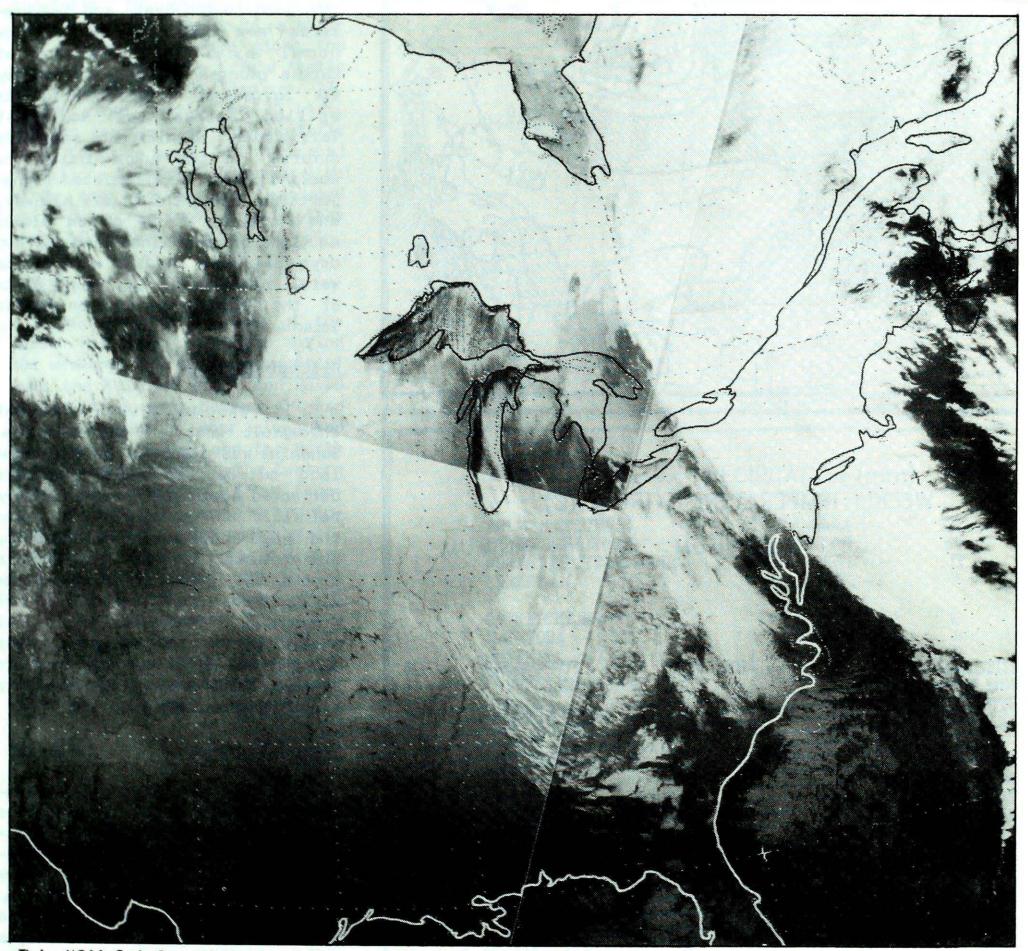


A weekly review of Canadian climate

January 21 to 27, 1986

Vol.8 No.4



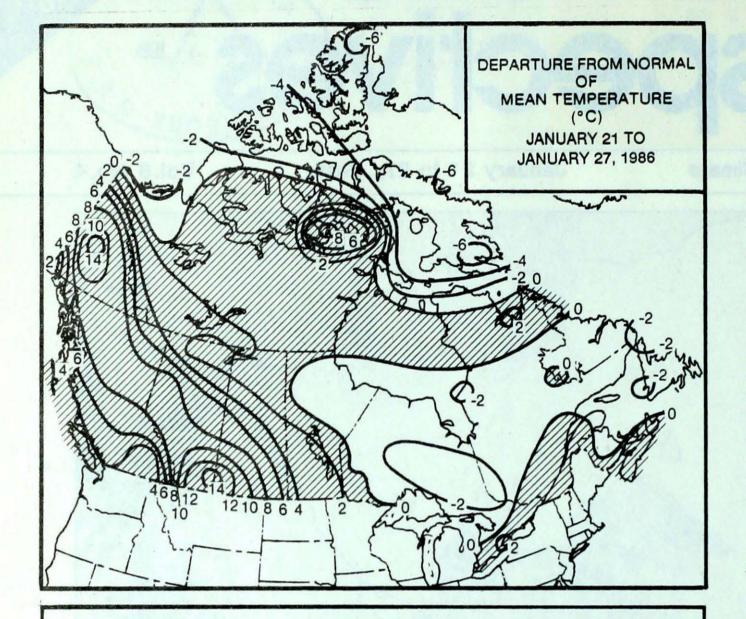
This NDAA 9 infrared image of January 27, 1986 shows a thick band of cloud and the southward extent of the cold air that was associated with the major winter storm that affected eastern Canada.

Quebec takes brunt of major storm

- bitter cold follows storm into Ontario
- Continuing mild Western Canada



TEMPERATURE



WEEKLY TEMPERATURE EXTREME (C)

MAXIMUM

BRITISH COLUMBIA YUKON TERRITORY NORTHWEST TERRITORIES ALBERTA	ABBOTSFORD TESLIN CLINTON POINT CALGARY INT'L	13 3 -11 14	FORT NELSON SHINGLE POINT A EUREKA FORT CHIPEWYAN	-26 -46 -49 -39				
SASKATCHEWAN MANITOBA ONTARIO QUEBEC	EASTEND CYPRESS PORTAGE LA PRAIRIE TRENTON GASPE	4 -3 7 10	URANIUM CITY LYNN LAKE ARMSTRONG CHIBOUGAMAU	-42 -46 -43 -39				
NEW BRUNSWICK NOVA SCOTIA	MONCTON	13 14	CHATHAM	-28				

ACROSS THE COUNTRY

Yukon and Northwest Territories

Mild air streamed in from the Gulf of Alaska, making this the sixth consecutive week with above normal temperatures in the Yukon. In the high Arctic, a stagnant airmass has been losing heat, and temperatures have dropped to well below normal values. The temperature at Eureka plunged to -51°C on January 26. Surges of frigid Arctic air spilled across the Northwest Territories. Significant snowfalls occurred in the Yukon during the weekend Heavy snow hampered transportation along the Alaska highway, and falls of up to 60 cm closed sections of the Haines Road for two days. Blizzards and high wind chills were experienced in many parts of the Territories and on Baffin Island.

British Columbia

It was mild and pleasant throughout most of the province Sunshine was plentiful on the mainland, but Pacific storms that were deflected northwards produced heavy rainfalls on Vancouver Island and the Queen Charlottes. In the south, temperatures reached the double digits. Ski conditions in the coastal mountains have deteriorated, but fresh snow has covered the higher elevations of the interior. Tree pruning has begun in the southern valleys. Early spring flowers are in bloom on the lower mainland

Prairie Provinces

In eastern districts, temperatures fell to more normal values over the weekend Only in the western half of the prairies did temperatures manage to climb above freezing this week. In Alberta, daily temperature records were broken on January 26, when Chinocks allowed temperatures to soar to the mid-teens; at Calgary the mercury reached 14°C. Passing weather systems resulted in varying amounts of cloud and occasional periods of snow. Heaviest snowfalls, of up to 10 cm, fell during the middle of the week. A mixture of rain and freezing rain fell in Alberta on January 27.

MINIMUM

-21

-36

NWT

PRINCE EDWARD ISLAND CHARLOTTETOWN 12 CHARLOTTETOWN NEWFOUNDLAND DANIEL'S HARBOUR 13 WABUSH LAKE

ACROSS THE NATION

WARMEST MEAN TEMPERATURE 6 PRINCE RUPERT BC **COOLEST MEAN TEMPERATURE** -43 EUREKA

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PRECIPITATION

Ontario

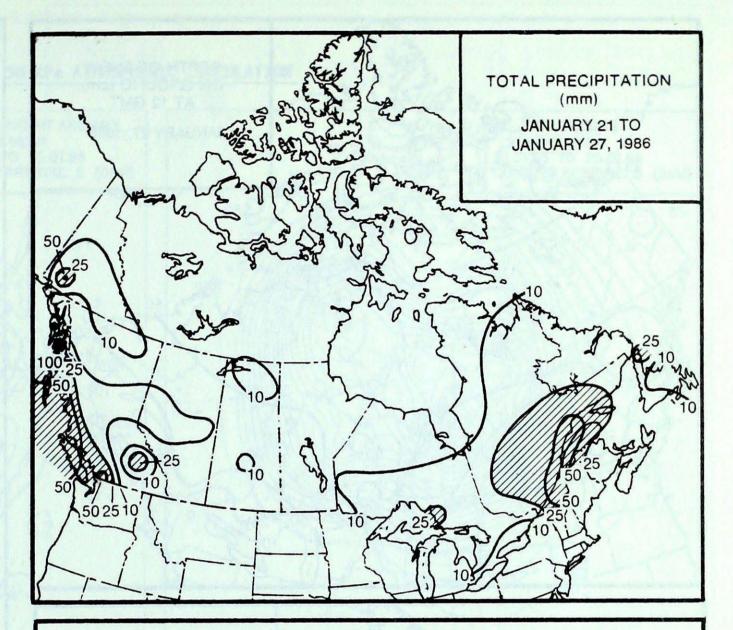
Several disturbances approached the province, giving alternating periods of mild, but predominantly cloudy weather conditions in the south. A complex weather system over the weekend gave widespread snowfalls throughout the Great Lakes Basin. On January 26, a major winter storm developed along the east coast, bringing frigid Arctic air southwards. On January 27, strong winds gusting to 70 km/h, falling temperatures and snowfalls of up to 25 cm resulted in blizzard conditions in eastern Ontario. High winds and blowing snow produced white-out conditions in many other areas of the province.

Quebec

The worst snow storm of the season hit southern Quebec during the weekend. The storm intensified over the Atlantic coast and moved northward, dumping between 30 and 50 centimetres of snow along the St. Lawrence Valley and the North Shore. Temperatures in the Eastern Townships climbed well above freezing on January 27, and the precipitation became predominantly rain-The Eaton and Saint François Rivers rose to flood stage, due to the heavy runoff and ice jams, which had formed downstream. During the early part of the week the weather was changeable. Both minimum and maximum daily temperature records were broken during the period.

Atlantic

In Newfoundland and Labrador the weather was changeable, with occasional periods of rain and snow. Temperatures in the Maritimes fluctuated. Daily low temperature records were broken on January 24 and 25, while new maximum temperature records were set on January 27. Heaviest precipitation fell during the early and latter parts of the period. Flooding was reported near Truro on January 20 and 21. On January 27, an intensifying storm along the eastern sea board pumped very mild air into the region. Coastal fog was prevalent, and rainfalls exceeded 25 mm in some areas.



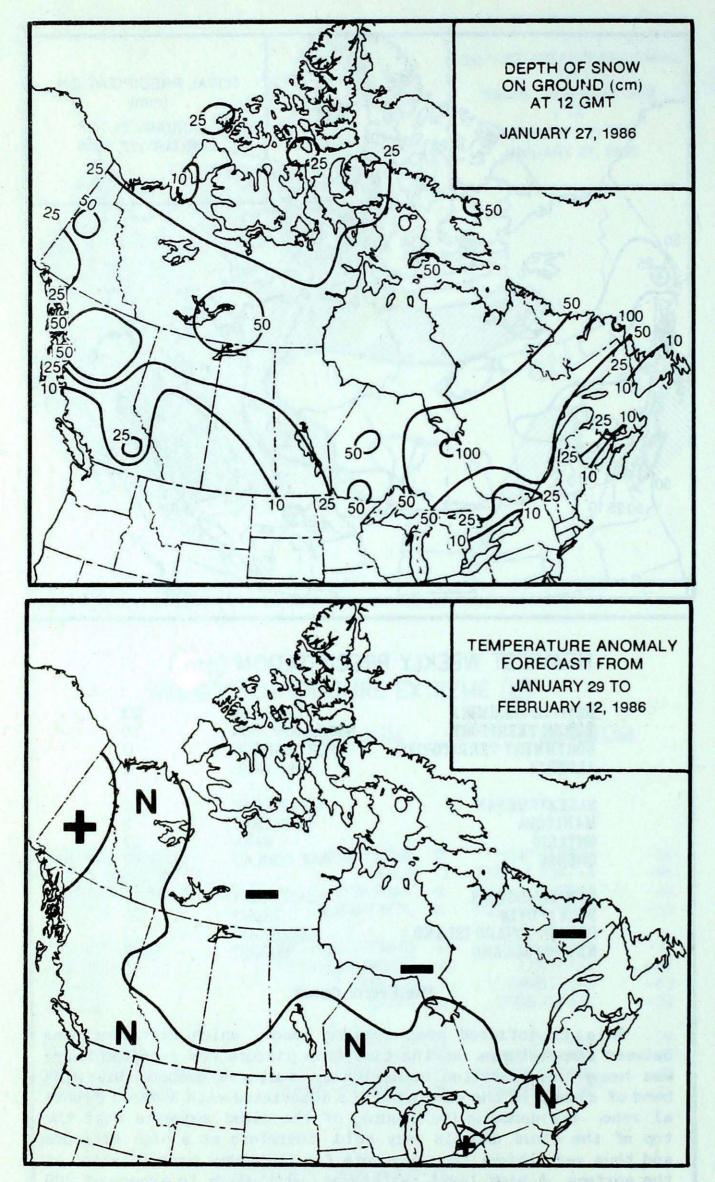
HEAVIEST WEEKLY PRECIPITATION (mm)

BRITISH COLUMBIA	LANGARA	123
YUKON TERRITORY	HAINES JUNCTION	50
NORTHWEST TERRITORIES	FORT SIMPSON	13
ALBERTA	COLD LAKE	15
SASKATCHEWAN	COLLINS BAY	19
MANITOBA	LYNN LAKE	8
ONTARIO	WAWA	27
QUEBEC	BAIE COMEAU	82
NEW BRUNSWICK	SAINT JOHN	34
NOVA SCOTIA	TRURO	26
PRINCE EDWARD ISLAND	SUMMERSIDE	22
NEWFOUNDLAND	BURGEO	38

The Front Cover

This is infrared heat sensing image, which differenciates between temperatures. At the time this picture was received there was heavy precipitation occurring in southern Quebec. The wide band of cloud, in the same area, is associated with a sharp frontal zone. The dense white shading of the cloud suggests that the top of the cloud deck is very cold, therefore at a high altitude and thus very thick; this accounts for the heavy precipitation at the surface. A high level jet stream, with winds in excess of 200 km/h is indicated by the sharp curve of cloud winding northward In the wake of the system, a very cold airmass spilled southwards across the Great Lakes, eventually reaching Florida. The southward progression of this tongue of Arctic air is quite evident in this photo in the vicinity of the Mississippi. The surface shading in this area of the photograph has become lighter as temperatures plumetted in the southern States.

FORECAST



CLIMATIC PERSPECTIVES VOLUME 8

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The purpose of the publication is to make topical information available to the public concerning the Canadian Climate and its socioeconomic impact.

Unsolicited articles are welcome but should be at maximum about 1500 words in length. They will be subject to editorial change without notice due to publishing time constraints. Black and white photographs can be used, but not colour. The contents may be reprinted freely with proper credit.

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

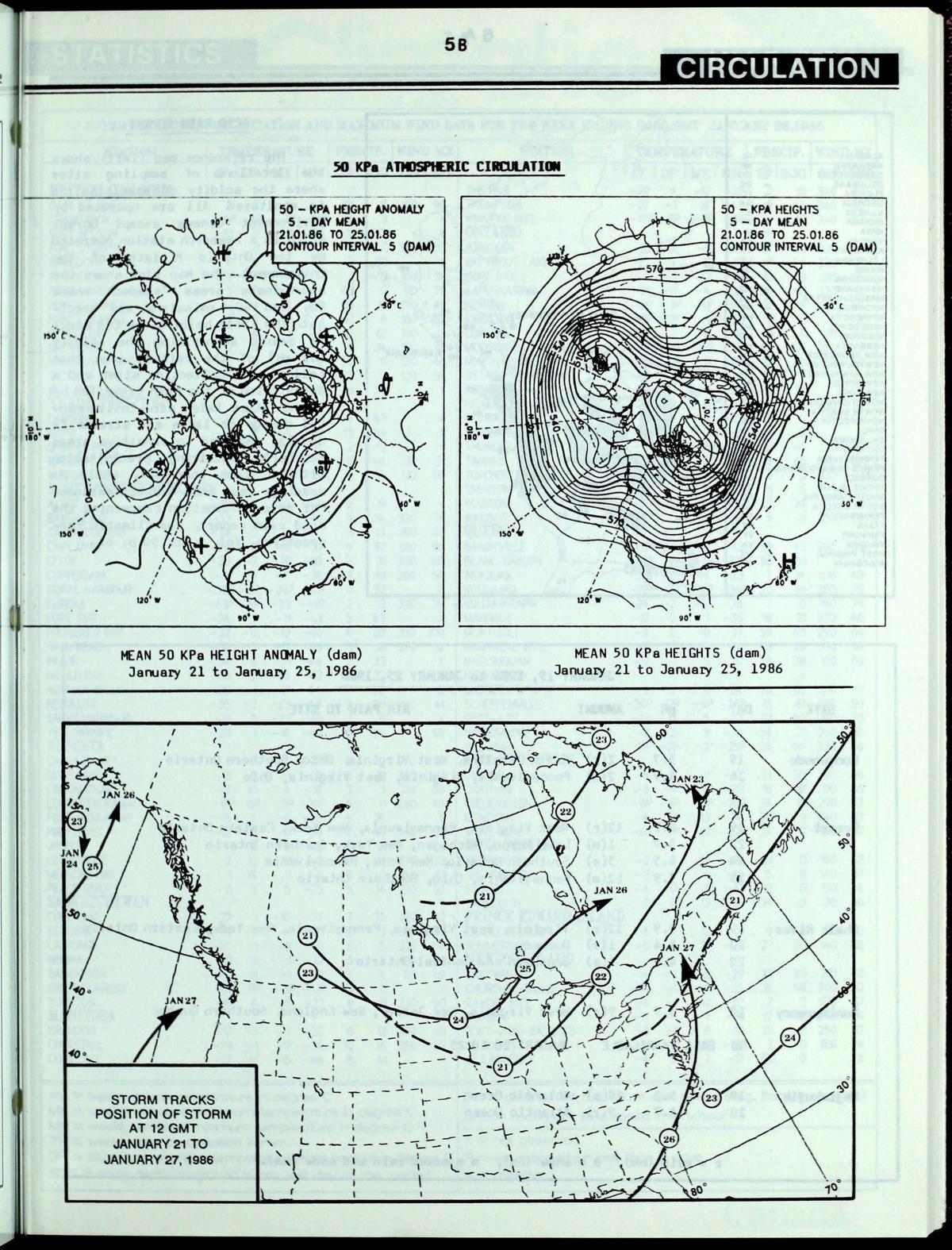
Temperature Anomaly Forecast

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

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.

Annual Subscriptions

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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 the Ontario Ministry of the by Environment. The map also shows the approximate areas (shaded) where SO2 and NO, 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.

			JANUARY 19, 1986 to JANUARY 25, 1986							
SITE	DAY	pH	AMOUNT	AIR PATH TO SITE						
Longroods	19	3.7	2(r)							
	24	4.9	2(s)	Pennsylvania, Virginia, West Virginia, Chio						
Dorset	19	4.2	12(r)	West Virginia, Pennsylvania, New York, Eastern Ontario						
	22	3.9	1(m)	Lake Huron, Michigan, New York, Southern Ontario						
	24	4.5	3(s)	Southern Ontario, New York, Pennsylvania						
	25	3.9	12(m)	Pennsylvania, Chio, Southern Ontario						
Chalk River	19	3.9	12(r)	Virginia, West Virginia, Pennsylvania, New York, Eastern Ontari						
1	20	4.4	1(r)	Quebec						
	22	4.2	1(s)	Southern and Central Ontario						

9(r) West Virginia, New Jersey, New England, Southern Quebec 3.9 19 Montmorency

> JANUARY 20 TO 25 DATA AVAILABLE NO

28(r) Atlantic Ocean 5.2 Kejimkujik 19 Atlantic Ocean 9(r) 4.7 20

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

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-19 * -11 -34 5 63 -13 15 -4 -29 13 < | AV DP MX MN TP SOG DIR 6 2 8 3 47 0 160 -4P 4P 2P -13P 4 3 -18 5 -11 -26 11 53 -9 8 7 -23 9 7 360 0 6 4 -5 7 0 -1P 2P 4P -6P 1 0 160 5 3 8 1 63 0 110 -1 * 4 -9 18 10 190 6 6 12 3 57 0 160 -22 9 3 -10 9 24 150 6 3 12 -1 23 0 120 -11 * 2 -7 8 20 120 -13 15 | AV DP MX MN TP SOG DIR SPD 6 2 8 3 47 0 160 96 -4P 4P 2P -13P 4 3 * -18 5 -11 -26 11 53 * -9 8 7 -23 9 7 360 52 0 6 4 -5 7 0 100 160 39 -11 * 4 -9 18 10 190 46 6 6 12 3 57 0 160 102 -1 4 3 -6 47 42 160 41 -29 3 -10 9 44 50 39 5 6 3 12 -1 23 0 120 56 -11 * 2 -7 8 <td>AV DP MX MN TP SOC DIR SPD -4P 4P 2P -13P 4 3 * MINPEG NTL -9 8 7 -23 9 7 360 52 ATIKOKAN -9 8 7 -23 9 7 360 52 ATIKOKAN -18 5 -11 -26 1 53 8 160 39 GORE BAY -18 1 4 -9 18 10 190 46 KAPUSKASING -1 4 3 -6 47 42 160 41 LONDON -1 4 3 -6 47 42 160 41 LONDON -1 2 -7 8 20 X PETAMAWA -1 5 -47 29 13 39 X SUDBURY -18 9 -4 -31<</td> <td>AV DP MX MN TP ISOG DIR SPD AV 6 2 8 3 47 0 160 96 THOMPSON -20 -4P 4P 2P -13P 4 3 * NIMPEG THOMPSON -20 -9 8 7 -23 9 7 360 52 ATKOKAN -18 -9 8 7 -23 9 7 360 52 ATKOKAN -18 0 6 4 -5 7 0 * BIG TROUT LAKE -27 -1 * 4 -9 18 10 190 46 KENORA -189 6 6 12 3 57 0 160 100 KINGSTON -89 -1 * 2 -7 8 3 10 30 X SUDBURY -14 -1 *<!--</td--><td>AV DP MX INN TP SOG DIR SPD AV DP 6 2 8 3 47 0 160 96 THC PAS -20 * -4P 4P 2P -13P 4 3 * WINMFEG INTL -77 3 -9 8 7 73 360 52 ATKOKAN -18 -2 -9 8 7 7 360 52 ATKOKAN -18 -2 -1P 2P 4P -6P 1 0 160 102 KENORA -18P P -1 * 4 -9 18 10 190 46 KENORA -18P P -1 * 2 7 0 160 102 KINSTON -4P 2 -2 -2 9 3 103 48 NORTH BAY -15 -5 1 -13<td>AV DP MX MN TP SOC DIR SPD AV DP MX -4P 4P 2P -13P 4 3 * ThomPSON -27 -1 -44 -4P 4P 2P -13P 4 3 * WINNPEGINTL -77P 3P -3P -9 8 7 73 360 52 ATKOKAN -18 -2 -3 0 6 4 -5 7 0 * BIG TROUT LAKE -27 * -8 -1P 2P AP -6 100 100 74 KAPUSKASING -21 -3 -4 -1 * 4 -9 18 100 100 74 KAPUSKASING -21 -3 -0 -29 3 -10 924 150 9 MOSONE -21P -2P -2P -2P -2P -2P -2P <t< td=""><td>AV DP MX MN TP SOC DIR SPD HE PAS -20 x D_2 -33 66 2 8 3 47 0 160 96 HE P</td><td>AV DP MX MN TP SOG DIR SPD AV DP MX MN TP 6 2 8 3 47 0 160 96 THE PAS -20 * -12 -33 7 -4P 4P 2P -13P 4 3 * WINNPEG INTL -77 3P -3P 1P -3P -3P 1P -3P 1P 4P 3P 1P 1P -4P -3P 1P 4P 3P 1P 1P 1</td><td>AV DP MX MN TP ISOC DIR SPD 4V DP MX MN TP ISOC DIR SPD 40 2P -139 4 3 * THE PAS -20 * -12 -33 7 9 46 -18 5 -11 -26 15 3 * THE PAS -22 -14 43 9 46 -9 8 7 -23 9 7 360 52 MINPEG (NTL -77 -14 -43 7 44 60 6 12 -57 6 8 GORE BAY -11 -12 -26 12 19 ATKOKAN -18 -2 -3 -40 7 49 6 6 12 3 57 0 160 102 KNSTON -89 -29 -9 -9 -19 19 10</td><td>AV DP MX MN TP SOC DIR SPP 4 V DP MX MN TP SOC DIR SPP 4 4 3 4 3 * * TP SOC TP SOC DIR SPP -49 2 7 19 440 3 * * TP SOC TP SOC DIR SPP SOC TP SOC TOC SOC<</td></t<></td></td></td> | AV DP MX MN TP SOC DIR SPD -4P 4P 2P -13P 4 3 * MINPEG NTL -9 8 7 -23 9 7 360 52 ATIKOKAN -9 8 7 -23 9 7 360 52 ATIKOKAN -18 5 -11 -26 1 53 8 160 39 GORE BAY -18 1 4 -9 18 10 190 46 KAPUSKASING -1 4 3 -6 47 42 160 41 LONDON -1 4 3 -6 47 42 160 41 LONDON -1 2 -7 8 20 X PETAMAWA -1 5 -47 29 13 39 X SUDBURY -18 9 -4 -31< | AV DP MX MN TP ISOG DIR SPD AV 6 2 8 3 47 0 160 96 THOMPSON -20 -4P 4P 2P -13P 4 3 * NIMPEG THOMPSON -20 -9 8 7 -23 9 7 360 52 ATKOKAN -18 -9 8 7 -23 9 7 360 52 ATKOKAN -18 0 6 4 -5 7 0 * BIG TROUT LAKE -27 -1 * 4 -9 18 10 190 46 KENORA -189 6 6 12 3 57 0 160 100 KINGSTON -89 -1 * 2 -7 8 3 10 30 X SUDBURY -14 -1 * </td <td>AV DP MX INN TP SOG DIR SPD AV DP 6 2 8 3 47 0 160 96 THC PAS -20 * -4P 4P 2P -13P 4 3 * WINMFEG INTL -77 3 -9 8 7 73 360 52 ATKOKAN -18 -2 -9 8 7 7 360 52 ATKOKAN -18 -2 -1P 2P 4P -6P 1 0 160 102 KENORA -18P P -1 * 4 -9 18 10 190 46 KENORA -18P P -1 * 2 7 0 160 102 KINSTON -4P 2 -2 -2 9 3 103 48 NORTH BAY -15 -5 1 -13<td>AV DP MX MN TP SOC DIR SPD AV DP MX -4P 4P 2P -13P 4 3 * ThomPSON -27 -1 -44 -4P 4P 2P -13P 4 3 * WINNPEGINTL -77P 3P -3P -9 8 7 73 360 52 ATKOKAN -18 -2 -3 0 6 4 -5 7 0 * BIG TROUT LAKE -27 * -8 -1P 2P AP -6 100 100 74 KAPUSKASING -21 -3 -4 -1 * 4 -9 18 100 100 74 KAPUSKASING -21 -3 -0 -29 3 -10 924 150 9 MOSONE -21P -2P -2P -2P -2P -2P -2P <t< td=""><td>AV DP MX MN TP SOC DIR SPD HE PAS -20 x D_2 -33 66 2 8 3 47 0 160 96 HE P</td><td>AV DP MX MN TP SOG DIR SPD AV DP MX MN TP 6 2 8 3 47 0 160 96 THE PAS -20 * -12 -33 7 -4P 4P 2P -13P 4 3 * WINNPEG INTL -77 3P -3P 1P -3P -3P 1P -3P 1P 4P 3P 1P 1P -4P -3P 1P 4P 3P 1P 1P 1</td><td>AV DP MX MN TP ISOC DIR SPD 4V DP MX MN TP ISOC DIR SPD 40 2P -139 4 3 * THE PAS -20 * -12 -33 7 9 46 -18 5 -11 -26 15 3 * THE PAS -22 -14 43 9 46 -9 8 7 -23 9 7 360 52 MINPEG (NTL -77 -14 -43 7 44 60 6 12 -57 6 8 GORE BAY -11 -12 -26 12 19 ATKOKAN -18 -2 -3 -40 7 49 6 6 12 3 57 0 160 102 KNSTON -89 -29 -9 -9 -19 19 10</td><td>AV DP MX MN TP SOC DIR SPP 4 V DP MX MN TP SOC DIR SPP 4 4 3 4 3 * * TP SOC TP SOC DIR SPP -49 2 7 19 440 3 * * TP SOC TP SOC DIR SPP SOC TP SOC TOC SOC<</td></t<></td></td> | AV DP MX INN TP SOG DIR SPD AV DP 6 2 8 3 47 0 160 96 THC PAS -20 * -4P 4P 2P -13P 4 3 * WINMFEG INTL -77 3 -9 8 7 73 360 52 ATKOKAN -18 -2 -9 8 7 7 360 52 ATKOKAN -18 -2 -1P 2P 4P -6P 1 0 160 102 KENORA -18P P -1 * 4 -9 18 10 190 46 KENORA -18P P -1 * 2 7 0 160 102 KINSTON -4P 2 -2 -2 9 3 103 48 NORTH BAY -15 -5 1 -13 <td>AV DP MX MN TP SOC DIR SPD AV DP MX -4P 4P 2P -13P 4 3 * ThomPSON -27 -1 -44 -4P 4P 2P -13P 4 3 * WINNPEGINTL -77P 3P -3P -9 8 7 73 360 52 ATKOKAN -18 -2 -3 0 6 4 -5 7 0 * BIG TROUT LAKE -27 * -8 -1P 2P AP -6 100 100 74 KAPUSKASING -21 -3 -4 -1 * 4 -9 18 100 100 74 KAPUSKASING -21 -3 -0 -29 3 -10 924 150 9 MOSONE -21P -2P -2P -2P -2P -2P -2P <t< td=""><td>AV DP MX MN TP SOC DIR SPD HE PAS -20 x D_2 -33 66 2 8 3 47 0 160 96 HE P</td><td>AV DP MX MN TP SOG DIR SPD AV DP MX MN TP 6 2 8 3 47 0 160 96 THE PAS -20 * -12 -33 7 -4P 4P 2P -13P 4 3 * WINNPEG INTL -77 3P -3P 1P -3P -3P 1P -3P 1P 4P 3P 1P 1P -4P -3P 1P 4P 3P 1P 1P 1</td><td>AV DP MX MN TP ISOC DIR SPD 4V DP MX MN TP ISOC DIR SPD 40 2P -139 4 3 * THE PAS -20 * -12 -33 7 9 46 -18 5 -11 -26 15 3 * THE PAS -22 -14 43 9 46 -9 8 7 -23 9 7 360 52 MINPEG (NTL -77 -14 -43 7 44 60 6 12 -57 6 8 GORE BAY -11 -12 -26 12 19 ATKOKAN -18 -2 -3 -40 7 49 6 6 12 3 57 0 160 102 KNSTON -89 -29 -9 -9 -19 19 10</td><td>AV DP MX MN TP SOC DIR SPP 4 V DP MX MN TP SOC DIR SPP 4 4 3 4 3 * * TP SOC TP SOC DIR SPP -49 2 7 19 440 3 * * TP SOC TP SOC DIR SPP SOC TP SOC TOC SOC<</td></t<></td> | AV DP MX MN TP SOC DIR SPD AV DP MX -4P 4P 2P -13P 4 3 * ThomPSON -27 -1 -44 -4P 4P 2P -13P 4 3 * WINNPEGINTL -77P 3P -3P -9 8 7 73 360 52 ATKOKAN -18 -2 -3 0 6 4 -5 7 0 * BIG TROUT LAKE -27 * -8 -1P 2P AP -6 100 100 74 KAPUSKASING -21 -3 -4 -1 * 4 -9 18 100 100 74 KAPUSKASING -21 -3 -0 -29 3 -10 924 150 9 MOSONE -21P -2P -2P -2P -2P -2P -2P <t< td=""><td>AV DP MX MN TP SOC DIR SPD HE PAS -20 x D_2 -33 66 2 8 3 47 0 160 96 HE P</td><td>AV DP MX MN TP SOG DIR SPD AV DP MX MN TP 6 2 8 3 47 0 160 96 THE PAS -20 * -12 -33 7 -4P 4P 2P -13P 4 3 * WINNPEG INTL -77 3P -3P 1P -3P -3P 1P -3P 1P 4P 3P 1P 1P -4P -3P 1P 4P 3P 1P 1P 1</td><td>AV DP MX MN TP ISOC DIR SPD 4V DP MX MN TP ISOC DIR SPD 40 2P -139 4 3 * THE PAS -20 * -12 -33 7 9 46 -18 5 -11 -26 15 3 * THE PAS -22 -14 43 9 46 -9 8 7 -23 9 7 360 52 MINPEG (NTL -77 -14 -43 7 44 60 6 12 -57 6 8 GORE BAY -11 -12 -26 12 19 ATKOKAN -18 -2 -3 -40 7 49 6 6 12 3 57 0 160 102 KNSTON -89 -29 -9 -9 -19 19 10</td><td>AV DP MX MN TP SOC DIR SPP 4 V DP MX MN TP SOC DIR SPP 4 4 3 4 3 * * TP SOC TP SOC DIR SPP -49 2 7 19 440 3 * * TP SOC TP SOC DIR SPP SOC TP SOC TOC SOC<</td></t<> | AV DP MX MN TP SOC DIR SPD HE PAS -20 x D_2 -33 66 2 8 3 47 0 160 96 HE P | AV DP MX MN TP SOG DIR SPD AV DP MX MN TP 6 2 8 3 47 0 160 96 THE PAS -20 * -12 -33 7 -4P 4P 2P -13P 4 3 * WINNPEG INTL -77 3P -3P 1P -3P -3P 1P -3P 1P 4P 3P 1P 1P -4P -3P 1P 4P 3P 1P 1P 1 | AV DP MX MN TP ISOC DIR SPD 4V DP MX MN TP ISOC DIR SPD 40 2P -139 4 3 * THE PAS -20 * -12 -33 7 9 46 -18 5 -11 -26 15 3 * THE PAS -22 -14 43 9 46 -9 8 7 -23 9 7 360 52 MINPEG (NTL -77 -14 -43 7 44 60 6 12 -57 6 8 GORE BAY -11 -12 -26 12 19 ATKOKAN -18 -2 -3 -40 7 49 6 6 12 3 57 0 160 102 KNSTON -89 -29 -9 -9 -19 19 10 | AV DP MX 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7 A

LA RONGE	-20	1	-9	-31	5	15	320	44	SUMMERSIDE	-5	1	12	-20	22	20	140	85
REGINA	-10	8	-1	-22	5	5	130	67	NEWFOUNDLAND								
SASKATOON	-11	8	-1	-21	7	6	110	59	CARTWRIGHT	-14	-1	8	-29	13	90	210	83
SWIFT CURRENT	-7P	11P	-3P	-12P	OP	0		X	CHURCHILL FALLS	-20	-1	4	-35	16	98	300	52
YORKTON	-16	4	-6	-32	8	18	330	80	GANDER INT'L	-6	-1	10	-22	7	3	270	57
MANITOBA									GOOSE	-17	-1	7	-31	17	82	240	56
BRANDON	-17	3	-7	-32	6	12	300	65	PORT-AUX-BASQUES	-5	-1	б	-17	21	11	250	87
CHURCHILL	-29	-1	-17	-36	10	16	350	89	ST JOHN'S	-5P	-1P	10P	-18P	3	0	180	74
LYNN LAKE	-27	-1	-15	-46	8	41		*	ST LAWRENCE	-4	0	7	-17	12P	0		X
										69 F							
AV = weekly mean terr	nperatu	ire in	dea	ree C					DIR = direction of maximu	um w	rind s	peed	(deg	from	n tru	e no	rth)
MX = weekly extreme r	and the second		and the second sec			leare	e C										
MN = weekly extreme r									SPD = maximum wind speed in km/hour								
TP = weekly total preci				. a tai a		- g			X = not observed								
and the second																	
DP = departure of mean temperature from normal in degree C SOG = snow depth on ground in cm, last day of the period																	
SUG - snow depth on a	ground	in a	m, 10	st day	or t	ne	perio	a	* = missing								
				the state of the state		x 10.8	Martin Martin				enudity is a	- 11 St				-	