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Climatic Perspectives

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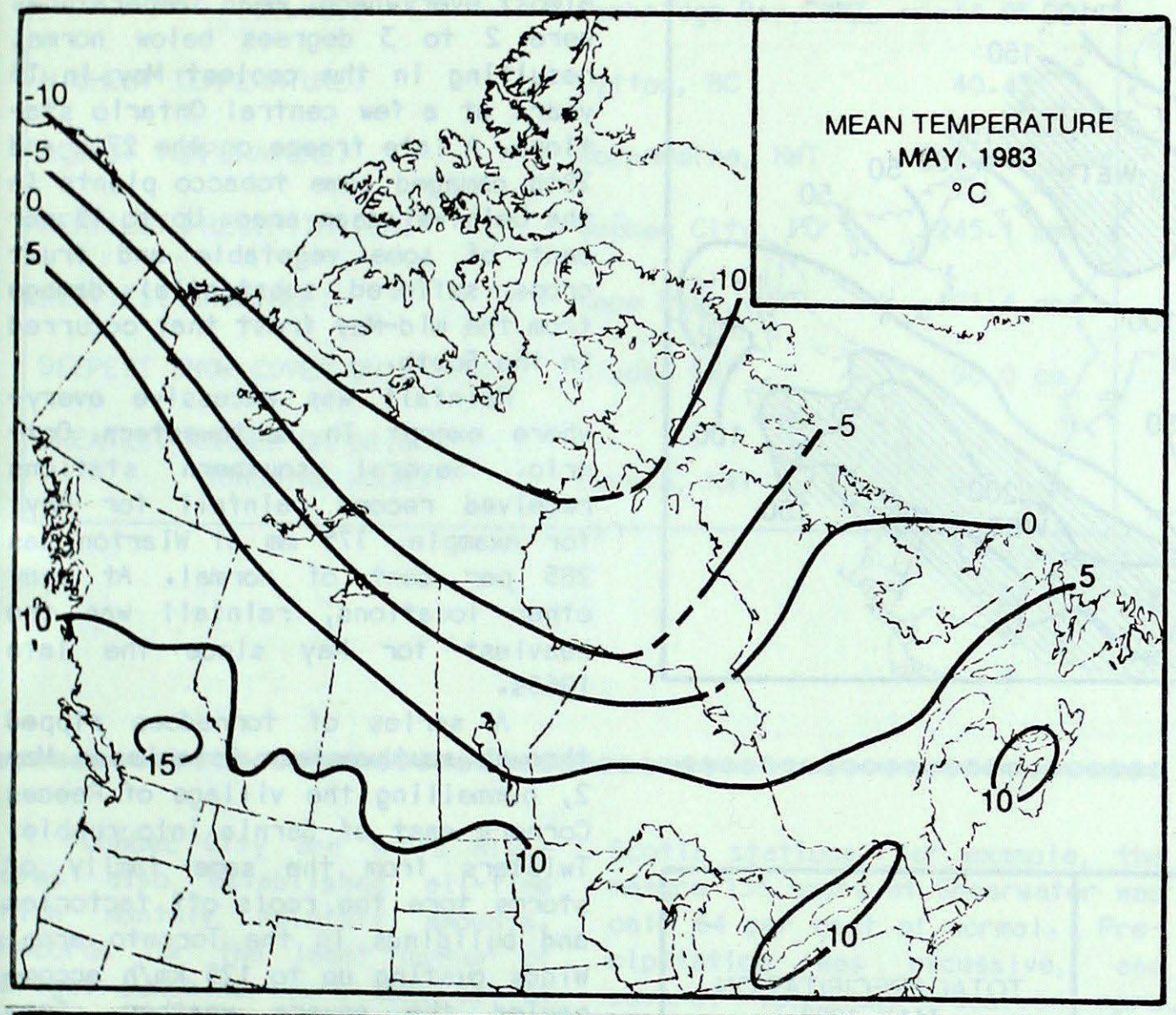
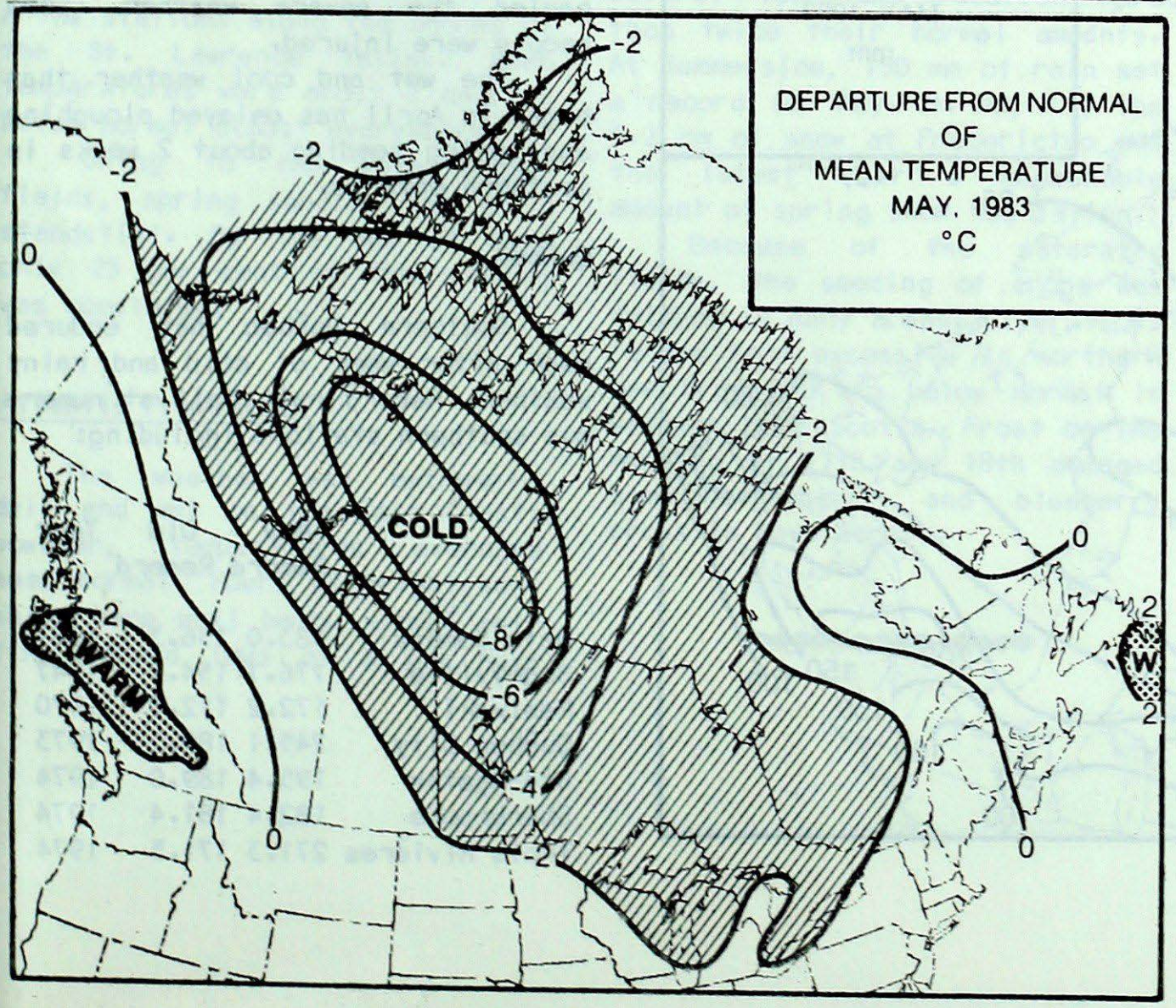




ACROSS THE COUNTRY

Yukon and the Northwest Territories

Oppressively hot weather west of the Mackenzie Mountains established numerous record high temperatures across the Yukon. A few all-time records were also set; for example 34° at Watson Lake. Apart from the above normal precipitation in extreme southern Baffin Island, the Arctic was generally dry. Eureka, NWT received 485 hours of bright sunshine - the most for any station in Canada this May.

British Columbia

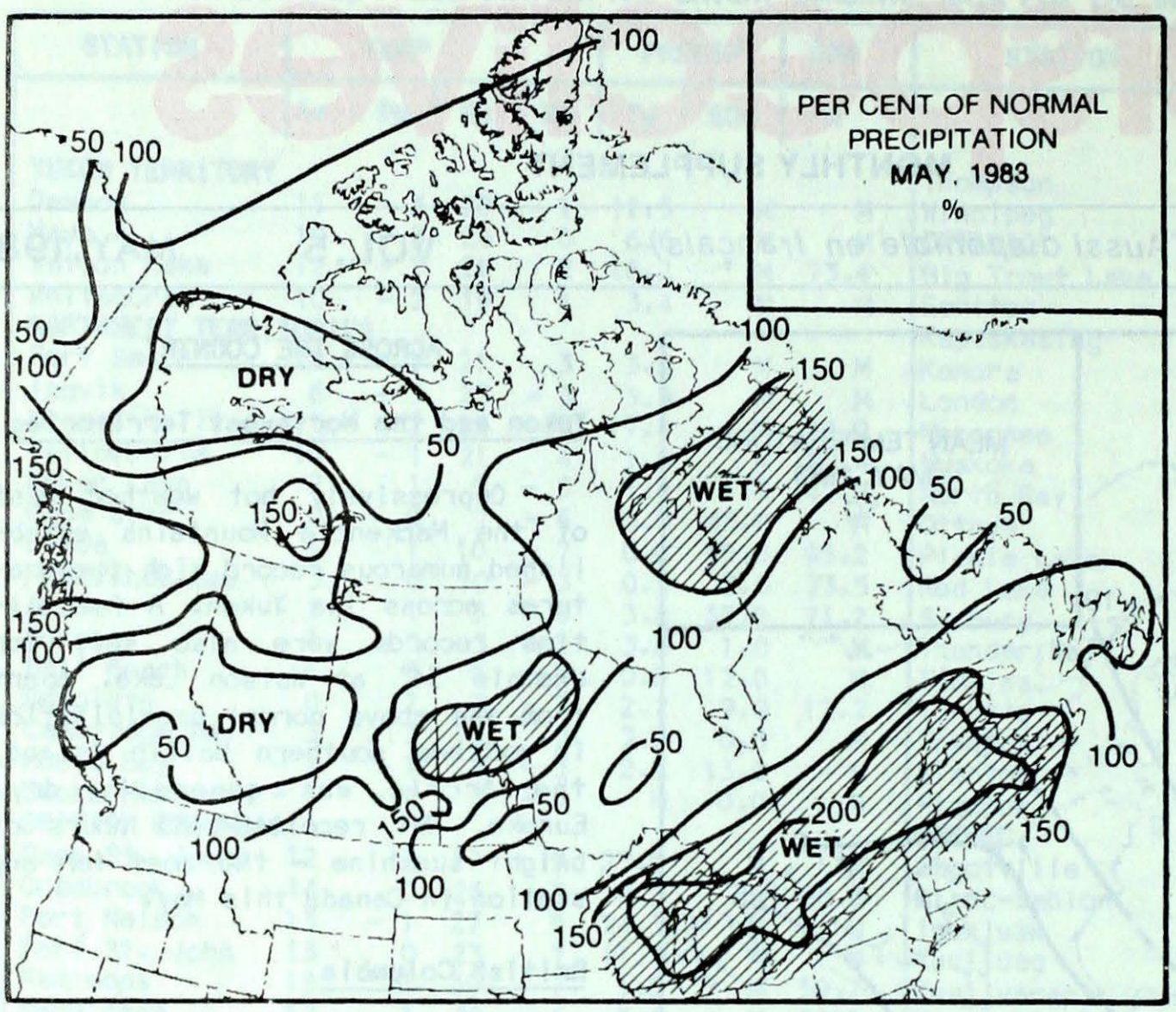
A changeable weather regime resulted in sunny and hot conditions by the end of the month. During the last week-end of May, a strong southerly flow allowed temperatures to rise into the mid to high thirties, breaking numerous temperature records. No less than seven all-time high temperatures were set at various locations. The dry hot weather allowed the fire index to reach extreme; by the end of the month many new forest fires, including large ones were burning in central and northern districts.

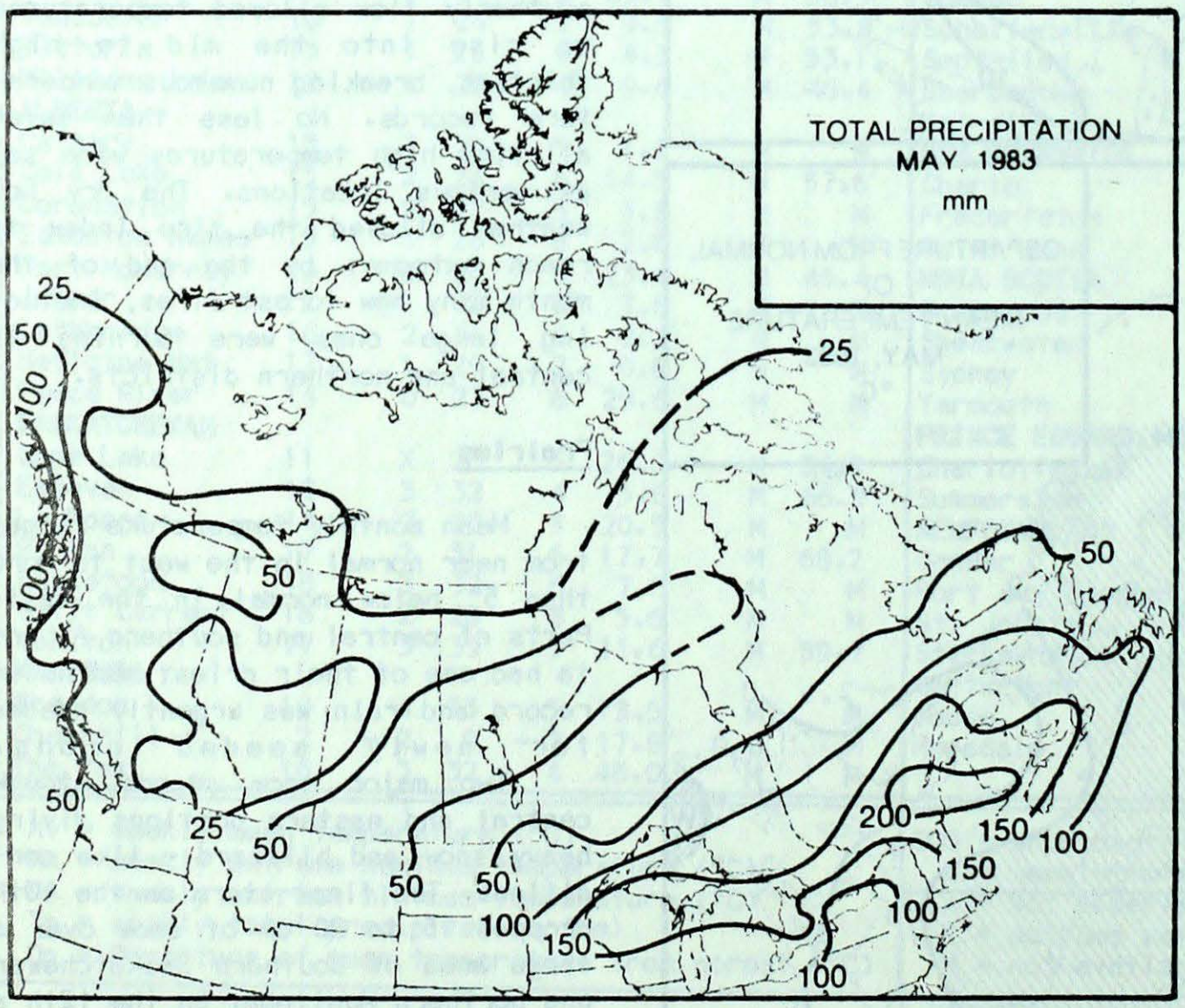
Prairies

Mean monthly temperature ranged from near normal in the west to more than 5° below normal in the east. Parts of central and southern Alberta had one of their driest months on record and rain was urgently needed for newly seeded crops.

Two major snow storms struck central and eastern portions giving heavy snow and blizzard - like conditions. The first storm on the 10th dropped 15 to 20 cm of snow over a large area of southern Saskatchewan and northern Manitoba. On the 12th a second storm produced additonal snowfalls of 25-35 cm in southeast-

Canada





ern Saskatchewan; West Poplar River near the US border recorded 52 cm.

Ontario

Ontario May weather was cool, wet and very dull. Bright sunshine was 40 to 50 hours below normal almost everywhere. Mean temperatures were 2 to 3 degrees below normal resulting in the coolest May in 15 years at a few central Ontario stations. A late freeze on the 27th and 28th damaged some tobacco plants in the Delhi-Windham area. Up to 15 per cent of some vegetable and fruit crops suffered substantial damage from the mid-May frost that occurred in the South.

Rainfall was excessive everywhere except in northwestern Ontario. Several southern stations received record rainfall for May; for example, 175 mm at Wiarton was 285 per cent of normal. At many other locations, rainfall was the heaviest for May since the late 1960s.

A series of tornadoes ripped through southwestern Ontario on May 2, pummelling the village of Reeces Corners east of Sarnia into rubble. Twisters from the same family of storms tore the roofs off factories and buildings in the Toronto area. Winds gusting up to 125 km/h accompanied the severe weather. Some people were injured.

The wet and cool weather that began in April has delayed ploughing and spring seeding about 2 weeks in southern Ontario.

Québec

Southern Québec has endured week after week of cold and rainy weather. Record rain fell at numerous southern stations including:

	New Record	Old Record	Year
Baie Comeau	183.0	156.3	1981
Bagotville	176.7	154.7	1947
Maniwaki	172.2	112.2	1970
Québec City	245.1	189.2	1973
Ste-Agathe	195.4	189.0	1974
Sherbrooke	182.4	181.4	1974
Trois Rivières	271.3	171.5	1974

CLIMATIC EXTREMES-MAY

MEAN TEMPERATURE:		
WARMEST	Lytton, BC	16.5°
COLDEST	Cambridge Bay, NWT	-14.9°
HIGHEST TEMPERATURE:	Lytton, BC	40.4°
LOWEST TEMPERATURE:	Coppermine, NWT	-30.2°
HEAVIEST PRECIPITATION:	Québec City, PQ	245.1 mm
HEAVIEST SNOWFALL:	Cape Dyer, NWT	101.4 cm
DEEPEST SNOW COVER ON MAY 31:	Clyde, NWT	90.0 cm
GREATEST NUMBER OF BRIGHT SUNSHINE HOURS:	Eureka, NWT	485 hrs

Québec City and Trois Rivières also established all-time high monthly rainfall amounts. Records for the least number of bright sunshine hours were set at a few stations along the shores of the St. Lawrence Valley. Mean temperatures were about 2 degrees below normal almost everywhere.

Owing to the water-logged fields, spring seeding was at a standstill. By the end of May, only 25 per cent of the seeding was completed.

Atlantic Provinces

The weather was extremely dull and wet on the East Coast; however, temperatures averaged near normal. Hours of bright sunshine were well below normal setting record lows at a few Nova Scotia stations; for example, the meagre 135 hours at Shearwater was only 64 per cent of normal. Precipitation was excessive, and several locations received more than twice their normal amounts. At Summerside, 150 mm of rain set a record for May. On May 17, the 5.2 cm of snow at Fredericton was the latest that a measurable amount of spring snow has fallen.

Because of the saturated fields, the seeding of crops was delayed in many areas. River flows ranged from excessive in northern New Brunswick to below normal in western Nova Scotia. Frost on the morning of 17th and 18th damaged some strawberry and blueberry crops in Nova Scotia.

CLIMATIC IMPACTS

Agriculture

Heavy rains left fields unworkable from the Great Lakes to the Maritimes. Field ploughing and spring seeding was 2 to 3 weeks behind schedule. Farmers were concerned: if seeding is not completed soon, growing season would be shortened considerably and crops will not mature. Although most of the seeding was completed on the Prairies, cool weather contributed to poor germination. In Ontario, half of the corn crop remained to be seeded, and farmers were considering switching to earlier hybrids or soybeans. In desperation some growers were trying to "mud-in" corn and asked the question: "What can we do?" A late freeze caused some damage to the early strawberry bloom in southern Ontario and Nova Scotia.

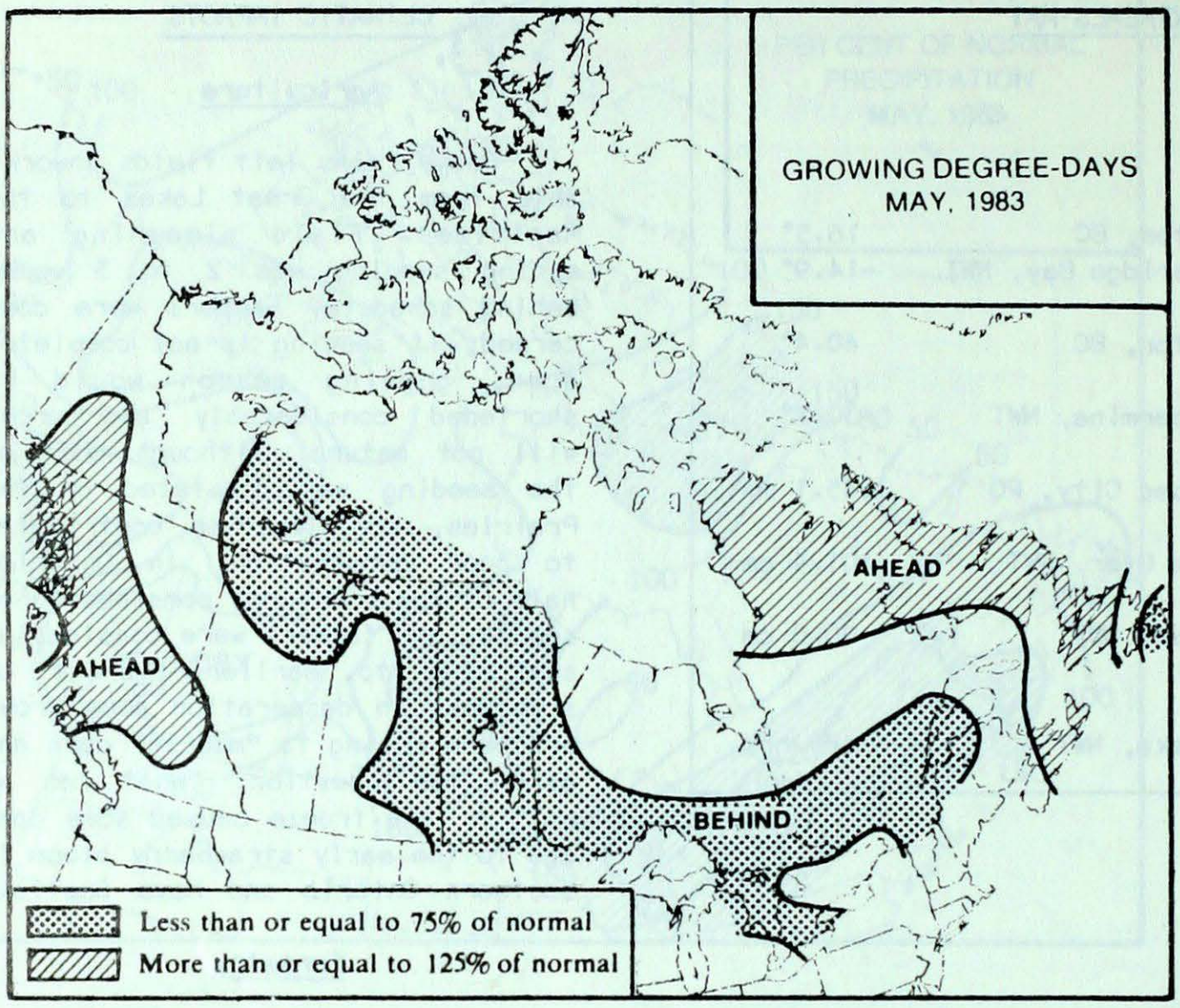
Forestry

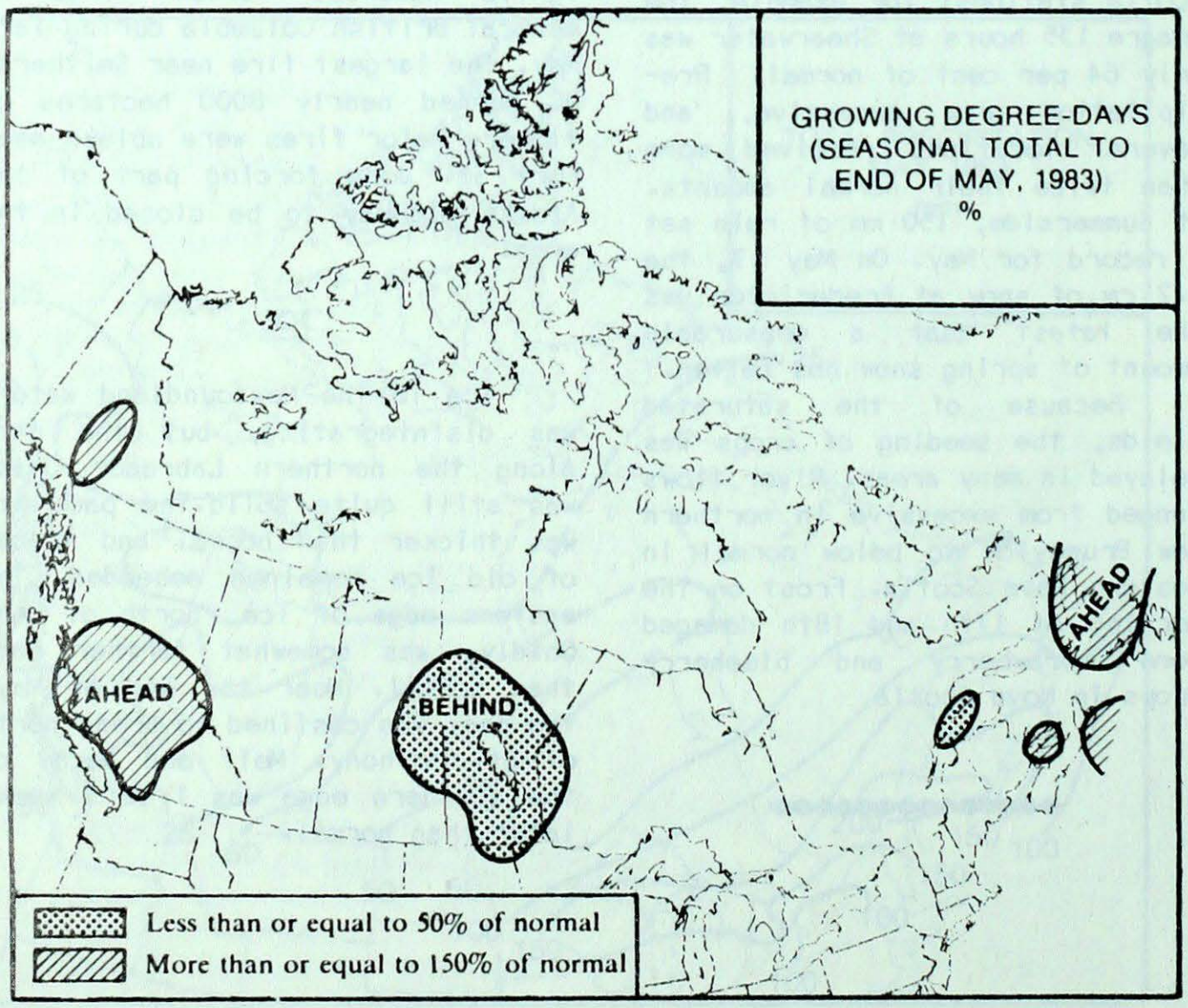
All-time record high temperatures west of the Rockies helped ignite numerous forest fires in central British Columbia during late May. The largest fire near Smithers, BC burned nearly 8000 hectares of timber. Major fires were ablaze near Fort St. John forcing part of the Alaska Highway to be closed in the area.

ICE

Ice in the Newfoundland waters was disintegrating, but the pack along the northern Labrador Coast was still quite solid.The pack ice was thicker than normal and traces of old ice remained embedded. The eastern edge of ice, north of Cape Chidly, was somewhat farther east than normal. Near the end of May, the pack was confined to areas north of St. Anthony. Melt and decay of the southern edge was 1 to 2 weeks later than normal.

GROWING DEGREE-DAYS

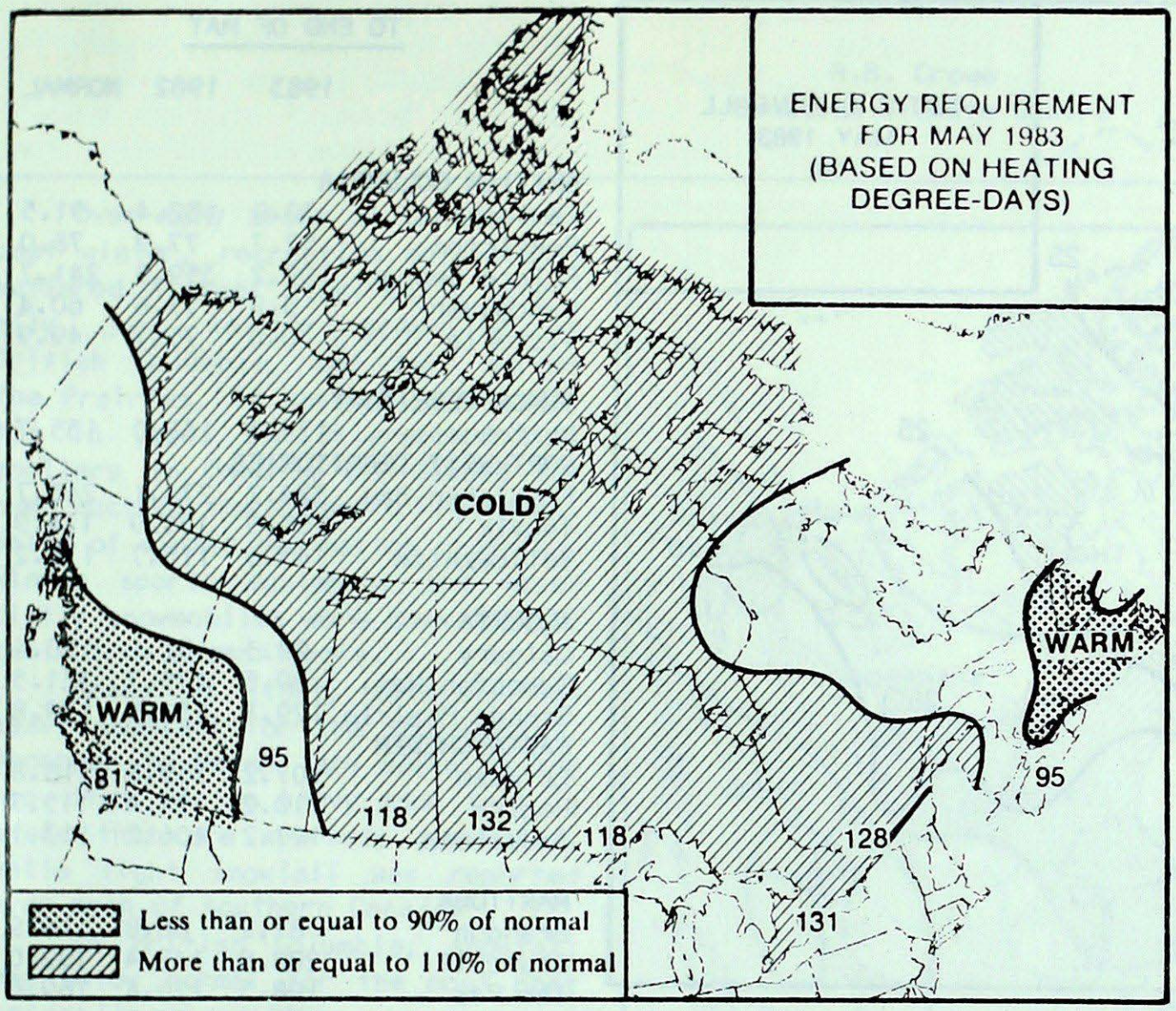


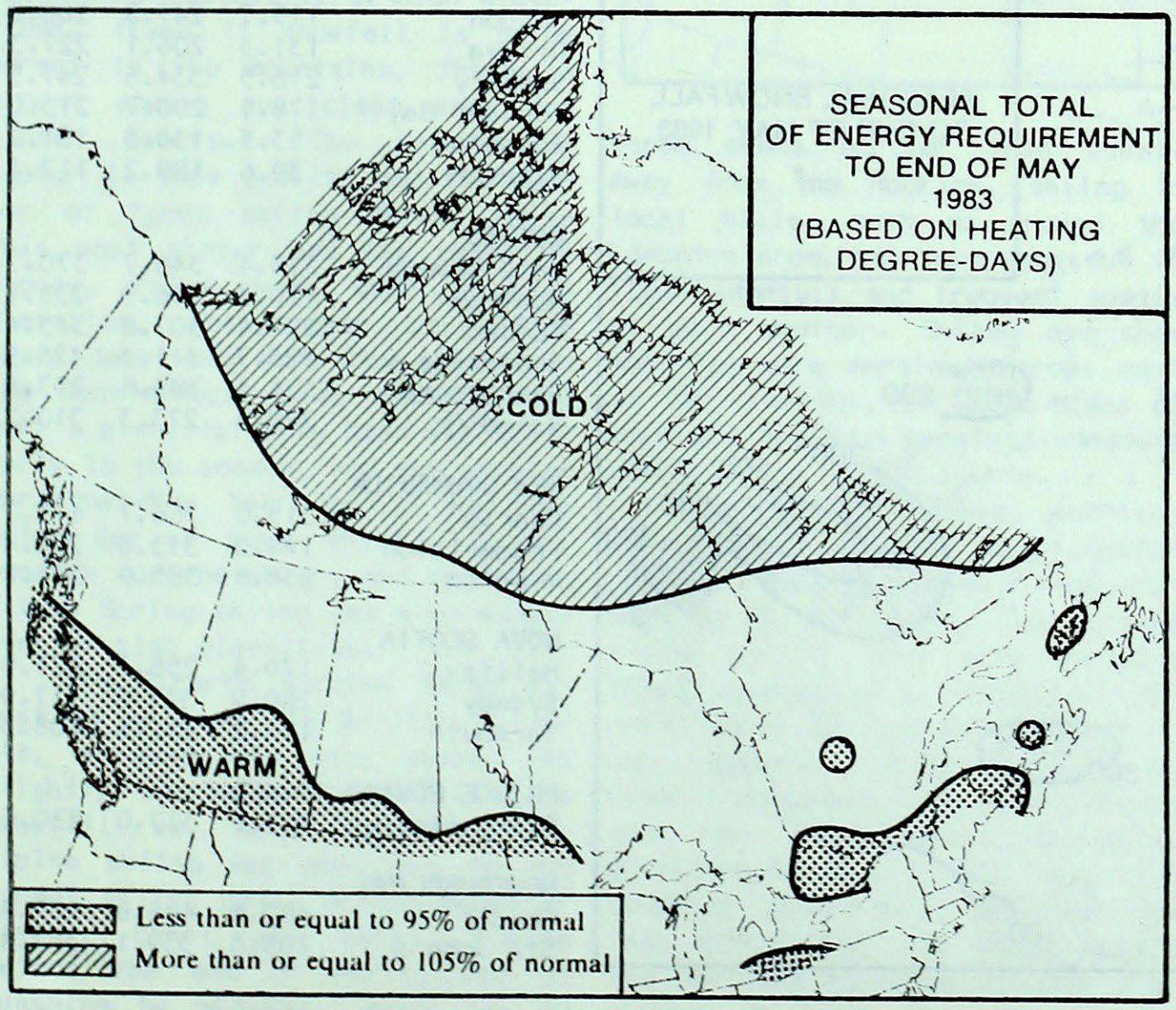


	TOTAL TO END OF MAY		
	1983	1982	NORMAL
BRITISH COLUMBIA			
Kamloops	490	363	425
Penticton	476	296	392
Prince George	251	135	152
Vancouver	555	318	389
Victoria	510	274	353
ALBERTA			
Calgary	205	157	154
Edmonton Mun.	269	184	174
Grande Prairie	221	142	167
Lethbridge	248	206	209
Peace River	182	141	151
SASKATCHEWAN			
Estevan	201	147	219
Prince Albert	120	125	162
Regina	107	214	197
Saskatoon	204	138	198
Swift Current	142	104	190
MANITOBA			
Brandon	92	246	186
Dauphin	74	154	171
Winnipeg	91	322	198
ONTARIO			
London	197	401	298
Muskoka	170	353	210
North Bay	102	308	188
Ottawa	207	387	274
Thunder Bay	77	183	120
Toronto	196	352	292
Trenton	209	343	285
Windsor	275	497	398
QUÉBEC			
Baie Comeau	37	61	67
Montréal	224	376	276
Québec	142	240	188
Sept-Iles	31	26	34
Sherbrooke	176	252	225
NEW BRUNSWICK			
Charlo	97	126	119
Fredericton	211	216	189
Moncton	217	93	142
NOVA SCOTIA			
Halifax	180	114	131
Sydney	141	82	64
Yarmouth	189	184	151
PRINCE EDWARD ISLAND			
Charlottetown	210	79	96
NEWFOUNDLAND			
Gander	156	25	49
St. John's	35	18	27
Stephenville	211	87	75

X = Season Ended

ENERGY REQUIREMENT

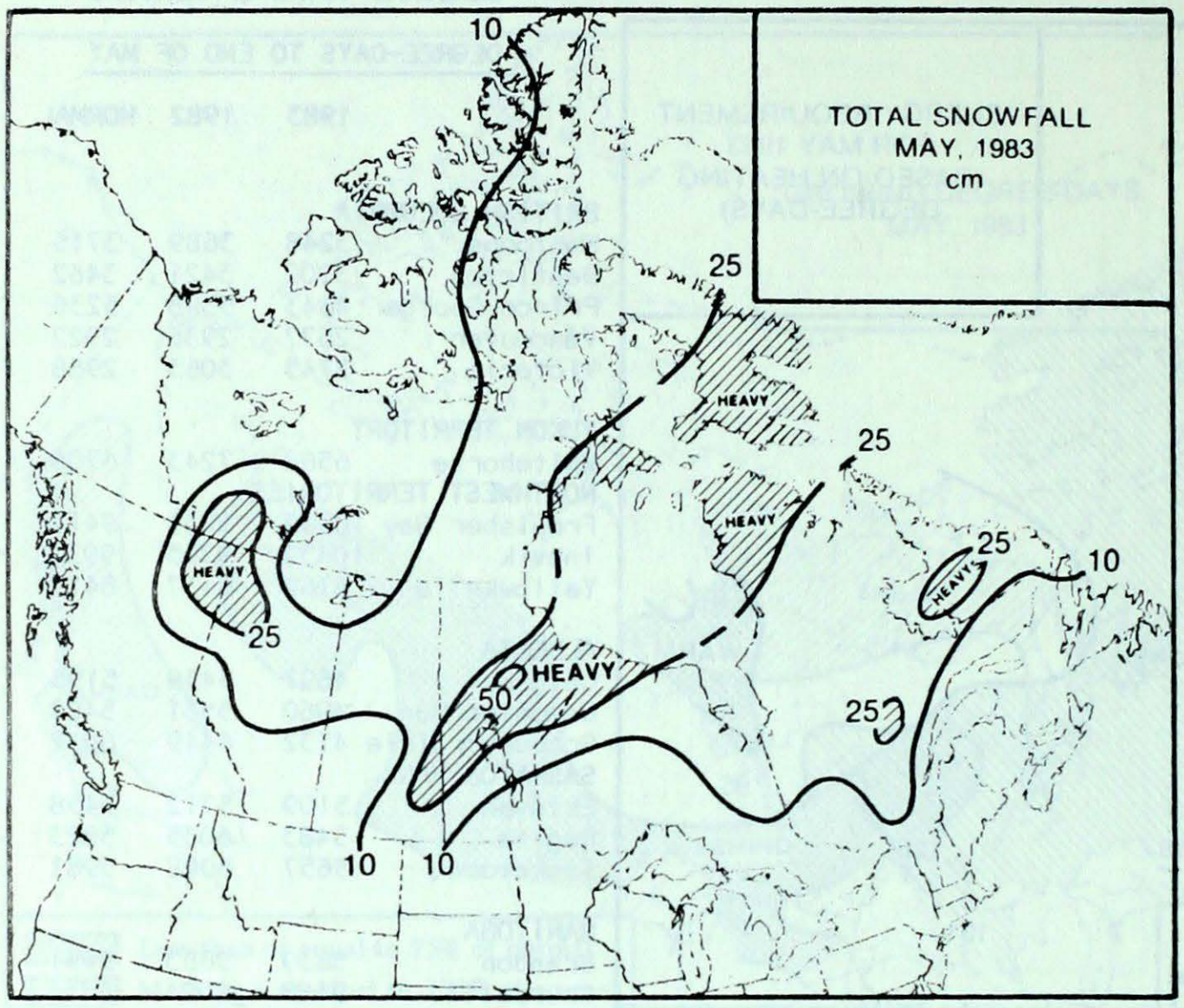


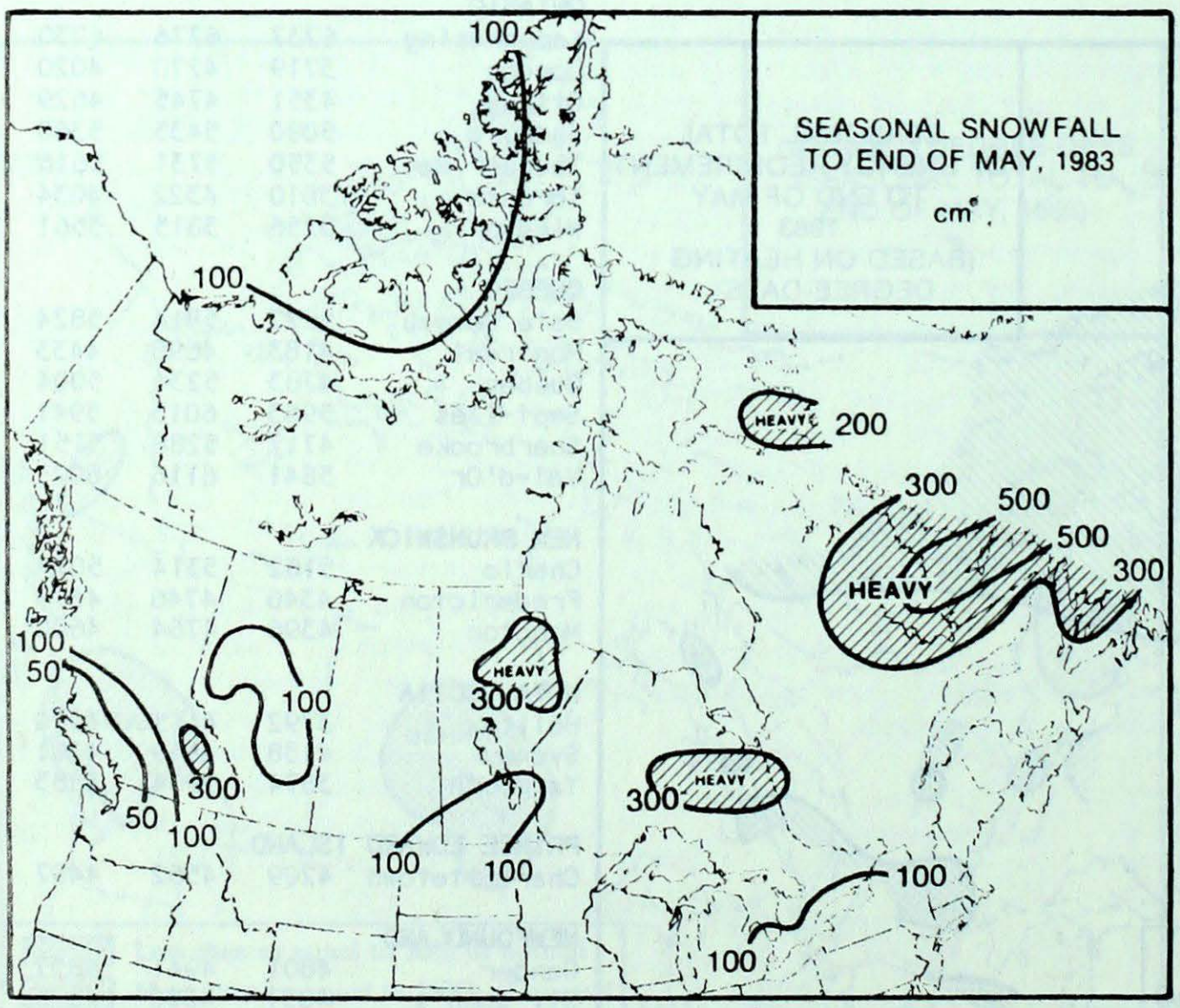


SEASONAL TOTAL OF HEATING DEGREE-DAYS TO END OF MAY

	1983	1982	NORMAL
BRITISH COLUMBIA			
Kamloops	3248	3689	3715
Penticton	3202	3421	3462
Prince George	4643	5398	5236
Vancouver	2677	2936	2922
Victoria	2745	3063	2968
YUKON TERRITORY			
Whitehorse	6588	7243	6708
NORTHWEST TERRITORIES			
Frobisher Bay	10397	9231	9411
Inuvik	10452	9755	9930
Yellowknife	8762	8437	8415
ALBERTA			
Calgary	4697	5459	5195
Edmonton Mun.	4960	5531	5480
Grande Prairie	4732	6449	6012
SASKATCHEWAN			
Estevan	5109	5712	5458
Regina	5483	6035	5823
Saskatoon	5657	6008	5981
MANITOBA			
Brandon	5639	5853	5951
Churchill	9188	8591	8854
The Pas	6645	6693	6722
Winnipeg	5409	5709	5813
ONTARIO			
Kapuskasing	6237	6276	6230
London	3719	4270	4020
Ottawa	4351	4745	4629
Sudbury	5080	5435	5360
Thunder Bay	5350	5731	5615
Toronto	3810	4322	4034
Windsor	3256	3815	3561
QUÉBEC			
Baie Comeau	5627	5814	5824
Montréal	4183	4698	4433
Québec	4783	5234	5004
Sept-Iles	5963	6013	5941
Sherbrooke	4717	5288	5151
Val-d'Or	5841	6116	6025
NEW BRUNSWICK			
Charlo	5162	5314	5074
Fredericton	4346	4746	4619
Moncton	4396	4764	4600
NOVA SCOTIA			
Halifax	3792	4115	3990
Sydney	4138	4519	4301
Yarmouth	3874	3904	3883
PRINCE EDWARD ISLAND			
Charlottetown	4209	4562	4497
NEWFOUNDLAND			
Gander	4801	4941	4837
St. John's	4037	4606	4575

SNOWFALL





SEASONAL SNOWFALL TOTALS (CM)

TO END OF MAY

	1983	1982	NORMAL
BRITISH COLUMBIA			
Kamloops	30.9	132.4	91.5
Penticton	52.7	77.9	76.0
Prince George	109.2	359.9	241.7
Vancouver	3.8	75.6	60.4
Victoria	0.0	75.7	49.9
YUKON TERRITORY			
Whitehorse	124.4	168.0	135.7
NORTHWEST TERRITORIES			
Frobisher Bay	324.2	274.1	245.7
Inuvik	155.5	151.9	174.9
Yellowknife	143.6	115.7	135.2
ALBERTA			
Calgary	98.3	151.1	150.6
Edmonton Nam.	89.5	175.7	131.5
Grande Prairie	129.1	231.6	179.8
SASKATCHEWAN			
Estevan	107.2	155.8	116.8
Regina	110.2	124.4	115.7
Saskatoon	127.2	106.2	113.1
MANITOBA			
Brandon	81.2	66.8	116.9
Churchill	288.8	142.4	192.0
The Pas	198.3	125.4	169.6
Winnipeg	77.4	77.6	125.5
ONTARIO			
Kapuskasing	431.9	339.2	319.3
London	119.7	247.3	208.8
Ottawa	131.3	206.1	227.3
Sudbury	216.5	334.6	247.5
Thunder Bay	178.5	200.7	213.0
Toronto	53.5	130.0	131.2
Windsor	39.6	189.2	117.4
QUÉBEC			
Baie Comeau	313.4	346.7	370.7
Montréal	120.4	216.9	235.1
Québec	251.4	307.8	343.4
Sept-Iles	326.7	411.3	426.9
Sherbrooke	231.4	385.6	293.6
Val-d'Or	220.4	273.3	310.2
NEW BRUNSWICK			
Charlo	315.0	366.7	415.7
Fredericton	179.2	313.8	290.4
Moncton	238.8	385.9	341.2
NOVA SCOTIA			
Halifax	170.4	256.7	271.0
Sydney	280.9	343.8	317.9
Yarmouth	121.2	252.8	208.3
PRINCE EDWARD ISLAND			
Charlottetown	257.5	317.0	330.6
NEWFOUNDLAND			
Gander	482.5	486.8	402.4
St. John's	185.5	339.1	357.4

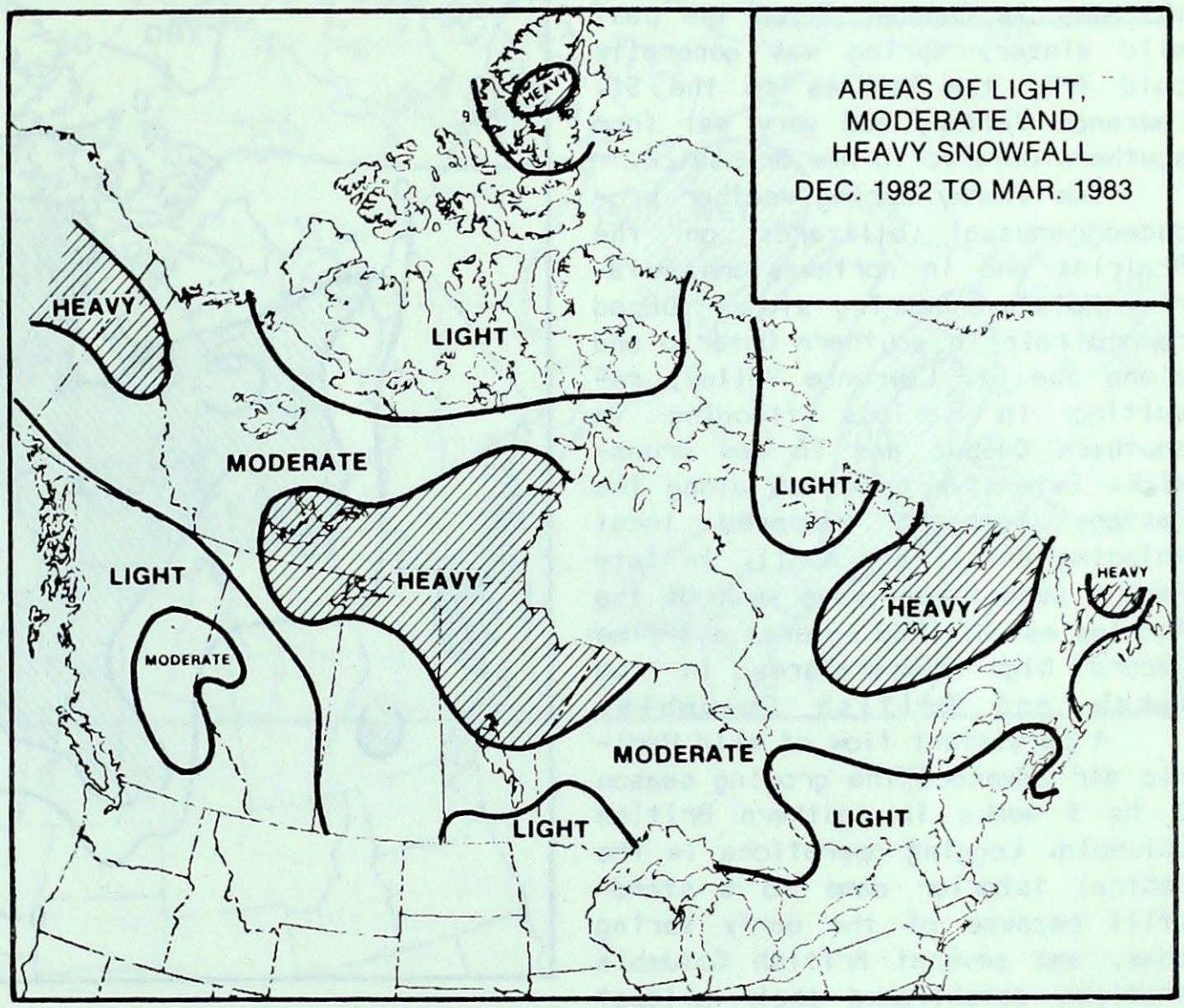
1982-83 WINTER RECREATION SUMMARY

by

R.B. Crowe
Canadian Climate Centre

Over many areas of Canada this past winter, recreation enthusiasts suffered a cruel blow. While generally good weather prevailed in British Columbia, and fair across the Prairies, it was the worst winter in years for skiers and snow mobilers in Ontario and Québec and over much of the Atlantic Provinces. Sales of winter recreation clothing, winter sports equipment and especially snowmobiles were down drastically from recent years.

Areas of light, moderate and heavy snowfall for the four-months, December to March, are shown on the map. Much of the heavy snow fell in areas that are sparsely populated, while light snowfall was reported over much of southern Canada.



AREAS OF LIGHT, MODERATE AND HEAVY SNOWFALL DEC. 1982 TO MAR. 1983

In British Columbia, snowfall was below normal for the most part and skiing conditions were poor at low elevations. The good news, however, was that the alpine skiing was excellent, especially at high elevations. (Even if snowfall is below normal in the mountains, there is almost always sufficient snow for winter sports.). The determining factor is snow quality and the number of "good skiing days". While this past winter had its share of cloudy, rainy days, even at high elevation, the number of bright sunny days were more than usual. In the mountainous areas near Vancouver, a plentiful snow base was built early in the season, and the popular Christmas-New Year period had day after day of sunny skies - A real bonanza for the skiers and operators alike. Spring skiing was also excellent at high elevations.

The Alberta Rockies fared almost as well as did British Columbia, although the snow season was slightly shorter than usual. While snowfall was well below normal, alpine skiing was good due to the "good" skiing days. Skiing ended at Jasper, Banff and Lake Louise before the end of April, and at Sunshine by mid-May, about two to three weeks earlier than usual. Away from the Rockies, skiing in local hills, such as around the Edmonton area, was very poor due to light snowfall and frequent spells of warm weather. Skiing and snow mobiling were marginal across most of the Prairies, but some areas of southern Manitoba received adequate snowfall for winter sports.

Ontario and Québec, particularly the northern and central regions, had the poorest snow conditions in many years. The mildest winter in 30 years with frequent thaws coupled with light and erratic snowfalls spelled disaster to many resorts. Gross revenue in Ontario alone was down about 40 per cent from the previous winter. A disasterous thaw wiped out the normally profitable Christmas-New Year market over all areas except the northern portions of both provinces. In fact, many resorts did not really see any significant snow until mid-January, and then the remainder of the season was shorter than usual and punctuated with rainy days and thaws. Most resorts remained in business only due to heavy snowmaking. Cross-country skiing and snowmobiling were even hit harder than the down-hill skiing. The hardest hit areas were the Collingwood-Muskoka areas of Ontario and the Gainneau, southern Laurention and Eastern Township areas of Québec. Major metropolitan areas such as Toronto, Ottawa and Montréal had almost a snow-free winter. As a result, even when snow conditions were adequate at the resorts, the perception of snow conditions from the many skiers in the major market areas was coloured by the local lack of snow. One bright side, however: In spite of the

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SPRING OF 1983

by

A. Shabbar
Canadian Climate Centre

The Spring of 1983 was one of extremes in Canada. After the past mild winter, spring was generally cold from the Rockies to the St. Lawrence Valley, and very wet from southern Ontario to New Brunswick.

The stormy spring weather produced unusual blizzards on the Prairies and in northwestern Ontario. Moisture-bearing storms dumped record rain in southern Ontario and along the St. Lawrence Valley, resulting in serious flooding in southern Québec and in New Brunswick. Extensive pack ice along the Eastern Seaboard hampered local shipping until late April. In late May, a sudden heat wave west of the Rockies established several all-time record high temperatures in the Yukon and British Columbia.

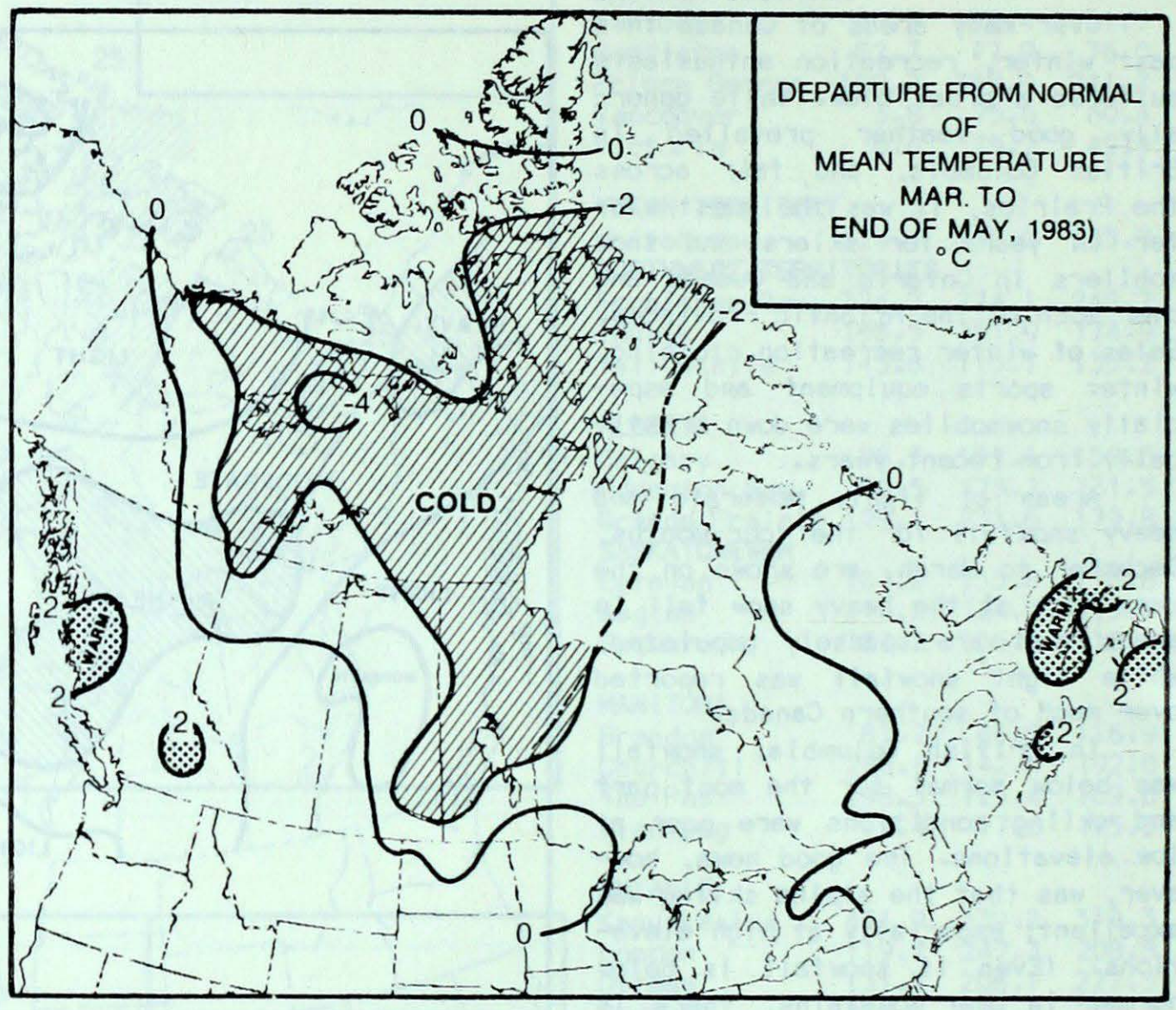
A persistent flow of mild Pacific air advanced the growing season 2 to 3 weeks in southern British Columbia. Logging operations in the Central Interior came to a standstill because of the early spring thaw, and several British Columbia stations established their mildest March ever. Mild weather even pushed into the Yukon and brought trees to leaf 3 weeks earlier than normal. Most of the Yukon lakes were free of ice in early May. In March, nearly 100 mm of rain per week on the West Coast triggered numerous mud slides and caused extensive property damage. An usual snowfall in April produced the first measurable snowfall of the season in Vancouver. In late May, record setting hot weather helped ignite numerous forest fires in the Central Interior.

Weather on the Prairies was more winter-like. An early March storm dumped heavy snow and copious amounts of freezing rain in southern Manitoba; several television and transmitter towers collapsed because of the ice-loading. Another spring storm deposited 15 to 20 cm of snow in southwestern Alberta, disrupting traffic and causing numerous power outages. Yet another major storm produced blizzard-like weather in southern Saskatchewan and northern Manitoba in mid-May. Heavy snowfalls of 20-35 cm accompanying 95 km/h winds reduced visibilities in blowing snow. Nearly 50 cm fell in some south Saskatchewan locations. Snow-drifts up to one metre deep closed many highways, including the Trans-Canada Highway near Swift Current, Sask. Many new-born claves died from the cold south of Regina. It was the worst May snow storm in the Regina area in more than 70 years.

Cool temperatures generally delayed crop growth across the Prairies. A late freeze north of Edmonton caused some damage to the sugar beet plants.

A major snow storm ushered in Ontario's Spring, creating the greatest snow cover of the season at many locations. Snowfalls ranged from 15 to 25 cm, but were nearly 50 cm at some stations. Ski resort operators welcomed the much-needed snow, which arrived just in time for the March school break. Another blizzard struck northwestern Ontario in mid-April. At Thunder Bay, 37 cm of snow created the usual winter-time public disruptions. Afterwards, the temperature dropped to a bone-chilling -30° at Gereldton. Record low temperatures were set at many northern locations.

On May 2, at least 8 tornadoes ransacked southern Ontario causing multi-million dollar property damage and leaving many residents homeless in Lambton County. Reeces Corners just east of Sarnia suffered the most as winds up to 125 km/h and moderate size hail nearly demolished the

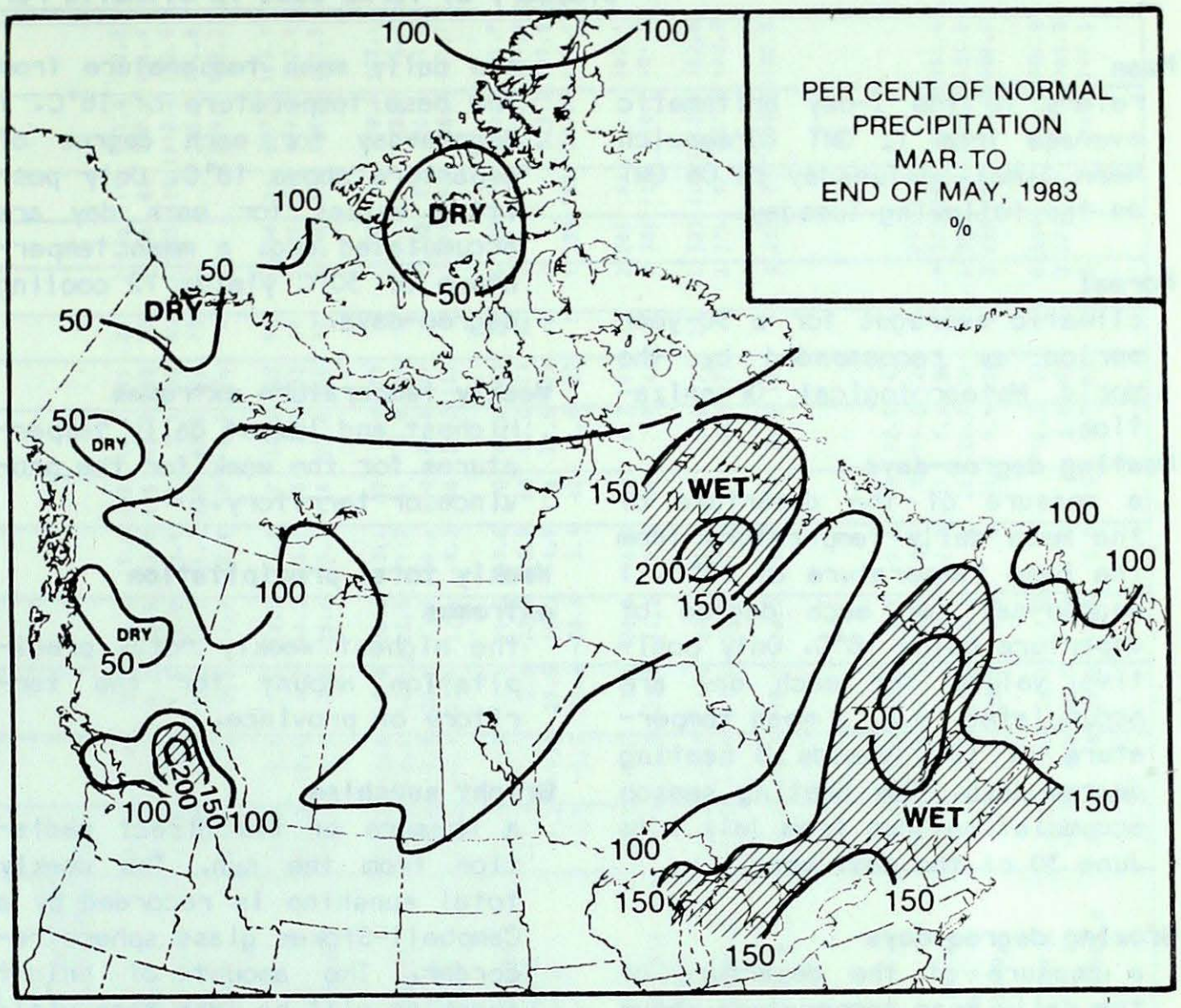


whole town. No deaths occurred, but 12 people were injured. Later on the same day, small twisters tore the roofs off a paper factory and several other buildings near the Toronto International Airport. The "Recees Corners tornado" was the most destructive tornado in Ontario since the one that struck Woodstock on August 7, 1979.

Otherwise, record-setting heavy rainfalls dominated the Ontario weather. Several locations had their wettest May in nearly 25 years; for example, Wiarton received 175 mm compared to its normal of 60 mm. Owing to the heavy rains, farmlands remained saturated, and spring seeding was delayed several weeks. Temperatures were consistently below normal in Ontario. Some southern stations had their coldest spring in 4 years. A late May frost damaged 10 to 20 per cent of the fruit and vegetable crops in southern Ontario, some tobacco plants also suffered frost damage.

Spring in Québec was generally dull, damp and cold. Heavy rain along the shores of the St. Lawrence River contributed to extensive flooding of roads and basements, triggered some mud slides and kept fields saturated. Numerous southern Québec stations received record monthly amounts of rainfall during April and May. In May, 245 mm at Québec City and 271 mm at Trois-Rivières were all-time record highs for any month. After a scant winter snowfall, Montréal received a record 34 cm during April. Deluges of 70 to 100 mm of rain caused widespread flooding south of Montréal when the Richelieu River overflowed in early May, forcing residents to abandon their homes. Because of the heavy rains, farmlands were water-logged and field-work was delayed nearly 3 weeks.

In the Atlantic Provinces, spring temperatures were generally warm, but precipitation was excessive, saturating fields, delaying ploughing and spring seeding a few weeks. Southern New Brunswick was especially wet; as the result of heavy downpours the Saint John River flooded on two occasions during April. A 120-km stretch of the Trans-Canada Highway was closed in flood waters. A mid-May frost throughout the Maritimes substantially damaged fruit trees in northern Nova Scotia.



Heavy pack ice which delayed the start of the seal hunting season north of Newfoundland came dangerously close to the oil rigs in the Hibernia oil fields east of Newfoundland in April.

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light snowfall and a late start to the snow season, the Québec Winter Carnival was a roaring success.

Conditions in the Atlantic Provinces were mixed, but generally poor. Northern New Brunswick started winter sports later than usual, and conditions were barely adequate. Over the remainder of the Maritimes those resorts that did not have snow making facilities were only open a handful of days. Even with snow making the season got off to a late start - mostly mid-January. Revenue was down about 50 per cent from the excellent previous winter. Two or three heavy snowfalls occurred in the Atlantic Provinces in February, but thaws quickly followed, and the snow season ended earlier than the usual. Local ski clubs, even along the normally snowy west coast of Newfoundland were not able to operate due to a lack of snow making facilities.

Glossary of terms used in Climatic Perspectives

Mean
refers to the 7-day arithmetic average from 12 GMT (Greenwich Mean Time) on Tuesday to 06 GMT on the following Tuesday.

Normal
climatic averages for a 30-year period as recommended by the World Meteorological Organization.

Heating degree-days
a measure of the departure of the mean daily temperature from the base temperature of 18°C. 1 degree-day for each degree of departure below 18°C. Only positive values for each day are accumulated. e.g. a mean temperature of 10°C yields 8 heating degree-days. The heating season accumulations run from July 1 to June 30 of the next year.

Growing degree-days
a measure of the departure of the daily mean temperature above the base temperature of 5°C. 1 degree-day for each degree of departure above 5°C. Only positive values for each day are accumulated e.g. a mean temperature of 10°C yields 5 growing degree-days.

Cooling degree-days
a measure of the departure of the daily mean temperature from the base temperature of 18°C. 1 degree-day for each degree of departure above 18°C. Only positive values for each day are accumulated e.g. a mean temperature of 30°C yields 12 cooling degree-days.

Weekly temperature extremes
Highest and lowest daily temperatures for the week for the province or territory.

Weekly total precipitation extremes
the highest weekly total precipitation amount for the territory or province.

Bright sunshine
a measure of the direct radiation from the sun. The weekly total sunshine is recorded by a Campbell-Stokes glass sphere recorder. The amount of bright sunshine will be less than visible sunshine because of the low intensity at sunrise and sunset.

Anomaly
departure from established normal values.

Mean sea-level pressure
the monthly average of the derived atmospheric pressure at mean sea-level calculated from an atmosphreic pressure observed at the station level.

Mean vapour pressure
the monthly average of the partial pressure of water vapour in the atmosphere.

Depth of snow on ground
a ruler measurement of the depth of snow on the ground at a representative site near each station. Depth is taken once per day at a standard time (12 GMT)

Departure of mean temperature from the normal
difference between the 7-day average temperature and the 30-year average temperature for the same 7 days. May be also applied to a monthly time scale.

Per cent departure from normal
departure of the monthly values expressed as a percentage of the 30-year monthly average.

Canadian Climate Centre,
Atmospheric Environment Service,
4905 Dufferin Street,
Downsview, Ontario,
CANADA M3H 5T4 (416) 667-4711/4906

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EDITOR: A. Shabbar; ASSISTANT EDITOR: R. Sarrazin; WRITER: A. Radomski.

Correspondents: T. Mullane, Ottawa; H. Wahl, Whitehorse; N. Penny, Vancouver; W. Prusak, Edmonton; F. LucIow, Winnipeg; B. Smith, Toronto; J. Miron, Montreal; F. Amirault, Halifax.

Subscription enquiries: Supply and Services Canada, Publishing Centre, Ottawa, Ontario, Canada, K1A 0S9

STATION	Temperature °C Température °C Mean Moyenne	Difference from Normal Ecart à la normale	Highest La plus élevée	Lowest La plus basse	Snowfall (cm) Chute de neige (cm)	% of Normal Snowfall % de la chute de neige normale	Total Precipitation (mm) Précipitation totale (mm)	% of Normal Precipitation % de précipitation normale	Snow on ground at end of month (cm) Neige au sol à la fin du mois (cm)	No. of days with Precip 1.0 or more (mm) Nombre de jours de préc. 1.0 ou plus (mm)	Bright Sunshine (hours) Durée de l'insolation (heures)	% of Normal Bright Sunshine % d'insolation effective normale	Degree Days below 18°C Degrés-jours au-dessous de 18°C	Mean Sea Level Pressure (kPa) Pression au niveau moyen de la mer (kPa)	Mean Vapour Pressure (kPa) Pression de vapeur moyenne (kPa)
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE															
ABBOTSFORD A	13.7	1.7	36.0	3.0	0.0		69.6	89	0	9	247	118	148.4	101.7	1.13
ALERT BAY	11.4	1.2	35.2	2.1	0.0		29.7	50	0	7			206.6	102.0	1.02
BLUE RIVER	11.3	1.6	33.0	-3.5	0.0	0	35.0	71	0	7	255	129			
BULL HARBOUR	10.6	1.5	30.4	2.8	0.0		76.3	93	0	12			231.5	101.9	1.07
BURNS LAKE	10.7	2.8	34.0	-1.1	0.0	0	11.9	40	0	4	276	124			
CAPE ST JAMES	10.8	2.1	20.0	5.1	0.0	0	36.4	43	0	12			222.8	101.9	1.07
CAPE SCOTT	10.8	1.4	27.0	3.8	0.0		104.7	77	0	14			222.6	102.0	1.12
CASTLEGAR A	14.3	1.1	31.4	.8	0.0		26.5	49	0	4	309	133	132.6	101.5	
COMOX A	13.6	1.8	31.7	3.4	0.0		7.4	20	0	2			142.4	101.7	1.00
CRANBROOK A	12.1	1.0	31.6	-2.1	T		20.5	59	0	4	314	123	192.9	101.5	.65
DEASE LAKE	7.4	1.3	35.3	-3.3	.6	13	41.3	179	0	8	208	99	332.5	101.5	.60
ETHELDA BAY	10.2	1.4	28.3	.7	0.0		102.0	55	0				241.9		
FORT NELSON A	8.1	-1.5	32.1	-8.6	26.2	444	63.3	152	0	15	224		319.5	101.6	.68
FORT ST JOHN A	9.9	.2	31.8	-6.3	3.9	46	17.2	44	0	5			261.1	101.6	.63
HOPE A	14.6	1.6	38.4	5.2	0.0		55.9	78	0	9	229	126	132.7	101.8	1.08
KAMLOOPS A	15.4	1.3	37.2	1.8	0.0		13.6	76	0	7	307	122	108.0	101.4	.83
KELOWNA A	13.6	1.4	34.4	.2	0.0		28.8	103	0	7	293	124	150.6	101.5	.86
LANGARA	9.3	1.2	23.0	5.7	0.0		134.0	146	0	18			268.2	101.7	1.01
LYTTON	16.5	2.1	40.4	4.3	0.0		14.9	115	0	4	271	106	87.5	101.5	.87
MACKENZIE A	9.8	1.6	34.6	-4.5	0.0	0	37.4	121	0	6	266	108	253.4		
MCINNES ISLAND	11.8	2.1	24.8	6.0	0.0		72.7	51	0	11					
MERRY ISLAND	14.2	1.8	28.4	7.6	T		38.7	80	0	6	258		121.9		
PENTICTON A	14.6	1.2	33.4	2.0	T		24.2	83	0	6	293	119	124.7	101.5	.90
PORT ALBERNI A	13.2	1.5	34.1	2.0	0.0		36.2	72	0	6	236		152.8		
PORT HARDY A	11.2	1.9	33.4	3.2	0.0		34.5	50	0	9	216	115	214.6	101.9	1.03
PRINCE GEORGE A	11.7	2.4	36.0	-3.1	0.0	0	16.5	35	0	4	288	114	206.7	101.5	.70
PRINCE RUPERT A	10.0	1.7	27.0	0.0	0.0	0	126.1	90	0	21					
PRINCETON A	12.4	1.6	36.3	-1.3	0.0	0	14.0	68	0	4	289				
QUESNEL A	12.1	1.6	36.5	-2.8	0.0	0	32.5	84	0	8			185.9	101.5	.80
REVELSTOKE A	14.2	1.7	35.7	1.4	0.0		20.9	40	0	5	270	127	134.5	101.5	.84
SANDSPIT A	10.7	2.0	21.5	3.8	0.0	0	62.5	120	0	15	180	86	226.0	101.8	1.02
SMITHERS A	11.3	2.3	35.8	-.8	.2	17	35.4	118	0	6	246	109	216.9	101.6	.78
SPRING ISLAND															
STEWART A	12.2	2.4	30.8	3.1	0.0	0	93.8	167	0	14	144	101	183.3		
TERRACE A	12.5	2.6	34.6	2.2	0.0	0	27.0	62	0	6	201	112	181.3	101.7	.83
TOFINO A															
VANCOUVER HARBOUR	14.1	1.6	32.7	5.6	0.0		38.7	57	0	5			130.4		
VANCOUVER INT A	13.7	1.5	30.4	5.0	0.0		37.5	73	0	7	253	103	140.6	101.8	1.15
VICTORIA GONZALES	13.5	1.6	29.5	5.4	0.0		34.5	179	0	4	285	103	146.9		
VICTORIA INT A	13.0	1.4	31.5	4.0	0.0		24.8	87	0	4	263	103	164.5	101.8	1.08
VICTORIA MARINE	12.1	1.7	28.2	2.6	0.0		23.0	59	0	5			186.5	101.8	1.05
WILLIAMS LAKE A	11.2	2.2	34.5	-2.8	T		26.9	85	0	6	306	119	226.9	101.6	.71

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YUKON TERRITORY TERRITOIRE DU YUKON															
BURWASH A	6.1	1.2	29.7	-7.6	2.1	11	15.5	70	0	5			369.6	101.2	.55
DAWSON A	7.6	.2	34.7	-5.6	7.5	357	36.5	243	0	6			322.8	101.2	.57
MAYO A	8.0	.5	33.5	-3.9	4.0	190	32.6	167	0	7			307.8	101.3	.62
WATSON LAKE A	8.0	1.1	34.2	-3.1	3.8	69	29.6	101	0	7	207	81	310.5	101.4	.63
WHITEHORSE A	8.0	1.3	34.1	-3.2	T		6.6	51	0	4	224	86	304.9	101.3	.56
NORTHWEST TERRITORIES TERRITOIRES DU NORD-OUEST															
ALERT	-12.1	-.4	5.7	-26.1	19.6	153	14.7	141	30	7	466	114	931.8	102.2	.22
BAKER LAKE	-11.3	-4.9	4.2	-23.5	12.9	205	12.9	108	53	2	226	86	907.6	101.9	.26
CAMBRIDGE BAY A	-14.9	-5.5	1.6	-29.8	5.4	57	5.4	57	45	1	285	110	1018.6	102.0	.22
CAPE DYER A	-7.8	-1.8	5.6	-22.1	101.4	189	87.2	178	75	11			799.4	102.0	.28
CAPE PARRY A	-11.1	-4.3	3.3	-22.9	8.4	70	6.9	76	6	3			899.9	102.2	.25
CLYDE	-11.0	-3.7	7.2	-24.5	11.4	67	10.6	63	90	3	354	141	897.6	102.1	.24
COPPERMINE	-13.3	-8.0	4.2	-30.2	5.1	63	3.9	33	14	2	339	151	969.4	102.4	.21
CORAL HARBOUR A	-11.1	-4.8	2.5	-25.6	25.7	176	25.4	150	47	5	268	95	901.2	101.9	.25
EUREKA	-13.5	-2.8	2.0	-26.6	3.1	89	1.9	59	6	1	485	93	978.6	102.1	.22
FORT RELIANCE	-6.1	-8.1	16.1	-23.5	1.7	31	6.8	50	T	2			745.8	102.1	.33
FORT SIMPSON A	4.6	-3.3	28.9	-15.2	30.6	600	40.8	131	0	9	255	93	420.1	101.8	.52
FORT SMITH A	3.5	-4.4	23.1	-12.1	4.2	88	36.7	132	0	6	279	98	458.7	101.7	.48
FROBISHER BAY A	-6.1	-2.9	7.4	-21.6	49.6	210	46.4	183	27	8	188	94	746.8	101.9	.34
HALL BEACH A	-11.6	-2.7	2.0	-27.3	13.0	80	12.0	74	32	5			921.8	101.9	.25
HAY RIVER A	1.2	-4.4	27.5	-15.5	4.9	126	22.5	112	0	7			523.3	101.9	.46
INUVIK A	-6.1	-5.3	23.4	-23.4	5.4	42	3.8	22	1	1	353	120	747.9	102.1	.30
MOULD BAY A	-12.9	-1.7	6.2	-24.0	6.3	80	6.3	91	17	2	206	62		102.1	.21
NORMAN WELLS A	1.6	-3.8	23.4	-11.5	7.5	89	7.9	46	0	3	336	119	510.7	101.9	.40
POND INLET A															
RESOLUTE A	-14.6	-3.7	1.0	-27.0	11.0	120	5.8	72	22	1	323	110	1012.1	102.0	.20
SACHS HARBOUR A	-12.2	-4.1	1.6	-25.3	7.2	84	6.6	75	4	3	276	97	937.0	102.2	.23
YELLOWKNIFE A	-1.1	-6.1	18.0	-16.5	10.0	270	29.0	169	0	4	330	99	590.5	102.0	.33
ALBERTA															
BANFF	8.7	1.0	28.5	-3.5	9.0	63	22.5	43	0						
BROOKS	10.7	-.5	31.0	-9.5	0.0	0	11.0	26	0		291	108			
CALGARY INT A	10.0	.6	27.4	-5.8	1.8	21	9.6	20	0	4	272	107	247.9	101.6	.61
COLD LAKE A	8.6	-1.8	27.0	-4.3	.6	20	20.1	51	0	6	239	88	294.5	101.6	.63
CORONATION A	9.7	-.6	28.9	-8.0	.6	21	9.4	26	0	3	299	103	256.2	101.6	.58
EDMONTON INT A	9.9	-.2	28.0	-7.0	T		10.2	24	0	6	264	93	251.5	101.6	.64
EDMONTON A	11.3	0.0	28.5	-2.4	T		6.8	16	0	3	271	97	211.4	101.5	.64
EDMONTON NAMAO A	10.4	-.4	27.8	-5.4	0.0	0	5.7	15	0	2			236.9	101.5	.63

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	Mean Moyenne	Difference from Normal Ecart à la normale	Highest La plus élevée	Lowest La plus basse											
EDSON A	9.3	1.2	28.0	-6.0	4.8	33	20.4	36	0	6	269	110	268.5	101.6	.69
FORT CHIPEWYAN A	3.7	-4.4	24.0	-10.5	8.5	131	24.2	95	0						
FORT MCMURRAY A	7.2	-2.5	25.4	-9.4	12.2	452	37.9	104	0	9	264	95	333.8	101.0	.56
GRANDE PRAIRIE A	10.7	.7	31.0	-1.8	0.0	0	19.6	54	0	4	262		236.3	101.5	.64
HIGH LEVEL A	7.1	-2.2	31.2	-7.4	25.5	593	50.6	143	0	8	250	88	341.5	101.6	.57
JASPER	10.2	1.5	30.4	-5.2	0.0	0	8.6	26	0	3	251		243.9	101.6	.60
LETHBRIDGE A	11.1	.1	29.4	-6.7	.2	3	46.6	92	0	6	287	109	219.0	101.5	.66
MEDICINE HAT A	11.9	-.4	31.4	-6.8	3.2	200	30.0	75	0	5	287	106	198.1	101.4	.71
PEACE RIVER A	9.2	-.4	30.4	-4.4	12.2	381	43.3	144	0	11			276.4	101.5	.65
RED DEER A	10.2	.4	27.4	-3.0	1.6	33	20.2	42	0	5			239.0	101.6	.67
ROCKY MTN HOUSE	9.4	.2	27.3	-3.5	2.2	25	26.6	44	0	11			264.7	101.5	.66
SLAVE LAKE A	8.5	-.5	27.6	-4.8	17.8	379	44.2	100	0	8	262	93	297.4	101.5	.65
SUFFIELD A	12.0	.3	31.3	-8.6	0.0	0	5.8	15	0	2	293	105	185.5		
WHITECOURT	10.2	1.0	27.9	-6.0	.4	12	28.3	52	0	7			245.8	101.5	.71
SASKATCHEWAN															
BROADVIEW	7.8	-2.2	25.4	-11.6	37.2	581	72.2	188	0	10	262	94	315.7	101.5	.66
BUFFALO NARROWS															
COLLINS BAY	.2	-3.9	17.9	-14.9	16.4	15	26.0	56	0	7	291		552.6	101.9	.46
CREE LAKE	3.4	-2.7	20.2	-11.0	12.7	32	27.9	108	0	10	255	87	454.2	101.8	.50
ESTEVAN A	9.4	-2.0	29.9	-6.5	20.8	800	45.6	83	0	9	251	87	270.7	101.5	.71
HUDSON BAY	0.6	-3.0	23.5	-7.3	26.5	679	45.9	116	0	9	226		351.2	101.6	.64
KINDERSLEY	10.2	-.7	29.8	-7.0	T		6.5	19	0	2			245.0	101.5	.61
LA RONGE A	5.8	-2.2	21.2	-7.2	4.4	66	43.3	106	0	8			380.2	101.7	.57
MEADOW LAKE	8.0	-2.7	29.0	-6.1	T		22.0	57	0	7	240		310.6	101.3	.67
MOOSE JAW A	9.7	-1.8	27.2	-3.8	24.2	968	53.7	122	0	8	237	85	259.4	101.5	.69
NIPAWIN A	7.8	-2.7	27.0	-6.5	10.0		20.6	52	0	8	252	89	314.9	101.6	.65
NORTH BATTLEFORD A	9.1	-2.1	28.1	-6.2	.2	14	11.2	32	0	3			277.6	101.6	.64
PRINCE ALBERT A	8.0	-2.0	25.7	-8.8	16.7	522	27.7	70	0	6	247	91	310.0	101.6	.65
REGINA A	9.1	-2.0	26.8	-5.1	21.6	675	43.8	94	0	8	274	99	277.2	101.5	.69
ROCKGLEN															
SASKATOON A	9.0	-2.1	27.8	-10.6	14.4	720	45.4	114	0	7			281.4	101.6	.69
SWIFT CURRENT A	8.8	-1.7	28.3	-8.7	0.0	0	60.0	150	0	7	257	93	285.3		
URANIUM CITY A	2.5	-4.2	20.8	-11.7	3.3	103	17.4	92	0	5			479.8	101.9	.42
WYNYARD	8.0	-2.4	25.7	-6.9	13.0	283	61.6	119	0	10	279	99	308.5	101.6	.67
YORKTON A	7.0	-3.4	24.5	-13.5	29.5		65.0	146	0	11	266	94	341.7	101.6	.68
MANITOBA															
ISSETT	7.2	-2.8	20.5	-7.7	1.2	32	41.6	70	0	10	258	97	337.0	101.5	.62
BRANDON A	7.6	-3.1	26.0	-11.0	9.5	452	49.4	104	0	7			322.6	101.5	.68
CHURCHILL A	-7.9	-6.4	5.3	-25.2	15.0	77	13.2	41	6	3	209	107	802.3	102.0	.32
DAUPHIN A	6.6	-3.7	25.1	-11.4	23.2	516	50.0	105	0	8	222	83	351.0	101.6	.64
GILLAM A	-3.0	-5.7	12.5	-22.8	48.6	278	70.4	210	T	10			654.4	101.9	.40
GIMLI	6.3	-2.9	22.3	-7.4	T		28.0	46	0	8	290	102	361.9	101.5	.65
ISLAND LAKE	1.6	-3.9	14.6	-16.6	43.1	78	69.7	199	0	10			503.3	101.8	.49
LYNN LAKE A	1.0	-3.9	16.4	-13.9	22.8	137	40.7	93	0	8	251	92	525.6	101.8	.45
NORWAY HOUSE A	2.8	-4.2	18.8	-12.0	23.9	419	105.5	353	0	4			309.3	101.7	.51
PILOT MOUND	8.0	-2.7	25.6	-6.6	3.0	115	30.8	47	0	4			309.3	101.6	.68
PORTAGE LA PRAIRIE	8.3	-2.9	25.2	-8.9	8.0	250	48.3	78	0	8			301.2		
THE PAS A	4.4	-4.0	20.5	-11.8	29.3	523	74.1	199	0	9	212	76	425.2	101.7	.58
THOMPSON A	.7	-4.3	18.3	-17.9	52.7	223	55.3	127	0	8	240	92	535.9	101.9	.40
WINNIPEG INT A	8.3	-3.0	26.0	-8.6	T		29.1	44	0	6	299	113	300.2	101.5	.62
ONTARIO															
ATIKOKAN	7.3	-1.9	24.2	-8.4	T		47.2	65	0	6	265	111	332.8	101.5	.64
EARLTON A	7.2	-2.6	26.3	-6.5	6.9	209	126.4	206	0	13			335.4	101.4	
GERALDTON			24.2	-8.6	1.9	15	42.5	67	0	6			390.1	101.6	.55
GORE BAY A	7.7	-2.5	19.2	-1.6	1.2	120	145.7	239	0	10			319.8	101.3	.80
HAMILTON	10.9	-2.2	24.0	-.6	0.0		113.2	162	0	11	224	92	220.6		
HAMILTON A	10.4	-2.2	23.0	-1.0	0.0		124.1	189	0	13			238.9		
KAPUSKASING A	5.7	-2.6	25.4	-8.9	10.4	106	93.5	126	0	11			381.2	101.5	.60
KENORA A	8.3	-2.2	20.6	-5.9	.4	9	48.6	85	0	8			299.5	101.5	.66
KINGSTON A	10.1	-1.3	22.7	-1.3	0.0	0	84.8	119	0	12	182	79	246.1	101.4	.98
LANSDOWNE HOUSE	2.6	-3.3	21.8	-11.8	7.6	54	31.2	57	0	6			477.8	101.6	.50
LONDON A	10.1	-2.3	22.3	-2.0	0.0	0	165.8	248	0	12	188	82	244.6	101.4	.94
MOOSONEE	2.9	-2.8	22.8	-11.7	12.1	132	50.5	81	0	6	214	108	466.8	101.6	.50
MOUNT FOREST	8.4	-2.3	21.5	-3.5	0.0	0	118.0	144	0	16	205	85	298.0	101.4	.86
MUSKOKA A	9.1	-1.8	25.0	-4.4	.8	32	171.8	221	0	16			276.2		
NORTH BAY A	8.0	-2.6	23.8	-5.3	3.0	120	147.4	213	0	16	191	78	308.8	101.3	.76
OTTAWA INT A	10.6	-2.2	23.6	-.2	1.0	83	130.9	193	0	14	175	73	229.3	101.3	.88
PETAWAWA A															
PETERBOROUGH A	10.4	-1.7	23.5	-2.1	T		105.2	184	0	15			238.6		
PICKLE LAKE	5.0	-2.4	21.4	-10.5	4.8	46	31.4	43	0	8			403.4	101.6	.54
RED LAKE	5.7	-3.5	20.1	-7.7	.5	9	43.8	90	0	10	251		370.7	101.6	.58
ST CATHARINES A	11.6	-1.4	25.3	.2	T		91.0	123	0	14			197.6		
SARNIA A	10.6	-1.8	24.1	-1.2	T		97.1	144	0	12	218	86	229.5		
SAULT STE MARIE A	7.2	-1.9	23.9	-4.8	.2	11	115.4	137	0	12	205	79	335.1	101.4	.73
SIMCOE	10.4	-2.3	22.0	-1.5	0.0	0	113.4	174	0	11			237.5	101.4	.95
SIOUX LOOKOUT A	7.0	-2.2	21.0	-7.0	.7	8	38.9	59	0	10			341.1	101.6	.61
SUDBURY A	7.5	-3.0	23.8	-5.0	2.4	96	137.6	205	0	14	189	76	317.2	101.3	.70
THUNDER BAY A	6.6	-2.2	21.8	-5.9	0.0	0	47.9	65	0	6	284	113	353.5	101.5	.61
TIMMINS A	5.9	-3.1	26.6	-8.4	16.7	257	120.3	171	0	11			372.9	101.4	.56
TORONTO	11.3	-2.3	22.7	.3	0.0	0	117.2	178	0	14	193	83	208.1		
TORONTO INT A	10.1	-2.2	22.8	-1.6	T		99.5	151	0	13			245.5	101.4	.92
TORONTO ISLAND A	10.4	-1.2	20.5	.8	0.0		104.8	167	0	13			235.4	101.4	.87
TRENTON A	10.7	-1.8	23.6	-1.4	T		100.8	138	0	13			226.4	101.4	.96
TROUT LAKE	1.0	-3.5	16.4	-17.8	19.8	134	39.7	88		8			527.3	101.8	.47
WATERLOO WELLINGTON	9.9	-2.4	21.5	-2.1	0.0		140.2	196	0	13			249.8		
WAWA A	5.3		21.7	-7.6	0.0		65.8		0	10			388.8	101.5	.66
WIARTON A	8.4	-2.0	23.6	-1.1	1.8	150	175.2	285	0	15	216	84	297.5	101.3	.83
WINDSOR A	12.2	-2.0	24.0	-.4	0.0		119.1	170	0	12			180.9	101.4	.97

STATION	Temperature °C Température °C				Snowfall (cm) Chute de neige (cm)	% of Normal Snowfall % de la chute de neige normale	Total Precipitation (mm) Précipitation totale (mm)	% of Normal Precipitation % de précipitation normale	Snow on ground at end of month (cm) Neige au sol à la fin du mois (cm)	No. of days with Precip 1.0 or more (mm) Nombre de jours de préc. 1.0 ou plus (mm)	Bright Sunshine (hours) Durée de l'insolation (heures)	% of Normal Bright Sunshine % d'insolation effective normale	Degree Days below 18°C Degrés-jours au-dessous de 18°C	Mean Sea Level Pressure (kPa) Pression au niveau moyen de la mer (kPa)	Mean Vapour Pressure (kPa) Pression de vapeur moyenne (kPa)
	Mean Moyenne	Difference from Normal Ecart à la normale	Highest La plus élevée	Lowest La plus basse											
QUEBEC															
BAGOTVILLE A	7.1	-2.2	23.6	-4.0	3.8	83	176.7	256	0	16			341.2	101.5	.75
BAIE COMEAU A	5.8	-1.0	18.4	-3.6	1.4	88	183.0	235	0	19	140	64	377.1	101.6	.75
BLANC SABLON	3.8	.9	14.9	-2.9	8.8	60	79.2	109		15	154		439.6	101.9	.70
CHIBOUGAMAU A	4.8	-1.6	22.5	-8.5	8.4	46	130.4	151	0	16	146	64	408.5	101.5	.71
KUUJJUAC A	.4	.2	18.1	-11.7	7.4	46	28.0	88	T	8	178	129	548.5	101.8	.43
GASPE A	6.8	-.3	21.5	-4.4	0.0	0	150.8	215	0	13	147		356.5	101.8	.76
INUKJUAC	-4.9	-3.3	6.2	-18.8	40.8	308	50.8	217	10	11	147	102	707.6	101.7	.40
LA GRANDE RIVIERE	0.3		23.0	-12.2	7.3		29.6		0	8	228		368.9	101.6	.55
MANIWAKI	8.8	-2.0	24.6	-4.1	2.4	400	172.2	273	0	18	159	65	286.0	101.3	.85
MATAGAMI A	5.2	-1.8	25.3	-8.6	2.5	17	79.8	97	0	13	215	92	396.2		
MONT JOLI A															
MONTREAL INT A	11.1	-1.9	22.9	.8	.4	24	137.1	209	0	15	154	64	215.4	101.3	.98
MONTREAL MIRABEL A	10.1		22.6	-1.2	5.2		168.2		0	14			245.5	101.4	.92
NATASHQUAN A	5.1	.2	16.5	-4.0	0.0	0	64.0	70	0	13	126	59	399.5	101.7	.67
NITCHEQUON	2.2	.2	15.0	-12.2	17.2		54.2	102	T	10			490.9	101.7	.55
POSTE DE LA BALEINE	0.0	-1.2	17.9	-15.2	14.2	74	35.0	63	0	9	152	83	558.9	101.6	.48
QUEBEC A	8.9	-1.3	21.9	-.5	T		245.1	282	0	18	116	53	282.7	101.4	.87
ROBERVAL A	6.8	-2.7	23.5	-4.8	33.0		192.5	277	0	18	139		347.0	101.4	.76
STE AGATHE DES MONTS	8.1	-1.7	22.7	-3.1	12.6	323	195.4	241	0	16	151	61	307.9	101.4	.86
ST HUBERT A	10.6	-2.2	22.9	-1.7	.6	40	142.9	196	0	18			229.3	101.3	1.01
SCHEFFERVILLE A	1.8	.6	17.1	-15.1	19.3	78	28.3	57	T	9	217	130	502.6	101.8	.48
SEPT ILES A	5.3	-.6	18.3	-3.7	T		146.0	174	0	17	160	69	394.5	101.7	.71
SHERBROOKE A	9.4	-1.2	22.5	-5.0	4.4	44	182.4	210	0	18	131	58	266.6	102.2	.94
VAL D'OR A	6.3	-2.5	24.8	-7.8	3.2	89	111.2	174	0	14	176	74	363.0	101.4	.67
NEW BRUNSWICK NOUVEAU-BRUNSWICK															
CHARLO A	7.5	-.4	25.2	-2.4	0.0	0	129.0	160	0	19	120	57	324.2	101.6	.79
CHATHAM A	9.1	-.4	23.3	-2.5	.2	7	155.2	189	0	14	132	63	276.1	101.6	.85
FREDERICTON A	10.4	-.4	23.2	-1.8	5.2	473	174.6	210	0	17	126	63	235.7	101.6	.97
MONCTON A	10.1	.7	21.4	-4.2	5.9	268	113.2	135	0	14	156	75	243.9	101.6	.87
SAINT JOHN A	9.1	.1	19.8	-.2	5.6	280	214.3	199	0	20	155	76	276.4	101.6	.91

STATION	Temperature °C Température °C				Snowfall (cm) Chute de neige (cm)	% of Normal Snowfall % de la chute de neige normale	Total Precipitation (mm) Précipitation totale (mm)	% of Normal Precipitation % de précipitation normale	Snow on ground at end of month (cm) Neige au sol à la fin du mois (cm)	No. of days with Precip 1.0 or more (mm) Nombre de jours de préc. 1.0 ou plus (mm)	Bright Sunshine (hours) Durée de l'insolation (heures)	% of Normal Bright Sunshine % d'insolation effective normale	Degree Days below 18°C Degrés-jours au-dessous de 18°C	Mean Sea Level Pressure (kPa) Pression au niveau moyen de la mer (kPa)	Mean Vapour Pressure (kPa) Pression de vapeur moyenne (kPa)
	Mean Moyenne	Difference from Normal Ecart à la normale	Highest La plus élevée	Lowest La plus basse											
NOVA SCOTIA NOUVELLE-ECOSSE															
EDDY POINT	8.4	.9	18.8	2.0	0.0	0	181.8	182	0	13	117	61	296.6	101.7	.94
GREENWOOD A	11.1	.6	21.8	-2.3	0.0	0	155.4	210	0	18			213.2	101.6	1.07
HALIFAX INT A	10.0	.8	19.5	-1.3	0.0	0	132.4	124	0	16			249.9	101.7	.97
SABLE ISLAND	8.9	2.2	16.7	3.5	0.0	0	85.6	84	0	12	126	77	282.6	101.8	1.05
SHEARWATER A	9.4	.5	19.5	-.2	T		126.0	125		17	135	64	260.3	101.6	.98
SYDNEY A	8.0	.6	20.2	-.5	T		123.6	130	0	13	151	76	308.5	101.7	.88
TRURO	10.2	1.4	21.6	-1.4	0.0	0	158.0	180	0	14	150	79	242.2	101.7	1.00
YARMOUTH A	9.4	.2	19.8	1.0	0.0	0	155.8	169	0	20	139	63	266.4	101.6	1.03
PRINCE EDWARD ISLAND ILE-DU-PRINCE-EDOUARD															
CHARLOTTETOWN A	9.6	1.1	19.4	-.3	3.7	176	196.0	234	0	14			259.8	101.6	.89
SUMMERSIDE A	9.4	.4	20.5	-1.1	1.0	56	155.0	191	0	13	150	76	267.5	101.6	.95
NEWFOUNDLAND TERRE-NEUVE															
ARGENTIA	6.9	1.3	17.4	0.0	T		70.0	104	0	9			343.4	101.9	.85
BATTLE HARBOUR	1.6	-.5	15.5	-2.9	10.2	66	38.2	66	0	9			510.8	102.0	.62
BONAVISTA	5.9	1.4	17.4	-1.2	0.0	0	77.4	115	0	11			374.9	101.9	.77
BURGEO	6.4	.7	15.0	.8	0.0	0	99.3	79	0	13	121	75	359.9	101.8	.82
CARTWRIGHT	2.5	-.4	20.6	-6.2	19.3	111	55.7	89	0	12	161	119	490.7	101.9	.59
CHURCHILL FALLS A	3.4	.5	19.5	-10.4	33.8	189	54.0	95	0	8	188	96	453.9	101.9	.53
COMFORT COVE	6.6	.6	20.6	-1.9	2.0	12	98.6	134	0	13			355.3	101.9	.76
DANIEL'S HARBOUR	6.1	1.2	20.5	-2.4	1.6	22	88.0	128	0	12	156	85	358.5	101.8	.73
DEER LAKE A	6.9	.5	22.3	-1.6	.5	9	91.4	138	0	10			353.9	101.9	.74
GANDER INT A	6.8	.6	19.6	-1.6	1.2	9	76.5	109	0	14	120	74	347.1	101.9	.79
GOOSE A	4.6	-.4	23.5	-7.0	30.1	164	62.6	98	0	10	164	93	415.0	101.9	.59
HOPEDALE	.7	-.7	14.5	-11.3	13.1	59	22.3	44	4	8			537.0	102.0	.52
PORT AUX BASQUES	6.2	1.5			0.0	0	139.2	117	0	15			366.9	101.8	.81
ST ANTHONY	3.0	.2	17.7	-3.1	16.0	143	58.6	66	0	15			429.7	101.9	.66
ST JOHN'S A	7.2	1.8	20.7	-1.5	T		87.2	86	0	15	116	73	334.3	101.9	.82
ST LAWRENCE	6.8	2.0	17.4	-.9	T		129.1	120	0	12			345.2		
STEPHENVILLE A	8.2	1.3	22.0	.5	0.0	0	115.4	143	0	14	152	82	289.7	101.7	.81
WABUSH LAKE A	3.1	.4	19.1	-8.5	11.7	48	42.0	70	0	8	188	92	461.6	101.7	.54

STATION	Temperature °C Mean Moyenne	Difference from Normal Ecart à la normale	Maximum Maximale	Minimum Minimale	Snowfall (cm) Chute de neige (cm)	Total Precipitation (mm) Précipitation totale (mm)	% of Normal Precipitation % de précipitation normale	Snow on ground at end of month (cm) Neige au sol à la fin du mois (cm)	No. of days with Precip. 1.0 or more (mm) Nombre de jours de préc. 1.0 ou plus (mm)	Bright sunshine (hours) Durée de l'insolation (heures)	Degree Days above 5°C Degrés-jours au-dessus de 5°C: This Month Présent mois	Degree Days above 5°C Degrés-jours au-dessus de 5°C: Since Jan. 1st Depuis le 1er janv.	Mean Dew Point °C Point de rosée moyen °C
AGROCLIMATOLOGICAL STATIONS AGROCLIMATOLOGIQUES													
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE													
Agassiz	14.8	1.6	36.0	4.5	0.0	45.0	56	0	9	230	303.5	680.8	
Kamloops													
Sidney													
Summerland	14.5	0.7	31.5	2.0	0.0	20.6	78	0	5	312	292.5	455.5	
ALBERTA													
Beaverlodge	16.3	6.8	30.5	-2.0	0.0	30.2	73	0	4	276	168.2	211.8	
Ellerslie	10.3	0.6	27.5	-6.5	0.0	6.0	19	0	3	267	169.1	222.8	
Fort Vermilion													
Lacombe	10.3	0.5	27.5	-4.5	0.0	15.9	34	0	6	255	143.7	197.2	
Lethbridge	11.0	0.4	29.5	-6.5	0.0	29.3	56	0	5	287	192.9	284.4	
Vauxhall	11.1	0.0	31.0	-8.0	0.0	19.6	48	0	5	285	197.7	237.6	
Vegreville													
SASKATCHEWAN													
Indian Head	8.5	-1.6	25.5	-10.5	29.6	64.6	148	0	8				
Melfort	7.9	-1.7	26.5	-8.5	14.6	28.1	79	0	5	220	179.5	151.5	
Regina	8.9	-1.4	27.0	-5.0	24.2	52.0	135	0	9		125.0	125.0	
Saskatoon	8.5		27.0	-9.0	26.2	53.4		0	7	282	145.0	197.0	
Scott	8.8	-1.1	28.0	-8.0	0.8	5.2	14	0	2	287	132.3	182.7	
Swift Current South	9.0	-1.3	28.5	-8.5	10.0	62.0	232	0	6	207	210.1	224.6	
MANITOBA													
Brandon	8.3	-2.1	26.5	-11.0	5.4	29.0	54	0	6	255	134.3	167.9	
Glenlea	9.0		25.0	-8.0	0.0	16.3		0	5	289	132.0	166.5	
Morden	9.6	-1.5	26.0	-6.0	1.2	28.4	45	0	6	268	162.1	206.0	
ONTARIO													
Delhi	10.6	-2.1	23.0	-1.5	0.0	132.5	163	0	10	219	271.7	346.4	
Elora	9.3		21.1	-2.8	0.0	139.0		0	11	204	142.5	190.5	
Guelph	9.8	-2.0	22.0	-3.3	0.0	142.0	184	0	12	200	155.5	208.0	
Harrow	12.2	-2.1	24.0	-0.5	0.0	169.9	224	0	12	231	36.1	140.5	
Kapuskasing													
Merivale													
Ottawa	11.0	-1.4	23.1	-0.2	0.0	136.4	197	0	15	168	187.1	233.4	
Smithfield	10.4	-1.2	22.0	-1.0	0.0	125.4	182	0	12		163.6	216.7	
Vineland Station	11.0	-1.4	25.0	0.0	0.0	102.4	143	0	11	203	184.6	244.6	
Woodslee	11.5	-2.2	25.0	-3.0	0.0	122.8	173	0	13				
QUEBEC													
La Pocatiere	7.6	-2.3	21.5	-2.0	0.0	187.4	277	0	17	133	90.2	102.8	
L'Assomption	10.6	-1.5	22.0	-1.0	0.0	177.1	239	0	16	151	179.0	215.4	
Lavaltrie													
Lennoxville													
Normandin	6.9	-1.5	24.0	-6.0	3.0	157.4	254	0	19	138	78.2	89.2	
St. Augustin													
Ste. Clothilde	11.2	-1.0	24.0	0.5	T	150.6	184	0	19	159	198.2	244.5	
NEW BRUNSWICK NOUVEAU-BRUNSWICK													
Fredericton													
NOVA SCOTIA NOUVELLE-ECOSSE													
Kentville	11.4	1.1	23.0	-1.0	0.0	143.2	182	0	17	157	197.6	295.4	
Nappan	10.4	1.1	22.5	-4.0	12.0	159.6	215	0	16	143	170.3	250.8	
PRINCE EDWARD ISLAND ILE-DU-PRINCE-EDOUARD													
Charlottetown	9.6	0.4	18.5	-1.0	6.0	205.0	258	0	18	153	150.3	230.3	
NEWFOUNDLAND TERRE-NEUVE													
St. John's West	8.0	2.3	18.0	-1.0	0.0	87.2	80	0	15	118	61.9	158.7	