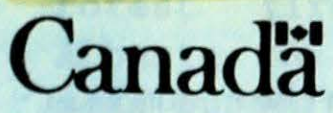
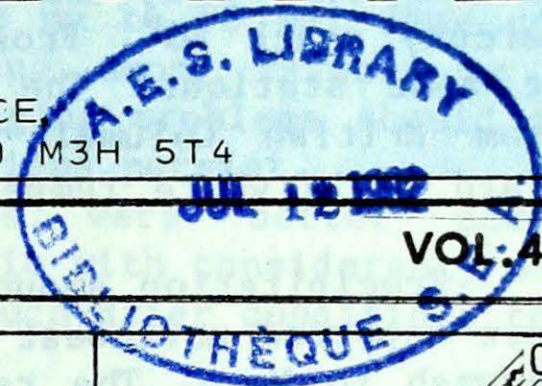


# CLIMATIC PERSPECTIVES



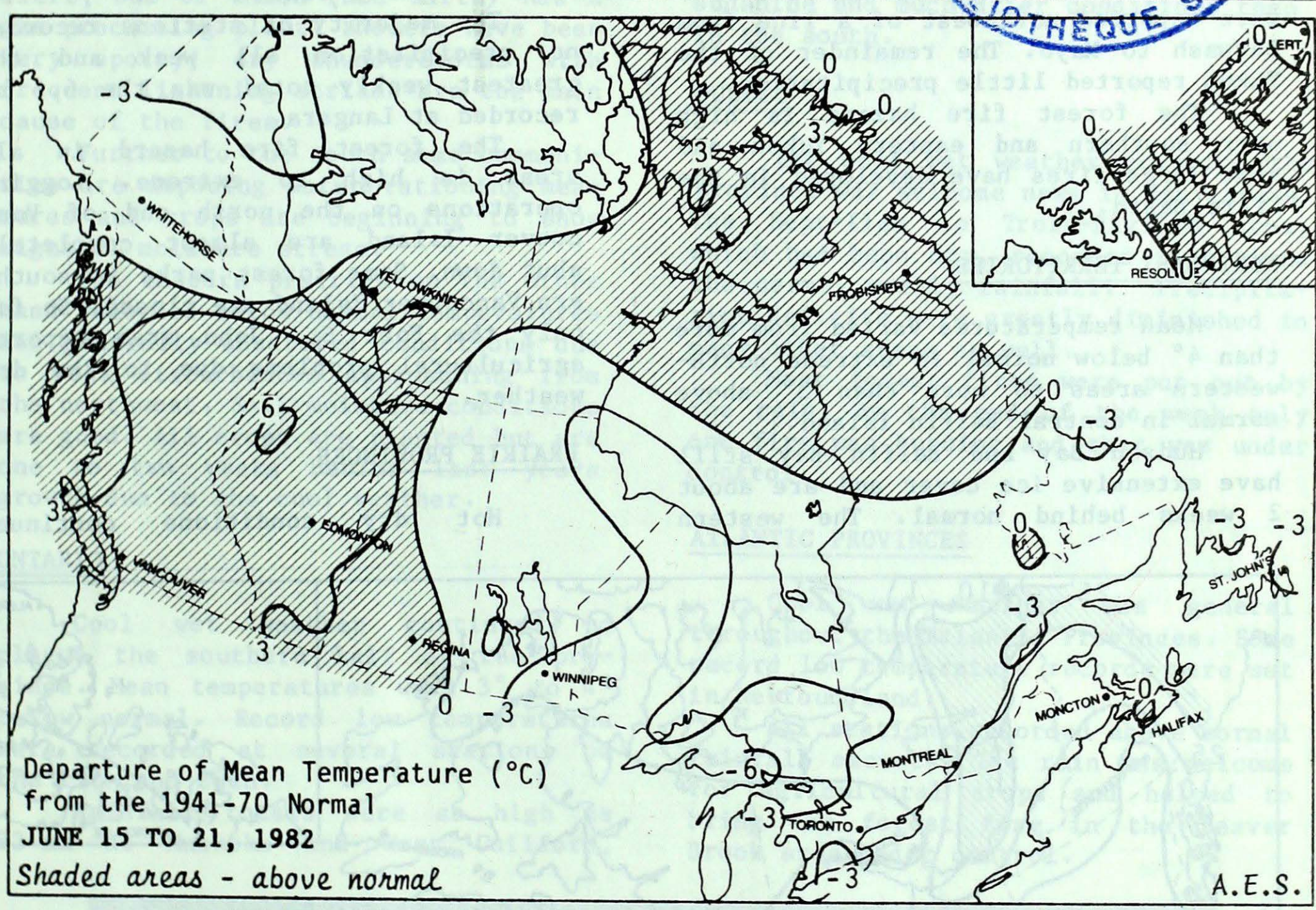
THE CANADIAN CLIMATE CENTRE,  
 ATMOSPHERIC ENVIRONMENT SERVICE  
 4905 DUFFERIN ST., DOWNSVIEW, ONTARIO M3H 5T4



JUNE 25, 1982

(Aussi disponible en français)

VOL. 4 NO. 24



**WEATHER HIGHLIGHTS FOR THE PERIOD - JUNE 15 TO 21, 1982**

**Forest fire situations worsens in Alberta**

Hot dry weather contributed to a worsening forest fire situation in Alberta as daytime temperatures exceeded 30°. More than 160 000 hectares have been burned, considerably more than in the same period last year. Thunderstorms with frequent lightning strikes were the main cause of the fires.

The dry conditions forced some communities to impose water rationing and crops were beginning to show signs of moisture stress.

Cool wet weather dominated southern Ontario, Québec and the Atlantic provinces. Precipitation totals were well above normal in most of these areas. In Québec and the Maritimes the moisture was a welcome relief from previously dry conditions.

Temperatures varied from 36° at Lytton, British Columbia to -6° at Jenny Lind Island, Northwest Territories. St. John's, Newfoundland recorded 100 mm of precipitation.

**NOTE:** The data shown in this publication are based on unverified reports from approximately 225 Canadian and 115 northern United States Synoptic stations.



YUKON

Cool weather continued over most of the Yukon. Only occasionally did the mercury reach 20°. Frost was reported at some stations. The very warm air from British Columbia did reach the Liard Basin where temperatures reached 27°.

Precipitation amounts up to 35 mm were reported northwest of a line from Burwash to Mayo. The remainder of the Yukon reported little precipitation.

The forest fire hazard is high over southern and eastern Yukon and some large fires have developed in the Liard Basin.

NORTHWEST TERRITORIES

Mean temperatures varied from more than 4° below normal in extreme northwestern areas to more than 3° above normal in central Baffin Island.

Hudson Bay and Baffin Bay still have extensive ice cover and are about 2 weeks behind normal. The western

Arctic ice conditions are favorable. A large lead has put many drill sites in open water.

BRITISH COLUMBIA

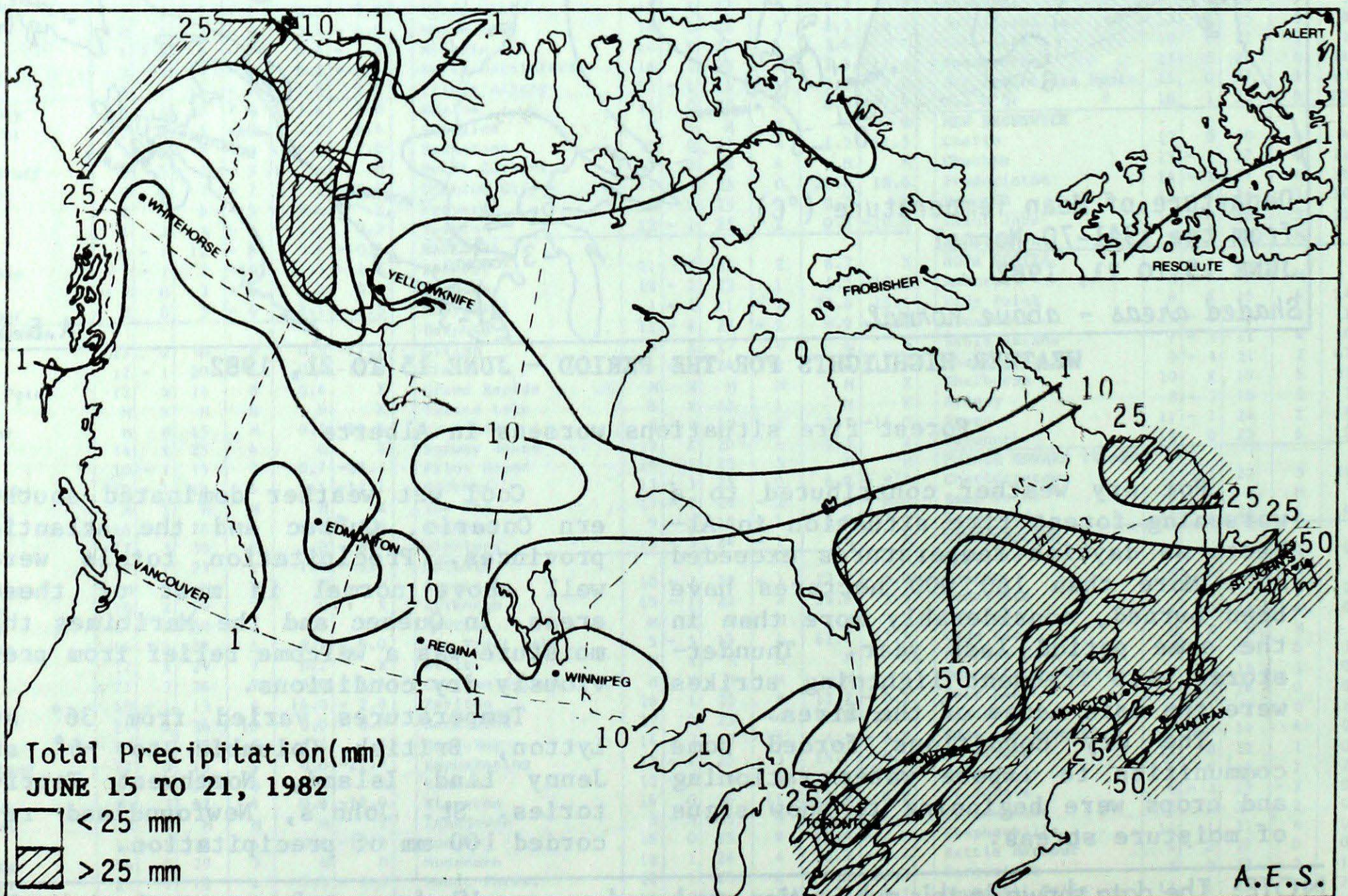
Very warm and dry weather dominated the province. Several cities set maximum temperature records from the 18th to 20th of June.

The majority of stations recorded no precipitation all week and the greatest weekly total was the 6.6 mm recorded at Langara.

The forest fire hazard in all areas is high to extreme. Logging operations on the north end of Vancouver Island are almost completely shut down. Some forest parks in southern Vancouver Island are closed. So far only the Fort St. John area reports agricultural problems due to the dry weather.

PRAIRIE PROVINCES

Hot dry conditions continued





across the western prairies while the eastern portions had an unsettled cool week. Record daytime temperatures in the low 30's contributed to a worsening forest fire situation in northern Alberta. To date 160 000 hectares have been burned, considerably more than the same period last year. Two communities in the Slave Lake area are on standby alert, one of which (Red Earth) has a gas processing plant. Showers have been very spotty; dry thunderstorms with frequent lightning strikes are the main cause of the fires.

Further to the south some communities are imposing water rationing measures and crops are beginning to show signs of moisture stress.

The eastern prairies on the other hand recorded below normal temperatures and generally unsettled conditions due to weak disturbances approaching from the northwest. Soil moisture conditions are good. All crops are planted but are one to two weeks behind last years growth due to the cool weather.

#### ONTARIO

Cool wet weather continued to plague the southern half of the province. Mean temperatures were 3° to 4° below normal. Record low temperatures were recorded at several stations on the 19th and 20th.

Rainfall totals were as high as 93 mm at Muskoka and West Guilford,

75 mm at Mount Forest, 77 mm at Mount Hope and 80 mm at Sandhill northwest of Toronto. Elsewhere rainfall totals ranged from 35 mm to 50 mm. Some concern is growing among farmers as to crop water-logging problems should the current conditions persist.

Conditions were better across northern Ontario with considerably more sunshine and much drier conditions than in the south.

#### QUEBEC

The cool wet weather covering the province was welcome news in many areas. The Sept-Iles to Trois-Rivière area, which had been dry, recorded four times the normal weekly rainfall. Precipitation deficits were greatly diminished in many other areas as well.

Most forest fires were put out by the rain. By the end of the week only one fire was burning and that was under control.

#### ATLANTIC PROVINCES

Cool wet weather was general throughout the Atlantic Provinces. Some record low temperature records were set in Newfoundland.

All stations recorded above normal rainfall amounts. The rain was welcome for agricultural crops and helped to bring the forest fire in the Beaver Brook area under control.

#### CLIMATIC PERSPECTIVES

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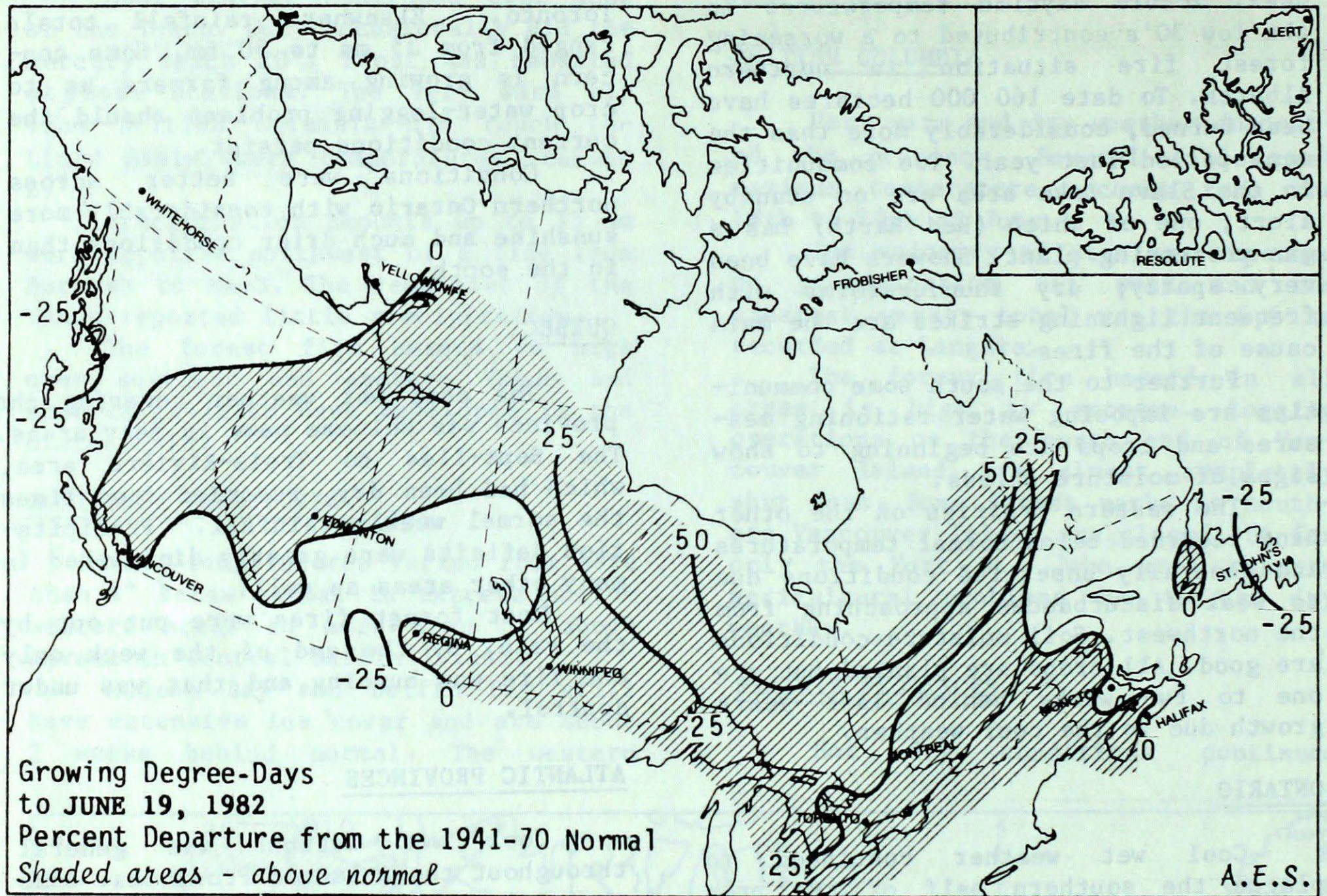
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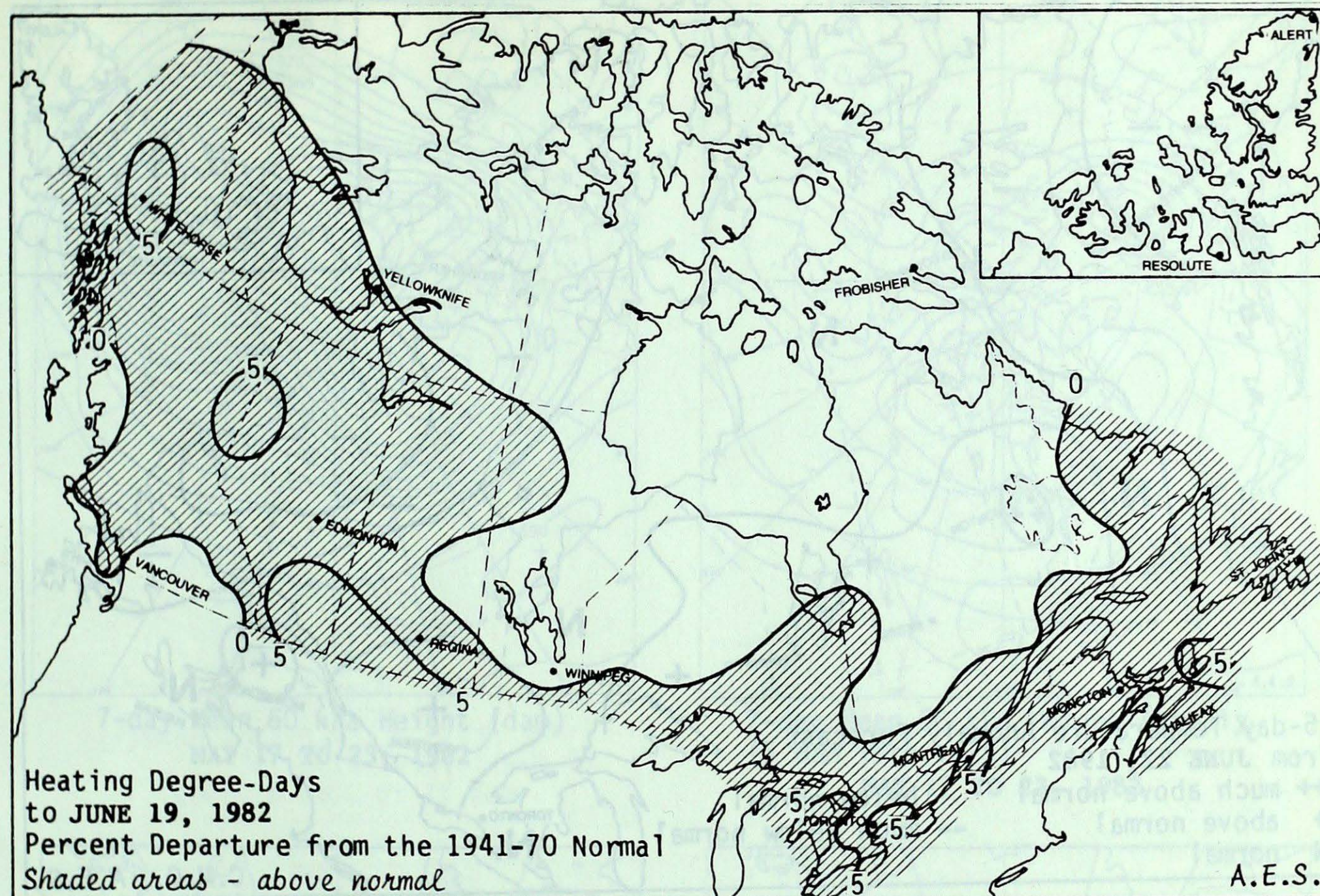
## GROWING DEGREE-DAY SUMMARY TO JUNE 19, 1982



CITY	MONTHLY CUMULATIVE TOTAL	MONTHLY DIFF. FROM 1941-70 NORMAL	SEASONAL TOTAL	SEASONAL DIFF. FROM 1941-70 NORMAL	SEASONAL PERCENT OF NORMAL
Whitehorse	130.0	-4.0	169.5	-27.5	86
Penticton	257.5	30.5	553.5	-65.5	89
Vancouver	208.5	24.5	526.0	-47.0	92
Edmonton	221.5	46.5	405.0	56.0	116
Calgary	156.5	3.5	313.0	6.0	102
Regina	188.5	-1.5	402.5	15.5	104
Saskatoon	186.5	-0.5	324.5	-60.5	84
Winnipeg	147.5	-59.5	469.0	64.0	116
Thunder Bay	131.0	-28.0	313.5	34.5	112
Windsor	240.5	-18.5	737.0	80.0	112
Toronto	189.0	-43.0	541.0	17.0	103
Ottawa	223.5	-15.5	610.0	97.0	119
Montreal	233.0	-7.0	608.5	92.5	118
Quebec	199.5	6.5	439.0	58.0	115
Fredericton	185.5	-3.5	401.0	23.0	106
Halifax	121.5	-46.5	235.5	-63.5	79
Charlottetown	146.0	-11.0	225.0	-28.0	89
St John's	44.0	-42.0	62.0	-51.0	55



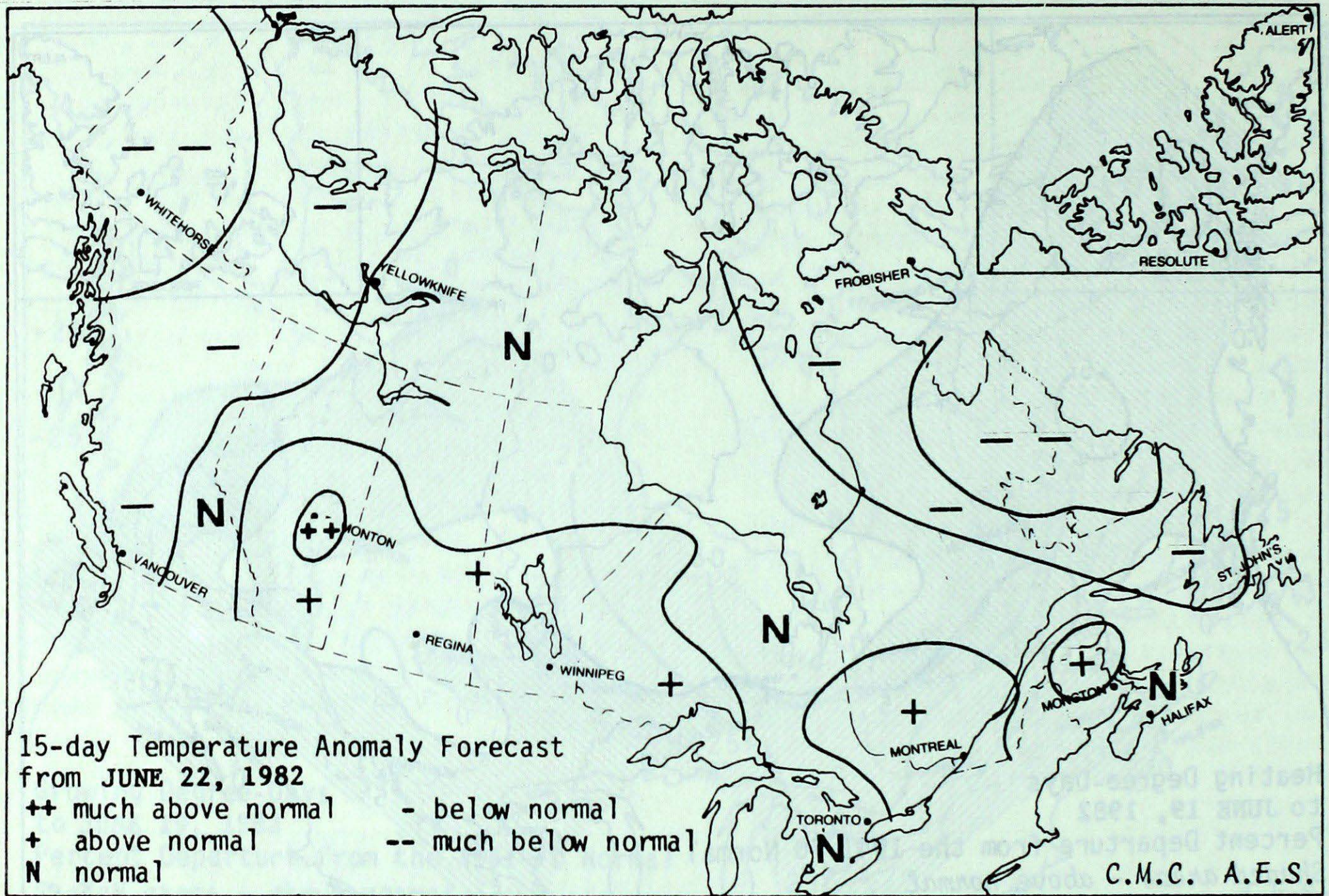
## HEATING DEGREE-DAY SUMMARY TO JUNE 19, 1982



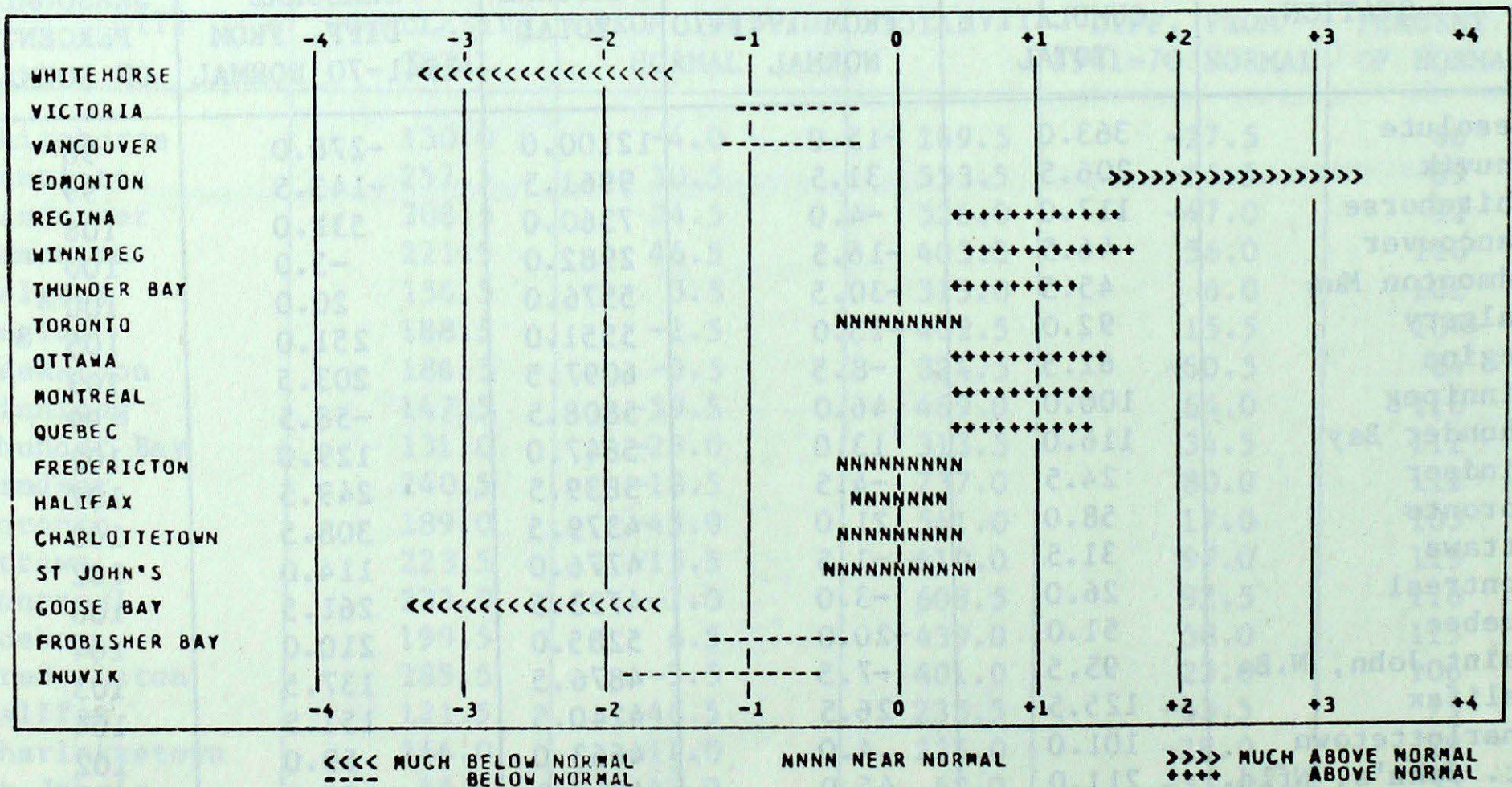
STATION	MONTHLY CUMULATIVE TOTAL	MONTHLY DIFF. FROM 1941-70 NORMAL	SEASONAL TOTAL	SEASONAL DIFF. FROM 1941-70 NORMAL	SEASONAL PERCENT OF NORMAL
Resolute	363.0	-15.0	12100.0	-278.0	98
Inuvik	206.5	31.5	9961.5	-143.5	99
Whitehorse	117.0	-4.0	7360.0	531.0	108
Vancouver	46.5	-16.5	2982.0	-3.0	100
Edmonton Mun	45.5	-30.5	5576.0	20.0	100
Calgary	92.0	-13.0	5551.0	251.0	105
Regina	62.5	-8.5	6097.5	203.5	103
Winnipeg	100.0	46.0	5808.5	-58.5	99
Thunder Bay	116.0	13.0	5847.0	129.0	102
Windsor	24.5	-4.5	3839.5	249.5	107
Toronto	58.0	21.0	4379.5	308.5	108
Ottawa	31.5	-1.5	4776.0	114.0	102
Montreal	26.0	-3.0	4723.5	261.5	106
Quebec	51.0	-20.0	5285.0	210.0	104
Saint John, N.B.	95.5	-7.5	4876.5	137.5	103
Halifax	125.5	26.5	4240.5	151.5	104
Charlottetown	101.0	4.0	4663.0	69.0	102
St. John's, Nfld.	211.0	45.0	4817.0	76.0	102



TEMPERATURE ANOMALY FORECAST

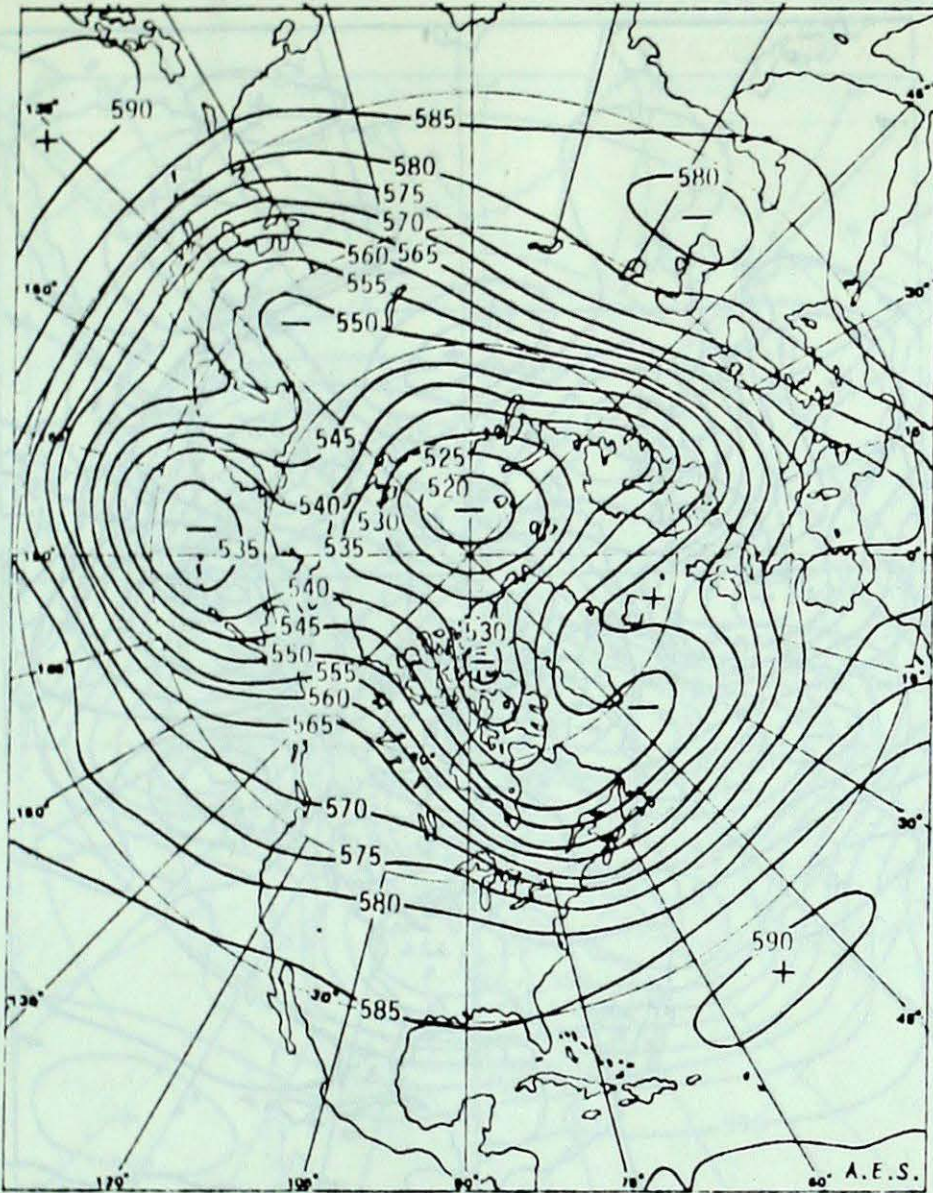


TEMPERATURE ANOMALY FORECAST FOR JUN 22 1982 TO JUL 6 1982

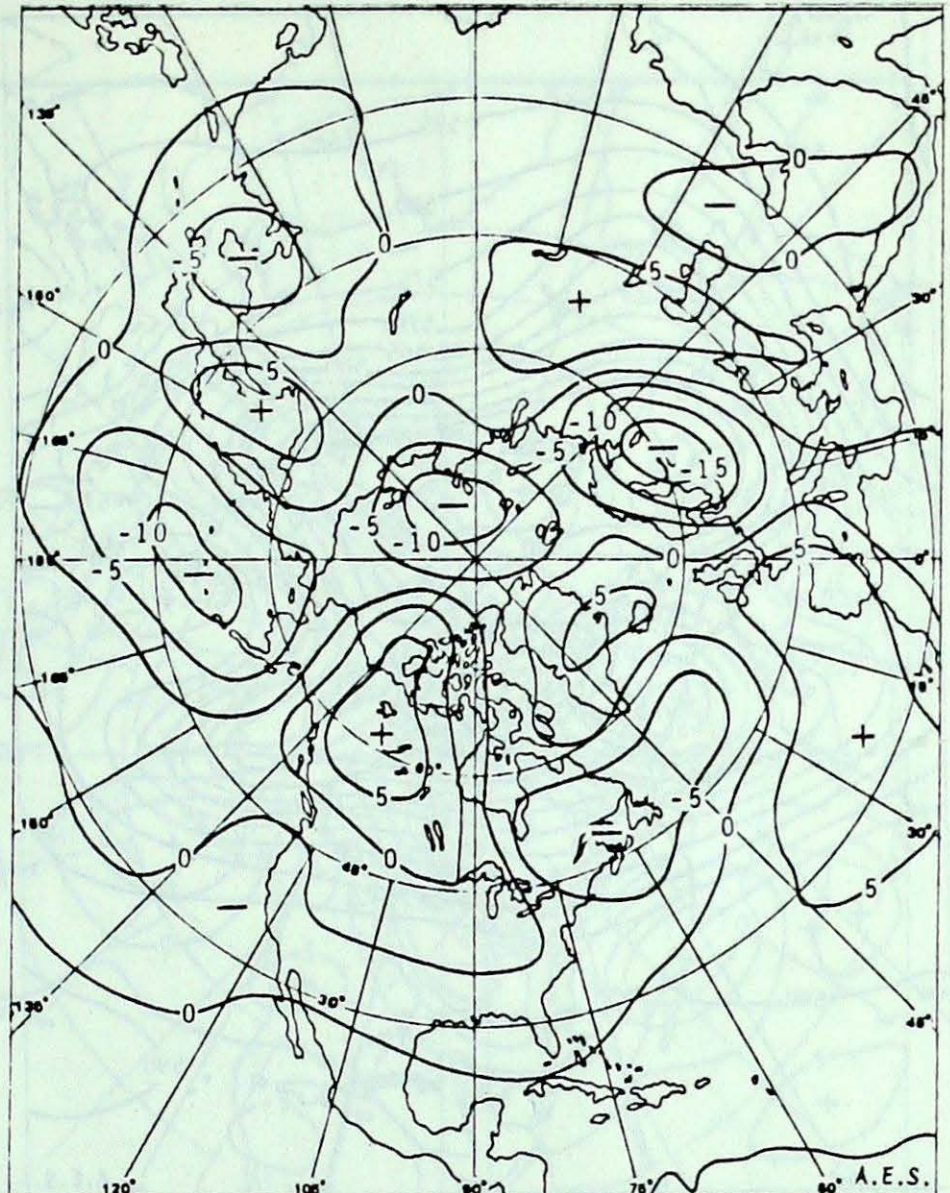




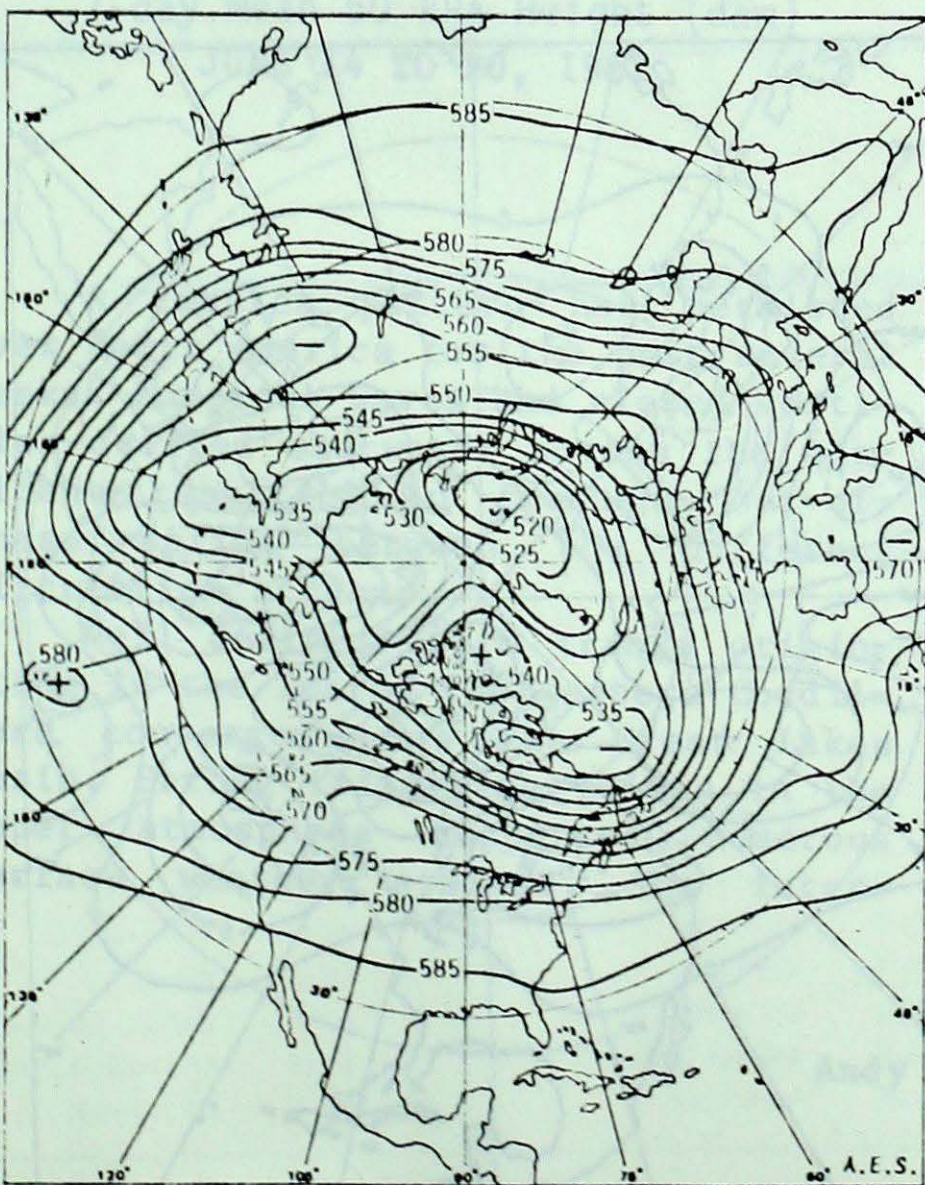
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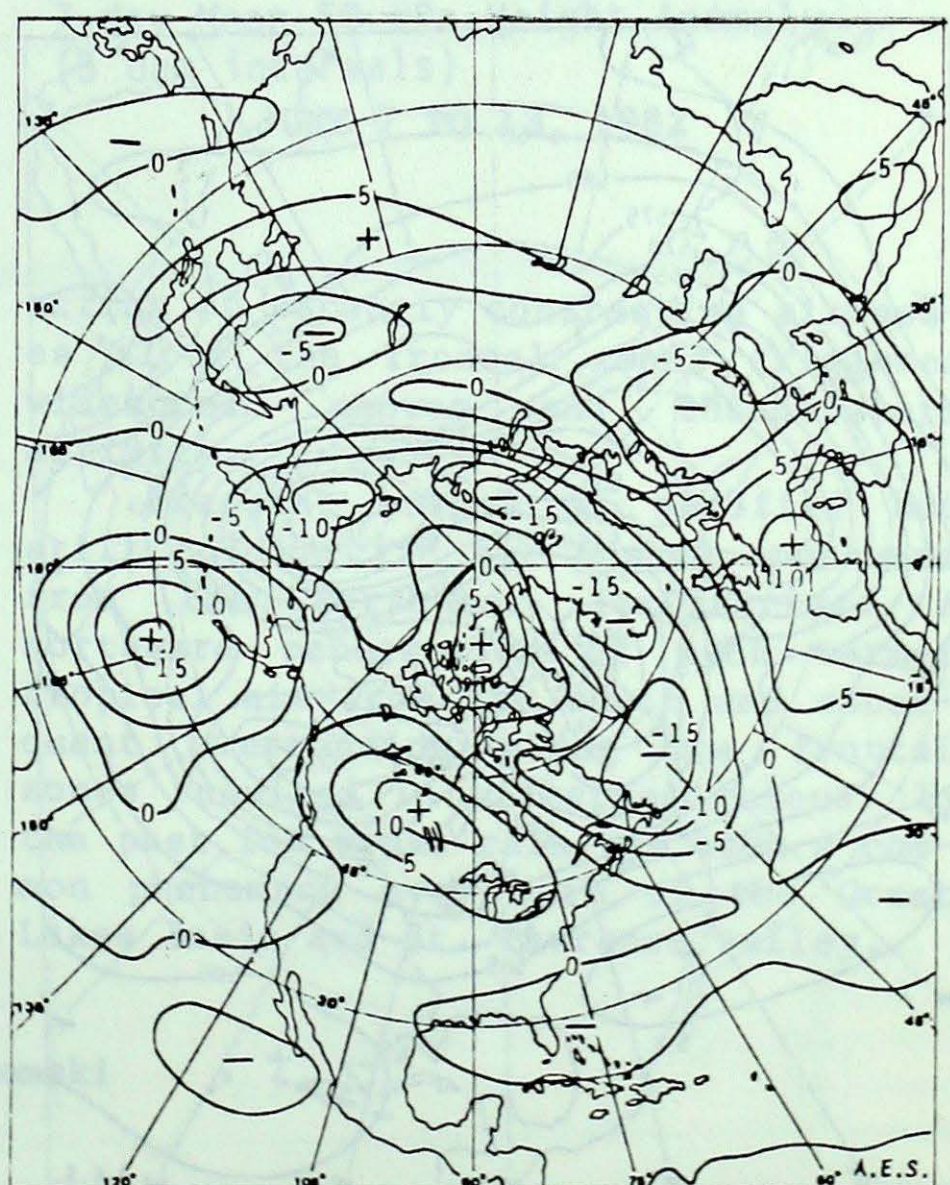
7-day Mean 50 kPa Height (dam)  
MAY 17 TO 23, 1982



7-day Mean 50 kPa Height Anomaly  
(5 dam intervals)  
MAY 17 TO 23, 1982



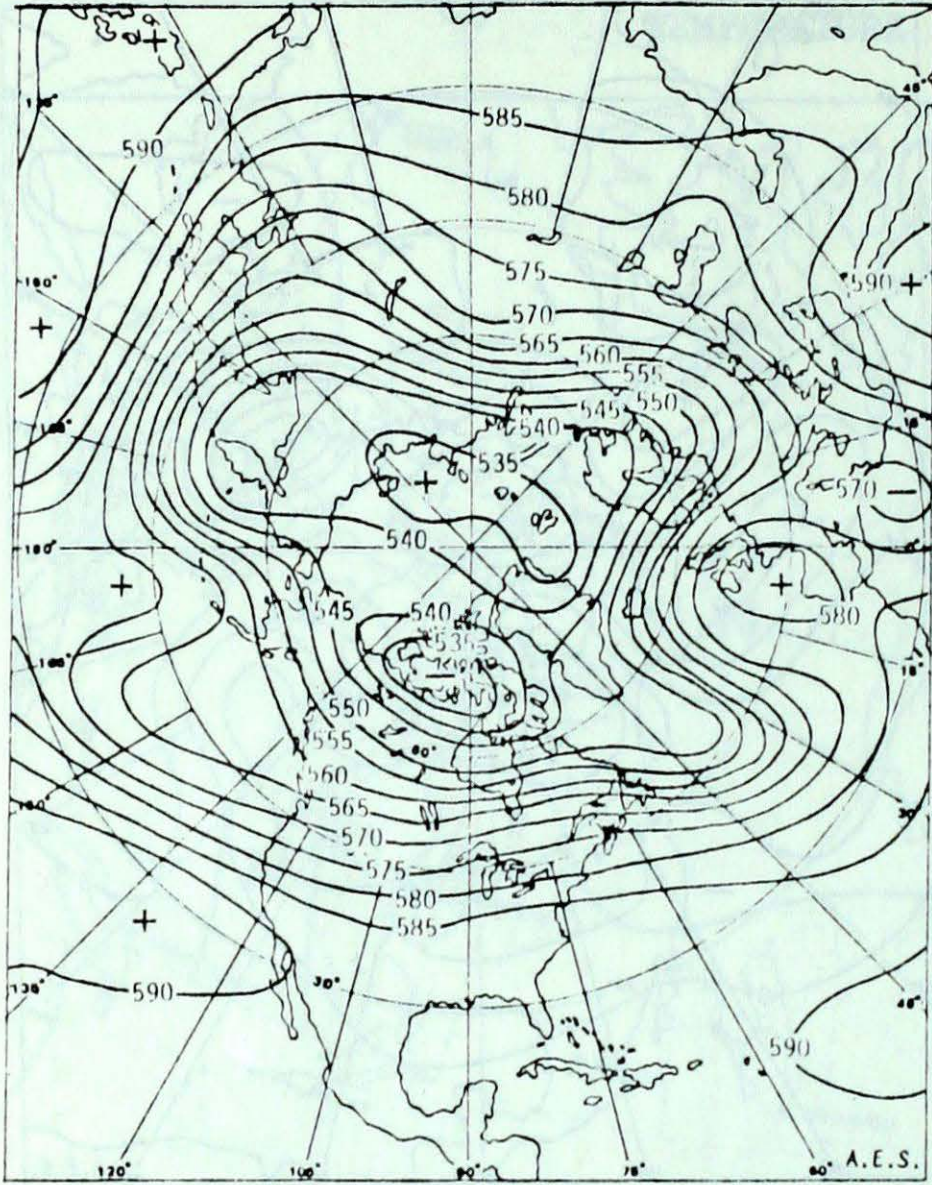
7-day Mean 50 kPa Height (dam)  
MAY 24 TO 30, 1982



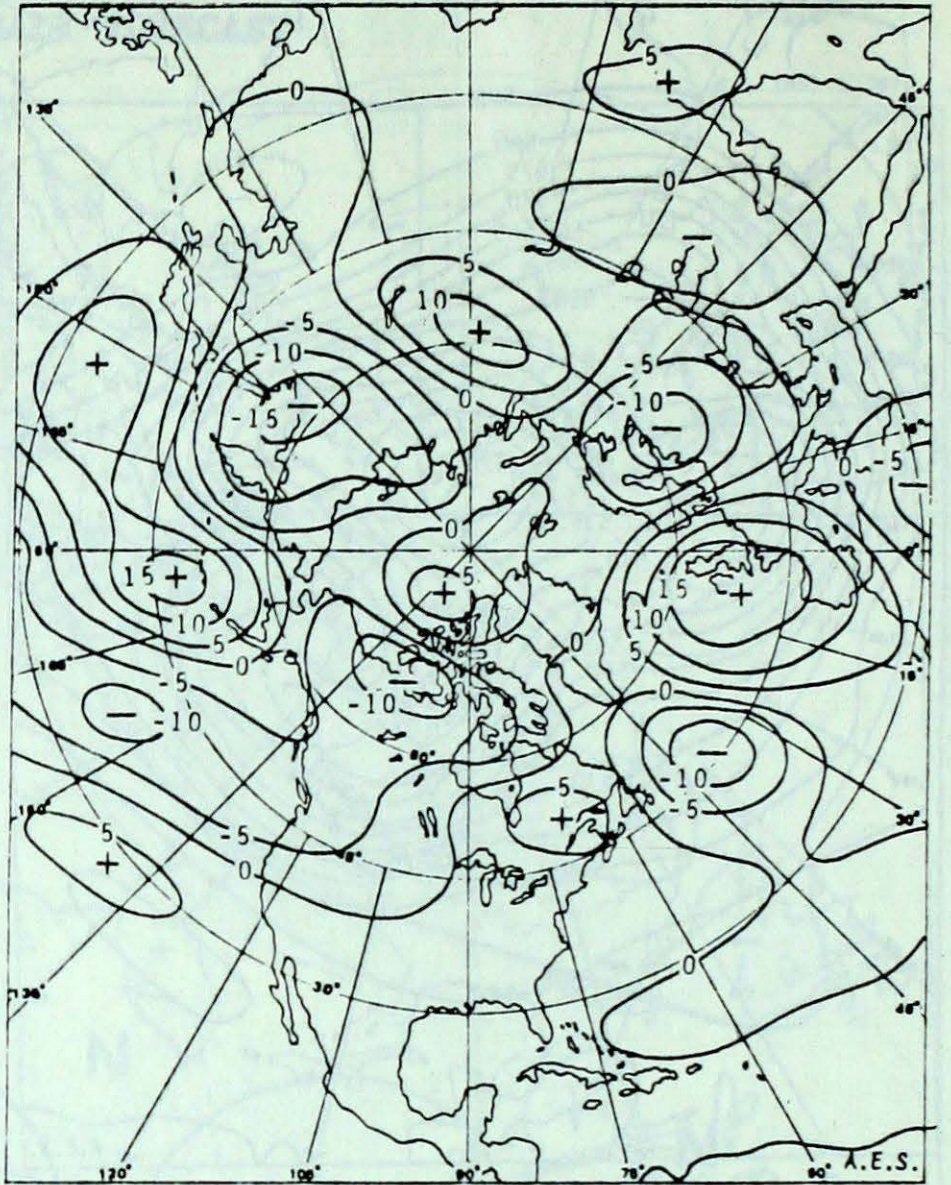
7-day Mean 50 kPa Height Anomaly  
(5 dam intervals)  
MAY 24 TO 30, 1982



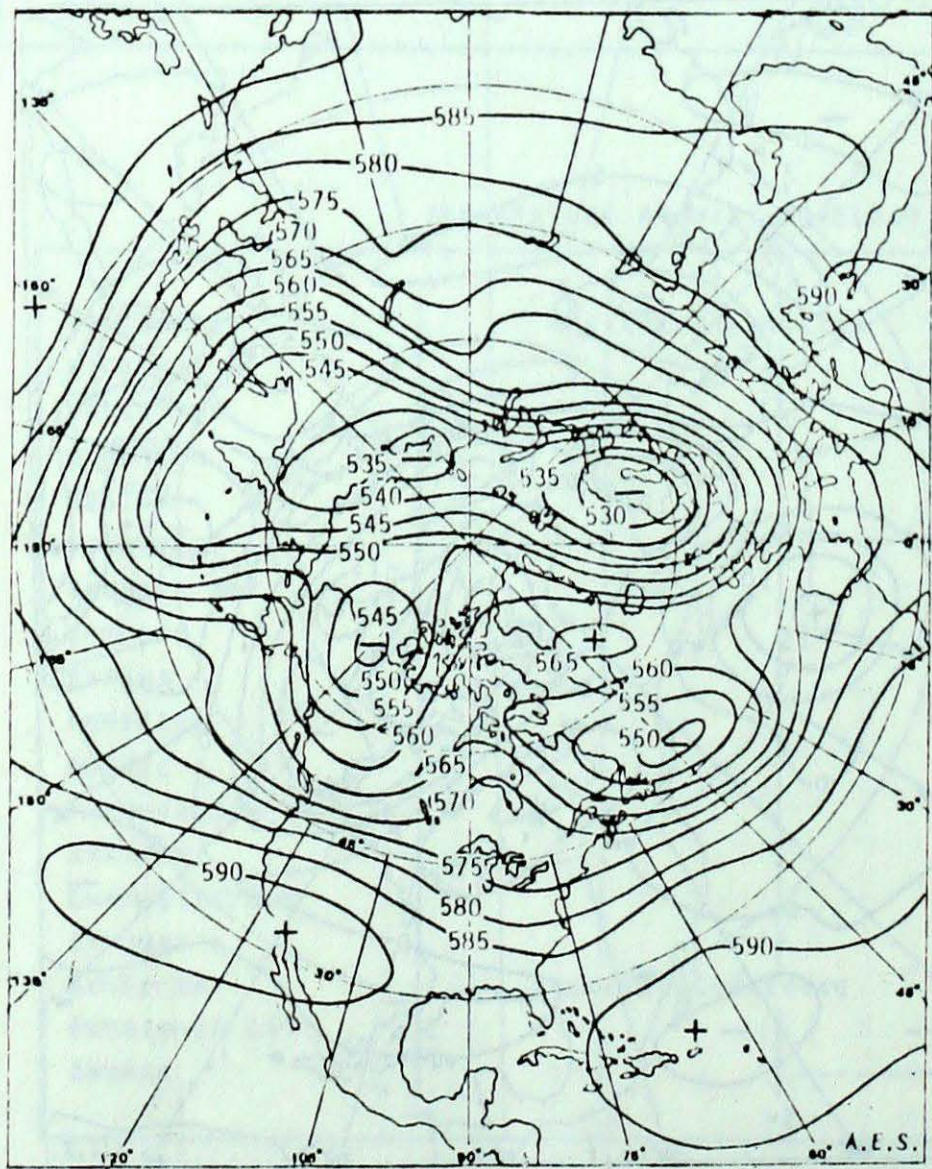
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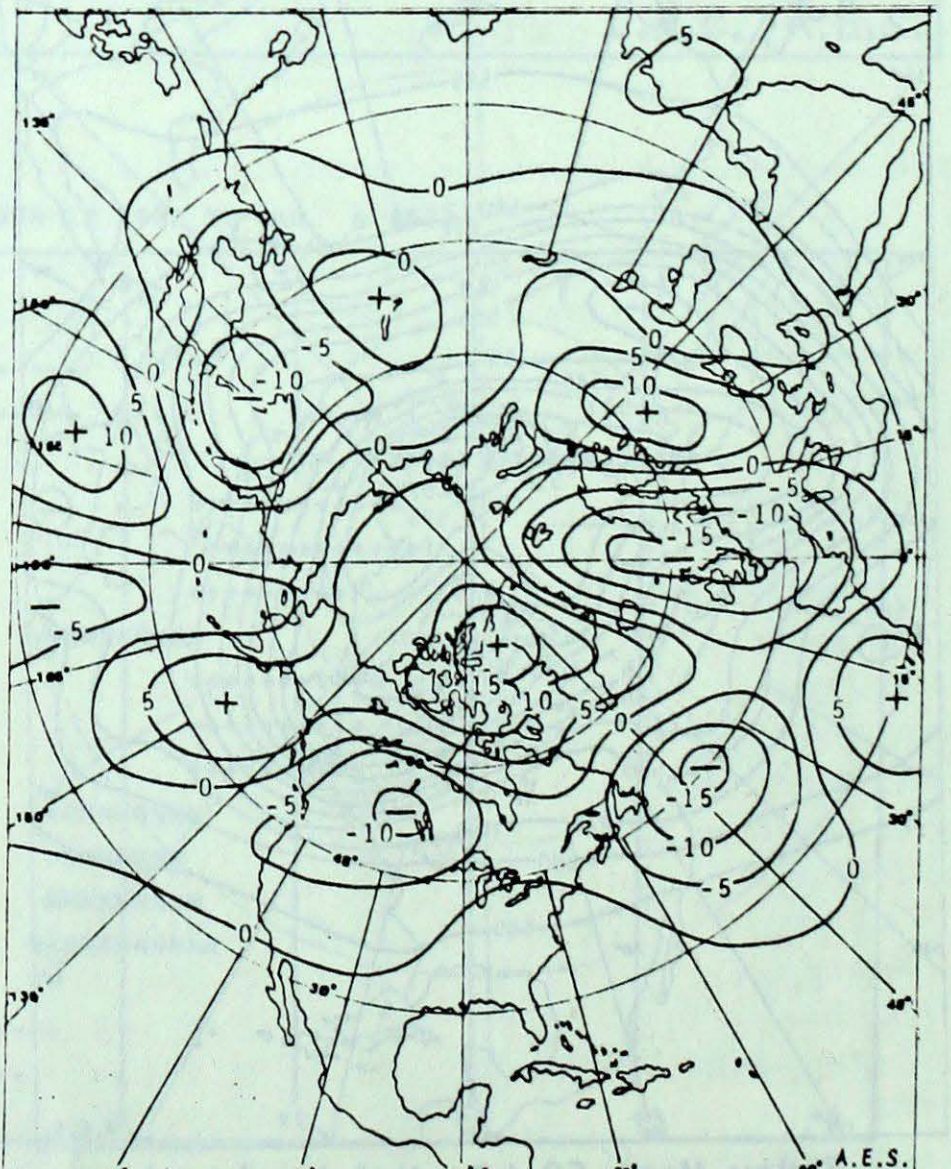
7-day Mean 50 kPa Height (dam)  
MAY 31 TO JUNE 6, 1982



7-day Mean 50 kPa Height Anomaly  
(5 dam intervals)  
MAY 31 TO JUNE 6, 1982

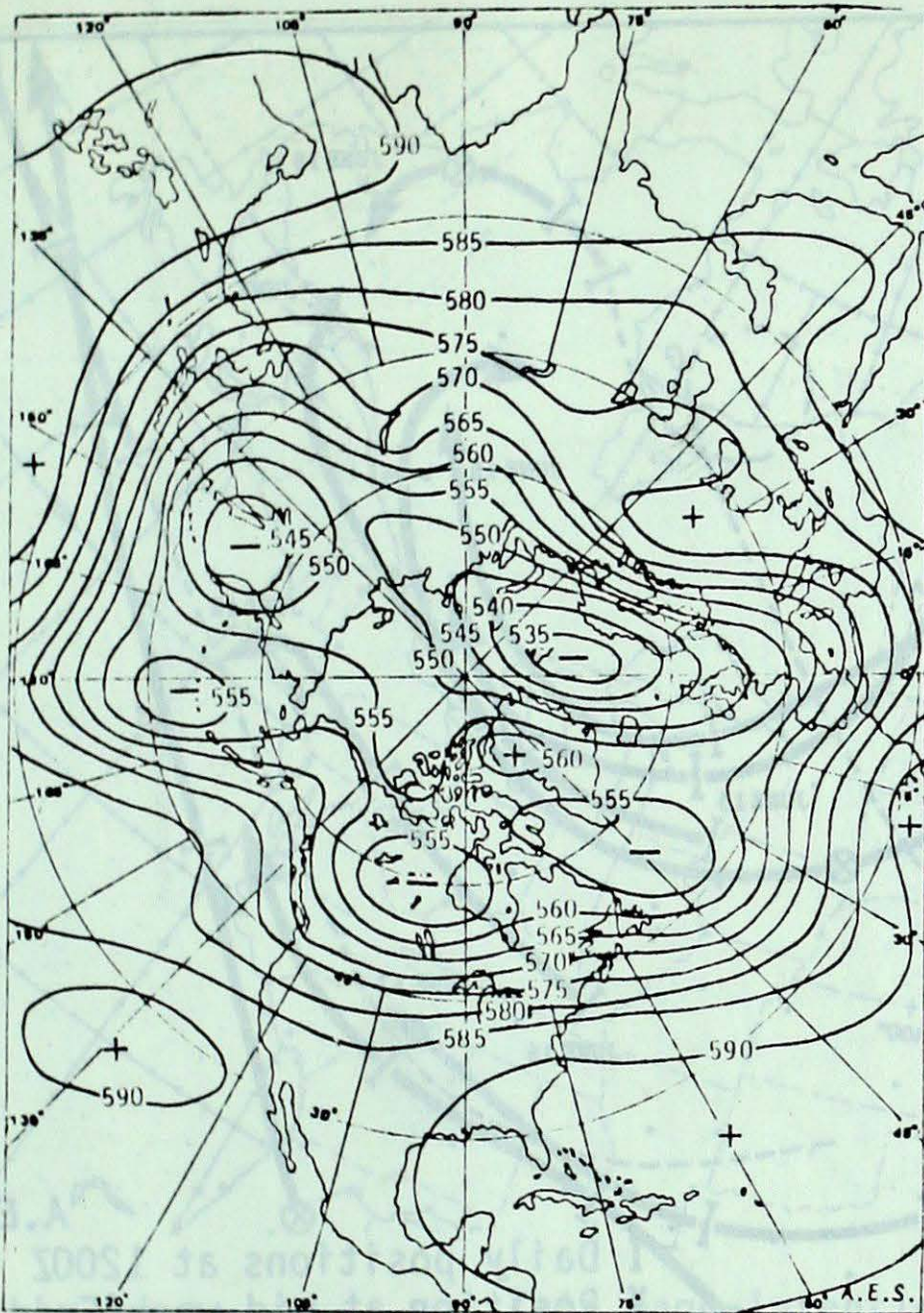


7-day Mean 50 kPa Height (dam)  
JUNE 7 TO 13, 1982

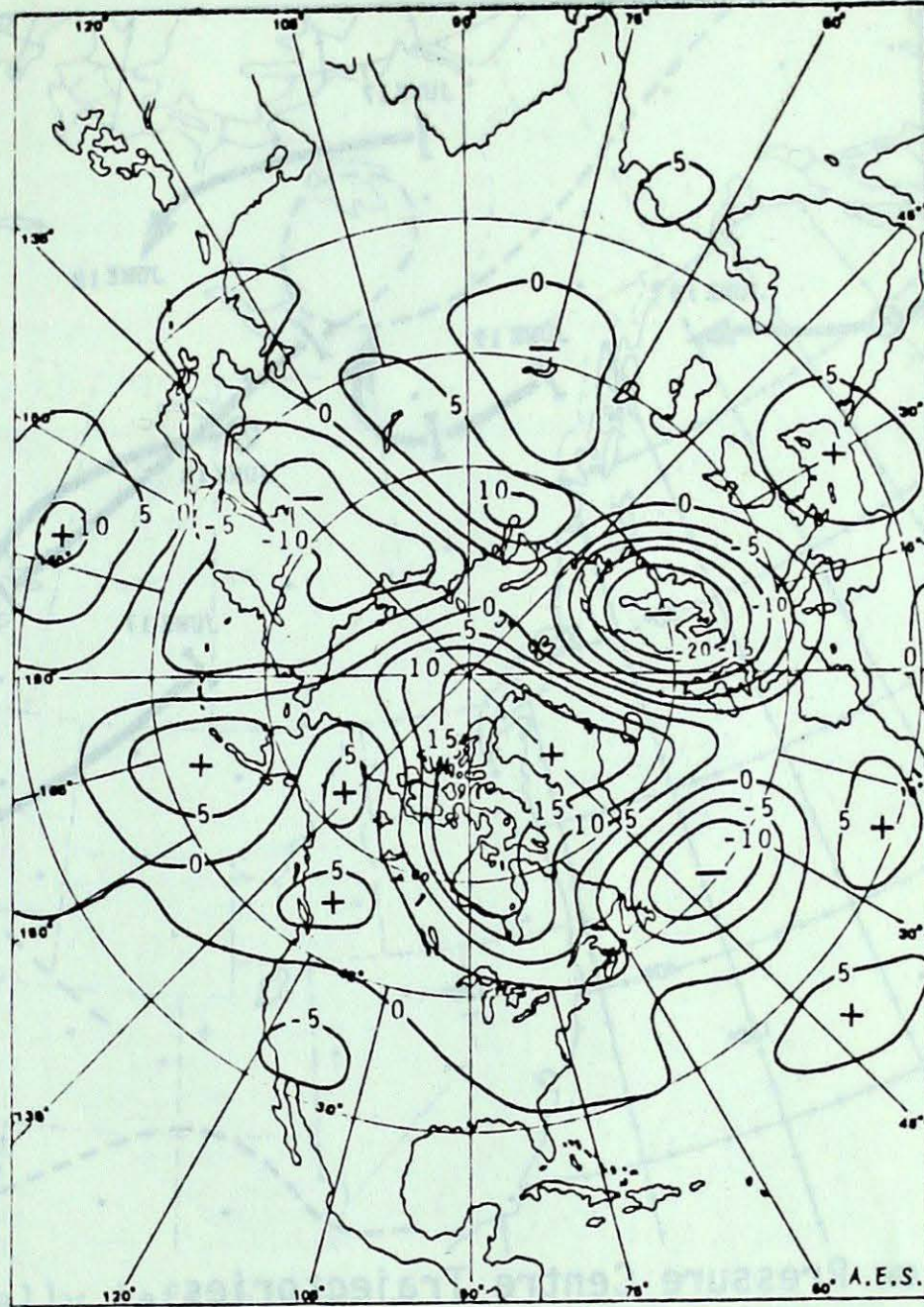


7-day Mean 50 kPa Height Anomaly  
(5 dam intervals)  
JUNE 14 TO 20, 1982





7-day Mean 50 kPa Height (dam)  
JUNE 14 TO 20, 1982



7-day Mean 50 kPa Height Anomaly  
(5 dam intervals)  
JUNE 7 TO 13, 1982

A complex pattern has persisted over North America for the past several weeks. Numerous waves and closed vortices drifted eastwards across the continent resulting in frequent out-of-phase splits between the different circulation streams.

Well defined storm tracks originating in the lee of the western Cordillera converged upon the Great Lakes basin. Strong triggering pulses in the upper atmosphere supported numerous surface weather systems. The inter-

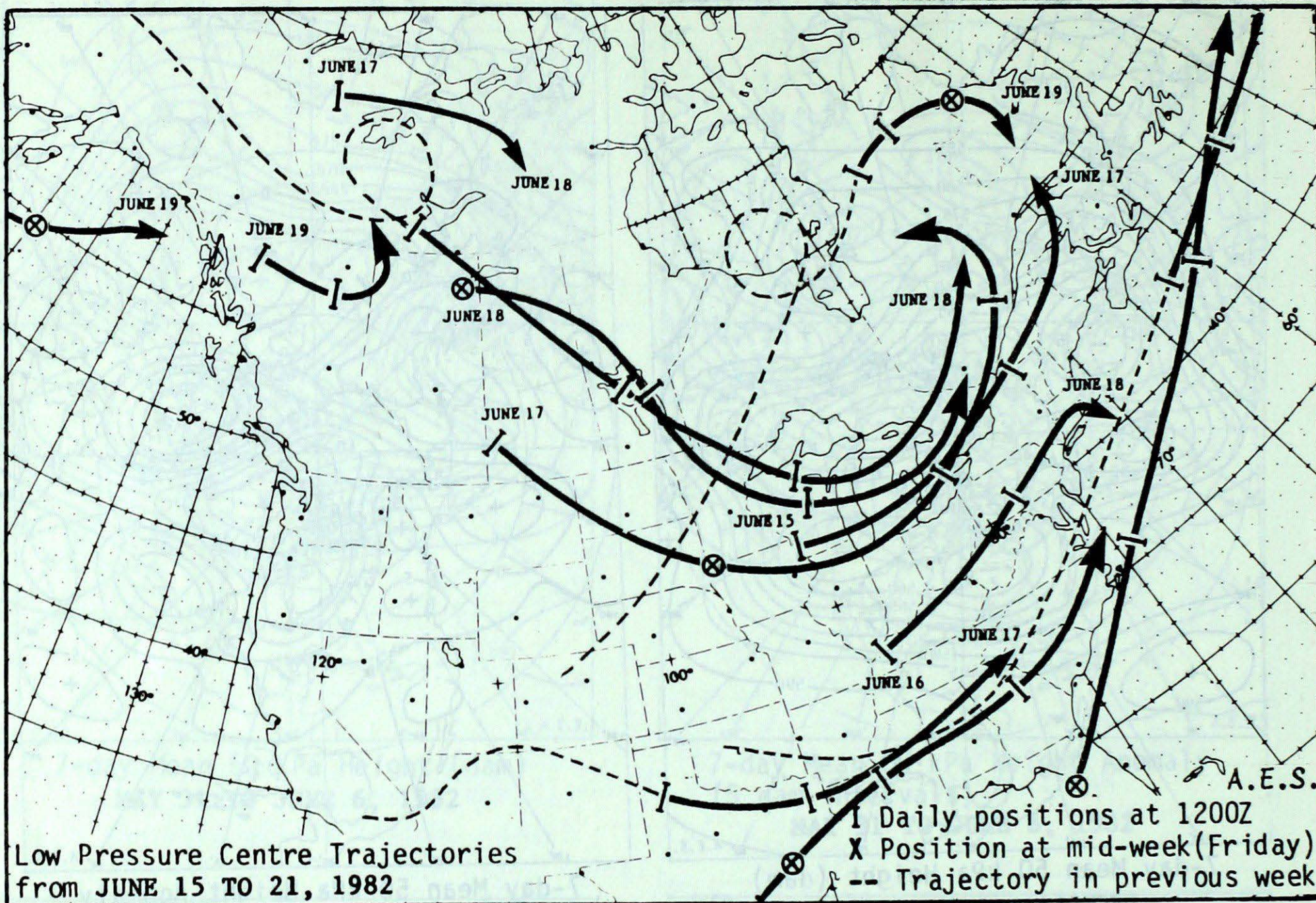
action of strongly contrasting airmasses along the frontal zones triggered widespread shower and thunderstorm activity.

Frequent surges of modified but still cold Arctic air pushed southward from the Northwest Territories. A northward penetration of much warmer tropical air from the south and subsequent overrunning along the frontal zones resulted in widespread cloud. In the past few weeks rain has been a common phenomena over much of the Great Lakes Basin and St. Lawrence valley.

Andy Radomski



LOW PRESSURE CENTRE TRAJECTORIES



EXTREMES FOR THE WEEK

	MAXIMUM TEMPERATURE	LOCATION	MINIMUM TEMPERATURE	LOCATION	GREATEST PRECIPITATION	LOCATION
YUKON TERRITORY	27.3	WATSON LAKE	-2.3	KOMATUK BEACH	49.0	BURWASH
NORTHWEST TERRITORIES	25.0	FORT SIMPSON	-6.0	JENNY LIND ISLAND	32.1	FORT SIMPSON
BRITISH COLUMBIA	36.7	LYTTON	1.2	DEASE LAKE	6.6	LANGARA
ALBERTA	33.2	CORCORATION	3.9	EDSON	19.2	WHITECOURT
SASKATCHEWAN	31.7	KINGERSLEY NORTH BATTLEFORD	.6	BROADVIEW	25.4	SASKATOON
MANITOBA	24.3	WINNIPEG	-0.2	CHURCHILL THOMPSON	27.2	PORTAGE LA PRAIRIE
ONTARIO	27.8	WINDSOR	-1.5	ARMSTRONG	93.0	MUSKOKA
QUEBEC	24.8	SHERBROOKE	-1.6	KOARTAK	81.0	SEPT-ILES
NEW BRUNSWICK	25.4	MONCTON	6.3	CHATHAM	48.4	CHARLOTTETOWN
NOVA SCOTIA	24.6	GREENWOOD	6.1	SHEARWATER	88.4	SABLE ISLAND
PRINCE EDWARD ISLAND	24.4	SUMMERSIDE	8.1	CHARLOTTETOWN	23.6	CHARLOTTETOWN
NEWFOUNDLAND	22.0	ST ALEANS	-0.5	HOPECALE	100.0	ST JOHNS

7-day Mean 50 kPa Height (dam)  
JUNE 7 TO 13, 1982

7-day Mean 50 kPa Height Anomaly  
(5 dam intervals)  
JUNE 14 TO 20, 1982



# CLIMATIC PERSPECTIVES

Year	Month	Day	Temperature (F)	Humidity (%)	Wind Speed (mph)	Pressure (in)	Clouds (%)	Precipitation (in)	Notes
1962	July	3	78	75	10	30.0	10	0.0	Clear, calm
1962	July	4	82	78	12	29.8	20	0.1	Light rain
1962	July	5	85	80	15	29.5	40	0.5	Thunderstorm
1962	July	6	80	75	10	30.0	10	0.0	Clear
1962	July	7	83	78	12	29.8	20	0.1	Light rain
1962	July	8	86	80	15	29.5	40	0.5	Thunderstorm
1962	July	9	81	75	10	30.0	10	0.0	Clear
1962	July	10	84	78	12	29.8	20	0.1	Light rain
1962	July	11	87	80	15	29.5	40	0.5	Thunderstorm
1962	July	12	82	75	10	30.0	10	0.0	Clear
1962	July	13	85	78	12	29.8	20	0.1	Light rain
1962	July	14	88	80	15	29.5	40	0.5	Thunderstorm
1962	July	15	83	75	10	30.0	10	0.0	Clear
1962	July	16	86	78	12	29.8	20	0.1	Light rain
1962	July	17	89	80	15	29.5	40	0.5	Thunderstorm
1962	July	18	84	75	10	30.0	10	0.0	Clear
1962	July	19	87	78	12	29.8	20	0.1	Light rain
1962	July	20	90	80	15	29.5	40	0.5	Thunderstorm
1962	July	21	85	75	10	30.0	10	0.0	Clear
1962	July	22	88	78	12	29.8	20	0.1	Light rain
1962	July	23	91	80	15	29.5	40	0.5	Thunderstorm
1962	July	24	86	75	10	30.0	10	0.0	Clear
1962	July	25	89	78	12	29.8	20	0.1	Light rain
1962	July	26	92	80	15	29.5	40	0.5	Thunderstorm
1962	July	27	87	75	10	30.0	10	0.0	Clear
1962	July	28	90	78	12	29.8	20	0.1	Light rain
1962	July	29	93	80	15	29.5	40	0.5	Thunderstorm
1962	July	30	88	75	10	30.0	10	0.0	Clear
1962	July	31	91	78	12	29.8	20	0.1	Light rain

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Departure of Mean Temperature from the 1941-70 mean

June 22 to 25, 1962

Shaded areas above 100%

Minimum thunderstorm streak index

Optimal

Optimal

Optimal

Optimal

Optimal

Optimal

Optimal

Departure of Mean Temperature from the 1941-70 mean

June 22 to 25, 1962

Shaded areas above 100%

Minimum thunderstorm streak index

Optimal

Optimal

Optimal

Optimal

Optimal

Optimal

Optimal

Departure of Mean Temperature from the 1941-70 mean

June 22 to 25, 1962

Shaded areas above 100%

Minimum thunderstorm streak index

Optimal

Optimal

Optimal

Optimal

Optimal

Optimal

Optimal

NOTE: The data for this report are based on observations from the following stations: ...



TEMPERATURE AND PRECIPITATION DATA FOR THE WEEK ENDING 0600 G.M.T. JUNE 22, 1982

Station	Temperature (°C)				Precip. (mm)	
	Average	Departure from Normal	Extreme Maximum	Extreme Minimum	Total	Departure from Normal
<b>YUKON</b>						
Burwash	9	-2	18	-1	49.0	35.8
Dawson	11	-3	20	1	27.2	19.4
Faro	M	X	M	M	M	X
Komakuk Beach	1	-3	5	-2	2.0	2.0
Mayo A	12	-3	20	2	12.5	6.0
Shingle Point	2	-5	8	-2	17.6	14.5
Teslin	M	X	14P	-1P	M	X
Watson Lake	13	0	27	2	2.5	-10.5
Whitehorse	11	-2	21	1	0.0	-6.2
<b>NORTHWEST TERRITORIES</b>						
Cape Parry	1	-1	3	-2	27.0	21.5
Cape Young	2	-1	6	-2	2.0	-1.3
Clinton Point	1	-3	5	-5	0.0	-4.3
Contwoyto Lake	M	M	M	M	M	M
Coppermine	2	-2	10	-4	1.8	-2.8
Fort Reliance	10	1	21	2	2.6	-8.6
Fort Simpson	15	0	25	4	32.1	25.6
Fort Smith	16	3	25	6	1.5	-6.1
Hay River	14	2	25	6	19.0	13.8
Inuvik	7	-5	17	-1	27.2	23.3
Lady Franklin Point	4	-1	13	-2	8.2	3.7
Nicholson Peninsula	2	-3	7	-2	2.0	-0.4
Norman Wells	11	-3	18	6	25.0	16.9
Port Radium	M	X	M	M	M	X
Robertson Lake	M	X	M	M	M	X
Tuktoyaktuk	3	-3	10	-2	7.6	6.2
Yellowknife	14	1	22	6	0.6	-3.2
Baker Lake	6	1	15	0	0.0	-5.7
Coral Harbour	5	3	11	1	0.0	-6.4
Ennadai Lake	M	M	M	M	M	M
Jenny Lind Island	0	-1	6	-6	8.3	3.7
Pelly Bay	2	2	6	-1	1.0	-2.0
Rankin Inlet	3	X	12	-2	M	X
Shepherd Bay	1	0	5	-2	20.5	19.9
Alert	0	-1	6	-4	0.2	-3.6
Broughton Island	2	2	5	-1	0.0	-10.9
Cape Dorset	4	X	9	-1	0.0	X
Cape Dyer	2	1	6	-2	2.2	-13.6
Cape Hooper	2	2	7	-5	M	M
Clyde	1	-1	5	-5	0.2	-2.7
Dewar Lakes	3	3	11	0	1.3	-1.9
Eureka	5	1	13	0	M	M
Frobisher Bay	4	0	8	1	0.0	-8.8
Gladman Point	0	-1	5	-4	4.0	2.3
Hall Beach	1	1	5	-2	0.0	-2.6
Longstaff Bluff	3	1	11	-2	M	M
Mackay Inlet	3	3	6	0	0.0	-2.0
Pond Inlet	2	X	8	-4	2.0	X
Resolute	1	0	4	-2	3.2	-0.5
Byron Bay	2	-2	8	-3	7.5	6.9
Cambridge Bay	1	-1	7	-3	6.1	1.7
Mould Bay	0	-1	3	-3	M	M
Sachs Harbour	2	0	7	-3	0.0	-1.5
<b>BRITISH COLUMBIA</b>						
Abbotsford	21	5	35	9	0.0	-11.8
Alert Bay	13	0	21	7	0.0	-10.8
Amphitrite Point	14	X	24	9	0.0	X
Blue River	M	X	M	M	M	X
Bull Harbour	M	M	17	8P	0.0	-14.8
Burns Lake	16	X	30	4	0.0	X
Cape Scott	12	1	17	9	1.0	-17.0
Cape St James	12	1	18	8	0.3	-14.3
Clinton	M	X	M	M	M	X
Comox	21	5	31	12	0.0	-6.9
Cranbrook	19	4	31	8	0.6	-16.7
Dease Lake	12	2	26	1	0.6	-8.6
Estevan Point	M	M	M	M	M	M
Ethelda Bay	12	X	21	4	M	X
Fort Nelson	19	4	32	6	0.2	-12.9
Fort St John	19	5	30	9	0.0	-13.2
Hope	21	X	34	11	0.0	X
Kamloops	24	5	36	11	0.0	-3.9
Langara	11	0	16	6	6.6	-16.1
Lytton	25	6	37	11	0.0	-1.4
Mackenzie	17	X	32	3	0.0	X
McInnes Island	14	1	18	9	0.2	-20.4
Nanaimo A	21	X	32	9	M	X
Penticton	23	6	35	12	0.0	-6.0
Port Alberni	M	X	M	M	M	X
Port Hardy	14	1	22	6	0.0	-11.4
Prince George	18	5	32	5	0.4	-12.8
Prince Rupert	13	1	19	5	1.0	-20.9
Puntzi Mountain	M	X	M	M	M	X
Quesnel	19	5	33	7	0.4	-8.9
Revelstoke	22	5	35	9	0.0	-11.5
Sandspit	14	2	20	9	0.0	-9.9

Station	Temperature (°C)				Precip. (mm)	
	Average	Departure from Normal	Extreme Maximum	Extreme Minimum	Total	Departure from Normal
Smithers	17	4	31	4	0.0	-8.5
Stewart	16	X	28	7	M	X
Terrace	18	4	31	7	0.0	-8.0
Vancouver	19	4	28	11	0.0	-8.7
Victoria	19	4	32	8	0.0	-4.6
Williams Lake	19	4	32	8	0.0	-10.6
<b>ALBERTA</b>						
Banff	16	5	28	4	M	M
Calgary	17	4	30	7	6.2	-13.8
Cold Lake	18	3	30	8	0.5	-17.4
Coronation	17	3	33	5	0.0	-12.1
Edmonton Intl	18	4	31	5	0.2	-13.5
Edmonton Nanao	20	5	31	7	0.0	-13.5
Edson	17	4	29	4	7.0	-14.6
Fort Chipewyan	16	2	26	4	M	M
Fort McMurray	18	4	31	6	6.7	-9.9
Grande Prairie	19	5	31	6	0.0	-12.6
High Level	18	4	29	5	3.6	0.2
Jasper	18	5	30	5	0.2	-10.3
Lac La Biche	M	X	M	M	M	X
Lethbridge	18	3	30	7	3.6	-16.3
Medicine Hat	19	3	33	9	18.0	7.3
Peace River	20	6	33	9	0.0	-9.2
Red Deer	18	5	29	6	1.8	-19.8
Rocky Mountain House	17	4	28	6	6.2	-22.6
Slave Lake	17	4	31	5	0.0	-21.4
Vermilion	18	4	31	9	0.2	-14.3
Whitecourt	18	5	30	4	19.2	2.4
<b>SASKATCHEWAN</b>						
Broadview	14	X	25	1	4.6	X
Buffalo Narrows	15	1	25	7	M	M
Collins Bay	11	X	20	3	11.3	X
Cree Lake	13	X	21	6	20.2	X
Eastend Cypress	M	X	M	M	M	X
Estevan	16	0	27	4	0.4	-24.2
Hudson Bay	13	-1	23	3	M	M
Kindersley	18	3	32	8	2.2	-6.7
La Ronge	14	0	23	5	9.7	0.3
Meadow Lake	16	X	31	4	5.2	X
Moose Jaw	17	1	29	5	6.6	-8.8
Nipawin	14	X	26	4	1.0	X
North Battleford	18	2	32	7	11.4	0.2
Prince Albert	15	1	26	3	2.4	-10.0
Regina	16	1	28	6	7.7	-11.8
Rockglen	M	X	M	M	M	X
Saskatoon	17	2	30	7	25.4	15.2
Swift Current	16	1	29	5	M	M
Uranium City	14	0	21	5	8.2	1.1
Wynyard	15	X	25	5	3.6	X
Yorkton	13	-2	24	3	6.0	-7.2
<b>MANITOBA</b>						
Bissett	12	1	21	1	8.9	X
Brandon	13	-3	24	4	6.0	-8.0
Churchill	2	-5	7	0	1.0	-7.9
Dauphin	12	-3	22	1	13.3	-11.4
Gillam	9	X	18	3	9.6	X
Gimli	13	-3	20	8	5.8	-7.9
Grand Rapids	M	X	M	M	M	X
Island Lake	11	X	18	3	M	X
Lynn Lake	12	0	23	4	14.1	-2.0
Norway House	12	X	20	4	25.8	X
Pilot Mound	13	-3	23	6	M	M
Portage	14	-3	23	6	27.2	7.8
The Pas	13	-2	23	4	5.6	-4.6
Thompson	11	-1	20	0	4.7	-6.7
Winnipeg	13	-3	24	4	6.4	-10.4
<b>ONTARIO</b>						
Armstrong	10	-3	19	-2	M	M
Atikokan	10	-4	19	0	6.4	-20.8
Barrie	M	X	M	M	M	X
Big Trout Lake	9	-3	17	4	11.3	-7.3
Britt	M	X	M	M	M	X
Carlbou Island	M	X	M	M	M	X
Earlton	11	-5	21	4	M	M
Geraldton	10	-2	19	2	10.6	-22.8
Gore Bay	12	-4	20	6	16.7	6.8
Kapuskasing	11	-4	19	3	5.1	-14.6
Kenora	12	-4	19	5	10.6	-8.2
Kingston	16	-1	21	10	M	M
Lansdowne	10	-4	18	3	15.2	0.3
London	15	-3	23	8	40.8	20.0
Moosonee	11	-1	19	4	12.4	-7.5
Mount Forest	13	-2	19	5	94.6	76.0
Muskoka	15	-1	21	6	92.2	78.1
Nagagamit	M	X	M	M	M	X
North Bay	12	-3	19	5	34.7	18.4
Ottawa	16	-2	23	11	45.3	28.9

Station	Temperature (°C)				Precip. (mm)	
	Average	Departure from Normal	Extreme Maximum	Extreme Minimum	Total	Departure from Normal
Petawawa	14	X	22	4	64.2	X
Pickle Lake	10	-3	19	2	18.2	2.4
Red Lake	12	-3	19	4	2.4	-10.6
Simcoe	M	M	25P	11P	M	M
Stouffville	11	-4	19	5	5.8	-12.1
Sudbury	12	-4	20	4	22.4	8.1
Thunder Bay	12	-2	20	3	17.5	-0.9
Timmins	11	-4	19	3	12.4	-7.0
Toronto	15	-3	22	8	32.4	18.8
Trenton	16	-3	21	8	39.1	27.9
Upsala	M	X	M	M	M	X
Wawa	9	X	19	0	5.2	X
Warton	12	-4	20	5	76.3	61.4
Windsor	18	-2	28	10	49.7	24.7
<b>QUÉBEC</b>						
Bagotville	13	-3	21	3	58.8	37.4
Bale Comeau	11	-3	22	5	42.8	24.0
Blanc Sablon	7	0	14	4	M	M
Border	M	M	M	M	M	M
Chevery	M	X	M	M	M	X
Chibougamau	10	X	18	2	42.0	X
Gaspé	10	X	19	3	29.0	X
Grindstone Island	12	0	18	7	30.8	15.2
Inoué/Jouac	8	3	16	0	0.8	-5.4
Kuuju						