



ARCHIVED - Archiving Content

Archived Content

Information identified as archived is provided for reference, research or recordkeeping purposes. It is not subject to the Government of Canada Web Standards and has not been altered or updated since it was archived. Please contact us to request a format other than those available.

ARCHIVÉE - Contenu archivé

Contenu archivé

L'information dont il est indiqué qu'elle est archivée est fournie à des fins de référence, de recherche ou de tenue de documents. Elle n'est pas assujettie aux normes Web du gouvernement du Canada et elle n'a pas été modifiée ou mise à jour depuis son archivage. Pour obtenir cette information dans un autre format, veuillez communiquer avec nous.

This document is archival in nature and is intended for those who wish to consult archival documents made available from the collection of Public Safety Canada.

Some of these documents are available in only one official language. Translation, to be provided by Public Safety Canada, is available upon request.

Le présent document a une valeur archivistique et fait partie des documents d'archives rendus disponibles par Sécurité publique Canada à ceux qui souhaitent consulter ces documents issus de sa collection.

Certains de ces documents ne sont disponibles que dans une langue officielle. Sécurité publique Canada fournira une traduction sur demande.

Man, VF:
Ice storm
'98

Situation Report
Compte Rendu

Number/numéro: 02

Date/Time of Report: 08 January 1998, 1100 hours EST

Date/heure fait le:

Location/Situé à: Quebec

Subject/Sujet: Ice Storm - Hydro Outage

QC

926.45

.C2

S58

1998

Situation:

The additional freezing rain that fell on parts of Quebec in the past 12 hours has caused wide spread damages. The area most seriously affected is between Hull and Drummondville, including Montreal and the Eastern Townships. As of early this morning there are approximately 2,200,000 people without hydro; the situation may be getting critical as many old people residences are without power. Hydro Quebec is continuing to operate emergency operation centres in Montreal, St-Hyacinthe and St-Antoine and has 2,000 workers removing tree debris and trying to restore power; an additional 120 crews have been brought in from the northern United States. 125 emergency reception centres have been opened in different parts of the affected areas. Bell Canada has brought in portable generators from Ontario.

Casualties:

There has been 5 fatalities and 40 people reported ill due to carbon monoxide poisoning. There have been 85 people evacuated from the municipality of Cook Shire due to flooding.

Federal Involvement:

DND - The office responsible for Domestic Operations in Quebec has been placed on alert to respond to any requests from Protection Civile. 4500 cots from CFB Valcartier and Longue Pointe have been provided to the Red Cross. A 30 kw generator has been provided for a mental health institution. A Liaison Officer is now present at the provincial operation centre.

Health Canada - Has provided 1060 cots to the Red Cross; HC will also look after transport to the required areas.

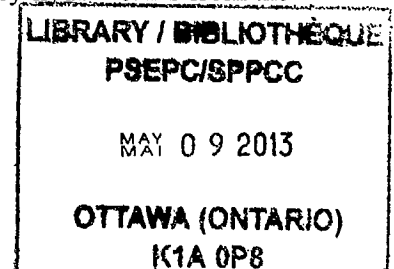
Environment Canada - Has dispatched a liaison officer to the Provincial Operations Centre.

Human Resources Canada - Supporting and coordinating the arrival of emergency crews from the USA.

Industry Canada - Telecommunications - On standby to deal with any communications problems. Bell reported, last night before the most recent freezing rain, that more than 100,000 telephone lines were down in the affected area.

Revenue Canada (Customs) - On standby to assist with the entry of emergency hydro teams from the USA if they are required.

QC
926.45
.C2
S58
1998



Canadian Coast Guard – Is on stand-by to provide 30 kw generators; 3 are available, but will require transport to move them.

Weather Synopsis:

Freezing rain warning in effect.

Today, periods of snow mixed with freezing rain and ice pellets. Further snow accumulation up to 5 cm locally. Wind northeast 20 to 40 km/h. Temperature steady near minus 6. High near minus 4. Tonight, light snow mixed with freezing rain tapering to patchy freezing drizzle and scattered flurries this evening. Wind northeast increasing to 20 to 40 km/h. Low near minus 8.

Source/Provenance:

EPC Assistant Regional Director Quebec, CP Newswire

A complete translation to French is available on request.

Une traduction complète de l'Anglais est disponible sur demande.

Copyright of this document does not belong to the Crown.
Proper authorization must be obtained from the author for
any intended use.

Les droits d'auteur du présent document n'appartiennent
pas à l'État. Toute utilisation du contenu du présent
document doit être approuvée préalablement par l'auteur.

Situation Report Compte Rendu

Number/numéro: 02

Date/Time of Report: 08 January 1998, 2000 hours EST

Date/heure fait le:

Location/Situé à: Ontario

Subject/Sujet: Ice Storm - Hydro Outage

Situation:

The Province now has 22 municipalities who have declared emergencies (Akwasasne FN, North Grenville, South Frontenac, County of Central Frontenac, South Dundas, Region of Ottawa-Carleton (includes 11 area municipalities), North Frontenac, South Stormont, Lanark Highlands, Russell, Nation, Merrickville-Walford, Smith Falls, Perth, North Dundas, South Glengary, North Stormont, Casselman, Alexandria, Brockville, Frontenac Island, Kingston). Province itself has not declared an emergency and does not anticipate doing so.

One element created for this emergency is a Generator Request line at 1-416-314-0538. There appear to be numerous commercial sources of supply including US sources. Molson Breweries have offered generators at no charge from their Home Depot stores.

Health Canada has supplied 2800 cots and 1200 blankets to the Regional Municipality of Ottawa Carleton, Kingston and Morrisburg from its national stockpile in Ottawa and has also supplied 14000 cots and 8000 blankets to Quebec from its national stockpiles in Ottawa, Petawawa and Valcartier. The Province of Ontario does not anticipate any additional requests for federal assistance at this time and has stated that their policy is to exhaust local resources (including commercial) before requesting federal help.

Cornwall and Kingston requested assistance from local DND facilities but these have been withdrawn. HQ Land Forces Central Area and the EMO Provincial Operations Centre are in close contact to action any future requests.

The Province has evacuated the Brockville Correctional Institute to Quinte and has cancelled the L'Original Correctional Institute evacuation due to icy road conditions.

Sixty bed ridden seniors are being redistributed within Prescott.

Weather Synopsis:

Another 5-10 mm of freezing rain is forecasted for this evening. A short break in the precipitation is expected overnight before another low-pressure system develops south of the Great Lakes bringing another episode of freezing rain for Friday. An additional 5-10 mm of freezing rain is expected in the National Capital Region and along the St. Lawrence River. On Saturday a cold front is expected to move across eastern Ontario and bring an end to this freezing rain pattern.

Source/Provenance:

EPC Regional Director Ontario

A complete translation to French is available on request.

Une traduction complète de l'Anglais est disponible sur demande.



Situation Report Compte Rendu

Number/numéro: 04 Date/Time of Report: 12 January 1998, 2200 hours EST
Date/heure fait le:

Location/Situé à: Maritime Provinces

Subject/Sujet: Weather Emergencies

Weather Synopsis:

New Brunswick: Increased cloudiness overnight. Lows minus 13 to minus 17. Tuesday – cloudy with snow in the afternoon turning to rain along Fundy coast Highs minus 5 to minus one except along Fundy coast – plus one

NEW BRUNSWICK

As of 1900 hours, 12 January, most NB Power main feeder lines have been restored however many local lines are still down or damaged. NB Power reports Rothesay has 428 households without power and St. Stephen 2119. St. John Civic Hydro reports that 500 homes are still without power. It is estimated that for some people power will not be fully restored until week's end.

One reception centre in Millidgeville remains open. All other Centres are now shut down.

New Brunswick EMO Emergency Operations Centre is open to co-ordinate the provincial response to the emergency.

New Brunswick has requested approximately 300 military personnel for humanitarian assistance and cleaning debris.

NOVA SCOTIA

The situation in Nova Scotia has improved and the Province has ceased issuing sitreps unless the situation deteriorates again.

PRINCE EDWARD ISLAND

Only minor power outages remain.

Source/Provenance:

EPC Regional Director NB
EPC Regional Director NS/PEI

**A complete translation to French is available on request.
Une traduction complète de l'Anglais est disponible sur demande.**

Situation Report Compte Rendu

Number/numéro: 04

Date/Time of Report: 10 January 1998, 1100 hours EST

Date/heure fait le:

Location/Situé à: Ontario & Quebec

Subject/Sujet: Weather Emergencies

Weather Synopsis

The ice storm is over. The last freezing precipitation over Eastern Ontario and Southern Quebec on Friday evening has now moved toward the Atlantic Provinces. In its wake, skies will remain cloudy and scattered flurries are possible. Temperatures are expected to remain above seasonal averages.

General

This Situation Report provides an overview of the emergency situations in Eastern Ontario and Quebec and consolidates the response to requests for federal support.

ONTARIO

Two separate and somewhat distinct emergencies have been monitored by Emergency Measures Ontario (EM Ontario), although one has now ceased to be of serious concern (see below).

Ice Storm Eastern Ontario

The Province now has 57 municipalities which have declared emergencies (Akwesasne FN, North Grenville, South Frontenac, United Central Frontenac, South Dundas, Region of Ottawa-Carleton (includes 11 area municipalities), North Frontenac, South Stormont, Lanark Highlands, Russell, Nation, Merrickville-Wolford, Smith Falls, Perth, North Dundas, South Glengary, North Stormont, Casselman, Alexandria, Brockville, Frontenac Island, Kingston, Cornwall, Montague, Lanark County (18 municipalities), Landsdowne, Township of Hawksebury, Champlain).

Province itself has not declared an emergency and does not anticipate doing so. One element created for this emergency is a Generator Request line at 1-416-314-0538.

Ontario Hydro estimates that 1.5 million people are currently without electrical power in Eastern Ontario. However, the Ontario area Hydro grid held up during the critical period of Friday evening and overall hydro stability is reported. The Ontario Hydro Support Centre in Vankleek Hill will be prepared to accommodate 500 hydro workers this morning (10 Jan) to permit work on area of greatest utility damage.

The following federal support is being provided.

Department of National Defence (DND) – Ontario has made a formal request, through HQ Land Forces Central Area, for specific DND support involving approximately 1,600 military personnel, some vehicles, and electrical generators. The department has several fixed and rotary wing aircraft on standby. The stated tasks are to assist in road clearance, restoration of community services, provision of transportation to shelters and assistance to the aged and disabled. In addition, the Province has requested hangar space at CFB Trenton for provincial aircraft.

Health Canada (HC) - has supplied 6648 cots, 5935 blankets and 15 x 3KW & 9 x 10KW generators to Eastern Ontario municipalities from its national stockpile.

Public Works and Government Services Canada (PWGSC) – has assisted the Regional Municipality of Ottawa-Carleton to locate generators and in converting the Heron Road Study Centre to a Reception Centre.

Emergency Preparedness Canada (EPC) – through its Government Emergency Operations Co-ordination Centre in Ottawa, and its Regional Office in Toronto, is co-ordinating Ontario requests for federal and international assistance. Principal requirement continues to be generators. A list of 42 specific generator requirements has been received by the GEOCC and is being actioned.

Flooding Central Ontario

Floodwaters are now receding and the situation is no longer considered serious. Unless conditions deteriorate, there will be no further reports on this subject.

QUEBEC

Situation: Several regions, including Montreal, have been severely affected by the ice storm as it moves east. Quebec has responded with its own resources but has requested some federal support. 3.25 million people remain without electricity. 100,000 people have relocated to 200 reception centres. A request for 150,000 additional cots was forwarded from the Province of Quebec to the GEOCC. In the absence of Canadian sources of this magnitude, a formal request to the United States was prepared through DFAIT. The cots, supplied by the US military will be delivered to Mirabel Airport by US military aircraft beginning p.m., 10 January. Customs clearance has been arranged. Quebec has confirmed that blankets are not required from US to complement the cots.

There have been 7 fatalities and 35 injuries attributed directly to the emergency.

It is estimated that it will take 2 to 3 weeks to fully restore services across the Province.

The following is a summary of federal resources and activities requested and/or carried out:

Department of National Defence (DND) - has responded by making available troops and equipment, especially electric generators. Fixed and rotary wing aircraft have been placed on standby to support Quebec.

Health Canada (HC) – has supplied 12,895 cots and 4,200 blankets to Quebec from its national stockpiles.

Canadian Coast Guard (CCG) - has provided personnel and equipment, including emergency lighting, vehicles and emergency generators to the municipality of Henriville.

Revenue Canada (RC) – has facilitated the cross-border movement of emergency personnel and equipment from the United States.

Industry Canada (Telecomm) – has facilitated requests for assistance from the telecommunications industry. This has included provision of 4 generators from Bell Vancouver to Bell Montreal via CF aircraft, arriving Dorval today. Possibility of fuel shortages in Montreal could jeopardise operation of critical telecommunications generators. EPC Regional Office Quebec has ensured that Bell generators will be placed on same priority for fuel as fire trucks and other emergency vehicles. Personnel and equipment from AT&T USA (Plattsburg) en route to provide assistance to AT&T Canada (Montreal).

Emergency Preparedness Canada (EPC) – through its Government Emergency Operations Co-ordination Centre in Ottawa, and its Regional Office in Quebec City, is co-ordinating Quebec requests for federal and international assistance including a Hydro Quebec request for 1500 hydro poles from the United States. Some states have restrictions on oversize vehicles on weekends. EPC/GEOCC is co-ordinating exceptional clearance where required.

Source/Provenance:

EPC Regional Directors Ontario and Quebec
EM Ontario
Securite civile Quebec

A complete translation to French is available on request.

Une traduction complète de l'Anglais est disponible sur demande.



Situation Report **Compte Rendu**

Number/numéro: 06

Date/Time of Report: 11 January 1998, 11:00 hours EST
Date/heure fait le:

Location/Situé à: Ontario & Quebec

Subject/Sujet: Weather Emergencies

Weather Synopsis

Ottawa-Hull & Cornwall – Cloudy with sunny breaks. Isolated flurries. Winds W 20 to 40 km/h. High near -8. Tonight, cloudy periods with a Low near -15. Monday, sunny with increasing cloudiness in the afternoon. High -6. POP 30 today 10 tonight, 20 Monday.

Montreal – Cloudy with 40% chance of flurries. Clearing late in the evening. High near -4. Winds SW 15 to 30. Tonight, cloudy with clear periods. Low near -11. Monday same as Ottawa.

General

This Situation Report provides an overview of the emergency situations in Eastern Ontario and Quebec and consolidates the response to requests for federal support.

Federal Deputy Ministers will meet this afternoon at 13:00 hours to discuss funding issues and recovery operations.

ONTARIO

Situation

The Province now has 57 municipalities which have declared emergencies (Akwasasne FN, North Grenville, South Frontenac, United Central Frontenac, South Dundas, Region of Ottawa-Carleton (includes 11 area municipalities), North Frontenac, South Stormont, Lanark Highlands, Russell, Nation, Merrickville-Wolford, Smith Falls, Perth, North Dundas, South Glengary, North Stormont, Casselman, Alexandria, Brockville, Frontenac Island, Kingston, Cornwall, Montague, Lanark County (18 municipalities), Landsdowne, Township of Hawks-bury, Champlain).

Province itself has not declared an emergency and does not anticipate doing so. One element created for this emergency is a Generator Request line at 1-416-314-0538.

The Province is now able to match local requirements with provincial and national resources and has satisfied the initial requests of about half the affected municipalities. Generators are in short supply but initial requests are being met. The power grid has suffered major long term damage. Province has anticipated a need for heavy duty generators and these are currently being sourced in province.

Additionally, FEMA Zone 5 (Chicago) has been asked to assist with the identification of heavy generator suppliers. There is a shortage of food in some areas due to power outages. Wholesalers are being asked to address the problem. Water treatment plants are operational, however the system is fragile and the situation may change.

Ontario Hydro estimates that 1.5 million people are currently without electrical power in Eastern Ontario.

The following federal support is being provided:

Department of National Defence (DND) – DND has provided support by providing approximately 3,400 military personnel, vehicles, and electrical generators.

Health Canada (HC) - has supplied a total to date of 10,756 cots, 15,785 blankets, 3,350 stretchers, and flashlights and batteries in response to requests from the Ontario Ministry of Health and Social Services.

Public Works and Government Services Canada (PWGSC) – has assisted the Regional Municipality of Ottawa-Carleton to locate generators and in converting the Heron Road Study Centre to a Reception Centre.

Emergency Preparedness Canada (EPC) – the Coordination & Operations Group (COG) will be activated at 1400 hours to continue coordination of response operations.

QUEBEC

Situation

More than 200 Quebec communities have now declared a disaster.

Thanks to the weather, the situation has deteriorated during the day for those who are without power and heat. Although the freezing rain has stopped, the temperature is becoming colder. Approximately 900,000 residences (affecting approximately 2,350,000 people) are without power. Approximately 100,000 people are being accommodated in reception centres. More than 2,000 Hydro Quebec employees are working on restoring the power and more than 1,000 American line operators from the bordering States have arrived to provide additional assistance. Telecommunications are stable and operational to date, but the telecommunications companies report a concern that their generators will soon run out of fuel. EPC in Quebec has ensured that telecom generators have priority for fuel. The Montreal water system is still down and infected.

The Premier of Quebec has announced that it could be two or three weeks before power will be back in place for all residents.

The following is a summary of federal resources and activities requested and/or carried out:

Department of National Defence (DND) - has responded by providing troops (3,100 already in place and another 3,000 are expected during the remainder of the weekend) from BFC Valcartier and by providing equipment, especially electric generators, cots and sleeping bags. Garrison St-Jean is accommodating 350 Hydro workers and 100 others. Fixed and rotary wing

aircraft have been placed on standby to support Quebec. CF aircraft are being used to transport large generators to Montreal from Victoria, B.C.

Health Canada (HC) – an additional 30,000 stretchers and 55,000 blankets from Health Canada national stockpiles are being shipped to Base Militaire de Longue Pointe. 150 cots and 500 blankets were shipped to St. Regis First Nations Reserve, and 150 cots were shipped to Akwesasne First Nations Reserve.

Canada Post – Canada Post is working with Sécurité civile du Québec to plan the return of the mail system to normalcy.

Emergency Preparedness Canada (EPC) – through its Government Emergency Operations Co-ordination Centre in Ottawa, and its Regional Office in Quebec City, is co-ordinating Quebec requests for federal and international assistance including a Hydro Quebec request for 1500 hydro poles from the United States, and for cots. By this evening, up to 40,000 cots will have arrived in the Montreal area from US sources.

Source/Provenance:

EPC Regional Directors Ontario and Quebec
EM Ontario
Securite civile Quebec

A complete translation to French is available on request.

Une traduction complète de l'Anglais est disponible sur demande.

Situation Report **Compte Rendu**

Number/numéro: 10 **Date/Time of Report: 12 January 1998, 2200 hours EST**
Date/heure fait le:

Location/Situé à: Ontario & Quebec

Subject/Sujet: Weather Emergencies

Weather Synopsis

Eastern Ontario – A low-pressure system will bring snow over the region tonight. Strong southerly wind will bring warmer air tonight and tomorrow morning. Precipitation will change to rain in southern-most part of region and in National Capital Region. A slight risk of freezing rain is possible, but would only be for a brief period. Starting Tuesday afternoon and for next several days temperatures will be colder.

Montreal and South Shore – A disturbance from the Great Lakes will bring clouds and snow over Western Quebec on Tuesday. Southerly winds will develop Tuesday morning and bring temperatures to the freezing point. As a result, snow could be wet over Southern-most Quebec. As the system moves east, skies will clear on Tuesday night. A colder air mass over the Region will bring colder temperatures.

General Overview

Minister of National Defence and Minister Responsible for Emergency Preparedness, Art Eggleton, today appealed to civilian employers to provide Reserve Force members with time off to complete their duties in support of Operation Recuperation. Approximately 2,300 reservists from all areas of the country are among the 12,000 military personnel deployed in Ontario and Quebec to assist humanitarian relief operations.

Treasury Board – announced that the federal government will resume normal operations, local circumstances permitting, on Tuesday, 13 January 1998, in Eastern Ontario, Quebec, and those parts of the Maritimes that were affected by the ice storm.

Department of National Defence (DND) - support at the national level includes: moving high input generators and cots. A total of 31 flights have been flown in support of the operation including 4 medical evacuations.

Canadian Coast Guard (CCG) Department of Fisheries and Oceans – heavy generator equipment normally used for marine emergencies and pollution response equipment are being made available for hospitals and emergency centres in co-ordination with the Canadian Forces.

Revenue Canada (RC) – has facilitated the cross-border movement of emergency personnel and equipment from the United States.

Canadian Food Inspection Agency – is working with dairy farmers' associations and U.S. officials to arrange to have milk from storm-torn areas processed at U.S. plants and to reroute agriculture and food products to facilities outside affected areas.

Public Works and Government Services Canada and Transport Canada – are jointly staffing a generator working group to locate and transport generators to priority locations in Ontario and Quebec.

Elements of a National Support Centre (NSC) comprising the Public Affairs Group and the Co-ordination and Operations Group (COG) have been established at EPC HQ. The COG met at 1400 to discuss outstanding resource issues requiring federal assistance.

Problems in both provinces vary from community to community, but in addition to power outages, in rural areas the blockage of roads and lanes by fallen trees and hydro poles still inhibits easy access. The problems of farmers are compounded by the fact that this is the time when domestic animals give birth. Everywhere the recent drop in temperature has caused more people to turn to emergency shelters.

Largely as a result of power loss, the number of telephone lines out of service went from 100,000 lines (January 6) to 45,000 lines (January 12). There are 4,000 telephone posts down. As of 12 January, 950,000 telephone lines were operating on generator power.

ONTARIO

Situation

57 Ontario municipalities continue to operate under declared emergencies. The Province itself has not declared an emergency and does not anticipate doing so. The shortage of generators continues with new requirements arising as old ones are satisfied. The Provincial Generator Request line is 1-416-314-0538.

EM Ontario has emphasised that the public has not been asked for any donations other than small generators. The provision of other donated items is greatly appreciated; however, the clear priority is for generators.

Ontario Hydro estimates that 87,000 people, mostly in rural areas, are currently without electrical power in Eastern Ontario. 872 field staff are active in the restoration work and that number is expected to increase to 993 by Thursday. It is expected that power will be restored to most areas within RMOC by tomorrow, however rural areas outside the RMOC are unlikely to have power for five to ten days at the earliest.

Repair crews are finding that several toppled transformers have leaked PCB contaminated oil. Environment crews are following Hydro crews and finding that cleanup is not easy due to layered freezing rain.

Ontario Hydro expects that it will have detailed needs assessment completed in 48hrs and will then be in a position to examine its ability to help other utilities.

The following federal support is being provided:

Department of National Defence (DND) – a total of 3,477 regular and reserve Forces personnel have been deployed to assist in humanitarian relief operations into five general areas – Hull area, East of Rideau River, West of Rideau River, Hawkesbury area and the Kingston – Brockville and Cornwall area.

Health Canada (HC) – has issued the following supplies to Ontario in response to requests from the provincial government: 10,756 cots, 19,525 blankets, 4,320 stretchers, 20 X 3kw generators, 16 X 10kw generators, 260 flashlights, 580 batteries.

Fisheries & Oceans (DFO) – 30 generators from Canadian Coast Guard are in service in Prescott. CCG Vessel SIMCOE providing rest and food for Hydro crews in Prescott. 31 Additional generators and 50 pumps being shipped from DFO Maritimes and Newfoundland Regions, ETA Ottawa by 1200, 13 Jan. 15-20 CCG ships are available as reception centres for victims or comfort stations for recovery workers along the St Lawrence River as far west as Kingston. Depending on consultations with Hydro experts, ships might also be used for electric power generation to some municipalities. Most ships can handle helicopters and most have their own.

Environment Canada- Environment Canada is staffing a desk at Emergency Preparedness Canada and will provide a special 10 day forecast for the affected area starting on Tuesday, 13 January. Regional Environment Canada centres in Ottawa, Montreal and Fredericton are supporting local requirements.

Canadian Mortgage and Housing Corporation (CMHC) – unoccupied housing units with running water and electrical amenities have been offered to the province in the Trenton and Ottawa areas.

Non-Government Organisations:

St John Ambulance Brigade – Brigade volunteers have been assigned to first aid services in reception centres and in assisting in the transport of senior citizens from nursing homes to reception centres. Brigade operations are underway in the following communities and in surrounding rural areas: Ottawa-Carleton, Arnprior, Brockville, Cornwall, Kingston and Prescott. Additional personnel and vehicles have been despatched from Toronto to Eastern Ontario. Additional personnel and resources are available if required/requested. Contingency planning is in progress to provide services over a protracted period.

QUEBEC

Situation

More than 200 Quebec communities have now declared a disaster.

Approximately 625,000 residences (affecting approximately 1,622,000 people) continue to be without power. Approximately 65,000 people are being accommodated in reception centres on the South Shore. It is estimated that another 500,000 affected residents have relocated to other accommodation.

No changes in the general situation have been reported since the last situation report.

The following is a summary of federal resources and activities requested and/or carried out:

Department of National Defence (DND) – a total of 8,052 regular and reserve Forces personnel have been deployed to assist in humanitarian relief.

Health Canada (HC) - has issued the following supplies to Quebec in response to requests from the provincial government: 13,195 cots, 52,470 blankets, 80,518 stretchers, 19 X 3 kw generators, 19 X 10 kw generators. HC has also shipped the following supplies to Awkwwasne First Nations Reserve: 450 cots, 800 blankets, one 3 kw generator, 5 X 10 kw generators.

Canadian Mortgage and Housing Corporation (CMHC) – unoccupied housing units with running water and electrical amenities have been offered to la Securite publique du Quebec who will be responsible for the distribution.

Canadian Coast Guard (CCG) Department of Fisheries and Oceans – provided personnel and equipment, including emergency lighting, vehicles and emergency generators to the municipality of Henriville and Ste-Eugene.

Transport Canada (TC) – is assisting in arranging transport for generators from Edmonton and Winnipeg, as well as co-ordinating the shipment of hydro poles from Alabama.

Industry Canada (Telecoms) (IC) – is co-ordinating requests for assistance from telephone companies and other communications services. IC facilitated two 48KW and two 50KW generators from BCTel in Vancouver to Bell Canada in Montreal. Generators transported by DND. Personnel and equipment from AT&T USA have arrived and are in place to provide assistance to AT&T Canada (Montreal). Bell Canada reports that 63,000 telephone lines are down (40,000 lines in Montreal and 23,000 lines outside the city). Eighty additional frequencies have been allocated to DND in the province of Quebec for emergency operations.

Corrections Canada – provided 3000 blankets and 300 mattresses from its regional warehouse to the Red Cross for distribution. Provided facilities of its College in Laval as a reception Centre. Other Corrections Canada facilities in the Province provided equipment to reception centres and volunteer security patrols in some municipalities during the silent hours.

Non-Government Organisations:

St John Ambulance Brigade – Approximately 200 Brigade volunteers have been assigned to first aid services in reception centres and in assisting in the transport of senior citizens from nursing homes to reception centres. Additional personnel and resources are available if required/requested. Contingency planning is in progress to provide services over a protracted period.

Source/Provenance:

EPC Regional Directors Ontario and Quebec

EM Ontario

Securite civile Quebec

Federal departmental Sitreps

A complete translation to French is available on request.

Une traduction complète de l'Anglais est disponible sur demande.



Situation Report Compte Rendu

Number/numéro: 12 **Date/Time of Report: 13 January 1998, 2300 hours EST**
Date/heure fait le:

Location/Situé à: Ontario & Quebec

Subject/Sujet: Weather Emergencies

Weather Synopsis

Eastern Ontario – Sunshine and lighter wind will help regain a few degrees Wednesday, but still below normal temperatures; forecast high near minus 13. Another system approaching from the west will bring considerable cloudiness Thursday; low near minus 18, high near minus 10 to minus 8. Probability of precipitation: 60 tonight, 0 Wednesday, 20 Thursday.

Montreal and South Shore – Apart from isolated flurries near the Ontario border, skies will be clear tonight and Wednesday. Winds of 20 to 40 km/h are expected, 30 to 50 km/h in the Drummondville/Beauce area. Low tonight near minus 18; high Wednesday from minus 15 to minus 13. Thursday will be sunny, except near Ontario border where clouds and light snow are possible. Low of minus 20 to minus 25; high from minus 12 to minus 15. Friday and Saturday projected to remain sunny, with lighter winds and moderating temperatures.

General Overview

Power outages continue to plague urban centres, but the critical focus of concern is for rural areas and related agricultural operations as the prospect of power resupply remains comparatively long-term (weeks) due to the extensive devastation of hydro distribution systems.

Federal department activity includes the following:

Agriculture and Agri-Food Canada (AAFC) – has established close linkages with the Ontario and Quebec ministries of agriculture and with them is urgently facilitating the provision of the generators required to support producers' and processors' requirements. Both provincial ministries are concerned about water and ventilation for livestock and poultry, and, for the future, dead animal disposal.

Canadian Food Inspection Agency (CFIA) – an agreement has been negotiated with the USFDA, through DFAIT, to allow Canadian milk (mainly from Ontario) to be processed in the States and returned to Canada for distribution. Milk from affected areas in Quebec is being shipped to NB and NS. Large dairy processing facilities in the affected area are slowly having power restored, some with generators, but significant milk dumping continues as collection is hampered by poor farm lane access and lack on power to pump milk.

Other agricultural processing plants are using alternate power supply or are shipping products for processing elsewhere. CFIA inspectors are working double and weekend shifts to monitor processing and slaughter operations in the affected areas to ensure safety of the food supply.

The CFIA Import Service Centre at St-Bernard-de-Lacolle has temporarily transferred operations to Toronto and Vancouver service centres.

Although only a few animal deaths have been reported, the next 24-48 hours may be critical in terms of animal well-being. Hog and poultry operations are likely to require increasing attention.

Department of National Defence (DND) – A total of 14,082 regular and reserve officers have been committed to humanitarian, security, debris clearance and community support operations in Ontario and Quebec. Resources are increasingly being focussed in rural areas, which face the major burden of extended power outages.

Department of Fisheries and Oceans - Canadian Coast Guard (CCG)– Headquarters are considering the possibility of re-deployment of available ships and portable assets to the disaster areas. CCG representatives have offered the power-generating capabilities of the Coast Guard vessels to help power communities near the St Lawrence shore. Deployment time and the technical complexities of shore-side connection could require several days to sort.

Health Canada (HC) – HC has contacted non-government relief organizations, and has agreed to leave them to operate through their respective provincial and local networks pending the receipt by the federal government of specific provincial requests.

Industry Canada (Telecommunications) (IC) – major generator supply movements to support the operation of telephone companies in Quebec are complete. Currently, the movement of telephone trucks from Edmonton to Montreal is being arranged. Cellular and PCS services remain operational, benefiting from additional channel allocations at some sites; potential vandalism of generators powering parts of the system is a concern. Support to DND includes the allocation of additional radio frequencies for field communications, as well as a 6 GHz earth station.

Transport Canada (TC) – continues to actively support affected provinces and other federal departments in transportation-related matters and requests for information. Since the last report they have been able to expedite air and rail movements of generators and other disaster resource, and to provide status and capability reports on bridges, airports, navigational systems, roads and rail; in two cases, TC has coordinated overflight authorizations and operating clearances for non-domestic planes involved in emergency cargo movements.

Non-Government Organisations

Canadian Red Cross is active in assessing needs and providing support to community shelters in both provinces. Its Registration and Enquiry service in Ontario handled 400 enquiries, with 150 matches. A call centre for Western Canada has been set up in Winnipeg.

St. John Ambulance remains active in rural areas in Eastern Ontario, and throughout the affected areas in Quebec, through the provision of first aid services at reception centres and in accompaniment of military community patrols, and the deployment of Mobile First Aid Posts to selected locations.

Loaned equipment includes generators, emergency lighting, telecommunications supplies and canteen facilities. Reinforcements from central Ontario centres are in situ, with others are ready on stand-by.

ONTARIO

Situation

As at 12:00PM 13 Jan - Emergency Measures Ontario reports that:

- 54 communities continue under declared emergencies. A reorganization of EMO resources has seen the deployment of liaison officers to several rural communities, and the establishment of links with deployed CF units.
- A system of twinning affected and non-affected communities has begun. Nine affected communities have declined, but 24 non-affected communities are twinned with and assisting the remaining 43 affected.
- The Ontario Ministry of Agriculture, Farming and Rural Affairs (OMAFRA) has set up a hotline to address the need for farm generators and other agricultural needs.
- 81,000 residences remain without electric power, 10,000 urban and 71,000 rural.

The following federal support (in addition to that listed under "general" above) is being provided:

Department of National Defence (DND) – a total of 4,266 regular and reserve Forces personnel have been deployed to assist in humanitarian relief. The trend is to move out of urban areas, which are now showing marked improvements, into the rural areas. Military units are now established in Perth, Winchester, Casselman and Williamstown. There is a concern about the ability to maintain and repair the larger generators

Health Canada (HC) – since the last report, another 10 X 3kw and 10 X 10kw generators have been provided, together with additional flashlight, batteries and towels, from Emergency Services Division's National Medical Stockpile depots. Additional resources, including 5 generators, 8 CO monitors and various medical supplies have been furnished to the Akwasasne Reserve by the First Nations Health Program directorate, which has also arranged for the provision of nursing, physician and environmental health services.

Fisheries & Oceans (DFO) – 50 CCG personnel have been formed into field crews and using ten CCG and several private vehicles are delivering and setting up pumps and generators in Prescott and outlying areas. Involvement is expected to last for two weeks. Assets moved in from other areas are being deployed to SE Ontario municipalities.

Public Works and Government Services Canada (PWGSC) - A PWGSC team is working with the Regional Municipality of Ottawa Carleton and the government of Ontario to supply over 90 generators to eastern Ontario. Thirty to 40 more are scheduled to be delivered today (13 January).

RCMP - Cornwall and Kingston Detachments are providing patrol assistance (30 and 14 officers respectively) to OPP and municipal police forces in Kingston, Brockville and Gananoque, as well as to the Akwesasne Police.

QUEBEC

Situation

More than 200 Quebec communities have now declared a disaster.

Approximately 618,000 residences (affecting approximately 1,545,000 people) continue to be without power. The numbers are as follows: Island of Montreal (103,000), Montérégie (455,200), Laval, Laurentides and Outaouais (56,200), and Beauce/Amiante (3,600). The number of power outages in Montreal has more than halved since the last situation report, but the 22 municipalities of the Regional Municipality of Drummond continue to remain totally without power.

The reception centre needs are the most pressing in Montérégie, West Island and in hospitals. A large majority of the reception centres in these areas are functioning only with the support of generators. Reception centres are gradually closing in the Outaouais, due to a reduction in requirement.

Systematic visits of all the agricultural producers in Bois-Francs and Estrie have been organized in order to better clarify generator needs and to organize a system of sharing equipment.

The following is a summary of federal resources and activities (in addition to those listed under "General" above) requested and/or carried out:

Department of National Defence (DND) – a total of 9,816 regular and reserve Forces personnel have been deployed to assist in humanitarian relief. Forty of the ninety designated tasks have been completed, primarily in support of Hydro Quebec. Canadian Forces airlift continues to deliver heavy equipment into Montreal. In response to a provincial request, the Canadian Forces in the Montreal and South Shore area have been assigned peace-officer status, albeit unarmed, to assist police in the protection of persons and property.

Health Canada (HC) - requests for an additional 34 X 3 kw and 34 X 10 kw generators for Boucherville have been actioned.

Canadian Coast Guard (CCG) Department of Fisheries and Oceans – a number of major ships have been offered to provide on-board accommodation for emergency personnel. Pumps, generators, trucks and personnel have been deployed to the areas of Henryville and St-Eugene.

RCMP – the RCMP has been providing direct assistance to Quebec police forces, cities and towns, including Brossard (60 officers, reducing to 30), St-Jean and Marieville (50 officers), and numerous other local authorities. Five marked vehicles were loaned to the MUC Police Dept.

Source/Provenance:

EPC Regional Directors Ontario and Quebec
EM Ontario
Securite civile Quebec
Federal departmental Sitreps

A complete translation to French is available on request.

Une traduction complète de l'Anglais est disponible sur demande.



Situation Report **Compte Rendu**

Number/numéro: 15 Date/Time of Report: 15 January 1998, 1100 hours EST
Date/heure fait le:

Location/Situé à: Ontario & Quebec

Subject/Sujet: Weather Emergencies

Weather Synopsis

Eastern Ontario: Thursday: Periods of snow. Cold north-east wind 20-40 km/hr resulting in drifting. High near minus 14. Tonight, light snow, accumulation about 5 cm. With higher amounts south and east of Ottawa. Overnight low minus 16. Friday: Cloudy with afternoon sunny breaks, isolated flurries. Wind north-east to 25 km/hr. High near minus 9.

South-western Quebec. Thursday: Cloudy with clear periods and intermittent light snow. Cold, with highs from minus 11 in Montreal area to minus 15 in Laurentides. Friday, a large disturbance will move by south of Quebec and the Monteregie area will receive about 5 cm of snow. Friday highs will be near minus 8, as temperatures are beginning a slow moderating trend to near normal values by the weekend.

General Overview

The restoration of telephone and electrical services continues, however many rural areas will be without power for at least the balance of the week and in some cases several weeks.

Changes to Federal department activities since SITREP 14 include the following:

Department of National Defence (DND) - A total of 15,127 troops are now deployed, 10,124 in Quebec, 4,619 in Ontario and 384 in New Brunswick. Yesterday, soldiers in Ontario saved lives by extinguishing a house fire, and in another home by rescuing occupants affected by carbon monoxide poisoning.

Health Canada - No new requests for supplies have been received from Quebec, Ontario or the First Nations since late afternoon of 14 Jan.

ONTARIO

Situation - Recovery operations continue, no significant change since last report.

QUEBEC

Situation - Recovery operations continue, no significant change since last report.

Source/Provenance:

EPC Regional Directors Ontario and Quebec

EM Ontario

Securite civile Quebec

Federal departmental Sitreps

A complete translation to French is available on request.

Une traduction complète de l'Anglais est disponible sur demande.

Situation Report Compte Rendu

Number/numéro: 17 Date/Time of Report: 16 January 1998, 1100 hours EST
Date/heure fait le:

Location/Situé à: Ontario & Quebec

Subject/Sujet: Weather Emergencies

Weather Synopsis

Eastern Ontario : The disturbance responsible for up to 15 cm of new snow is slowly moving out and light snow will end this morning. A ridge of high pressure currently over Lake Superior will bring sunny periods starting this afternoon. Temperatures will be near normal for the next few days. High near minus 9 today, winds north-east to 25 km/hr today and Saturday. Saturday will be sunny with cloudy periods, highs near minus 6.

Western Quebec: Snow will continue briefly near the American border but only light flurries will occur in other localities. Clearing will develop slowly later today . High today near minus 9, winds north-easterly 20-40 km/hr causing blowing snow this morning. Tonight, low near minus 18. Saturday, sunny with frequent cloudy periods, high near minus 8, winds north-easterly 15-30 km/hr.

General Overview

The restoration of electricity and telephone services continues, with priority of effort in rural areas of Eastern Ontario and the Monteregion region of Quebec. Many people remain in emergency shelters in both provinces.

Changes to Federal department and non-governmental organization activities since Sitrep 16 include the following:

Department of National Defence (DND) – No significant changes to report.

Health Canada (HC) – To date, Health Canada has provided over 24,000 beds, 75,000 blankets, about 85,000 stretchers and over 300 generators, as well as other supplies to Ontario, Quebec and the First Nations Reserve (Akwasasne).

Public Works and Government Services Canada – PWGSC has been active in locating and supplying generators to the affected provinces. An Emergency Acquisition Team has been formed in Ottawa, and PWGSC Regional Offices in Ontario and Quebec have taken on increased responsibility for managing and distributing national generator resources. The major activity in the last 24 hrs was co-ordinating the movement of 500 generators from the southern United States.

Transport Canada- TC assisted in the release of a shipment of Hydro poles held in Albany, NY because of transport permits. Assistance is being provided to Ontario Hydro and Hydro Quebec to obtain heavy lift helicopters. Dorval, Mirabel, Quebec, Toronto and Ottawa airports are operational with no abnormal delays reported. There is still no passenger train service between Montreal and Quebec City and between Ottawa and Montreal.

Canadian Food Inspection Agency (CFIA) - All dairy processing is now operational in Ontario, and the major Quebec producer in Granby is expected to come on line today.

Non-Government Organizations:

Red Cross- The Red Cross continues to operate 88 shelters in Quebec and 85 in Ontario. As well as providing beds, blankets, comfort kits and fund raising. R&I, feeding and lodging activities in the Maritimes have ceased, fundraising continues.

ONTARIO

Situation: Recovery operations continue. A total of 46,300 clients of Ontario Hydro and municipal utilities remain without power. An estimated 4700 Ontario Hydro customers will be returned to service today. The objective is to restore power to all locations by the end of next week.

The following is a summary of federal and non governmental activities since SITREP 16:

Health Canada - An additional 550 blankets, 50 beds and 6 generators were provided at the request of the province.

Agriculture and Agri-Food - Arrangements for a farm-to-farm survey in Ontario are in progress between AAFC and OMAFRA.

QUEBEC

Situation : Re-establishment of electricity is about 76% completed. Power was restored to about 70,000 clients yesterday. The number of clients without power is now about 304,000, 286,000 of which are in the Monteregie Region, 4300 in Ile de Montreal, 13,200 in the Laurentides and Outouais and 20 in Beauce-Amiante. Hydro Quebec foresees that about 50,000 more clients will be restored today. Some 275 emergency shelters are still in operation.

The following is a summary of federal and non governmental activities since SITREP 16:

Health Canada: No new requests were received from Quebec during this period.

Fisheries and Oceans/ Coast Guard: Consultations are in progress with Quebec Hydro concerning use of CCG ships to provide power in Boucherville.

Source/Provenance:

EPC Regional Directors Ontario and Quebec

EM Ontario

Securite civile Quebec

Federal departmental Sitreps

A complete translation to French is available on request.

Une traduction complète de l'Anglais est disponible sur demande.



Situation Report Compte Rendu

Number/numéro: 20

Date/Time of Report: 17 January 1998, 2300 hours EST
Date/heure fait le:

Location/Situé à: Ontario & Quebec

Subject/Sujet: Weather Emergencies

Weather Synopsis

Eastern Ontario: Cloudy skies over the weekend as well as the first part of next week. Some light snow expected tonight and through Tuesday. Winds will increase from the northeast to 20 to 30 km/h on Tuesday. Temperature will remain near seasonal values but will fall a few degrees on Wednesday.

Southern Ontario: Some off lake cloud and flurries will move into Ontario from the west. A lot of cloud, a few flurries, some patchy light snow, the chance of freezing drizzle and little change in temperature will prevail for several days.

Montreal and South Shore: Following generally sunny skies a disturbance over the Great Lakes will slowly approach the region. Clouds will gradually invade the area Sunday with some light snow developing Monday and continuing Tuesday, no significant accumulation expected. This will be followed by mostly sunny skies for the rest of the week as well colder temperatures (lows: -17 to -20, highs: -9 to -13). Winds light.

General Overview

The restoration of electricity and telephone services continues, with priority of effort in rural areas of Eastern Ontario and the Monteregie region of Quebec. Both provinces still have many people in emergency shelters. In most cases, at least in Ontario, the number of persons eating and 'warming up' in the shelters is significantly greater than the relatively small numbers sleeping there. Most individuals and families prefer to sleep in their un-electrified homes for various reasons.

Changes to Federal department and "non-governmental organization" activities since SITREP 19 include the following:

Department of National Defence (DND) Over 15,000 troops remain deployed in Ontario and Quebec.

RCMP The RCMP continues to maintain 520 officers (100 from Ottawa) in the Monteregie area to assist provincial and municipal police as well as the military. They are assigned to the systematic search of all dwellings currently without power and to patrols to ensure the protection of life and property.

IC(Telecomm) TELEPHONE LINES:

The telephone line restoration program is making great strides on all fronts. Bell Canada expects to restore service to the majority of affected regions by 11 February.

Non-Government Organizations:

St. John Ambulance Saint-Jean

St. John Ambulance are beginning to scale back their operations in both Ontario and Quebec. A continuing requirement will be the assistance needed in transporting the elderly and disabled back to their residences from reception centres.

Provinces

ALBERTA

Special mention to Alberta for rapidly and efficiently responding to the urgent request for generators. 52 medium to large generators and other electrical equipment were quickly and efficiently concentrated in Edmonton and then airlifted by DND or moved by rail to Montreal. They will be of great assistance, particularly to the farmers and their livestock south of Montreal.

ONTARIO

Situation: Recovery operations continue. Less than 40,000 clients of Ontario Hydro and municipal utilities remain without power. Ontario Hydro expected to have 75% of affected customers returned to service today. Objective is to restore power to all locations by the end of next week.

Department of National Defence (DND): 4700 troops (2900 regular and 1800 reservists) are deployed in support of operations in Ontario. A special force of 400 reservists was created for the weekend, to provide a temporary increase of forces and to provide relief for the soldiers who have been employed continuously.

QUEBEC

Situation: Recovery operations continue. There are still 254,000 clients without power. Hydro Québec hopes to have power restored to all locations by 25 January.

Department of National Defence (DND): Militia requirements in and around the Montreal area will be reduced by 30% in the next 48 hours, from 1900 to 1300, to allow reserve soldiers to return to their work and studies.

**A complete translation to French is available on request.
Une traduction complète de l'Anglais est disponible sur demande.**

MVC



Situation Report Compte Rendu

Number/numéro: 22

Date/Time of Report: 18 January 1998, 2300 hours EST

Date/heure fait le:

Location/Situé à: Ontario & Quebec

Subject/Sujet: Weather Emergencies

Weather Synopsis

Eastern Ontario: Light snow tapering off on Tuesday; low -10, high -4.

Western Quebec: For Monday and Tuesday, cloudy skies and light flurries; low -11, high -4.

General Overview

There remain over 265,000 clients without power in Quebec and about 30,000 in Ontario.

The generator requirements are closer to being in hand in both provinces, taking into account those that have been delivered, those en route and the contracts which are still being processed as rapidly as possible to meet the remaining needs.

Changes to Federal department and "non-governmental organization" activities since SITREP 21 include the following:

Health Canada: In response to requests from Ontario and Quebec the following materiel has been supplied thus far:

	Ontario	Quebec	Akwesasne
Cots	10,831	13,195	450
Blankets	20,310	52,400	800
Stretchers (used as cots)	4,420	80,518	150
Generators 3 kw	35	125	
Generators 10 kw	27	113	

Industry Canada

TELEPHONE LINES:

In the area affected by the storm, the number of telephone lines out of service went from 100,000 on 6 January down to about 3,000 on 17 January. 80% of the telephone line failures were due to lack of hydro power at the telephone switches. Battery power operated most switches for about four hours and then had to be supplemented by generators. A time consuming effort was required to locate and transport sufficient generators to power the telephone switches in the affected areas.

At the same time, 5,000 telephone posts carrying 300 to 500 kilometres of cable were brought down by the ice storm; an additional 600 kilometres of service cable 'drops' to houses were downed or damaged; all of the above had to be replaced or repaired.

Bell Canada intends to have full recovery of the telephone networks for Monday, January 19, with exception of the area South of Montréal, which it plans to have restored by 11 February.

Department of National Defence (DND) Over 15,000 troops (including approximately 3,700 reservists) remain deployed in Ontario and Quebec. DND intends to reduce its overall numbers to about 14,000 by end of day 19 January. This is being done to permit a number of reservists to return to their studies or work.

PROVINCES

ONTARIO

Situation: Recovery operations continue. Less than 30,000 clients of Ontario Hydro and municipal utilities remain without power. About 75% of affected customers were to have been reconnected as of yesterday. Objective is to restore power to most locations by 25 January.

Department of National Defence (DND): 4700 troops, 2900 regular and 1800 reservists, are deployed in support of operations in Ontario.

QUEBEC

Situation: Recovery operations continue. There are approximately 265,000 clients who still do not have power; this represents more than 660,000 individuals without electricity. Hydro Québec hopes to have power restored to all locations by 25 January. A few communities may have to wait as long as 25 February for the restoration of power.

Casualties: Of the 22 deaths attributed to the storm and its after effects thus far, six were from carbon monoxide poisoning, three persons froze, six more were killed by falling ice, and one was electrocuted by an improperly installed generator. 945 have suffered lesser injuries.

Shelters: At the high point, there were 230 shelters open to the public.

Department of National Defence (DND): Militia requirements in and around the Montreal area are being reduced by 30%, from 1900 to 1300, to allow some reservists to return to their work and studies.

Securite civile du Quebec: Over the period of the crisis, Quebec's EMO has been provided with almost 300 generators for Hydro Quebec and the agricultural community. The generators were rushed by air, rail and road from all over Canada and the USA.

As of 19 January, this report will be produced only once per day, to be issued at 1500 hours EST.

**A complete translation to French is available on request.
Une traduction complète de l'Anglais est disponible sur demande.**



Situation Report Compte Rendu

Number/numéro: 25

Date/Time of Report: 21 January 1998, 1900 hours EST
Date/heure fait le:

Location/Situé à: Ontario & Quebec

Subject/Sujet: Weather Emergencies

Weather Synopsis

Eastern Ontario: Thursday mainly sunny; Friday periods of snow, 5-10cms. Cold both nights; low -16, high -4. Thursday NW winds to 25 km/h. Windchill threat at night.

Western Quebec: Thursday sunny; Friday 5-10 cms of snow. Cold both nights. Low -18, high -5. NW winds 10-20 km/h Thursday. Winds from the east Friday 20-40 km/h. Windchill danger.

General Overview

There remain 161,000 subscribers in Quebec without power and 18,000 in Ontario. Meticulous and steady progress is being made by both provincial Hydro organizations, however, occasional shutdowns and blackouts, as occurred for several hours yesterday in Montreal, should be expected, as the rebuilding process of the electrical grid system continues.

Generators The generator situation continues to improve but is far from resolved. The Ontario requirements have now been met and all generators en route are being directed to Quebec. Quebec is requesting additional generators.

Changes to Federal department and non-governmental organization activities since SITREP 24 include the following:

RCMP: The RCMP has reduced personnel from 520 to 128 in the Monteregie.

Department of National Defence: Just under 13,000 troops remain deployed in Ontario and Quebec.

Inter-Departmental Co-ordination. The National Support Centre Co-ordination and Operations Group has been stood down. The Generator working Group and the Storm Recovery Working Group continue to operate out of EPC. The centre in Ontario where all federal equipment (except DND material) will be returned to has been established; Boyd Moving, 767 Belfast Road, Ottawa. All equipment is to be returned before 31 March 1998.

PROVINCES

ONTARIO

Situation: Recovery operations continue. Less than 18,000 subscribers of Ontario Hydro and municipal utilities remain without power (down from 30,000 yesterday). Ontario Hydro expects to have restored power to most of its subscribers by 23 January, except for about 6000 in the Maxville and Wolfe Island areas.

There remain 50 municipalities in eastern Ontario with declared emergencies.

Almost 8,000 telephone subscribers remain without service in Ontario. 37,000 lines have been repaired to date but 28,000 'drops' to houses still need to be replaced or repaired. The following communities still need restoration: Metcalfe, Hawksbury, Vankleet Hill, Smith Falls and Moose Creek.

QUEBEC

Situation: Recovery operations continue. There remain 161,000 subscribers without power in Quebec (down from 190,000 yesterday). The vast majority of these subscribers are from the area south of Montreal. Hydro Québec still expects to have power restored to most locations by 25 January; however, a few communities along the US border may have to wait as long as 15 February for the restoration of power.

There remain 16,500 telephone subscribers in Quebec without service. Of that number 14,000 are located in the 'ice triangle' south of Montreal.

Quebec still has 158 shelters open, serving over 11,000 persons. At the high point in the crisis there were 362 shelters.

NEW BRUNSWICK

NB EMO has been in operation since the ice storm struck the southern part of the province. The cleanup is continuing and the Disaster Assistance Office will now open to offer help to the municipalities affected.

This report is produced once per day and published at 1900 hours EST.

**A complete translation to French is available on request.
Une traduction complète de l'Anglais est disponible sur demande.**



Situation Report Compte Rendu

Number/numéro: 30

Date/Time of Report: 28 January 1998, 1100 hours EST

Date/heure fait le:

Location/Situé à: Ontario & Quebec

Subject/Sujet: Weather Emergencies

Weather Synopsis

Ottawa/Eastern Ontario/Western Quebec: Today, Cloudy with sunny breaks and isolated flurries, High near -6. Tonight, cloudy with clear breaks and isolated flurries. Low near -12. Thursday: Cloudy with morning sunny breaks and scattered afternoon flurries.

South Central Quebec: Today cloudy with clear periods and 30% probability of flurries, clearing this evening. High -3 to -5. Winds north-easterly 10 to 20 km/h. Tonight, cloudy periods. Low near -9. Thursday, increasing cloudiness by midday. High near -5.

General Overview

There remain 60,000 subscribers in Quebec without power. Ontario Hydro is estimating they have connected almost all of the full-time residents.

Return of Equipment: An 'Ice Storm 98 Federal Recovery Work Group' (with three members from PWGSC and one from Transport Canada) has been established at EPC to handle the recovery of equipment, arrange for its return and process invoices. Its Canada/US number is 1-888-295-8091.

Changes to Federal department and non-governmental organization activities received since SITREP 29 include the following:

Red Cross

As of the night of 26 January 1998, in Ontario, about 100 persons slept in shelters. However, more people came in during the day for meals. In Quebec the organization supported all the 132 shelters in operation and were running 47 of their own. Nearly 8,000 people were using shelters in the province. The Red Cross supported 7 shelters in Eastern Ontario. These numbers continue to drop as the power gets restored. The organization has closed their financial assistance service and are now referring people to their municipality. The bulk of the effort now is support to people that are re-entering damaged homes. The National Office will no longer send out daily activity reports.

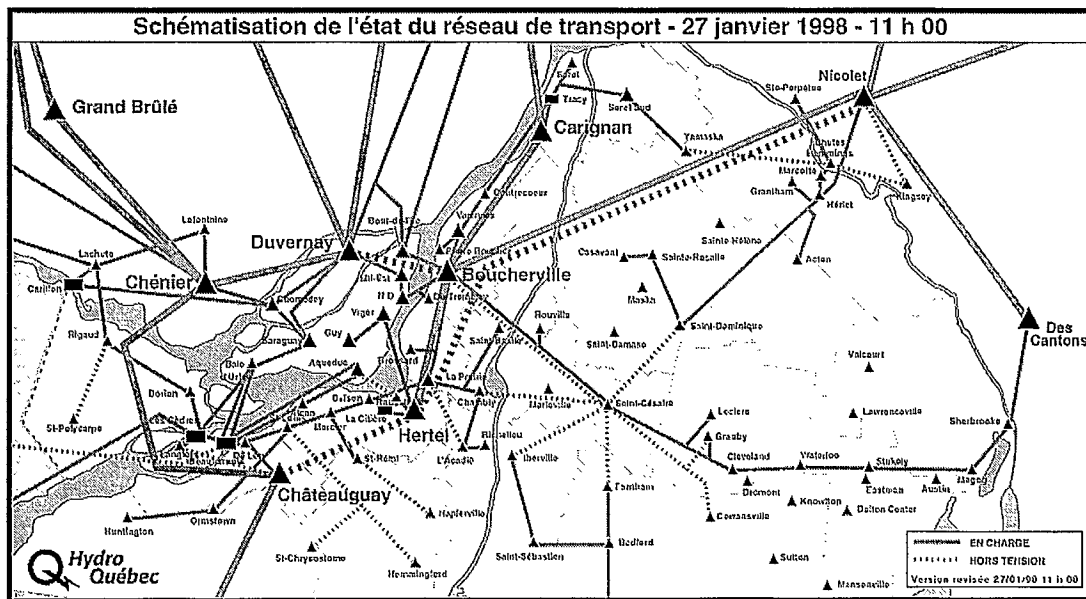
PROVINCES

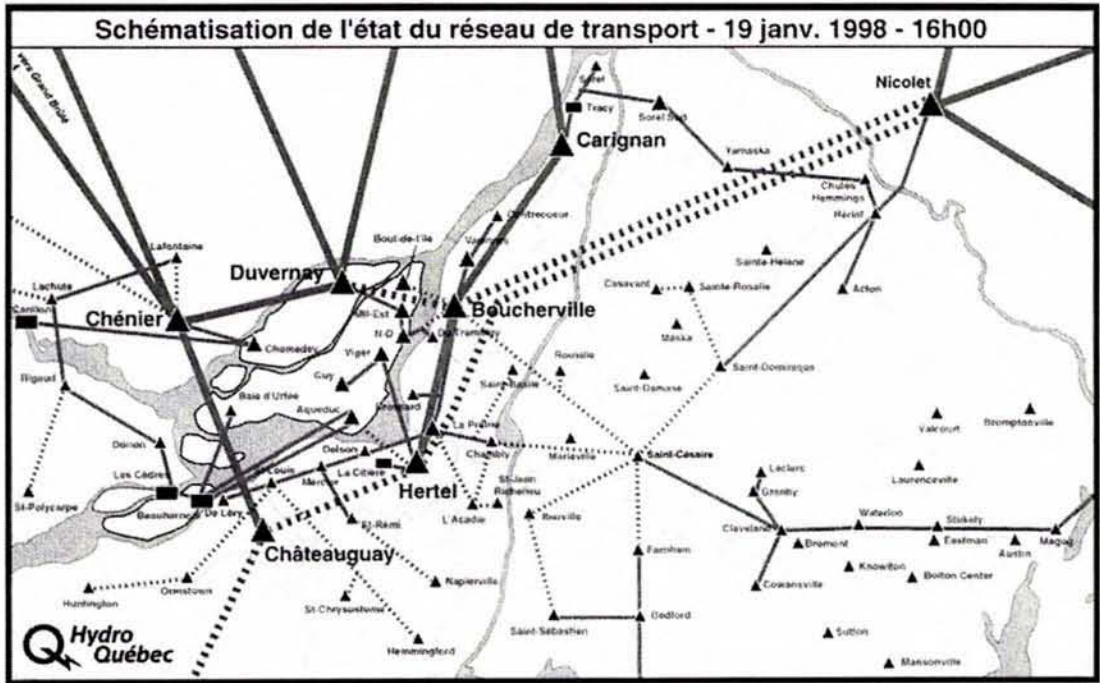
ONTARIO

Situation: There are 407 customers without power today. This number reflects 12 year round customers and 395 seasonal customers. 24 Emergency declaration remain in effect in Eastern Ontario. To date, over 84 482 insulators and 2 804 km of wire and cable have been delivered to the restoration area. The pole shipment number was at 11 447 and the number of transformers shipped has reached 2 151 as of the end of yesterday .

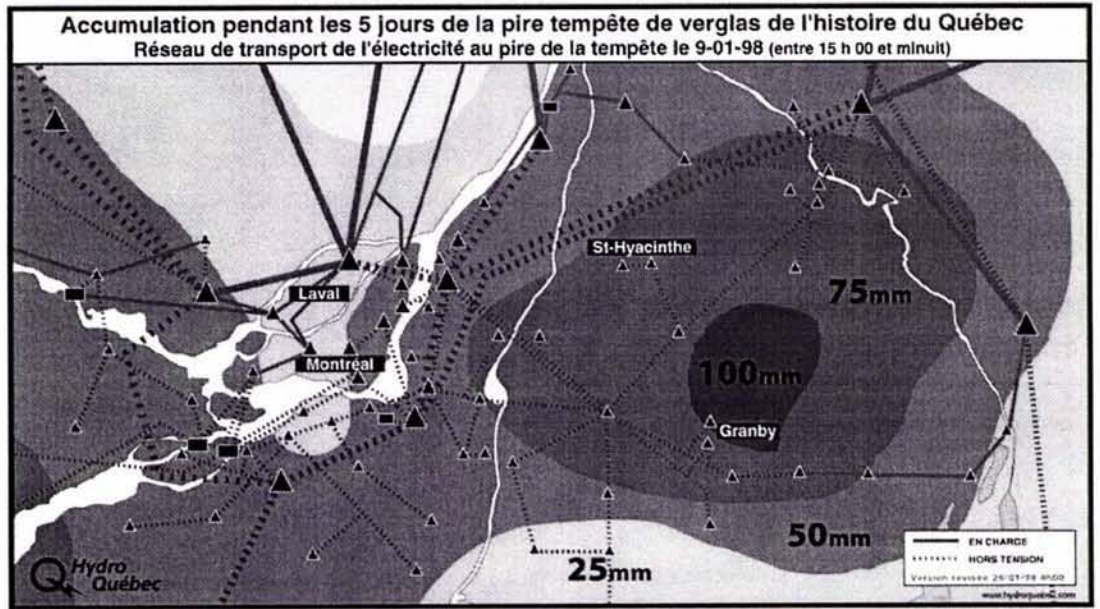
QUEBEC

Situation: There are approximately 60,000 subscribers (62,973 as of yesterday) in Quebec who are still without power; this represents over 157,432 individuals without electricity. Some of these people have not had power for over 3 weeks. There is concern that some areas around Noyan and Henryville may not get power until the 15th of February. The two maps below indicate the progress that has been made since 19 Jan 98.





Finally, the next map shows the extent of the damage to the hydro-electric infrastructure in the province from the beginning of the storm.



Further reports will be issued as required.
 A complete translation to French is available on request.
 Une traduction complète de l'Anglais est disponible sur demande.

ICE STORM 1998
SUMMARY OF LESSONS LEARNED
EMERGENCY PREPAREDNESS CANADA

1. Procedure for mobilisation of federal support.

SOPs for the activation of the National Support Centre and the implementation of the National Support Planning Framework were neither sufficiently understood nor followed to the extent desirable

2. Physical arrangements for working groups in GEOCC.

The GEOCC conference room should be permanently fitted out to allow use as a Co-ordination & Operations Group, i.e. with telephones and computers pre-installed. In the interests of space and efficiency, COG Working Groups should not be established in the same location as the COG itself.

3. Information exchange.

SOPs pertaining to the information flow into the National Support Centre; within the NSC; and from the NSC require revision based on the ice storm experience.

4. Training of personnel.

In view of the turn-over of personnel in all elements of the NSC and of the relative inexperience of many of them, there is a requirement for a continuing training and familiarisation program.

5. Logistics & Movements Management.

There is a requirement for a Logistics & Movements Management cell within the NSC.

6. Long-Range Planning

There is a requirement for a long-range planning cell in the NSC.

7. Lessons learned follow-up.

It is necessary to establish a mechanism to follow-up on lessons learned from the ice-storm and other major disasters and to monitor corrective action.

