

## Canadian climate summary

VOL: 3

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# Summary ↗

December 1998

*Monthly review of Canadian climate and water*

vol. 3

December concludes warmest year ever measured in Canada. The 1998 national average temperature is 2.5°C above the 1951-1980 normal. Every month in 1998 has had above normal, national average temperatures with 6 of those months having broken records.

The lowest temperature for the month, -50.0°C, occurs on the 29th at Pelly Ranch.

Dec 28 - A high avalanche hazard closes several interior roads in British Columbia. Included in the closure is the Trans-Canada Highway along the Fraser canyon. Recent days heavy snowfall and mild temperatures have forced officials to undertake avalanche-control work in the area.

Dec 1st & 5th - Winds gusting 80-90 km/h force the cancellation of ferry services to Vancouver Island.

The first half of the month proves to be exceptionally mild and relatively snow-free for many parts of the country. Rounds of golf are still being enjoyed by enthusiasts in communities such as Calgary and London where courses are normally frozen and snow covered. In Kelowna, black bears are still roaming about in this second week of December. A lack of wintery white in cities such as Regina and Montreal is believed by retailers to be responsible for putting consumers in their non-spending mood. Overall, sales of winter apparel are down for the country. In other areas, black ice becomes almost a daily occurrence as the combination of warm, moist daytime air and sub-zero overnight temperatures leads to the dangerous conditions. Niagara Peninsula icewines are at risk as mounting losses and the continual warmth encourages some producers to pick the grapes before it is time. Temperatures attain more seasonable values as a series of cold fronts cross the country on the 17th and 18th of the month.

## CLIMATIC HIGHLIGHTS

December 1998

Dec 18 - Rain, snow and high winds hit the Maritime provinces, causing at least six highway fatalities, and the closing of schools and highways. Southern New Brunswick receives the heaviest snowfall amounts (20 - 30 cm). Nova Scotia and PEI are blanketed with snow (5-15 cm), and rain (15-40 mm). Halifax receives 37.2 mm of rain and 6.8 cm of snow. Strong winds, gusting to 112 km/h, force the closure of Confederation Bridge.

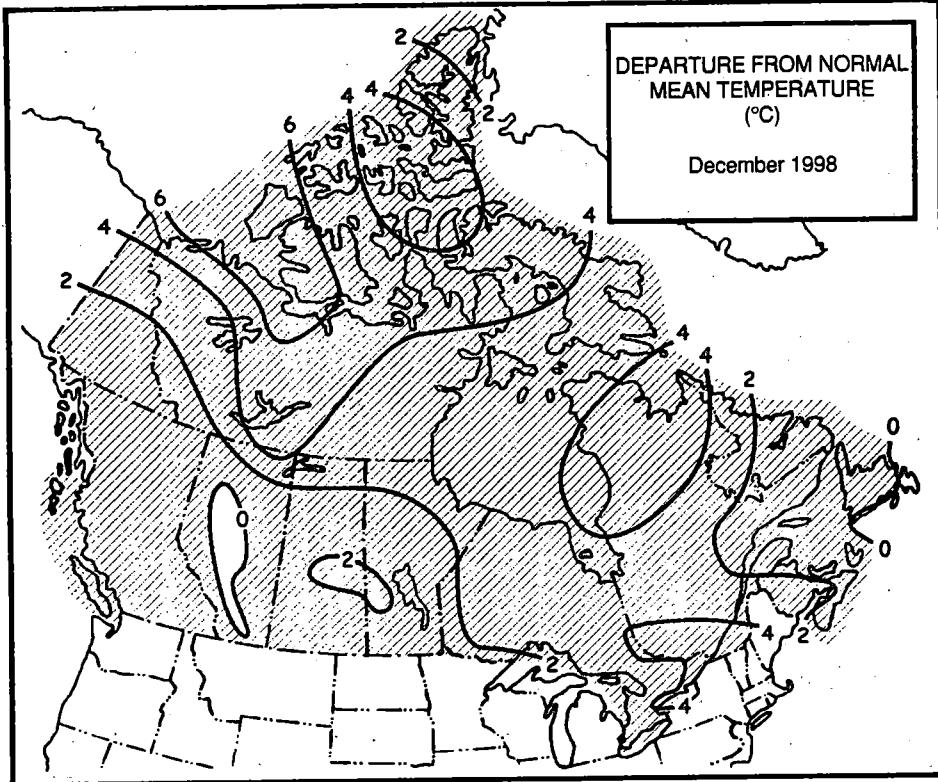
Dec 19 - Eastern Ontario and Western Quebec get their first major snowfall for the season. Emergency services are swamped as over 300 weather-related accidents occur in the Ottawa area alone.

The highest temperature for the month, 20.5°C, occurs at St. Catharines, on the 6th.

Low water levels continue to plague the great lakes. Lake Superior is at lowest level since 1926 and generating stations on St. Mary's River experience 30% cut to their water supply. St. Lawrence ships are forced to carry lighter loads.

Environment Environment  
Canada Canada

Canada



## CANADIAN CLIMATE SUMMARY VOLUME 3

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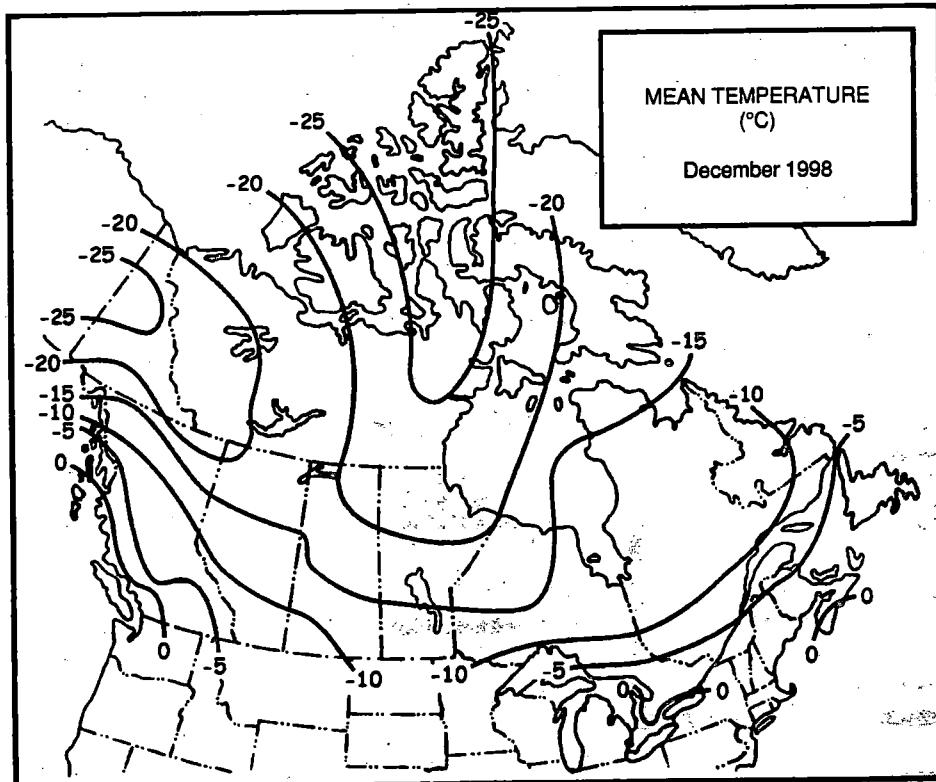
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## Weather Extremes, December 1998

		Maximum temperature (°C)		Minimum temperature (°C)		Greatest precipitation (mm)
<b>British Columbia</b>	PAM ROCKS	15.9		BLUE RIVER	-40.3	HENDERSON LAKE 1546.6
<b>Yukon Territory</b>	TESLIN	6.7		PELLY RANCH	-50.0	KLONDIKE 41.1
<b>Northwest Territories</b>	PANGNIRTUNG	6.7		TULITA	-44.0	FORT LIARD 55.7
<b>Alberta</b>	MEDICINE HAT	16.1		KAKWA	-42.4	BEAVER MINES 80.4
<b>Saskatchewan</b>	GOLDEN PRAIRIE	16.5		KEY LAKE	-42.9	CARNDUFF 65.0
<b>Manitoba</b>	KILLARNEY	13.0		THOMPSON	-41.4	BRANDON 42.0
<b>Ontario</b>	ST. CATHARINES	20.5		CHAPLEAU	-37.4	TARA 145.8
<b>Quebec</b>	STE CLOTHILDE	18.7		LAC BENOIT	-42.2	FORET MONTMORENCY 132.1
<b>New Brunswick</b>	GAGETOWN	16.0		ST. LEONARD	-28.9	ALMA 114.4
<b>Nova Scotia</b>	BRIDGEWATER	18.0		MALAY FALLS	-21.0	SABLE ISLAND 140.5
<b>Prince Edward Island</b>	MONTICELLO	14.0		CHARLOTTETOWN	-19.5	O'LEARY 80.8
<b>Newfoundland</b>	LONG HARBOUR	15.5		WABUSH LAKE	-33.8	WEST ST. MODESTE 205.5

### Across The Country...

**Highest Monthly Mean Temperature**

VICTORIA UNIVERSITY BC 7.1 °C

**Lowest Monthly Mean Temperature**

ALERT NWT -29.1 °C

**Highest Temperature**

ST. CATHARINES ONT 20.5 °C

**Lowest Temperature**

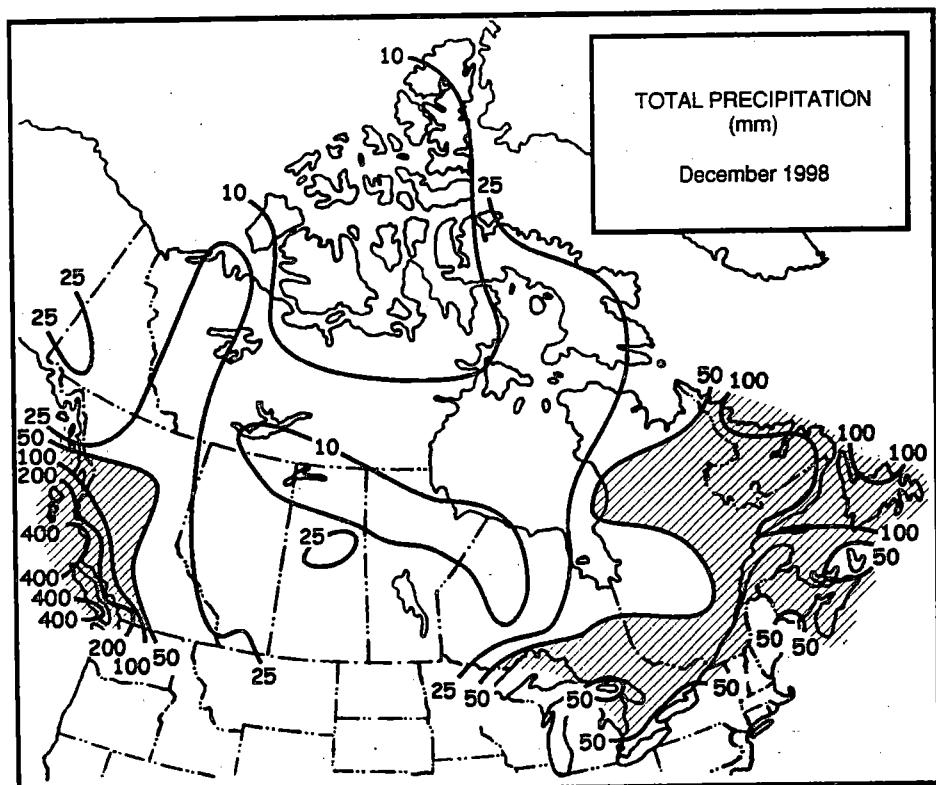
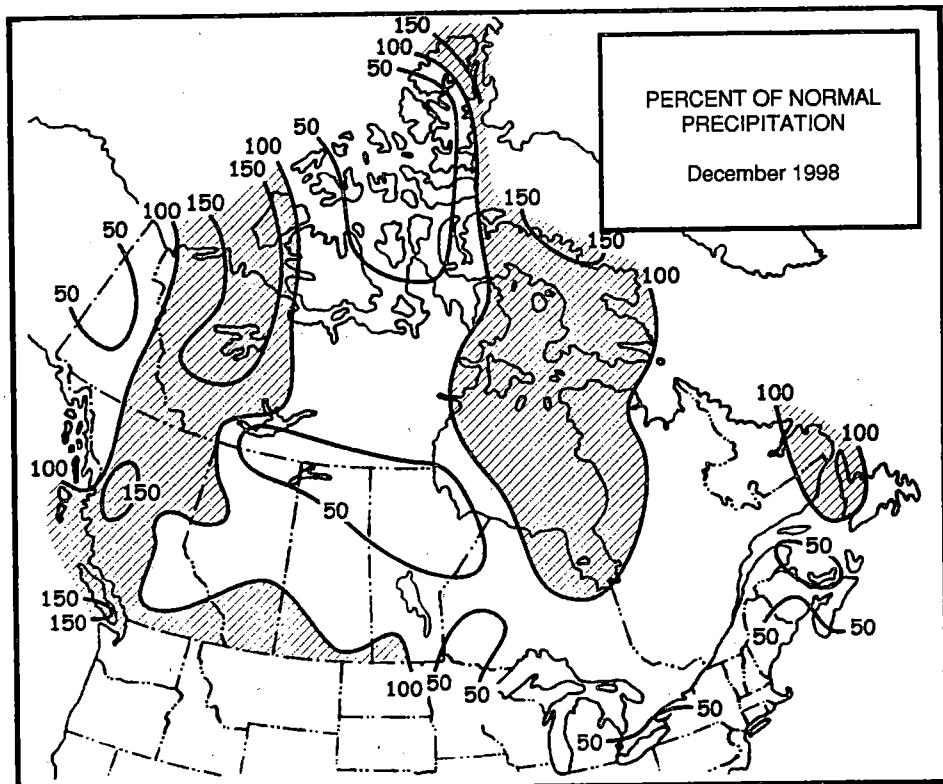
PELLY RANCH YT -50.0 °C

**Heaviest Monthly Precipitation**

HENDERSON LAKE BC 1546.6 mm

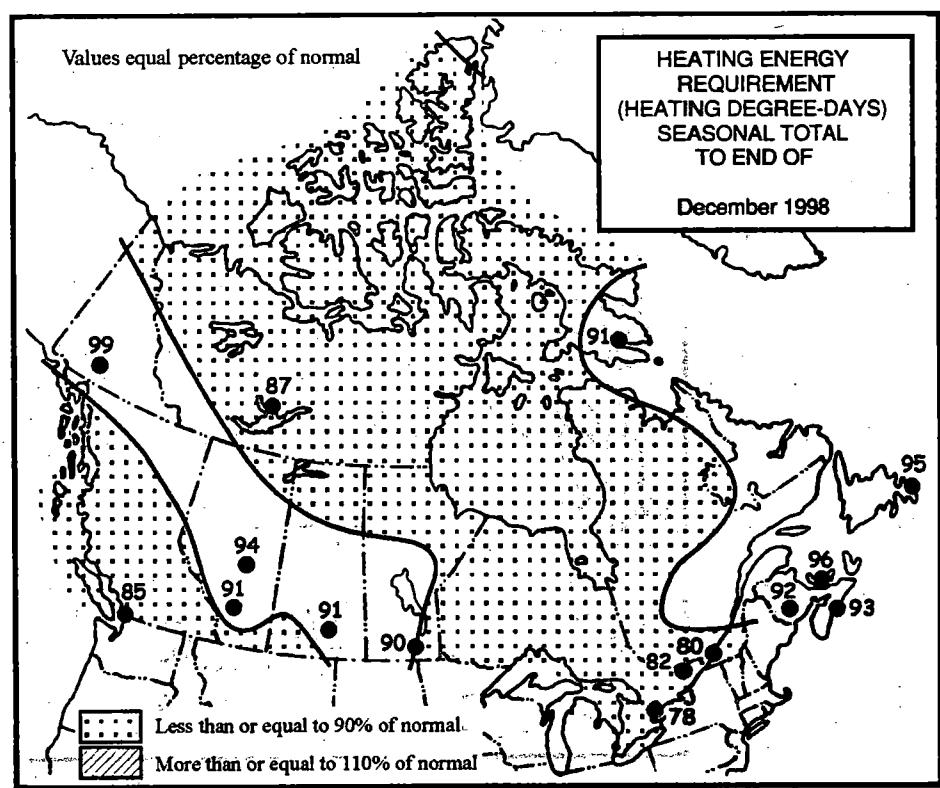
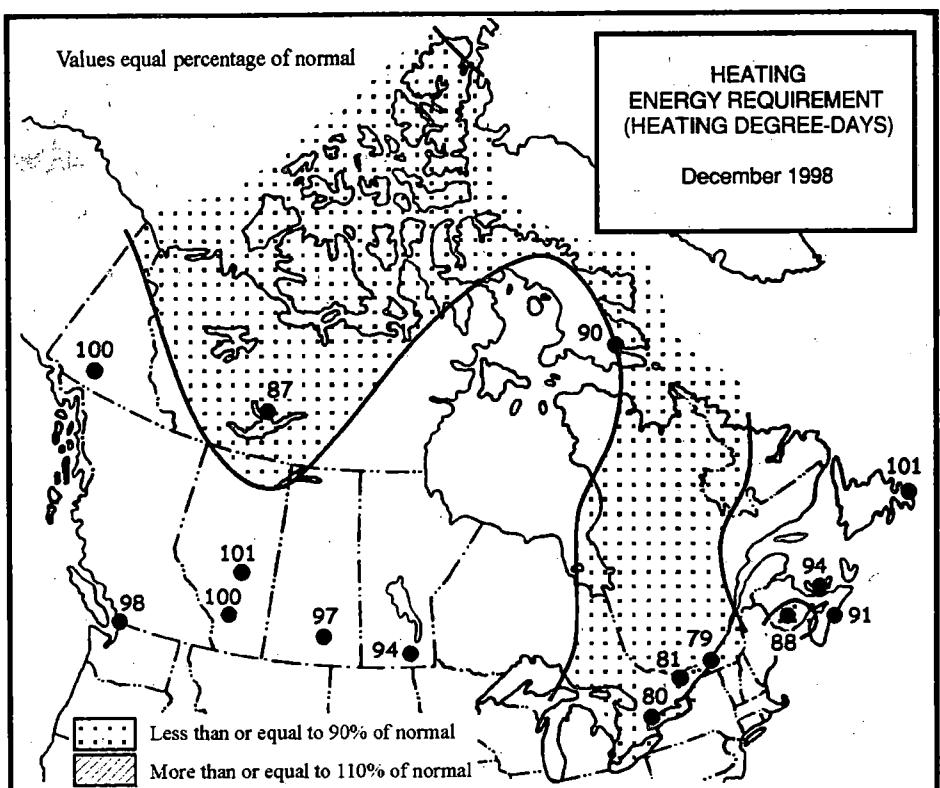
**Greatest Number of Bright Sunshine Hours**

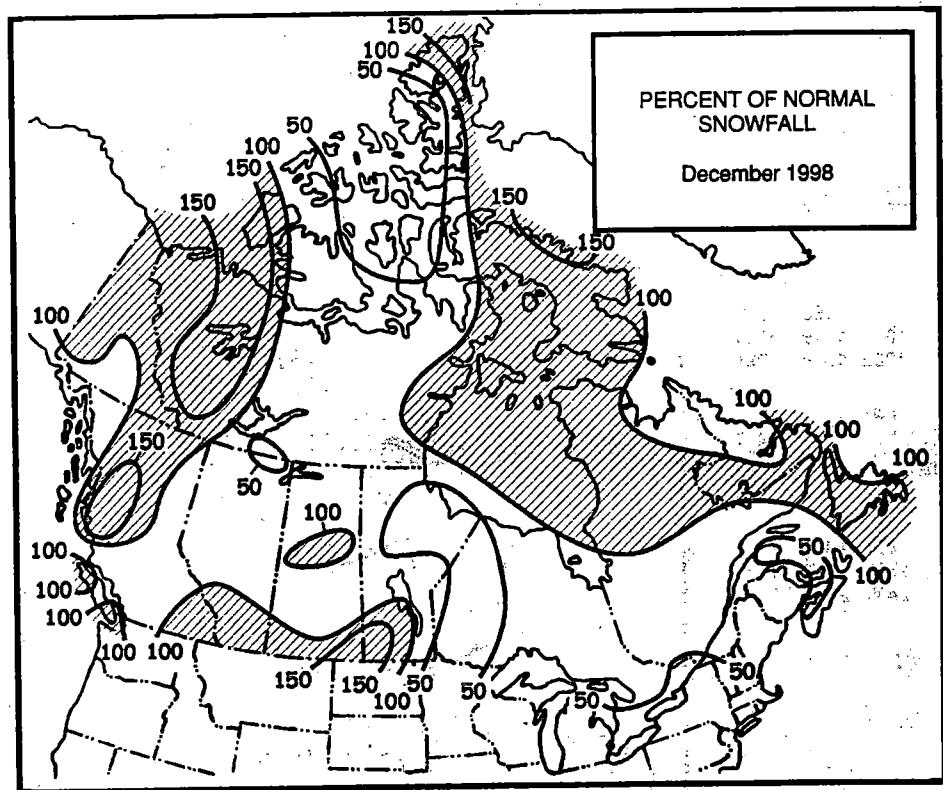
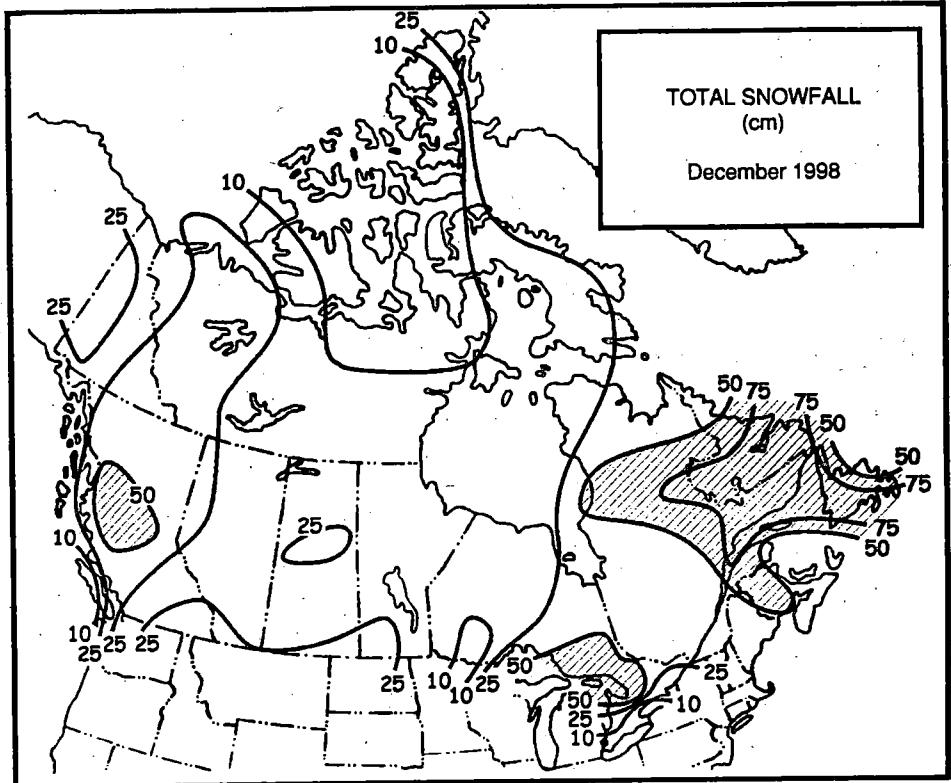
ESTEVAN SASK 134.3 hrs

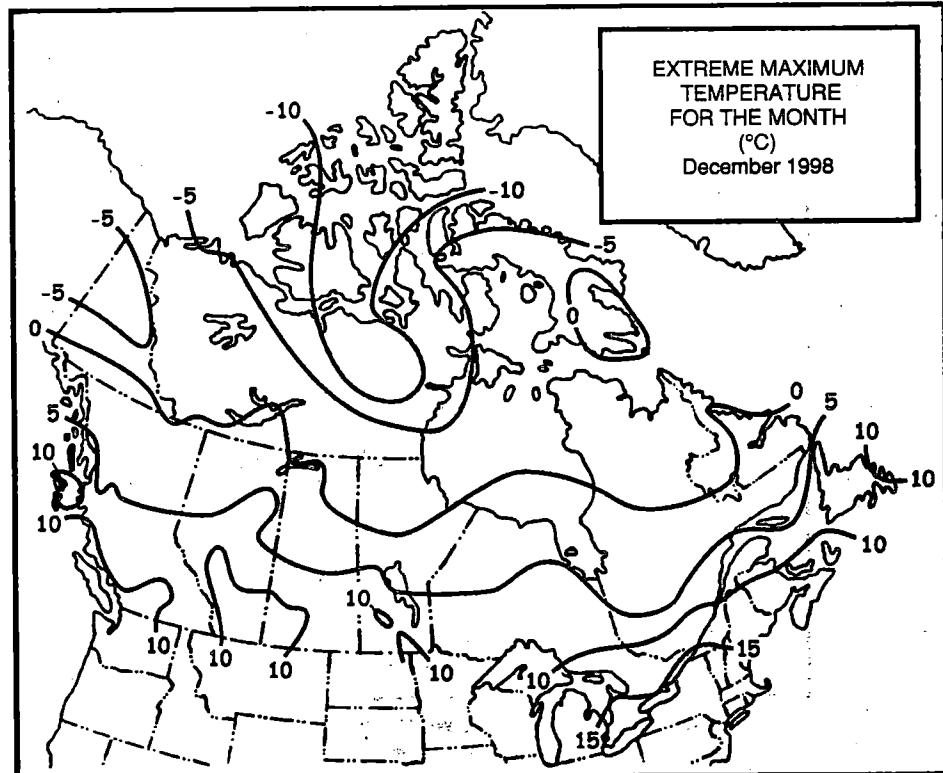
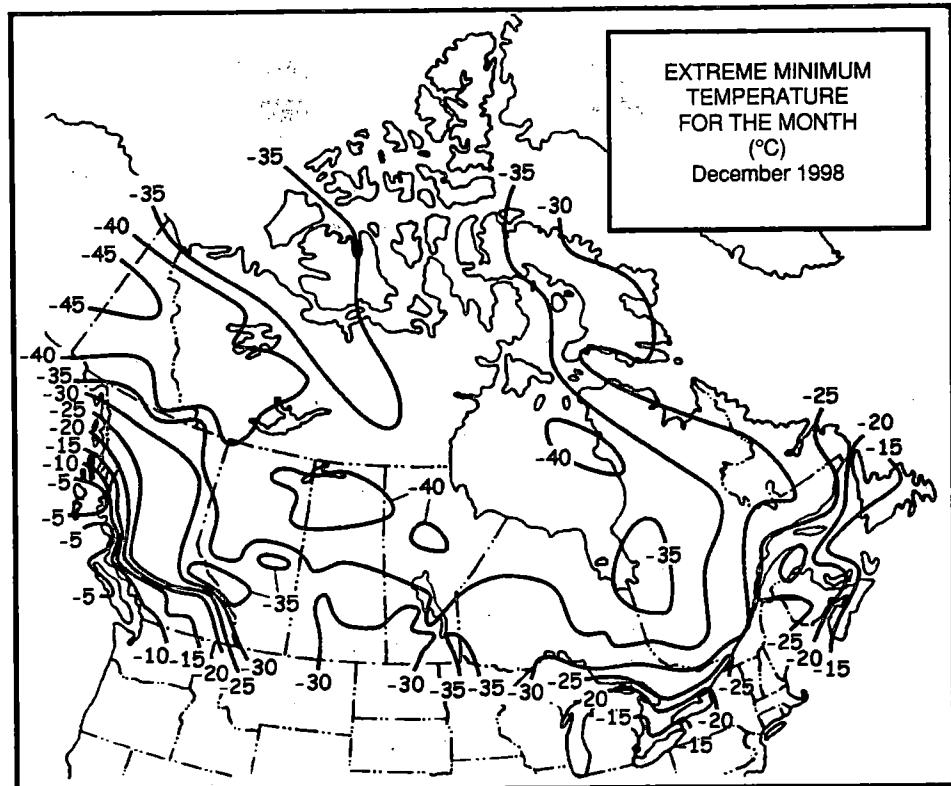


SEASONAL TOTAL OF HEATING  
DEGREE-DAYS TO END OF DECEMBER

	1998	1997	Normal
<b>British Columbia</b>			
VICTORIA INT'L A	1091	1084	1311
PRINCE GEORGE A	2058	1990	2316
VANCOUVER INT'L A	1058	1054	1248
PENTICTON A	1253	1334	1464
KAMLOOPS A	*	1344	1575
<b>Yukon Territory</b>			
DAWSON	*	*	*
WATSON LAKE A	*	3100	3418
<b>North West Territories</b>			
INUVIK A	*	*	4191
IQALUIT A	*	*	4022
RESOLUTE A	*	5464	5392
<b>Alberta</b>			
EDMONTON INT'L A	2346	1981	2493
CALGARY INT'L A	2008	1948	2210
MEDICINE HAT A	1715	*	1967
PEACE RIVER A	2526	2315	2740
<b>Saskatchewan</b>			
MOOSE JAW A	*	1785	2177
REGINA A	*	*	2354
PRINCE ALBERT A	2394	*	2667
SASKATOON A	*	2063	2450
<b>Manitoba</b>			
BRANDON A	2232	2100	2422
WINNIPEG INT'L A	*	2036	2321
CHURCHILL A	*	*	3572
LYNN LAKE A	2931	2924	3292
THOMPSON A	2942	2983	3259
<b>Ontario</b>			
KENORA A	2062	2063	2332
THUNDER BAY A	*	*	2245
SUDBURY A	1803	2049	2078
KAPUSKASING A	*	*	2544
NORTH BAY A	1786	*	2081
OTTAWA INT'L A	1465	1790	1786
WINDSOR A	*	*	1314
LONDON A	1235	*	1528
TORONTO INT'L A	1195	*	1535
<b>Quebec</b>			
MONTREAL INT'L A	1375	1698	1721
SHERBROOKE A	*	2035	2022
SEPT-ILES A	2304	2446	2453
MONT JOLI A	1956	2069	2111
BAGOTVILLE A	2049	2247	2278
VAL D'OR A	2181	2417	2441
<b>New Brunswick</b>			
FREDERICTON A	*	1886	1820
MONCTON A	1677	1839	1791
SAINT JOHN A	1702	1918	1786
<b>Nova Scotia</b>			
GREENWOOD A	1444	1622	1569
YARMOUTH A	*	*	1487
<b>Prince Edward Island</b>			
CHARLOTTETOWN A	1612	1703	1674
<b>Newfoundland</b>			
GANDER INT'L A	1851	1940	1934
ST JOHN'S A	1708	1797	1789
GOOSE A	2480	2520	2620

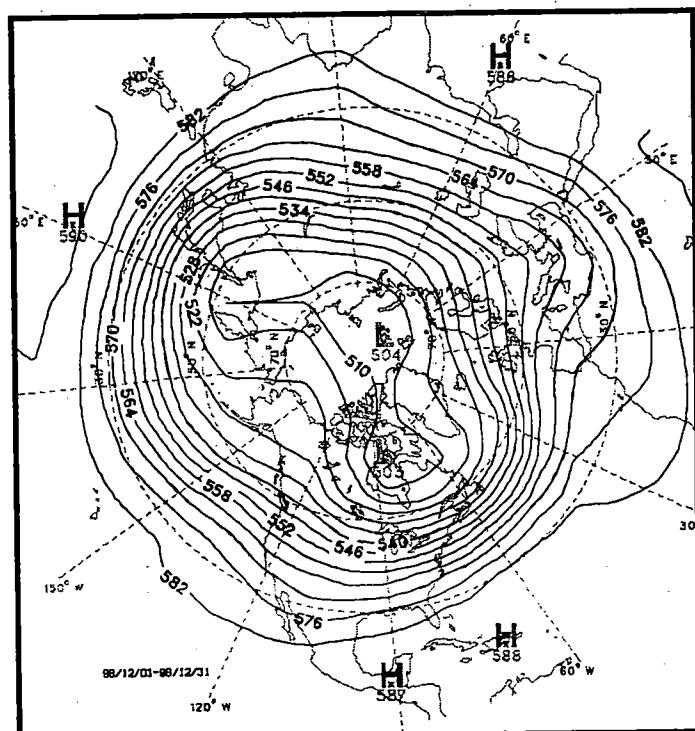




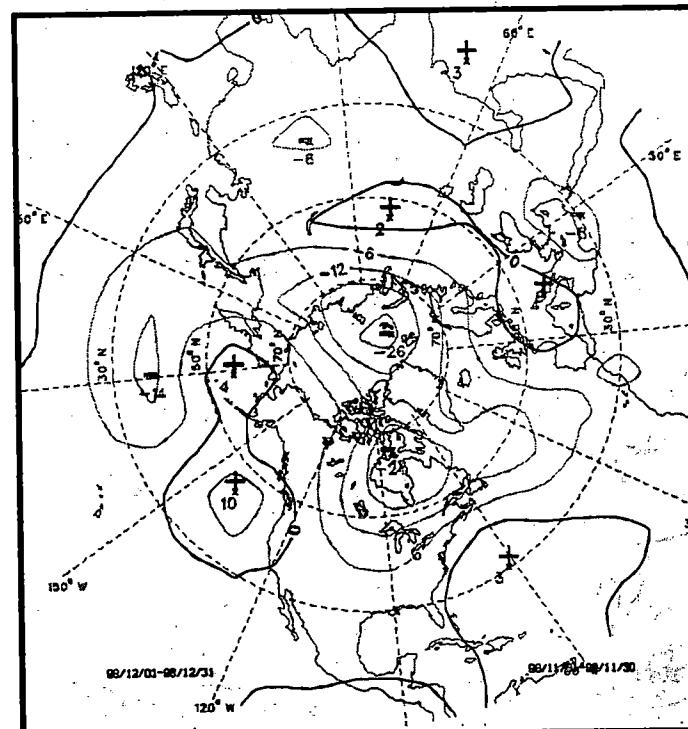


# 50-kPa ATMOSPHERIC CIRCULATION

December 1998



Mean geopotential heights  
6-decametre interval



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

December 1998

STATION	Temperature C					Temperature C				
	Mean		Difference from Normal			Mean		Difference from Normal		
	Mean	Difference from Normal	Maximum	Minimum	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
<b>BRITISH COLUMBIA</b>										
ABBOTSFORD A	3.1	0.5	15.4	-11.3	20.2	85	317.3	146	26	44
AGASSIZ CS	2.7		12.0	-8.9			30.0			474.7
CLINTON	-6.2		5.4	-27.4			226.0	113	11	749.4
CONOX A	3.7	0.3	10.8	-5.9	25.6	87	226.0	113	20	444.1
CRANBROOK A	-6.4	0.8	7.4	-26.2	39.6	100	39.2	104	14	757.3
DEASE LAKE CAMPBELL	-16.5		4.0	-33.8						1069.9
FORT NELSON A	-20.0	0.3	1.1	-35.4	27.2	101	28.7	153	37	1179.4
FORT ST JOHN A	-12.7	0.5	4.7	-29.9	27.4	79	32.6	111	26	950.3
HOPE	1.9		12.4	-10.1						
KAMLOOPS A	-1.3	2.0	14.0	-17.0	17.8	57	22.4	69	6	598.4
KELownA A	-1.5	1.8	11.3	-18.7			49.5	134	14	603.9
LANGARA	3.9	0.2	10.9	-1.5			300.0	144	27	435.8
LYTTON	0.0		12.3	-13.8						
MACKENZIE A	-8.9	1.2	3.2	-29.2			95.5	137		
MALAHAT	2.7		10.4	-9.9						
MCKINNES ISLAND	5.4	1.4	10.7	-2.7			420.4	145	16	834.4
NELSON	-1.8		6.6	-16.2						
PENTICTON A	0.1	1.2	10.9	-15.5	25.2	100	32.9	102	25	613.2
PORT HARDY A	3.6	0.3	11.7	-6.1	6.9	46	366.8	141	8	555.7
PRINCE GEORGE A	-6.4	2.0	7.7	-21.0	54.2	100	48.6	90	28	445.9
PRINCE RUPERT A	2.6	0.9	9.3	-6.6			147.5	55	13	755.9
PRINCETON	-4.5		6.8	-23.1						
QUESNEL A	-5.3	2.2	8.9	-23.0			68.0	138	18	
REVELSTOKE	-2.3		7.0	-16.6			220.0		19	
SANDSPIT A	4.0	0.5	10.7	-1.1						
SHERINGHAM POINT	6.1		14.5	-6.7	90.4	174	34.0		6	433.9
SMITHERS A	-6.9	1.1	7.4	-23.8	80.6	168	80.6	168	17	370.3
SPARWOOD	-7.2		5.1	-30.3						771.2
SQUAMISH	1.2		9.1	-11.4						520.9
SUMMERLAND CS	-0.7		10.6	-16.2						579.0
TERRACE A	-3.4	0.0	4.3	-13.5	188.5	204	255.8	143	31	662.3
VANCOUVER INT'L A	3.7	0.2	13.0	-9.7					24	443.9
VICTORIA INT'L A	4.7	0.9	13.8	-8.3	27.0	186	207.5	137	19	412.8
WILLIAMS LAKE A	-6.3	1.4	6.2	-27.9	41.3	84	39.8	100	54	753.6

December 1998

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	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											Mean	Difference from Normal	Maximum	Minimum												
ALBERTA															SASKATOON A	-13.1	1.6	6.9	-32.8										963.9	
BROOKS	-8.8		14.0	-32.4											STONY RAPIDS A	-20.3		0.0	-40.3	6.2										1186.3
CALGARY INT'L A	-8.5	-0.2	15.2	-29.9	24.2	127	7.0	144	14	2					SWIFT CURRENT A	-9.7	1.1	11.2	-31.7	24.0	112	17	2							859.4
CARDSTON	-5.8		13.4	-30.4											SWIFT CURRENT CDA	-9.8	0.8	11.0	-31.8	21.6	133	8	8							860.4
CLARESHOLM	-7.6		14.1	-32.4											WYNNYARD	-13.3		6.2	-32.0											980.7
COLD LAKE A	-14.1	0.9	1.9	-32.9	20.2	81	12.2	56	11	4					YORKTON A	-13.6	1.7	5.9	-30.8	20.2	90	13.4	64	13	3					
CORONATION	-11.6		6.8	-31.1											MANITOBA															
EDMONTON CITY CENTR	-10.4	0.1	8.7	-29.1											BRANDON A	-14.0	1.0	5.4	-30.4	32.7	169	25.2	133	14	4					991.5
EDMONTON INT'L A	-12.5	-0.3	7.4	-35.3	18.4	82	18.6	97	18	7					CHURCHILL A	-20.3	2.4	-1.1	-34.7	12.0	61									1188.6
EDMONTON STONY PLA	-10.5	-0.1	9.1	-28.9											DAUPHIN A	-12.9	2.0	11.1	-30.3	19.0	93									957.2
EDSON A	-13.2		7.3	-35.7											DAUPHIN CS	-12.9		11.0	-30.3											956.6
FORT CHIPAWAY A	-17.9	2.3	3.4	-41.2											GILLAM A	-21.0	2.2	0.1	-36.0											1209.7
FORT MCMURRAY A	-16.5	0.8	6.2	-40.1											GIMLI INDUSTRIAL PA	-14.3		7.7	-35.8											1001.5
HIGH LEVEL A	-18.7	1.5	0.4	-39.9	24.4	92	20.2	91	24	5					GRAND RAPIDS	-16.9		5.0	-39.9											121.2
LAC LA BICHE	-13.3		4.2	-33.0											ISLAND LAKE A	-18.2	1.9	1.9	-35.9	22.6	61	19.2	70	30	4					1204.7
LACOMBE CDA 2	-11.4		10.0	-31.7											LYNX LAKE A	-20.9	1.6	-0.9	-39.8											1116.6
LETHBRIDGE A	-7.2	-0.5	14.3	-33.7											NORWAY HOUSE A	-18.0		1.4	-39.3	20.4										1083.4
LETHBRIDGE COA	-6.3	0.4	14.0	-31.7											THE PAS A	-16.9	1.1	3.0	-36.5	21.4	75	21.1	107	23	5					1222.
LLOYDMINSTER A	-13.0		10.0	-31.6	19.6										THOMPSON A	-21.4	0.7	-0.7	-41.4	12.0	38	8.6	31	19	3					1038.7
MEDICINE HAT A	-7.8	0.8	16.1	-32.4	24.3	126	14.4	140	24	6					WASAGAMING	-15.5	0.4	7.1	-37.0											953.6
PEACE RIVER A	-15.3	-0.1	3.7	-37.8	22.8	97	24.3	122	17	5					WINNIPEG INT'L A	-12.8	1.8	9.3	-31.6											1139.5
PINCHER CREEK	-6.6		9.5	-34.1											ONTARIO															787.4
RED DEER A	-10.8	1.1	12.7	-30.5	23.8	113	35.5	22.9	122	15	9				BIG TROUT LAKE READ	-18.8		2.9	-36.4											615.4
ROCKY MTN HOUSE	-11.0		14.6	-32.9											BRIT	-3.7		11.1	-29.3											544.6
SLAVE LAKE A	-13.2		6.7	-35.5											EARLTON A	-7.4		7.7	-33.7	43.6	78									923.8
VEGREVILLE	-13.0		5.3	-36.1											GERALDTON A	-13.4	5.3	7.8	-34.0	22.4	18.0									945.6
WHITECOURT A	-12.2		7.0	-32.0											GORE BAY A	-1.9	3.6	10.9	-21.4											546.6
SASKATCHEWAN															HAMILTON A	0.4	3.5	18.2	-15.7											655.5
BROADVIEW	-12.2	1.7	6.8	-29.1											KAPUSKASING A	-11.8	3.1	5.3	-33.6	46.9	81	59.7	107	33	11					725.5
CORONACH SPC	-9.7		11.0	-28.5											KENORA A	-12.5	1.9	4.7	-32.6	12.2	40	11.2	40	12	3					648.6
ESTEVAN A	-12.1	-0.2	6.1	-28.6	40.2	206	23.8	131	13	5					LONDON A	0.4	3.8	17.8	-15.3	5.0	9	63.6	67	3	10					622.5
HUDSON BAY	-15.3		6.2	-33.7											MOUNT FOREST	-1.2		15.7	-18.1											1021.1
INDIAN HEAD CDA	-12.9	0.8	5.0	-30.2	18.6		16.0	44.8	206	5	6				MUSKOKA A	-3.2	3.7	13.0	-27.3	72.9	86	74.2	70	20	16					983.0
KINDERSELEY A	-11.6		9.5	-30.8	48.8	189									NORTH BAY A	-5.4	4.2	11.3	-29.6	54.8	88	64.4	85	26	13					678.6
LA RONGE A	-16.9	1.1	1.5	-37.1	26.2		20.4								OTTAWA MACDONALD-PETERBOROUGH A	-2.9	4.7	14.1	-25.9	27.6	49	65.2	79	8	11					949.6
MEADOW LAKE A	-16.1		2.2	-40.1											PICKLE LAKE A	-2.1	3.6	16.7	-22.1											750.0
NIPAWIN A	-15.8		4.0	-33.6											POINT PETRE	-15.0	1.3	6.3	-33.4											983.0
NORTH BATTLEFORD A	-12.9	1.9	8.8	-31.6	19.0	86	23.2	12.9	68	17	3				RED LAKE A	-13.7	2.5	5.9	-32.0											678.6
PRINCE ALBERT A	-14.8	2.1	5.3	-34.3	17.6	80	15.4	81	9	4					SAULT STE MARIE A	-3.9	2.7	10.2	-24.5	76.1	94	63.6	78	29	10					949.6
REGINA A	-12.7	0.9	6.2	-30.7											SIOUX LOOKOUT A	-12.6	2.8	6.6	-33.2	9.2	26	11.0	31	7	3					750.0
															SUDBURY A	-6.2	3.7	10.4	-28.7	49.4	81	55.7	84	26	10					983.0

December 1998

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	Normal	Maximum	Minimum										
THUNDER BAY A	-9.4	1.9	10.0	-31.1				97.5	248		7		848.1		
TIMMINS A	-10.3	3.4	6.2	-35.3		50.1	70	50.2	78	33	10	6	875.9		
TORONTO ISLAND A	1.7	3.2	17.3	-16.1		9.1	29	63.0	96	0	8		505.9		
TORONTO LESTER B. P.	0.7	4.2	17.6	-17.4									535.1		
TRENTON A	0.0	4.5	15.4	-18.5		12.6	28	44.4	54	2	11		556.9		
WATERLOO WELLINGTON	-0.5	3.5	17.1	-16.1		7.6	19	72.8	92	15	10		777.0		
WAWA A	-7.1		7.5	-35.0									556.7		
WIARTON A	0.0	3.7	15.0	-17.3											
WINDSOR A	2.0	3.9	19.6	-12.3		6.6	21	35.4	43	0	7		496.8		
<b>QUEBEC</b>															
BAGOTVILLE A	-8.7	3.4	10.6	-31.2		83.1	97	79.4	103	54	12		828.1		
BAIE COMEAU A	-9.5	0.8	4.5	-30.8									853.1		
BLANC SABLON A	-8.5		3.5	-24.0				118.5					820.7		
CHIBOUGAMAU	-13.0		3.1	-36.9											
GASPE A	-6.5		10.3	-25.5		29.8	34	51.2	43	20	9	125	759.2		
ILES DE LA MADELEIN	-1.6		9.1	-11.1				50.6		1	10	63	608.1		
JONQUIERE	-8.2		11.2	-29.8				71.8		15			811.5		
KUULLUUAQ A	-14.3	4.8	-2.2	-30.8		36.4	86	36.4	90	21	8		1001.0		
KUUJJUARAPIK A	-12.3	4.3	0.6	-35.8		82.8	224	83.0	236	53	21		938.7		
L'ASSOMPTION COA	-2.7	5.5	13.2	-27.9						42	14	27	989.0		
LA GRANDE RIVIERE A	-13.9		0.0	-33.3		47.8									
LAC EGN	-13.6		0.8	-30.5											
MATAGAMI	-12.4		4.4	-34.1											
MONT JOLI A	-6.3	2.1	10.1	-22.6		61.4	68	74.8	80	20	12	9	753.0		
MONTRÉAL/DORVAL INT	-1.7	5.2	15.1	-24.8				59.5	70				610.3		
NATASHQUAN A	-8.6	0.8	4.1	-28.7											
NORMANDIN	-10.4		6.8	-33.1											
QUEBEC CS	-5.7		8.9	-28.7											
ROBERVAL A	-8.7	3.7	9.3	-31.2		49.6	64	50.0	63	2	10	84	734.7		
SEPT-ILES A	-10.5	0.5	3.6	-29.6		87.6	92	102.6	96	46	12	111	827.8		
SHERBROOKE A	-3.1	5.2	15.6	-27.5				52.5	55				882.8		
ST HUBERT A	-2.2	4.8	15.0	-24.9				64.0	92				653.4		
VAL D'OR A	-9.4	3.9	5.7	-36.9									848.0		

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	Normal	Maximum	Minimum										
NEW BRUNSWICK															
CHARLO A	-7.1	1.6	4.8	-25.2									40	10	
FREDERICTON A	-3.8	2.8	14.4	-28.3		58.8	83	50.8	43	12	8		778.3		
MONCTON A	-3.4	2.3	14.3	-21.3		44.4	59	72.4	57	0	9		676.5		
SAINT JOHN A	-2.6	2.4	13.4	-21.0		45.0	70	70.1	42	1	9		663.8		
ST STEPHEN	-3.3		15.4	-23.6										638.9	
<b>NOVA SCOTIA</b>															
AMHERST	-2.5		11.7	-19.6									6		
GREENWOOD A	-0.6	2.0	17.1	-17.7		21.4	33	75.6	65	3	11		634.0		
SHEARWATER A	0.0	1.7	13.6	-14.3		28.2	76	99.2	66	4	13		578.1		
SYDNEY A	-1.6	0.4	13.3	-14.1		41.2	60						556.6		
YARMOUTH A	0.8	1.2	12.3	-12.8		24.7	58	57.2	40	5	9		607.5		
PRINCE EDWARD ISLAND															
CHARLOTTETOWN A	-2.8	1.3	12.4	-19.5		37.8	50	64.0	48	3	10		644.8		
EAST POINT	-1.4		13.3	-18.2				42.0							
<b>NEWFOUNDLAND</b>															
ARGENTIA	-0.1	-0.6	0.5	10.3\$									\$ 83	?	
BONAVISTA	-1.6	-0.1	11.0	-7.9									\$ 15	?	
CAPE RACE	-0.6	0.1	8.0	-11.4									\$ 5	561.9	
CARTWRIGHT	-9.2	0.2	3.0	-24.2		96.0	121	100.4	114	89	15		606.5		
CHURCHILL FALLS	-15.0		1.0	-31.8										844.5	
DANIELS HARBOUR	-3.8	0.3	9.2	-16.4										1023.9	
DEER LAKE A	-4.2	0.9	8.7	-18.0		113.7	135	138.0	132	23	17		677.1		
GANDER INT'L A	-3.7	0.2	8.4	-15.2		39.8	51	83.0	73	5	11		688.1		
GOOSE A	-12.0	1.4	3.6	-29.4		79.3	94	75.6	97	78	11		97	673.5	
MARY'S HARBOUR	-9.5		2.7	-24.9										928.7	
NAIN A	-10.5		2.1	-25.8										882.6	
PORT AUX BASQUES	-1.7	0.0	8.2	-10.6				56.0	102	142.9	99	2	15	611.8	
ST JOHN'S A	-2.0	-0.3	13.3	-11.4				109.5	97	41	16		84	620.1	
STEPHENVILLE A	-2.3	0.4	10.3	-11.3				101	53.7	78	52		33	630.1	
WABUSH LAKE A	-15.5	3.2	0.3	-33.8		78.0							115	1037.5	