

Climatic Perspectives

March 1995

Monthly review of Canadian climate and water

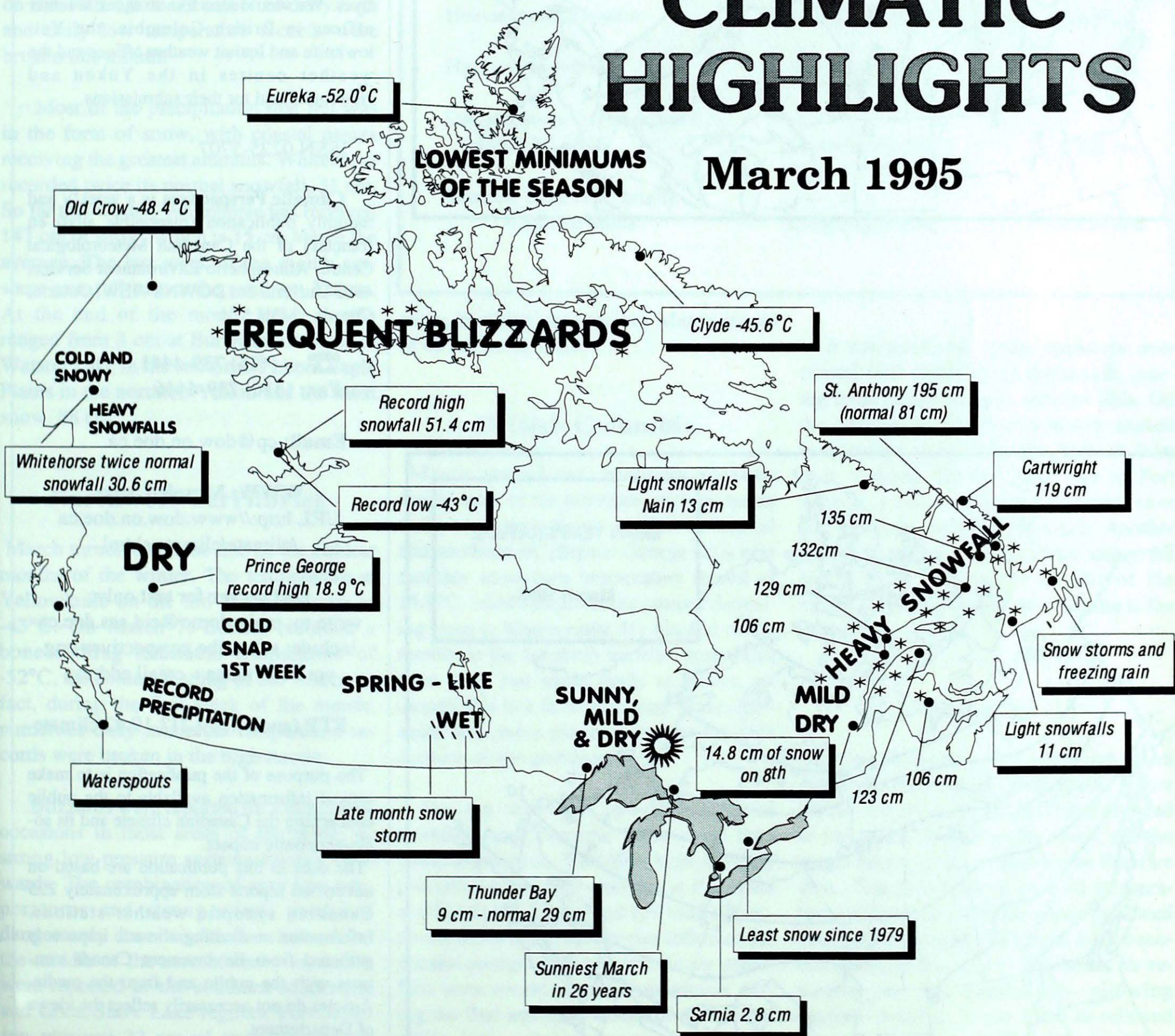
vol. 17

CLIMATIC HIGHLIGHTS

March 1995

LOWEST MINIMUMS
OF THE SEASON

FREQUENT BLIZZARDS



CLIMATIC PERSPECTIVES VOLUME 17

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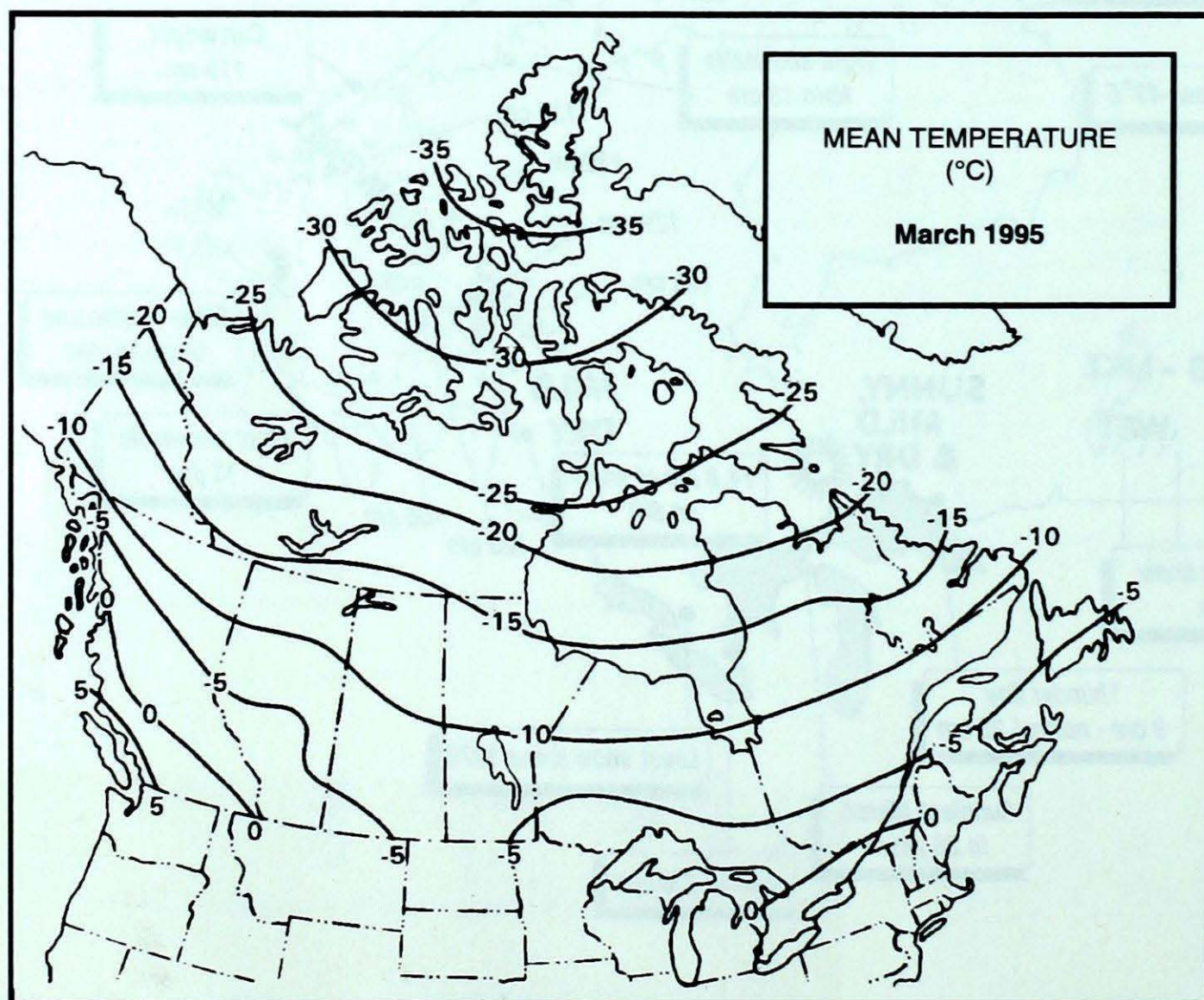
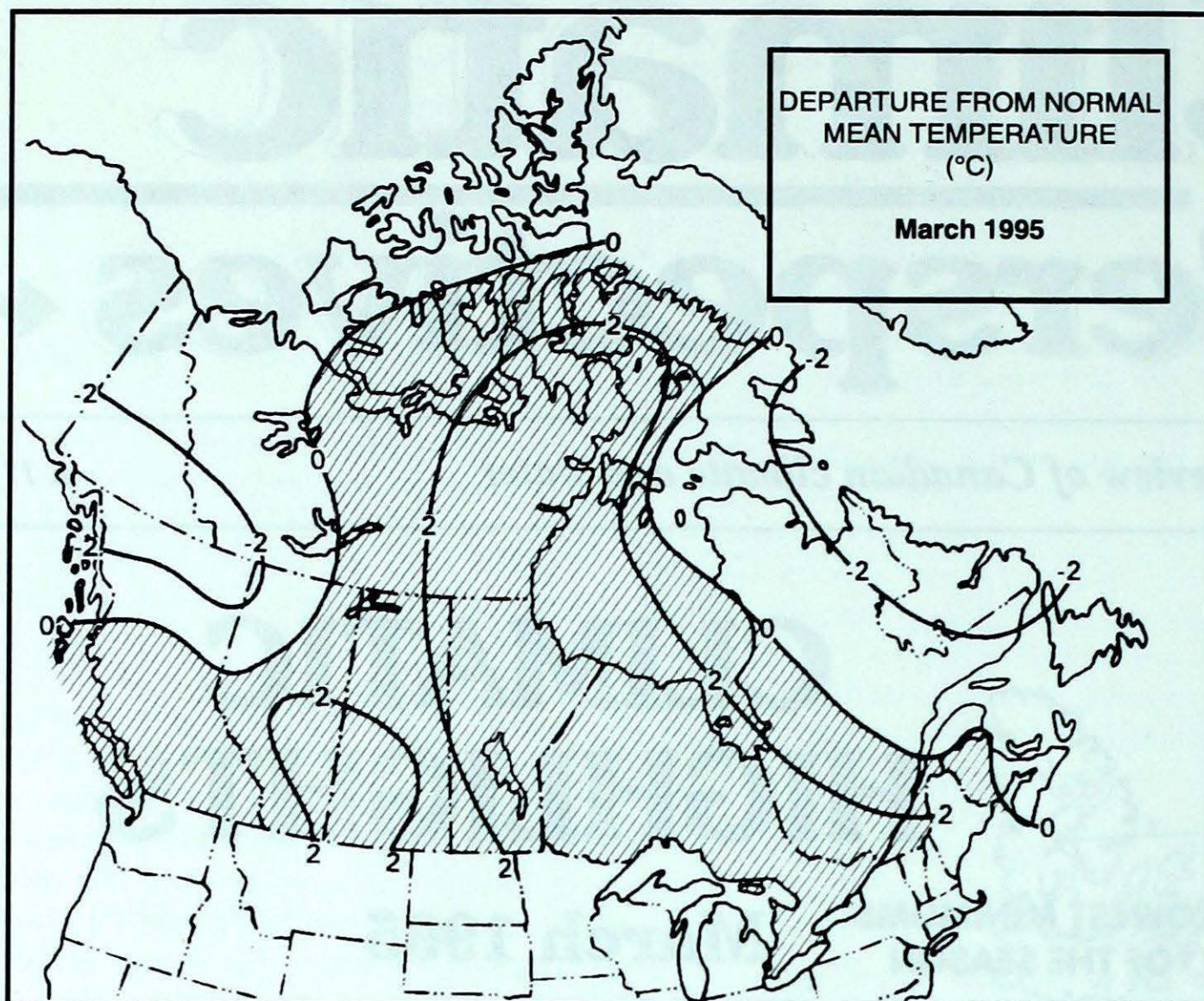
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The purpose of the publication is to make topical information available to the public concerning the Canadian climate and its socio-economic impact.

The data in this publication are based on unverified reports from approximately 225 Canadian synoptic weather stations. Information concerning climatic impacts is gathered from Environment Canada contacts with the public and from the media. Articles do not necessarily reflect the views of Departement.



Across the country

Yukon

There was a hint of spring in the air at the beginning of the month, but unfortunately it was short-lived. Cold and snowy conditions prevailed for the first half of the month, then spring tried to start anew only to be pushed back again. Finally, during the last week of March warm air began to cover the Territory. Temperatures ranged from a maximum of 12°C on the 29th at Carmacks to a low of -48.4°C at Old Crow on the 13th. Quite a number of daily high and daily low temperature records were broken this month.

Most of the precipitation that fell was in the form of snow, with coastal passes receiving the greatest amounts. Whitehorse recorded twice its normal snowfall, 31 cm. So far this winter, Whitehorse has received 147 cm of snow, which is 15 cm above the average. The last week of the month saw some rain fall across the southern Yukon. At the end of the month snow depths ranged from 3 cm at Burwash to 61 cm at Watson Lake in the southern Yukon. Eagle Plains in the northern Yukon had the most snow, 88 cm.

Northwest Territories

March turned out to be one of the coldest months of the winter. The temperature at Yellowknife on the 3rd dropped down to -43°C. On March 7, Eureka recorded a bone-chilling minimum temperature of -52°C, the coldest reading of the winter. In fact, during the first week of the month, numerous daily minimum temperature records were broken in the high Arctic.

Blizzards were reported on a number of occasions in most areas of the north, as strong low pressure systems tracked eastwards. The combination of very low temperatures and strong winds produced dangerously low windchill values. After the middle of the month, heavy snowfalls were reported in the southern Mackenzie and Great Slave Lake regions. Fort Simpson received 22 cm of snow around the 21st. Yellowknife received a total 51 cm of

snow, breaking the previous March record of 48 cm set in 1959.

British Columbia

March started out relatively pleasant across most of the province, with temperatures averaging above normal in central and southern BC. Prince George set a new monthly maximum temperature record of 18.9°C. Mild temperatures coaxed flowering trees to bloom early. By the end of the month, in the southern interior, some fruit trees were just about ready to bloom, although this is a little later than usual. Sunshine was most plentiful in the southern sections of the province.

For the most part, precipitation was abundant, and in some cases more than twice the normal. Two new high monthly precipitation records were set at Penticton and Castlegar, 52 mm and 134 mm, respectively. Snowfall in the interior followed the general precipitation pattern. Heavy snowfalls were recorded in the mountains during the first and third weeks of the month, while lower elevations received lesser amounts.

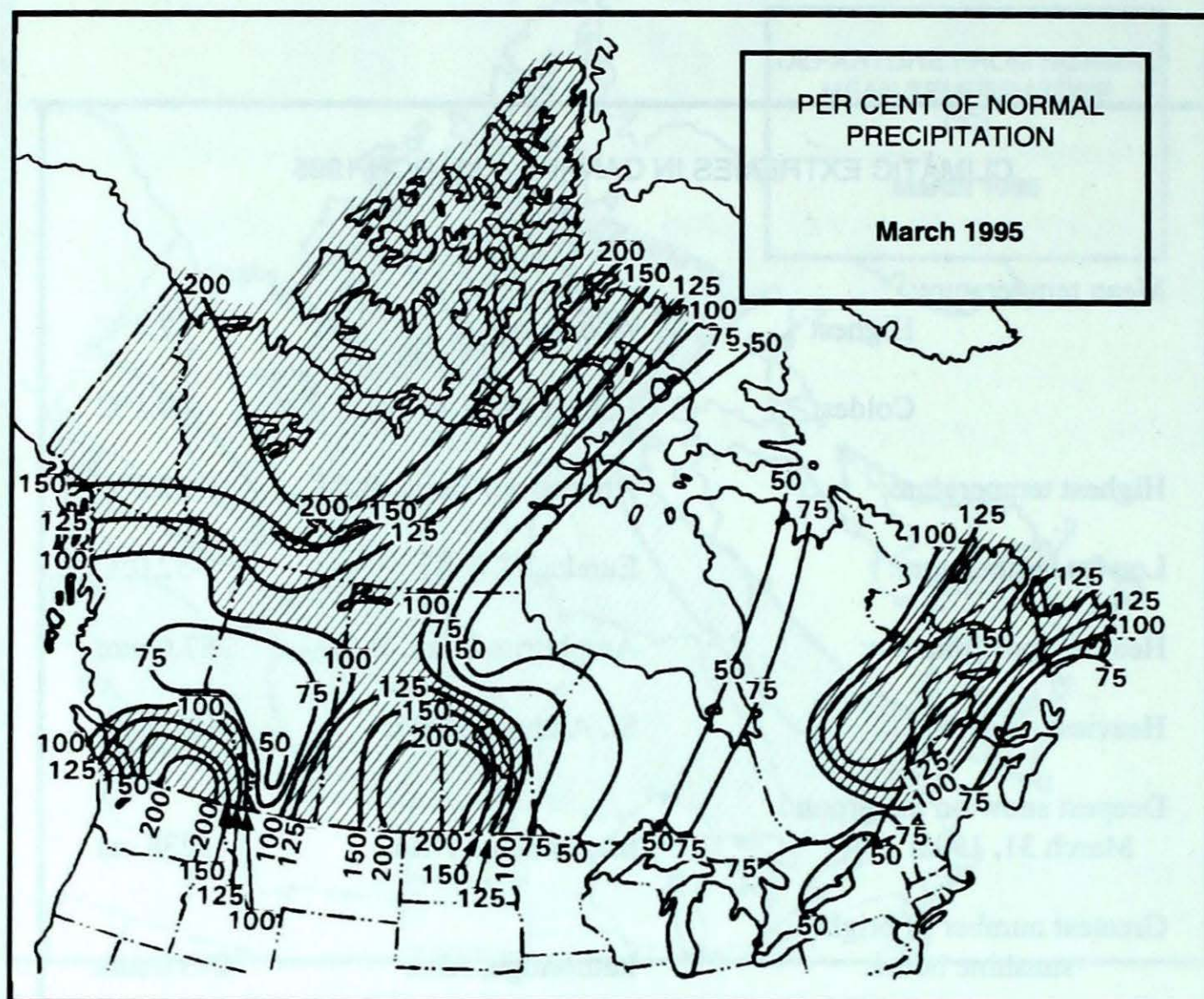
CLIMATIC EXTREMES IN CANADA - MARCH 1995

Mean temperature:		
Highest	Abbotsford, B.C.	7.4°C
Coldest	Eureka, N.W.T.	-39.1°C
Highest temperature:	Abbotsford/Hope, B.C.	22.2°C
Lowest temperature:	Eureka, N.W.T.	-52.0°C
Heaviest precipitation:	Amphitrite Point, B.C.	287.6 mm
Heaviest snowfall:	St. Anthony, Nfld.	192.5 cm
Deepest snow on the ground March 31, 1995:	St. Anthony, Nfld.	238 cm
Greatest number of bright sunshine hours:	Lethbridge, Alta.	213 hours

It was windy on several occasions over coastal land areas during the month, causing local power outages and tree falls. On the 14th, an active weather system caused waterspouts to form in the Saanich Inlet near Victoria. On the same day in Port Alberni, a docked float plane flipped over due to winds gusting to 85 km/h. Another system produced strong winds along the North Coast during the middle of the month. A fishing boat sank, resulting in the loss of three lives.

Alberta

The month began with a cold snap, as an Arctic air mass swept southwards. Under mainly sunny skies, temperatures plunged to the minus thirties in the south and the minus forties in the north over the first five days. The combination of cold temperatures and strong northerly winds produced uncomfortably high windchills. By the second week of the month, the Arctic air retreated east and northwards, allowing daytime readings in the south to rebound into the balmy teens. Freezing precipitation and some snow affected travel in



northern and central Alberta during the middle of the month. Several passing disturbances brought periods of snow or rain to the remainder of the province during the latter part of the period. March ended with Chinook conditions in southern Alberta, when the daytime high at Lethbridge reached 19.7°C on the 31st.

Saskatchewan and Manitoba

March came in like a lion and went out like a lamb. An outbreak of cold air sent temperature plummeting well-below normal at the beginning of the month. However, a westerly flow of milder air dominated the region for the next three weeks, providing above-normal temperatures and little precipitation. When there was precipitation it usually was in the form of rain, at least in the south.

The month ended with a spring snowstorm hitting much of southeastern Saskatchewan and southern Manitoba. With temperatures hovering around freezing, the snow was heavy and wet. The heaviest snowfalls occurred in the hilly terrain of southwestern Manitoba, where between 10 and 20 centimetres was reported.

Ontario

The weather turned out to be mild, sunny and dry, with mid-month afternoon temperatures managing to reach the low 20's in the south and the double digits elsewhere. Mean monthly temperatures were 2 to 3 degrees above normal, resulting in the warmest March since 1987, and in some cases, the warmest March since 1959. March was also the sixth month in the last seven to exhibit above-normal temperatures.

Given the mild weather, snowfall was scarce. Less than 6 cm fell in the Toronto - Niagara regions - only 20% of normal. Hamilton recorded the least amount of snow since 1979. The lowest total in the province was at Sarnia, at 2.8 cm (normal 18 cm). Across central Ontario, snowfalls were well-below normal, ranging between 10 and 25 centimetres. Thunder Bay received only 9 cm compared to the usual March snowfall of 29 cm. As far as total precipitation goes, March was the driest since 1992, as rain did not make up for the lack of snow. The least amount of precipitation was recorded in the northwest, ap-

proximately half the 30 to 40 millimetre normal. The dry weather, combined with the March sun and wind created a higher than usual forest fire hazard.

Although Northwestern Ontario was cloudier than usual, sunshine was plentiful east of Thunder Bay. The sunniest local was Sault Ste Marie, where the total of 199 hours was not only 50 hours more than normal, but also made for the sunniest March in 26 years.

Quebec

Across the western half of the province, March will be remembered as a mild month. Although the first 11 days were colder than normal in the southwest, by the 12th spring had sprung and some parts of the province saw maximums climb into the teens.

The heaviest amount of precipitation and snow fell along the north shore of the Gulf of St. Lawrence. Natashquan received 132 cm of snow this month - a new monthly record. In fact, much of southeastern Quebec received snowfalls in excess of 100 cm. In contrast, in northern Quebec, La Grande set new low monthly snowfall and precipitation records of 3.2 cm and 3.2 mm. Previous records were 14 cm and 16 mm, respectively, both set in 1987. Montreal was hit by only one major snowfall this month - 14.8 cm on March 8 and 9.

Maritimes

March turned out to be a cloudy month, with near normal temperatures. Daily record high maximum readings were reported at several locations on March 8 and 9. At Greenwood the mercury reached 16.5°C.

With the exception of northern New Brunswick, precipitation was generally below normal. Charlo received 106 cm of snow, resulting in a total monthly precipitation value that is 155 percent of normal. In contrast, other locations in New Brunswick, recorded only 15 to 50 centimetres of

snow, much the same as in Nova Scotia and P.E.I.. On March 6, Charlo received a one-day snowfall of 42 cm.

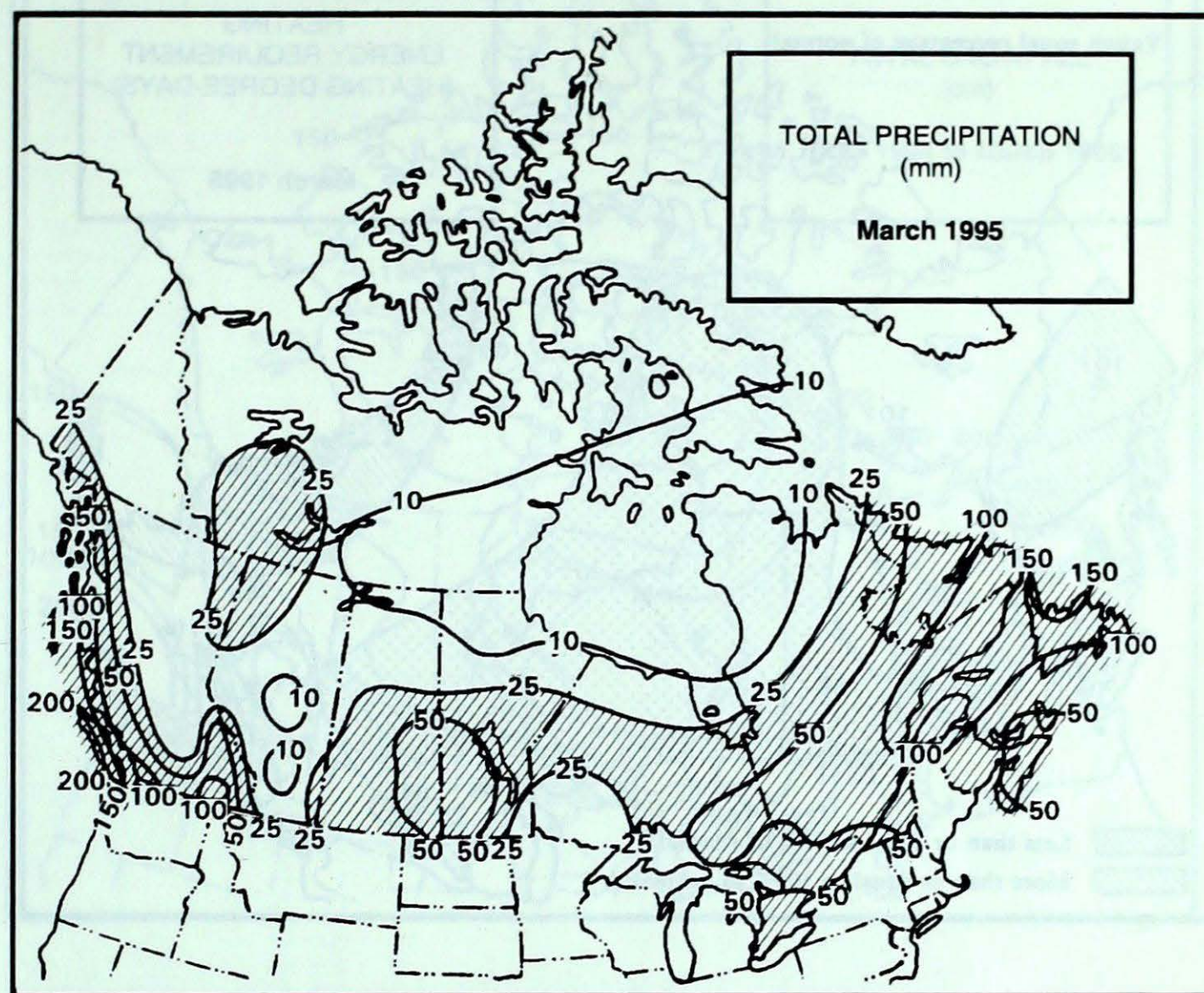
Hours of bright sunshine were below normal across the whole region, with values ranging from 88 hours at Sable Island to 131 hours at St. Leonard, N.B. Most locations were below normal by 20 to 40 hours.

Newfoundland and Labrador

March came in like a lion, giving 26 cm of snow to the Avalon Peninsula during the first week. A storm on the 6th gave 22 cm of snow to St. Anthony, and on March 9 and 10, an influx of warmer air brought freezing rain to the Northern Peninsula, which resulted in the loss of power in the Daniel's Harbour area for four days. Another storm on the 18th and 19th produced blizzard conditions and brought 26 cm of snow to the east coast.

Overall, the northern half of the Island received above-normal snowfalls. St. Anthony and Gander tallied 195 and 112 centimetres, compared to a normal of 81 and 75 centimetres, respectively.

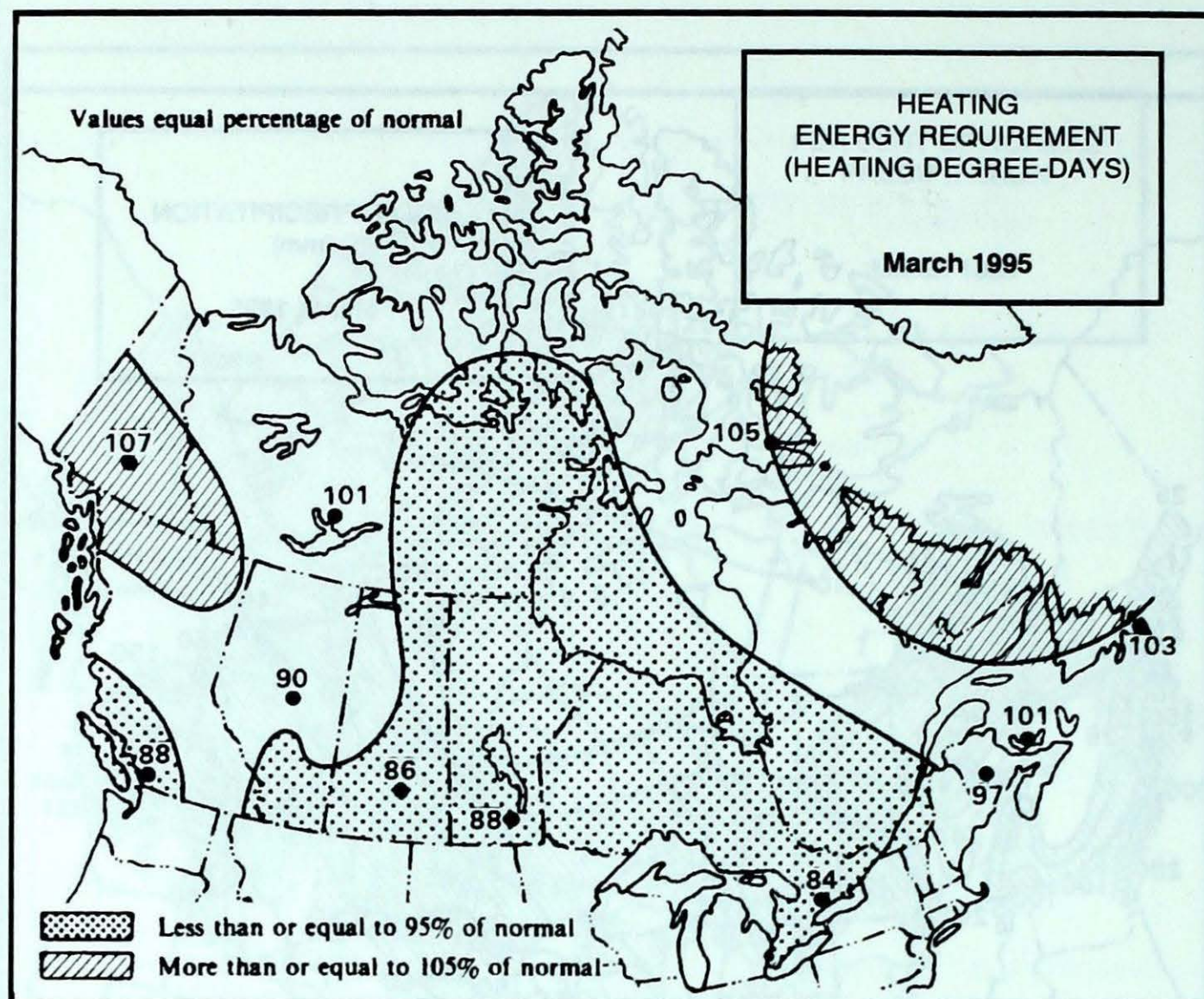
In general, the southern half of the Island was slightly warmer this month, with less than normal snowfall. For example, Port aux Basques and Burgeo received 11



and 14 centimetres compared to a normals of 49 and 54 centimetres, respectively.

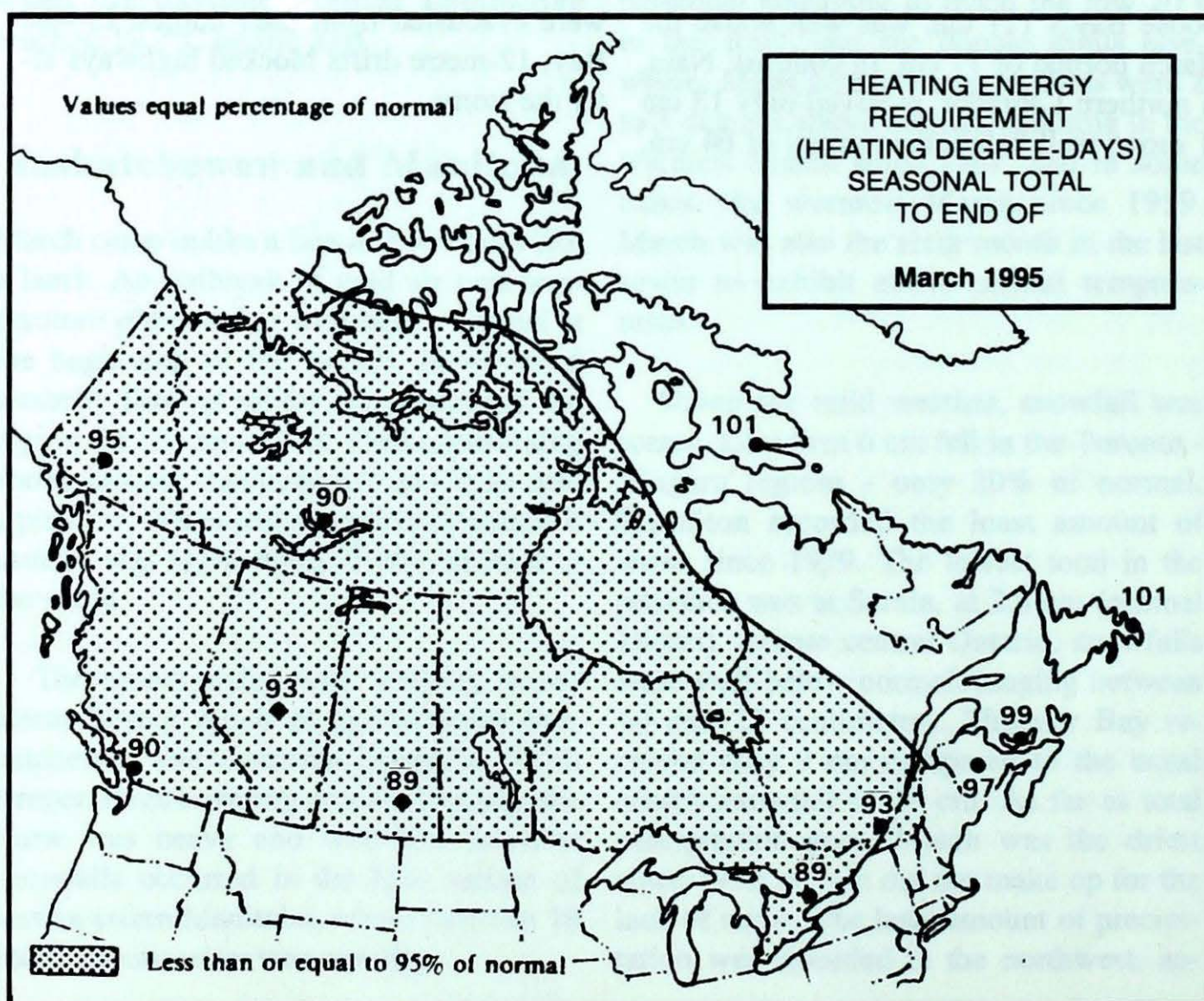
In southern Labrador, snowfalls were well-above normal. Cartwright received 119 cm compared to a normal of 87 cm. Goose Bay's 111 cm, was well above the March normal of 77 cm. In contrast, Nain, in northern Labrador, received only 13 cm of snow, well below the normal of 64 cm.

A severe storm affected southern Labrador on March 10, causing heavy snowfall accumulations in hilly areas. This resulted in avalanches which killed two people near Blanc Sablon. The military was called in to blast avalanche-prone areas, while people were evacuated from their homes. In Red Bay, 12-metre drifts blocked highways after the storm.



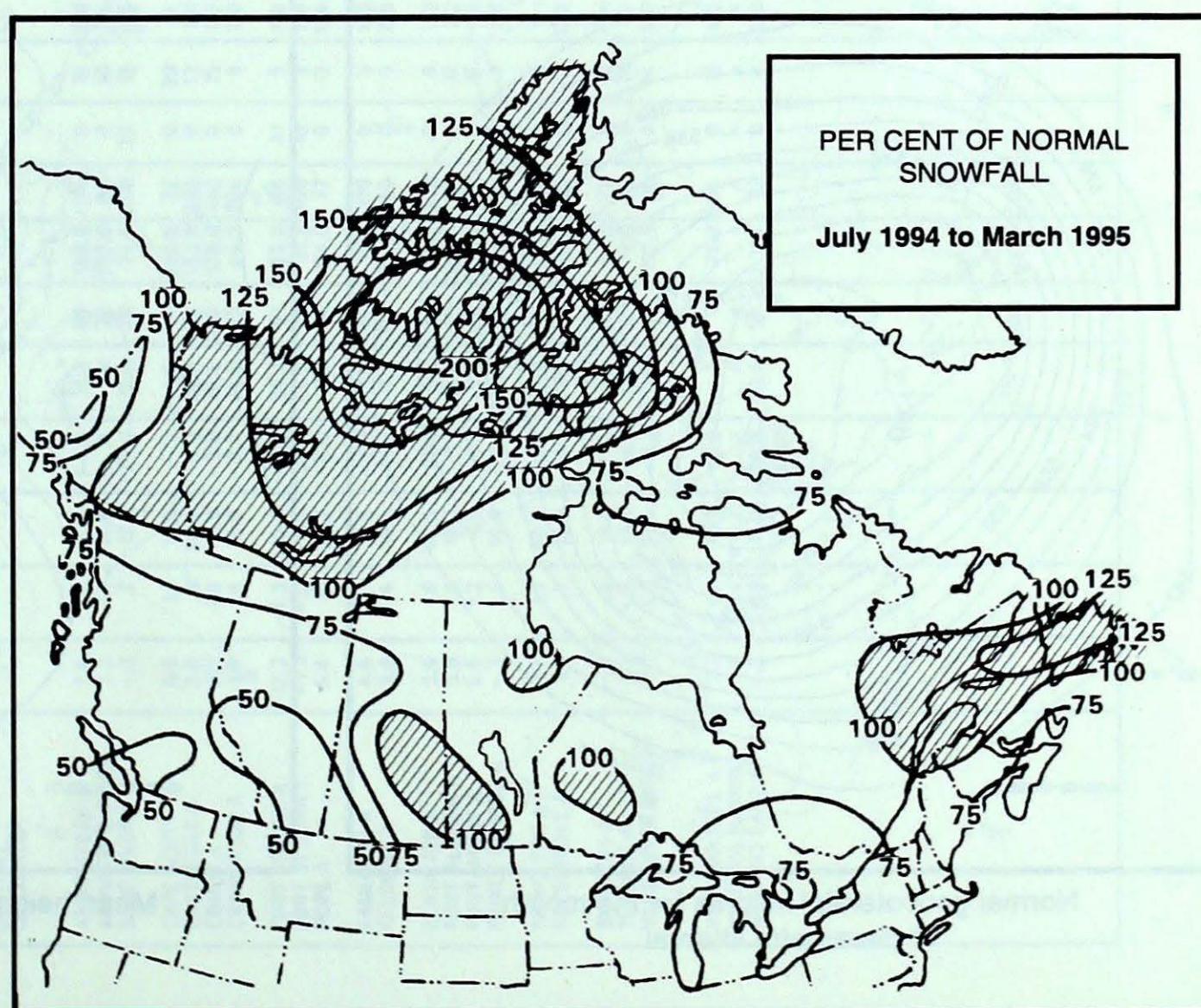
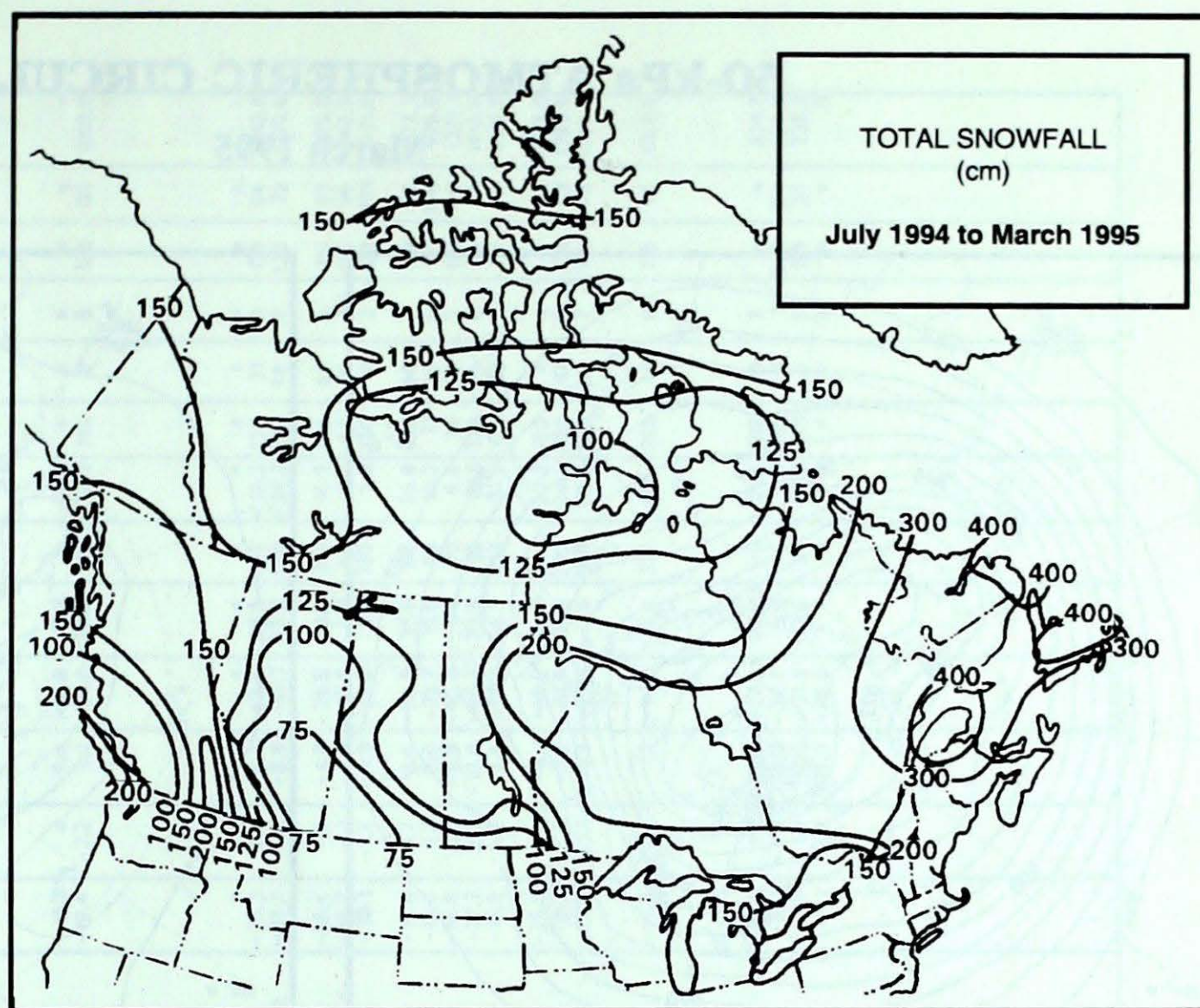
SEASONAL TOTAL OF HEATING DEGREE-DAYS TO END OF MARCH

	1995	1994	NORMAL
BRITISH COLUMBIA			
Kamloops	2929	2931	3271
Penticton	2792	2809	2984
Port Hardy	2642	2594	2879
Vancouver	2218	2271	2454
Victoria	2223	2302	2500
YUKON TERRITORY			
Whitehorse	5625	5412	5909
NORTHWEST TERRITORIES			
Iqaluit	7916	8262	7854
Inuvik	7737	7744	8306
Yellowknife	6435	7235	7184
ALBERTA			
Calgary	4114	4291	4478
Edmonton Mun.	4373	4554	4704
Grande Prairie	5134	4976	5268
SASKATCHEWAN			
Estevan	4514	5195	4727
Regina	5155	5170	5054
Saskatoon	4851	5434	5242
MANITOBA			
Brandon	4937	5547	5276
Churchill	6695	7853	7360
Dauphin	4883	5418	5266
Winnipeg	4697	5295	5116
ONTARIO			
Kapuskasing	4830	5728	5406
London	3164	3744	3484
Ottawa	3606	4352	4037
Sudbury	4150	5028	4590
Thunder Bay	4382	5198	4829
Toronto	3118	3785	3487
Windsor	2783	3344	3114
QUEBEC			
Baie Comeau	4731	5195	4935
Montréal	3599	4237	3907
Québec	4075	4698	4361
Sept-Îles	5027	5434	5035
Sherbrooke	3973	4559	4409
Val-d'Or	4804	5675	5176
NEW BRUNSWICK			
Fredericton	3829	4174	3951
Moncton	3856	4181	3884
NOVA SCOTIA			
Yarmouth	3038	3325	3236
PRINCE EDWARD ISLAND			
Charlottetown	3724	4052	3746
NEWFOUNDLAND AND LABRADOR			
Gander	4071	4374	3962
St. John's	3708	3989	3683



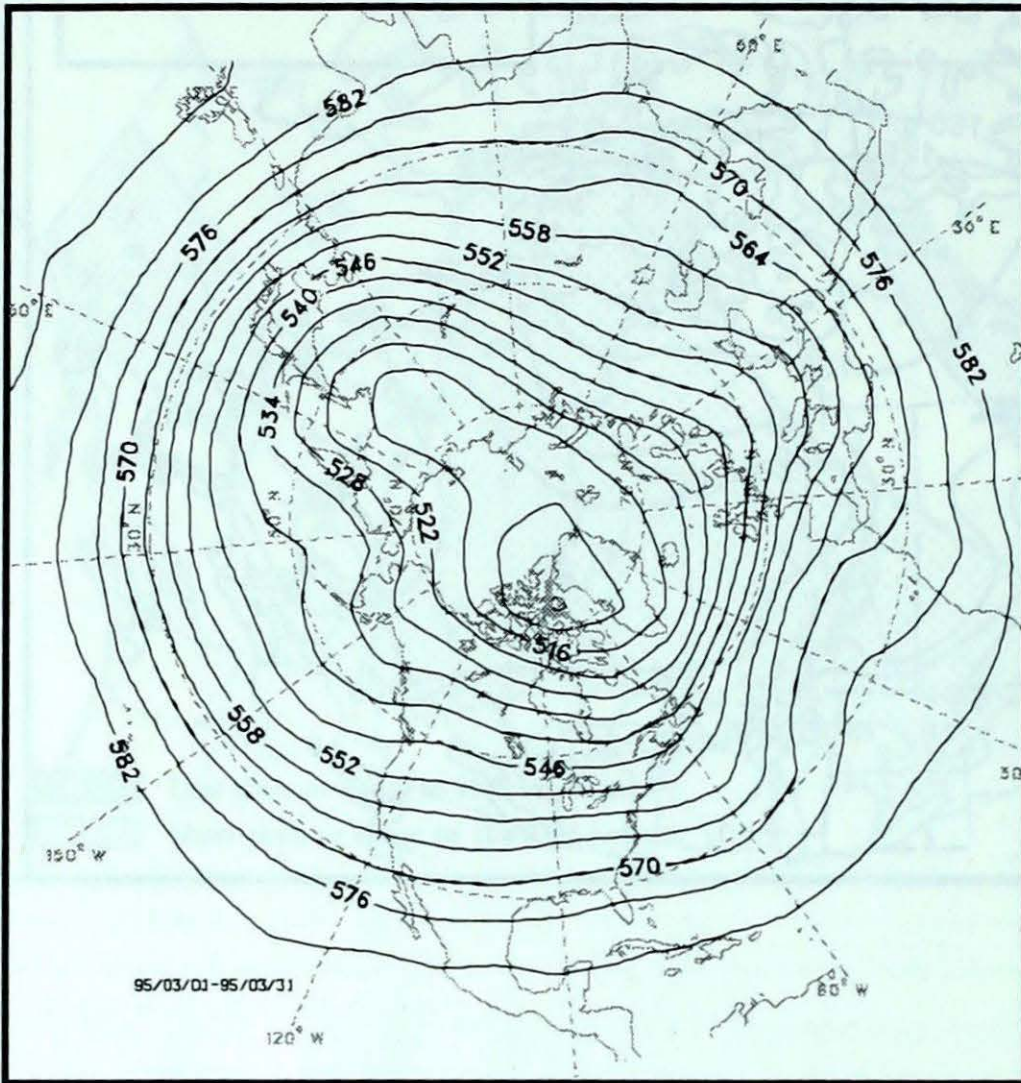
**SEASONAL SNOWFALL TOTALS (cm)
TO END OF MARCH**

	1995	1994	NORMAL
BRITISH COLUMBIA			
Kamloops	33	41	91
Port Hardy	53	37	71
Prince George	158	238	230
Vancouver	26	14	60
Victoria	6	23	50
YUKON TERRITORY			
Whitehorse	147	166	122
NORTHWEST TERRITORIES			
Iqaluit	113	144	129
Inuvik	*	148	145
Yellowknife	175	143	122
ALBERTA			
Calgary	59	72	116
Edmonton Mun.	82	137	117
Grande Prairie	133	103	164
SASKATCHEWAN			
Estevan	91	153	98
Regina	89	106	102
Saskatoon	78	*	102
MANITOBA			
Brandon	133	67	104
The Pas	132	127	145
Winnipeg	82	73	112
ONTARIO			
Kapuskasing	218	212	285
London	138	102	199
Ottawa	149	261	218
Sudbury	148	217	229
Thunder Bay	159	144	193
Toronto	84	105	124
Windsor	90	125	113
QUEBEC			
Baie Comeau	394	308	337
Montréal	186	257	224
Québec	294	411	326
Sept-Îles	462	388	388
Sherbrooke	230	404	289
Val-d'Or	*	267	285
NEW BRUNSWICK			
Fredericton	236	239	268
Moncton	301	314	311
NOVA SCOTIA			
Sydney	212	311	287
Yarmouth	128	288	201
PRINCE EDWARD ISLAND			
Charlottetown	288	336	301
NEWFOUNDLAND AND LABRADOR			
Gander	530	492	342
St. John's	428	305	312

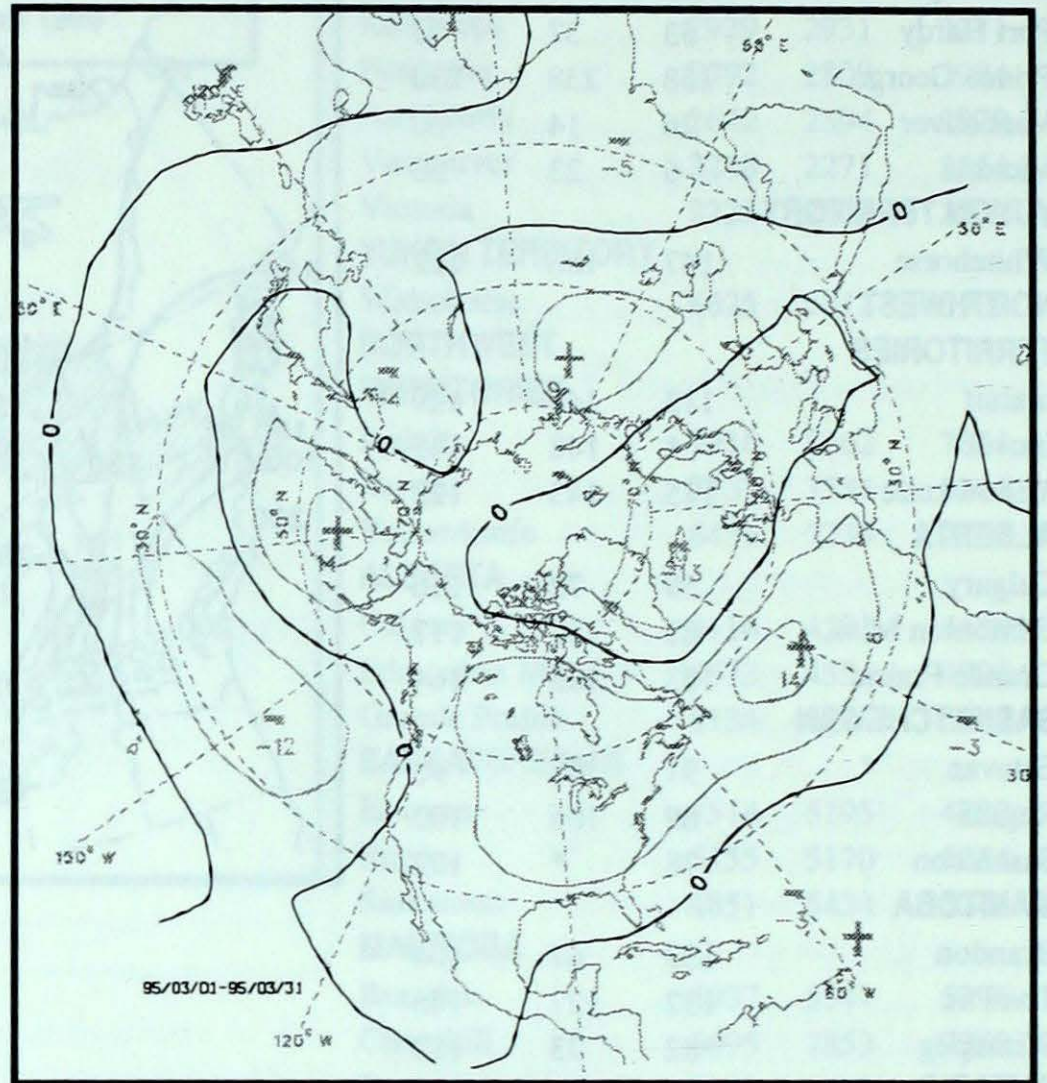


50-kPa ATMOSPHERIC CIRCULATION

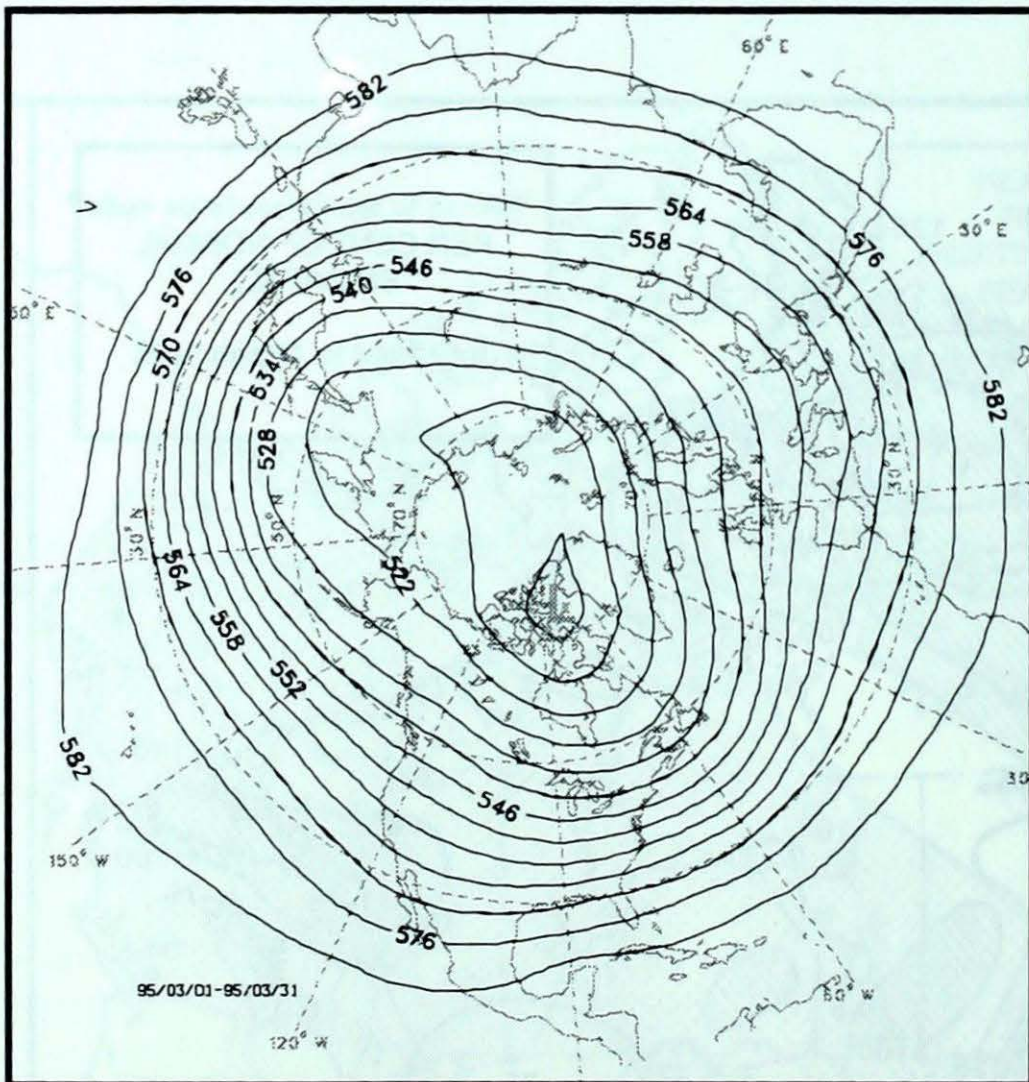
March 1995



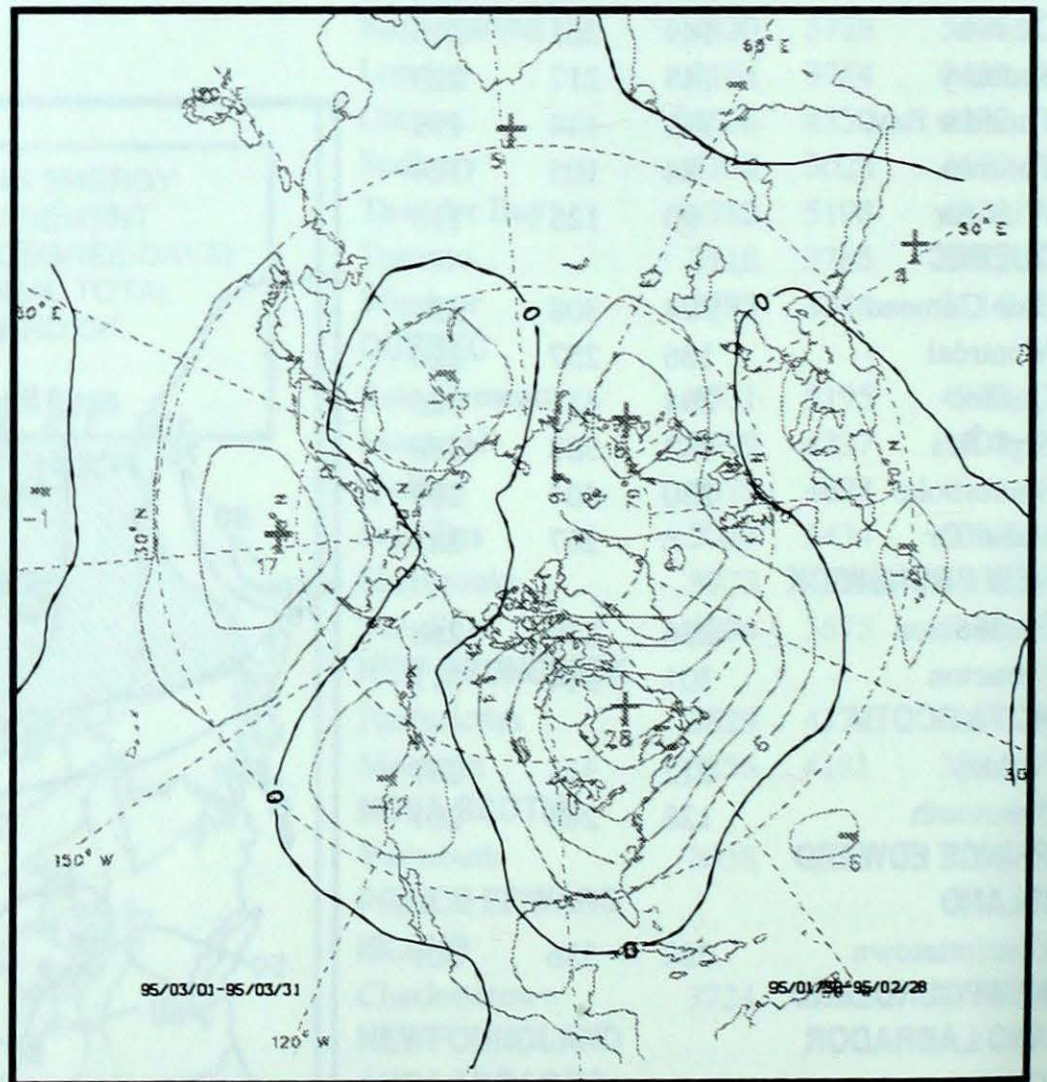
Mean geopotential heights
6-decametre interval



Mean geopotential height anomaly
6-decametre interval



Normal geopotential heights for the month
6-decametre interval



Mean height difference w/r to previous month
6-decametre interval

MARCH 1995

STATION	Temperature C				Snowfall (cm)	% of Normal Snowfall	Total Precipitation (mm)	% of Normal Precipitation	Snow on ground at end of month (cm)	No. of days with Precip 1.0 mm or more	Bright Sunshine (hours)	% of Normal Bright Sunshine	Degree Days below 18 C
	Mean	Difference from Normal	Maximum	Minimum									
BRITISH COLUMBIA													
ABBOTSFORD A	7.4	1.8	22.2	-4.0	11.3	99	158.9	114	0	19	150	134	328.9
AMPHITRITE POINT	7.3	1.1	14.6	-4	1.0	22	287.6	84	0	18	"	"	331.3
BLUE RIVER A	-3	.7	17.5	-23.0	29.0	78	74.4	110	30	12	119	124	"
CAPE SCOTT	6.5	1.1	14.9	-.2	1.6	14	252.6	92	0	20	"	"	353.0
CASTLEGAR A	3.8	.8	20.4	-8.3	20.8	75	133.9	236	0	13	141	114	440.2
COMOX A	6.0	1.0	14.9	-3.8	16.4	159	178.8	160	0	15	127	"	373.4
CRANBROOK A	1.4	.6	18.0	-15.7	14.0	93	44.3	264	0	9	170	103	515.9
FORT NELSON A	-12.3	-2.5	10.9	-32.4	26.7	91	23.0	94	41	5	150	"	938.6
FORT ST JOHN A	-7.1	-.5	8.6	-28.3	36.3	111	31.5	106	16	7	159	"	778.3
HOPE A	6.4	.8	22.2	-6.0	2.2	14	114.0	77	0	12	124	123	359.0
KAMLOOPS A	4.6	1.1	21.5	-12.9	1.8	40	17.4	179	0	5	173	118	414.6
KELOWNA A	3.0	.4	19.2	-14.2	8.0	127	33.8	169	0	9	150	112	465.1
PENTICTON A	3.9	.0	19.5	-10.4	5.0	114	52.2	302	0	9	142	102	435.3
PORT ALBERNI A	5.9	.8	19.2	-7.1	13.8	111	260.1	121	0	17	112	"	374.1
PORT HARDY A	5.6	1.2	4.9	-4.3	5.2	47	115.4	81	0	17	96	95	384.2
PRINCE GEORGE A	-3	1.5	18.9	-23.1	14.0	47	21.8	59	0	7	141	103	566.4
PRINCETON A	2.7	1.7	20.8	-15.6	9.2	70	18.4	97	0	6	171	"	"
REVELSTOKE A	1.5	.7	16.8	-12.8	39.6	126	94.0	135	0	12	130	127	512.3
SMITHERS A	-.8	.5	14.2	-21.5	20.8	93	20.2	79	"	"	"	"	"
TERRACE A	1.3	-.2	13.7	-11.9	31.2	71	74.8	90	0	19	87	80	518.8
VANCOUVER INT'L A	7.1	1.3	17.5	-3.2	1.0	15	110.9	110	0	14	143	111	339.2
VICTORIA INT'L A	7.1	1.4	16.7	-3.2	.4	7	74.4	104	0	12	165	115	336.8
VICTORIA MARINE	"	"	"	"	"	"	"	"	"	"	"	"	"
WILLIAMS LAKE A	.2	1.2	17.5	-25.8	12.6	58	11.7	52	0	4	158	97	553.4

[illegible]

MARCH 1995

STATION	Temperature C				Snowfall (cm)	% of Normal Snowfall	Total Precipitation (mm)	% of Normal Precipitation	Snow on ground at end of month (cm)	No. of days with Precip 1.0 mm or more	Bright Sunshine (hours)	% of Normal Bright Sunshine	Degree Days below 18 C
	Mean	Difference from Normal	Maximum	Minimum									
EDMONTON INT'L A	-4.3	2.4	14.5	-32.6	8.2	44	8.2	51	0	0	192	112	691.2
EDMONTON MUNICIPAL	-2.9	2.1	14.9	-26.8	5.5	*	6.1	33	0	2	204	122	649.0
EDSON A	-3.4	1.3	13.1	-34.4	*	*	*	*	*	*	*	*	.0
FORT MCMURRAY A	-8.0	1.2	12.7	-40.9	23.0	95	23.0	111	10	6	179	109	804.1
GRANDE PRAIRIE A	-7.3	-.1	7.2	-34.7	17.4	75	15.3	74	20	6	168	*	784.3
HIGH LEVEL A	-12.4	-1.4	7.3	-40.0	28.2	134	24.6	125	34	5	148	84	942.9
JASPER	-.9	1.8	16.9	-25.2	7.8	53	9.8	61	0	4	177	*	*
LETHBRIDGE A	-1.2	.9	19.1	-27.0	11.2	42	6.9	29	0	3	213	127	593.0
MEDICINE HAT A	-.7	2.1	17.9	-27.1	12.3	67	25.2	136	0	7	185	114	579.5
PEACE RIVER A	-7.8	.7	9.1	-34.3	13.4	65	13.6	79	14	4	*	*	808.6
RED DEER A	-3.4	2.8	16.2	-24.7	13.0	64	11.4	58	0	2	*	*	644.9
ROCKY MTN HOUSE A	-2.6	2.0	15.9	-30.0	*	*	*	*	*	*	*	*	*
SLAVE LAKE A	-5.1	1.2	9.9	-31.1	*	*	*	*	*	*	*	*	.0
WHITCOURT A	-3.8	2.1	14.0	-30.9	19.4	76	16.7	70	0	5	*	*	675.5
SASKATCHEWAN													
ESTEVAN A	-4.6	1.3	10.1	-30.4	22.2	128	37.2	193	0	8	121	65	698.8
KINDERSLEY	-3.7	2.9	15.3	-27.9	21.2	145	21.6	147	5	5	144	*	673.5
LA RONGE A	-9.6	1.1	12.0	-41.8	18.7	85	23.1	125	27	10	*	*	861.3
MEADOW LAKE A	-5.7	*	10.6	-37.5	29.4	*	26.0	*	15	9	143	*	818.8
MOOSE JAW A	-3.0	2.6	19.4	-28.8	21.7	117	33.5	191	5	9	106	64	649.8
NIPAWIN A	-9.1	*	6.3	-36.5	39.4	*	54.4	*	32	8	129	*	841.4
NORTH BATTLEFORD A	-6.1	2.5	15.4	-32.7	25.8	123	24.8	120	10	2	*	*	746.6
PRINCE ALBERT A	-8.4	1.9	8.5	-36.6	24.5	124	28.9	151	8	5	129	78	818.5
REGINA A	-4.3	3.5	12.5	-28.3	21.6	118	55.6	312	0	11	113	73	689.8
SASKATOON A	-6.0	2.6	13.5	-32.9	23.0	124	30.0	163	1	4	130	*	745.5
SWIFT CURRENT A	-2.7	3.0	16.5	-27.5	*	*	25.2	125	*	*	*	*	642.2
WYNYARD	-7.1	1.6	9.0	-29.5	*	*	68.0	297	*	*	*	*	777.2
YORKTON A	-8.0	1.6	8.6	-35.5	49.4	189	64.2	246	7	10	116	70	807.1
MANITOBA													
BRANDON A	-7.8	.9	6.5	-34.4	38.2	193	60.4	302	9	9	121	*	799.0
CHURCHILL A	-17.4	3.0	10.5	-39.8	*	*	6.4	35	*	*	*	*	1098.2
DAUPHIN A	-7.7	1.4	10.2	-32.2	*	*	91.8	375	*	*	*	*	797.7
GILLAM A	-13.8	2.7	7.7	-42.6	14.0	45	11.2	57	48	2	*	*	987.5
GIMLI	-6.1	*	7.4	-34.7	*	*	14.8	*	*	*	*	*	748.4

STATION	Temperature C				Snowfall (cm)	% of Normal Snowfall	Total Precipitation (mm)	% of Normal Precipitation	Snow on ground at end of month (cm)	No. of days with Precip 1.0 mm or more	Bright Sunshine (hours)	% of Normal Bright Sunshine	Degree Days below 18 C
	Mean	Difference from Normal	Maximum	Minimum									
ISLAND LAKE	-9.1	2.9	10.9	-41.6	*	*	29.2	93	*	*	*	*	841.5
LYNN LAKE A	-12.4	2.3	7.5	-42.2	14.8	59	12.1	79	20	2	151	81	942.4
NORWAY HOUSE A	-9.6	*	11.4	-40.2	33.0	*	34.4	*	11	8	*	*	856.1
PORTAGE LA PRAIRIE	-5.9	1.5	7.6	*	*	*	101.5	372	*	*	*	*	740.6
THE PAS A	-9.1	2.1	8.8	-38.3	42.0	148	33.6	142	12	7	136	78	838.9
THOMPSON A	-12.0	2.2	10.7	-44.8	6.2	21	4.6	22	20	2	168	86	928.7
WINNIPEG INT'L A	-5.1	3.1	9.9	-32.1	8.0	38	28.5	126	0	8	97	55	717.6
ONTARIO													
EARLTON A	-4.9	2.7	14.4	-31.5	37.6	85	46.0	79	2	8	*	*	711.1
GERALDTON A	-7.7	*	16.6	-36.6	28.6	*	32.4	*	6	6	*	*	795.6
HAMILTON RBG	2.7	*	21.6	-14.0	6.0	*	33.4	*	0	5	175	*	*
HAMILTON A	1.9	2.7	20.2	-14.5	*	*	*	*	*	*	*	*	*
KAPUSKASING A	-6.7	2.7	18.6	-34.4	25.0	53	39.6	71	2	10	*	*	769.2
KENORA A	-4.1	3.0	12.0	-30.9	11.6	39	17.8	59	*	6	*	*	683.5
KINGSTON A	.5	2.1	12.1	-19.5	13.0	40	47.8	56	0	8	173	122	544.1
LONDON A	1.3	2.2	19.8	-16.3	9.6	34	63.4	84	0	9	147	122	521.1
MUSKOKA A	-.5	3.3	17.9	-24.8	21.2	57	47.8	72	0	8	*	*	574.4
NORTH BAY A	-2.4	2.9	15.0	-23.8	27.2	71	39.4	64	0	9	174	117	631.1
OTTAWA INT'L A	.7	3.7	17.7	-19.7	11.0	31	29.9	44	0	6	181	123	537.0
PETAWAWA A	-1.2	3.1	19.2	-23.5	24.0	80	53.1	80	0	8	*	*	595.6
PETERBOROUGH A	.7	3.2	20.6	-20.6	8.8	38	33.0	46	0	7	*	*	536.4
PICKLE LAKE	-6.7	4.0	14.4	-34.2	19.6	51	30.4	73	1	5	*	*	763.4
RED LAKE A	-5.6	3.1	13.1	-36.6	12.6	52	15.2	53	*	4	138	*	736.4
ST CATHARINES A	2.9	1.8	20.3	-12.0	3.6	20	31.6	39	0	6	172	*	466.0
SARNIA A	1.8	1.5	21.7	-13.5	2.8	13	51.2	76	0	5	152	119	502.4
SAULT STE MARIE A	-2.7	2.2	18.3	-29.2	39.3	130	45.6	78	0	6	134	89	642.3
SIOUX LOOKOUT A	-5.1	3.2	12.8	-33.9	16.6	52	18.4	53	2	6	*	*	716.5
SUDBURY A	-3.3	2.7	14.3	-23.4	41.0	117	51.4	93	0	6	155	102	659.5
THUNDER BAY A	-4.5	1.8	15.2	-30.2	9.1	27	12.8	28	*	6	148	86	697.8
TIMMINS A	-6.0	2.4	19.9	-29.2	41.6	77	52.7	89	3	11	*	*	741.8
TORONTO	3.4	*	19.4	-12.7	4.6	*	37.6	*	0	5	*	*	454.2
TORONTO INT'L A	1.9	2.9	20.9	-13.2	8.0	36	50.8	83	*	7	*	*	498.1
TRENTON A	1.7	2.7	18.0	-15.8	6.2	23	32.0	44	0	7	*	*	506.7
WATERLOO WELLINGTON	1.1	3.0	19.7	-17.3	14.2	59	51.0	62	*	6	*	*	523.7
WAWA A	-4.8	*	12.8	-28.8	30.6	*	50.2	*	*	7	*	*	684.1
WIARTON A	-.5	2.3	16.6	-20.4	.0	0	43.8	67	0	5	173	126	572.4
WINDSOR A	3.0	1.8	20.0	-11.6	7.6	38	54.2	76	0	6	*	*	463.2

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	Mean	Difference from Normal	Maximum	Minimum									
QUEBEC													
BAGOTVILLE A	-5.0	1.5	7.3	-28.2	90.3	189	117.2	228	49	13	*	*	713.4
BAIE COMEAU A	-6.7	.0	5.1	-31.4	106.0	175	132.6	171	73	12	116	77	766.7
BLANC SABLON A	-9.1	-3.3	.8	-25.3	135.2	163	136.6	121	50	14	111	*	838.8
CHIBOUGAMAU CHAPAIS	-8.0	*	14.0	-33.7	*	*	62.6	*	*	11	*	*	804.6
GASPE A	-10.4	*	7.0	-26.5	123.0	*	148.0	*	136	12	115	*	7419.5
KUUJUAQ A	-19.3	-1.6	-1.1	-38.6	21.4	80	21.4	82	260	5	178	108	1156.0
KUUJUARAPIK A	-15.7	1.4	7.2	-41.7	3.2	16	6.6	31	8	2	16	10	1044.6
LA GRANDE IV A	-13.3	*	10.2	-44.1	5.8	*	5.2	*	13	3	197	*	969.4
LA GRANDE RIVIERE A	-12.0	*	11.2	-38.0	3.2	*	3.2	*	14	2	190	*	929.6
MONT JOLI A	-5.9	-.9	-4.8	-25.4	90.2	143	102.8	143	66	130	97	75	742.6
MONTREAL INT'L A	-.4	2.1	12.0	-22.9	25.6	72	45.9	62	0	10	148	96	570.3
MONTREAL MIRABEL I/	-1.3	*	12.7	-23.5	24.8	*	49.6	*	0	8	*	*	596.5
NATASHQUAN A	-7.9	-1.7	-3.2	-12.6	132.0	230	139.0	172	124	14	125	88	805.0
QUEBEC A	-3.4	1.1	8.5	-22.3	45.8	85	86.2	105	39	13	116	83	661.3
ROBERVAL A	-5.8	1.1	8.1	-27.4	70.7	120	98.1	161	2	10	137	*	738.0
SEPT-ILES A	-7.8	-1.2	5.0	-31.6	128.8	184	123.6	149	71	13	0	0	*
SHERBROOKE A	-1.5	2.5	10.4	-28.1	32.2	61	78.0	98	0	11	121	*	604.5
ST HUBERT A	-.9	1.5	12.1	-22.7	19.6	*	42.0	53	0	9	140	*	583.7
VAL D'OR A	-5.5	2.8	17.6	-31.6	45.4	95	50.0	85	0	9	152	97	729.5
NEW BRUNSWICK													
CHARLO A	-5.2	.3	7.7	-25.3	106.2	140	125.8	137	97	9	120	81	718.7
FREDERICTON A	-2.1	.3	11.8	-25.9	20.3	42	74.7	88	2	8	*	*	621.9
MONCTON A	-3.3	-.4	13.5	-22.7	47.6	70	84.8	76	3	12	107	77	658.5
SAINT JOHN A	-2.5	.0	10.9	-25.4	14.6	29	55.4	49	0	10	*	*	634.0

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	Mean	Difference from Normal	Maximum	Minimum									
NOVA SCOTIA													
GREENWOOD A	-.4	.5	16.5	-17.9	21.0	44	35.8	43	0	8	*	*	570.1
HALIFAX INT'L A	-1.7	-.1	12.8	-14.7	18.7	41	48.8	38	0	12	*	*	611.6
SABLE ISLAND	.7	.0	9.4	-7.5	11.6	41	98.4	85	0	8	88	75	536.0
SHEARWATER A	-1.1	-.3	11.0	-13.8	17.3	44	50.7	43	0	8	107	73	593.8
SYDNEY A	-2.5	.0	10.3	-22.3	15.6	24	64.6	49	0	11	92	73	635.6
YARMOUTH A													
YARMOUTH A	.1	-.2	12.0	-11.2	13.8	42	51.0	52	0	9	124	91	555.4
PRINCE EDWARD ISLAND													
CHARLOTTETOWN A	-3.5	-.4	11.7	-20.2	41.2	67	44.9	47	6	12	*	*	664.1
NEWFOUNDLAND													
BONAVISTA	-3.4	-.7	9.6	-15.3	57.8	147	146.2	167	13	14	*	*	663.9
BURGO	-2.7	-.1	6.0	-12.6	13.9	29	78.4	52	9	11	*	*	640.9
CARTWRIGHT	-11.3	-3.2	1.7	-29.2	118.6	138	130.6	140	233	14	120	96	891.3
COMFORT COVE	-5.2	-1.6	8.8	-18.0	80.8	117	106.2	106	119	15	*	*	719.3
DANIELS HARBOUR	-5.9	-1.4	5.0	-22.0	5.8	9	75.2	99	35	11	105	91	593.9
DEER LAKE A	-6.0	-1.5	8.8	-28.3	65.0	120	109.5	138	63	13	*	*	743.5
GANDER INT'L A	-4.8	-1.3	8.0	-18.7	112.4	155	143.0	130	64	18	106	102	705.7
GOOSE A	-11.6	-3.0	3.1	-29.5	110.6	148	90.2	125	59	10	130	101	918.5
MARY'S HARBOUR	-9.4	-2.9	5.0	-28.6	90.5	120	121.7	134	179	13	*	*	846.6
ST ANTHONY	-8.2	-1.5	2.5	-25.1	192.5	311	202.9	194	238	15	*	*	816.2
ST JOHN'S A	-3.1	-.8	11.4	-15.7	51.8	80	148.0	112	2	17	111	*	653.3
ST LAWRENCE	-2.1	-.3	8.8	-12.3	3.1	7	89.5	76	8	11	*	*	588.9
STEPHENVILLE A	-3.5	-.7	9.0	-20.9	30.4	52	84.1	103	34	14	121	*	672.2
WABUSH LAKE A	-14.5	-.7	4.7	-41.6	45.4	*	44.4	78	56	7	159	*	1006.5

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	Mean	Difference from Normal	Maximum	Minimum							This month	Since Jan. 1st
BRITISH COLUMBIA												
AGASSIZ	7.4	1.3	22.0	-4.0	1.8	140.2	95	0	17	144	91.0	183.1
SUMNERLAND	8.8	8.8	8.8	8.8	8.8	8.8	88	888	888	88	8.8	8.8
ALBERTA												
BEAVER LODGE	-6.1	.0	10.0	-34.5	20.5	21.3	87	20	6	167	.0	.0
LACOMBE	-3.7	2.3	15.5	-31.7	7.0	7.0	37	0	1	88	1.9	1.9
SASKATCHEWAN												
INDIAN HEAD	-6.3	1.6	11.0	-32.0	16.1	53.7	246	0	10	88	.0	.0
MELFORT	-8.5	1.7	7.0	-35.5	38.5	40.3	226	48	6	103	.0	.0
SCOTT	-6.4	2.5	14.0	-33.0	3.8	19.3	102	0	5	116	1.0	1.0
SWIFT CURRENT	-2.8	1.9	16.6	-26.3	17.6	27.7	180	0	6	163	1.5	1.6
MANITOBA												
BRANDON	-7.1	1.3	9.2	-34.9	45.3	64.5	274	14	8	88	.0	.0
MORDEN	-5.5	3.5	8.0	-28.0	15.8	28.6	120	2	6	91	.0	.0
GLENLEA	-5.5	1.2	10.5	-32.0	2.0	26.5	94	0	11	92	1.3	1.3
ONTARIO												
DELHI	2.3	2.6	21.5	-16.0	2.0	43.9	52	0	5	88	32.5	49.7
ELORA	.4	3.1	18.9	-17.6	.4	38.8	52	0	6	88	22.7	26.2
HARROW	2.5	1.3	19.5	-14.0	1.0	21.4	29	0	5	136	24.8	37.5
KAPUSKASING	-6.4	3.2	15.0	-37.0	31.3	40.2	74	0	7	143	1.2	1.2
OTTAWA	.7	3.6	17.4	-20.6	8.4	26.8	45	0	7	181	29.5	30.6
SMITHFIELD	2.7	4.1	21.7	-16.2	9.5	24.8	29	0	5	88	25.9	35.0

Courtesy of Agriculture Canada

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	Mean	Difference from Normal	Maximum	Minimum							This month	Since Jan. 1st
QUEBEC												
LA POCAIERE	-4.5	-.1	6.5	-24.0	43.0	87.4	130	45	14	108	.0	.0
L'ASSOMPTION	-1.2	2.5	10.9	-26.3	11.6	55.9	80	0	16	139	.3	.9
NORMANDIN	-7.2	1.5	8.0	-35.6	8.8	93.3	157	25	12	138	.0	.0
NEW BRUNSWICK												
FREDERICTON	-1.5	1.0	12.0	-26.5	22.3	78.5	97	1	9	121	2.5	5.0
NOVA SCOTIA												
KENTVILLE	-.6	.4	14.5	-17.0	18.9	40.4	41	0	10	117	16.8	34.4
HAPPAN	-1.8	.5	13.0	-25.0	20.4	57.1	64	2	8	100	6.7	10.5
PRINCE EDWARD ISLAND												
CHARLOTTETOWN	8.8	8.8	8.8	8.8	8.8	8.8	88	888	888	88	8.8	8.8
NEWFOUNDLAND												
ST. JOHN'S WEST	-2.4	-.4	11.5	-16.0	44.6	147.6	98	2	14	100	4.3	4.3

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