

**Weekly normal temperatures (°C)**

	max.	min.
Whitehorse A	-3.6	-15.4
Iqaluit A	-19.8	-29.0
Yellowknife A	-14.4	-25.8
Vancouver Int'l A	9.0	1.9
Victoria Int'l A	9.3	1.5
Calgary Int'l A	0.7	-10.3
Edmonton Int'l A	-1.5	-13.3
Regina A	-3.4	-14.0
Saskatoon A	-4.5	-15.4
Winnipeg Int'l A	-3.9	-14.7
Ottawa Int'l A	0.3	-8.8
Toronto (Pearson Int'l A)	2.4	-6.1
Montréal Int'l A	0.4	-8.4
Québec A	-1.2	-11.2
Fredericton A	1.3	-9.2
Saint John A	1.0	-8.5
Halifax (Shearwater)	2.1	-5.6
Charlottetown A	-0.4	-8.0
Goose A	-4.6	-16.3
St John's A	0.0	-6.9

**Weekly temperature and precipitation extremes**

	Maximum temperature (°C)	Minimum temperature (°C)	Heaviest precipitation (mm)
British Columbia	Abbotsford A 21	Fort Nelson A -12	Prince Rupert A 58
Yukon Territory	Whitehorse A 7	Komakuk Beach A -27	Shingle Point A 5
Northwest Territories	Fort Simpson A 11	Shepherd Bay A -44	Yellowknife A 17
Alberta	Lethbridge A 20	Cold Lake A -17	Edmonton Municipal A 2
Saskatchewan	Moose Jaw A 17	Cree Lake -35	La Ronge A 4
Manitoba	Dauphin A 7	Gillam A -35	Lynn Lake A 19
Ontario	Port Weller (aut) 15	Lansdowne House -39	Sudbury A 71
Quebec	Sherbrooke A 11	Kuujuarapik A -39	Val-d'Or 66
New Brunswick	Moncton A 8	St-Léonard A -20	Saint John A 17
Nova Scotia	Amherst (aut) 10	Sydney A -15	Yarmouth A 13
Prince Edward Island	Charlottetown A 7	Charlottetown A -16	Charlottetown A 5
Newfoundland	Comfort Cove 11	Churchill Falls A -28	Stephenville A 34
	Deer Lake A 11		

**Across The Country...**

Highest Mean Temperature	Hope A (B.C.) 10
Lowest Mean Temperature	Eureka (N.W.T.) -39



CLIMATIC PERSPECTIVES  
VOLUME 14

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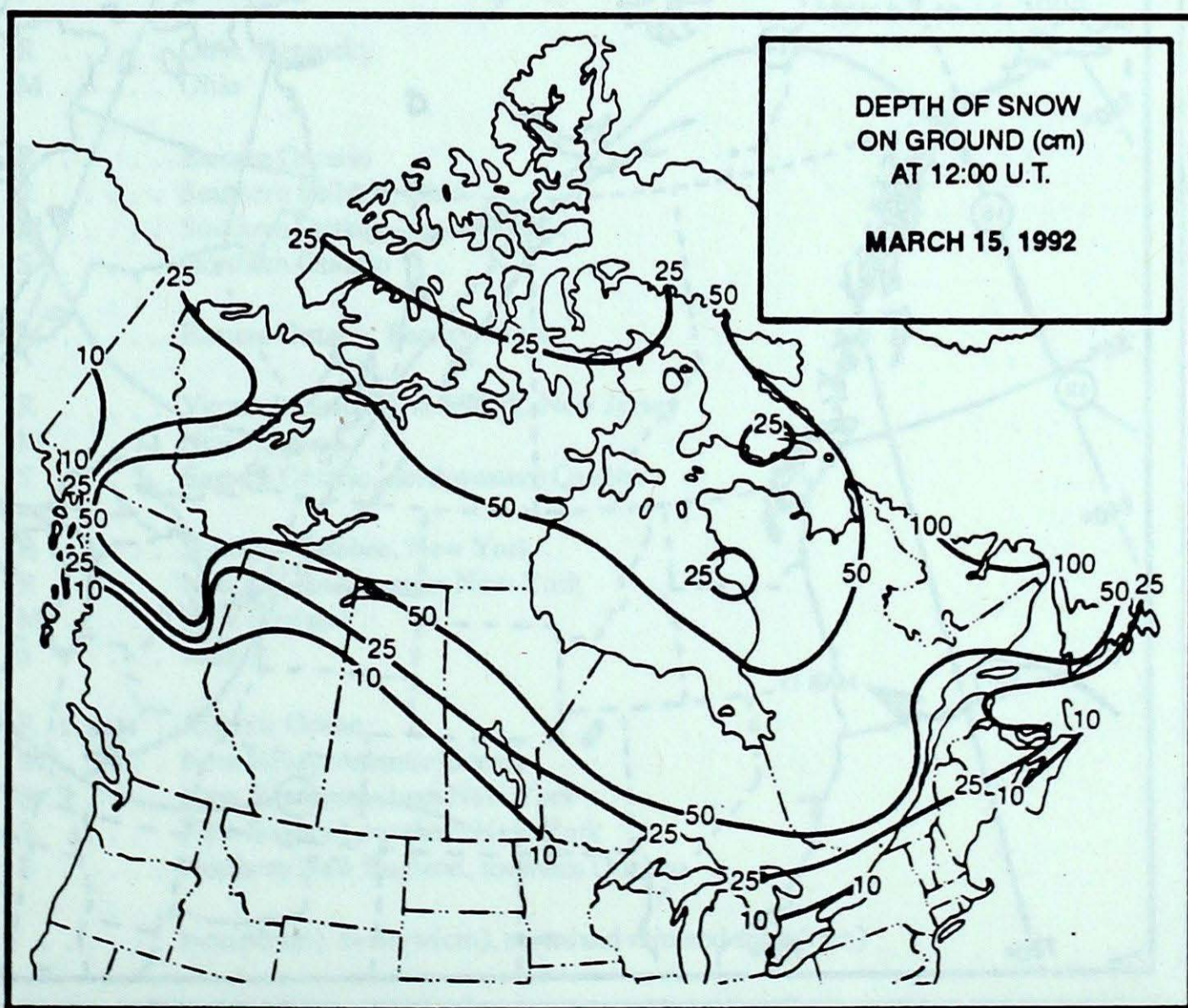
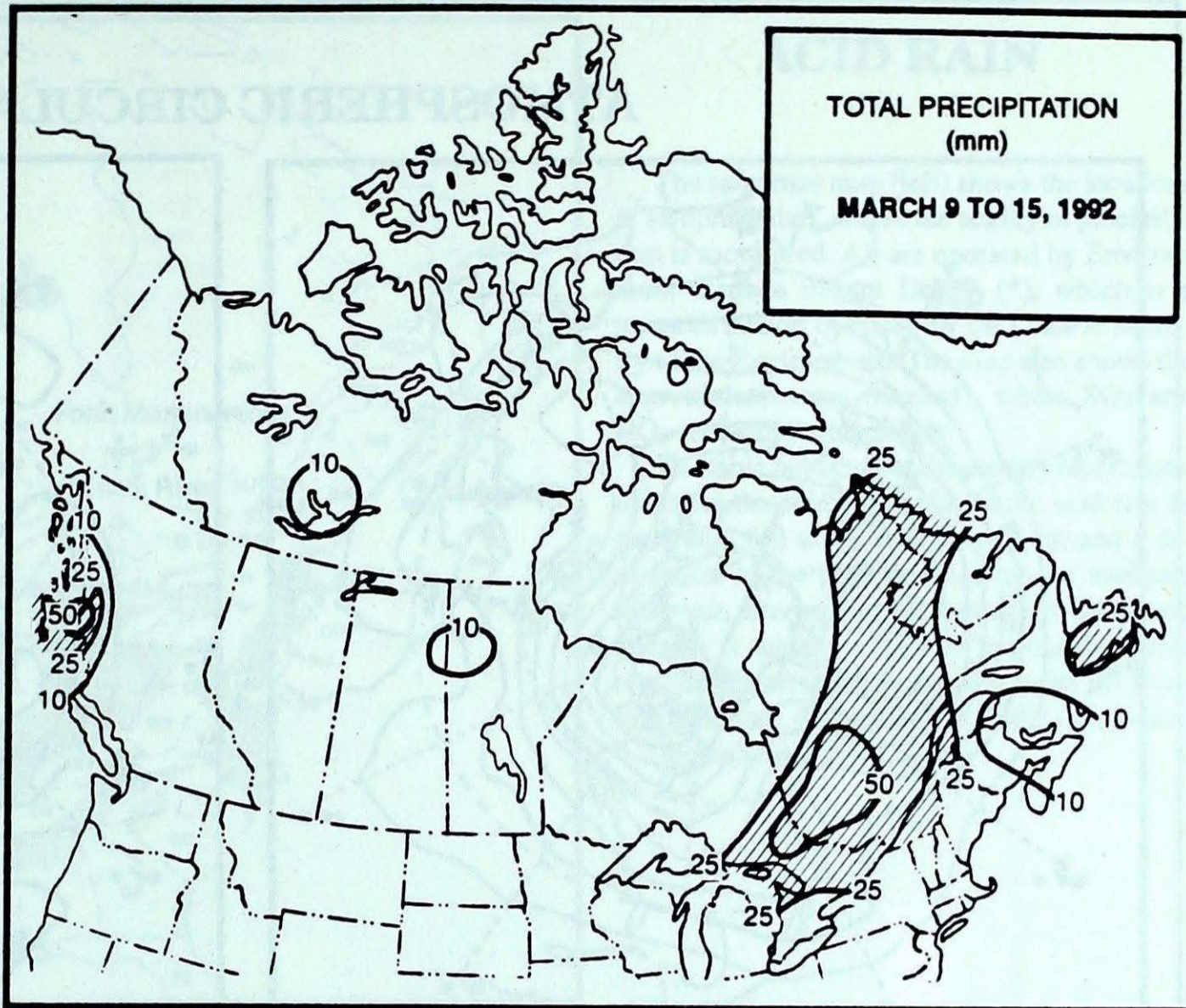
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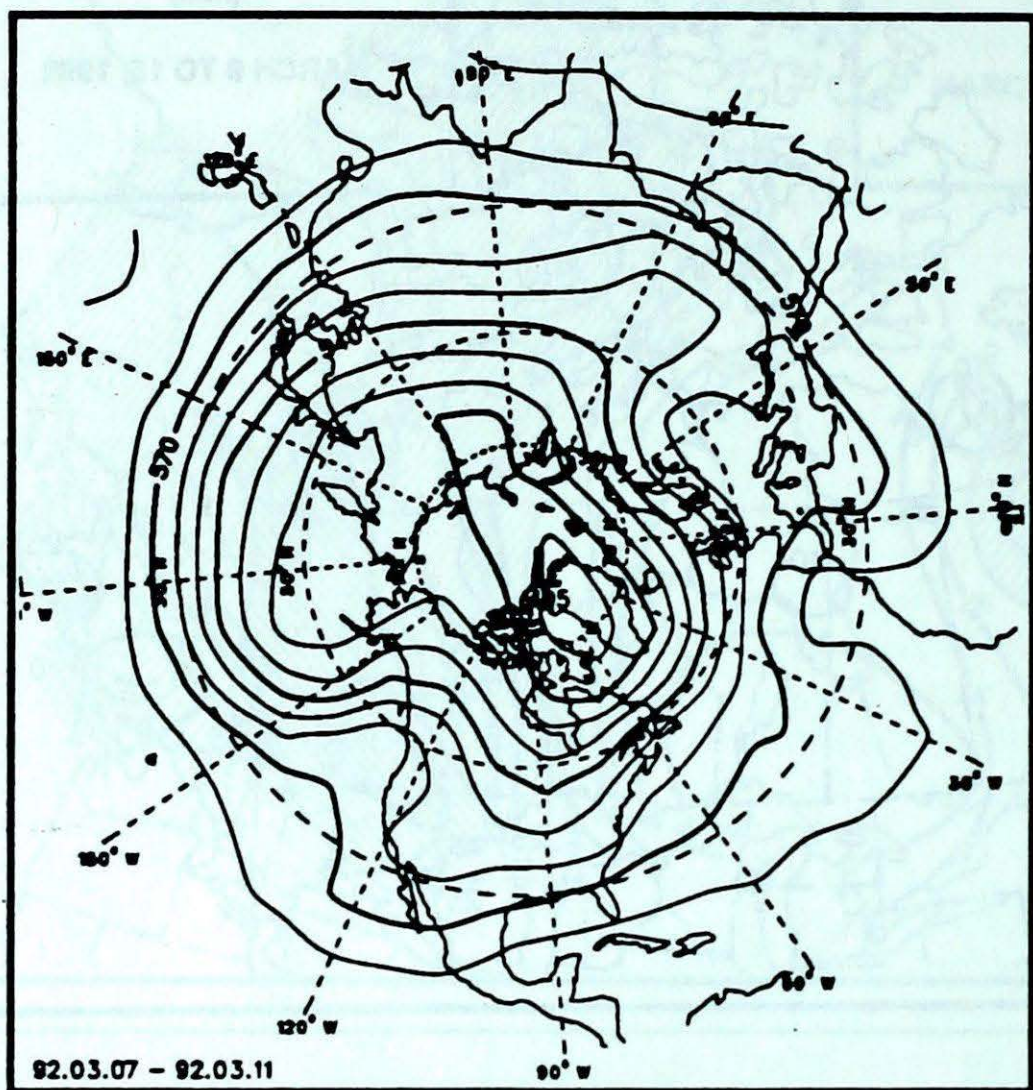
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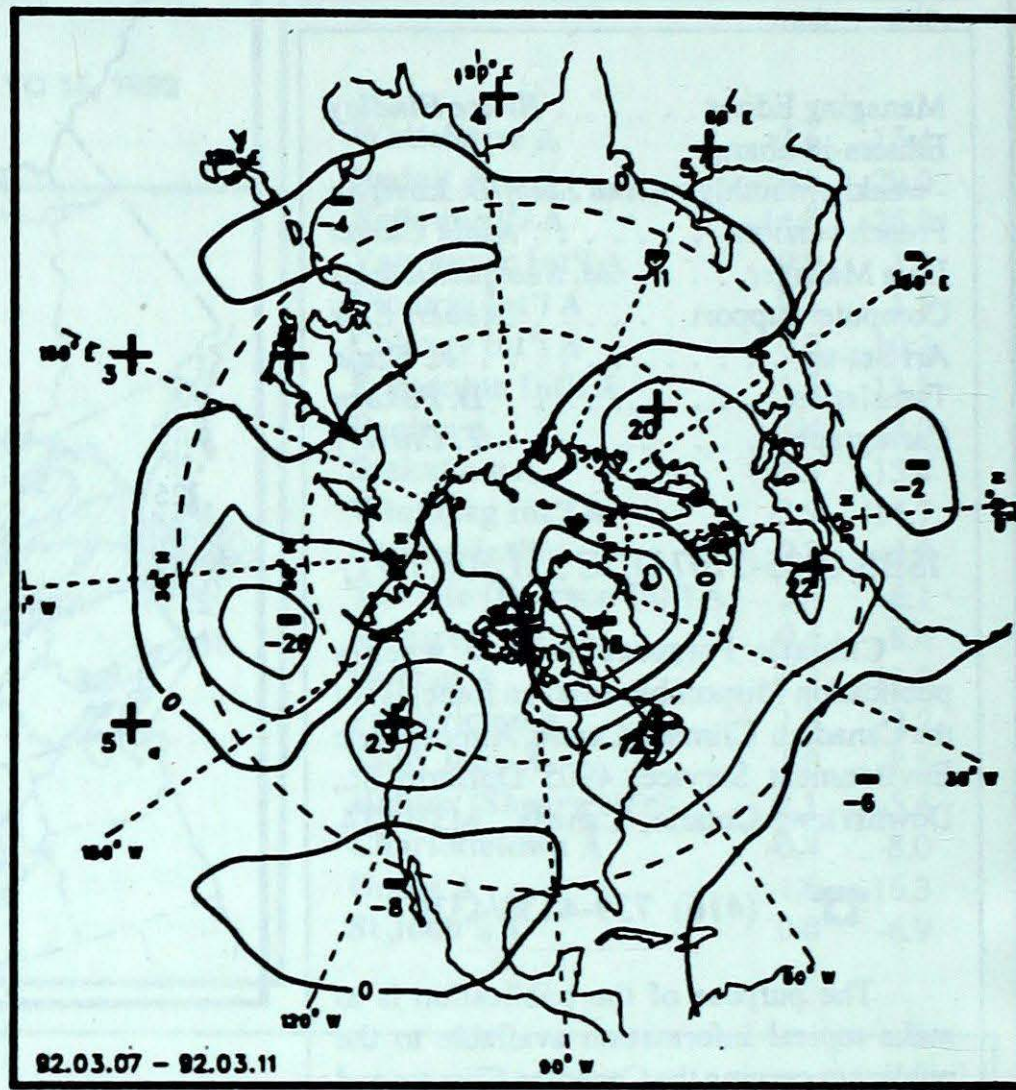




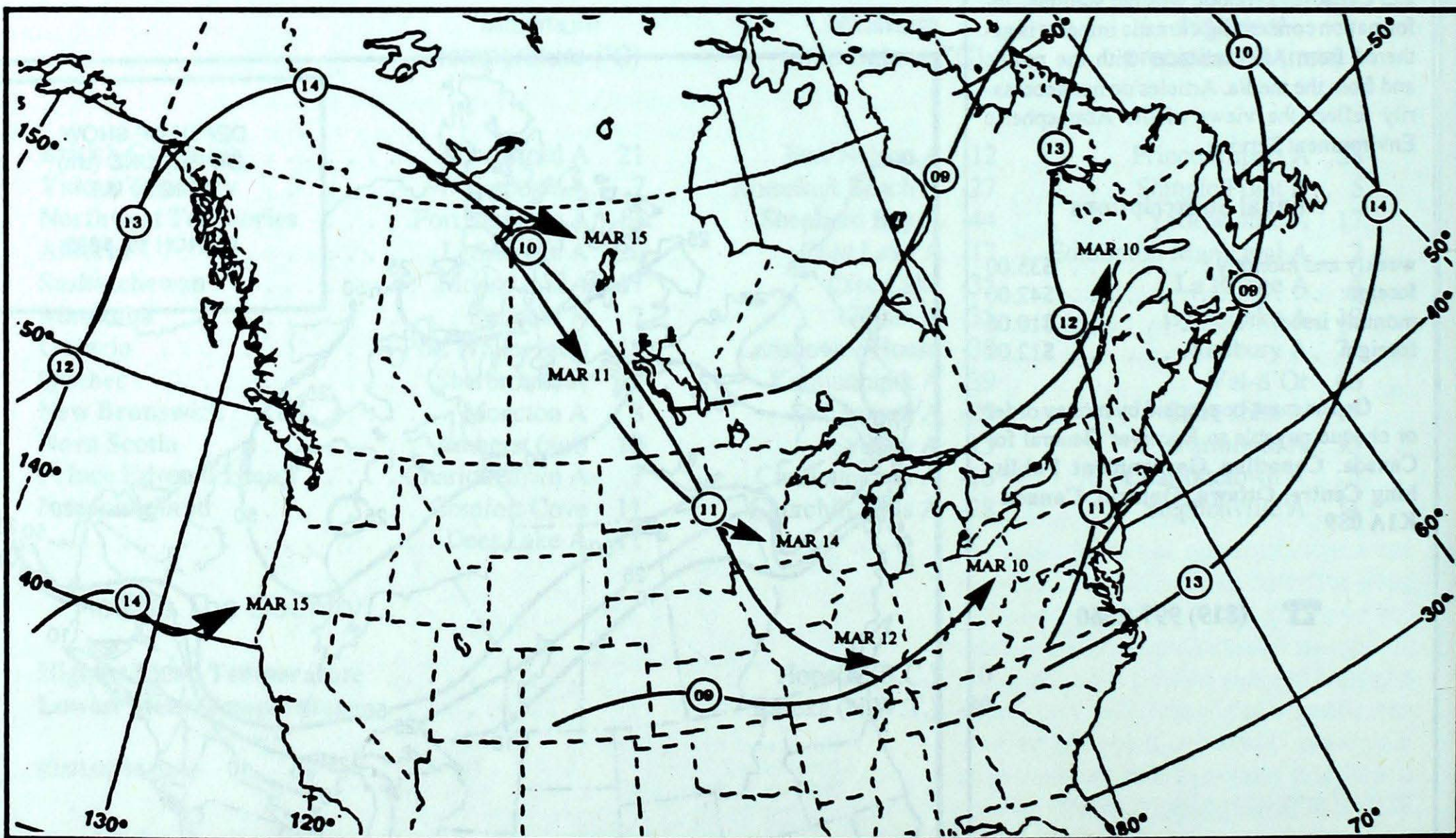
### ATMOSPHERIC CIRCULATION



Mean geopotential height  
50-kPa level (10-decametre intervals)



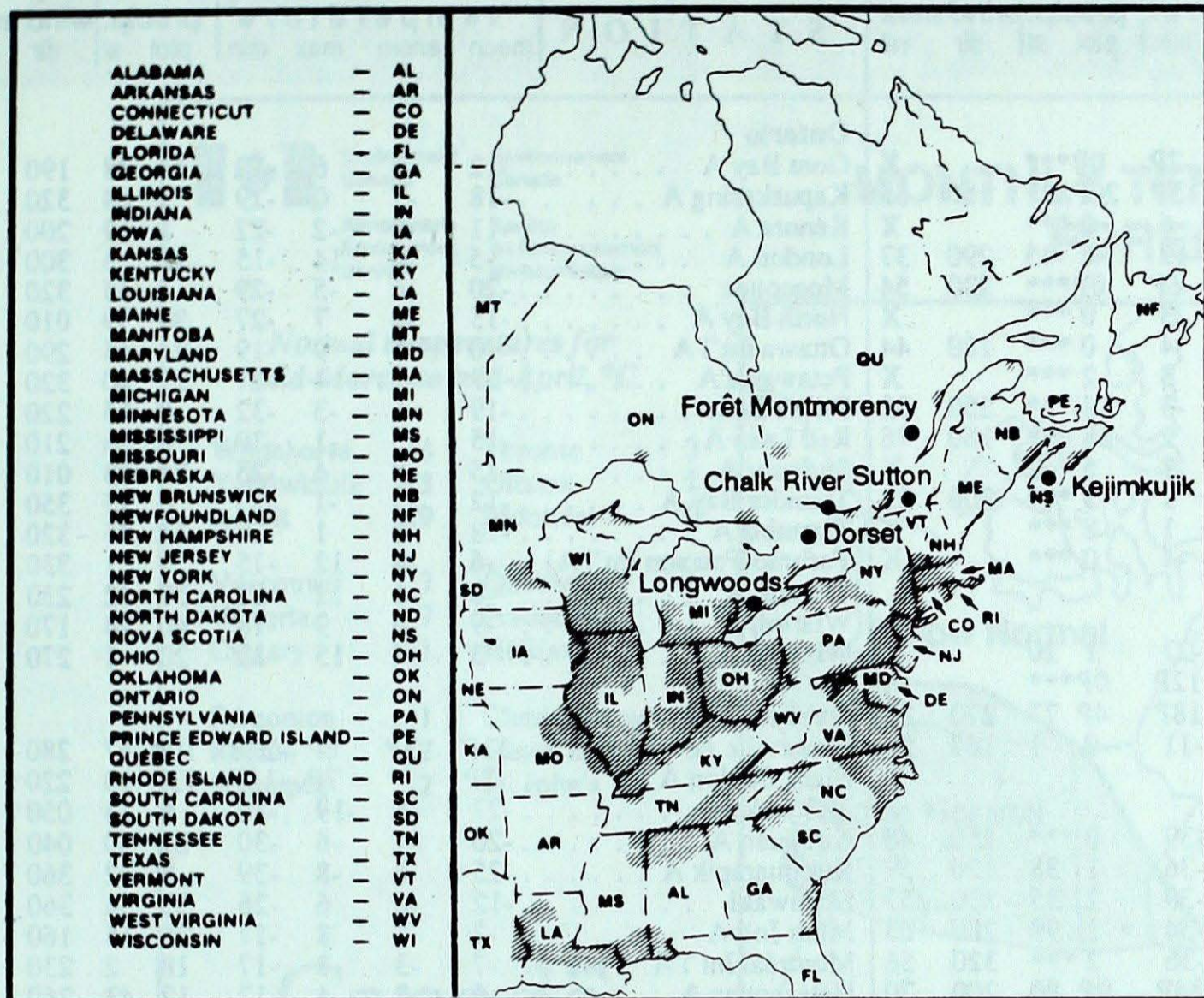
Mean geopotential height anomaly  
50-kPa level (10-decametre intervals)



Tracks of low pressure centres at 12:00 U.T. each day during the period.



## ACID RAIN



The reference map (left) shows the locations of sampling sites, where the acidity of precipitation is monitored. All are operated by Environment Canada except Dorset (\*), which is a research station operated by the Ontario Ministry of the Environment. The map also shows the approximate areas (shaded), where SO<sub>2</sub> and NO<sub>x</sub> emissions are greatest.

The table below gives the weekly report summarizing the acidity (or pH) of the acid rain or snow that fell at the collection sites, and a description of the path travelled by the moisture laden air. Environmental damage to lakes and streams is usually observed in sensitive areas regularly receiving precipitation with pH readings less than 4.7, while pH readings less than 4.0 are serious.

Site	day	pH	amount	air path to site
March 8 to 14, 1992				
Longwoods	09	4.1	2 R	Ohio, Kentucky
	10	4.7	5 M	Ohio
Dorset*	08	3.8	1 R	Eastern Ontario
	09	3.9	18 R	Southern Ontario, Ohio
	10	4.2	34 M	Southern Ontario, Pennsylvania
	12	5.1	3 S	Northern Ontario
Chalk River	10	4.0	10 M	Eastern Ontario, Pennsylvania
Sutton	10	4.6	15 R	Vermont, eastern New York, New Jersey
	11	4.4	5 M	New England
	12	4.7	5 S	Eastern Ontario, northwestern Quebec
Montmorency	09	4.0	1 R	Southern Quebec, New York
	10	4.3	24 R	New England, eastern New York
	11	5.1	38 M	New England
	12	4.8	4 S	Maine
Kejimikujik	08	4.8	5 R	Atlantic Ocean
	11	4.7	14 M	New Jersey, Atlantic Ocean
	12	3.9	2 S	New Jersey, southern New York
	13	4.2	1 S	New England, southern New York
	14	4.4	1 S	Northern New England, southern Quebec

..... r=rain(mm), s=snow(cm), m=mixed rain and snow(mm)



STATION	temperature				precip.		wind max		STATION	temperature				precip.		wind max	
	mean	anom	max	min	ptot	st	dir	vel		mean	anom	max	min	ptot	st	dir	vel
<b>British Columbia</b>									<b>Ontario</b>								
Blue River A	5P	5P	15P	-7P	0P***			X	Gore Bay A	-12	-6	6	-19	34	38	190	65
Cape St James	8P	3P	10P	5P	20P***	160	65		Kapuskasing A	-18	-7	0	-29	1	84	320	61
Cranbrook A	7	6	17	-6	0	***		X	Kenora A	-11	-3	-2	-22	1	19	200	44
Fort Nelson A	1	13	12	-12	0	45	290	37	London A	-5	-4	14	-15	15	3	300	72
Fort St John A	5P	13P	12P	-6P	0P***		230	54	Moosonee	-20	-6	-5	-29	1	45	320	74
Kamloops A	7	4	18	-3	0	***		X	North Bay A	-15	-9	7	-27	38	79	010	61
Penticton A	6	3	15	-4	0	***	180	44	Ottawa Int'l A	-10	-5	9	-19	24	45	290	59
Port Hardy A	8	4	17	3	2	***		X	Petawawa A	-13	-7	4	-27	27	40	320	48
Prince George A	6	8	16	-3	3	***	250	32	Pickle Lake	-19	-6	-3	-32	0	55	220	41
Prince Rupert A	7	4	14	2	58	***	160	46	Red Lake A	-15	-5	-1	-30	0	36	210	44
Smithers A	4	6	11	-3	5	2		X	Sudbury A	-15	-8	4	-25	71	83	010	63
Vancouver Int'l A	8	2	13	1	3	***	300	32	Thunder Bay A	-12	-5	-1	-23	0	15	350	43
Victoria Int'l A	8	3	18	1	8	***		X	Timmins A	-18	-8	1	-28	14	75	320	69
Williams Lake A	6	7	17	-4	0	***		X	Toronto(Pearson Int'l A)	-6	-4	12	-15	7	1	330	59
<b>Yukon Territory</b>									Trenton A	-8	-6	12	-21	39	22	230	61
Komakuk Beach A	-19	8	-15	-27	1	20		X	Warton A	-9	-6	9	-18	40	24	170	56
Teslin (aut)	0P	*	5P	-12P	0P***			X	Windsor A	-3	-4	15	-12	20	1	270	41
Watson Lake A	-3P	10P	7P	-18P	4P	77	270	52	<b>Quebec</b>								
Whitehorse A	1	11	7	-11	0	1	160	59	Bagotville A	-11P	-3P	6P	-22P	10P	67	280	35
<b>Northwest Territories</b>									Blanc Sablon A	-7P	*	7P	-18P	13P	10	220	52
Alert	-30	4	-19	-39	0	***	250	48	Inukjuak A	-27	-5	-19	-36	6	15	050	61
Baker Lake A	-28	1	-20	-36	1	38	320	59	Kuujuuaq A	-20	-1	-6	-30	27	30	040	87
Cambridge Bay A	-28	5	-17	-39	2	35	330	57	Kuujuuarapik A	-25	-6	-8	-39	8	32	360	70
Cape Dyer A	-24	0	-13	-34	1	99	280	63	Maniwaki	-12	-5	6	-26	53	54	360	46
Clyde A	-28	-1	-22	-36	2	***	320	56	Mont Joli A	-7	-1	8	-17	25	15	160	72
Coppermine A	-21P	11P	-5P	-34P	9P	80	200	70	Montréal Int'l A	-7	-3	8	-17	18	2	230	56
Coral Harbour A	-30	-3	-18	-37	0	38	330	43	Natashquan A	-5	2	4	-17	12	43	260	65
Eureka	-39	-1	-34	-43	1	18		X	Québec A	-8	-2	9	-19	52	68	240	69
Fort Smith A	-9	7	6	-21	3	55	140	48	Schefferville A	-17	0	-4	-25	31	89	330	46
Hall Beach A	-31	0	-18	-41	1	34	310	35	Sept-Îles A	-7	1	4	-15	17	40	080	70
Inuvik A	-15	12	-2	-24	8	50		X	Sherbrooke A	-7	-1	11	-19	20	10	110	41
Iqaluit A	-30	-6	-21	-36	1	15	340	32	Val-d'Or A	-17	-7	2	-27	66	69	350	72
Mould Bay A	-32	2	-24	-39	2	18		X	<b>New Brunswick</b>								
Norman Wells A	-9	12	-2	-17	1	12	300	50	Fredericton A	-5	-1	7	-18	4	18	190	76
Resolute A	-28	4	-19	-37	6	14	350	69	Miscou Island (aut)	-8P	-1P	2P	-15P	0P***			
Yellowknife A	-14	7	-2	-27	17	70	310	65	Moncton A	-6	-2	8	-19	6	78	220	72
<b>Alberta</b>									Saint John A	-5	-1	6	-17	17	12	200	67
Calgary Int'l A	6	10	19	-8	0	***	320	56	<b>Nova Scotia</b>								
Cold Lake A	2	11	12	-17	1	***	280	41	Greenwood A	-4	-1	10	-12	9	5	230	72
Edmonton Namao A	4	11	12	-7	0	1		X	Shearwater A	-3	-1	6	-12	4	3	230	67
Fort McMurray A	1	12	11	-16	0	8	260	50	Sydney A	-4	0	7	-15	11	12	230	72
High Level A	1	12	10	-12	0	18	110	39	Yarmouth A	-2	-2	10	-10	13	2	140	74
Jasper	6	9	17	-7	0	***		X	<b>Prince Edward Island</b>								
Lethbridge A	7	9	20	-8	0	***	270	50	Charlottetown A	-6	-1	7	-16	5	31	210	52
Medicine Hat A	6	10	18	-8	0	***	160	37	East Point (auto)	-6	*	4	-16	0	***		
Peace River A	3	13	11	-12	0	***	280	44	<b>Newfoundland</b>								
<b>Saskatchewan</b>									Cartwright	-6	4	8	-25	15	200	210	65
Cree Lake	-9	4	7	-35	4	45	200	63	Churchill Falls A	-11	4	1	-28	24	86	070	41
Estevan A	0	7	15	-13	0	***	330	50	Gander Int'l A	-3	2	9	-16	25	9	171	56
La Ronge A	-5	7	7	-19	4	42	290	37	Goose A	-6	4	6	-24	15	53	210	44
Regina A	0	9	15	-13	0	***	320	43	St John's A	-1	3	9	-12	26	***	190	67
Saskatoon A	-1	9	7	-17	0	1	190	32	St Lawrence	-2	2	5	-11	23	14		X
Swift Current A	3	10	16	-11	1	***	310	44	Wabush Lake A	-13	4	3	-27	33	72	170	56
Yorkton A	-6	5	6	-21	0	9	310	39	92/03/09-92/03/15								
<b>Manitoba</b>																	
Brandon A	-7	3	4	-21	1	6	310	41									
Churchill A	-25	-3	-16	-32	3	46	320	44									
Lynn Lake A	-13	1	-1	-32	19	61	330	52									
The Pas A	-9	3	4	-23	4	34	340	37									
Thompson A	-15	0	-1	-31	***	62	360	41									
Winnipeg Int'l A	-8	1	-1	-17	6	9	170	54									

mean = mean weekly temperature, °C  
 max = maximum weekly temperature, °C  
 min = minimum weekly temperature, °C  
 anom = mean temperature anomaly, °C  
 ptot = weekly precipitation total in mm  
 st = snow thickness on the ground in cm  
 dir = direction of max wind, deg. from north.  
 vel = wind speed in km/h  
 — Annotations —  
 X = no observation  
 P = less than 7 days of data  
 \* = missing data when going to printing.





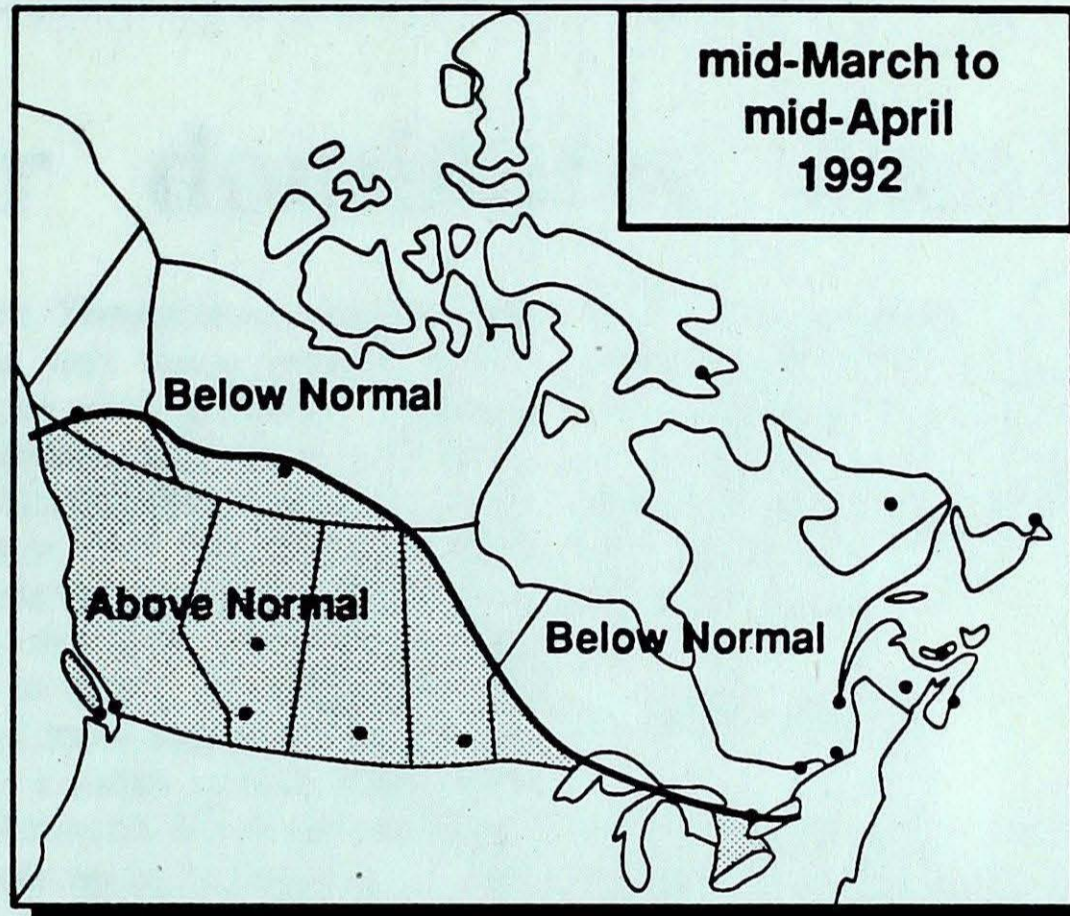
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## MONTHLY TEMPERATURE FORECAST

*Normal temperatures for  
mid-March to mid-April, °C*

Whitehorse	-4	Toronto	3
Yellowknife	-13	Ottawa	1
Iqaluit	-19	Montréal	0
Vancouver	7	Québec	-1
Victoria	7	Fredericton	1
Calgary	-1	Halifax	2
Edmonton	-1	Charlottetown	0
Regina	-2	Goose Bay	-5
Winnipeg	-2	St. John's	-1

mid-March to  
mid-April  
1992



Canada

