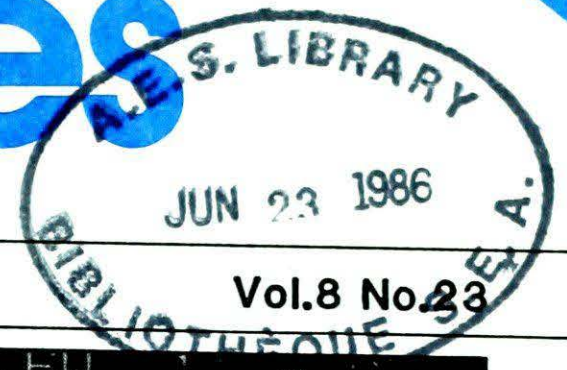


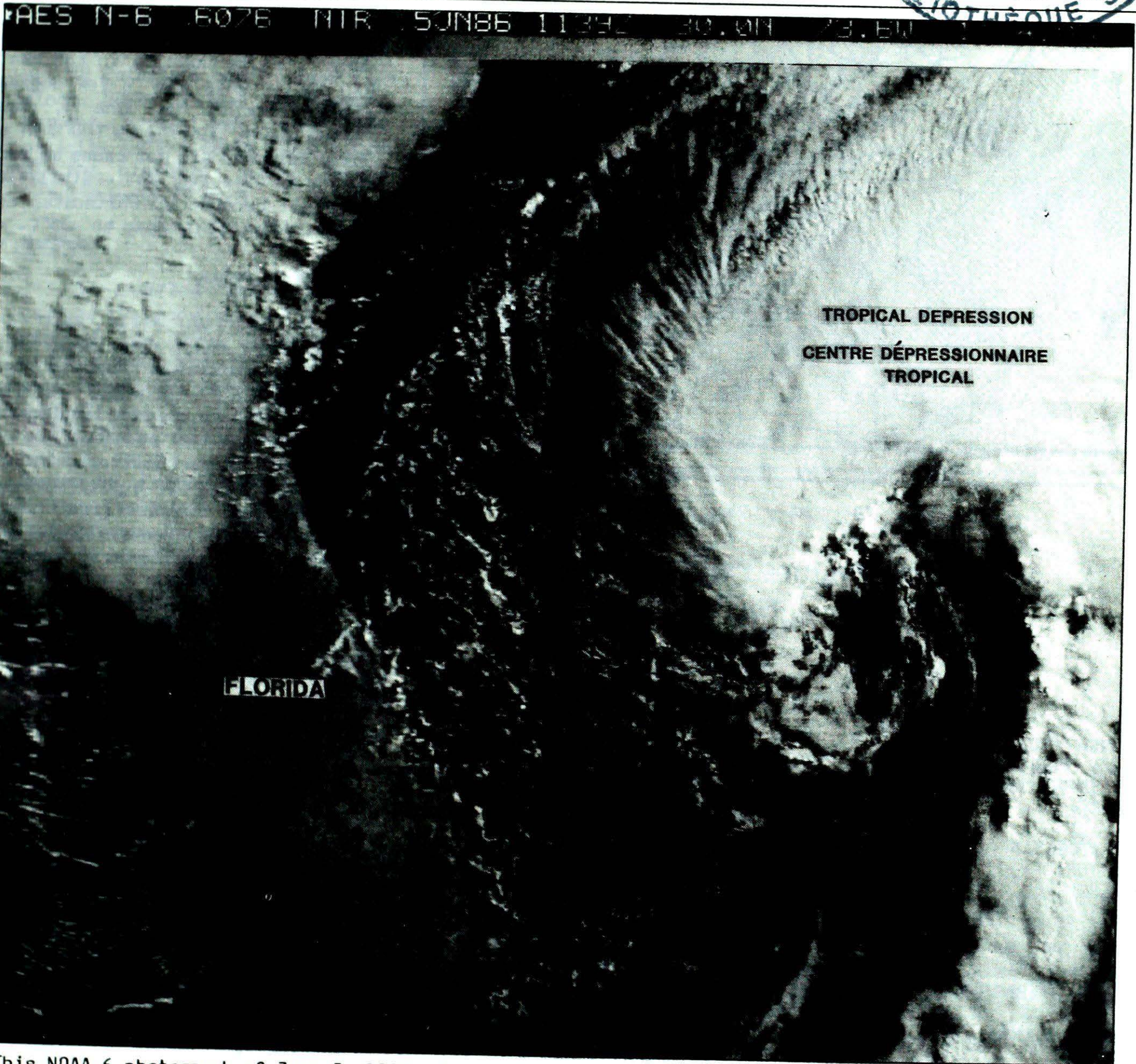
Climatic Perspectives



A weekly review of Canadian climate

June 3 to 16, 1986

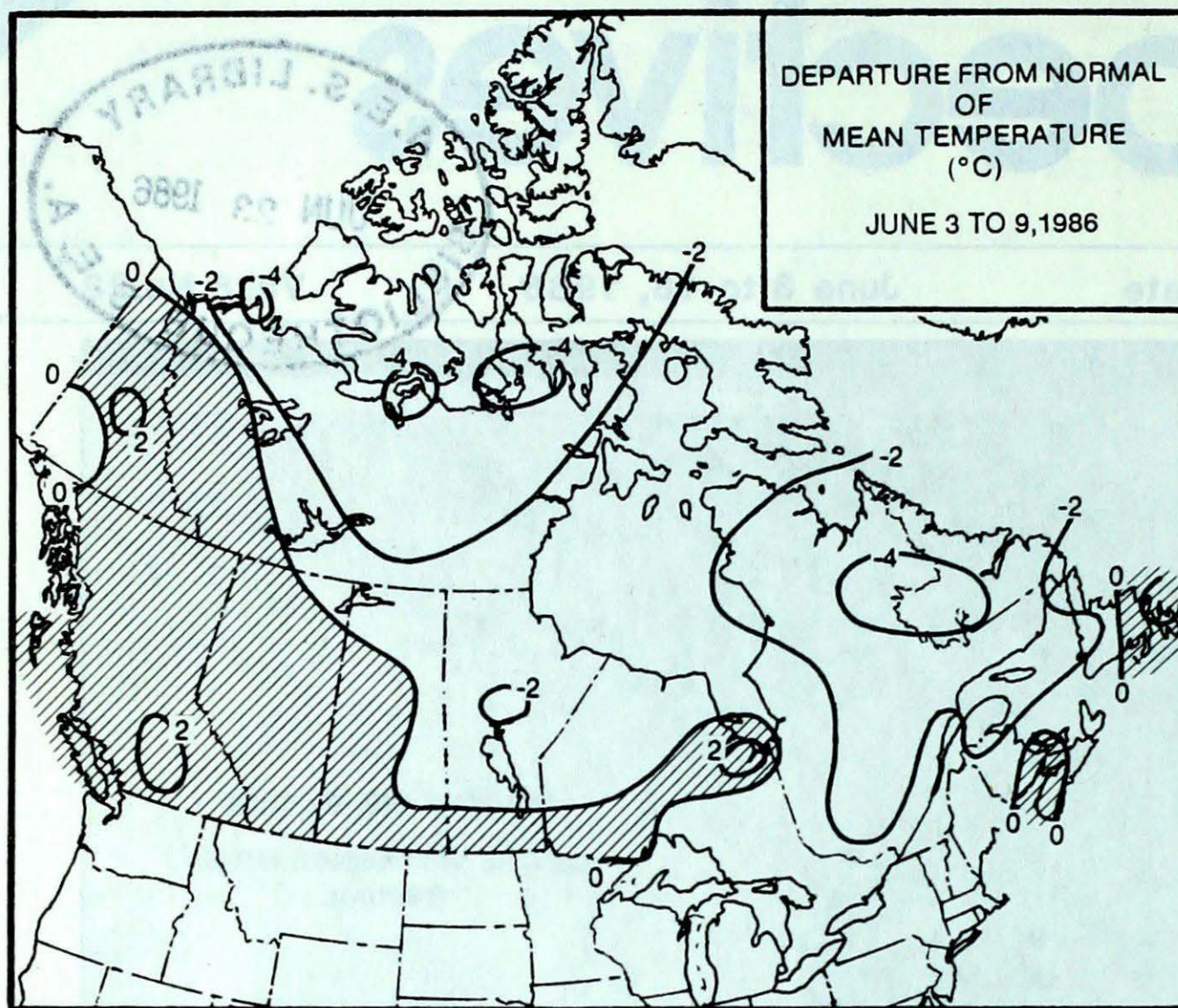
Vol.8 No.23



This NOAA 6 photograph of June 5, 1986, shows a tropical depression forming several hundred kilometres off Florida's east coast. For more information see page 3.

- ***Damp weather stabilizes fires in Northwestern Ontario***
- ***Severe thunderstorms roll across Saskatchewan and Manitoba***
- ***Killing frost in Southern Quebec***

TEMPERATURE



ACROSS THE COUNTRY...

Yukon and Northwest Territories

In the Yukon, sunny and warm weather turned cloudy and cool for the weekend. Ice bridges on the Dempster Highway have been closed, and ferry services are expected to begin shortly. Temperatures in the Mackenzie District soared to 30°C on June 7, while readings in the eastern Arctic were only a few degrees above freezing. On June 4, very strong winds, gusting to 100 km/h at Coral Harbour, did not cause as much damage as expected, but visibilities were nil because of whiteouts, and the wind chill dropped to -35°C.

British Columbia

It was generally warm and sunny, even along the coast. More seasonal temperature readings have eased flooding problems in the interior, where summer logging has begun. Haying has commenced in the southern valleys. Scattered showers were beneficial for agriculture and lowered the forest fire hazard index. Isolated thunderstorms, with hail and heavy downpours, occurred in the Okanagan and the Kootenays. Lightning strikes started several small fires. Strong winds, gusting to 70 km/h near Fort Nelson, downed power and phone lines on June 2.

Prairie Provinces

Temperatures cooled off considerably from last week. In Alberta it was primarily sunny, with scattered shower or thundershower activity developing during the afternoons. Further to the east, weather conditions were more unsettled with varying amounts of cloud and sun. An approaching cold front brought severe weather to Saskatchewan and Manitoba on June 2 and 3. On June 2, thunderstorms produced marble to golfball size hail at a number of locations in the two provinces, including Saskatoon. In addition to hail on June 3, a tornado ripped through a farming community 20 km southeast of Assiniboia. After mid-week, temperatures became significantly cooler across the north, with overnight readings dropping to below freezing, setting a number of new daily low temperature records.

WEEKLY TEMPERATURE EXTREME (C)

	MAXIMUM	MINIMUM
BRITISH COLUMBIA	LYTTON 31	DEASE LAKE -2
YUKON TERRITORY	WATSON LAKE 27	SHELDON LAKE -5
NORTHWEST TERRITORIES	FORT SIMPSON 30	GLADMAN POINT A -13
ALBERTA	HIGH LEVEL 27	FORT CHIPEWYAN 0
SASKATCHEWAN	LA RONGE 27	COLLINS BAY -6
MANITOBA	WINNIPEG INT'L 26	THOMPSON -5
ONTARIO	WINDSOR 27	GERALDTON -2
QUEBEC	ROBERVAL 27	SCHEFFERVILLE -6
NEW BRUNSWICK	FREDERICTON 24	CHARLO 0
NOVA SCOTIA	GREENWOOD 22	SYDNEY 1
PRINCE EDWARD ISLAND	CHARLOTTETOWN 21	CHARLOTTETOWN 5
NEWFOUNDLAND	COMFORT COVE 25	SUMMERSIDE -3

ACROSS THE NATION

WARMEST MEAN TEMPERATURE	20	LYTTON	BC
COOLEST MEAN TEMPERATURE	-8	PELLY BAY	NWT

Ontario

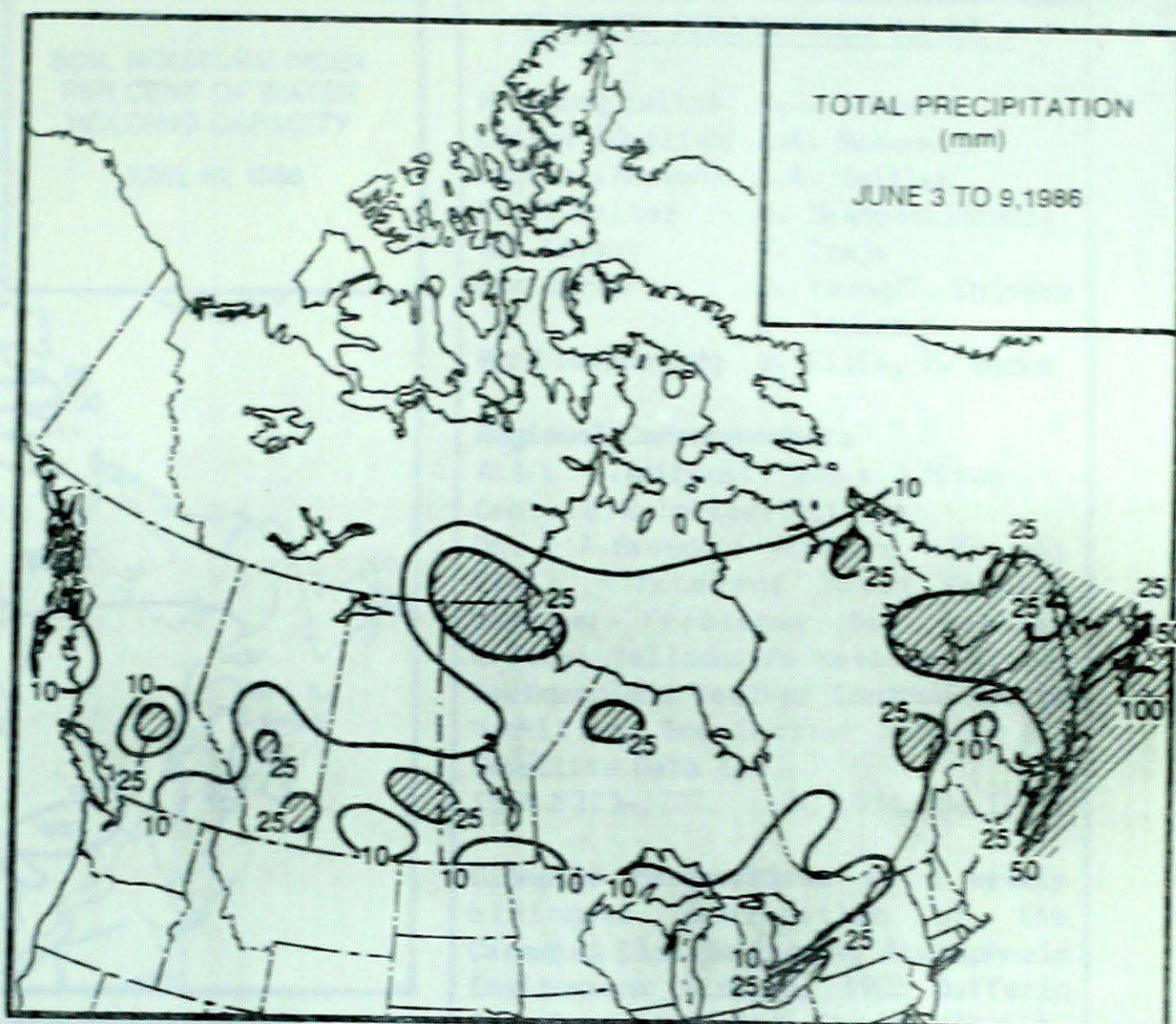
In northern Ontario, the weather was cooler and more unsettled than last week, stabilizing the forest fire situation somewhat. Twenty-four fires were still burning in the province; two of them were out of control. The major blaze near Red Lake, burning since early May, has destroyed more than 130,000 hectares of prime softwood, and is Ontario's worst forest fire since 1983. Several disturbances brought shower and thundershower activity to the lower lakes region of the province, giving locally heavy amounts of rain.

Quebec

A modified Arctic airmass covered the province at the beginning of the week, dropping overnight temperatures in most areas well below the freezing mark. On June 2 and 3, a killing frost caused heavy damage to the corn, tobacco, potato and strawberry crop in the St. Lawrence Valley and the Eastern Townships. It is estimated that between 30 and 50 percent of the new seedlings have been damaged. On the morning of June 3, minimum temperatures registered between -3 and -6 degrees. In the south, five new low temperature records were established for the month of June, as well as numerous daily temperature records.

Atlantic Provinces

In the Maritimes, a mixture of cloud and sun dominated the week's weather. Fog formed near the Atlantic coast, particularly during the latter part of the period. The remnants of tropical storm Andrew brought heavy rain to the region on June 8. In Newfoundland, the heaviest precipitation fell during the early and latter parts of the period. On June 3, 10-20 cm of snow fell over the northern parts of the Island, as temperatures hovered near freezing. Southern Newfoundland received more than 60 mm of rain. In Labrador, it was showery and cool with flurries during the first part of the period. Sunshine during the middle of the week gave way to a wet weekend.



HEAVIEST WEEKLY PRECIPITATION (mm)

BRITISH COLUMBIA	WILLIAMS LAKE	26
YUKON TERRITORY	MAYO	6
NORTHWEST TERRITORIES	ENNADAI LAKE	33
ALBERTA	RED DEER	25
SASKATCHEWAN	YORKTON	33
MANITOBA	CHURCHILL	38
ONTARIO	WINDSOR	46
QUEBEC	NATASHQUAN	34
NEW BRUNSWICK	MISCOU ISLAND	21
NOVA SCOTIA	YARMOUTH	61
PRINCE EDWARD ISLAND	CHARLOTTETOWN	24
NEWFOUNDLAND	ST LAWRENCE	106

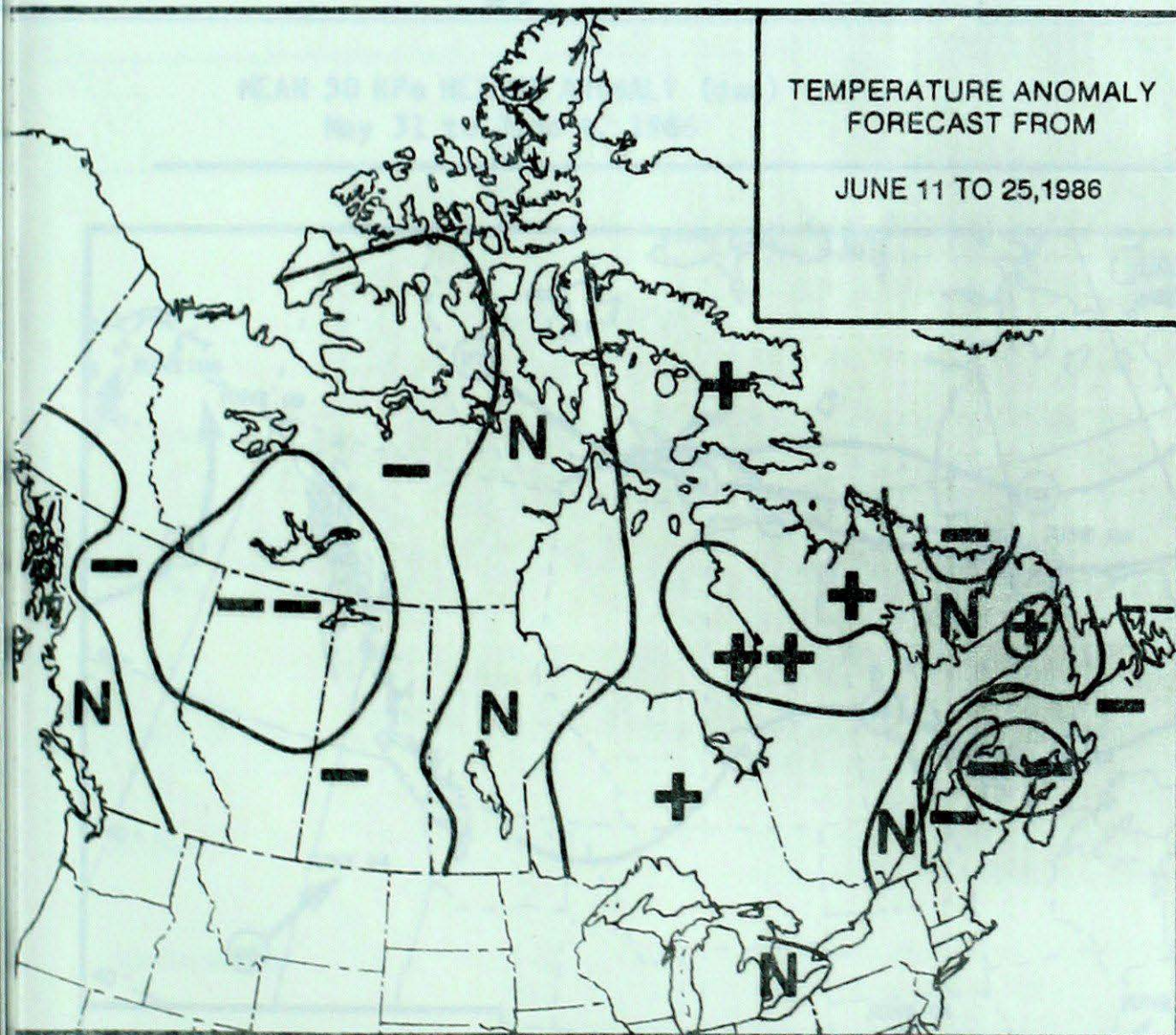
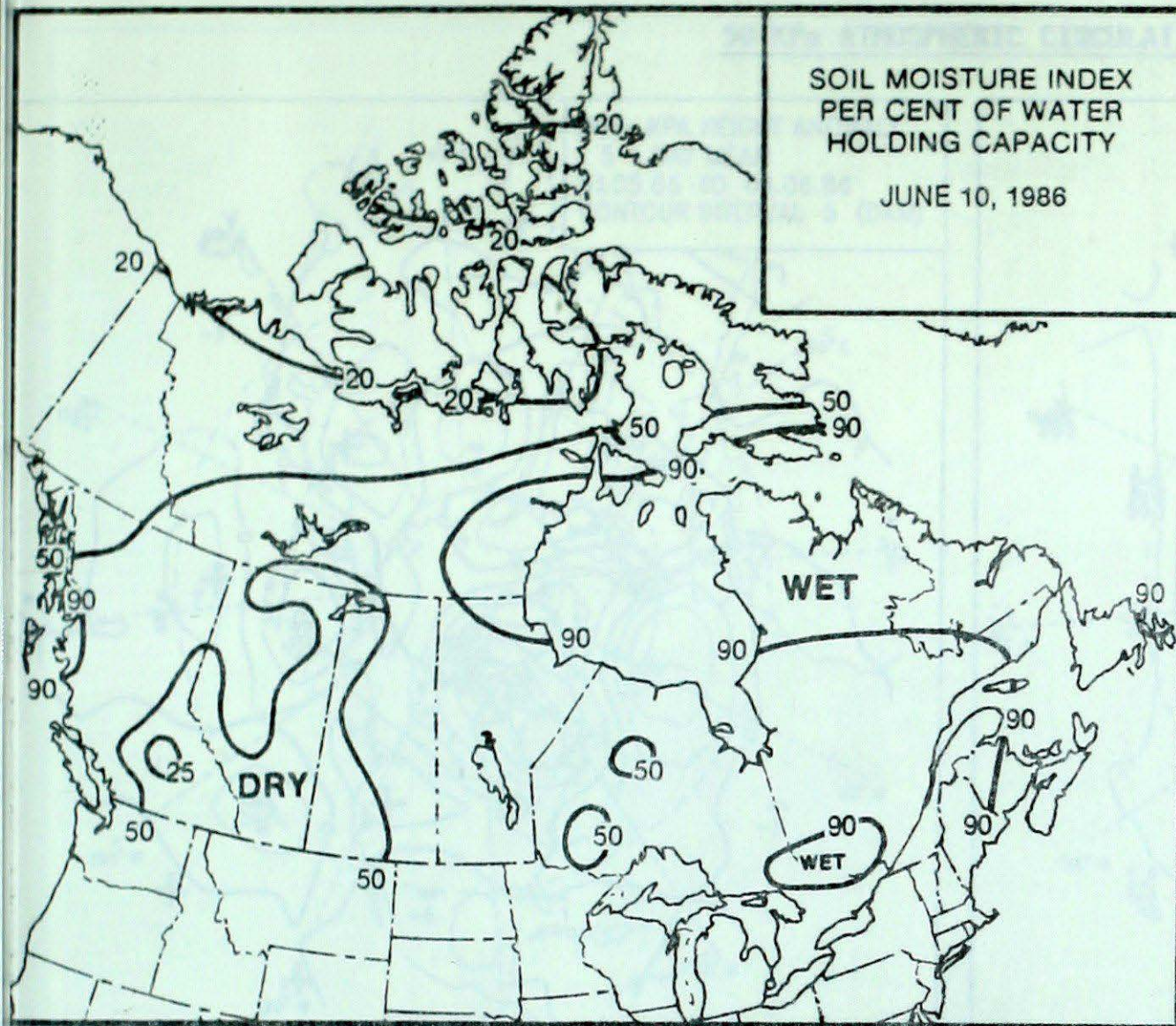
Front Cover

On June 4 and 5 satellite photos showed an organized area of cloud developing off the east coast of Florida, suggesting the formation of a tropical depression. On June 6, winds had increased in strength to 70 km/h, and the area of low pressure was upgraded to a tropical storm, the first of the season. Tropical storm Andrew moved northeastward off the eastern seaboard at 15 to 20 km/h, increasing its forward speed to 50 km/h on June 8, as it weakened and became absorbed by a fast moving frontal zone over Atlantic Canada. Gales and strongest winds extended 350 km to the east of the centre, but even so, heavy rains from this system drenched the Maritimes on June 8.

CORRECTION: Vol. 8 No. 22, Quebec Regional Summary

Golfball sized hail fell along Montreal's south shore, not the north shore as previously stated.

FORECAST



Temperature Anomaly Forecast

This forecast is prepared by searching historical weather maps to find cases similar to the present. The historical outcome during the 15 days subsequent to the chosen analogues is assumed to be a forecast for the next 15 days from now.

- ++ much above normal
 + above normal
 N normal
 - below normal
 -- much below normal

CLIMATIC PERSPECTIVES VOLUME 8

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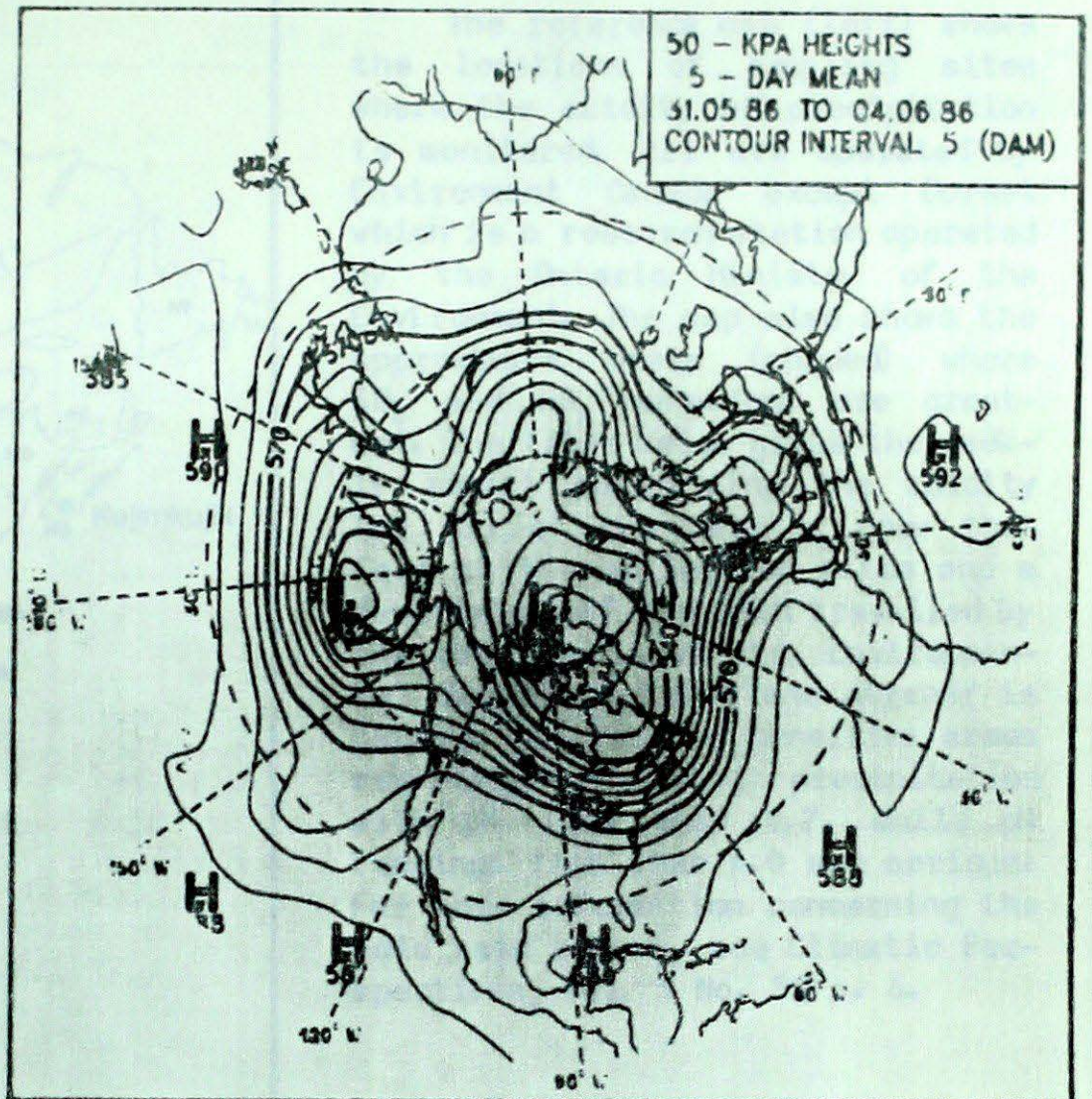
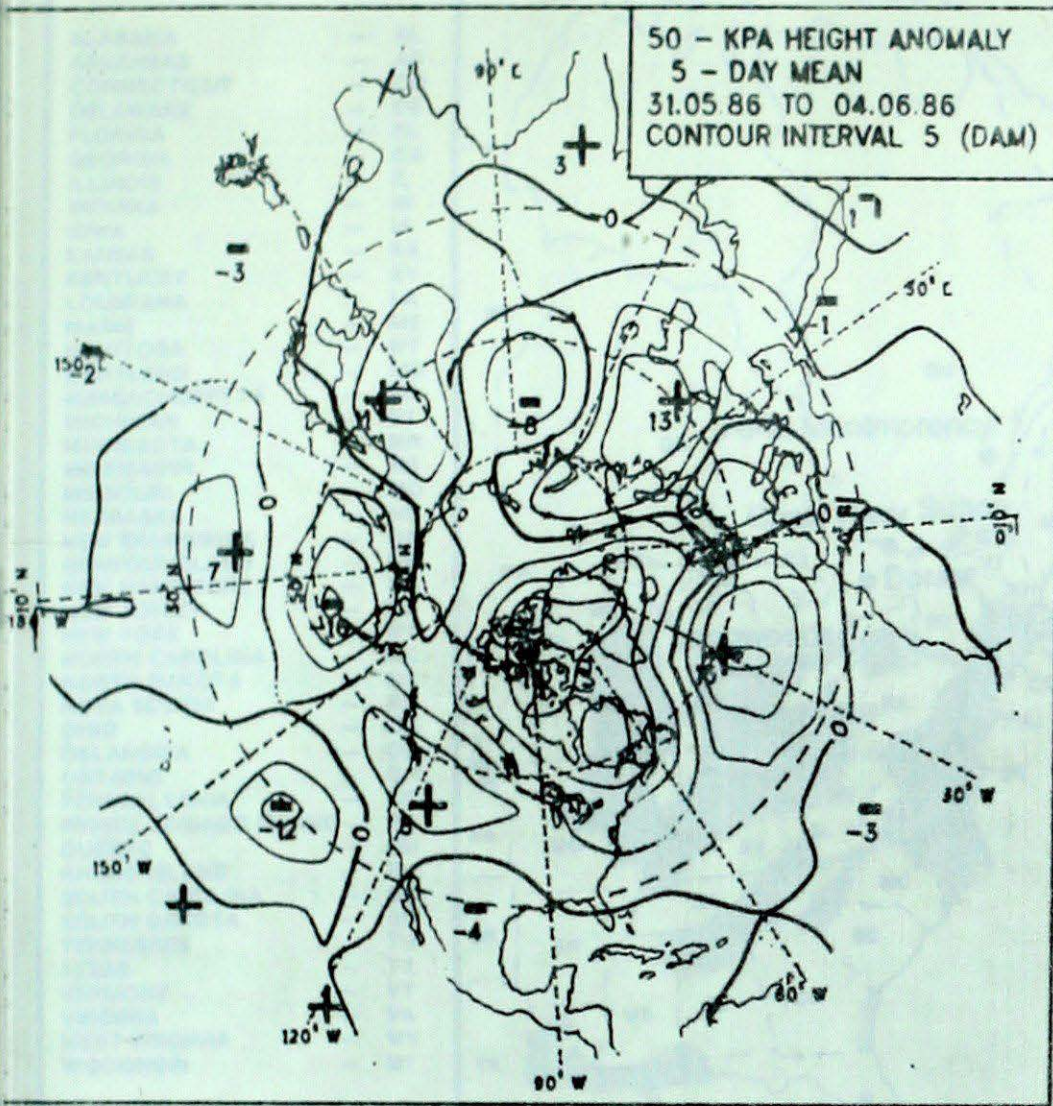
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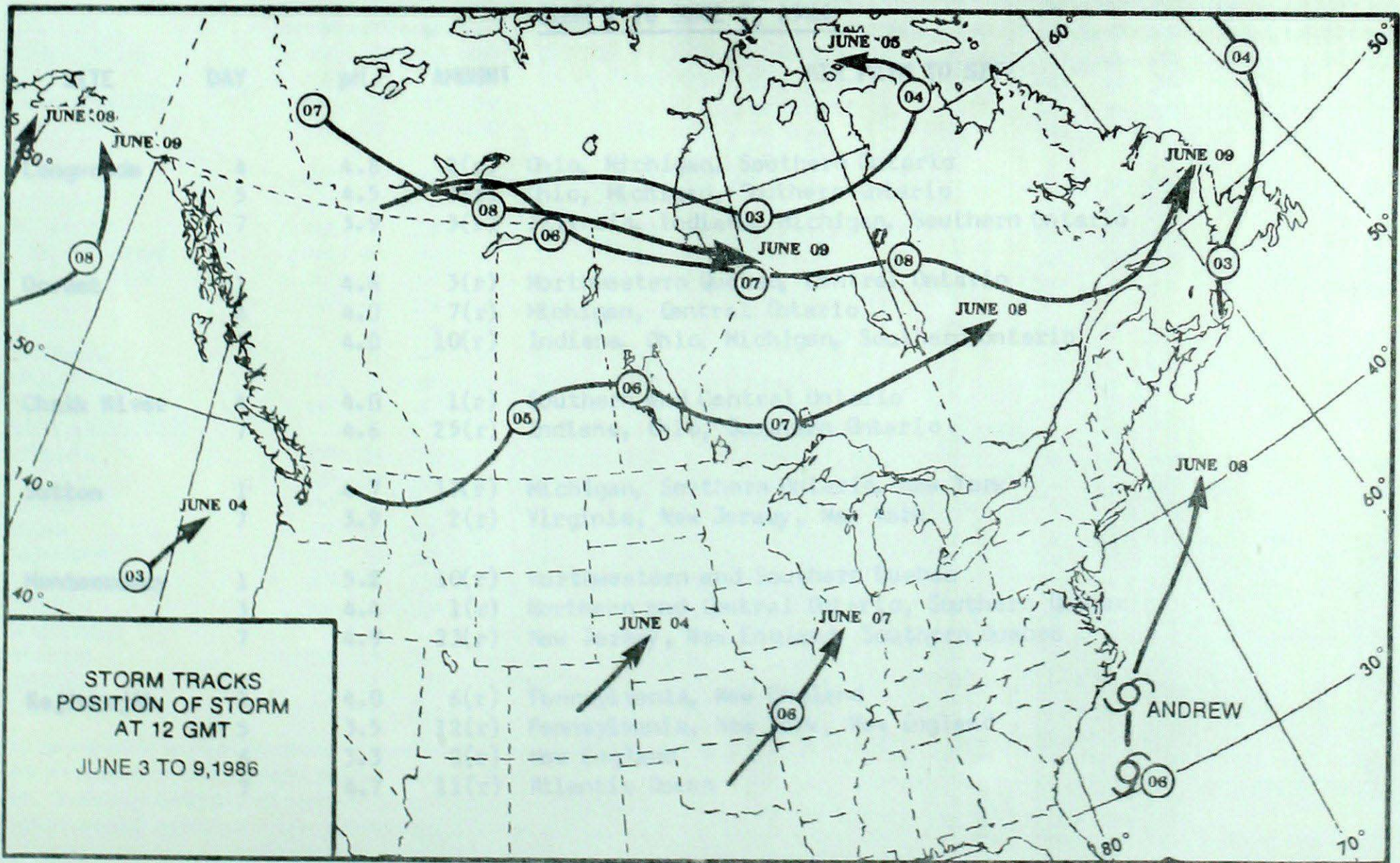
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50 KPa ATMOSPHERIC CIRCULATION

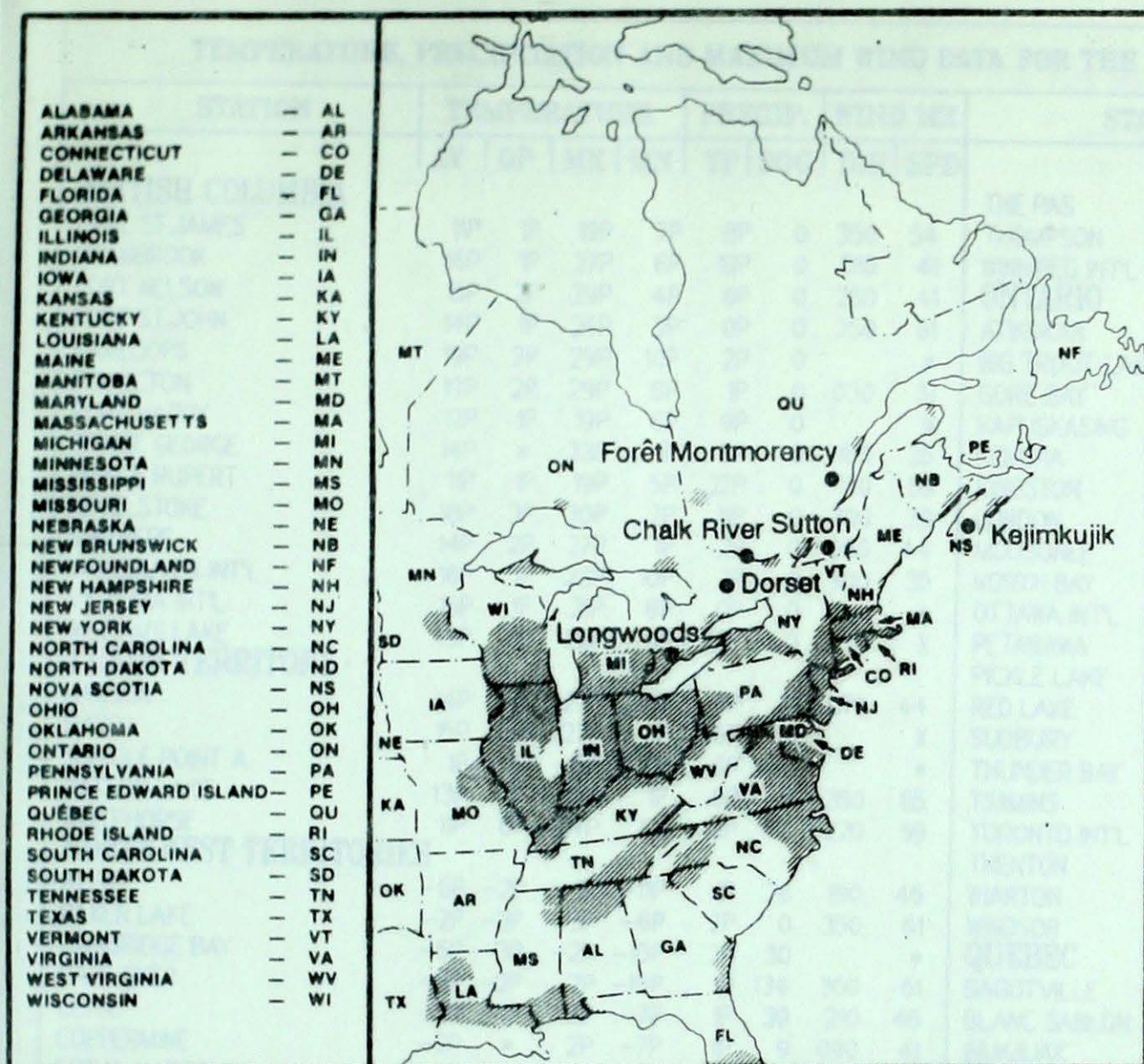


MEAN 50 KPa HEIGHT ANOMALY (dam)
May 31 to June 4, 1986

MEAN 50 KPa HEIGHTS (dam)
May 31 to June 4, 1986



ACID RAIN



ACID RAIN REPORT

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_2 and NO_x emissions are greatest. The table below gives the weekly report summarizing the acidity (or pH) of the 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 less than 4.7, while pH readings less than 4.0 are serious. For more information concerning the acid rain report, see Climatic Perspectives, Vol. 5 No. 50 p. 6.

JUNE 1 TO JUNE 7, 1986

SITE	DAY	pH	AMOUNT	AIR PATH TO SITE
Longwoods	4	4.8	2(r)	Ohio, Michigan, Southern Ontario
	5	4.5	3(r)	Ohio, Michigan, Southern Ontario
	7	3.9	3(r)	Illinois, Indiana, Michigan, Southern Ontario
Dorset	1	4.6	3(r)	Northwestern Quebec, Central Ontario
	4	4.0	7(r)	Michigan, Central Ontario
	7	4.0	10(r)	Indiana, Ohio, Michigan, Southern Ontario
Chalk River	4	4.0	1(r)	Southern and Central Ontario
	7	4.6	25(r)	Indiana, Ohio, Southern Ontario
Sutton	1	4.7	17(r)	Michigan, Southern Ontario, New York
	7	3.9	2(r)	Virginia, New Jersey, New York
Montmorency	1	5.2	10(r)	Northwestern and Southern Quebec
	3	4.4	1(r)	Northern and Central Ontario, Southern Quebec
	7	4.9	23(r)	New Jersey, New England, Southern Quebec
Kejimikujik	2	4.0	6(r)	Pennsylvania, New England
	5	3.5	12(r)	Pennsylvania, New York, New England
	6	3.3	2(r)	New England
	7	4.7	11(r)	Atlantic Ocean

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

TEMPERATURE, PRECIPITATION AND MAXIMUM WIND DATA FOR THE WEEK ENDING 0600 GMT JUNE 10, 1986

STATION	TEMPERATURE				PRECIP.		WIND MX		STATION	TEMPERATURE				PRECIP.		WIND MX	
	AV	DP	MX	MN	TP	SOG	DIR	SPD		AV	DP	MX	MN	TP	SOG	DIR	SPD
BRITISH COLUMBIA									THE PAS	11P	*	24P	2P	5P	0	300	54
CAPE ST. JAMES	11P	1P	19P	7P	8P	0	350	54	THOMPSON	8P	-2P	24P	-5P	13P	0	320	67
CRANBROOK	16P	1P	27P	6P	19P	0	010	41	WINNIPEG INT'L	17P	1P	26P	4P	9P	0	170	56
FORT NELSON	15P	2P	29P	4P	6P	0	250	41	ONTARIO								
FORT ST. JOHN	14P	1P	24P	3P	0P	0	250	61	ATIKOKAN	14P	0P	26P	-1P	15P	0	340	46
KAMLOOPS	19P	2P	29P	10P	2P	0	*	*	BIG TROUT LAKE	10P	*	25P	0P	26P	0	300	72
PENTICTON	19P	2P	29P	8P	1P	0	030	31	GORE BAY	13P	-2P	21P	7P	0P	0	280	65
PORT HARDY	12P	1P	19P	6P	9P	0	*	*	KAPUSKASING	12P	0P	26P	-2P	12P	0	310	65
PRINCE GEORGE	14P	*	23P	1P	8P	0	180	35	KENORA	17P	2P	25P	7P	14P	0	330	46
PRINCE RUPERT	11P	1P	19P	5P	22P	0	160	59	KINGSTON	16P	1P	25P	10P	5P	0		X
REVELSTOKE	18P	3P	30P	7P	11P	0	300	39	LONDON	16P	-1P	24P	4P	10P	0	170	41
SMITHERS	14P	2P	27P	1P	2P	0	060	44	MOOSONEE	12P	2P	25P	0P	16P	0	220	63
VANCOUVER INT'L	16P	1P	23P	10P	1P	0	300	35	NORTH BAY	13P	-2P	22P	4P	18P	0	330	43
VICTORIA INT'L	15P	1P	21P	8P	0P	0	*	*	OTTAWA INT'L	16P	-1P	26P	2P	7P	0		X
WILLIAMS LAKE	13P	*	22P	5P	26P	0		X	PETAWAWA	13P	-2P	26P	-1P	14P	0		X
YUKON TERRITORY									PICKLE LAKE	13P	1P	26P	1P	*	0	330	56
DAWSON	14P	*	27P	-1P	0P	0	070	44	RED LAKE	13P	0P	26P	0P	17P	0	290	63
MAYO	15P	2P	27P	3P	6P	0		X	SUDBURY	13P	-2P	24P	5P	3P	0		X
SHINGLE POINT A	1P	-1P	5P	-4P	0P	5		*	THUNDER BAY	13P	0P	24P	1P	8P	0	290	50
WATSON LAKE	13P	1P	27P	1P	0P	0	280	65	TIMMINS	12P	-2P	25P	-1P	5P	0	300	59
WHITEHORSE	11P	0P	24P	0P	1P	0	220	59	TORONTO INT'L	15P	-2P	24P	2P	9P	0	170	33
NORTHWEST TERRITORIES									TRENTON	15P	-1P	26P	3P	4P	0		X
ALERT	-6P	-2P	-1P	-11P	1P	26	190	46	WIARTON	12P	-2P	20P	3P	4P	0		X
BAKER LAKE	-2P	-2P	3P	-6P	2P	0	350	61	WINDSOR	17P	-1P	27P	6P	46P	0	040	31
CAMBRIDGE BAY	-5P	-3P	-2P	-10P	2P	30		*	QUEBEC								
CAPE DYER	-3P	-2P	2P	-10P	1P	134	300	61	BAGOTVILLE	11P	-2P	26P	-1P	23P	0	280	63
CLYDE	-3P	-1P	3P	-7P	1P	39	210	46	BLANC SABLON	6P	*	18P	-1P	27P	0		X
COPPERMINE	-2P	*	2P	-7P	1P	9	090	41	INUKJUAQ	0P	-2P	5P	-5P	18P	0	280	61
CORAL HARBOUR	-3P	-2P	2P	-10P	24P	32		X	KUUJJUAQ	1P	-4P	10P	-5P	26P	0	250	67
EUREKA	-4P	-3P	2P	-9P	0P	11	280	46	KUUJJUARAPIK	4P	-1P	18P	-4P	19P	0	160	61
FORT SMITH	11P	-1P	26P	0P	6P	0		X	MANIWAKI	13P	-2P	24P	-1P	32P	0	310	46
FROBISHER BAY	0P	-1P	6P	-4P	1P	2	040	35	MONT JOLI	11P	-1P	25P	0P	22P	0	280	63
HALL BEACH	-5P	-3P	-1P	-11P	2P	37	340	43	MONTREAL INT'L	15P	-1P	27P	1P	7P	0	300	59
INUVIK	9P	1P	22P	-1P	8P	0		X	NATASHQUAN	7P	-2P	12P	0P	34P	0	270	78
MOULD BAY	-6P	-2P	0P	-11P	3P	31		X	QUEBEC	13P	-1P	26P	2P	18P	0	290	67
NORMAN WELLS	13P	1P	26P	4P	7P	0		X	SCHEFFERVILLE	2P	-4P	10P	-6P	24P	0	260	56
RESOLUTE	-7P	-3P	-3P	-11P	1P	16	040	54	SEPT-ILES	8P	-2P	18P	-2P	19P	0	300	67
SACHS HARBOUR	-4P	-3P	0P	-11P	2P	9		X	SHERBROOKE	14P	-1P	25P	-2P	12P	0	270	43
YELLOWKNIFE	9P	-2P	19P	-1P	1P	0	340	57	VAL D'OR	10P	-3P	24P	-2P	7P	0	310	69
ALBERTA									NEW BRUNSWICK								
CALGARY INT'L	14P	1P	22P	7P	7P	0	360	63	CHARLO	11P	-2P	20P	0P	17P	0	280	74
COLD LAKE	14P	1P	25P	4P	0P	0	310	50	CHATHAM	13P	0P	23P	3P	17P	0	290	76
CORONATION	14P	1P	23P	5P	22P	0	310	41	FREDERICTON	14P	0P	24P	5P	20P	0	290	59
EDMONTON NAMAQ	14P	0P	24P	4P	7P	0	240	57	MONCTON	14P	1P	23P	4P	16P	0	290	69
FORT MCMURRAY	14P	2P	27P	2P	1P	0		X	SAINT JOHN	13P	1P	21P	4P	15P	0	290	59
HIGH LEVEL	14P	0P	27P	2P	0P	0	300	39	NOVA SCOTIA								
JASPER	14P	2P	22P	4P	2P	0		X	GREENWOOD	15P	1P	22P	4P	22P	0	270	76
LETHBRIDGE	16P	2P	24P	9P	16P	0	330	57	SHEARWATER	12P	-1P	19P	6P	49P	0	320	74
MEDICINE HAT	17P	1P	24P	10P	25P	0	280	52	SYDNEY	11P	0P	19P	1P	38P	0	260	70
PEACE RIVER	14P	1P	24P	5P	0P	0	270	50	YARMOUTH	12P	0P	18P	6P	61P	0	210	63
SASKATCHEWAN									PRINCE EDWARD ISLAND								
CREE LAKE	10P	-1P	24P	0P	6P	0	330	69	CHARLOTTETOWN	12P	0P	21P	5P	24P	0	240	48
ESTEVAN	17P	1P	25P	8P	20P	0	180	56	SUMMERSIDE	13P	0P	21P	5P	16P	0	280	70
LA RONGE	13P	1P	27P	2P	6P	0	270	59	NEWFOUNDLAND								
REGINA	17P	2P	27P	8P	7P	0	350	50	CARTWRIGHT	3P	-4P	15P	-2P	39P	0	340	65
SASKATOON	16P	1P	26P	5P	10P	0	320	46	CHURCHILL FALLS	4P	-4P	12P	-2P	43P	0	280	61
SWIFT CURRENT	15P	1P	23P	7P	8P	0		X	GANDER INT'L	11P	2P	22P	1P	28P	0	270	63
YORKTON	14P	-1P	23P	4P	33P	0	330	56	GOOSE	6P	-4P	17P	-1P	24P	0	310	76
MANITOBA									PORT-AUX-BASQUES	8P	0P	15P	0P	42P	0	090	83
BRANDON	15P	0P	26P	4P	14P	0	330	52	ST JOHN'S	11P	2P	20P	2P	83P	0	250	91
CHURCHILL	2P	-2P	9P	-3P	38P	0	020	67	ST LAWRENCE	9P	1P	20P	3P	106P	0		X
LYNN LAKE	9P	-1P	25P	-1P	13P	0	300	67	WABUSH LAKE	4P	-4P	17P	-2P	34P	0	330	70

AV = weekly mean temperature in degree C
 MX = weekly extreme maximum temperature in degree C
 MN = weekly extreme minimum temperature in degree C
 TP = weekly total precipitation in mm
 DP = departure of mean temperature from normal in degree C
 SOG = snow depth on ground in cm, last day of the period

DIR = direction of maximum wind speed (deg. from true north)
 SPD = maximum wind speed in km/hour

X = not observed

P = value based on less than 7 days

* = missing

TEMPERATURE, PRECIPITATION AND MAXIMUM WIND DATA FOR THE WEEK ENDING 0600 GMT JUNE 10, 1986

STATION	TEMPERATURE				PRECIP.		WIND MX		STATION	TEMPERATURE				PRECIP.		WIND MX	
	AV	DP	MX	MN	TP	SOG	DIR	SPD		AV	DP	MX	MN	TP	SOG	DIR	SPD
BRITISH COLUMBIA									THE PAS	11P	*	24P	2P	5P	0	300	54
CAPE ST. JAMES	11P	1P	19P	7P	8P	0	350	54	THOMPSON	8P	-2P	24P	-5P	13P	0	320	67
CRANBROOK	16P	1P	27P	6P	19P	0	010	41	WINNIPEG INT'L	17P	1P	26P	4P	9P	0	170	56
FORT NELSON	15P	2P	29P	4P	6P	0	250	41	ONTARIO								
FORT ST. JOHN	14P	1P	24P	3P	0P	0	250	61	ATIKOKAN	14P	0P	26P	-1P	15P	0	340	46
KAMLOOPS	19P	2P	29P	10P	2P	0		*	BIG TROUT LAKE	10P	*	25P	0P	26P	0	300	72
PENTICTON	19P	2P	29P	8P	1P	0	030	31	GORE BAY	13P	-2P	21P	7P	0P	0	280	65
PORT HARDY	12P	1P	19P	6P	9P	0		*	KAPUSKASING	12P	0P	26P	-2P	12P	0	310	65
PRINCE GEORGE	14P	*	23P	1P	8P	0	180	35	KENORA	17P	2P	25P	7P	14P	0	330	46
PRINCE RUPERT	11P	1P	19P	5P	22P	0	160	59	KINGSTON	16P	1P	25P	10P	5P	0		X
REVELSTOKE	18P	3P	30P	7P	11P	0	300	39	LONDON	16P	-1P	24P	4P	10P	0	170	41
SMITHERS	14P	2P	27P	1P	2P	0	060	44	MOOSONEE	12P	2P	25P	0P	16P	0	220	63
VANCOUVER INT'L	16P	1P	23P	10P	1P	0	300	35	NORTH BAY	13P	-2P	22P	4P	18P	0	330	43
VICTORIA INT'L	15P	1P	21P	8P	0P	0		*	OTTAWA INT'L	16P	-1P	26P	2P	7P	0		X
WILLIAMS LAKE	13P	*	22P	5P	26P	0		X	PETAWAWA	13P	-2P	26P	-1P	14P	0		X
YUKON TERRITORY									PICKLE LAKE	13P	1P	26P	1P	*	0	330	56
DAWSON	14P	*	27P	-1P	0P	0	070	44	RED LAKE	13P	0P	26P	0P	17P	0	290	63
MAYO	15P	2P	27P	3P	6P	0		X	SUDBURY	13P	-2P	24P	5P	3P	0		X
SHINGLE POINT A	1P	-1P	5P	-4P	0P	5		*	THUNDER BAY	13P	0P	24P	1P	8P	0	290	50
WATSON LAKE	13P	1P	27P	1P	0P	0	280	65	TIMMINS	12P	-2P	25P	-1P	5P	0	300	59
WHITEHORSE	11P	0P	24P	0P	1P	0	220	59	TORONTO INT'L	15P	-2P	24P	2P	9P	0	170	33
NORTHWEST TERRITORIES									TRENTON	15P	-1P	26P	3P	4P	0		X
ALERT	-6P	-2P	-1P	-11P	1P	26	190	46	WIARTON	12P	-2P	20P	3P	4P	0		X
BAKER LAKE	-2P	-2P	3P	-6P	2P	0	350	61	WINDSOR	17P	-1P	27P	6P	46P	0	040	31
CAMBRIDGE BAY	-5P	-3P	-2P	-10P	2P	30		*	QUEBEC								
CAPE DYER	-3P	-2P	2P	-10P	1P	134	300	61	BAGOTVILLE	11P	-2P	26P	-1P	23P	0	280	63
CLYDE	-3P	-1P	3P	-7P	1P	39	210	46	BLANC SABLON	6P	*	18P	-1P	27P	0		X
COPPERMINE	-2P	*	2P	-7P	1P	9	090	41	INUKJUAQ	0P	-2P	5P	-5P	18P	0	280	61
CORAL HARBOUR	-3P	-2P	2P	-10P	24P	32		X	KUUJJUAQ	1P	-4P	10P	-5P	26P	0	250	67
EUREKA	-4P	-3P	2P	-9P	0P	11	280	46	KUUJJUARAPIK	4P	-1P	18P	-4P	19P	0	160	61
FORT SMITH	11P	-1P	26P	0P	6P	0		X	MANIWAKI	13P	-2P	24P	-1P	32P	0	310	46
FROBISHER BAY	0P	-1P	6P	-4P	1P	2	040	35	MONT JOLI	11P	-1P	25P	0P	22P	0	280	63
HALL BEACH	-5P	-3P	-1P	-11P	2P	37	340	43	MONTREAL INT'L	15P	-1P	27P	1P	7P	0	300	59
INUVIK	9P	1P	22P	-1P	8P	0		X	NATASHQUAN	7P	-2P	12P	0P	34P	0	270	78
MOULD BAY	-6P	-2P	0P	-11P	3P	31		X	QUEBEC	13P	-1P	26P	2P	18P	0	290	67
NORMAN WELLS	13P	1P	26P	4P	7P	0		X	SCHEFFERVILLE	2P	-4P	10P	-6P	24P	0	260	56
RESOLUTE	-7P	-3P	-3P	-11P	1P	16	040	54	SEPT-ILES	8P	-2P	18P	-2P	19P	0	300	67
SACHS HARBOUR	-4P	-3P	0P	-11P	2P	9		X	SHERBROOKE	14P	-1P	25P	-2P	12P	0	270	43
YELLOWKNIFE	9P	-2P	19P	-1P	1P	0	340	57	VAL D'OR	10P	-3P	24P	-2P	7P	0	310	69
ALBERTA									NEW BRUNSWICK								
CALGARY INT'L	14P	1P	22P	7P	7P	0	360	63	CHARLO	11P	-2P	20P	0P	17P	0	280	74
COLD LAKE	14P	1P	25P	4P	0P	0	310	50	CHATHAM	13P	0P	23P	3P	17P	0	290	76
CORONATION	14P	1P	23P	5P	22P	0	310	41	FREDERICTON	14P	0P	24P	5P	20P	0	290	59
EDMONTON NAMAQ	14P	0P	24P	4P	7P	0	240	57	MONCTON	14P	1P	23P	4P	16P	0	290	69
FORT MCMURRAY	14P	2P	27P	2P	1P	0		X	SAINT JOHN	13P	1P	21P	4P	15P	0	290	59
HIGH LEVEL	14P	0P	27P	2P	0P	0	300	39	NOVA SCOTIA								
JASPER	14P	2P	22P	4P	2P	0		X	GREENWOOD	15P	1P	22P	4P	22P	0	270	76
LETHBRIDGE	16P	2P	24P	9P	16P	0	330	57	SHEARWATER	12P	-1P	19P	6P	49P	0	320	74
MEDICINE HAT	17P	1P	24P	10P	25P	0	280	52	SYDNEY	11P	0P	19P	1P	38P	0	260	70
PEACE RIVER	14P	1P	24P	5P	0P	0	270	50	YARMOUTH	12P	0P	18P	6P	61P	0	210	63
SASKATCHEWAN									PRINCE EDWARD ISLAND								
CREE LAKE	10P	-1P	24P	0P	6P	0	330	69	CHARLOTTETOWN	12P	0P	21P	5P	24P	0	240	48
ESTEVAN	17P	1P	25P	8P	20P	0	180	56	SUMMERSIDE	13P	0P	21P	5P	16P	0	280	70
LA RONGE	13P	1P	27P	2P	6P	0	270	59	NEWFOUNDLAND								
REGINA	17P	2P	27P	8P	7P	0	350	50	CARTWRIGHT	3P	-4P	15P	-2P	39P	0	340	65
SASKATOON	16P	1P	26P	5P	10P	0	320	46	CHURCHILL FALLS	4P	-4P	12P	-2P	43P	0	280	61
SWIFT CURRENT	15P	1P	23P	7P	8P	0		X	GANDER INT'L	11P	2P	22P	1P	28P	0	270	63
YORKTON	14P	-1P	23P	4P	33P	0	330	56	GOOSE	6P	-4P	17P	-1P	24P	0	310	76
MANITOBA									PORT-AUX-BASQUES	8P	0P	15P	0P	42P	0	090	83
BRANDON	15P	0P	26P	4P	14P	0	330	52	ST JOHN'S	11P	2P	20P	2P	83P	0	250	91
CHURCHILL	2P	-2P	9P	-3P	38P	0	020	67	ST LAWRENCE	9P	1P	20P	3P	106P	0		X
LYNN LAKE	9P	-1P	25P	-1P	13P	0	300	67	WABUSH LAKE	4P	-4P	17P	-2P	34P	0	330	70

AV = weekly mean temperature in degree C
 MX = weekly extreme maximum temperature in degree C
 MN = weekly extreme minimum temperature in degree C
 TP = weekly total precipitation in mm
 DP = departure of mean temperature from normal in degree C
 SOG = snow depth on ground in cm, last day of the period

DIR = direction of maximum wind speed (deg. from true north)
 SPD = maximum wind speed in km/hour

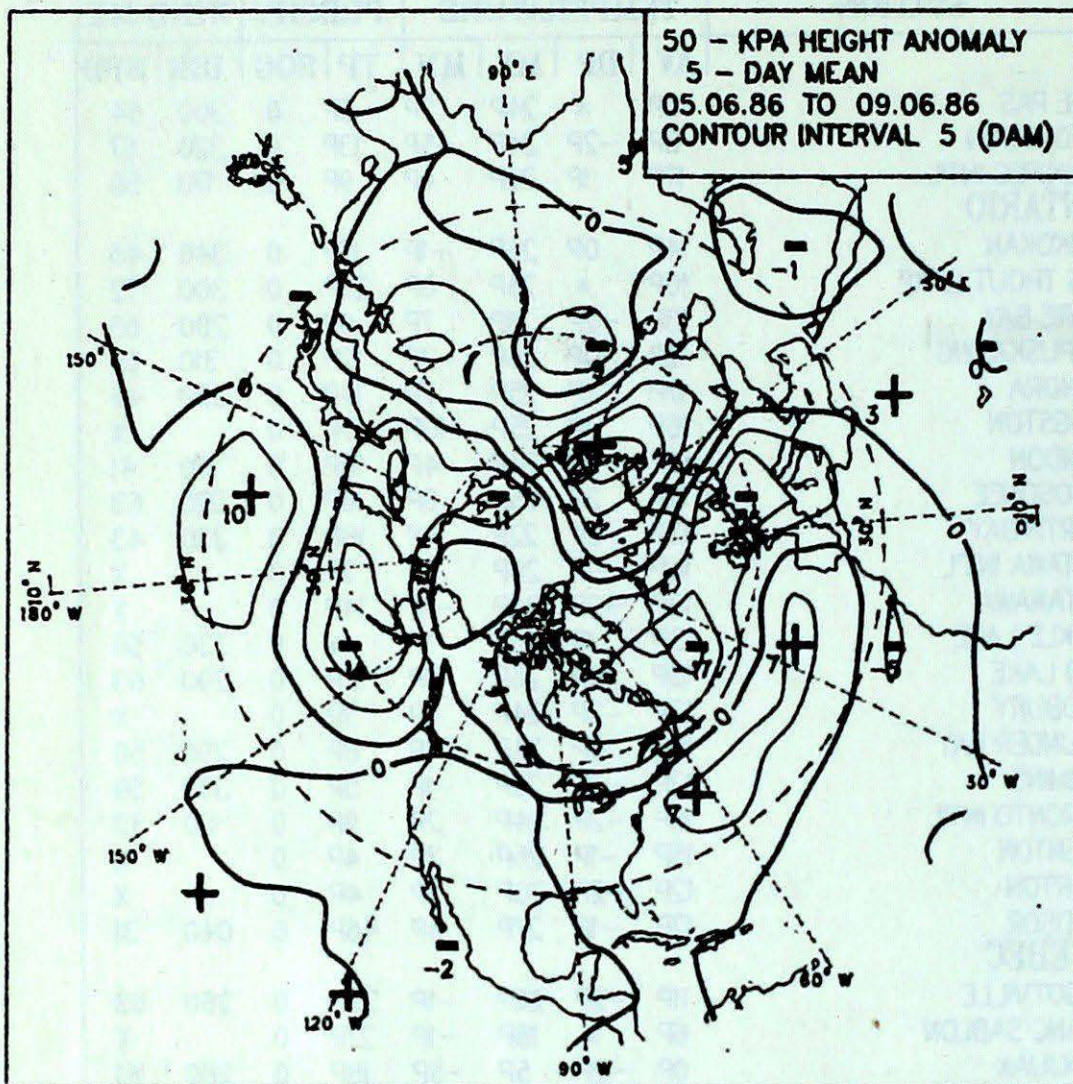
X = not observed

P = value based on less than 7 days

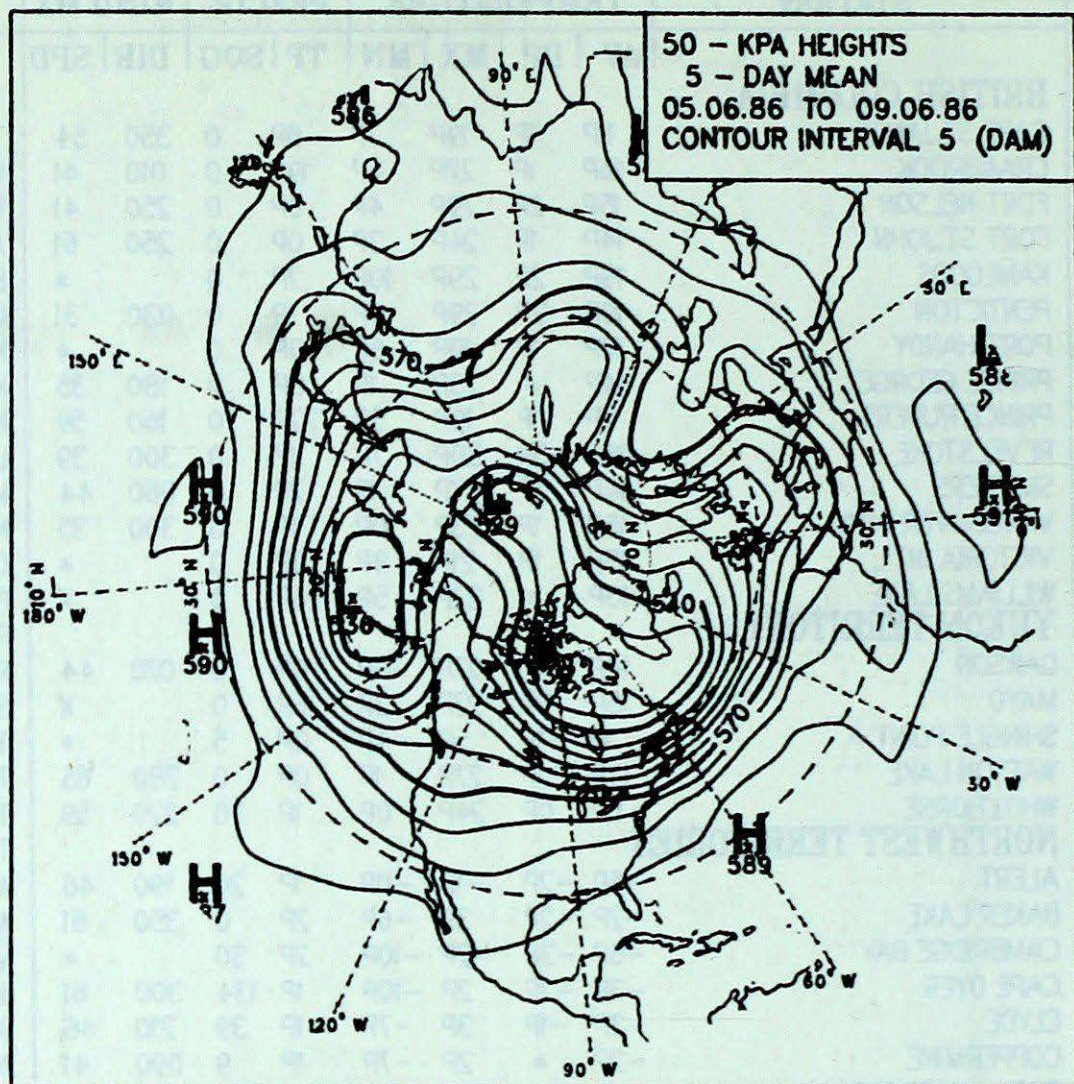
* = missing

CIRCULATION

50 KPa ATMOSPHERIC CIRCULATION



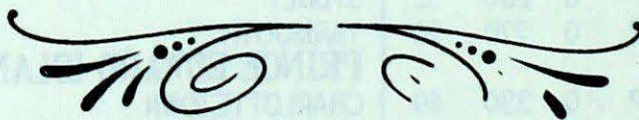
MEAN 50 KPa HEIGHT ANOMALY (dam)
June 5 to June 9, 1986



MEAN 50 KPa HEIGHTS (dam)
June 5 to June 9, 1986

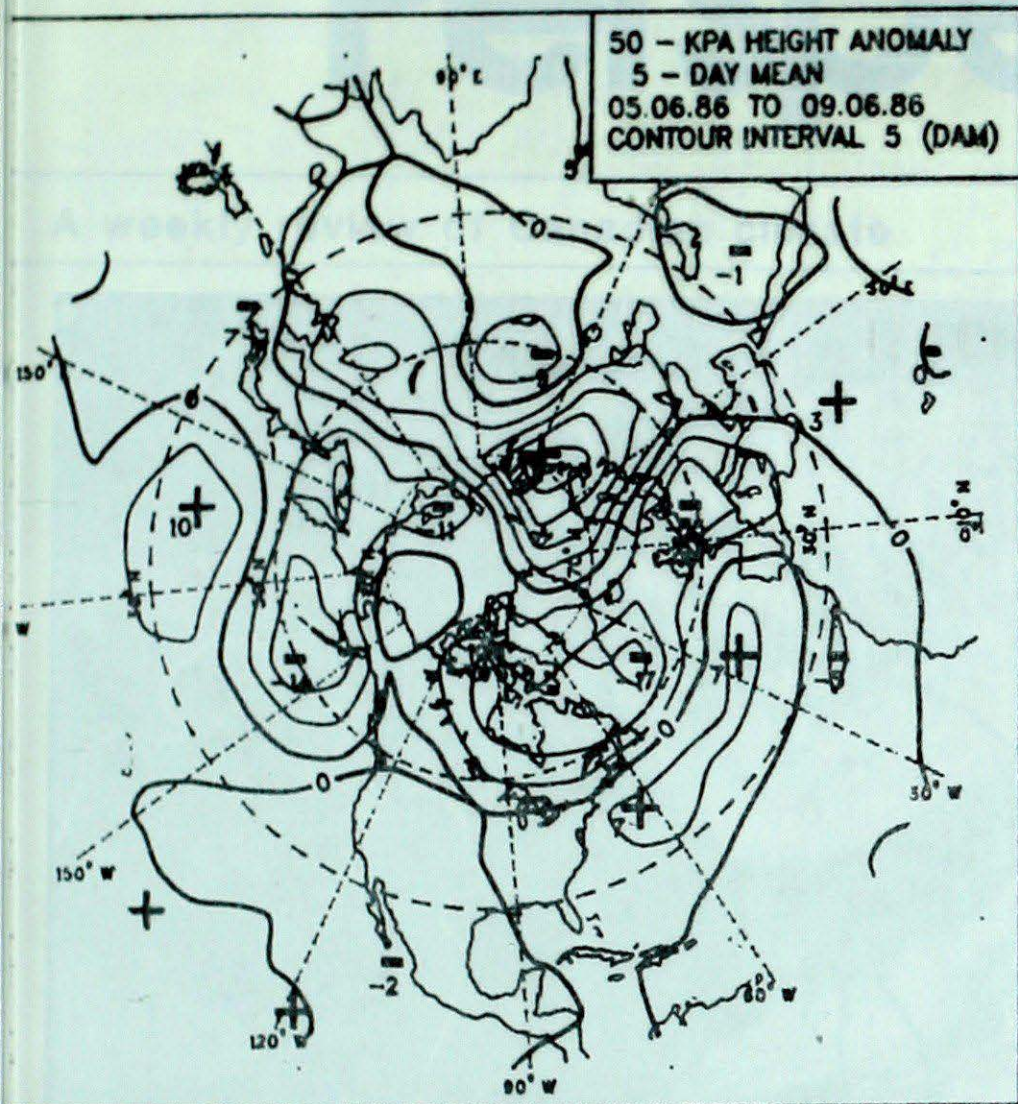
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1005959D VOL 8 ISS 23 860603
REF # 002
ARCHIVES-----PERIODICALS
CLIMATIC PERSPECTIVES

OTM

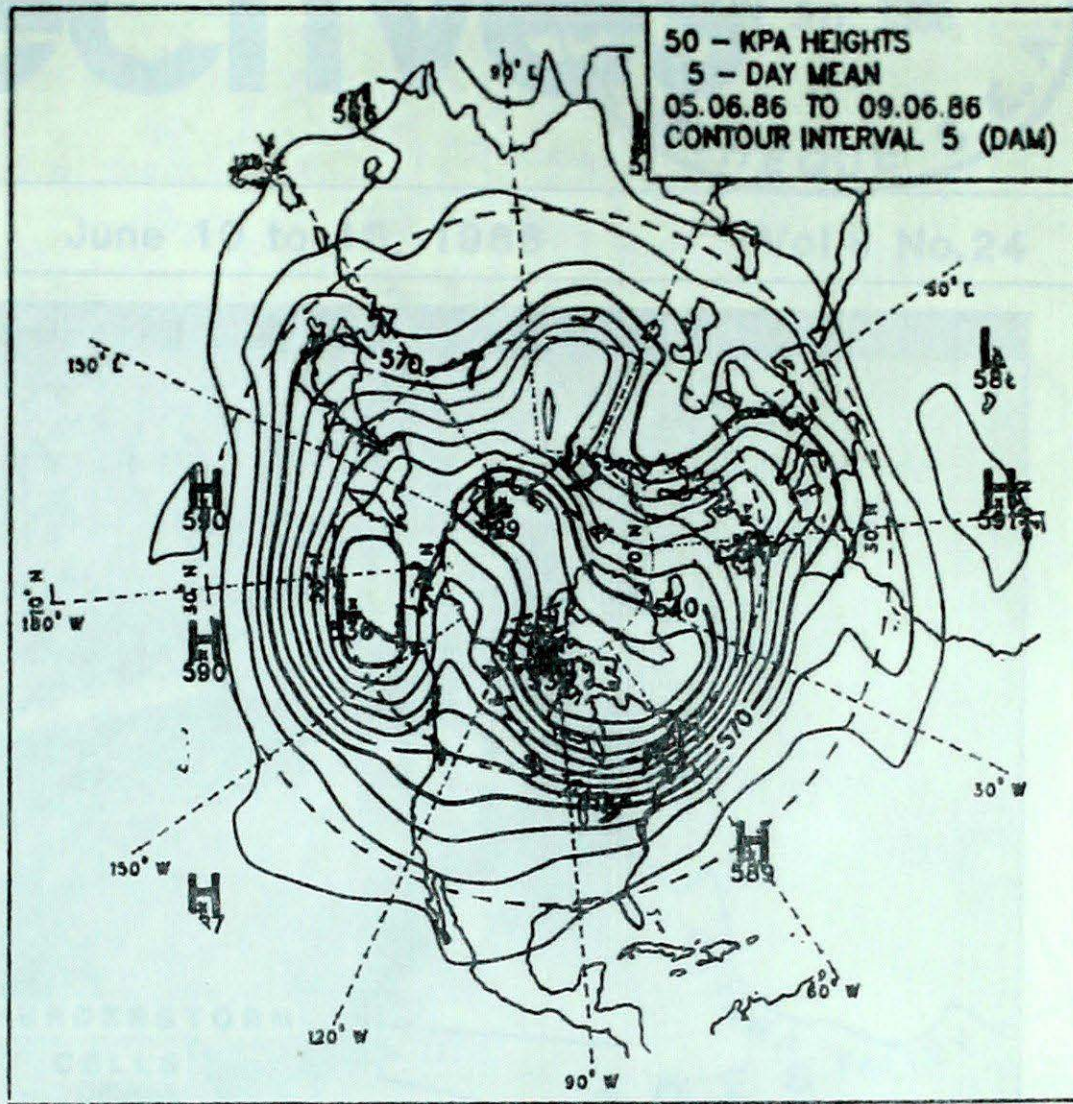


CIRCULATION

50 KPa ATMOSPHERIC CIRCULATION



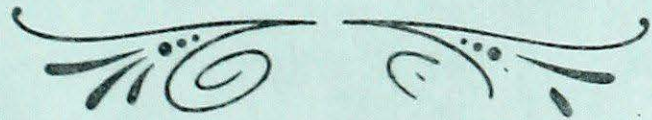
MEAN 50 KPa HEIGHT ANOMALY (dam)
June 5 to June 9, 1986



MEAN 50 KPa HEIGHTS (dam)
June 5 to June 9, 1986

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CLIMATIC PERSPECTIVES

OTM



This KMA photograph taken during the mid-afternoon of June 16, 1986, shows distinct thunderstorm cells developing ahead of a fast-moving cold front. For more information see page 3.

- Tornadoes slash across parts of Ontario and Quebec
- Frost damage in the Maritimes