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1993

*EPC Disaster Database
developed from CRED Disaster
Database*

*Base de données des désastres de
PCC issue de la base de données
des désastres du CRED*

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Table of Information Sources

<u>Origin</u>	<u>Information Source</u>	<u>Comment</u>
01	OFDA	Office for US Foreign Disaster Assistance
02	Insurance	Insurance Companies
03	CDC	Centers for Disease Control (US)
04	Japan	
05	OAU	Organization of African Unity
06	WHO/PAHO	World Health Organization/Pan American Health Organization
07	CRED SITREP	Centre for Research on the Epidemiology of Disasters, Situation Report
08	GEOCC SITREP	Government Emergency Operations Coordination Centre, Situation Report
09	WHO/AFRO	World Health Organization/Regional Office for Africa
10	Private	
11	UNDRO	United Nations Disaster Relief Organization
12	OTHER	
13	Press	
14	EPC	Emergency Preparedness Canada

Table des sources d'information

<u>Origine</u>	<u>Source d'information</u>	<u>Commentaire</u>
01	OFDA	Office for US Foreign Disaster Assistance
02	Assurances	Compagnies d'assurance
03	CDC	Centers for Disease Control (US)
04	Japon	
05	OUA	Organisation de l'unité africaine
06	OMS/OPS	Organisation mondiale de la Santé/Organisation panaméricaine de la Santé
07	CRED SITREP	Centre de Recherche sur l'Épidémiologie des Désastres, compte rendu de situation
08	CCOUG SITREP	Centre de coordination des opérations d'urgence du gouvernement, compte rendu de situation
09	OMS/AFRO	Organisation mondiale de la Santé/Bureau régional de l'Afrique
10	Privé	
11	UNDRO	Bureau du Coordonnateur des Nations Unies pour les secours en cas de catastrophe
12	AUTRE	
13	Presse	
14	PCC	Protection civile Canada

Table of Disaster Types

<u>Type</u>	<u>Disaster type</u>
AM	Accident-Mining
AO	Accident-Other
AT	Accident-Transportation
AV	Avalanche
CU	Civil Unrest-Terrorism
CW	Cold Wave
DR	Drought
EP	Epidemic
EQ	Earthquake
FF	Forest Fire
FI	Fire-Other
FL	Flood
HC	Hazardous Chemicals
HU	Hurricane
HW	Heat Wave
LS	Landslide
OT	Other
ST	Storm
TO	Tornado
TS	Tsunami

Table des types de désastre

<u>Type</u>	<u>Type de désastre</u>
AM	Accident-Minier
AO	Accident-Autre
AT	Accident-Transport
AV	Avalanche
CU	Désordre civil-Terrorisme
CW	Vague de froid
DR	Sécheresse
EP	Épidémie
EQ	Tremblement de terre
FF	Incendie de forêt
FI	Incendie-Autre
FL	Inondation
HC	Matières dangereuses
HU	Ouragan
HW	Vague de chaleur
LS	Glissement de terrain
OT	Autre
ST	Tempête
TO	Tornade
TS	Tsunami

*EPC Disaster Database
developed from CRED Disaster Database*

Table of Provinces

<u>Code</u>	<u>Province</u>
BC	BC
AB	Alberta
SK	Saskatchewan
MB	Manitoba
ON	Ontario
QB	Quebec
NB	N Brunswick
NS	Nova Scotia
PE	PEI
NF	NFLD
YU	Yukon
NW	NWT
SV	Several
IN	International

*Base de données des désastres de PCC
issue de la base de données des désastres du CRED*

Table des provinces

<u>Code</u>	<u>Province</u>
BC	C-B
AB	Alberta
SK	Saskatchewan
MB	Manitoba
ON	Ontario
QB	Québec
NB	N-Brunswick
NS	N-Écosse
PE	Î-P-É
NF	Terre-Neuve
YU	Yukon
NW	T-N-O
SV	Plusieurs
IN	International

NPHD

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<u>Date</u>	<u>Province</u>	<u>Disaster type</u>	<u>Magnitude</u>	<u>Information source</u>	<u># of dead</u>	<u># of injured</u>	<u># of evacuated</u>	<u>Damage (M\$)</u>
1914.01.01	NFLD	Accident-Transportation		OTHER	173			
		"Southern Cross" vanishes in storm off NFLD source: "Canadian Disasters - an Historical Survey" Journal of Natural Hazards Classification 3 by Robert L. Jones						
1914.03.01	NFLD	Accident-Transportation		OTHER	77			
		NFLD seal hunt area. Captain Wes Keane of the "Newfoundland", his ship being stuck in the ice for three days, suggested to the sealers to walk across the ice to the hunt. If the weather deteriorated they could take shelter on his father's ship. After a long walk, the men found no seals but came upon the ship "Stephano" commanded by Captain Abram Keane. They were taken aboard and sailed to the site of the hunt but told to walk back to their own ship after the hunt. The Newfoundland had no radio aboard. Both ships left not knowing that the men were missing lost on the ice. For two days the hunters suffered and died. Finally Captain Wes Keane spotted the frozen band on the ice. Out of 123 who had set out only 46 men were still alive. Source: "Canadian Disasters", Scholastic, by R. Schmidt						
1918.01.01	Several	Epidemic		Press	50 000			
		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						
1921.02.08	NFLD	Storm		Press				
		St-John's, Newfoundland. The snowstorm was one of the worst experienced in the city for years. Snow piled up to depths of 2.5 and 3 m, mostly on streets running north and south. Suburban roads were blocked with drifts 3 to 4.5 m high. Businesses on Water Street had to close down. There was no mechanical equipment to remove the snow and gangs of shovellers and teamsters with box carts had to be employed on Water Street. They were at it for five days and from this thoroughfare alone removed 40,000 loads to the harbor.						
1929.11.18	NFLD	Earthquake	7.2	Press	27			2.
		Atlantic Ocean, South of Newfoundland; Nov.18,1929; this offshore earthquake generated a large ocean wave(tsunami) which drowned 27 people when it struck the Burin Peninsula						
1929.11.18	NFLD	Tsunami		Press	27			
		Burin Peninsula ,Newfoundland; an offshore earthquake (magnit.7.2) In the atlantic generated a large ocean wave (tsunami) which drowned 27 people when it stuck the Burin Peninsula						

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<u>Date</u>	<u>Province</u>	<u>Disaster type</u>	<u>Magnitude</u>	<u>Information source</u>	<u># of dead</u>	<u># of injured</u>	<u># of evacuated</u>	<u>Damage (M\$)</u>
1930.01.01	Several	Accident-Transportation		OTHER	30			
		"John B. King" explodes and sinks in St-Lawrence R. after lightning strike						
1935.08.25	NFLD	Storm		OTHER	50			
		Villages destroyed	source: Some of the Disasters in Canada Since 1900					
1936.07.06	Several	Heat Wave		OTHER	500			
		2-week heat wave.	source: Some of the Disasters in Canada Since 1900					
1942.01.01	NFLD	Accident-Transportation		OTHER	204			
		"Truxton" & "Pollux" aground off NFLD source: "Canadian Disasters - an Historical Survey" Journal of Natural Hazards Classification 3 by Robert L. Jones						
1942.12.12	NFLD	Fire-Other		Press	99	100		
		St.John's,Newfoundland;100 seriously injured; most Canadian military; an arsonist set fire to the packed knights of Columbus Hostel;exits were restricted, all doors opened inwards; and there was no emergency lighting system						
1953.01.01	Several	Epidemic		Press	481			
		Canada, nationwide; 1953; polio affected more than 8000 canadians						

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1959.01.01	NFLD	Civil Unrest-Terrorism		Press	1			
		Badger, Newfoundland; 1959; one person was killed during a strike clash						
1959.02.16	NFLD	Storm		Press	6	10		
		St-John's, Newfoundland; described as the province's worst snowstorm, it claimed six lives, left 70,000 without electricity, and blocked roads with 5-m drifts. A snowslide killed five people in two houses at Chain Rock near the entrance to St-John's Harbor. The sixth victim died in a stranded car.						
1960.01.01	Several	Other		OTHER				
		Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt						
1964.01.01	Several	Storm		OTHER	23	8		
		Severe winter storm hits Maritimes source: "Canadian Disasters - an Historical Survey" Journal of Natural Hazards Classification 3 by Robert L. Jones						
1976.12.26	NFLD	Fire-Other		Press	21			
		St. John's, Newfoundland; a fire broke out in a nursing home						
1981.07.03	NFLD	Accident-Transportation		Press	13	19		
		Newfoundland; 19 survivors; the ship arctic explorer apparently hit an iceberg and sank in icy waters off Newfoundland's northern coast						

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1982.01.19	NFLD	Cold Wave		Press			200	
		Extreme cold; Labrador, Newfoundland; 200 evacuated; temperatures of -30 F and colder caused power lines to snap from weight of ice; the city was left without power and homes were evacuated						
1982.02.15	NFLD	Accident-Other		OTHER	84			45.
		Newfoundland. The ocean-drilling rig Ocean Ranger overturned and sank during a storm off the east coast of Newfoundland. Most lifeboats crashed into the pillars of the rig and sank or were flipped over by the waves. There were no "survival suits". When the supply ship got to the scene, less than an hour after being dispatched, only one lifeboat was found afloat with living people inside. The lifeboat slowly rolled over. Not one person aboard the drilling rig survived. Source : "Canadian Disasters", Scholastic, by R. Schmidt						
1985.12.12	NFLD	Accident-Transportation		Press	256			
		Gander; 256 dead (248 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	Forest Fire		Press			1 000	
		Grand Falls, Newfoundland; May 15-16,1986; 1000 evacuated at Grand Falls; among the worsts of a series of more than 100 forest fires burning across Eastern Canada as a result of unseasonably warm, dry weather.						
1992.02.01	Several	Storm		Press				
		Atlantic Provinces snowstorm. A 110-hour-long blizzard with gusts up to 140 km an hour brought record snowfall of 163 cm to Moncton, New Brunswick. Several other cities recorded more than 100 cm of snow. Many stranded motorists had to be rescued. Many schools and businesses throughout the Atlantic provinces were closed in the aftermath.						
1992.10.06	NFLD	Storm		GEOCC SITREP				9.
		Avalon, Burin Peninsulas and the Bonavista, Trinity, Conception Bays. The violent storm struck on the evening of the 6th with winds of 139 km/h in some areas and 55mm of rain. Utility services were disrupted in many areas. The Canadian Coast Guard was kept busy with calls for assistance and for a period of time all flights in and out of St-John's were cancelled. Several local area schools, a hospital, businesses and private residences sustained varying degrees of structural damage. The storm continued unabated on into Thursday October 8, with winds having subsided to the 70 km/h range.						

PEI

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1918.01.01	Several	Epidemic		Press	50 000			
		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						
1930.01.01	Several	Accident-Transportation		OTHER	30			
		"John B. King" explodes and sinks in St-Lawrence R. after lightning strike						
1936.07.06	Several	Heat Wave		OTHER	500			
		2-week heat wave.	source: Some of the Disasters in Canada Since 1900					
1953.01.01	Several	Epidemic		Press	481			
		Canada, nationwide; 1953; polio affected more than 8000 canadians						
1960.01.01	Several	Other		OTHER				
		Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt						
1964.01.01	Several	Storm		OTHER	23	8		
		Severe winter storm hits Maritimes	source: "Canadian Disasters - an Historical Survey" Journal of Natural Hazards Classification 3 by Robert L. Jones					

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<u>Date</u>	<u>Province</u>	<u>Disaster type</u>	<u>Magnitude</u>	<u>Information source</u>	<u># of dead</u>	<u># of injured</u>	<u># of evacuated</u>	<u>Damage (M\$)</u>
1982.02.22	PEI	Storm		Press				
		Prince Edward Island; islanders were marooned for five days in a crippling blizzard; winds of 80 km whipped a 60-cm snowfall into 7-m drifts						
1992.02.01	Several	Storm		Press				
		Atlantic Provinces snowstorm. A 110-hour-long blizzard with gusts up to 140 km an hour brought record snowfall of 163 cm to Moncton, New Brunswick. Several other cities recorded more than 100 cm of snow. Many stranded motorists had to be rescued. Many schools and businesses throughout the Atlantic provinces were closed in the aftermath.						



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1905.02.15	Nova Scotia	Storm		EPC				
		15-17 Feb; severest storm of the "year of the big snow" source: RD NS						
1917.07.25	Nova Scotia	Accident-Mining		Press	65			
		New Waterford, Nova Scotia; an explosion took place in mine no.1 of the dominion coal company						
1917.12.06	Nova Scotia	Accident-Transportation		Press	1 600	9 000		35.
		OFDA:French/Belgian ships collided off Halifax press:Halifax,Nova Scotia;1600 dead,9000 injured;6000 homeless;property damage in excess of \$35 million;2 ships, one filled with explosives & munitions, collided in Halifax Harbour; the munitions ship, the Mont Blanc, caught fire & later exploded;an idea of the force of the explosion can be gained from the fact that one ship was tossed 1000 metres into the air						
1918.01.01	Several	Epidemic		Press	50 000			
		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						
1918.01.23	Nova Scotia	Accident-Mining		Press	88	11		
		Pictou County, Nova Scotia; 88 dead, 11 survivors; an explosion at the Allen coal shaft between Stellarton & New Glasgow						
1925.01.01	Nova Scotia	Civil Unrest-Terrorism		Press	1			
		1925; one death resulted from a strike clash						

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1928.04.14	Nova Scotia	Accident-Transportation		Press	115			
		Halifax, Nova Scotia; the 18-gun sloop acorn sank near Halifax						
1930.01.01	Several	Accident-Transportation		OTHER	30			
		"John B. King" explodes and sinks in St-Lawrence R. after lightning strike						
1936.07.06	Several	Heat Wave		OTHER	500			
		2-week heat wave.	source: Some of the Disasters in Canada Since 1900					
1938.12.06	Nova Scotia	Accident-Mining		Press	20			
		Sydney Mines, Cape Breton, Nova Scotia; a chain of small cars known as a "man rake" was being lowered into the shaft when a cable snapped sending the cars, laden with more than 200 men, crashing to the bottom						
1952.01.14	Nova Scotia	Accident-Mining		Press	19			
		Pictou County, Nova Scotia; there was a gas explosion in the McGregor mine & 19 men who stayed behind to block off the dangerous area died						
1953.01.01	Several	Epidemic		Press	481			
		Canada, nationwide; 1953; polio affected more than 8000 Canadians						

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<u>Date</u>	<u>Province</u>	<u>Disaster type</u>	<u>Magnitude</u>	<u>Information source</u>	<u># of dead</u>	<u># of injured</u>	<u># of evacuated</u>	<u>Damage (M\$)</u>
1956.11.01	Nova Scotia	Accident-Mining		Press	39	88		
		Springhill, Nova Scotia; 39 dead, 88 survivors; a gas explosion blasted Cumberland's no.4 colliery; the 88 survivors were trapped underground but later rescued						
1958.10.23	Nova Scotia	Accident-Mining		Press	75			
		Springhill, Nova Scotia; 75 dead, 99 survivors; a tunnel collapsed in the no.2 colliery causing an explosion; the 99 survivors were trapped underground but later rescued						
1960.01.01	Several	Other		OTHER				
		Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt						
1960.02.04	Nova Scotia	Accident-Transportation		OTHER				3.
		Chedabucto Bay; oil spill; tanker "arrow" ran aground on cerberus rock; cost: 3.1 Million; polluted 300km of coast source: EMO NS						
1964.01.01	Several	Storm		OTHER	23	8		
		Severe winter storm hits Maritimes source: "Canadian Disasters - an Historical Survey" Journal of Natural Hazards Classification 3 by Robert L. Jones						
1979.02.24	Nova Scotia	Accident-Mining		Press	12	4		
		Glace Bay, Nova Scotia; the deaths & injuries were the result of an explosion in the no.26 mine						

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<u>Date</u>	<u>Province</u>	<u>Disaster type</u>	<u>Magnitude</u>	<u>Information source</u>	<u># of dead</u>	<u># of injured</u>	<u># of evacuated</u>	<u>Damage (M\$)</u>
1986.05.30	Nova Scotia	Hazardous Chemicals		Press			500	
		Canning, Nova Scotia; 500 evacuated; residents of the small farming community of canning had to leave home after a chemical supplies warehouse caught fire & spewed hazardous fumes & smoke over the town						
1988.12.15	Nova Scotia	Accident-Other		Insurance				90.
		Shipwreck of drilling platform "Rowan Gorilla 1"						
1992.02.01	Several	Storm		Press				
		Atlantic Provinces snowstorm. A 110-hour-long blizzard with gusts up to 140 km an hour brought record snowfall of 163 cm to Moncton, New Brunswick. Several other cities recorded more than 100 cm of snow. Many stranded motorists had to be rescued. Many schools and businesses throughout the Atlantic provinces were closed in the aftermath.						
1992.05.09	Nova Scotia	Accident-Mining		Press	26			
		Plymouth, Nova Scotia. A coal-dust explosion detonated by burning methane gas at the Westray Mine (on the Foord Seam) and killed 26 miners -- 11 were killed by the explosion and the other 15 were presumed dead when rescue attempts were abandoned due to dangerous conditions and risk of another explosion.						

New Brunswick

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1918.01.01	Several	Epidemic		Press	50 000			
		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						
1930.01.01	Several	Accident-Transportation		OTHER	30			
		"John B. King" explodes and sinks in St-Lawrence R. after lightning strike						
1936.07.06	Several	Heat Wave		OTHER	500			
		2-week heat wave.	source: Some of the Disasters in Canada Since 1900					
1953.01.01	Several	Epidemic		Press	481			
		Canada, nationwide; 1953; polio affected more than 8000 canadians						
1959.06.20	N Brunswick	Accident-Transportation		Press	35			
		Escuminac, New Brunswick; twenty-two boats were destroyed when a massive storm hit a fishing fleet off Escuminac						
1960.01.01	Several	Other		OTHER				
		Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt						

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1964.01.01	Several	Storm		OTHER	23	8		
		Severe winter storm hits Maritimes Robert L. Jones		source: "Canadian Disasters - an Historical Survey" Journal of Natural Hazards Classification 3 by				
1977.01.01	N Brunswick	Fire-Other		OTHER	20			
		Cell block fire; Saint John Jones		source: "Canadian Disasters - an Historical Survey" Journal of Natural Hazards Classification 3 by Robert L.				
1982.01.09	N Brunswick	Earthquake	5.7	Press				
		Miramichi Region, New Brunswick; magnit. 5.7 and 5.4 (1982).						
1986.05.15	N Brunswick	Forest Fire		Press			1 000	
		Upper George Town & Burton, New Brunswick; May 15-16, 1986; 1000 evacuated between Upper George Town & Burton; among the worsts of a series of more than 100 forest fires burning across Eastern Canada as a result of unseasonably warm, dry weather.						
1987.04.02	N Brunswick	Flood		Press				11.
		Perth-Andover, New Brunswick; \$11 million in property damage						
1992.02.01	Several	Storm		Press				
		Atlantic Provinces snowstorm. A 110-hour-long blizzard with gusts up to 140 km an hour brought record snowfall of 163 cm to Moncton, New Brunswick. Several other cities recorded more than 100 cm of snow. Many stranded motorists had to be rescued. Many schools and businesses throughout the Atlantic provinces were closed in the aftermath.						

QUEBEC

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1906.01.01	Quebec	Civil Unrest-Terrorism		Press	3			
		Buckingham, Quebec; 1906; three people were killed during a strike clash						
1907.08.29	Quebec	Accident-Other		Press	75			
		Quebec City, Quebec; the southern span of a bridge over the St.Lawrence river collapsed during construction killing 75 workmen						
1908.04.26	Quebec	Landslide		Press	33			
		Notre Dame de la Salette, Quebec; many injured; a tract of land half a mile wide and extending five hundred yards back slid into the lievre river, carrying with it two houses, and crashed into a row of buildings on the opposite side						
1914.05.29	Quebec	Accident-Transportation		Press	1 014			
		St.Lawrence River, Quebec; the CP liner Empress of Ireland collided with a norwegian coal ship and sank in 14 minutes; many lost were salvation army; 840 dead were passengers						
1916.09.11	Quebec	Accident-Other		Press	13			
		Quebec City, Quebec; a new centre span being hoisted into position fell into the St.Lawrence killing 13 workmen						
1918.01.01	Several	Epidemic		Press	50 000			
		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						

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1918.03.28	Quebec	Civil Unrest-Terrorism		Press	4			
Quebec City, Quebec; 28 March-1 April 1918; four people were killed during riots over conscription; on March 28 Dominion Police arrested a man who had draft exemption papers at home but not on him at the time of his arrest; several thousand demonstrators gathered and then burned the Dominion Police station; over the next 2 days the rioting became progressively worse and military reinforcements were sent from Toronto which caused some friction; on Easter Monday, 1 April the troops were pelted with missiles and returned the fire, killing 4 civilians.								
1925.03.01	Quebec	Earthquake	7.0	Press				
Charlevoix-Kamouraska Region, Quebec; the earthquake was widely felt and caused damage along the St.Lawrence river near the epicentre and at Quebec City and Shawinigan								
1927.01.09	Quebec	Fire-Other		Press	76			
Montreal, Quebec; a fire started in the Laurier Place Theatre but was quickly extinguished;however,in the ensuing panic 12 people were crushed to death & 64 died of asphyxiation; many were children								
1930.01.01	Several	Accident-Transportation		OTHER	30			
"John B. King" explodes and sinks in St-Lawrence R. after lightning strike								
1935.11.01	Several	Earthquake	6.2	Press				
Temiscaming Region, Quebec-Ontario border; widely felt; there was minor damage at Temiscaming, Que., and North Bay and Mattawa, Ont.								
1936.07.06	Several	Heat Wave		OTHER	500			
2-week heat wave. source: Some of the Disasters in Canada Since 1900								

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1936.08.15	Quebec	Accident-Transportation		Press	22	20		
		Louisville, Quebec; a 16-car freight train smashed into a farm truck carrying more than 40 people from a friday night political rally						
1938.01.01	Quebec	Civil Unrest-Terrorism		Press	1			
		Sorel, Quebec; one person was killed during a municipal election "battle"; 1938						
1943.10.19	Quebec	Accident-Transportation		Press	24			
		St-Donat, Quebec; a Liberator bomber crashed; many of the passengers were going on leave; the wreckage was not located until June 1946						
1948.05.01	Several	Forest Fire		Press				
		Mississagi/Chapleau; May-late October, 1948; 645,000 acres destroyed						
1949.09.09	Quebec	Accident-Transportation		Press	32			
		Saint Joachim (near), Quebec; a Quebec airways DC-3 was sabotaged with a bomb; the plane exploded & crashed; the saboteur, J.A. Guay & his two accomplices were later convicted & hanged						
1953.01.01	Several	Epidemic		Press	481			
		Canada, nationwide; 1953; polio affected more than 8000 canadians						

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1955.11.12	Quebec	Landslide		Press	3	6	2 000	
		Nicolet, Quebec; a landslide carries six buildings into a huge crater on the shore of the Nicolet River; 2000 evacuated						
1957.08.11	Quebec	Accident-Transportation		Press	79			
		79 people killed when Maritime Central Airways DC-4 crashed near Québec City.						
1958.01.01	Quebec	Civil Unrest-Terrorism		Press	1			
		Murdochville, Quebec; 1958; a striker was killed by his own bomb						
1960.01.01	Several	Other		OTHER				
		Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt						
1962.05.23	Quebec	Landslide		OTHER	8			
		Saguenay, Quebec	source: Some of the Disasters in Canada Since 1900					
1963.03.07	Several	Civil Unrest-Terrorism		EPC				
		Quebec/Ontario; March 7,1963-Sept.13,1980; Dozens of bomb & arson attacks carried out by the Front de liberation du Québec (flq) during this period, resulting in several fatalities & injuries, & damage to public & private buildings; the most notorious single event during this period was the October Crisis of 1970						

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1963.11.19	Quebec	Accident-Transportation		Press	118			
		Ste. Thérèse-de-Blainville, Quebec; 118 dead (all aboard); a Trans Canada DC-8 airline flight crashed four minutes after take-off from Dorval Airport in Montreal; the crash has never been satisfactorily explained						
1964.06.13	Quebec	Landslide		OTHER	4			
		Lac St-Jean, Quebec		source: Some of the Disasters in Canada since 1900				
1965.03.01	Quebec	Accident-Other		OTHER	27	48		
		Ville Lasalle; apartment house blew up		source: EMO NS				
1968.11.03	Quebec	Civil Unrest-Terrorism		Press				
		Montreal, Quebec; bombs were placed at the homes of four senior executives of the United Aircraft of Canada Ltd; one bomb exploded but there were no deaths or injuries; a left-wing group protesting the Vietnam war claimed responsibility for the attack						
1969.01.01	Quebec	Fire-Other		Press	38			
		Notre-Dame-du-lac, Quebec; 1969; industrial incident - unspecified						
1970.10.05	Quebec	Civil Unrest-Terrorism		EPC	1			
		Montreal, Quebec; British commercial attaché James Cross was kidnapped by the FLQ on Oct. 5; encouraged by their success the FLQ then kidnapped Quebec Minister of Labour & Acting Premier Pierre Laporte on Oct. 10; he was murdered on Oct. 17; In response, the federal government implemented the War Measures Act; Cross was held for 59 days & then released after negotiations which resulted in his kidnappers being allowed to leave the country						

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1971.03.04	Quebec	Storm		Press				
		Montreal, Quebec; the city's worst snowstorm dumped 47 cm of snow; winds of 110 km/h produced huge drifts; electricity was cut for two to seven days						
1971.05.04	Quebec	Landslide		Press	31		1 500	17.
		Saint-Jean-Vianney, Quebec; 31 dead; 1500 evacuated (entire town); during a lengthy rainstorm, a 213-metre hole appeared in the ground, swallowing 36 homes, several cars and a bus						
1972.09.01	Quebec	Fire-Other		Press	37	50		
		Montreal, Quebec; the fire was set in "Blue Bird" nightclub by three patrons who were ejected from the establishment earlier in the evening						
1974.01.01	Quebec	Flood		Press				75.
		Quebec; January to June; \$75 million in damages; over 300 municipalities were affected by the province-wide flooding and many people had to be evacuated; the flooding was caused by an unusually wet spring combined with excessive run-off						
1975.07.25	Quebec	Tornado		Press		40		3.
		Tornado; Saint Bonaventure, Quebec; \$2.5-3 Million in damage; 300 homeless						
1976.04.01	Quebec	Flood		Press				20.
		Quebec; spring, 1976; \$20 million in damages; province-wide flooding caused by an unusually wet spring combined with heavy run-off affected several areas of the province; most notably the Montreal area, Trois Rivières, Eastern Townships and the Outaouais						

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1978.08.04	Quebec	Accident-Transportation		Press	40			
		Eastman, Quebec; a chartered bus brakes failed and plunged into Lac d'Argent; the bus was carrying physically and mentally handicapped people						
1979.03.29	Quebec	Accident-Transportation		Press	17	7		
		Quebec Airport, Quebec City; a Quebecair F27 was destroyed (crashed on take off)						
1979.12.31	Quebec	Fire-Other		Press	44	50		
		Chapais, Quebec; the fire began during a new year's eve party at a social club when a man playing with a lighter set decorations on fire						
1983.12.07	Quebec	Flood		Press				58.
		Gaspé and north shore of St. Lawrence River, Quebec; December 7-8, 1983; \$58 million in damages; high tides combined with a severe windstorm caused severe damage to roads and municipal and private property						
1984.07.15	Several	Storm		Press	1	38		
		Eastern Region, Ontario; Western Region, Quebec; 1 dead, 38 injured;			UNDRO: destruction of 300 houses			
1984.09.03	Quebec	Civil Unrest-Terrorism		Press	3	30		
		Montreal, Quebec; a retired U.S. Military officer planted a bomb in Montreal's Central Station to protest a papal visit to Canada scheduled to take place the following week; the bomb killed three & wounded 30						

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1986.02.15	Quebec	Accident-Transportation		Press		42		
		Quebec City, Quebec; a Via Rail passenger train rammed a CNR freight train just outside Quebec City.						
1987.07.14	Quebec	Tornado		OTHER				100.
		Tornado; Montreal, Quebec		source: Some of the Disasters in Canada Since 1900				
1988.08.23	Quebec	Fire-Other		Press			3 800	50.
		St.-Basile-le-Grand, Quebec; 3800 people evacuated; a fire broke out in a warehouse containing 3800 barrels of pcbs; the potential health threat posed by the smoke from the fire caused the evacuation						
1988.11.25	Quebec	Earthquake	6.0	Press				20.
		Saguenay Region, Quebec; some minor damage was caused at Jonquiere, Chicoutimi, La Baie and Quebec City						
1989.04.07	Several	Civil Unrest-Terrorism		EPC				
		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 gunman eventually surrendered						
1989.12.12	Quebec	Hazardous Chemicals		EPC			200	
		St-Léonard d'Aston. On December 12, 1989 thirty-three of the 92 cars that made up the train from Charny, bound for Montreal, left the track near the town of St-Leonard d'Aston. 100 m of track was torn-up, 2 homes severely damaged, a level crossing completely blocked. 15 of the derailed cars carried hazardous materials. 200 people were evacuated. Source: Emergency Preparedness Digest, January-March 1991						

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1990.03.11	Quebec	Civil Unrest-Terrorism		GEOCC SITREP	1			
		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 QPP 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 Kahnésatake 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 Kahnésatake surrendered to the army on Sept 26, ending the 78-day standoff						
1990.05.16	Quebec	Fire-Other		Press				
		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						
1990.12.16	Quebec	Accident-Transportation		Press	8			
		The fishing trawler M.V. Nadine sank off the Madeleine Islands in high winds and three-metre-high waves, causing the death by hypothermia of seven crew members and a fisheries researcher. There were two survivors. A coroner's report released in June 1992 blamed the loss of life and sinking of the vessel on a series of human errors: ill-fitting survival suits, malfunctioning navigational equipment, lack of automatic pumps, lack of safety measures and emergency drills for those aboard the vessel, and ship's officers untrained in emergency procedures.						
1991.04.07	Quebec	Flood		GEOCC SITREP			1 000	5.
		Residents along the Chaudière River, south of Quebec City, experienced the highest flood levels in several years during the weekend of April 7th and 8th; many homes and business establishments have been damaged by water and ice; preliminary evaluation of damage indicated a figure between \$5 and \$10 million; 1000 residents were evacuated.						
1991.06.29	Quebec	Forest Fire		GEOCC SITREP			3 110	
		Residents of the Montagnais Reserve of Betsiamites and the community of Ragueneau were evacuated; nine fires declared in the area of Baie Comeau; fire fighting activity concentrated on the two largest fires; the larger fire covered 1900 square kilometres at Betsiamites, about 50 kilometres south of Baie Comeau; the second fire covered 900 square kilometres at Forestville, approximately 90 kilometres south of Baie Comeau; overall there were 3110 evacuees (Red Cross Statistics).						
1991.08.27	Quebec	Tornado		GEOCC SITREP		1		13.
		The tornado affected the Village of Maskinongé; the tornado also crossed the St-Lawrence River and touched down in Notre-Dame de Pierreville where a few summer cottages were destroyed and some minor injuries occurred; it also touched down in St-Wenceslas where minor damage was reported; there were no death, 15 people injured, only one seriously; 60% of all buildings in the village of Maskinongé were damaged, the power lines were down and telephone service stopped; no drinking water was available; estimated 13 million in damage.						

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1992.02.12	Quebec	Accident-Transportation		Press	4	48		
<p>Coteau-du-Lac, Quebec (about 60 km west of Montreal). A Toronto-bound VIA Rail train hit a tractor-trailer during a snowstorm at a level crossing. Four train passengers were killed, 48 injured.</p>								
1992.03.12	Quebec	Flood		GEOCC SITREP			40	
<p>Ste-Brigitte-de-Laval, Quebec (about 40 km north of Quebec City). Approximately 40 people were airlifted from this community on Ile Enchanteresse, when flood waters caused by an ice jam on the Montmorency River rapidly inundated the town, flooding 80 houses. Two Quebec government helicopters and one CF helicopter were used to effect the evacuation.</p>								

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1910.01.21	Ontario	Accident-Transportation		Press	63	20.		
		Spanish River, Ontario; the back half of a CPR passenger train, en route to Minneapolis, left the track after it struck the end of a bridge						
1911.07.11	Ontario	Forest Fire		Press	73			
		Forest Fires; Cochrane (and Northern Region), Ontario; 73 dead (unofficially in the hundreds), hundreds made homeless, 500000 square miles destroyed						
1913.11.03	Ontario	Storm		OTHER	200			
		Lake Erie; severe storms; winds up to 128 kph - 8 ships lost			source: EMO NS			
1913.11.07	Ontario	Accident-Transportation		Press	235			
		Lake Huron, Ontario; Nov. 7-9, 1913; 235 sailors drowned; thirty ships went down during a fierce weekend storm; eight entire ship's crews were lost						
1916.02.03	Ontario	Fire-Other		Press	7			
		Ottawa, Ontario; a fire destroyed the centre block of the parliament buildings; only the library survived intact						
1916.07.29	Ontario	Forest Fire		Press	228			3.
		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 lightning & augmented by fires started by sparks from a passing locomotive						

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1918.01.01	Several	Epidemic		Press	50 000			
		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						
1922.09.30	Ontario	Forest Fire		Press	43			8.
		Forest fires;Haileybury (& Northern Region); Ontario; Sept.30-Oct.5,1922;43 Dead (unofficially as high as 150),11000 homeless,2000 square miles burned, \$8 million in property damage						
1935.11.01	Several	Earthquake	6.2	Press				
		Temiscaming Region, Quebec-Ontario border; widely felt; there was minor damage at Temiscaming, Que., and North Bay and Mattawa, Ont.						
1936.07.06	Several	Heat Wave		OTHER	500			
		2-week heat wave.	source: Some of the Disasters in Canada Since 1900					
1938.10.01	Ontario	Forest Fire		Press	20			
		Dance Township, Ontario; Oct. 1938; 20 dead, hundreds homeless, 92000 acres of forest destroyed						
1940.01.01	Ontario	Accident-Transportation		OTHER	69			
		Three Great Lakes Ships wrecked in storm by Robert L. Jones	source: "Canadian Disasters - an Historical Survey" Journal of Natural Hazards Classification 3					

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1941.05.14	Ontario	Forest Fire		Press				
Forest fires;Gogama, Ontario; May 14-June 15,1941; no dead, 330700 acres destroyed								
1943.09.10	Ontario	Accident-Transportation		Press	12	2		
Aldershot, Ontario; a Canada coach lines bus collided with a CPR passenger train at the Aldershot crossing near Hamilton, splitting the bus in two								
1944.09.05	Ontario	Earthquake	5.6	Press				
Cornwall region, Ontario-New York border; widely felt; there was damage in Cornwall, Ont.,Massena,N.Y.,and several adjacent communities								
1946.06.17	Ontario	Tornado		Press	17			
Tornado;Windsor, Ontario; damage to property estimated at \$500,000; 100's injured								
1948.05.01	Several	Forest Fire		Press				
Mississagi/Chapleau; May-late October,1948; 645,000 acres destroyed								
1949.09.17	Ontario	Fire-Other		Press	118			
Toronto,Ontario;118 killed;a blaze broke out on the ship Noronic,apparently due to a spontaneous combustion in a closet;the ship was docked in Toronto harbour at the time of the fire								

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1951.02.09	Ontario	Accident-Transportation		Press	9	31		
		A bus collided with a CPR passenger train at the Coniston railway crossing near Sudbury; Coniston, Ontario						
1953.01.01	Several	Epidemic		Press	481			
		Canada, nationwide; 1953; polio affected more than 8000 Canadians						
1953.05.21	Ontario	Tornado		OTHER	7	40		
		Sarnia; tornado; 500 homeless		source: Emergency Planning Ontario				
1953.07.31	Ontario	Accident-Transportation		Press	20			
		Morrisburg, Ontario; a speeding express train hit a stalled truck and plunged into a canal						
1954.10.15	Ontario	Hurricane		Press	83			25.
		Toronto, Ontario; 10 cm of rain in 12 hours; hurricane Hazel hit Toronto causing extensive flooding & massive property damage						
1960.01.01	Several	Other		OTHER				
		Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt						

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1963.03.07	Several	Civil Unrest-Terrorism	EPC					
		Quebec/Ontario; March 7,1963-Sept.13,1980; Dozens of bomb & arson attacks carried out by the Front de liberation du Québec (flq) during this period, resulting in several fatalities & injuries, & damage to public & private buildings; the most notorious single event during this period was the October Crisis of 1970						
1966.01.01	Ontario	Accident-Transportation	OTHER		28			
		Ore carrier "D.J. Morrell" sinks in L. Huron source: "Canadian Disasters - an Historical Survey" Journal of Natural Hazards Classification 3 by Robert L. Jones						
1968.09.24	Ontario	Civil Unrest-Terrorism	Press					
		Toronto, Ontario; bombs were placed at the homes of 12 senior executives of the de Havilland Company in Toronto; seven exploded but there were no deaths or injuries; a left-wing group protesting the Vietnam war claimed responsibility for the attack						
1970.07.05	Ontario	Accident-Transportation	Press		109			
		Toronto Airport, Ontario; 109 dead (all aboard); an Air Canada DC-8 lost one starboard engine during a landing attempt; on the second attempt, the second starboard engine fell off and the plane crashed						
1970.08.20	Ontario	Tornado	OTHER		6	200		
		Sudbury; tornado	source: Emergency Planning Ontario					
1973.03.18	Ontario	Storm	OTHER		12	43		17.
		Barrie; blizzard	source: Emergency Planning Ontario					

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1974.04.03	Ontario	Tornado		OTHER	9	30		
		Windsor; tornado		source: Emergency Planning Ontario				
1975.11.10	Ontario	Accident-Transportation		Press	29			
		Lake Superior, Ontario; 29 dead (entire crew); the 218-metre Ore carrier Edmund Fitzgerald sailing out of Sault Ste. Marie sank during a gale in 156 metres of water						
1977.01.28	Ontario	Storm		Press				
		Niagara Peninsula, Ontario; this three-day storm was described as the worst winter storm in memory						
1977.12.09	Ontario	Storm		Press				
		London, Ontario; a fierce winter storm lasted for three days and left 100 cm of snow; huge drifts blocked all roads; emergency forces were brought into the city						
1978.01.01	Ontario	Storm		OTHER	8			
		S.W. Ontario; blizzard; 32 cm of snow in 36 hrs		source: Some of the Disasters in Canada Since 1900				
1979.08.07	Ontario	Tornado		OTHER	2			7.
		Woodstock; tornado		source: Emergency Planning Ontario				

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<u>Date</u>	<u>Province</u>	<u>Disaster type</u>	<u>Magnitude</u>	<u>Information source</u>	<u># of dead</u>	<u># of injured</u>	<u># of evacuated</u>	<u>Damage (M\$)</u>
1979.11.10	Ontario	Accident-Transportation		Press			225 000	69.
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								
1980.01.01	Ontario	Forest Fire		Press			5 000	
Forest fires; Red Lake, Ontario; summer of 1980; 107900 acres destroyed; 5000 people evacuated (3600 airlifted to Winnipeg)								
1980.07.14	Ontario	Fire-Other		Press	21	35		
Mississauga, Ontario; a fire spread quickly through a nursing home								
1982.02.28	Ontario	Accident-Transportation		Press			1 200	
Orillia, Ontario; 1200 evacuated; a CPR freight train hauling toxic chemicals & inflammable liquids was derailed near Orillia								
1982.04.08	Ontario	Civil Unrest-Terrorism		Press		1		
Ottawa, Ontario; an Armenian nationalist group (ASALA) tried to assassinate the Turkish commercial attaché; the attaché was paralyzed for life; three Armenians were later sentenced for conspiracy to commit murder								
1982.08.27	Ontario	Civil Unrest-Terrorism		Press	1			
Ottawa, Ontario; the Turkish military attaché was murdered on his way to work by Armenian terrorists								

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1982.10.14	Ontario	Civil Unrest-Terrorism		Press		10		4.
		Toronto, Ontario; Litton Industries Toronto plant was bombed; the Direct Action group claimed responsibility for the attack which injured 10 & caused \$3.87 Million in damage; the plant was manufacturing components for cruise missiles						
1984.07.15	Several	Storm		Press	1	38		
		Eastern Region, Ontario; Western Region, Quebec; 1 dead, 38 injured; UNDRO: destruction of 300 houses						
1984.09.03	Ontario	Storm		OTHER		30		65.
		S. Ont; windstorm; 30 injured in London source: Some of the Disasters in Canada Since 1900						
1985.05.31	Ontario	Tornado		Press	12	500		117.
		Tornado; Barrie, Ontario; hundreds injured; 800 homeless, \$117 million in property damage UNDRO: Central Ontario; destruction of 300 houses; 500 injured						
1986.01.01	Ontario	Flood		OTHER	2			
		Winisk River; northern Ontario; one village swept away source: Emergency Planning Ontario						
1986.03.12	Ontario	Civil Unrest-Terrorism		Press	1			
		Ottawa, Ontario; three Armenian terrorists stormed the Turkish Embassy in Ottawa using a rented truck & automatic rifles; a security guard was killed & 11 hostages held for four hours; the terrorists eventually surrendered						

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1986.03.31	Ontario	Hazardous Chemicals		Press			5 000	
		Timmins, Ontario; 4500-5000 evacuated; a railway tank car leaked thousands of gallons of gasoline into storm sewers prompting an evacuation						
1988.01.01	Several	Drought		Press				
		Interior of British Columbia to Ontario; 1988; net farm income fell by 16 per cent from the previous year (a drop from \$5.24 Billion to \$4.43 Billion)						
1989.03.10	Ontario	Accident-Transportation		Press	24	45		
		Dryden, Ontario; an Air Ontario F-28 passenger plane crashed shortly after take-off from a scheduled stop in Dryden						
1989.04.07	Several	Civil Unrest-Terrorism		EPC				
		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 gunman eventually surrendered						
1990.02.12	Ontario	Fire-Other		GEOCC SITREP				2.
		Hagersville, Ontario; 4000 residents advised to move; \$1.5 million to put out the fire but millions more in indirect costs; a fire was set by arsonists in a pile of 14 million used tires; the fire took 17 days to extinguish; the toxic run-off from the melting tires & the fear of toxins in the oily smoke became a prime focus for media attention						
1991.09.26	Ontario	Fire-Other		GEOCC SITREP		1	1 300	
		Jarvis, Ontario; natural gas explosion destroyed one house; the owner of the home suffered burns from the blast and was hospitalized in stable condition; the explosion was caused when the gas seeped into a backyard well; all natural gas lines were turned off; electricity and phone lines were shut off to prevent sparks from triggering more explosions in the area off the north shore of Lake Erie; methane gas is a naturally occurring substance produced by decomposing organic material; the evacuation lasted 4 days.						

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1992.07.19	Ontario	Accident-Transportation		Press	2	1		
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An 84-car CN freight train bound for Winnipeg hit a washed-out section of track, derailing 11 cars and causing the locomotive and three rail cars to plunge 12 m down an embankment into a pond in a remote area of Northern Ontario near Nakina, about 240 km northeast of Thunder Bay. The search for survivors and bodies was hampered by the crash site being two kilometres from the nearest road and the locomotive and cars containing the bodies being submerged in a pond containing a mixture of silt, mud and diesel fuel.

Manitoba

EPC Disaster Database
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<u>Date</u>	<u>Province</u>	<u>Disaster type</u>	<u>Magnitude</u>	<u>Information source</u>	<u># of dead</u>	<u># of injured</u>	<u># of evacuated</u>	<u>Damage (M\$)</u>
1912.01.01	Manitoba	Tornado	OTHER		29			
		Regina; tornado	source: "Canadian Disasters an Historical Survey" Journal of Natural Hazards Classification 3 by Robert L. Jones					
1918.01.01	Several	Epidemic	Press		50 000			
		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						
1919.05.15	Manitoba	Civil Unrest-Terrorism	Press		2			
		Winnipeg, Manitoba; General Strike 15 May-25 June 1919; the labour situation was complicated by the alien question (2/3 of Winnipeg's population of 180 000 in 1919 was Anglo-Saxon but the number of Europeans was increasing) and the returned soldiers (in January 1919 some 1500 to 2000 were faced with re-employment and shortage of housing); on 20 June, a veterans parade in defiance of the Mayor's ban, developed into a riot when mounted police charged the crowd; two men were killed.						
1922.06.22	Manitoba	Tornado	Press		5			2.
		Tornado; Portage la prairie, Manitoba; scores injured, \$2 million in damage						
1931.01.01	Several	Drought	EPC					
		Western Canada (Prairie provinces); 1931-1940; the dirty thirties; dust storms, plant rust, heat waves, grasshopper plagues and water shortages plagued Western Canada for almost a decade causing immense social and economic hardship; it is estimated 250,000 people left the area						
1936.07.06	Several	Heat Wave	OTHER		500			
		2-week heat wave.	source: Some of the Disasters in Canada Since 1900					

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<u>Date</u>	<u>Province</u>	<u>Disaster type</u>	<u>Magnitude</u>	<u>Information source</u>	<u># of dead</u>	<u># of injured</u>	<u># of evacuated</u>	<u>Damage (M\$)</u>
1947.09.01	Manitoba	Accident-Transportation		Press	31			
		Dugald, Manitoba, about 30 km east of Winnipeg; many injured; a CNR passenger train and a special CNR campers train, filled with people returning from vacation, collided head on at Dugald						
1950.05.05	Manitoba	Flood		Press	1		107 000	100.
		Winnipeg, Manitoba; May 5-25, 1950; 107000 evacuated (one-third of city), 5000 buildings damaged, \$100 million in damages						
1950.11.01	Manitoba	Tornado		Insurance				
		Tornado, Regina (Nov. 1950)						
1953.01.01	Several	Epidemic		Press	481			
		Canada, nationwide; 1953; polio affected more than 8000 Canadians						
1958.05.01	Manitoba	Tornado		EPC				
		Armaranth, Manitoba; tornado		source: RD AB/NWT				
1960.01.01	Several	Other		OTHER				
		Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt						

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<u>Date</u>	<u>Province</u>	<u>Disaster type</u>	<u>Magnitude</u>	<u>Information source</u>	<u># of dead</u>	<u># of injured</u>	<u># of evacuated</u>	<u>Damage (M\$)</u>
1961.01.01	Several	Drought		Press				
		Western Canada (1961)						
1966.03.04	Manitoba	Storm		Press				
		Winnipeg, Manitoba; a storm brought 36 cm of snow and 120 km/h winds, paralyzing the city for two days						
1974.04.01	Manitoba	Flood		Press				15.
		Manitoba; April-May, 1974; \$14.5 Million in damages; severe flooding in central and southern Manitoba on practically all rivers and river systems; many people had to be evacuated						
1977.01.01	Several	Drought		Press				
		Western Canada (1977)						
1979.04.01	Manitoba	Flood		Press				19.
		Manitoba; April-May; \$18.6 Million in damages						
1980.01.01	Several	Drought		Press				
		Western Canada (1980)						

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1984.01.01	Several	Drought		Press				1 000.
		Western Canada; 1984; losses resulting from the drought were estimated at \$1 billion; over 10,000 farms were affected						
1985.01.01	Several	Drought		Press				50.
		Western Canada; 1985; losses resulting from the drought were estimated at \$50 million						
1986.11.07	Manitoba	Storm		Press				
		Manitoba; a major storm dumped 30 cm of snow on Winnipeg; winds gusting to 90 km/h produced severe blowing snow and zero visibility; clean-up costs approached \$3 million						
1988.01.01	Several	Drought		Press				
		Interior of British Columbia to Ontario; 1988; net farm income fell by 16 per cent from the previous year (a drop from \$5.24 Billion to \$4.43 Billion)						
1989.07.15	Manitoba	Forest Fire		Press			25 000	72.
		Northern Manitoba; July-August 1989; 25000 evacuated, many airlifted to Winnipeg; the worst forest fires in Canadian history raged across Northern Manitoba forcing the evacuation of 25 communities; damage & fire-fighting costs were estimated at \$72 million						
1991.07.09	Manitoba	Hazardous Chemicals		Press			400	
		Twenty-four cars in an 88-car CN train jumped the tracks near the village of St-Lazare; ten of the derailed cars contained chlorine (three cars), methanol (three cars), caustic soda (two cars) and acetic anhydride (two cars); three types of chemicals, including the acetic anhydride, spilled causing the evacuation of the 400 residents of St. Lazare; one woman was treated briefly in hospital; the evacuation lasted for six days.						

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1992.12.18	Manitoba	Hazardous Chemicals		Press			400	
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A 29-car derailment of a 41-car CN train and subsequent chemical spill caused the evacuation of the 400 residents of Oakville near Portage la Prairie during the Christmas-New Year's period (18 Dec - 10 Jan).

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1912.06.30	Saskatchewan	Tornado		Press	28			5.
		Tornado; Regina, Saskatchewan; hundreds injured, 2500 homeless, damage in excess of \$5 million; more than 400 of the finest buildings in the city were destroyed						
1918.01.01	Several	Epidemic		Press	50 000			
		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						
1931.01.01	Several	Drought		EPC				
		Western Canada (Prairie provinces); 1931-1940; the dirty thirties; dust storms, plant rust, heat waves, grasshopper plagues and water shortages plagued Western Canada for almost a decade causing immense social and economic hardship; it is estimated 250,000 people left the area						
1931.01.01	Saskatchewan	Civil Unrest-Terrorism		Press	3			
		Estevan, Saskatchewan; 1931; three people were killed during a strike clash						
1935.01.01	Saskatchewan	Civil Unrest-Terrorism		Press	1			
		Regina, Saskatchewan; 1935; one person was killed during a clash between police & workers taking part in the on to Ottawa trek						
1936.07.06	Several	Heat Wave		OTHER	500			
		2-week heat wave.	source: Some of the Disasters in Canada Since 1900					

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1946.09.15	Saskatchewan	Accident-Transportation		EPC	20			
		Estevan, Saskatchewan; an RCAF transport plane crashed near Estevan killing 20 RCAF personnel source: ARD SK						
1947.01.30	Saskatchewan	Storm		Press				
		Regina, Saskatchewan; a blizzard raged for 10 days; the railway called it the worst storm in Canadian rail history; one train was buried in a snowdrift 1 km long and 8 m deep						
1953.01.01	Several	Epidemic		Press	481			
		Canada, nationwide; 1953; polio affected more than 8000 Canadians						
1954.04.07	Saskatchewan	Accident-Transportation		Press	37			
		Moose Jaw, Saskatchewan; a trans-canada airlines airliner collided with an RCAF trainer						
1960.01.01	Several	Other		OTHER				
		Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt						
1961.01.01	Several	Drought		Press				
		Western Canada (1961)						

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1977.01.01	Several	Drought		Press				
		Western Canada (1977)						
1980.01.01	Several	Drought		Press				
		Western Canada (1980)						
1980.05.28	Saskatchewan	Accident-Transportation		Press	22	11		
		Webb, Saskatchewan; a bus and truck collided on the Trans-Canada highway near Webb; the bus was carrying CPR workers						
1984.01.01	Several	Drought		Press				1 000.
		Western Canada; 1984; losses resulting from the drought were estimated at \$1 billion; over 10,000 farms were affected						
1985.01.01	Several	Drought		Press				50.
		Western Canada; 1985; losses resulting from the drought were estimated at \$50 million						
1988.01.01	Several	Drought		Press				
		Interior of British Columbia to Ontario; 1988; net farm income fell by 16 per cent from the previous year (a drop from \$5.24 Billion to \$4.43 Billion)						

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1903.04.29	Alberta	Landslide		Press	76	23		
		Frank, Alberta; 76 dead, 23 injured; seventy million tons of limestone came crashing down turtle mountain on to the small town of Frank, covering roads, railways and homes						
1914.06.19	Alberta	Accident-Mining		Press	189			
		Hillcrest, Alberta; 189 dead, 48 survivors; a dust explosion occurred in the coal mine						
1918.01.01	Several	Epidemic		Press	50 000			
		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						
1931.01.01	Several	Drought		EPC				
		Western Canada (Prairie provinces); 1931-1940; the dirty thirties; dust storms, plant rust, heat waves, grasshopper plagues and water shortages plagued Western Canada for almost a decade causing immense social and economic hardship; it is estimated 250,000 people left the area						
1936.07.06	Several	Heat Wave		OTHER	500			
		2-week heat wave.	source: Some of the Disasters in Canada Since 1900					
1953.01.01	Several	Epidemic		Press	481			
		Canada, nationwide; 1953; polio affected more than 8000 canadians						

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1960.01.01	Several	Other		OTHER				
		<p>Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt</p>						
1961.01.01	Several	Drought		Press				
		Western Canada (1961)						
1965.01.02	Alberta	Civil Unrest-Terrorism		Press	1			
		<p>Edmonton, Alberta; two U.S. Jets (F-84s) being overhauled by Northwest Industries in Edmonton were destroyed & a third damaged when a left-wing group protesting the Vietnam war dynamited the planes; a security guard was killed during the incident; the value of the planes was put at \$750,000 each</p>						
1976.02.01	Alberta	Hazardous Chemicals		Press				
		Pincher Creek, Alberta; Feb. 1976; a sour gas well blowout; the resulting fire & gas plume caused the evacuation of 400 square miles						
1977.01.01	Several	Drought		Press				
		Western Canada (1977)						
1980.01.01	Several	Drought		Press				
		Western Canada (1980)						

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1981.07.28	Alberta	Storm		Insurance				79.
		Calgary, Alberta; hailstorm						
1982.02.01	Alberta	Hazardous Chemicals		Press	2			
		Lodgepole, Alberta; a blowout at a sour gas well resulted in a fire; the subsequent gas plume extended for more than 400 km; as much as 115 million cu. ft. of natural gas leaked from the well per day for 67 days until it was capped						
1983.03.23	Alberta	Accident-Transportation		Press	5	10		
		Carstairs, Alberta; a Via Rail passenger train travelling from Edmonton to Calgary ran through an open switch & slammed into four empty cars on a siding near Carstairs						
1984.01.01	Several	Drought		Press				1 000.
		Western Canada; 1984; losses resulting from the drought were estimated at \$1 billion; over 10,000 farms were affected						
1985.01.01	Several	Drought		Press				50.
		Western Canada; 1985; losses resulting from the drought were estimated at \$50 million						
1985.12.23	Several	Earthquake	6.9	Press				
		Nahanni Region, Northwest Territories: magnit.:6.6 And 6.9; Widely felt in the NWT, and northern Alberta and B.C.						

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1986.02.08	Alberta	Accident-Transportation		Press	23	71		30.
		Hinton, Alberta; 23 killed; 71 injured; property damage estimated at \$30 million; a westbound CN freight train collided with an eastbound Via Rail passenger train on the CN main line, 11 miles east of Hinton						
1986.05.14	Alberta	Storm		Press				
		Southern Alberta; a two-day storm, described as the worst spring storm in living memory in Alberta, brought knee-deep snow and 80 km/h winds; dozens of communities were left without services						
1986.07.15	Alberta	Flood		Press				30.
		Central Alberta; July 15-19, 1986; 1500 houses damaged and costs in excess of \$30 million						
1987.07.31	Alberta	Tornado		OTHER	27	600		300.
		Edmonton, Alberta; tornado; touched down in city and moved northeast; 1700 homeless source: EMO NS						
1988.01.01	Several	Drought		Press				
		Interior of British Columbia to Ontario; 1988; net farm income fell by 16 per cent from the previous year (a drop from \$5.24 Billion to \$4.43 Billion)						
1988.06.01	Alberta	Flood		Press	2			15.
		Lesser Slave Lake, Alberta; June 1988; \$15 million in damages						

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1992.02.28	Alberta	Flood		GEOCC SITREP			3 800	3.

Peace River, Alberta (388 km northwest of Edmonton). February 28-March 4, 1992. Unseasonably warm weather broke up the frozen Peace River, causing water levels to rise 4,3 m above average. Extensive flooding necessitated the evacuation of approximately 3800 residents of the town for at least three days. Approximately 20 homes sustained severe damage, 30 other were damaged but could be occupied. No deaths or injuries were reported.

New T

THE
WORLD'S
LARGEST
BOOKSTORE

EPC Disaster Database
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1918.01.01	Several	Epidemic		Press	50 000			
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								
1933.11.20	NWT	Earthquake	7.3	Press				
Baffin Bay, Northwest Territories; the largest earthquake ever known inside the Artic Circle								
1953.01.01	Several	Epidemic		Press	481			
Canada, nationwide; 1953; polio affected more than 8000 canadians								
1960.01.01	Several	Other		OTHER				
Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt								
1974.10.30	NWT	Accident-Transportation		Press	32	2		
Rae Point, Northwest Territories; two survivors; a Pan-Artic Oils Lockheed Electra crashed								
1978.01.24	NWT	Accident-Other		Press				10.
Northwest Territories; a Soviet satellite, Cosmos 954, came down in the Northwest Territories scattering 65 kg of radioactive material over a wide area; the search for radioactive material covered 124,000 km & cost \$10 million								

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1979.02.08	NWT	Storm		Press				
<p>Iqaluit (formerly Frobisher Bay), Northwest Territories; a temperature of -40 c and 100 km/h winds with snow kept residents indoors for 10 days</p>								
1985.10.05	NWT	Earthquake	6.6	EPC				
<p>Nahanni; NWT source: RD BC&YUKON</p>								
1985.12.23	Several	Earthquake	6.9	Press				
<p>Nahanni Region, Northwest Territories: magnit.:6.6 And 6.9; Widely felt in the NWT, and northern Alberta and B.C.</p>								
1991.10.30	NWT	Accident-Transportation		GEOCC SITREP	5			
<p>Alert, NWT; a C-130 Hercules transport plane from CFB Edmonton crashed about 20 km from the base; 18 people were on board; rescuers in the air and on the ground had been kept away by winds gusting up to 57 kilometres an hour; blowing snow meant ground rescue crews couldn't see a metre in front of them, and parachutists couldn't see where to jump until 11 PM 31/10/91; 10 hours later military helicopters airlifted survivors from the wreckage ending a two-day survival nightmare on the frozen tundra near the top of the world; five military personnel died in the crash. The crash was later attributed to pilot error.</p>								

BC

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1902.05.22	BC	Accident-Mining Fernie; Mine Disaster	OTHER source: EMO NS		125			
1903.01.01	BC	Civil Unrest-Terrorism Vancouver, British Columbia; a union organizer was attacked & killed; 1903	Press		1			
1905.08.13	BC	Landslide Spence's Bridge, British Columbia; a large gravel bank broke away from a mountain side and came crashing down on an Indian reserve destroying homes and the local church	Press		18	18		
1906.01.01	BC	Accident-Transportation Wreck of "Valencia" off Vancouver Island by Robert L. Jones	OTHER source: "Canadian Disasters - an Historical Survey" Journal of Natural Hazards Classification 3		126			
1906.03.06	BC	Avalanche Roger's Pass, BC; snowslide	OTHER source: Some of the Disasters in Canada Since 1900		62			
1908.08.01	BC	Fire-Other Fernie, British Columbia (1-3 August 1908); 6000 homeless	Japan		100			10.

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1910.03.05	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-Transportation		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	Several	Epidemic		Press	50 000			
		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-Transportation		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						
1918.12.06	BC	Earthquake	7.0	Press				
		Vancouver Island, British Columbia; the earthquake was widely felt and caused some minor damage						

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1924.01.01	BC	Civil Unrest-Terrorism		Press	9			
British Columbia; 1924; nine people were killed when a bomb went off in a railway car carrying a doukhobor leader								
1929.05.06	BC	Earthquake	7.0	Press				
South of Queen Charlotte Islands, British Columbia								
1931.01.01	Several	Drought		EPC				
Western Canada (Prairie provinces); 1931-1940; the dirty thirties; dust storms, plant rust, heat waves, grasshopper plagues and water shortages plagued Western Canada for almost a decade causing immense social and economic hardship; it is estimated 250,000 people left the area								
1936.07.06	Several	Heat Wave		OTHER	500			
2-week heat wave. source: Some of the Disasters in Canada Since 1900								
1944.01.01	BC	Civil Unrest-Terrorism		Press	1			
British Columbia; 1944; one person was killed during an arson attack carried out by the radical Doukhobor sect, the Sons of Freedom								
1946.06.23	BC	Earthquake	7.3	Press				
Vancouver Island, British Columbia; widely felt; damage in Central Vancouver Island								

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1948.05.31	BC	Flood		OTHER	10			15.
Fraser River. River flood ripped apart dykes. Almost 10 per cent of the area of the Fraser Valley, 55,000 acres, was flooded. Ten people died, and 200 families were homeless. Three thousand buildings were destroyed. Eighty-two bridges were washed out. The total cost of the disaster was estimated at \$15 million. Source: "British Columbia Disasters", Stagecoach Publishing, by D. Pethick								
1949.08.22	BC	Earthquake	8.1	Press				
Offshore Queen Charlotte Islands, British Columbia; widely felt; this was Canada's largest & one of the world's greatest earthquakes; there was some damage on the Queen Charlotte Islands & chandeliers in Jasper, Alberta, were observed to sway								
1950.11.21	BC	Accident-Transportation		Press	21	53		
Canoe River, British Columbia; a special force troop train westbound & an eastbound train collided head on at Canoe River, 312 miles west of Edmonton								
1953.01.01	Several	Epidemic		Press	481			
Canada, nationwide; 1953; polio affected more than 8000 Canadians								
1955.01.08	BC	Landslide		Press	4			
Hope, British Columbia; four dead; two vehicles and a large section of highway were destroyed when a large chunk of mountainside consisting of rock, snow and mud broke away and plunged into the valley below								
1956.12.09	BC	Accident-Transportation		Press	62			
62 people killed when Trans-Canada Air Lines North Star disappeared outside Vancouver en route to Calgary. The plane was discovered on May 13 1957 on Mount Slesse, B.C.								

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1958.01.01	BC	Civil Unrest-Terrorism		Press	1			
		British Columbia; 1958; a member of the Sons of Freedom was killed by his own bomb						
1958.07.10	Several	Earthquake	7.9	Press				
		Alaska-British Columbia border; widespread damage in Alaska & widely felt in northern B.C. and the Yukon						
1958.07.17	BC	Accident-Other		Press	18			
		Vancouver, British Columbia; a section of the second narrows bridge over Burrard Inlet collapsed during construction; design error was later determined to be the cause						
1960.01.01	Several	Other		OTHER				
		Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt						
1960.07.02	BC	Civil Unrest-Terrorism		EPC	1			
		Kootenay Region, British Columbia; July 2, 1960-March 7, 1963; dozens of arson & bomb attacks carried out by the radical Doukhobor sect, the Sons of Freedom, during this period; favourite targets were railways, utility poles & lines belonging to the west Kootenay power & light Company & the homes & buildings of Orthodox Doukhobors; the only fatality was a Sons of Freedom follower killed by his own bomb						
1961.01.01	Several	Drought		Press				
		Western Canada (1961)						

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1963.06.03	BC	Accident-Transportation		Press	101			
Pacific Coast, British Columbia; a chartered Northwest Airline's DC-7 went down off the coast of B.C. en route to Alaska								
1964.03.28	BC	Tsunami		Press	1			5.
Port Alberni, British Columbia; an earthquake in Alaska (magnit. 8.6) generated a 3.6 m tsunami which caused \$4.7 Million in damages & caused the death of one man								
1965.01.09	BC	Landslide		OTHER	4			
Hope, BC source: Some of the Disasters in Canada Since 1900								
1965.02.18	BC	Avalanche		Press	26	22		
Granduc Mine, British Columbia; an avalanche destroys a miner's camp.								
1965.07.08	BC	Accident-Transportation		Press	52			
52 people died when a Canadian Pacific Airlines DC-6B exploded and crashed northeast of Vancouver.								
1970.06.24	BC	Earthquake	7.4	Press				
South of Queen Charlotte Islands, British Columbia; widely felt								

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1971.01.01	BC	Avalanche		EPC	7			
		Terrace, British Columbia; seven dead, one survivor; eight people were waiting out a storm in a small cafe when an avalanche struck the building						
1972.01.01	BC	Civil Unrest-Terrorism		EPC				
		Kootenay Region (& Vancouver area), British Columbia; Jan 1,1972-Sept.24,1986; dozens of arson & bomb attacks were carried out in a resurgence of activity by the radical Doukhobor sect, the Sons of Freedom; favourite targets were railways, utility poles & lines belonging to the West Kootenay power & light Company & the homes & buildings of Orthodox Doukhobors						
1975.03.01	BC	Storm		OFDA	14			
		Vancouver Island (March 1975)						
1975.07.22	BC	Landslide		OTHER	4			
		Devastation GI	source: Some of the Disasters in Canada Since 1900					
1976.12.20	BC	Earthquake	6.8	Press				
		West of Vancouver Island						
1977.01.01	Several	Drought		Press				
		Western Canada (1977)						

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1978.02.11	BC	Accident-Transportation		Press	43	4		
		Cranbrook, British Columbia; four seriously injured; a Pacific Western Airlines Boeing 737 coming in to land was destroyed when it tried to avoid hitting a snow plow on the runway						
1980.01.01	Several	Drought		Press				
		Western Canada (1980)						
1980.12.17	BC	Earthquake	6.8	Press				
		West of Vancouver Island						
1981.10.28	BC	Landslide		Press	9			
		Squamish, British Columbia; a slide of mud, rock and trees washed out a bridge after heavy rainfall greatly increased water levels						
1982.05.31	BC	Civil Unrest-Terrorism		Press				5.
		Dunsmuir, British Columbia; A.B.C. Hydro substation on Vancouver Island was dynamited by a left-wing group called Direct Action; the explosion caused \$5 million in damage; the group said they were protesting against industrial expansion which has "raped & mutilated the earth for 200 years"						
1984.01.01	Several	Drought		Press				1 000.
		Western Canada; 1984; losses resulting from the drought were estimated at \$1 billion; over 10,000 farms were affected						

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1985.01.01	Several	Drought		Press				50.
Western Canada; 1985; losses resulting from the drought were estimated at \$50 million								
1985.07.01	BC	Forest Fire		OFDA				
Northeast of Vancouver; forest fires destroyed half a million acres of timberland (July 1985)								
1985.12.23	Several	Earthquake	6.9	Press				
Nahanni Region, Northwest Territories: magnit.:6.6 And 6.9; Widely felt in the NWT, and northern Alberta and B.C.								
1986.03.21	BC	Earthquake	5.4	EPC				
Prince George; BC source: RD BC&YUKON								
1986.05.25	BC	Civil Unrest-Terrorism		Press				
Gold River, British Columbia; a car carrying four passengers including a visiting Punjabi Cabinet Minister was ambushed near Gold River on Vancouver Island; four men attacked the car & fired 5 shots, 2 of which hit the Minister; he feigned death & the attackers fled; four canadian Sikhs were later convicted for the attack.								
1988.01.01	Several	Drought		Press				
Interior of British Columbia to Ontario; 1988; net farm income fell by 16 per cent from the previous year (a drop from \$5.24 Billion to \$4.43 Billion)								

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1990.06.13	BC	Flood		GEOCC SITREP	4			10.
Washouts and mudslides closed sections of three highways (5, 33, 97) and reduced the TransCanada Highway to one lane near Revelstoke; four homes were destroyed by a mudslide 16 km east of Enderby; three houses were destroyed at Stoner Creek; 2 people died 10 km south of Vavenby caught in a mudslide; 2 others 30 km SE of Kelowna also due to a mudslide; damage estimates are predicted to be 10 million.								
1990.11.08	BC	Flood		Press			409	5.
November 8-13, 1990; South-Western British Columbia (including Vancouver Island); 409 people evacuated and eight homes destroyed; heavy rains caused widespread flooding over a wide area of South-Western B.C. and Vancouver Island; the B.C. interior was cut off from the coast for several days as highways were shut down by landslides and road washouts; damage was estimated to be between \$5 and \$10 million								

Yukon

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1918.01.01	Several	Epidemic		Press	50 000			
		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						
1953.01.01	Several	Epidemic		Press	481			
		Canada, nationwide; 1953; polio affected more than 8000 canadians						
1958.07.10	Several	Earthquake	7.9	Press				
		Alaska-British Columbia border; widespread damage in Alaska & widely felt in northern B.C. and the Yukon						
1960.01.01	Several	Other		OTHER				
		Across Canada. Phocomelia is the name of a deformity which can occur during the early stages of the development of an unborn child. Legs or arms don't develop completely, so that a hand grows from an elbow or shoulder, or a foot grows from a hip. In late 1950's and early 1960's, doctors all over the world recorded more and more cases of birth defects. In Canada 121 children were born with defects. Many of them died at birth. The cause was a drug called Thalidomide invented by a German company named Chemie Grunenthal. The drug was used as a sleeping pill and it also stopped people from feeling nauseous. Eventually, doctors realized that the mothers of all the deformed babies being born had taken Thalidomide during their pregnancies. The drug was quickly taken off the shelves of pharmacies and banned from sale. But the damage had been done. Source: "Canadian Disasters", Scholastic, by R. Schmidt						
1979.02.28	Yukon	Earthquake	7.2	Press				
		Southern Yukon-Alaska border; felt strongly in Canada						



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1918.01.01	International	Civil Unrest-Terrorism		Press	7			
		United Kingdom; 1918; seven soldiers were killed when Canadian troops in demobilization camps rioted in protest against the lengthy demobilization process						
1966.03.04	International	Accident-Transportation		Press	64			
		Tokyo, Japan; 8 survivors; a CP air DC-8 caught its wheels in the approach lights while landing in dense fog at Tokyo International Airport & smashed into a retaining wall						
1983.06.02	International	Accident-Transportation		Press	23	18		
		Cincinnati, Ohio, USA; an Air Canada DC-9 was destroyed when it caught fire en route to Toronto from Texas and landed in flames at Cincinnati airport						
1985.06.23	International	Accident-Transportation		Press	329			
		Ireland (west coast); 329 dead (280 Canadians); Air India Flight 182 en route from Toronto to India crashed in the North Atlantic; the crash was believed to have been caused by a terrorist bomb						
1985.06.23	International	Civil Unrest-Terrorism		Press	2	4		
		Tokyo (Narita Airport), Japan; a bomb went off at Narita Airport killing two baggage handlers & injuring four; the bomb was in a bag taken off a CP Air flight from Vancouver						
1991.07.11	International	Accident-Transportation		Press	261			
		Nationair DC-8 crashed in Saudi Arabia, killing 261 people.						

