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Emergency Preparedness Canada Protection civile Canada

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A Canadian Disaster Database

Technical Report 91-2

HV 551.5 .C2 P761 1991

Canadä[†]

A Canadian Disaster Database

Technical Report 91-2

by M. Provencher

Evaluation and Analysis

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Emergency Preparedness Canada

December 1991

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A Canadian Disaster Database

Introduction

In June 1990, the Directorate of Evaluation and Analysis sent a list entitled Some of the Disasters in Canada Since 1900 to all EPC Regional Directors and HQ Directors inviting them to make further entries with appropriate details as well as to suggest the addition of other characteristics. The response was quite enthusiastic and the information gathered has been included in the Canadian Disaster Database which will be described shortly.

While this was being done, the Communications Directorate initiated a contract with Mr. Carl Gillis to produce a list of disasters that have occurred in Canada within recorded history. The listing produced was published under the title Significant Disasters in Canada. For the purposes of this listing a significant disaster was defined as

an unforeseen mischance resulting in widespread dislocation affecting every day life and/or of sufficient seriousness as to warrant present-day coverage by national media.

In January 1991 a letter was received from the Centre for Research on the Epidemiology of Disasters (CRED). Attached to this was a user manual and a database on diskette containing all the information provided in the Significant Disasters in Canada list. CRED has been developing a world-wide disaster database which it updated with Canadian information upon reception of EPC's Significant Disasters in Canada publication.

Structure of the Database

In July 1991 the author of this note studied the CRED Disaster Database. Since then the Canadian part of it has been isolated and modified to suit EPC's requirements better. Some new fields

were created ("province" and "magnitude" for earthquakes are now there), the format for dates has been changed to permit prior and future information to be included (prior to and beyond the 20th century), the information in the database has been checked and updated with the information at hand, moreover the database is now bilingual, the French version of the Significant Disasters in Canada publication, Désastres canadiens importants contributed largely to the end result.

To account for the various changes made since the reception of the CRED database, it was decided to call this Canadian Disaster Database:

EPC Disaster Database developed from CRED Disaster Database

with the short form *EPC Disaster Database*.

Fields

The following fields currently describe the information available for each entry i.e. disaster, in the database: the strike date of the event, the province where it occurred, the type of disaster, its magnitude on the Richter scale (for earthquakes), the source of the information, the damages in millions of Canadian dollars, the number of dead, number of injured, number of homeless, number of affected, plus comments.

An example of the information contained in this database is shown on Figure 1. It provides all information available on a single disaster. Reports like this one are convenient when information on just a few disasters is needed. However, when information on a larger number of disasters is requested, reports such as the ones presented in the Appendix are more appropriate (English and French copies being available). The Appendix lists

Date: 1990.03.11 # of killed: 1 Province: QUEBEC # of injured:

Disaster type: CIVIL STRIFE # of homeless:

of affected:

Magnitude:

Information source: **GOVERNMENT**

Damage (M\$):

Comments:

Members of the militant Mohawk Warrior's Society set up roadblocks over a dispute involving Mohawk claims to land being used for expansion of the Oka golf club; this led, on July 11, to the death of a OPP during a failed assault on the barricades and the blocking of the Mercier Bridge near Chateauguay, southwest of Montreal; the army was called in to handle the situation; the standoff continued all summer with attention focused on the Kahnesatake reserve at Oka and the Kahnawake reserve near Chateauguay; the crisis gave rise to native protests and sympathy blockades across Canada; the crisis came to an end when a hard core of Mohawk Warriors holed up in a treatment centre in Kahnesatake surrendered to the army on Sept 26, ending the 78-day standoff

Date: 1990.03.11

de tués:

1

Province: OUÉBEC

de blessés:

Type de désastre: CONFLITS CIVILS

de sans-abri:

d'affectés:

Intensité:

Source d'information: GOUVERNEMENT

Dommages (M\$):

Commentaires:

Des militants de Mohawk Warrior's Society ont établi des barrages routiers suite à une dispute au sujet de revendications territoriales des Mohawks sur des terres d'expansion d'un terrain de golf à Oka; ceci a déclenché une série d'autres événements qui ont mené, le 11 juillet, à la mort d'un policier de la SO lors d'une opération avortée de démentellement des barrages interdisant l'accès au pont Mercier; on a fait appel à l'armée pour contrôler la situation; les principaux pôles de la crise ont été la réserve de Kahnesatake à Oka et celle de Kahnawake près de Chateauguay; la crise s'est terminée lorsque le groupe principal des Warriors retranché dans un centre de traitement à Kahnesatake s'est rendu à l'armée le 26 septembre, après 78 jours de siège

2

Figure 1: Example of a disaster entry to the database

the content of the entire database by provinces and territories.

Here some further explanation will be provided on some of the fields mentioned earlier. One is the "disaster type". Entries to the database are classified by their type. This classification is done using Table 1.

| Ş | | m_{min} | ş |
|----------|----------|---|---|
| | Code | Disaster type | |
| | AC | Accident (transportation, mining, | |
| 8 | | satellites, structures) | ı |
| В | AV | Avalanche | 1 |
| N | CA | Chemical Accident | |
| N | CS | Civil Strife(terrorism, civil unrest) | |
| 8 | CW | Cold Wave | ı |
| В | CY DP | Cyclone Displaced Borroom (innom) | |
| N | DR | Displaced Persons (ignore) Drought | |
| B | EM | Emergency (any disaster not fitting in | |
| 8 | 1444 | other categories) | |
| N | EP | Epidemic (human or animal diseases) | |
| B | ĒQ | Earthquake | 1 |
| 8 | ΕX | Expellees | ı |
| 8 | FA | Famine | |
| N | FI | Fire (forest, institutional, industrial) | |
| N | FL | Flood | |
| Ø | FS | Food Shortage | Į |
| | HU | Hurricane | |
| 3 | HW | Heat Wave | |
| N | ΙΝ | Insect Infestation | |
| B | LS | Landslide | |
| <u> </u> | PS | Power Shortage | |
| | RE | Refugees | |
| N | ST TS | Storm (storms, blizzards, tornadoes) Tsunami | 1 |
| N | TY | | ١ |
| 8 | ÜP | Typhoon Unusual Phenomena | |
| В | νo | Volcano | 1 |
| N | - | | |
| 100 | ***** | **************************** | ĸ |

Table 1: Types of Disaster

This list is essentially the CRED list of disaster types. Some interpretation of it has been made (see notes in parenthesis) and there probably is still some ambiguity attached to it (the goal is to make them mutually exclusive) but this is more or less EPC's criteria for classification at this time.

Another important field which needs to be considered is the "source of information" field. CRED has built a list of them (see Table 2) which EPC has retained. In parenthesis you will find EPC's interpretation of each source. The list obviously reflects the international perspective taken by CRED and is

probably a little too broad for EPC's requirements. Nevertheless this is what is being used at this time.

The field "province" consists of all ten provinces and the two territories plus two other categories which will be defined in section 2.2.

| Code | Information Source |
|------|--|
| 01 | O.F.D.A. (Office for US Foreign Disaster Assistance) |
| 02 | INSURANCE (Insurance Companies) |
| 03 | C.D.C. (Centers for Disease Control (US)) |
| 04 | JAPAN |
| 05 | OAU (Organization of African Unity) |
| 06 | WHO/PAHO (World Health Organization/Pan American |
| 1 | Health Organization) |
| 07 | SITREP (Situation Report) |
| 08 | INSURANCE (Ignore-redundant) |
| 09 | WHO/AFRO (World Health Organization/Regional |
| 3 | Office for Africa) |
| 10 | PRIVATE |
| īĭ | UNDRO(United Nations Disaster Relief Organization) |
| 12 | (Other-Explain source in comments) |
| 13 | PRESS (Newspapers, media) |
| 14 | GOVERNMENT (For our purposes: Emergency |
| 1 - | Preparedness Canada) |
| 3 | Trymomos canamy |

Table 2: Sources of Information

General Rules

 For the purposes of the database, the following definition developed between CRED and UNDRO (United Nations Disaster Relief Organization) is used for the term disaster:

An interruption in time and space of normal processes beyond the coping capacity of the community, causing death, injury or homelessness, direct material losses and/or negative economic impact. The interruption can be either sudden or gradual onset.

• The numbers stated for variables "# of killed", "# of affected", "# of injured", "# of homeless", "Damage (M\$)" are often blank. This may indicate that no reliable estimate was available.

- "Damage (M\$)" where "M" represents "million", is not indexed or adjusted for inflation and reflects the value of the reported year.
- If one disaster is followed by subsequent ones, the events are entered with their respective codes but the linkage is noted in the comments.
- Disasters where more than one province or territory is involved are listed under the general denomination "Several" in the "province" field.
- Disasters which occurred outside the country but where Canada assumes a certain involvement are listed under "International" in the "province" field (Table 3 lists all categories available under the "province" field).
- An event is entered more than once only when this event affects more than one province or territory. In this case the event is entered for each province or territory in addition to being entered under the category "Several".

| Code | Province |
|---|-----------------------|
| BC | British Columbia |
| AB | Alberta |
| SK | Saskatchewan |
| MB | Manitoba |
| ON | Ontario |
| QB | Quebec |
| ŇВ | New Brunswick |
| NS | Nova Scotia |
| PE | Prince Edward Island |
| NF | Newfoundland |
| YÜ | Yukon |
| BC ABK MBN OB NS PEFUW YV | Northwest Territories |
| SV | Several |
| IN | International |

Table 3: Categories under "Province"

For the technically inclined

To gain a good appreciation of the current capabilities of the EPC Disaster Database

it is interesting to know what is its electronic support as well as the one of its predecessors.

- The list entitled Some of the Disasters in Canada Since 1900 was built using the spreadsheet software Microsoft Excel version 2.2.
- The list of disasters published under the title Significant Disasters in Canada and its French counterpart are simply two word processing files (one for English, one for French) built using the software Microsoft Word.
- The world-wide disaster database developed and provided by CRED (named the CRED Disaster Database, to distinguish it from EPC's efforts) is on FoxBASE, a Relational Database Management System.
- The EPC Disaster Database developed from CRED Disaster Database is also on FoxBASE.

The EPC Disaster Database does not reside in one single file. It is actually a combination of five files taking advantage of the relational capability of FoxBASE. The main file called "CanDisaster" contains the basic information on each disaster. There are currently 228 entries. Some of this information is in codes which are described in the other files such as the file "provinces" for the codes BC, AB, SK,... the file "type" for the type codes AC, AV, CA,... and "origin" for the sources of information 01, 02, 03,... Finally, the comments were stored in yet another file "CanCom" because of the large amount of space taken by character type information.

Advantages of a Database

Why use a database? It may not be obvious to all but using a database as opposed to using a publication opens the door to much more efficient research and consequently much more adequate replies

to requests for information on the subject. One can retrieve all disasters that occurred in Canada since 1980, for example, with a simple command. Similarly, one can list all recorded earthquakes (large enough to be considered disasters) using a single command.

This is why the design of a database has to be well planned so that the particular fields established will answer EPC's specific requirements. For the EPC Disaster Database the field "province" was added so that if one wished to do so, one could retrieve all Chemical Accidents that occurred in Ontario, for example, as opposed to having to list all such accidents for the whole of Canada and then manually discarding provinces and territories which are of no interest in this particular instance.

Conclusion

The EPC Disaster Database developed from CRED Disaster Database has been presented in its current form. From this prototypical form evolution is expected. Criteria for entry in the database will have to be custom tailored to EPC's needs. Specifically, redefinition of the types of disaster and sources of information will have to be made, new fields created. A concerted effort will have to be initiated in order to have a Disaster Database which suits EPC.

Appendix

Content of the EPC Disaster Database developed from CRED Disaster Database

According to the "province" field categories

- BC. British Columbia
- AB. Alberta
- SK. Saskatchewan
- MB. Manitoba
- ON. Ontario
- QB. Quebec
- NB. New Brunswick
- NS. Nova Scotia
 PE. Prince Edward Island
 NF. Newfoundland
- YU. Yukon
- NW. Northwest Territories
- SV. Several
- IN. International

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|-------------------------|------------------|-----------------------------|-------------------------|--------------------|------------------------|---------------|--------------|
| 1902.05.22 | ВС | ACCIDENT | • | | 125 | • | | | |
| | | Femie; Mine Disaster | sour | rce: EMO NS | • | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1903.01.01 | вс | CIVIL STRIFE | • | PRESS | 1 | | | | |
| | • | Vancouver, British Co | lumbia; a unio | n organizer was attacked & | killed; 1903 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1905.08.13 | вс | LANDSLIDE | • | PRESS | 18 | 18 | | | |
| - | | Spence's Bridge, Britis | h Columbia; a | large gravel bank broke aw | | | ning down on to an i | ndian reserve | |
| | | destroying homes and | the local churc | h | • | | | | |
| | | | | | • | | | | |
| 1906.01.01 | ВС | ACCIDENT | - | | 126 | | | | |
| 1700.01.01 | ьс | Wreck of "Valencia" o | ff Vancouver l | stand source "Canad | lian Disasters - an His | etorical Survey" I | ournal of Natural U | azarda | |
| , | | Classification 3 by Rol | pert L. Jones | Source. Curac | | sorical survey 3 | outhat of ivalural fir | izarus | , |
| | | | | | | | | | |
| | , | | • | | | | | | |
| 1906.03.06 | ВС | AVALANCHE | | | 62 | | | | |
| | | Roger's Pass, BC; snov | vslide s | ource: Some of the Disaster | rs in Canada Since 19 | 00 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1908.08.01 | ВС | FIRE | • | JAPAN | 100 | | 6 000 | | 10. |
| | | Femie, British Columb | ia (1-3 August | 1908) | | | | | |

| 1913.08.06 BC AVALANCHE PRESS 62 Roger's Pass, British Columbia; 62 dead (CPR workmen), one survivor; an avalanche struck workers as they cleared the tracks of snow dumped by a previous slide 1913.08.06 BC ACCIDENT PRESS 1 Victoria, British Columbia; first aeroplane-related death in Canada 1915.08.22 BC AVALANCHE PRESS 56 22 Cooper Mine, British Columbia; approx. 22 Injured; an avalanche wiped out half the buildings at a mine campsite catching many miners in their bunkhouses 1918.01.01 BC EPIDEMIC PRESS 50 000 2 000 000 Canada, nationwide; 1918-1925; more than 50,000 dead, two million affected; as part of a world-wide outbreak, spanish influenza hits canadians hard, affecting more than one quarter of the population 1918.10.23 BC ACCIDENT PRESS 343 West Coast, British Columbia; the CP steamship Princess Sophia run into a reef while sailed from Alaska to Vancouver; two days later on the 25, the ship sank | <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|---|-------------|-----------------|--|---------------------------------|-----------------------------|---------------------------|--------------------|-----------------------|----------------|--------------|
| dumped by a previous slide 1913.08.06 BC ACCIDENT PRESS 1 Victoria, British Columbia; first aeroplane-related death in Canada 1915.03.22 BC AVALANCHE PRESS 56 22 Cooper Mine, British Columbia; approx. 22 Injured; an avalanche wiped out half the buildings at a mine campsite catching many miners in their bunkhouses 1918.01.01 BC EPIDEMIC PRESS 5000 2000 Canada, nationwide; 1918-1925; more than 50,000 dead, two million affected; as part of a world-wide outbreak, spanish influenza hits canadians hard, affecting more than one quarter of the population 1918.10.23 BC ACCIDENT PRESS 343 West Coast, British Columbia; the CP steamship Princess Sophia ran into a reef while sailed from Alaska to Vancouver; two days later on the 25, the ship sank | 1910.03.05 | BC | AVALANCHE | • | PRESS | 62 | | | | |
| Victoria, British Columbia; first aeroplane-related death in Canada 1915.03.22 BC AVALANCHE PRESS 56 22 Cooper Mine, British Columbia; approx. 22 Injured; an avalanche wiped out half the buildings at a mine campsite catching many miners in their bunkhouses 1918.01.01 BC EPIDEMIC PRESS 50 000 2 000 000 Canada, nationwide; 1918-1925; more than 50,000 dead, two million affected; as part of a world-wide outbreak, spanish influenza hits canadians hard, affecting more than one quarter of the population 1918.10.23 BC ACCIDENT PRESS 343 West Coast, British Columbia; the CP steamship Princess Sophia ran into a reef while sailed from Alaska to Vancouver; two days later on the 25, the ship sank | | • | Roger's Pass, British C dumped by a previous | olumbia; 62 d slide | ead (CPR workmen), one | survivor; an avalanche | struck workers as | they cleared the trac | cks of snow | |
| 1915.03.22 BC AVALANCHE PRESS 56 22 Cooper Mine, British Columbia; approx. 22 Injured; an avalanche wiped out half the buildings at a mine campsite catching many miners in their bunkhouses 1918.01.01 BC EPIDEMIC PRESS 50 000 2 000 000 Canada, nationwide; 1918-1925; more than 50,000 dead, two million affected; as part of a world-wide outbreak, spanish influenza hits canadians hard, affecting more than one quarter of the population 1918.10.23 BC ACCIDENT PRESS 343 West Coast, British Columbia; the CP steamship Princess Sophia ran into a reef while sailed from Alaska to Vancouver; two days later on the 25, the ship sank | 1913.08.06 | BC . | ACCIDENT | | PRESS | 1 | | | | |
| Cooper Mine, British Columbia; approx. 22 Injured; an avalanche wiped out half the buildings at a mine campsite catching many miners in their bunkhouses 1918.01.01 BC EPIDEMIC PRESS 50 000 2 000 000 Canada, nationwide; 1918-1925; more than 50,000 dead, two million affected; as part of a world-wide outbreak, spanish influenza hits canadians hard, affecting more than one quarter of the population 1918.10.23 BC ACCIDENT PRESS 343 West Coast, British Columbia; the CP steamship Princess Sophia ran into a reef while sailed from Alaska to Vancouver; two days later on the 25, the ship sank | | | Victoria, British Colum | nbia; first aero | plane-related death in Can | ada | | | | |
| Cooper Mine, British Columbia; approx. 22 Injured; an avalanche wiped out half the buildings at a mine campsite catching many miners in their bunkhouses 1918.01.01 BC EPIDEMIC PRESS 50 000 2 000 000 Canada, nationwide; 1918-1925; more than 50,000 dead, two million affected; as part of a world-wide outbreak, spanish influenza hits canadians hard, affecting more than one quarter of the population 1918.10.23 BC ACCIDENT PRESS 343 West Coast, British Columbia; the CP steamship Princess Sophia ran into a reef while sailed from Alaska to Vancouver; two days later on the 25, the ship sank | | | | | | , | | | | |
| their bunkhouses 1918.01.01 BC EPIDEMIC PRESS 50 000 2 000 000 Canada, nationwide; 1918-1925; more than 50,000 dead, two million affected; as part of a world-wide outbreak, spanish influenza hits canadians hard, affecting more than one quarter of the population 1918.10.23 BC ACCIDENT PRESS 343 West Coast, British Columbia; the CP steamship Princess Sophia ran into a reef while sailed from Alaska to Vancouver; two days later on the 25, the ship sank | 1915.03.22 | BC | AVALANCHE | • | PRESS | 56 | 22 | | | |
| Canada, nationwide; 1918-1925; more than 50,000 dead, two million affected; as part of a world-wide outbreak, spanish influenza hits canadians hard, affecting more than one quarter of the population 1918.10.23 BC ACCIDENT PRESS 343 West Coast, British Columbia; the CP steamship Princess Sophia ran into a reef while sailed from Alaska to Vancouver; two days later on the 25, the ship sank | | | | Columbia; appi | rox. 22 Injured; an avalanc | che wiped out half the b | uildings at a mine | campsite catching | many miners in | |
| Canada, nationwide; 1918-1925; more than 50,000 dead, two million affected; as part of a world-wide outbreak, spanish influenza hits canadians hard, affecting more than one quarter of the population 1918.10.23 BC ACCIDENT PRESS 343 West Coast, British Columbia; the CP steamship Princess Sophia ran into a reef while sailed from Alaska to Vancouver; two days later on the 25, the ship sank | 1918.01.01 | ВС | EPIDEMIC | | PRESS | 50 000 | | | 2,000,000 | |
| West Coast, British Columbia; the CP steamship Princess Sophia ran into a reef while sailed from Alaska to Vancouver; two days later on the 25, the ship sank | | | Canada, nationwide; 19 canadians hard, affection | 918-1925; mor ng more than c | e than 50,000 dead, two m | nillion affected; as part | of a world-wide o | utbreak, spanish inf | | |
| the 25, the ship sank | 1918.10.23 | ВС | ACCIDENT | | PRESS | . 343 | | | | |
| 1918.12.06 BC EARTHQUAKE 7.0 PRESS | | | West Coast, British Co the 25, the ship sank | lumbia; the Cl | P steamship Princess Soph | ia ran into a reef while | sailed from Alask | a to Vancouver; two | days later on | |
| | 1918.12.06 | ВС | EARTHQUAKE | 7.0 | PRESS | | | | | |
| Vancouver Island, British Columbia; the earthquake was widely felt and caused some minor damage | | | Vancouver Island, Briti | sh Columbia; | the earthquake was widely | y felt and caused some | minor damage | | | |

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|------------------------|------------------|--|--------------------------|--------------------|-----------------------|---------------|--------------|
| 1924.01.01 | BC | CIVIL STRIFE | • | PRESS | 9 | | | | |
| | | British Columbia; 192 | 24; nine people | were killed when a bomb | went off in a railway c | ar carrying a doul | chobor leader | | |
| | | | | 0 | | | | | |
| | | | | | | | | | |
| 1929.05.06 | ВС | EARTHQUAKE | 7.0 | PRESS | | | | | |
| | | South of Queen Charl | otte Islands, Br | itish Columbia | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1931.01.01 | ВС | DROUGHT | • | GOVERNMENT | | | | 250 000 | |
| | | Western Canada (Prai | rie provinces); | 1931-1940; the dirty thirtient almost a decade causing | es; dust storms, plant r | ust, heat waves, g | rasshopper plagues a | and water | |
| | | 250,000 people left th | e area | n annost a decade causing | minicisc social and co | conomic narcomp | , it is estimated | | |
| | | | | | | | | | |
| 1936.07.06 | ВС | HEAT WAVE | • | | 500 | | | | |
| | | 2 week heat wave | source: So | me of the Disasters in Can | ada Since 1900 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1944.01.01 | ВС | CIVIL STRIFE | | PRESS | 1 | | | | |
| | | British Columbia; 194 | 4; one person v | vas killed during an arson a | attack carried out by th | ne radical Doukho | bor sect, the Sons of | f Freedom | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1946.06.23 | ВС | EARTHQUAKE | 7.3 | PRESS | | | | | |
| | | Vancouver Island, Bri | tish Columbia; | widely felt; damage in Cer | ntral Vancouver Island | I | | | |

| EPC Disaster De | atavase | 3 | |
|-----------------|---------|----------|----------|
| developed from | CRED | Disaster | Database |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|---|---|--|--|--------------------|------------------------------|-------------------|--------------|
| 1948.05.31 | ВС | FLOOD | • | | 10 | | | | 22. |
| | | Fraser River; river flo NS | od ripped apart | dykes - 82 bridges lost; o | cost millions; thousands | evacuated; 2000 | families homeless | source: EMO | |
| 1949.08.22 | вс | EARTHQUAKE Offshore Queen Charl was some damage on | 8.1 otte Islands, Br the Queen Char | PRESS itish Columbia; widely fa clotte Islands & chandelie | elt; this was Canada's la ers in Jasper, Alberta, w | rgest & one of the | e world's greatest ea way | rthquakes; there | |
| 1950.11.21 | ВС | ACCIDENT | - | PRESS | 21 | 53 | | | |
| | | Canoe River, British C of Edmonton | Columbia; a spe | cial force troop train wes | stbound & an eastbound | train collided he | ad on at Canoe Rive | r, 312 miles west | |
| 1953.01.01 | ВС | EPIDEMIC Canada nationwide: 1 | 953: polio affe | PRESS | 481 | | | 8 000 | |
| | | | you, pone and | | | | | | |
| 1955.01.08 | ВС | LANDSLIDE Hope, British Columbiconsisting of rock, sno | ia; four dead; to w and mud bro | PRESS wo vehicles and a large se ke away and plunged into | ection of highway were o the valley below | destroyed when a | large chunk of mou | ıntainside | |
| 1958.01.01 | вс | CIVIL STRIFE | | PRESS | 1 | | | | |
| 1936.01.01 | <i>DC</i> | | 8; a member of | the Sons of Freedom wa | | ıb | | | |

| Date | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|------------|-----------------|---|-----------------------------------|--|---------------------------|--------------------|----------------------|--------------------|--------------|
| 1958.07.10 | вс | EARTHQUAKE | 7.9 | PRESS | | | | | |
| | | Alaska-British Colu | mbia border; wid | lespread damage in Alask | a & widely felt in north | ern B.C. and the | Yukon | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1958.07.17 | вс | ACCIDENT | - | PRESS | 18 | | | | |
| | | Vancouver, British determined to be the | | on of the second narrows | bridge over Burrard Inl | et collapsed durin | g construction; desi | gn error was later | |
| | | | | | | | | | |
| | | • | | | | | | | • |
| 1960.07.02 | BC | CIVIL STRIFE | | GOVERNMENT | . 1 | | | | |
| | | sect the Sons of Fre | edom, during this light Company & | July 2,1960-March 7,196 period; favourite targets the homes & buildings of | were railways, utility po | oles & lines belon | ging to the west | | |
| | | • | | | | | | | • |
| 1961.01.01 | ВС | DROUGHT | • | PRESS | | | | | |
| | | Western Canada (19 | 61) | | | | | | |
| | | , | • | | | | | | |
| | | | | | | | | | |
| 1963.06.03 | вС | ACCIDENT | • | PRESS | 101 | | | • | |
| | | Pacific Coast, Britis | h Columbia; a ch | artered northwest airlines | DC-7 went down off th | e coast of B.C. er | route to Alaska | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1964.03.28 | вс | TSUNAMI | | PRESS | 1 | | | | 5. |
| | | Port Alberni, British caused the death of | n Columbia; an ea one man | rthquake in Alaska (magr | nit. 8.6) generated a 3.6 | m tsunami which | caused \$4.7 Million | in damages & | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--------------------------|------------------------------------|--|--|--|---------------------------------|-----------------|--------------|
| 1965.01.09 | ВС | LANDSLIDE | • | | 4 | | | | |
| | | Hope, BC so | ource: Some of | the Disasters in Canada S | ince 1900 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1965.02.18 | BC | AVALANCHE | • | PRESS | 26 | 22 | | | |
| | | Granuc Mine, British | Columbia; an a | valanche destroys a miner | s's camp | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1970.06.24 | ВС | EARTHQUAKE | 7.4 | PRESS | | | | | • |
| | | South of Queen Charl | otte Islands, Br | itish Columbia; widely fel | lt | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1971.01.01 | BC . | AVALANCHE | - | GOVERNMENT | 7 | • | | | |
| | | Terrace, British Colum | nbia; seven dea | d, one survivor; eight peop | ple were waiting out a s | torm in a small c | afe when an avalanc | he struck the | |
| | | building | | | | | | | |
| | | | | | | | | | |
| 1972.01.01 | BC | CIVIL STRIFE | • | GOVERNMENT | | | | | |
| | | Kootenay Region (& | Vancouver area |), British Columbia; Jan 1 | ,1972-Sept.24,1986; do | zens of arson & b | omb attacks were ca | arried out in a | |
| | | & lines belonging to the | by the radical I ie West Kootei | Ooukhobor sect, the Sons of th | of Freedom; favourite ta ny & the homes & build | irgets were railwa ings of Orthodox | ys, utility poles Doukhobors | | |
| | | | | | | | | | |
| 1975.03.01 | ВС | STORM | • | O.F.D.A. | 14 | | | | |
| | | Vancouver Island (Ma | rch 1975) | | | | | | |
| | | • | | | | | | | |

J

X.

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--|------------------|------------------------------------|--------------------|-------------------|-----------------------|-------------------|--------------|
| 1975.07.22 | вс | LANDSLIDE | • | | 4 | | | | |
| | | Devastation GI | source: Son | ne of the Disasters in Canada Si | nce 1900 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1976.12.20 | вС | EARTHQUAKE | 6.8 | PRESS | | | | | |
| | | West of Vancouver Is | land | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1977.01.01 | вс | DROUGHT | • | PRESS | | | | | |
| | | Western Canada (197 | 7) | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1978.02.11 | ВС | ACCIDENT | • | PRESS | 43 | 4 | | | |
| | | Cranbrook, British Co to avoid hitting a snow | lumbia; four se | eriously injured; a Pacific Weste | rn Airlines BV0e | eing 737 coming i | n to land was destroy | yed when it tried | |
| | | | From our allow | | | | | | |
| | | | | | | | | | |
| 1979.02.14 | вс | AVALANCHE | • | PRESS | 7 | | | | |
| • | | Golden, British Colum | ibia; an avaland | che took the lives of seven heli-s | skiers in the Purc | ell Range Southw | est of Golden | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1980.01.01 | BC | DROUGHT | • | PRESS | | | | | |
| | | Western Canada (1980 |)) | | | | | | |

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|----------|---|---------------------|----------------------------------|----------------------|---------------------|----------------------|-----------------|--------------|
| 1980.12.17 | ВС | EARTHQUAKE | 6.8 | PRESS | | | | | |
| | | West of Vancouver Is | sland | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1981.02.23 | ВС | AVALANCHE | • | PRESS | 3 | | | | |
| | | Golden, British Colur | mbia; an avalan | che kills three heli-skiers near | Conrad Icefield, v | vest of Golden | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1981.10.28 | вс | LANDSLIDE | • | PRESS | 9 | | | | |
| | | | lumbia; a slide (| of mud, rock and trees washed | | heavy rainfall gre | atly increased water | levels | |
| | | • | • | • | J | <i>J</i> | | | |
| | | | | | | | | | |
| 1982.05.31 | ВС | CIVIL STRIFE | | PRESS | | | | | 5. |
| 1702.03.31 | 20 | | lumbia: A R C | Hydro substation on Vancouv | ver Icland was dun | amited by a left w | ing group called Dir | act Action: the | э. |
| | | explosion caused \$5 n & mutilated the earth | nillion in damas | ge; the group said they were p | rotesting against in | ndustrial expansion | which has "raped | ect Action, the | |
| | | or manage no out | y | | | | | • | |
| 1004.04.04 | вс | DROUGHT | • | PRESS | | | | *** | |
| 1984.01.01 | BC | | 4. laassa saasilsin | | | 10 000 6 | CC . 1 | 10 000 | 1 000. |
| | | western Canada; 1984 | 4; losses resului | ng from the drought were esti | mated at \$1 billion | ; over 10,000 farm | is were affected | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1985.01.01 | BC | DROUGHT | | PRESS | | | | | 50. |
| | | Western Canada; 1985 | 5; losses resultii | ng from the drought were estim | mated at \$50 millio | on | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|----------|-------------------------------------|------------------|--|-------------------------|--------------------|------------------------------------|---------------------|--------------|
| 1985.07.01 | BC | FIRE | • | O.F.D.A. | | | | | |
| | | Northeast of Vancouv | er; forest fires | destroyed half a million acre | es of timberland (July | y 1985) | | | |
| | | | | | | | | | |
| | | | | | | | | • | |
| 1985.12.23 | ВС | EARTHQUAKE | 6.9 | PRESS | | | | | |
| | | Nahanni Region, Nor | thwest Territor | ies: magnit.:6.6 And 6.9; Wi | idely felt in the NWT | , and northern All | perta and B.C. | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1986.03.21 | ВС | EARTHQUAKE | 5.4 | | | | · | | |
| 2,0000.21 | | Prince George; BC | | RD BC&YUKON | | | | | |
| | | Oronge, 20 | 5041001 | | | | | | |
| | | | | | | | | | |
| 1007.05.05 | ВС | CD/H CTDIES | | pproc | | | | | |
| 1986.05.25 | DC . | CIVIL STRIFE | | PRESS | 1 1 | | | G 11n: | |
| | | on Vancouver Island; | four men attac | carrying four passengers inc ked the car & fired 5 shots, 2 rere later convicted for the a | 2 of which hit the Mi | nister; he feigned | ster was ambushed n death & the | lear Gold River | |
| | | auackers ned; four ca | nadian Sikhs w | vere tater convicted for the a | наск. | | | | |
| | | | | | | | | | |
| 1987.03.23 | BC | AVALANCHE | | PRESS | 7 | | | | |
| • | | Blue River, British Co | olumbia; an ava | alanche took the lives of six | American heli-skiers | and their Canadia | n guide | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1988.01.01 | вс | DROUGHT | • | PRESS | | | | | |
| | | Interior of British Col Billion) | umbia to Ontai | rio; 1988; net farm income fo | ell by 16 per cent from | m the previous ye | ar (a drop from \$5.24 | 4 Billion to \$4.43 | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|-----------------------|-----------------|---|------------------------|------------------|-----------------------|---------------|--------------|
| 1990.11.08 | ВС | FLOOD | • | PRESS | | | 309 | | 5. |
| | | heavy rains caused wi | idespread flood | n British Columbia (includ ing over a wide area of Sou s as highways were shut do | th-Western B.C. and | Vancouver Island | the B.C. interior wa | as | |
| 1991.03.12 | вс | AVALANCHE | | PRESS | 9 | | | | |
| | | Purcell Mountains, Br | ritish Columbia | ; nine heli-skiers were kille | ed in a massive avalan | che in Bugaboo G | lacier Provincial Par | rk | |

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| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--|----------------------------------|---|-----------------------------|-------------------|------------------------|----------------|--------------|
| 1903.04.29 | ALBERTA | LANDSLIDE | • | PRESS | 76 | 23 | | | |
| | | Frank, Alberta; 76 des covering roads, railwa | ad, 23 injured; ays and homes | seventy million tons of li | mestone came crashing d | lown turtle moun | tain on to the small t | town of Frank, | |
| 1914.06.19 | ALBERTA | ACCIDENT | | PRESS | 189 | | | | |
| | | Hillcrest, Alberta; 189 | dead, 48 survi | vors; a dust explosion oc | curred in the coal mine | | | | |
| | | · | | | | | ٠ | | |
| 1918.01.01 | ALBERTA | EPIDEMIC | - | PRESS | 50 000 | | | 2 000 000 | |
| | | Canada, nationwide; 1 canadians hard, affect | 918-1925; mor | re than 50,000 dead, two rone quarter of the populat | million affected; as part o | of a world-wide o | outbreak, spanish inf | luenza hits | |
| | | | | | | | | | |
| 1931.01.01· | ALBERTA | DROUGHT | • | GOVERNMENT | | | | 250 000 | |
| | | Western Canada (Prair | rie provinces); | 1931-1940; the dirty thirt or almost a decade causin | ies; dust storms, plant ru | st, heat waves, g | rasshopper plagues a | and water | |
| | | 250,000 people left the | e area | or almost a decade causin | g immense social and eco | onomic nardsnip; | ; it is estimated | | |
| | | | _ | | | | | | |
| 1936.07.06 | ALBERTA | HEAT WAVE | | | 500 | | | | |
| | | 2 week heat wave | source: So | me of the Disasters in Ca | nada Since 1900 | | | | |
| | | | | | | | | | |
| 1953.01.01 | ALBERTA | EPIDEMIC | | PRESS | 481 | | | 8 000 | |
| | | Canada, nationwide; 1 | 953; polio affe | cted more than 8000 cana | ndians | | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|----------|-------------------------|------------------|---|------------------------|-----------------------|----------------------|----------------|--------------|
| 1955.07.11 | ALBERTA | AVALANCHE | - | PRESS | 7 | 2 | | | |
| | | Lake Louise, Alberta; | a party of skies | rs was caught by an avalanch | ne | | | · | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1961.01.01 | ALBERTA | DROUGHT | • | PRESS | | | | | |
| | | Western Canada (1961 | .) | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1965.01.02 | ALBERTA | CIVIL STRIFE | - | PRESS | 1 | | | | |
| • | | Edmonton, Alberta; two | o U.S.Jets (F-8 | 4s) being overhauled by Nor m war dynamited the planes; | thwest Industries in | Edmonton were d | estroyed & a third d | lamaged when a | |
| | | value of the planes was | s put at \$750,0 | 00 each | a socially guald wa | is killed dufflig lik | . metacin, me | | |
| | | | | | | | | | |
| 1976.02.01 | ALBERTA | CHEMICAL ACCIDENT | • | PRESS | | | | | |
| | | Pincher Creek, Alberta | ; Feb.1976; a s | sour gas well blowout; the res | sulting fire & gas pla | ame caused the ev | acuation of 400 squ | are miles | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1977.01.01 | ALBERTA | DROUGHT | - | PRESS | | | | | |
| | | Western Canada (1977 |) | | • | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1980.01.01 | ALBERTA | DROUGHT | - | PRESS | | | | | |
| | | Western Canada (1980) |) | | | | | | |

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|---|-------------------------------------|--|--|---------------------|----------------------|-------------------|--------------|
| 1981.07.28 | ALBERTA | STORM | • | INSURANCE | | | • | | 79. |
| | | Calgary, Alberta; hails | torm | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1982.02.01 | ALBERTA | CHEMICAL ACCIDENT | - | PRESS | 2 | | | • | |
| | | Lodgepole, Alberta; a million cu. ft. of natura | blowout at a so al gas leaked fr | our gas well resulted in a fir om the well per day for 67 | re; the subsequent gas days until it was capp | plume extended poed | for more than 400 kr | n; as much as 115 | |
| | | | | | | | | | |
| 1002 02 02 | ALBERTA | ACCIDENT | | PRESS | , | | | | |
| 1983.03.23 | ALBERTA | | | | 5 | 10 | | | |
| | | cars on a siding near C | ia Kail passeng arstairs | er train travelling from Edi | monton to Calgary rai | n through an open | switch & slammed | into four empty | |
| | | | | | | | | | |
| , | 4 * D2DM4 | Do Ollova | • | | | | • | | |
| 1984.01.01 | ALBERTA | DROUGHT | . 1 | PRESS | | 10.000 5 | | 10 000 | 1 000. |
| | | western Canada; 1984 | ; losses resulti | ng from the drought were e | stimated at \$1 billion; | ; over 10,000 farm | s were affected | | |
| | | | | | | | | | |
| | 4 Y D 27 D 20 4 | D 01/07/m | | | | | | | |
| 1985.01.01 | ALBERTA | DROUGHT | 1 1.1 | PRESS | | , | | | 50. |
| | | western Canada; 1985 | ; losses resultu | ng from the drought were e | stimated at \$50 millio | n | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1985.12.23 | ALBERTA | EARTHQUAKE | 6.9 | PRESS | | | | | |
| | | Nahanni Region, North | west Territorio | es: magnit.:6.6 And 6.9; Wi | idely felt in the NWT, | , and northern Alb | erta and B.C. | | |

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|----------|---|-------------------------------------|---|-----------------------------------|-----------------------|------------------------|-------------------|--------------|
| 1986.02.08 | ALBERTA | ACCIDENT | • | PRESS | 23 | 71 | | | 30. |
| | | Hinton, Alberta; 23 k Via Rail passenger tra | illed;71 injured iin on the CN n | ; property damage estimate nain line, 11 miles east of H | d at \$30 million; a we linton | stbound CN freigl | nt train collided with | n an eastbound | |
| 1986.05.14 | ALBERTA | STORM | - | PRESS | | | · | | |
| | | Southern Alberta; a tw winds; dozens of com | vo-day storm, d munities were l | lescribed as the worst spring left without services | g storm in living mem | ory in Alberta, bo | ught knee-deep snov | w and 80 km/h | |
| 1986.07.15 | ALBERTA | FLOOD Central Alberta; July | 15-19, 1986; 15 | PRESS 500 houses damaged and co | sts in excess of \$30 m | illion | • | | 30. |
| 1987.07.31 | ALBERTA | STORM Edmonton, Alberta; to | mado; touched | down in city and moved no | 27 ortheast; hundreds hor | 600 neless source: | 1 700 EMO NS | | 300. |
| 1988.01.01 | ALBERTA | DROUGHT Interior of British Colu Billion) | umbia to Ontari | PRESS io; 1988; net farm income fo | ell by 16 per cent fron | n the previous yea | r (a drop from \$5.24 | Billion to \$4.43 | |
| 1988.06.01 | ALBERTA | FLOOD Lesser Slave Lake, All | Derta; June 1986 | PRESS 8; \$15 million in damages | 2 | | | | 15. |

| <u>Date</u> | Province | Disaster type | Magnitude Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|---------------|------------------------------|-------------|--------------|---------------|---------------|--------------|
| 1990.02.11 | ALBERTA | AVALANCHE | PRESS | 4 | | | | |
| | | D 65 A11 6 | | | | 0037 · 175 1 | | |

Banff, Alberta; four people from Calgary were killed by an avalanche while cross-country skiing in Banff National Park

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|----------|--|-----------------------------|---|---|--|---|-------------------|--------------|
| 1912.06.30 | SASK | STORM | - | PRESS | 28 | | 2 500 | | . 5. |
| | | Tornado; Regina, Sasi the city were destroye | | ndreds injured, 2500 home | less, damage in excess | of \$5 million; mo | re than 400 of the fi | nest buildings in | |
| 1918.01.01 | SASK | EPIDEMIC | | PRESS | 50 000 | مدئت فالسماء | | 2 000 000 | |
| | | | | re than 50,000 dead, two none quarter of the populati | | of a world-wide of | outbreak, spanish ini | Iuenza nits | |
| 1931.01.01 | SASK | DROUGHT | • | GOVERNMENT | | | | 250 000 | |
| | | Western Canada (Prai shortages plagued We 250,000 people left th | stern Canada fo | 1931-1940; the dirty thirtion almost a decade causing | es; dust storms, plant rig immense social and ed | ust, heat waves, g conomic hardship | rasshopper plagues a ; it is estimated | and water | |
| 1931.01.01 | SASK | CIVIL STRIFE | • | PRESS | 3 | | | | |
| | | Estevan, Saskatchewa | n; 1931; three _I | people were killed during | a strike clash | | | | |
| 1935.01.01 | SASK | CIVIL STRIFE | | PRESS | 1 | | | | |
| | | | ı; 1935; one per | rson was killed during a c | ash between police & v | workers taking pa | rt in the on to Ottaw | a trek | |
| 1936.07.06 | SASK | HEAT WAVE 2 week heat wave | source: So | ome of the Disasters in Car | 500 pada Since 1900 | | | | |
| | | 2 Wook Hout Wave | Boulet. Do | and of the products in Ca | 211100 1700 | | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|---|-------------------|--------------------------------|-------------------------|-----------------|-------------------------|-----------------|--------------|
| 1946.09.15 | SASK | ACCIDENT | • | | 20 | | | | • |
| | | Estevan, Saskatchewa | n; an RCAF tra | ansport plane crashed near | Estevan killing 20 RC | AF personnel | source: ARD SK | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1947.01.30 | SASK | STORM | • | PRESS | | | | | |
| | | Regina, Saskatchewan snowdrift 1 km long a | ı; a blizzard raş | ged for 10 days; the railway | called it the worst sto | orm in Canadian | rail history; one train | was buried in a | |
| | | showant I kili long a | na o m aeep | | • | | | | |
| | | | | | | | | | |
| 1953.01.01 | SASK | EPIDEMIC | • | PRESS | 481 | | | 8 000 | |
| | | Canada, nationwide; 1 | 953; polio affe | cted more than 8000 canad | ians | | , | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1954.04.07 | SASK | ACCIDENT | • | PRESS | 37 | | | | |
| • | | Moose Jaw, Saskatche | wan; a trans-ca | anada airlines airliner collic | led with an RCAF trai | iner | | | |
| | | | | | | | • | | |
| | | | | | • | | | | |
| 1961.01.01 | SASK | DROUGHT | • | PRESS | | | | | |
| | | Westem Canada (1961 | .) | • | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1977.01.01 | SASK | DROUGHT | • | PRESS | | | | | |
| | | Western Canada (1977 | ") | | | | | | |
| | | | | | | | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|----------------------|-------------------|-----------------------------|--------------------------|--------------------|-----------------------|-------------------|--------------|
| 1980.01.01 | SASK | DROUGHT | - | PRESS | | | | | |
| | | Western Canada (1986 | 0) | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1980.05.28 | SASK | ACCIDENT | ٠ | PRESS | 22 | 11 | | | |
| | | Webb, Saskatchewan; | a bus and trucl | k collided on the Trans-Can | ada highway near We | bb; the bus was ca | arrying CPR workers | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1984.01.01 | SASK | DROUGHT | - | PRESS | | | | 10 000 | 1 000. |
| | | Western Canada; 1984 | l; losses resulti | ng from the drought were es | stimated at \$1 billion; | over 10,000 farm | s were affected | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1985.01.01 | SASK | DROUGHT | | PRESS | | | | | 50. |
| | | | : losses resultir | ng from the drought were es | stimated at \$50 million | n | | | 50. |
| | | , | • | - 0 | | - | | | |
| | | | | | | | , | | |
| 1988.01.01 | SASK | DROUGHT | • | PRESS | | | | | |
| 1700.01.01 | , | | umbio to Orta-i | | all by 16 man agent for | | (4 f 05 04 | D::::: | |
| | | Billion) | midia to Ontari | o; 1988; net farm income fe | en by 10 per cent from | i ine previous yea | r (a drop from \$5.24 | Billion to \$4.43 | |
| | | | | | | | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|----------|-------------------------|----------------------------------|---|----------------------------|---------------------|-----------------------|---------------|--------------|
| 1912.01.01 | MANITOBA | STORM | • | | 29 | , | | | |
| | | Regina; tornado | source: "Cana | dian Disasters an Historic | al Survey" Journal of Na | atural Hazards Cl | assification 3 by Rol | bert L. Jones | |
| | | | | | | | | | |
| - | | | | | • | | | | |
| 1918.01.01 | MANITOBA | EPIDEMIC | • | PRESS | 50 000 | | | 2 000 000 | |
| | | Canada, nationwide; 1 | 918-1925; mo | re than 50,000 dead, two tone quarter of the populat | million affected; as part | of a world-wide o | outbreak, spanish inf | luenza hits | |
| | | canadians nard, arcon | ing more than | one quarter or the popular | 1011 | | | | |
| | | | | | | | | | |
| 1919.01.01 | MANITOBA | CIVIL STRIFE | • | PRESS | 2 | | | | |
| | | Winnipeg, Manitoba; | 1919; two peo _l | ple were killed during a cl | lash in the midst of a ger | eral strike | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1922.06.22 | MANITOBA | STORM | ٠ | PRESS | 5 | | | | 2. |
| | | Tornado; Portage la pr | rairie, Manitob | a; scores injured, \$2 milli | on in damage | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1931.01.01 | MANITOBA | DROUGHT | • | GOVERNMENT | | | | 250 000 | |
| | | Western Canada (Prais | rie provinces); stem Canada f | 1931-1940; the dirty thirt or almost a decade causin | ies; dust storms, plant ru | ist, heat waves, gr | rasshopper plagues a | ind water | |
| | | 250,000 people left the | e area | or annost a accade causing | e muneipe sociai aila ec | опоние нагозир; | , it is estimated | | |
| | | | | | | | | | |
| 1936.07.06 | MANITOBA | HEAT WAVE | - | | 500 | | | | |
| | | 2 week heat wave | source: So | me of the Disasters in Ca | nada Since 1900 | | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--|-------------------------|--------------------------------|----------------------|----------------------|----------------------|---------------|--------------|
| 1947.09.01 | MANITOBA | ACCIDENT | • | PRESS | 31 | | | | |
| | | Dugald, Manitoba; ma collided head on at Du | ny injured; a C gald | NR passenger train and a spec | cial CNR campers | train, filled with p | eople returning from | vacation, | |
| 1950.05.05 | MANİTOBA | FLOOD | • | PRESS | 1 | | 107 000 | | 100. |
| | | Winnipeg, Manitoba; l | May 5-25, 1950 |); 107000 evacuated (one-third | d of city), 5000 bui | ldings damaged, \$ | 3100 million in dama | iges | |
| 1950.11.01 | MANITOBA | STORM | | INSURANCE | | | | | |
| | | Tornado, Regina (Nov | . 1950) | | | | | | |
| 1953.01.01 | MANITOBA | EPIDEMIC | | PRESS | 481 | | | 8 000 | |
| | | Canada, nationwide; 19 | 953; polio affe | cted more than 8000 canadians | s | | | | |
| | | | | | | | | | |
| 1958.05.01 | MANITOBA | STORM | • | | | | | | |
| | | Armaranth, Manitoba; | tornado so | urce: RD AB/NWT | ٠ | | | | |
| | | | | | | | | | |
| 1961.01.01 | MANITOBA | DROUGHT | • | PRESS | | | | | |
| | • | Western Canada (1961) |) | | | | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|----------|---|----------------------------------|------------------------------|---------------------------|----------------------|-------------------------|------------------|--------------|
| 1966.03.04 | MANITOBA | STORM | - | PRESS | • | • | | | |
| | | Winnipeg, Manitoba; | a storm brough | at 36 cm of snow and 120 k | cm/h winds, paralyzing | g the city for two d | lays | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1974.04.01 | MANITOBA | FLOOD | • | PRESS | | | | | 15. |
| | | Manitoba; April-May, systems; many people | 1974; \$14.5 M had to be evac | fillion in damages; severe i | flooding in central and | l southern Manitol | oa on practically all 1 | rivers and river | |
| | | | | | | | • | | |
| | | , | | | | | | | |
| 1977.01.01 | MANITOBA | DROUGHT | _ | PRESS | | | | | |
| | | Western Canada (1977 | ') | | | | | | |
| | | | | | | | • | | |
| | | | | | | | | | |
| 1979.04.01 | MANITOBA | FLOOD | | PRESS | | | | | 19. |
| | | Manitoba; April-May; | \$18.6 Million | in damages | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1980.01.01 | MANITOBA | DROUGHT | | PRESS | | • | | | |
| | | Western Canada (1980 |)) | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1984.01.01 | MANITOBA | DROUGHT | • | PRESS | | | | 1 0 000 | 1 000. |
| | | Western Canada; 1984 | ; losses resulti | ng from the drought were e | estimated at \$1 billion; | over 10,000 farm | s were affected | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--|---------------------------------|----------------------------------|--------------------|----------------------|-----------------------|---------------------|--------------|
| 1985.01.01 | MANITOBA | DROUGHT | • | PRESS | | | | | 50. |
| | | Western Canada; 1985; | losses resultin | ng from the drought were estima | ted at \$50 millio | on | | | |
| 1986.11.07 | MANITOBA | STORM | | PRESS | | | | | |
| | | Manitoba; a major storn clean-up costs approach | n dumped 30 o ed \$3 million | em of snow on Winnipeg; winds | gusting to 90 kr | m/h produced seve | re blowing snow an | d zero visibility; | |
| | | | | | | | | | |
| 1988.01.01 | MANITOBA | DROUGHT | | PRESS | | | | | |
| | | Interior of British Colur Billion) | nbia to Ontari | o; 1988; net farm income fell by | 16 per cent from | n the previous yea | r (a drop from \$5.24 | 4 Billion to \$4.43 | |
| | | | | | | | | | |
| 1989.07.15 | MANITOBA | FIRE | | PRESS | | | 25 000 | | 72. |
| • | | Northern Manitoba; July | -August1989; | 25000 evacuated,many airlifted | to Winnipeg; the | e worst forest fires | in Canadian history | y raged across | |

Northern Manitoba forcing the evacuation of 25 communities; damage & fire-fighting costs were estimated at \$72 million

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--|------------------|---|--|----------------------|------------------------|------------------|--------------|
| 1910.01.21 | ONTARIO | ACCIDENT | | PRESS | 63 | 20 | | | |
| | • | Spanish River, Ontario | o; the back half | f of a CPR passenger train | , en route to Minneapol | is, left the track a | fter it struck the end | of a bridge | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1911.07.11 | ONTARIO | FIRE | • | PRESS | 73 | | | | |
| | | Forest Fires; Cochrane miles destroyed | e (and Northern | n Region),Ontario; 73 dea | d (unofficially in the hu | ndreds), hundreds | s made homeless, 50 | 0000 square | |
| | | nines desiroyed | | | | | | | |
| | | | | | | | | | |
| 1913.11.03 | ONTARIO | STORM | | | 200 | | | | |
| | | Lake Erië; severe stori | ns; winds up to | o 128 kph - 8 ships lost | source: EMO NS | 3 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1913.11.07 | ONTARIO | ACCIDENT | | PRESS | 235 | | | | |
| | | Lake Huron, Ontario; I were lost | Nov. 7-9, 1913 | ; 235 sailors drowned; thi | irty ships went down du | ring a fierce week | tend storm; eight ent | ire ship's crews | |
| | | W 010 105E | | | | | | | |
| | | | | | | | | | |
| 1916.02.03 | ONTARIO | FIRE | • | PRESS | 7 | | | | |
| | | Ottawa, Ontario; a fire | destroyed the | centre block of the parlian | ment buildings; only the | library survived | intact | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1916.07.29 | ONTARIO | FIRE | | PRESS | 228 | | 8 000 | | 3. |
| | | Forest fires; the towns of \$2.5 Million in property | of Cochrane & | Matheson were both dest fire resulted from a small | royed;228 death(unoffic blaze started by lighteni | ially as high as 4 | 00),8000 made home | eless, more than | |

Forest fires; the towns of Cochrane & Matheson were both destroyed; 228 death (unofficially as high as 400), 8000 made homeless, more than \$2.5 Million in property damage; the fire resulted from a small blaze started by lightening & augmented by fires started by sparks from a passing locomotive

| Date | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|------------|-----------------|--|---------------------------------|---|---------------------------------|---------------------|-----------------------|---------------|--------------|
| 1918.01.01 | ONTARIO | EPIDEMIC | - | PRESS | 50 000 | | | 2 000 000 | |
| | | Canada, nationwide; 19 canadians hard, affecti | 918-1925; mor ng more than o | re than 50,000 dead, two none quarter of the population | nillion affected; as part on | of a world-wide | outbreak, spanish inf | luenza hits | |
| 1922.09.30 | ONTARIO | FIRE | | PRESS | 43 | | 11 000 | | 8. |
| | | Forest fires;Haileybury square miles burned, \$ | (& Northern 8 million in pr | Region); Ontario; Sept.30- operty damage | -Oct.5,1922;43 Dead (1 | mofficially as hig | h as 150),11000 hon | neless,2000 | |
| 1935.11.01 | ONTARIO | EARTHQUAKE | 6.2 | PRESS | | | | | |
| | | Temiscaming Region, Ont. | Quebec-Ontari | io border; widely felt; ther | e was minor damage a | t Temiscaming, Q | ue., and North Bay a | and Mattawa, | |
| 1936.07.06 | ONTARIO | HEAT WAVE 2 week heat wave | source: So | me of the Disasters in Can | 500 ada Since 1900 | | | | |
| 1938.10.01 | ONTARIO | FIRE Dance Township, Onta | rio; Oct. 1938 | PRESS ; 20 dead, hundreds homel | 20 less, 92000 acres of for | est destroyed | | | |
| 1940.01.01 | ONTARIO | ACCIDENT Three Great Lakes Ship Classification 3 by Rob | os wrecked in sert L. Jones | storm source: "Cana | 69 dian Disasters - an His | etorical Survey" Jo | oumal of Natural Ha | zards | |

* A

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|--------------------|-----------------|---|----------------------------------|---|--------------------|--------------------|------------------------|-------------------|--------------|
| 1941.05.14 | ONTARIO | FIRE | • | PRESS | | | | | |
| | | Forest fires;Gogama, C | Intario; May 1 | 4-June 15,1941; no dead, 33070 | 00 acres destroye | d | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1943.09.10 | ONTARIO | ACCIDENT | • | PRESS | 12 | 2 | | | |
| | | Aldershot, Ontario; a C in two | Canada coach l | lines bus collided with a CPR par | ssenger train at t | he Aldershot cross | sing near Hamilton, | splitting the bus | |
| | | | | | | | | | |
| 10.11.00.05 | ONTARIO | EARTHQUAKE | 5.6 | PRESS | | | | | |
| 1944.09.05 | ONIARIO | - | | border; widely felt; there was da | maga in Compu | all Ont Massanal | NV and savaral adi | in comt | |
| | | communities | TO-IVEW TOIK | | anage in Comwa | an, One, wassena, | 4. I "and severar auj | acem | |
| | | | | | | | | | |
| | a.m. D.O | amon) (| | PNPGG | 40 | | | | |
| 1946.06.17 | ONTARIO | STORM | | PRESS | 17 | | | • | |
| | | I ornado; windsor, Ont | ario; damage i | to property estimated at \$500,000 | v; 100's injured | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1948.05.01 | ONTARIO | FIRE | | PRESS | | | | | |
| | | Mississagi/Chapleau; N | Aay-late Octol | ber,1948; 645,000 acres destroye | ed . | | | | |
| | | | | | | | | | |
| | | | | | | | • | | |
| 1949. 09.17 | ONTARIO | FIRE | | PRESS | 118 | | | | |
| | | Toronto,Ontario;118 ki in Toronto harbour at t | lled;a blaze b he time of the | roke out on the ship noronic,appa fire | arently due to a s | spontaneous comb | ustion in a closet;the | e ship was docked | |

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) | | | |
|-------------|----------|---------------------------|--|--|---|--------------------|----------------------------------|------------------|--------------|--|--|--|
| 1951.02.09 | ONTARIO | ACCIDENT | • | PRESS | 9 | 31 | • | | | | | |
| | | A bus collided with a | A bus collided with a CPR passenger train at the Coniston railway crossing near Sudbury; Coniston, Ontario | | | | | | | | | |
| | | | | | | | | | , | | | |
| | | | | | | | | | | | | |
| 1953.01.01 | ONTARIO | EPIDEMIC | • | PRESS | 481 | | | 8 000 | | | | |
| | | Canada, nationwide; 1 | 953; polio affe | cted more than 8000 canad | lians | | | | | | | |
| | • | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1953.05.21 | ONTARIO | STORM | • | | 7 | 40 | 500 | | | | | |
| | | Samia; tomado | source: E | mergency Planning Ontario | · · | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | • | | | | | |
| 1953.07.31 | ONTARIO | ACCIDENT | - | PRESS | 20 | | | | | | | |
| | | Morrisburg, Ontario; a | speeding expr | ess train hit a stalled truck | and plunged into a can | al | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1954.10.15 | ONTARIO | HURRICANE | • | PRESS | 83 | | | | 25. | | | |
| | | Toronto, Ontario; 10 c | m of rain in 12 | hours; hurricane Hazel hit | Toronto causing exten | sive flooding & n | nassive property dar | nage | | | | |
| | | | | | | | | | | | | |
| | | | • | | • | | | | | | | |
| 1963.03.07 | ONTARIO | CIVIL STRIFE | ٠ | GOVERNMENT | | | | | | | | |
| | | this period, resulting ir | ı several fataliti | 13,1980; Dozens of bomb & les & injuries, & damage to e October Crisis of 1970 | & arson attacks carried o public & private build | out by the Front o | de liberation du Qué otorious | bec (flq) during | | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--|---|---|--|--------------------------------------|-------------------------------------|---------------|--------------|
| 1966.01.01 | ONTARIO | ACCIDENT | ٠ | | 28 | | | | |
| | | Ore carrier "D.J. Mor Classification 3 by Ro | rell" sinks in L. H bbert L. Jones | łuron source: "Canadi | an Disasters - an His | torical Survey" Jo | oumal of Natural Ha | zards | |
| 1968.09.24 | ONTARIO | CIVIL STRIFE | • | PRESS | | | | | |
| | | Toronto, Ontario; bor there were no deaths of | nbs were placed a or injuries; a left- | at the homes of 12 senior e wing group protesting the | xecutives of the de H Vietnam war claimed | avilland Compan responsibility fo | y in Toronto; seven r the attack | exploded but | |
| 1970.07.05 | ONTARIO | ACCIDENT | • | PRESS | 109 | | | | |
| | | Toronto Airport, Onta attempt, the second st | ario; 109 dead (all arboard engine fe | l aboard); an Air Canada D ell off and the plane crashed | C-8 lost one starboar 1 | rd engine during a | landing attempt; or | the second | |
| 1970.08.20 | ONTARIO | STORM | - | | 6 | 200 | | | |
| | | Sudbury; tornado | source: Emerge | ency Planning Ontario | | | | | |
| | | | | | | | | | |
| 1973.03.18 | ONTARIO | STORM | • | | 12 | 43 | | | 17. |
| | | Barrie; blizzard | source: Emer | rgency Planning Ontario | | | | | |
| | | | | | | | | | |
| 1974.04.03 | ONTARIO | STORM | | | 9 | 30 | | | |
| | | Windsor; tornado | source:] | Emergency Planning Ontar | io | | | | |

| Date | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|------------|-----------------|--|---------------------------|------------------------------------|-------------------|---------------------|----------------------|-----------------|--------------|
| 1975.11.10 | ONTARIO | ACCIDENT | | PRESS | 29 | | | | |
| | | Lake Superior, Ontari gale in 156 metres of | o; 29 dead (enti water | ire crew); the 218-metre Ore car | rier Edmund Fit: | zgerald sailing out | of Sault Ste. Marie | sank during a | |
| 1977.01.28 | ONTARIO | STORM | • | PRESS | | | | | |
| | | Niagara Peninsula, Or | tario; this three | e-day storm was described as the | e worst winter st | orm in memory | · | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1977.12.09 | ONTARIO | STORM | | PRESS | | | | | |
| | | London, Ontario; a fie brought into the city | rce winter storr | m lasted for three days and left 1 | 100 cm of snow; | huge drifts blocke | d all roads; emerger | ncy forces were | |
| | | | | | | | | | |
| 1978.01.01 | ONTARIO | STORM | • | | 8 | | | | |
| | | S.W. Ontario; blizzaro | ; 32 cm of snov | w in 36 hrs source: So | me of the Disast | ers in Canada Sino | ce 1900 | | |
| | | | | | | | | | |
| 1979.08.07 | ONTARIO | STORM | | | 2 | | | | 7. |
| | | Woodstock; tornado | sourc | e: Emergency Planning Ontario |) | | | | |
| | | | | | | | | | |
| 1979.11.10 | ONTARIO | ACCIDENT | | PRESS | | | 225 000 | | 69. |
| | | Mississauga,Ontario;2 | 25000 people e | evacuated;a CPR train of 106 car | rs carrying many | dangerous chemie | cals derailed near M | orris Road in | • |

Mississauga, Ontario; 225000 people evacuated; a CPR train of 106 cars carrying many dangerous chemicals derailed near Morris Road in Mississauga & burst into flames, creating a spectacular explosion; the proximity of tank cars containing chlorine to propane tank cars that might have exploded & sent a toxic cloud of chlorine over the community was the reason behind the massive evacuation

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|----------|--|---------------------------------------|---|--|-------------------------------|------------------------|-----------------|--------------|
| 1980.01.01 | ONTARIO | FIRE | - | PRESS | | | 5 000 | | |
| | | Forest fires;Red Lak | e, Ontario; sumn | ner of 1980; 107900 acres | destroyed; 5000 people | e evacuated (3600 | airlifted to Winnipe | eg) | • |
| | | | | | | | | | |
| | | | | | | | | | |
| 1980.07.14 | ONTARIO | FIRE | • | PRESS | 21 | 35 | | | |
| | | Mississauga, Ontario | ; a fire spread qu | ickly through a nursing he | ome | | | | |
| | | - | • • | | | | | | |
| | | | | | | | | | |
| 1982.02.28 | ONTARIO | ACCIDENT | • | PRESS | | | 1 200 | | |
| | | | avamatado a C | PR freight train hauling to | vic chemicals & inflam | moble liquide we | | | |
| | | Offina, Officialo, 1200 | cvacuaicu, a C | K Height train hatting to. | NC Chemicals & Hillan | imable liquids wa | s deraned hear Offin | 14 | |
| | | | | | • | | | | |
| | | | - | | | | | | |
| 1982.04.08 | ONTARIO | CIVIL STRIFE | | PRESS | | 1 | | | |
| | | Ottawa, Ontario; an A life; three Armenians | rmenian national were later senter | list group(ASALA)tried to need for conspiracy to com | assassinate the Turkis mit murder | h commercial atta | ché;the attaché was | paralyzed for | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1982.08.27 | ONTARIO | CIVIL STRIFE | • | PRESS | 1 | | | | |
| | | Ottawa, Ontario; the | Furkish military | attaché was murdered on | his way to work by Ara | menian terrorists | | | |
| | | | | • | | | | | |
| | | | | | | | | | |
| 1982.10.14 | ONTARIO | CIVIL STRIFE | - | PRESS | | 10 | • | | 4. |
| | | Toronto, Ontario; Litto & caused \$3.87 Milli | n Industries Tor on in damage;the | onto plant was bombed;the | e Direct Action group of components for cruise | claimed responsib missiles | ility for the attack w | hich injured 10 | |

| Date | Province | Disaster type | Magnitude | | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|------------|----------|----------------------------|-------------------------------------|--|-------------------------------------|---------------------|----------------------|----------------|--------------|
| 1984.07.15 | ONTARIO | STORM Factors Region Onto | rio: Wastarn Da | PRESS egion, Quebec; 1 dead, 38 injur | 1 | 38 | 2200 1 | | |
| | | Eastern Region, Offici | no, western Re | egion, Quebec; 1 dead, 58 injur | ea; UND | RO: destruction of | 500 nouses | | |
| | | | | | | | | | |
| 1984.09.03 | ONTARIO | STORM | | | | | | | 65, |
| | | S. Ont; windstorm; 30 | injured in Lon | don source: Some of the | e Disasters in Can | | | | ω. |
| | | | • | | | | | | |
| | | | | | | | | | |
| 1985.05.31 | ONTARIO | STORM | • | PRESS | 12 | 500 | 800 | | 117. |
| | | Tornado;Barrie, Ontar | io; hundreds in | jured; 800 homeless, \$117 mil | lion in property d | amage | | | |
| | | UNDRO: Central Onta | ario; destructio | n of 300 houses; 500 injured | | | | | |
| | • | | | | | | | | |
| 1986.01.01 | ONTARIO | FLOOD | ٠. | | . 2 | | | | |
| | | Winisk River; northern | n Ontario; one | village swept away sou | urce: Emergency | Planning Ontario | | | |
| | | | | | • | | | | |
| | | | | | | | | | |
| 1986.03.12 | ONTARIO | CIVIL STRIFE | | PRESS | 1 | | | 11 | |
| | | Was killed & 11 hostag | Armenian terror ses held for fou | rists stormed the Turkish Embar hours;the terrorists eventually | issy in Ottawa usi y surrendered | ng a rented truck & | k automatic rifles;a | security guard | |
| | | | | | | | | | |
| 1086 02 21 | ONTARIO | CHEMICAL ACCIDENT | | Doces | | | | 5.00 5 | |
| 1986.03.31 | OMIMIO | | 0-5000 evecue | PRESS ted; a railway tank car leaked t | housands of asile | ne of accoling i | Storm cautom means | 5 000 | |
| | | evacuation | o sooo eracua | a raniway tank cat leaken t | nonsands of Bano | no or gasonne illio | storm sewers brom | thrurg an | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|------------------------------------|--------------------|---|---------------------|--------------------|---|---------------------|--------------|
| 1988.01.01 | ONTARIO | DROUGHT | • | PRESS | | | | | |
| | | Interior of British Co Billion) | lumbia to Ontar | io; 1988; net farm income fell b | y 16 per cent fro | m the previous ye | ar (a drop from \$5.2 | 4 Billion to \$4.43 | |
| | | | | | · · | | | | |
| 1989.03.10 | ONTARIO | ACCIDENT | • | PRESS | 24 | 45 | | | |
| | | Dryden, Ontario; an | Air Ontario F-28 | 3 passenger plane crashed shortly | y after take-off fi | rom a scheduled st | top in Dryden | | |
| | | | | | | | | | |
| 1000 01 07 | ONTARIO | CIVIL STRIFE | | | | | | | |
| 1989.04.07 | ONIARIO | | | GOVERNMENT | | | | | |
| | | Greyhound bus & div | erted it to Parlia | t claiming to represent the Liber ament Hill; several shots fired; n t way through the hijacking; the | o one injured: 9 | passengers were h | hijacked a Montreal eld hostage during | -New York | |
| | | | | | | | | | |
| 1990.01.01 | ONTARIO | CHEMICAL ACCIDENT | r · | | | | | 2 500 | |
| | | Harron; chemical fire | ; 2500 evacuate | d source: RD ON | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1990.02.12 | ONTARIO | FIRE | - | GOVERNMENT | | | | 4 000 | 2. |
| | | arsonists in a pile of 1 | 4 million used t | advised to move; \$1.5 Million to ires; the fire took 17 days to ext ne oily smoke became a prime fo | inguish: the toxic | c run-off from the | in indirect costs; a f | ire was set by | |

| Date | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|------------|-----------------|---|-------------------|---|-------------------------|--------------------|-----------------------|-------------------|--------------|
| 1906.01.01 | QUEBEC | CIVIL STRIFE | • | PRESS | 3 | | | | |
| | | Buckingham, Quebe | c; 1906; three pe | cople were killed during a s | trike clash | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1907.08.29 | QUEBEC | ACCIDENT | - | PRESS | 75 | | | | |
| | | Quebec City, Quebe | c; the southern s | pan of a bridge over the St. | Lawrence river collap | osed during const | ruction killing 75 wo | rkmen | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1908.04.26 | QUEBEC | LANDSLIDE | - | PRESS | 33 | | | | |
| | | Notre Dame de la Sal | lette, Quebec; ma | any injured; a tract of land is crashed into a row of build | half a mile wide and e | extending five hu | ndred yards back slid | l into the lievre | |
| | | iivoi, oairying which | two nouses, and | classica nito a 10 w of built | ungs on the opposite | side | | | |
| | | • | | | | | | | |
| 1914.05.29 | QUEBEC | ACCIDENT | • | PRESS | 1 014 | | | | |
| | | St.Lawrence River, Q salvation army; 840 c | uebec; the CP li | ner Empress of Ireland coll | ided with a norwegia | n coal ship and sa | mk in 14 minutes; m | any lost were | |
| | | buivation airiy, 040 c | ioud word pusson | Porp | | | | | |
| | | | | | | | | | |
| 1916.09.11 | QUEBEC | ACCIDENT | | PRESS | 13 | | | | |
| | | Quebec City, Quebec | ; a new centre sp | an being hoisted into posit | ion fell into the St.La | wrence killing 13 | workmen | | |
| | | | | • | | | | | |
| | | | | | | | | | |
| 1918.01.01 | QUEBEC | EPIDEMIC | • | PRESS | 50 000 | | | 2 000 000 | |
| | • | | | | | | | 2 000 000 | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|----------|---|-------------------------------------|--|-------------------|--------------------|---------------------|-------------------|--------------|
| 1918.01.01 | QUEBEC | CIVIL STRIFE | • | PRESS | 4 | | | | |
| | | Quebec City, Quebec; | four people w | ere killed during riots over cons | cription; 1918 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1925.03.01 | QUEBEC | EARTHQUAKE | 7.0 | PRESS | | | | | |
| • | | Charlevoix-Kamourasl and at Quebec City and | ca Region, Que I Shawinigan | ebec; the earthquake was widely | felt and caused | damage along the S | St.Lawrence river n | ear the epicentre | |
| | | | | | | | | | |
| | | | - | | | | | | |
| 1927.01.09 | QUEBEC | FIRE | | PRESS | 76 | | | | |
| | | Montreal, Quebec; a fi crushed to death & 64 | re started in the died of asphyx | e Laurier Place Theatre but was ciation; many were children | quickly extinguis | shed;however,in th | e ensuing panic 12 | people were | |
| | | | | | | | | | |
| 1930.01.01 | QUEBEC | ACCIDENT | - | | 30 | | | | |
| -, | • | | es and sinks in | St-Lawrence R. after lightning | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1935.11.01 | QUEBEC | EARTHQUAKE | 6.2 | PRESS | | | | | |
| | | Temiscaming Region, Ont. | Quebec-Ontari | io border; widely felt; there was | minor damage at | Temiscaming, Qu | e., and North Bay a | and Mattawa, | |
| | | | | | | | | | |
| | | | • | | | | | | |
| 1936.07.06 | QUEBEC | HEAT WAVE | | | 500 | | | | |
| | | 2 week heat wave | source: So | me of the Disasters in Canada Si | ince 1900 | | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|--------------|----------|---|-----------------------------------|---|--------------------------|------------------|------------------------|------------------|--------------|
| 1936.08.15 | QUEBEC | ACCIDENT | • . | PRESS | 22 | 20 | | | |
| | | Louisville, Quebec; a 1 | l6-car freight 1 | rain smashed into a farm | truck carrying more than | 40 people from | a friday night politic | al rally | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1938.01.01 | QUEBEC | CIVIL STRIFE | | PRESS | 1 | | | | |
| | | Sorel, Quebec; one per | son was killed | during a municipal electi | ion "battle"; 1938 | | | | |
| • | | | | | | | | | |
| | | | | | | | | | |
| 1943.10.19 | QUEBEC | ACCIDENT | • | PRESS | 24 | | | | |
| 20 1010-102 | • | | iberator bombe | er crashed; many of the pa | | leave: the wreck | age was not located | until June 1946 | |
| | | | | | mbengers were going on | | | | |
| | • | | | | | | | | |
| 10.40.05.01 | QUEBEC | FIRE | | PRESS | | | | | |
| 1948.05.01 | QUEBEC | | Any lote Octob | | | | | | |
| | | Mississagi/Chapleau, i | ray-rate Octor | per,1948; 645,000 acres d | estroyeu | | | | |
| | | | | | | | | | • |
| | | | | | | | | | |
| . 1949.09.09 | QUEBEC | ACCIDENT | | PRESS | 32 | | | | |
| | | Saint Joachim (near), (his two accomplices we | Quebec; a Quel ere later convi | bec airways DC-3 was sal cted & hanged | botaged with a bomb; the | plane exploded | & crashed; the sabot | eur, J.A. Guay & | |
| | | | | - | | | | | |
| | | | | | | • | | | |
| 1953.01.01 | QUEBEC | EPIDEMIC | - | PRESS | 481 | | | 8 000 | |
| | | Canada, nationwide; 19 | 953; polio affe | cted more than 8000 cana | dians | | | | |

| Date | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|------------|----------|---------------------------|-------------------|--|------------------------|--------------------|----------------------|-------------------|--------------|
| 1955.11.12 | QUEBEC | LANDSLIDE | - | PRESS | 3 | 6 | 2 000 | | |
| | | Nicolet, Quebec; a lan | dslide carries s | six buildings into a huge crate | er on the shore of the | Nicolet River; 20 | 00 evacuated | | |
| | | | | | | • | | | |
| | | | | | | | | | |
| 1958.01.01 | QUEBEC | CIVIL STRIFE | • | PRESS | 1 | | | | |
| | | Murdochville, Quebec | ; 1958; a strike | er was killed by his own bom | b | | | | |
| | | | | | | | | | |
| | | • | | | | | | | |
| 1962.05.23 | QUEBEC | LANDSLIDE | • | | 8 | | | | |
| | | Saguenay, Quebec | source: Som | e of the Disasters in Canada | Since 1900 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1963.03.07 | QUEBEC | CIVIL STRIFE | - | GOVERNMENT | | | | | |
| | | Quebec/Ontario; Marc | h 7,1963-Sept. | 13,1980; Dozens of bomb & | arson attacks carried | out by the Front | de liberation du Qué | ébec (flg) during | |
| | | this period, resulting in | ı several fatalit | ies & injuries, & damage to p le October Crisis of 1970 | public & private buil | dings; the most no | otorious | | |
| | | | | | | | | | |
| 1963.11.19 | QUEBEC | ACCIDENT | - | PRESS | 118 | | | | |
| | | Ste.Thérèse-de-Blainvi | ille,Quebec;118 | 8 dead(all aboard);a Trans Ca | anada DC-8 airline fl | ight crashed four | minutes after take-o | ff from Dorval | |
| | | Airport in Montreal;the | e crash has nev | er been satisfactorily explain | ed | | | | |
| | | | | | | | | | |
| 1964.06.13 | QUEBEC | LANDSLIDE | | | 4 | | | | |
| | 20000 | Lac St-Jean, Quebec | source: S | ome of the Disasters in Cana | | | | | |
| | | | 202.20. 0 | are Dioubleto at Cultu | | | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|----------|--|-------------------|--|----------------------|---------------------|------------------------|------------------|--------------|
| 1965.03.01 | QUEBEC | ACCIDENT | - | | 27 | . 48 | | | |
| | | Ville Lasalle; apartme | nt house blew | up source: EMO N | S | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1968.11.03 | QUEBEC | CIVIL STRIFE | • | PRESS | | | | | |
| | | Montreal,Quebec;bon | ibs were place | d at the homes of four senior e | xecutives of the Ur | nited Aircraft of C | anada Ltd;one boml | b exploded but | |
| | | there were no deaths of | or injuries;a lef | t-wing group protesting the Vi | ietnam war claimed | responsibility for | the attack | | |
| | | | | | | • | | | |
| 1969.01.01 | QUEBEC | FIRE | | PRESS | . 38 | | | | |
| | | Notre-Dame-du-lac, (| Quebec; 1969; i | ndustrial incident - unspecifie | :d | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1970.10.05 | OUEBEC | CIVIL STRIFE | | GOVERNMENT | 1 | | | | |
| 2710.20.00 | X | | ish commercia | l attaché James Cross was kid | | on Oct.5:encoura | ged by their success | the FLO then | |
| | | kidnapped Quebec Mi | nister of Labor | ur & Acting Premier Pierre La War Measures Act; Cross was | porte on Oct. 10; he | was murdered on | Oct. 17; In response, | the | |
| | | kidnappers being allo | | | , | | 0 | | |
| 1071 02 04 | QUEBEC | STORM | | PRESS | | | | | |
| 1971.03.04 | QUEBEC | | oitula manat an | | our winds of 110 l | con/h own dugs d hu | aa duifaa alaamiaitu | mut fan t | |
| | | to seven days | city's worst si | nowstorm dumped 47 cm of sn | iow; whice of 110 F | anyn produced nu | ge drifts; electricity | was cut for two | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1971.05.04 | QUEBEC | LANDSLIDE | | PRESS | 31 | | 1 500 | | 17. |
| | | Saint-Jean-Vianney, C swallowing 36 homes | | d; 1500 evacuated (entire town nd a bus | n); during a lengthy | rainstorm, a 213- | metre hole appeared | l in the ground, | |

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|----------|-------------------------|---------------------|------------------------------|-------------------------|--------------------|-----------------------|-----------------|--------------|
| 1972.09.01 | QUEBEC | FIRE | • | PRESS | 37 | 50 | | | |
| | | Montreal, Quebec; the | e fire was set in | blue bird nightclub by thre | e patrons who were e | jected from the es | tablishment earlier i | n the evening | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1974.01.01 | QUEBEC | FLOOD | - | PRESS | | | | | 75. |
| | | Quebec; January to Ju | ne; \$75 million | n in damages; over 300 mur | nicipalities were affec | ted by the provinc | e-wide flooding and | many people had | |
| | | to be evacuated; the fl | ooding was car | used by an unusually wet sp | oring combined with e | excessive run-off | | | |
| | | | | | | | | | |
| 1975.07.25 | QUEBEC | STORM | | PRESS | | 40 | 300 | | 3. |
| | | Tornado;Saint Bonave | enture, Quebec; | \$2.5-3 Million in damage | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1976.04.01 | QUEBEC | FLOOD | - | PRESS | | | | | 20. |
| | | Quebec; spring, 1976; | \$20 million in | damages;province-wide flo | ooding caused by an u | nusually wet sprir | ng combined with he | avy run-off | |
| | | affected several areas | of the province | most notably the Montreal | area, Trois Rivieres, | Eastern Township | s and the Outaouais | | |
| | | | | | | | | | |
| 1978.08.04 | QUEBEC | ACCIDENT | | PRESS | 40 | | | | |
| | | Eastman, Quebec; a ch | nartered bus'bra | ikes failed and plunged into | Lac d'Argent; the bu | s was carrying phy | ysically and mentally | / handicapped | |
| | | people | | • - | _ | | | | |
| | | | | | | | | | |
| 1979.03.29 | QUEBEC | ACCIDENT | - | PRESS | 17 | 7 | | | |
| | - | | ec City; a Ouel | pecair F27 was destroyed (c | | | | | |
| | | | 3 , 2 | -, (- | , | | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--------------------------|-----------------|--|-------------------------|----------------------|-----------------------|-----------------|--------------|
| 1979.12.31 | QUEBEC | FIRE | • | PRESS | 44 | 50 | | | |
| | | Chapais, Quebec; the | fire began duri | ng a new year's eve party a | at a social club when | a man playing with | a lighter set decorat | ions on fire | |
| | | | | | | | | • | |
| | | | | | | | | | |
| 1982.01.09 | QUEBEC | EARTHQUAKE | 5.7 | | | | | | |
| | | Miramichi, Quebec | source: Son | ne of the Disasters in Cana | ada Since 1900 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1983.12.07 | QUEBEC | FLOOD | • | PRESS | | | | | 58. |
| | | Gaspe and north shore | of St.Lawrenc | e River, Quebec; December oads and municipal and pr | er 7-8, 1983; \$58 mil | ion in damages; hi | gh tides combined w | ith a severe | |
| | | windstorm caused sev | ere damage to i | toads and municipal and pr | nvate property | | | | |
| | | | | • | | | | | |
| 1984.07.15 | QUEBEC | STORM | ٠ | PRESS | 1 | 38 | | | |
| | | Eastern Region, Ontar | io; Western Re | gion, Quebec; 1 dead, 38 i | njured; UND | RO: destruction of | 300 houses | | |
| | • | | | | | | | | |
| | | | | | | | | | |
| 1984.09.03 | QUEBEC | CIVIL STRIFE | | PRESS | 3 | 30 | | | |
| | | Montreal, Quebec; a ret | ired U.S.Milita | ry officer planted a bomb | in Montreal's Central | Station to protest a | papal visit to Canad | la scheduled to | |
| | | take place the following | ig week;ine boi | nb killed three & wounder | 130 | | | | |
| | | | | | | | | | |
| 1986.02.15 | QUEBEC | ACCIDENT | - | PRESS | | 42 | | | |
| | | Quebec City, Quebec; | a Via Rail pass | enger train rammed a CN | R freight train just ou | side Quebec City | | | |
| | | | | | | | | | |

| <u>Date</u> 1987.07.14 | Province QUEBEC | Disaster type STORM Tomado; Montreal, Q | | Information source source: Some of the Disaste | # of killed ers in Canada Since 1 | # of injured | # of homeless | # of affected | Damage (M\$) 100. |
|---------------------------|-----------------|---|--|---|--|--|---|-------------------------------|-------------------|
| 1988.08.23 | QUEBEC | FIRE StBasile-le-Grand,Q posed by the smoke fr | uebec;3800 peo om the fire caus | PRESS ple evacuated;a fire broke sed the evacuation | out in a warehouse c | ontaining 3800 bar | rels of pcbs;the pote | 3 800 ential health threat | 50. |
| 1988.11.25 | QUEBEC | EARTHQUAKE Saguenay Region, Que | 6.0 ebec; some min | PRESS or damage was caused at J | onquiere, Chicoutim | i, La Baie and Que | bec City | | 20. |
| 1989.04.07 | QUEBEC | Greyhound bus & dive | erted it to Parlia | GOVERNMENT claiming to represent the ment Hill; several shots fire tway through the hijacking | red; no one injured; 9 | passengers were h | hijacked a Montreal eld hostage during | -New York | |
| 1989.12.12 | QUEBEC | CHEMICAL ACCIDENT St-Léonard d'Aston; D | | lment; chemical products; | 800 evacuated | source: RD QC | | 800 | |
| 1990.03.11 | QUEBEC | expansion of the Oka a blocking of the Mercie continued all summer the crisis gave rise to r | golf club;this lear or Bridge near C with attention for native protests a | GOVERNMENT rrior's Society set up roadled, on July 11, to the death hateauguay, southwest of ocused on the Kahnesatake and sympathy blockades accessatake surrendered to the | of a QPP during a fai Montreal;the army we reserve at Oka and ross Canada;the crisi | iled assault on the t vas called in to hand the Kahnawake res is came to an end w | parricades and the dle the situation;the erve near Chateaugu then a hard core of N | standoff ay; | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|-------------------------|----------------|-------------------------------------|-------------|--------------|---------------|---------------|--------------|
| 1990.04.12 | QUEBEC | FIRE | • | | | | | | |
| | | Ste-Anne des Plaines; 5 | 0,000 tires on | fire | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1990.05.16 | QUEBEC | FIRE | | PRESS | | | | | |
| | | | | fire started accidentally in a pile | | | | vith | |

Saint-Amable, Quebec; May 16-19; a fire started accidentally in a pile of 3.5 Million tires & took three days to extinguish; as with Hagersville, the environmental pollution aspects of the emergency dominated the media coverage of the fire; the fire was extinguished with sand

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|---|--------------------------------|--|-----------------------------|----------------------|-----------------------|----------------|--------------|
| 1918.01.01 | N BRUNSWICK | EPIDEMIC | • | PRESS | 50 000 | | | 2 000 000 | |
| | | Canada, nationwide; 19 canadians hard, affectin | 18-1925; mor ng more than c | e than 50,000 dead, two m one quarter of the population | illion affected; as part on | of a world-wide o | utbreak, spanish infl | uenza hits | |
| 1930.01.01 | N BRUNSWICK | | s and sinks in | St-Lawrence R. after light | 30 | | | | |
| | | Join D. Ming Capitode | s are sums in | , or Lawrence R. after fight | amig strike | | | | |
| 1936.07.06 | N BRUNSWICK | HEAT WAVE | - | | 500 | | | | |
| | | 2 week heat wave | source: Son | me of the Disasters in Cana | ada Since 1900 | | | | |
| | | | | | | | | | |
| 1953.01.01 | N BRUNSWICK | EPIDEMIC | - | PRESS | 481 | | | 8 000 | |
| | | Canada, nationwide; 19 | 53; polio affe | cted more than 8000 canad | ians | | | | |
| 1959.06.20 | N BRUNSWICK | ACCIDENT | | PRESS | 35 | | | | |
| 1,0,10020 | | | wick; twenty- | two boats were destroyed v | | it a fishing fleet o | off Escuminac | | |
| | | | | | | | | | |
| 1964.01.01 | N BRUNSWICK | STORM | • | | 23 | 8 | | | |
| | | Severe winter storm hits by Robert L. Jones | Maritimes | source: "Canadian Dis | asters - an Historical S | urvey" Journal o | f Natural Hazards Cl | assification 3 | |

| <u>Date</u> | <u>Province</u> | Disaster type Magnitud | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--|------------------------------------|--|--|---|----------------------|--------------|
| 1977.01.01 | N BRUNSWICK | FIRE . | | 20 | | | | |
| | | Cell block fire; Saint John sour Jones | ce: "Canadian Disasters - an Histo | rical Survey" Jour | rnal of Natural Ha | zards Classification | 3 by Robert L. | |
| 1982.01.01 | N BRUNSWICK | EARTHQUAKE 5.7 | PRESS | | | | | |
| | | Miramichi Region, New Brunswich | ; magnit. 5.7 And 5.4 (1982) | | | | | |
| 1986.05.15 | N BRUNSWICK | FIRE | PRESS | | | 2 000 | | |
| | | Grand Falls, Newfoundland; Upper evacuated between Upper George I result of unseasonably warm, dry w | own & Burton; worst of a series of | nswick; May 15-1 f more than 100 fo | 6,1986; 1000 evac orest fires burning | cuated at Grand Fal across Eastern Can | ls, 1000 ada as a | |
| 1987.04.02 | N BRUNSWICK | FLOOD | PRESS | | | | | 11. |

Perth-Andover, New Brunswick; \$11 million in property damage

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|---|------------------|--|---------------------------|--------------------|-----------------------|---------------|--------------|
| 1905.02.15 | NOVA SCOTIA | STORM | • | | | | | | |
| | | 15-17 Feb; severest sto | rm of the "yea | r of the big snow" | source: RD NS | | | | |
| | | | | | | | | | |
| | | | | | | | • | | |
| 1917.07.25 | NOVA SCOTIA | ACCIDENT | | PRESS | 65 | | | | |
| | | New Waterford, Nova | Scotia; an expl | losion took place in mine | no.1 of the dominion c | oal company | | | |
| • | | | | | | | | | |
| | | | | | | | | • | |
| 1917.12.06 | NOVA SCOTIA | ACCIDENT | | PRESS | 1 600 | 9 000 | 6 000 | | 35. |
| | | OFDA:French/Belgian | ships collided | off Halifax press:Halif | fax,Nova Scotia;1600 de | ead,9000 injured;6 | 000 homeless;prope | rty damage in | |
| | | excess of \$35 million;2 Mont Blanc, caught fire | ships, one fill | ed with explosives & muded; an idea of the force | mitions, collided in Hali | fax Harbour: the r | nunitions ship the | | |
| | | metres into the air | | | | | | | |
| 1918.01.01 | NOVA SCOTIA | EPIDEMIC | • | PRESS | 50 000 | | | 2 000 000 | |
| | | Canada, nationwide; 19 | 18-1925; more | e than 50,000 dead, two | million affected; as part | of a world-wide o | utbreak, spanish infl | luenza hits | |
| | | canadians hard, affecting | g more than o | ne quarter of the populat | ion | | • | | |
| | | | | | | | | | |
| 1918.01.23 | NOVA SCOTIA | ACCIDENT | • | PRESS | 88 | 11 | | | |
| | | Pictou County, Nova So | otia; 88 dead, | 11 survivors; an explosi | on at the Allen coal shai | | on & New Glasgow | | |
| | | • | | - | | | | | |
| | | | | | | | | | |
| 1925.01.01 | NOVA SCOTIA | CIVIL STRIFE | - | PRESS | 1 | | | | |
| 1,20,01,01 | | 1925; one death resulted | l from a strike | | • | | | | |
| | | , | | | | | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|---------------|------------------------|-----------------|------------------------------|-----------------------|------------------|-----------------------|----------------|--------------|
| 1928.04.14 | NOVA SCOTIA | ACCIDENT | • | PRESS | 115 | | | | |
| | | Halifax, Nova Scotia; | the 18-gun slo | op acorn sank near Halifa | c | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1930.01.01 | NOV A S COTIA | ACCIDENT | • | | 30 | | | | |
| | • | "John B. King" explod | es and sinks in | St-Lawrence R. after ligh | atning strike | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1936.07.06 | NOVA SCOTIA | HEAT WAVE | • | | 500 | | | | |
| | | 2 week heat wave | source: So | me of the Disasters in Car | ada Since 1900 | | | | |
| | | | | | | | | | |
| • | | | | | | | | | |
| 1938.12.06 | NOVA SCOTIA | ACCIDENT | • | PRESS | 20 | | | | |
| | | Sydney Mines, Cape B | reton, Nova Se | cotia; a chain of small cars | known as a "man rake" | was being lower | ed into the shaft who | en a cable | |
| | | snapped sending the ca | rs, laden with | more than 200 men, crash | ing to the bottom | | | | |
| | | | | | | | | | |
| 1952.01.14 | NOVA SCOTIA | ACCIDENT | • | PRESS | 19 | | | | |
| | | Pictou County, Nova S | cotia; there wa | as a gas explosion in the M | IcGregor mine & 19 me | n who stayed beh | ind to block off the | langerous area | |
| | | died | | | | | | | |
| | | | | | | | | | |
| 1953.01.01 | NOVA SCOTIA | EPIDEMIC | | PRESS | 481 | | | 8 000 | |
| | | Canada, nationwide; 19 | 953; polio affe | cted more than 8000 canad | lians | | | | |
| | | | | | | | | | |

| Date | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|------------|------------------|--|--------------------------------|--|----------------------------|-----------------------|-----------------------|--------------------|--------------|
| 1956.11.01 | NOVA SCOTIA | ACCIDENT | • | PRESS | 39 | 88 | | | |
| | | Springhill, Nova Scotia underground but later re | ; 39 dead, 88 escued | survivors; a gas explosion blaste | ed Cumberland's r | no.4 colliery; the | 88 survivors were tra | apped | |
| 1958.10.23 | , NOVA SCOTIA | ACCIDENT | | PRESS | 75 | | | | |
| | | Springhill, Nova Scotia; underground but later re | 75 dead,99 su scued | rvivors;a tunnel collapsed in the | e no.2 colliery cau | sing an explosion | i;the 99 survivors we | ere trapped | |
| 1960.02.04 | NOVA SCOTIA | ACCIDENT Chedabucto Bay; oil spi | ll; tanker "arr | ow" ran aground on cerberus ro | ck; cost: 3.1 Milli | on; polluted 300k | em of coast source | e: EMO NS | 3. |
| 1964.01.01 | NOVA SCOTIA | STORM Severe winter storm hits by Robert L. Jones | Maritimes | source: "Canadian Disaster | 23 's - an Historical S | 8 urvey" Journal o | f Natural Hazards C | lassification 3 | |
| 1979.02.24 | NOVA SCOTIA | ACCIDENT Glace Bay, Nova Scotia | .; the deaths & | PRESS injuries were the result of an ex | 12 xplosion in the no. | 4 .26 mine | | | |
| 1986.05.30 | NOVA SCOTIA | CHEMICAL ACCIDENT Canning, Nova Scotia;50 warehouse caught fire & | 0 evacuated;r : spewed haza | PRESS esidents of the small farming cordous fumes & smoke over the | ommunity of cann town | ing had to leave h | ome after a chemica | 500 al supplies | |

| Date | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|------------|-----------------|---------------|------------------|--------------------|-------------|--------------|---------------|---------------|--------------|
| 1988.12.15 | NOVA SCOTIA | ACCIDENT | • | INSURANCE | | | | | 90. |
| | | | | | | | | | |

Shipwreck of drilling platform "Rowan Gorilla 1"

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--|-----------------------|---|---------------------------------|-------------------|-----------------------|-----------------|--------------|
| 1918.01.01 | PEI | EPIDEMIC | | PRESS | 50 000 | | | 2 000 000 | |
| | | Canada, nationwide; canadians hard, affect | 918-1925; more than o | re than 50,000 dead, two none quarter of the populati | nillion affected; as part on | of a world-wide o | outbreak, spanish inf | luenza hits | |
| 1930.01.01 | PEI | ACCIDENT | • | | 30 | | | | |
| | | "John B. King" explo | les and sinks in | n St-Lawrence R. after ligh | utning strike | | | | |
| 1936.07.06 | PEI | HEAT WAVE | | | 500 | | | | |
| | | 2 week heat wave | source: So | me of the Disasters in Car | ada Since 1900 | | | | |
| | | | | | | , | | | |
| 1953.01.01 | PEI | EPIDEMIC | | PRESS | 481 | | | 8 000 | |
| | | Canada, nationwide; 1 | 953; polio affe | cted more than 8000 cana | dians | | • | · | |
| 1964.01.01 | PEI | STORM | | | 23 | 8 | | | |
| | | Severe winter storm h by Robert L. Jones | its Maritimes | source: "Canadian Di | isasters - an Historical S | Survey" Journal o | f Natural Hazards C | lassification 3 | |
| 1982.02.22 | PEI | STORM | | PRESS | | | | • | |
| | | | islanders were | marooned for five days in | a crippling blizzard; w | vinds of 80 km wh | ipped a 60-cm snow | fall into 7-m | |

| <u>Date</u> | Province | Disaster type Mag | gnitude Information source | # of killed # | of injured # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|---|---|-----------------------------------|-----------------------------------|---------------|--------------|
| 1914.01.01 | NFLD | ACCIDENT | | 173 | | | |
| | | "Southern Cross" vanishes in Classification 3 by Robert L. | n storm off NFLD source: "Cana . Jones | dian Disasters - an Histori | cal Survey" Journal of Natural Ha | zards | |
| 1914.03.01 | NFLD | ACCIDENT | | 253 | | | |
| | | NFLD seal hunt area; Newfo | oundland sealers stranded on ice | source: EMO NS | | | |
| | | | | | | | |
| 1918.01.01 | NFLD | EPIDEMIC . | PRESS | 50 000 | | 2 000 000 | |
| | | Canada, nationwide; 1918-19 canadians hard, affecting mor | 925; more than 50,000 dead, two mire than one quarter of the population | llion affected; as part of a n | world-wide outbreak, spanish infl | uenza hits | |
| 1929.11.18 | NFLD | EARTHQUAKE | 7.2 PRESS | 27 | | | 2 |
| | | | wfoundland; Nov.18,1929; this offsi | | a large ocean wave(tsunami) which | ch drowned 27 | 2. |
| | | | | | | | |
| 1929.11.18 | NFLD | TSUNAMI | PRESS | 27 | | | |
| | | Burin Peninsula ,Newfoundla 27 people when it stuck the B | and; an offshore earthquake (magnit Burin Peninsula | .7.2) In the atlantic genera | ted a large ocean wave (tsunami) | which drowned | |
| | VIII D | | | | | | |
| 1930.01.01 | NFLD | ACCIDENT | | 30 | | | |
| | | John B. King" explodes and | sinks in St-Lawrence R. after lightr | ing strike | | | |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|---|-----------------------------------|---|---------------------------|---------------------|----------------------|--------------------|--------------|
| 1935.08.25 | NFLD | STORM | • | | 50 | | | | |
| | | Villages destroyed | source: Some | of the Disasters in Canada | Since 1900 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1936.07.06 | NFLD | HEAT WAVE | • | • | 500 | | | | |
| | | 2 week heat wave | source: So | ome of the Disasters in Cana | ada Since 1900 | | | | |
| | | | | | | | | | |
| | | | | | | | | | • |
| 1942.01.01 | NFLD | ACCIDENT | - | | 204 | | | | |
| | | "Truxton" & "Pollux" by Robert L. Jones | aground off N | FLD source: "Canadian I | Disasters - an Historica | al Survey" Journa | l of Natural Hazards | s Classification 3 | |
| | | - , 11000 .10 <u>-</u>1 101. 00 | | | | | | | |
| | | | | | | | | | |
| 1942.12.12 | NFLD | FIRE | - | PRESS | 99 | 100 | | | |
| | | St. John's, Newfoundla were restricted, all do | and;100 serious ors opened inw | ly injured; most Canadian mards; and there was no eme | nilitary; an arsonist set | t fire to the packe | d knights of Columb | ous Hostel; exits | |
| | | • | • | , | -ggg-y | • | | | |
| | | | | | | | | | |
| 1953.01.01 | NFLD | EPIDEMIC | • | PRESS | 481 | | | 8 000 | |
| | | Canada, nationwide; | 1953; polio affe | cted more than 8000 canadi | ians | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1959.01.01 | NFLD | CIVIL STRIFE | • | PRESS | 1 | | | | |
| | | Badger, Newfoundlar | nd; 1959; one pe | erson was killed during a str | rike clash | | | | • |

| <u>Date</u> | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|---|----------------------------------|---|---|-------------------------|-----------------------------|--------------------|--------------|
| 1959.02.16 | NFLD | STORM | • | PRESS | 6 | | | 70 000 | |
| | | Newfoundland; descri drifts | bed as the prov | rince's worst snowstorm, i | t claimed six lives, left | 70,000 without el | ectricity, and blocke | d roads with 5-m | |
| 1964.01.01 | NFLD | STORM Severe winter storm h by Robert L. Jones | its Maritimes | source: "Canadian D | 23 isasters - an Historical S | 8 Survey" Journal (| of Natural Hazards C | Classification 3 | |
| 1976.12.26 | NFLD | FIRE St. John's,Newfoundla | nd; a fire broke | PRESS e out in a nursing home | 21 | | | | |
| 1981.07.03 | NFLD | ACCIDENT Newfoundland; 19 sur | · vivors; the ship | PRESS artic explorer apparently | 13 hit an iceberg and sank | 19 in icy waters off | Newfoundland's nor | them coast | |
| 1982.01.19 | NFLD | EARTHQUAKE Labrador City, Newfor tidal wave to strike the | ındland; \$1 mi Burin Peninsu | GOVERNMENT llion in damage (approxin la, sweeping away houses | nately); an earthquake c s, boats and fishing stag | entred off the Gui | if of St.Lawrence cat | used a 4.6-metre | 1. |
| 1982.01.19 | NFLD | COLD WAVE Extreme cold; Labrado city was left without por | r, Newfoundla | PRESS nd; 200 evacuated; tempe s were evacuated | ratures of -30 F and col- | der caused power | 200 lines to snap from w | reight of ice; the | |

EPC Disaster Database developed from CRED Disaster Database

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) | | | |
|-------------|-----------------|--|---|-------------------------|------------------------|--------------------|--------------------|---------------|--------------|--|--|--|
| 1982.02.15 | NFLD | ACCIDENT | • | PRESS | 84 | | | | 45. | | | |
| | | Newfoundland; the o | cean-drilling rig | Ocean Ranger overturned | and sank during a stor | rm of the east coa | st of Newfoundland | | | | | |
| | | the cost of the insura NFLD) | he cost of the insurance settlement with surviving family members was never made public but no doubt several millions were involved (RD IFLD) | | | | | | | | | |
| | , | | | | • | | | | | | | |
| 1985,12.12 | NFLD | ACCIDENT | - | PRESS | 256 | | | | | | | |
| | | Gander; 256 dead (246 American soldiers and an aircrew of eight); a chartered Arrow Air DC-8 crashed seconds after take-off from a refueling stop; all aboard perished | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1986.05.15 | NFLD | FIRE | • | PRESS | | | 2 000 | | | | | |
| | | Grand Falls, Newfoundland; Upper George Town & Burton, New Brunswick; May 15-16,1986; 1000 evacuated at Grand Falls, 1000 evacuated between Upper George Town & Burton; worst of a series of more than 100 forest fires burning across Fastern Canada as a | | | | | | | | | | |

evacuated between Upper George Town & Burton; worst of a series of more than 100 forest fires burning across Eastern Canada as a result of unseasonably warm, dry weather

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--|-----------------------------------|---|-----------------------------------|--------------------|-----------------------|---------------|--------------|
| 1918.01.01 | YUKON | EPIDEMIC | • | PRESS | 50 000 | | | 2 000 000 | |
| | | Canada, nationwide; 1 canadians hard, affect | 1918-1925; mor ing more than o | re than 50,000 dead, two one quarter of the popular | million affected; as part tion | of a world-wide o | outbreak, spanish inf | luenza hits | |
| 1936.07.06 | YUKON | HEAT WAVE | - | | 500 | | | | |
| | | 2 week heat wave | source: So | me of the Disasters in Ca | mada Since 1900 | | | | |
| 1953.01.01 | YUKON | EPIDEMIC Canada, nationwide; 1 | 953; polio affe | PRESS cted more than 8000 cans | 481 adians | | | 8 000 | |
| 1958.07.10 | YUKON | EARTHQUAKE Alaska-British Colum | 7.9 bia border; wid | PRESS espread damage in Alask | a & widely felt in northe | ern B.C. and the Y | 'ukon | | |
| 1979.02.28 | YUKON | EARTHQUAKE Southern Yukon-Alasi | 7.2 ca border; felt s | PRESS trongly in Canada | | | | | |

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|--|--------------------------------------|--|--|----------------------|------------------------|-------------------|--------------|
| 1918.01.01 | NWT | EPIDEMIC | • | PRESS | 50 000 | | | 2 000 000 | |
| , | | Canada, nationwide; 1 canadians hard, affect | 918-1925; moring more than o | re than 50,000 dead, two none quarter of the population | nillion affected; as part on | of a world-wide of | outbreak, spanish inf | luenza hits | |
| 1933.11.20 | NWT | EARTHQUAKE | 7.3 | PRESS | | | | | |
| | | Baffin Bay, Northwes | t Territories; th | e largest earthquake ever l | known inside the Artic | Circle | | | |
| 1936.07.06 | NWT | HEAT WAVE 2 week heat wave | source: So | me of the Disasters in Can | 500 nada Since 1900 | | | | |
| | | | 2023001 20 | | | | | | |
| 1953.01.01 | NWT | EPIDEMIC Canada, nationwide; 1 | 953; polio affe | PRESS cted more than 8000 canad | 481 dians | | | 8 000 | |
| 1974.10.30 | NWT | ACCIDENT Rae Point, Northwest | Γerritories; two | PRESS o survivors; a Pan-Artic Oi | 32 ils Lockheed Electra cra | 2 ashed | | | |
| 1978.01.24 | NWT | ACCIDENT Northwest Territories; wide area; the search f | a Soviet satelli or radioactive 1 | PRESS ite, Cosmos 954, came dov material covered 124,000 k | wn in the Northwest Te km & cost \$10 million | rritories scattering | g 65 kg of radioactive | e material over a | 10. |

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|----------------------------------|------------------------|--|-------------------|------------------|----------------------|--------------------|--------------|
| 1979.02.08 | NWT | STORM | • | PRESS | | | | | |
| | | Iqualuit (formerly Frobdays | isher Bay), No | orthwest Territories; a temperatur | e of -40 c and 10 | 00 km/h winds wi | th snow kept resider | ats indoors for 10 | |
| 1985.10.05 | NWT | EARTHQUAKE Nahanni; NWT sou | . 6.6 rce: RDBC& | :YUKON | · | | | | |
| 1985.12.23 | NWT | EARTHQUAKE Nahanni Region, North | 6.9 west Territorie | PRESS es: magnit.:6.6 And 6.9; Widely f | elt in the NWT, | and northern Alb | erta and B.C. | | |

| Date | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|------------|----------|--|-----------------------------------|---|--|---|---|---------------|--------------|
| 1918.01.01 | SEVERAL | EPIDEMIC | • | PRESS | 50 000 | | • | 2 000 000 | |
| | | Canada, nationwide; i canadians hard, affect | 1918-1925; mor ing more than o | re than 50,000 dead, two mone quarter of the population | nillion affected; as part on | of a world-wide o | outbreak, spanish inf | luenza hits | |
| 1930.01.01 | SEVERAL | ACCIDENT | • | | 30 | | | | |
| | | "John B. King" explo | des and sinks in | St-Lawrence R. after ligh | tning strike | | | | |
| 1931.01.01 | SEVERAL | DROUGHT | • | GOVERNMENT | • | | | 250 000 | |
| | · | Western Canada (Prai shortages plagued We 250,000 people left th | stem Canada fo | 1931-1940; the dirty thirtien or almost a decade causing | es; dust storms, plant ru immense social and ec | ist, heat waves, gr onomic hardship; | rasshopper plagues a it is estimated | nd water | |
| 1935.11.01 | SEVERAL | EARTHQUAKE | 6.2 | PRESS | | | | | |
| | | _ | Quebec-Ontari | io border; widely felt; there | e was minor damage at | Temiscaming, Q | ue., and North Bay a | nd Mattawa, | |
| 1936.07.06 | SEVERAL | HEAT WAVE | ٠ | | 500 | | | | |
| | | 2 week heat wave | source: So | me of the Disasters in Cana | ada Since 1900 | | | | • |
| | | | | | | | | | |
| 1948.05.01 | SEVERAL | FIRE | - | PRESS | | | | | |
| | | Mississagi/Chapleau; | May-late Octob | er,1948; 645,000 acres des | stroyed | | | | |

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|---|-----------------------------------|---|-------------------------|--------------------|---------------------------------|-------------------|--------------|
| 1953.01.01 | SEVERAL | EPIDEMIC | • | PRESS | 481 | | | 8 000 | |
| | | Canada, nationwide; 1 | 953; polio affe | cted more than 8000 canad | lians | | | | |
| | | | | | | | | • | |
| | | | | | | | | | |
| 1958.07.10 | SEVERAL | EARTHQUAKE | 7.9 | PRESS | | | | | |
| | | Alaska-British Columb | oia border; wid | espread damage in Alaska | & widely felt in north | ern B.C. and the | Yukon | | |
| | | | | | | | | | |
| • | | | | | | | | | |
| 1961.01.01 | SEVERAL | DROUGHT | • | PRESS | | | | | |
| | | Western Canada (1961 |) | | | | , | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1963.03.07 | SEVERAL | CIVIL STRIFE | • | GOVERNMENT | | | • | | |
| | | Quebec/Ontario; March | h 7,1963-Sept. several fatalit | 13,1980; Dozens of bomb | & arson attacks carrie | d out by the Front | de liberation du Qu otorious | ébec (flq) during | |
| | | single event during this | period was th | ies & injuries, & damage to e October Crisis of 1970 | - F | g., | | | |
| | | | | | | | | | |
| 1964.01.01 | SEVERAL | STORM | • | | 23 | 8 | | | |
| | | Severe winter storm his by Robert L. Jones | ts Maritimes | source: "Canadian Dis | sasters - an Historical | Survey" Journal o | of Natural Hazards (| Classification 3 | |
| | | • | | | | | | | |
| | | | | | | | | | |
| 1977.01.01 | SEVERAL | DROUGHT | • | PRESS . | | | | | |
| | | Western Canada (1977) |) | | | | | | |

| Date | Province | Disaster type | Magnitude | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|------------|----------|---|--------------------------------|--|---------------------|----------------------------|----------------------|---------------|--------------|
| 1980.01.01 | SEVERAL | DROUGHT | - | PRESS | | | | | • |
| | | Western Canada (1986 | 0) | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1984.01.01 | SEVERAL | DROUGHT | | PRESS | | | | 10 000 | 1 000. |
| | | Western Canada; 1984 | 1; losses resulti | ng from the drought were estima | ited at \$1 billion | ; over 10,000 farm | ns were affected | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1984.07.15 | SEVERAL | STORM | • | PRESS | 1 | 38 | | | |
| | | Eastern Region, Ontar | io; Western Re | egion, Quebec; 1 dead, 38 injured | i; UNDI | RO: destruction of | 300 houses | | |
| | • | | | | | | | | |
| | | | | | | | | | |
| 1985.01.01 | SEVERAL | DROUGHT | • | PRESS | | | | | 50. |
| | | Western Canada; 1985 | ; losses resulti | ng from the drought were estima | ted at \$50 millio | on | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 1985.12.23 | SEVERAL | EARTHQUAKE | . 6.9 | PRESS | | | | | |
| | | Nahanni Region, Nort | hwest Territori | es: magnit.:6.6 And 6.9; Widely | felt in the NWT | , and northern Alb | erta and B.C. | | |
| | | | | | | | | | |
| ŧ | | | | | | | | | |
| 1986.05.15 | SEVERAL | FIRE | - | PRESS | | | 2 000 | | |
| | | Grand Falls, Newfoun | dland; Upper C | George Town & Burton, New Bru | ınswick; May 15 | 5-1 6, 1986; 1000 e | | alls, 1000 | |
| | | evacuated between Up result of unseasonably | pper George To warm, dry we | George Town & Burton, New Brown & Burton; worst of a series of a s | f more than 100 | forest fires burning | ng across Eastern Ca | nada as a | |

| Date | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) | |
|-------------|-----------------|---|------------------|--------------------------------|--------------------|--------------------|-----------------------|---------------------|--------------|--|
| 1988.01.01 | SEVERAL | DROUGHT | • | PRESS | | | | | | |
| | | Interior of British Co Billion) | lumbia to Ontar | io; 1988; net farm income fell | by 16 per cent fro | om the previous ye | ar (a drop from \$5.2 | 4 Billion to \$4.43 | | |
| 1989.04.07 | SEVERAL | CIVIL STRIFE | | GOVERNMENT | | | | | | |
| | | Montreal/Ottawa; a Montreal resident claiming to represent the Liberation Front for Christian Lebanon hijacked a Montreal-New York Greyhound bus & diverted it to Parliament Hill; several shots fired; no one injured; 9 passengers were held hostage during 8 hours, although 4 were released part way through the hijacking; the gumman eventually surrendered | | | | | | | | |

| <u>Date</u> | Province | Disaster type | <u>Magnitude</u> | Information source | # of killed | # of injured | # of homeless | # of affected | Damage (M\$) |
|-------------|-----------------|---|-----------------------------|---|-------------------------------|--------------------------------------|------------------------|------------------|--------------|
| 1918.01.01 | INTERNATIONL | CIVIL STRIFE | • | PRESS | 7 | | | | |
| | | United Kingdom; 1918; demobilization process | seven soldier | s were killed when Canadi | an troops in demobiliz | zation camps riotec | 1 in protest against t | he lengthy | |
| 1918.10.24 | INTERNATIONL | | R's Princess S | ophia ran aground then sa | 343 nk; captain waited | source: EMO NS | | | |
| 1966.03.04 | INTERNATIONL | | rs; a CP air Do ng wall | PRESS C-8 caught its wheels in th | 64 e approach lights whi | le landing in dense | fog at Tokyo Intern | national Airport | |
| 1983.06.02 | INTERNATIONL | | an Air Canada | PRESS a DC-9 was destroyed whe | 23 n it caught fire en rou | 18 te to Toronto from | Texas and landed in | n flames at | |
| 1985.06.23 | INTERNATIONL | | dead (280 Ca caused by a | PRESS madians); Air India Flight terrorist bomb | 329 182 en route from To | ronto to India crasl | hed in the North Atl | antic; the crash | |
| 1985.06.23 | INTERNATIONL | | Japan; a bomb Vancouver | PRESS went off at Narita Airport | 2 t killing two baggage l | 4 handlers & injurin _į | g four; the bomb wa | s in a bag taken | |