



Climatic Perspectives

Monthly Review

JUNE-1988

Vol. 10

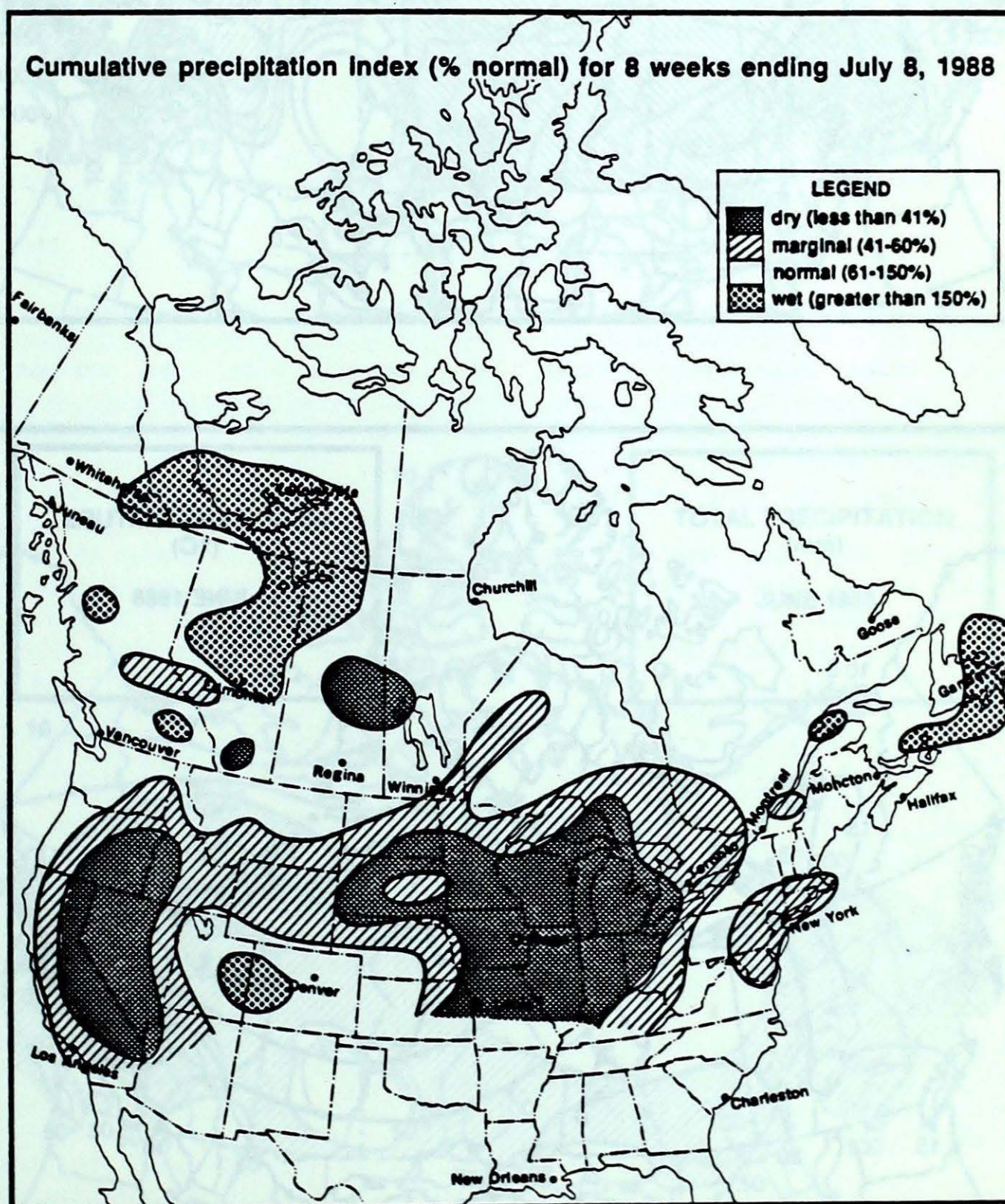
CLIMATIC HIGHLIGHTS

P.Scholefield, Monitoring and Prediction Division

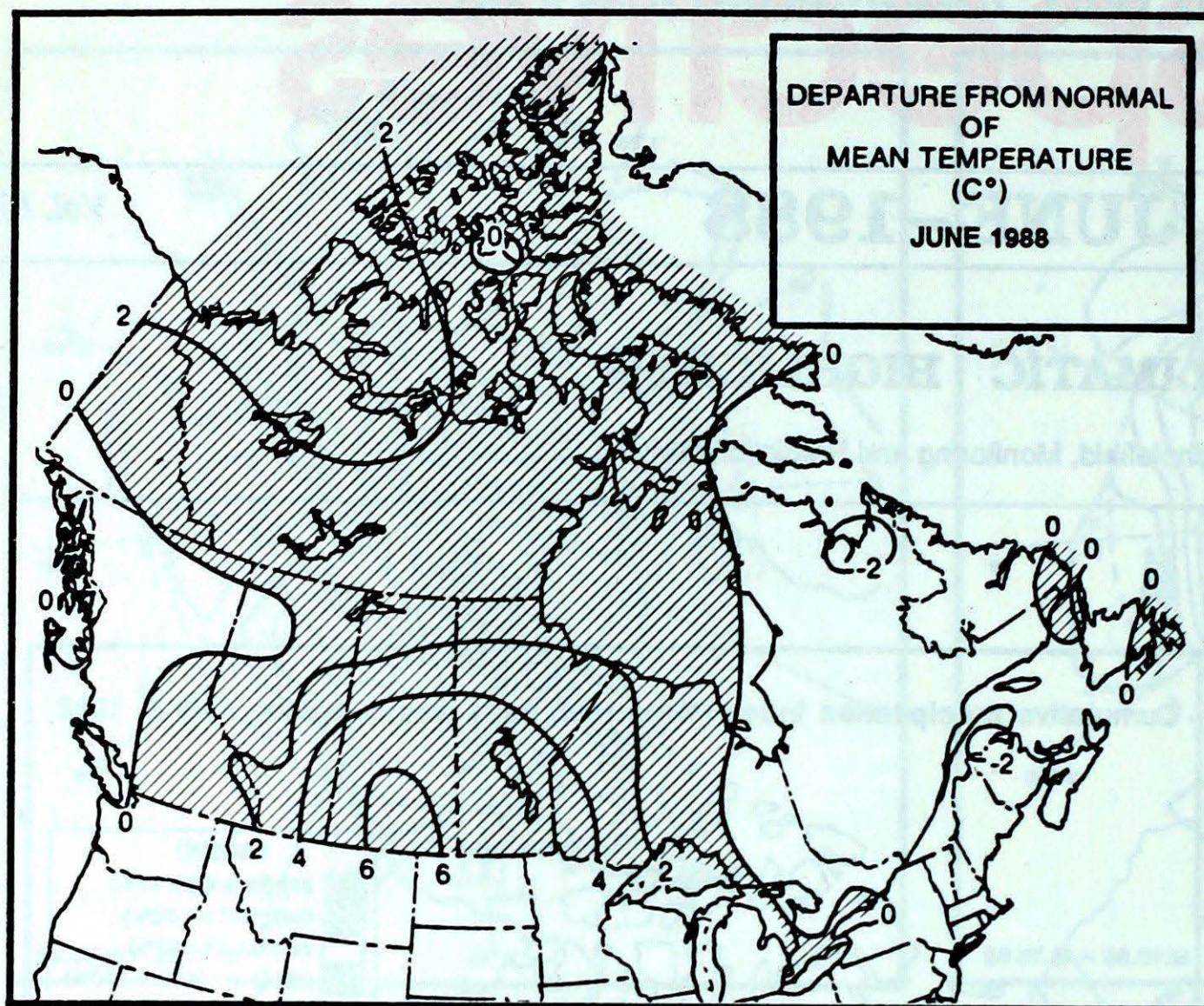
Mid-West U.S.A. Drought Expands into Southwestern Ontario

Once again this month, lack of precipitation dominated the national weather scene. Despite some substantial rainfalls on the Prairies, dryness persisted in the extreme south of Alberta, the southern half of Saskatchewan and extreme southeastern Manitoba. New drought concerns arose in southwestern Ontario. The accompanying map shows how the extensive dry area in the mid-western U.S.A. corn belt has begun to engulf southwestern Ontario.

For many locations southwest of Toronto, it was the driest June on record. In the city itself, it was the second driest June (also May-June period) since records began in 1840, with the driest occurring in 1949. Although the dry spell has not yet been as severe as the one on the Prairies, its impact on farming has been significant because crops planted in southwestern Ontario are dependent on a wetter and less variable precipitation regime than that which typifies the Prairies. New record low precipitation amounts for June were established over the basins of Lakes Michigan-Huron and Erie, while the previous (1912) record minimum was equalled over the Lake Ontario basin. All Great Lakes' water levels were below those of June, 1987.



Across the country



Yukon and Northwest Territories

June was abnormally warm over northern Mackenzie and northern Keewatin Districts, averaging as much as 4°C above normal. However, over most of the Yukon and the Northwest Territories, monthly temperatures averaged not far from normal. Record daily low temperatures were set in southern Yukon on June 1 and again during the third week of the month in the central Arctic. The highest temperatures occurred during the last ten days of the month over the northern Mackenzie District, where some stations reported the high twenties.

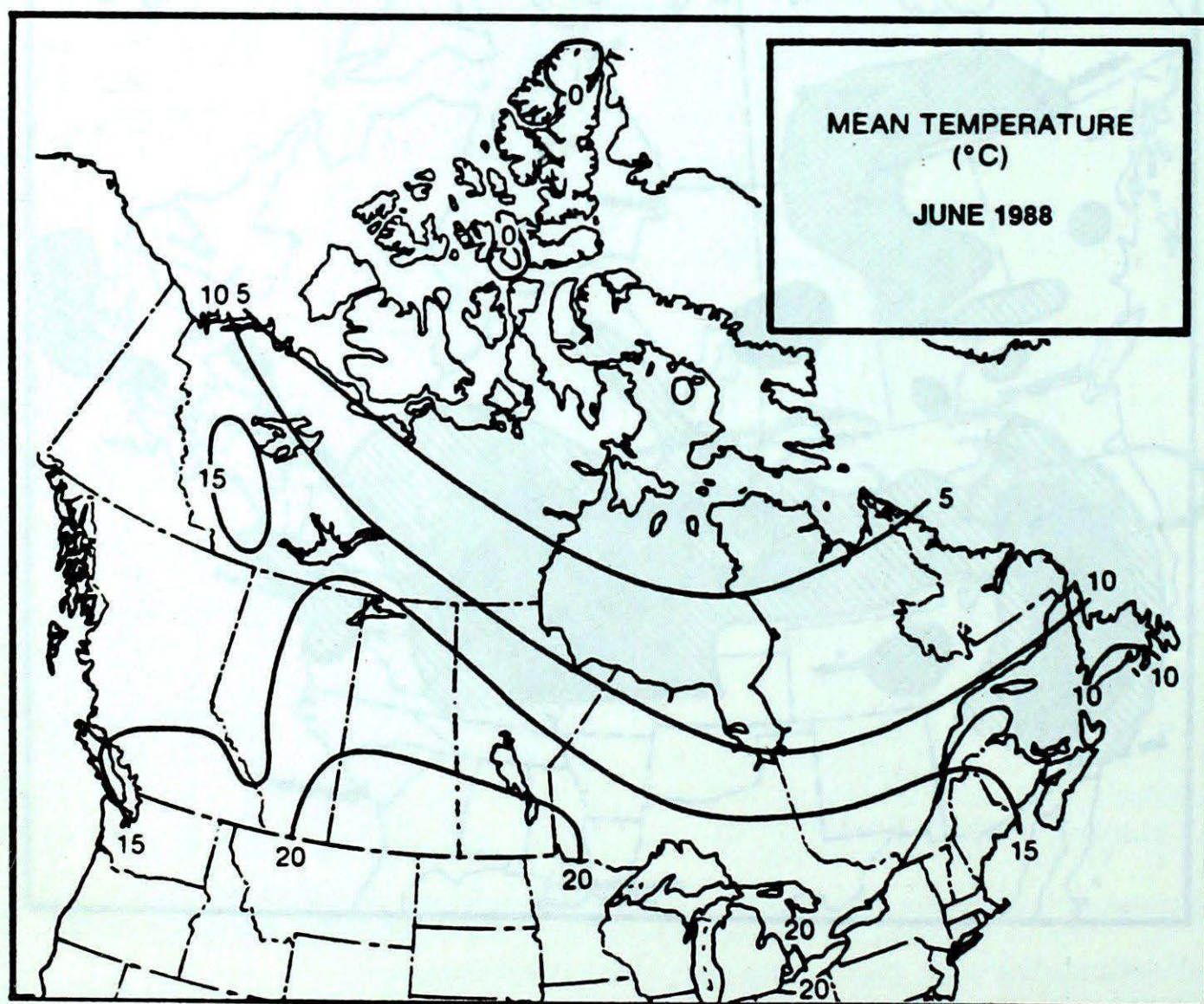
Southeastern Yukon and the southern Mackenzie District were exceptionally wet in June, with the total precipitation reaching two to four times normal values. Most of the rain fell during the third week and also toward the end of the month. Yellowknife's monthly precipitation total of 71.7 mm established a new record for June. The heavy rain caused a number of road closures due to washouts. Northern Yukon, northern Mackenzie District and most of the western and northern Archipelago reported below normal precipitation for the month.

British Columbia

Temperatures averaged close to normal for the month and no new records were established. The highest temperatures occurred in the southeastern Interior valleys and the lowest along the North Coast.

Precipitation was very variable due to the convective nature of the showers. Above normal amounts fell over most stations in the Queen Charlottes and along the North Coast and also in many southern Interior valleys. It was quite dry in the Cariboo and Peace River districts.

The wet weather in the southern Interior was causing agricultural problems. A lush hay crop needed dry weather for harvesting, while cherry-splitting was reported in the Okanagan.



Prairie Provinces

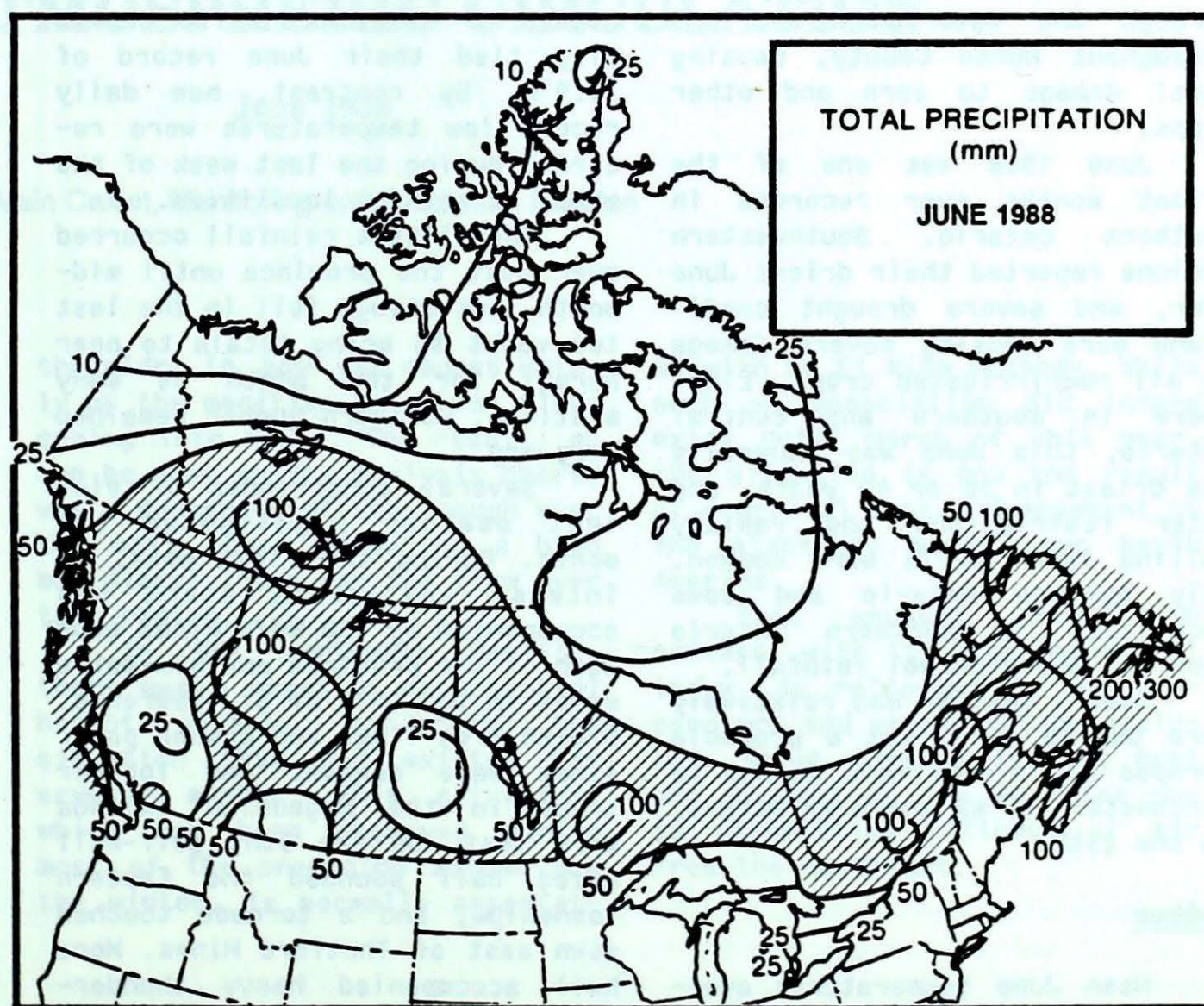
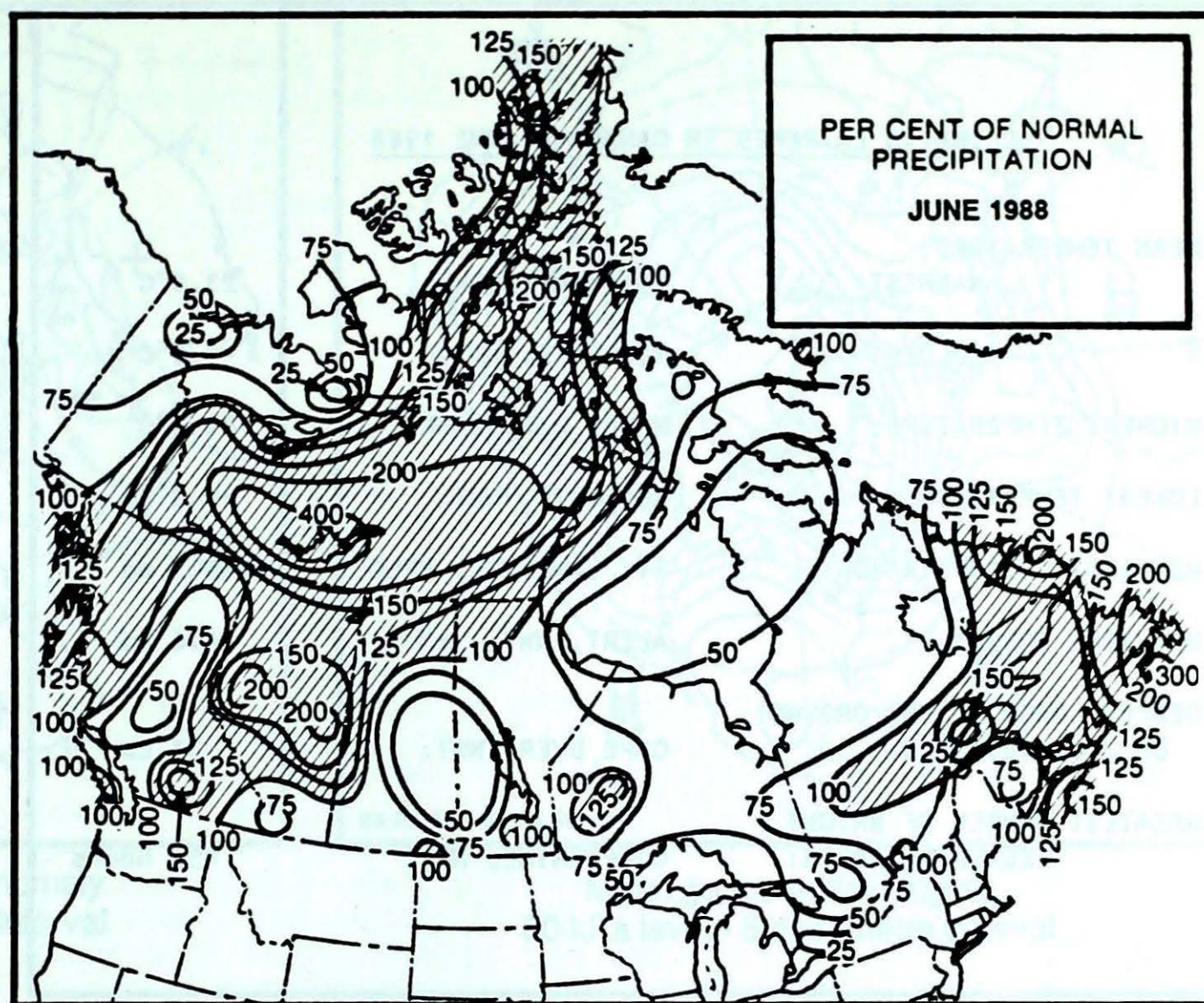
June was a record-breaking warm month across practically all of the Prairies. It was the warmest June ever over the southern agricultural parts of the three provinces with mean temperatures 4 to 7°C above normal. Most days of the month were above normal, but there was some cooling about mid-month. Record-breaking heat struck southern Saskatchewan and southern Manitoba during the first week when the mercury soared into the forties. On the 5th, Regina and Moose Jaw levelled off at 41°C, but some climatological stations were as high as 44°C.

The dry weather of the previous few months continued for most of June, and the worsening drought in the southern agricultural areas was making headlines. Many stations in southern Saskatchewan and southern Alberta had less than half their normal June rainfall, and many stations that had near normal amounts reported most of this rainfall in short-duration bursts during heavy thunderstorms or toward the end of the month, too late for many farmers. The major exception was central and northern Alberta, where some places had twice their normal June rainfall, much of this occurring on June 28 and 29, when up to 200 mm of rain fell.

Numerous outbreaks of severe weather occurred across the southern Prairie Provinces during the month. Most noteworthy was the Camrose tornado on June 5th, which did at least \$3 million worth of damage.

Ontario

Mean temperatures averaged near normal over most of southern and central Ontario, but northwestern parts of the province were very warm, with means averaging 2 to 4°C above normal, and the warmest June since at least 1976. Several stations in this part of the province recorded their warmest June ever. In spite of the fact that temperatures in southern Ontario averaged near normal, there were some exceptionally hot days and also some very cool ones. On June 25, the mercury soared to 40.2°C at Windsor, the highest



CLIMATIC EXTREMES IN CANADA - JUNE 1988

| | | |
|---|---------------------|-----------|
| MEAN TEMPERATURE: | | |
| WARMEST | ESTEVAN, SASK. | 23.6°C |
| COLDEST | RESOLUTE, NWT. | -1.0°C |
| HIGHEST TEMPERATURE: | MOOSE JAW, SASK. | 41.2°C |
| LOWEST TEMPERATURE: | RESOLUTE, NWT. | -9.3°C |
| HEAVIEST PRECIPITATION: | ST. LAWRENCE, NFLD. | 341.3 mm |
| HEAVIEST SNOWFALL: | ALERT, NWT. | 44.6 cm |
| DEEPEST SNOW ON THE GROUND ON JUNE 30, 1988: | CAPE DYER, NWT. | 31 cm |
| GREATEST NUMBER OF BRIGHT SUNSHINE HOURS: | COPPERMINE, NWT. | 456 hours |

reading in the province in forty years. Three days later ground frost was reported in the Peterborough and Waterloo areas and throughout Huron County, causing local damage to corn and other crops.

June 1988 was one of the driest months ever recorded in Southern Ontario. Southwestern regions reported their driest June ever, and severe drought conditions were causing severe damage to all non-irrigated crops. Elsewhere in southern and central Ontario, this June was generally the driest in 30 or 40 years, and water restrictions and rapidly falling lake levels were common. Only eastern Ontario and some localities in northern Ontario reported above normal rainfall.

Severe weather was relatively rare during June, but a probable tornado did significant damage to Winchester, 40 km south of Ottawa, on the 25th.

Québec

Mean June temperatures averaged generally 1 to 2°C below normal for the month. However, a hot spell occurred over most of

the province at mid-month. On June 15, new all time June maximum temperatures were established at a number of stations, while Quebec City tied their June record of 33.9°C. By contrast, new daily record low temperatures were recorded during the last week of the month at several localities.

Very little rainfall occurred over most the province until mid-month, but enough fell in the last two weeks to bring totals to near normal for the month at many stations. Northern Quebec remained very dry.

Several occurrences of violent weather highlighted the month. During the first week, an intense east-coast storm was accompanied by 100 km/h winds over much of the province and six-metre waves in the Gulf of St. Lawrence. Broken tree limbs and downed power lines were common, and lobster traps in the Magadalen Islands were lost. On the 5th, golf-ball sized hail pounded the Eastern Townships, and a tornado touched down east of Thetford Mines. More hail accompanied heavy thunderstorms in the Trois-Rivière region on the 12th, and at Notre-Dame on the 14th and

Gaspé on the 16th. On the 21st, a tornado caused \$3 million damage to the town of Saint-Bernard, about 50 km south of Quebec City. On the 22nd, a house was blown down by the wind at Coteau Station, while torrential rains triggered a landslide which in turn caused a train derailment at Coteau Landing. Heavy downpours of rain, strong winds and hail also occurred in southern Quebec on the 25th.

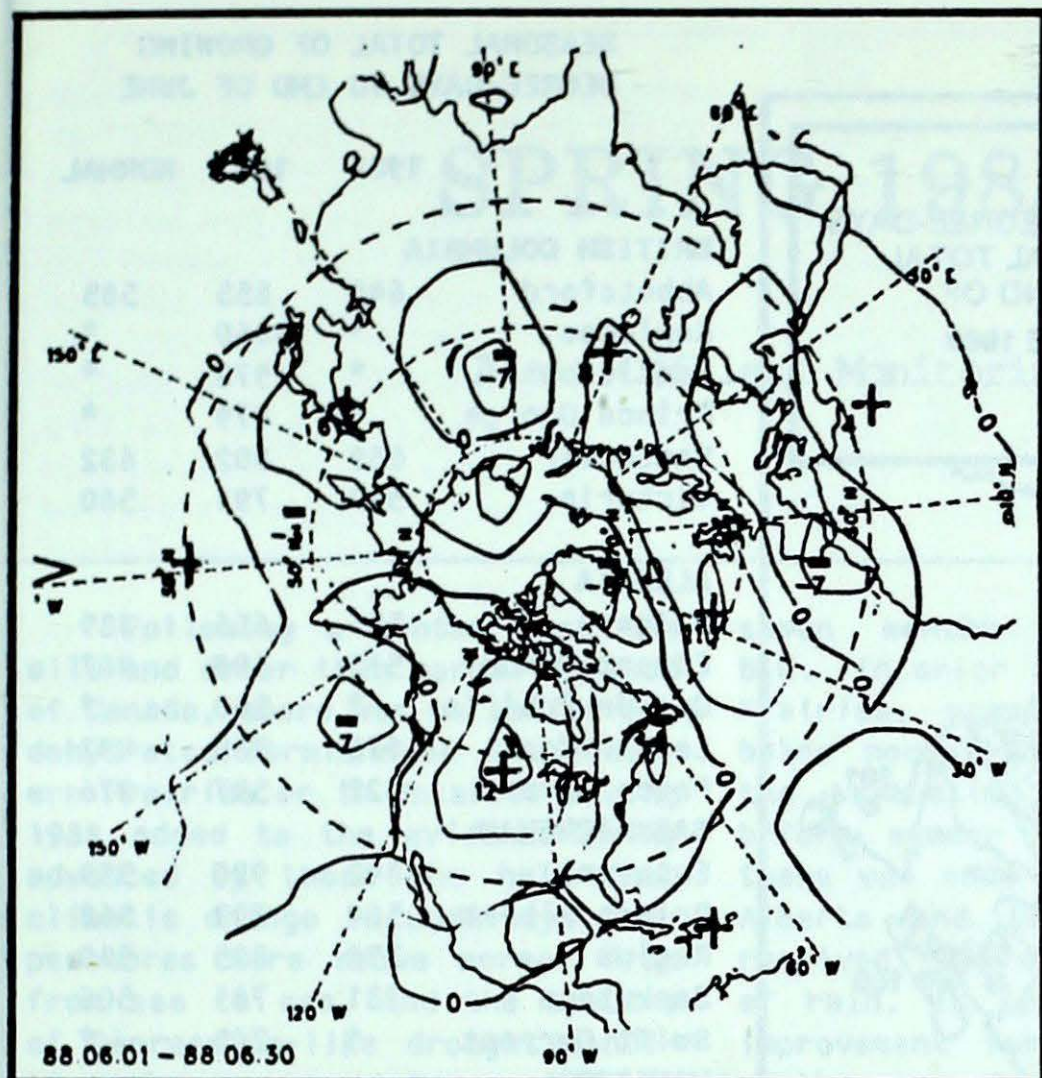
Atlantic Provinces

It was cool this June in Atlantic Canada. Although a few stations reported near normal values, for most of the area, temperatures averaged 1 to 2°C below normal. At Moncton and Charlo, N.B., it was the second coldest June ever. Some frost was reported over New Brunswick early in the month. Although most of the month was cool, a brief warm spell occurred just after mid-month, with temperatures climbing into the low to mid-thirties at many localities. A number of record high temperatures for the day were established.

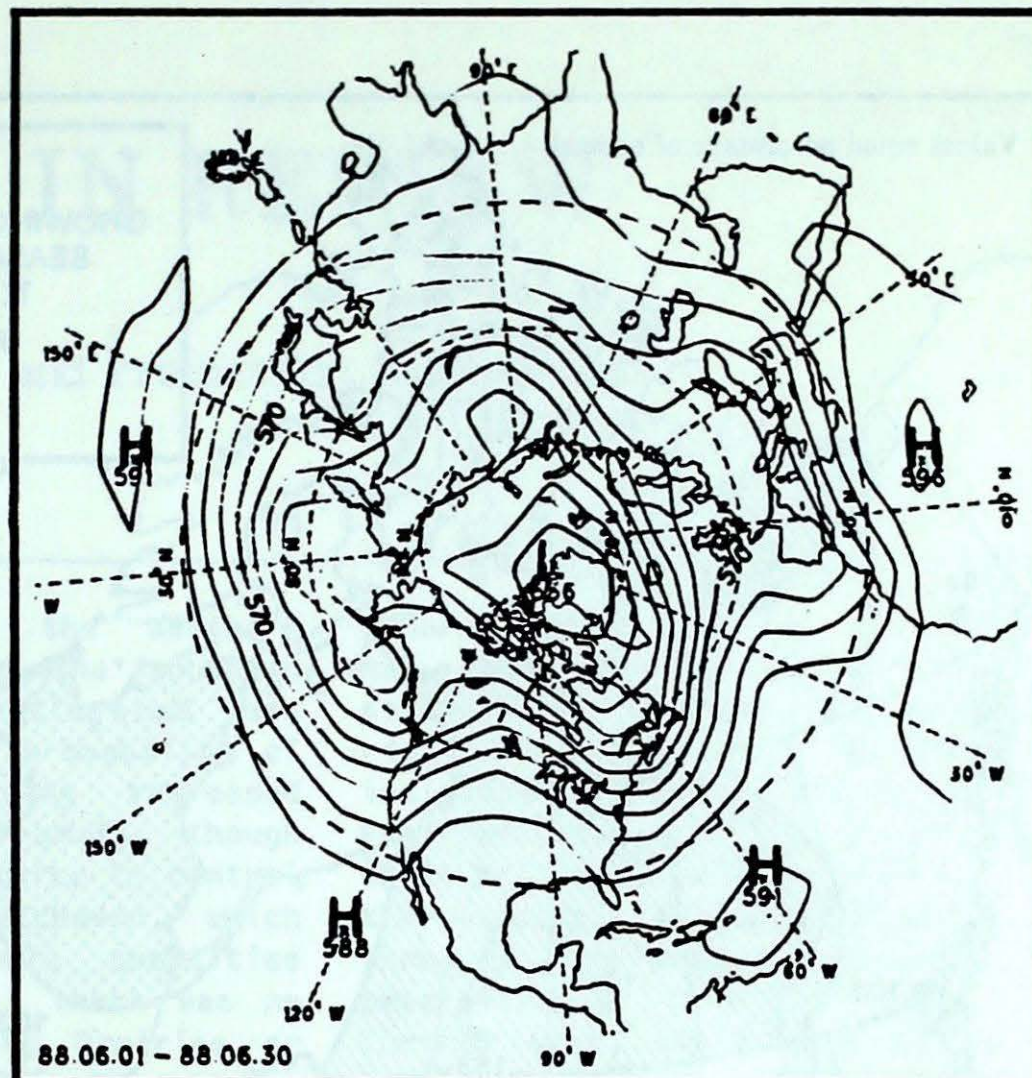
Precipitation was well-below normal in June over most of New Brunswick and western Prince Edward Island. Over most of the remainder of the Atlantic Provinces it was very wet. In Newfoundland, total precipitation amounts were two to three times normal at many stations. Gander had their wettest June on record with 165 mm.

Gander, reported 13.4 cm of snow on June 1st, a new daily record. At the same location, a monthly total of 22.2 cm pushed the 1987-88 seasonal accumulation to 595.2 cm, third heaviest snowfall amount since records began in 1937.

A number of heavy thunderstorms occurred over the Maritimes, especially during the latter half of the month. On the 26th, lightning struck a runway at Yarmouth Airport, creating a hole and knocking out a number of lights. Over 50 mm of rain fell in the Halifax-Dartmouth area on the 30th, causing flooded basements and streets, traffic chaos and power outages.



Mean geopotential height anomaly
50 kPa level - 5 decametre interval



Mean geopotential heights
50 kPa level - 5 decametre interval

50 kPa ATMOSPHERIC CIRCULATION

June 1988

Alain Caillet, Monitoring and Prediction Division

In June, the circulation aloft saw a marked intensification of the ridge over west central North-America. At the end of the month, this planetary wave, which is normally located along a line from northern British Columbia through the Yukon to northern Alaska, had for three months been firmly stationed further to the east, over the Prairies. Its mean monthly height values have been above normal in every analysis since the beginning of the year.

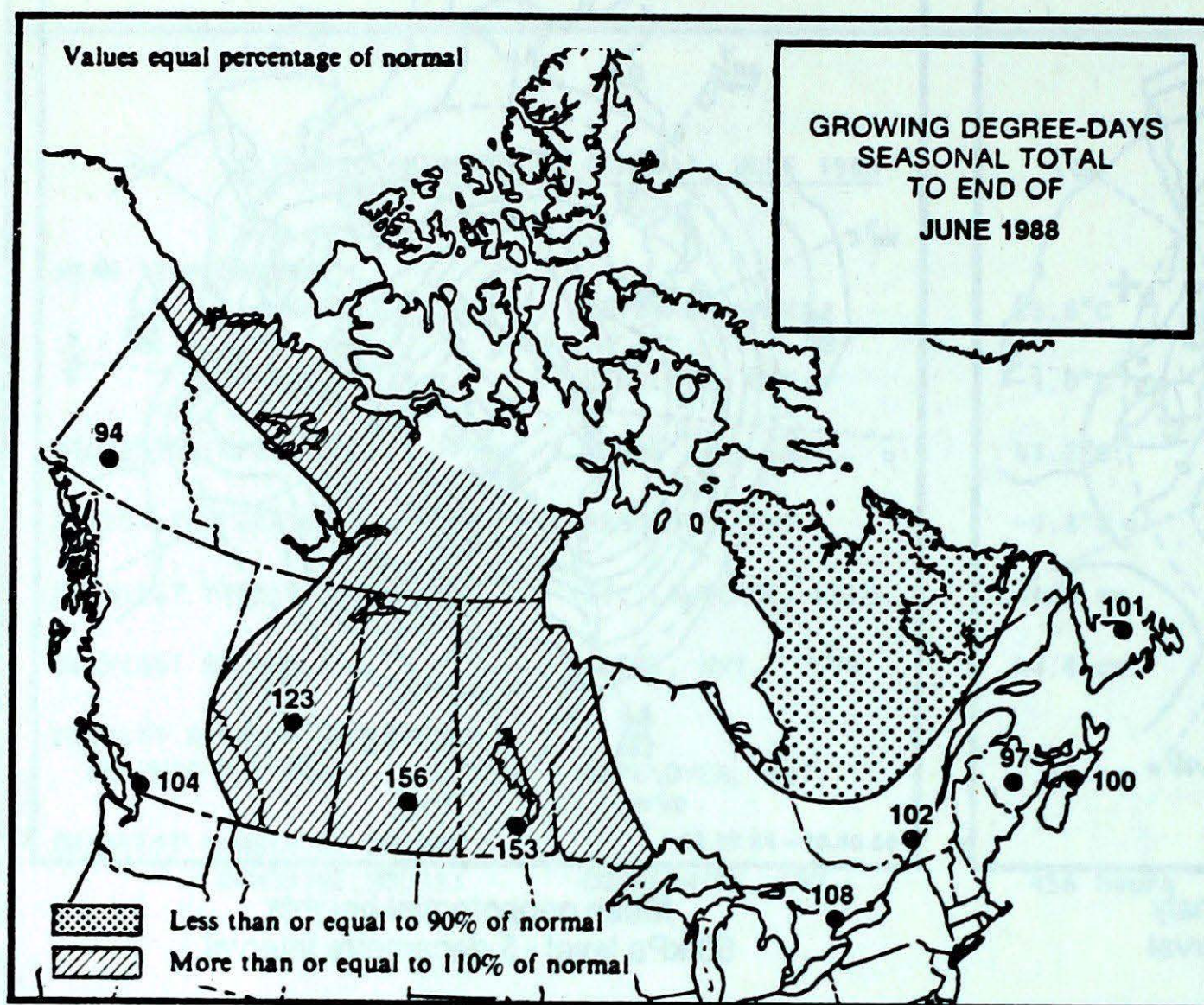
By comparison with the preceding month, intensification of

the ridge in June was caused mainly by the maritime and polar flows coming into phase. The result, as can be seen on the analysis chart, was a deepening of the trough over the east coast producing a high meridional index for the flow over this region.

In the northeast Pacific, there was a negative geopotential height anomaly, prolonging the situation that had existed for several months. This situation, which had been observed during most of the preceding autumn and the winter, is normally associat-

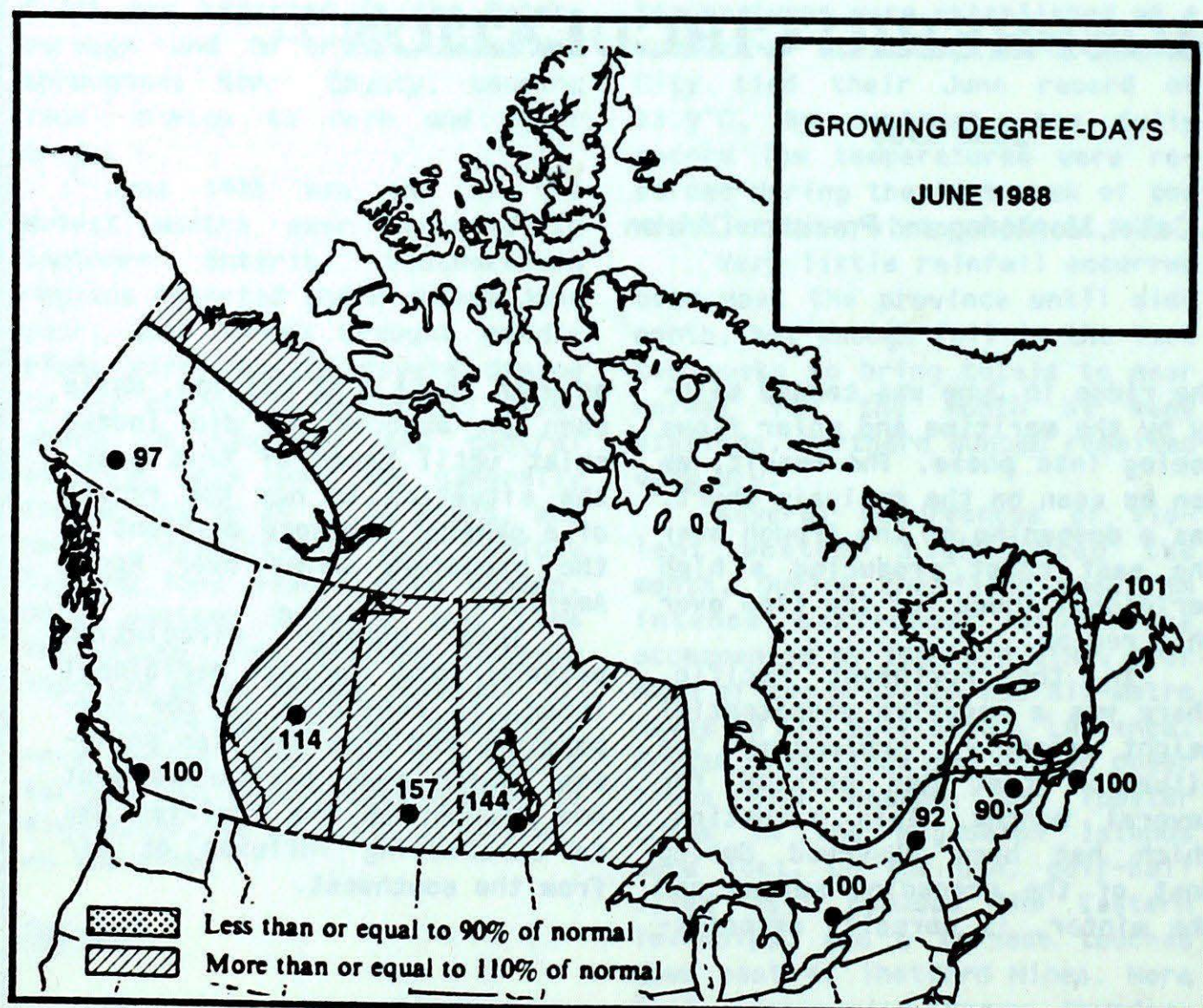
ed with an El Nino episode. While such an association did indeed exist until March of this year, the situation is now the result of a general eastward movement of the planetary waves over North America.

This unusual circulation pattern, with its high meridional index, is reflected in the temperature and precipitation analyses, which show sweltering heat and drought on the Prairies due to unremitting influxes of air from the southwest.



**SEASONAL TOTAL OF GROWING
DEGREE-DAYS TO END OF JUNE**

| | 1988 | 1987 | NORMAL |
|-----------------------------|------|------|--------|
| BRITISH COLUMBIA | | | |
| Abbotsford | 646 | 855 | 585 |
| Kamloops | * | 1060 | * |
| Penticton | * | 973 | * |
| Prince George | * | 479 | * |
| Vancouver | 659 | 902 | 632 |
| Victoria | 569 | 791 | 580 |
| ALBERTA | | | |
| Calgary | 556 | 666 | 389 |
| Edmonton Mun. | 575 | 698 | 467 |
| Grande Prairie | * | 560 | * |
| Lethbridge | 670 | 765 | 493 |
| Peace River | 422 | 547 | 376 |
| SASKATCHEWAN | | | |
| Estevan | 842 | 920 | 539 |
| Prince Albert | 564 | 703 | 368 |
| Regina | 798 | 825 | 510 |
| Saskatoon | 781 | 781 | 506 |
| Swift Current | * | 765 | * |
| MANITOBA | | | |
| Brandon | * | 766 | * |
| Churchill | 26 | 60 | 14 |
| Dauphin | 600 | 765 | 407 |
| Winnipeg | * | 870 | * |
| ONTARIO | | | |
| London | 684 | 896 | 618 |
| Mount Forest | * | 659 | * |
| North Bay | * | 546 | * |
| Ottawa | 684 | 790 | 646 |
| Thunder Bay | 377 | 539 | 300 |
| Toronto | 643 | 861 | 596 |
| Trenton | 624 | 828 | 599 |
| Windsor | 832 | 1033 | 759 |
| QUÉBEC | | | |
| Baie Comeau | * | 301 | * |
| Maniwaki | 517 | 530 | 504 |
| Montréal | 669 | 806 | 655 |
| Quebec | 513 | 540 | 504 |
| Sept-Îles | 212 | 244 | 232 |
| Sherbrooke | 471 | 534 | 474 |
| NEW BRUNSWICK | | | |
| Charlo | 371 | 418 | 377 |
| Fredericton | 480 | 521 | 494 |
| Moncton | 387 | 466 | 411 |
| NOVA SCOTIA | | | |
| Sydney | 325 | 310 | 310 |
| Truro | * | 413 | * |
| Yarmouth | * | 463 | * |
| PRINCE EDWARD ISLAND | | | |
| Charlottetown | 356 | 394 | 373 |
| NEWFOUNDLAND | | | |
| Gander | 168 | 289 | 166 |
| St. John's | * | 246 | * |
| Stephenville | 262 | 286 | 260 |



SPRING 1988 IN REVIEW

Alain Caillet, Monitoring and Prediction Division

Following a winter that was mild and drier than normal in most of Canada, there was no relief for dehydrated farmland on the southern Prairies or in Ontario. Spring 1988 added to the evidence being advanced by those who hold that climatic change is underway: temperatures were above normal from sea to sea, and the spectre of Depression-like drought conditions became more of a reality as a critical precipitation deficit made itself felt on the southern Prairies and in Ontario.

Temperatures

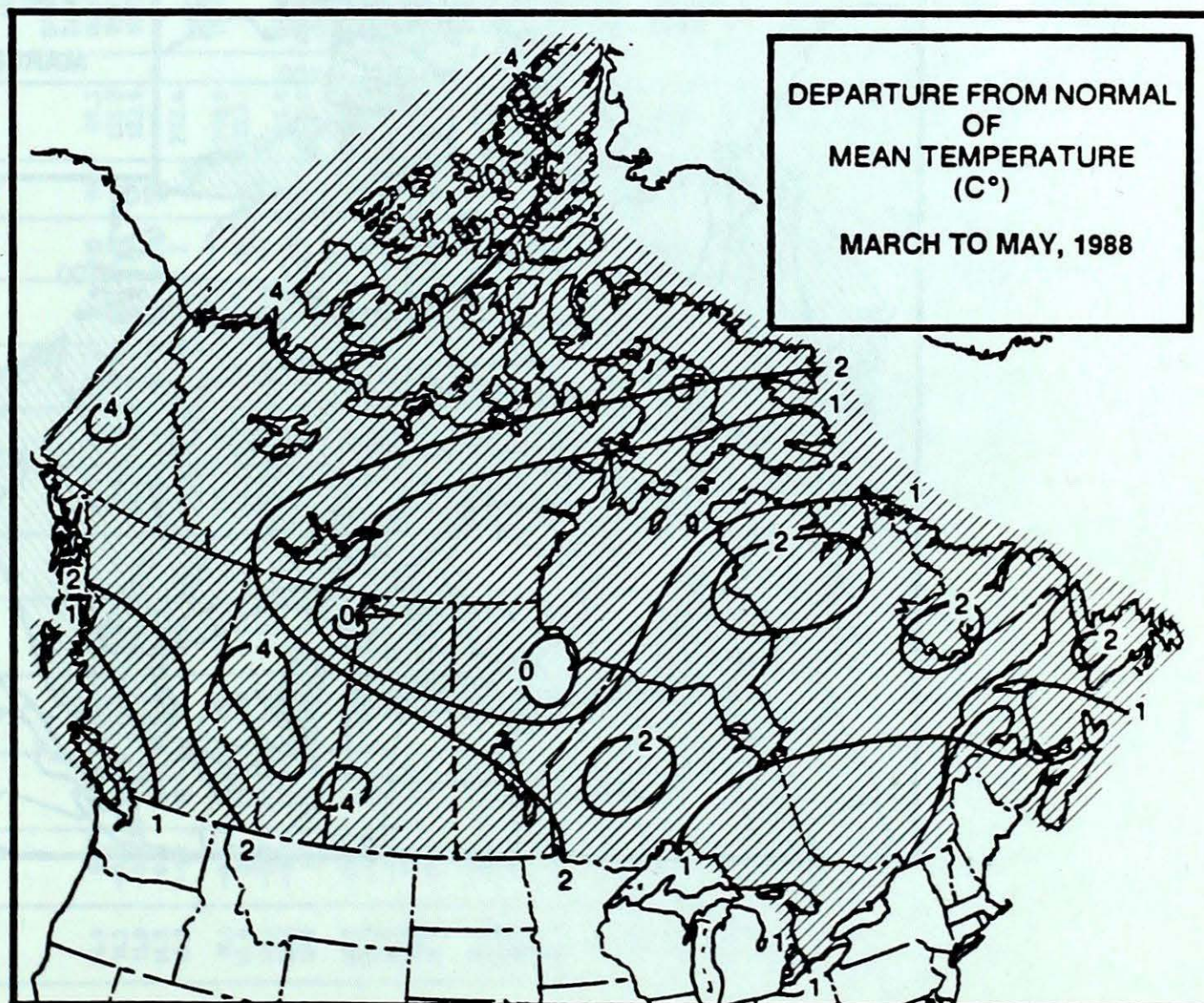
Beginning in early March, western Canada enjoyed very mild temperatures. This was especially the case in Alberta and the Yukon. A temperature of almost 20°C was reached at Medicine Hat in Alberta, which was in its seventh consecutive month of above-normal temperatures. In April, the northwest experienced an early spring; Dawson (Yukon) reached 29°C, and summer seemed to have arrived in the B.C. interior and in Alberta, with temperatures reaching 30 and 27°C respectively. By mid-May, the temperature had already reached 34°C at Medicine Hat. In the central and eastern parts of the country, temperatures were much more variable. Despite mean positive anomalies, repeated influxes of cold air resulted in spring weather that was mild but capricious.

Precipitation

The hydrological situation in western Canada started to become critical in early March. For over

seven months in the southern B.C. interior and the southern Prairies, precipitation had been below normal. The probability of the situation being redressed before summer was small, though there was some respite in central Alberta and Saskatchewan, which received appreciable quantities of rain. In April, there was no improvement for the Prairies or northwestern Ontario, where monthly accumulations were 25% below normal. Only southeastern Saskatchewan and the valleys of the southern B.C. interior received

generous precipitation. In late May, under the influence of a strong and almost stationary ridge in the west, dryness indices were still rising in the Prairies and southern Ontario, while British Columbia, Yukon and the Mackenzie District received three to five times their normal precipitation for the month. Further east, there were a few spectacular storms and precipitation was variable, but most stations in Quebec and the Atlantic provinces recorded more or less normal amounts.



Impacts

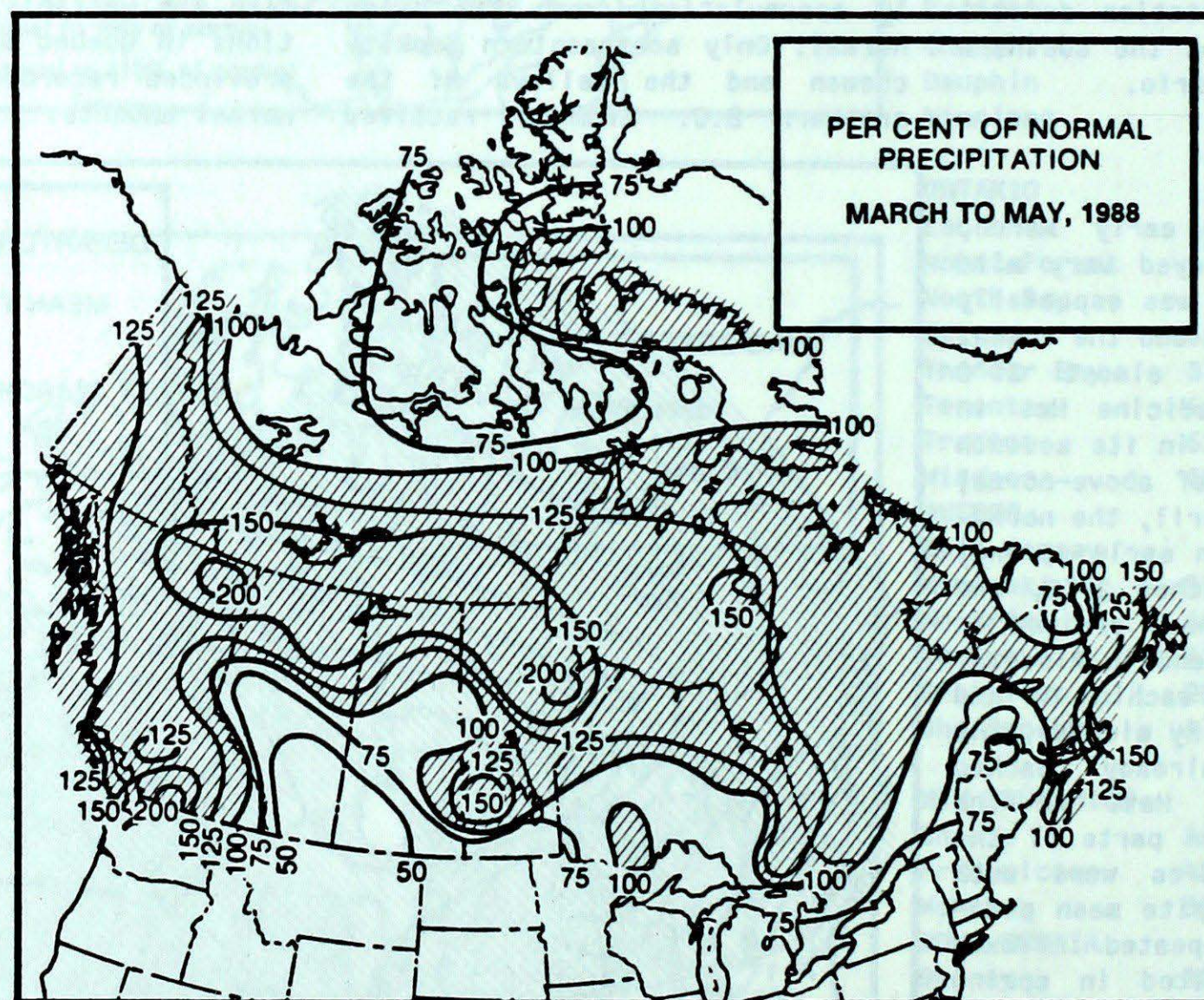
The remarkable spring weather had both direct and indirect effects on the economy and other aspects of Canadian life. The mild temperatures were perceived very differently from region to region and province to province. In the north and north-west, the early arrival of spring was cause for celebration. On the Prairies, despite low soil water reserves, people were happy because winter kill losses to winter wheat and last fall's rye crops were low, and because the spring seeding was coming along rapidly. In Ontario and Quebec, however, the mild weather brought an early end to maple syrup production, and ski resorts had to close early.

Soon, a large number of small rural communities and farms in western Canada were having to make arrangements to transport the water they needed; wind erosion was ravaging many farms, and forest fires were breaking out all over the place. By late May, the only hope for the crop on the Prairies was normal rainfall for the whole remaining part of the growing season.

Meanwhile, variable skies in Nova Scotia, often bringing ample precipitation, gave the province its best maple syrup harvest in many years, and in general, fewer brush fires were reported in the Maritimes.

There were two big storms, one affecting the Maritimes and one in Quebec. On the 18th and

19th of April, as 40 cm of snow fell along the North Shore at Sept-Iles, Quebec, freezing rain accumulated on the high-voltage power lines that supply almost the entire province, as well as some parts of the Maritimes and the United States. There was a spectacular, generalized power failure causing losses of several million dollars for industry and trade. On 2-4 May, Nova Scotia and Prince Edward Island were hit by a storm bringing high winds, up to 148 km/h on Cape Breton Island. Lobster fishermen on Pictou Island, Nova Scotia, lost 70% of their traps. There were reports of damage to buildings, uprooted trees and traffic accidents, though fortunately no lives were lost.



JUNE 1988

| 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 | | | | | | | | | |
| BRITISH COLUMBIA | | | | | | | | | | | | | |
| ABBOTSFORD | 14.9 | 0.2 | 30.3 | 4.7 | 0.0 | 49.7 | 77 | 0 | 9 | 215 | 99 | 99.3 | |
| ALERT BAY | 11.5 | -0.8 | 21.2 | 3.2 | 0.0 | 5.8 | 8 | 0 | 10 | X | | 195.3 | |
| AMPHITRITE POINT | 11.9 | -0.5 | 17.6 | 5.6 | 0.0 | 98.5 | 106 | 0 | 9 | X | | 182.9 | |
| BLUE RIVER | 14.5 | 0.8 | 30.5 | 0.6 | 0.0 | 101.4 | 124 | 0 | 16 | 167 | 84 | | |
| BULL HARBOUR | 10.2 | -1.2 | 16.6 | 1.6 | 0.0 | 86.0 | 110 | 0 | 15 | X | | 233.6 | |
| CAPE SCOTT | 11.1 | -0.4 | 15.8 | 4.8 | 0.0 | 99.1 | 96 | 0 | 13 | X | | 208.5 | |
| CAPE ST. JAMES | 10.6 | 0.0 | 13.0 | 4.2 | 0.0 | 114.2 | 155 | 0 | 15 | 142 | * | 223.1 | |
| CASTLEGAR | 16.7 | -0.2 | 33.8 | 5.0 | 0.0 | 60.4 | 96 | 0 | 11 | 191 | 79 | | |
| COMOX | 14.5 | -0.5 | 25.3 | 3.7 | 0.0 | 40.9 | 116 | 0 | 7 | X | | 106.0 | |
| CRANBROOK | 15.9 | 1.8 | 30.3 | 4.1 | 0.0 | 43.1 | 89 | 0 | 11 | 250 | * | 77.9 | |
| DEASE LAKE | 10.0 | -0.4 | 24.2 | -2.3 | 0.0 | 54.8 | 125 | 0 | 11 | 153 | 70 | 239.7 | |
| ETHELDA BAY | 10.3 | -1.0 | 18.2 | 2.2 | 0.0 | 155.3 | 122 | 0 | 19 | X | | 230.3 | |
| FORT NELSON | 14.3 | -0.1 | 27.4 | 3.2 | 0.0 | 63.6 | 92 | 0 | 11 | 245 | * | 114.8 | |
| FORT ST. JOHN | 13.5 | 0.0 | 24.2 | 4.5 | 0.0 | 46.3 | 68 | 0 | 7 | X | | 135.0 | |
| HOPE | 15.4 | -0.4 | 31.0 | 5.7 | 0.0 | 50.5 | 78 | 0 | 11 | 194 | 86 | 83.3 | |
| KAMLOOPS | 18.4 | 0.4 | 33.8 | 4.3 | 0.0 | 30.8 | 103 | 0 | 7 | 253 | 98 | 41.3 | |
| KELOWNA | 16.6 | 0.7 | 32.3 | 0.2 | 0.0 | 49.0 | 182 | 0 | 9 | 214 | 78 | 68.9 | |
| LANGARA | 10.3 | 0.2 | 14.4 | 4.7 | 0.0 | 110.2 | 123 | 0 | 20 | X | | 230.1 | |
| LYTTON | 18.2 | 0.1 | 33.4 | 4.6 | 0.0 | 27.6 | 141 | 0 | 7 | 249 | 92 | 43.1 | |
| MACKENZIE | 12.0 | -0.5 | 26.3 | -2.0 | 0.0 | 55.4 | 82 | 0 | 8 | 234 | 93 | 180.9 | |
| MCINNES ISLAND | 11.6 | -0.4 | 16.1 | 5.9 | 0.0 | 143.4 | 117 | 0 | 19 | X | | 193.8 | |
| PENTICTON | 17.7 | 0.5 | 34.1 | 3.7 | 0.0 | 36.8 | 133 | 0 | 8 | 218 | 83 | 52.2 | |
| PORT ALBERNI | 13.5 | * | 30.7 | 2.4 | 0.0 | 52.2 | * | 0 | 7 | 204 | * | 135.5 | |
| PORT HARDY | 11.0 | -0.8 | 17.6 | 2.0 | 0.0 | 76.7 | 108 | 0 | 13 | 150 | 87 | 210.5 | |
| PRINCE GEORGE | 13.1 | 0.2 | 26.3 | 2.1 | 0.0 | 48.4 | 72 | 0 | 10 | 232 | 89 | 148.7 | |
| PRINCE RUPERT | 10.9 | 0.1 | 18.6 | 1.2 | 0.0 | 88.0 | 67 | 0 | 16 | 151 | 100 | 212.3 | |
| PRINCETON | 14.5 | 0.0 | 32.4 | 0.5 | 0.0 | 37.0 | 139 | 0 | 8 | 239 | * | | |
| QUESNEL | 14.3 | 0.3 | 29.5 | 2.8 | 0.0 | 26.1 | 41 | 0 | 7 | X | | 116.5 | |
| REVELSTOKE | 16.5 | 0.6 | 30.0 | 2.2 | 0.0 | 88.5 | 136 | 0 | 12 | 175 | 80 | 62.4 | |
| SANDSPIT | 11.3 | -0.3 | 18.5 | 4.4 | 0.0 | 96.8 | 187 | 0 | 16 | 133 | 76 | 211.3 | |
| SMITHERS | 11.1 | -1.4 | 27.8 | -4.1 | 0.0 | 74.7 | 186 | 0 | 14 | 193 | 77 | 209.4 | |
| TERRACE | 12.2 | -1.5 | 25.5 | 1.5 | 0.0 | 48.7 | 114 | 0 | 10 | 175 | 91 | 174.5 | |
| VANCOUVER HARBOUR | | | | | | | | | | X | | | |
| VANCOUVER INT'L | 15.1 | 0.0 | 25.4 | 7.1 | 0.0 | 39.0 | 86 | 0 | 7 | 257 | 107 | 90.1 | |
| VICTORIA GONZ. HTS | 13.9 | 0.1 | 26.0 | 7.0 | 0.0 | 13.9 | 69 | 0 | 3 | 288 | 104 | 125.1 | |
| VICTORIA INT'L | 13.7 | -0.6 | 26.7 | 4.4 | 0.0 | 29.2 | 100 | 0 | 6 | 271 | 105 | 127.9 | |
| VICTORIA MARINE | 12.0 | -0.5 | 22.1 | 3.3 | 0.0 | 29.1 | 110 | 0 | 5 | X | | 184.7 | |
| WILLIAMS LAKE | 13.6 | 0.6 | 30.6 | 1.1 | 0.0 | 21.8 | 48 | 0 | 7 | 237 | 83 | 4.9 | |

| 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 | | | | | | | | | |
| YUKON TERRITORY | | | | | | | | | | | | | |
| BURWASH | | | | | | | | | | | X | | |
| DAWSON | 14.4 | 1.5 | 27.8 | -1.0 | 1.0 | | 18.3 | 42 | | | X | | |
| MAYO | 14.4 | 1.0 | 26.8 | 0.9 | 0.0 | | 23.0 | 65 | 0 | 8 | X | | 281.7 |
| WATSON LAKE | 12.7 | 0.0 | 25.7 | 1.0 | 0.0 | | 95.0 | 184 | 0 | 12 | X | 78 | 158.1 |
| WHITEHORSE | 11.9 | -0.2 | 23.9 | -2.2 | 0.0 | | 31.1 | 101 | 0 | 7 | | | 186.3 |
| NORTHWEST TERRITORIES | | | | | | | | | | | | | |
| ALERT | -0.9 | 0.2 | 5.6 | -7.5 | 44.6 | 455 | 34.8 | 287 | 26 | 9 | 170 | 55 | 563.0 |
| BAKER LAKE | 4.8 | 0.7 | 19.0 | -2.3 | 2.8 | 100 | 45.6 | 218 | | 5 | 310 | 118 | 369.9 |
| CAMBRIDGE BAY | 3.6 | 2.1 | 21.8 | -3.0 | 1.8 | 45 | 16.8 | 127 | 0 | 5 | 249 | 92 | 431.3 |
| CAPE DYER | 0.2 | 0.0 | 10.8 | -6.0 | 44.4 | 154 | 45.6 | 115 | 31 | 9 | X | | 535.0 |
| CAPE PARRY | 3.9 | 2.3 | 16.2 | -2.3 | 0.4 | 12 | 7.8 | 54 | | 2 | X | | 425.0 |
| CLYDE | 1.6 | 1.0 | 15.5 | -7.6 | 11.4 | 118 | 12.2 | 97 | | 5 | 225 | 86 | 493.2 |
| COPPERMINE | 6.9 | 3.1 | 24.9 | -2.9 | 0.2 | 7 | 3.2 | 18 | 0 | 1 | 456 | 147 | 331.3 |
| CORAL HARBOUR | 2.1 | 0.0 | 12.5 | -3.4 | 10.4 | 128 | 34.8 | 129 | 0 | 6 | 264 | 93 | 477.3 |
| EUREKA | 2.0 | 0.2 | 8.3 | -3.0 | 1.2 | 50 | 4.9 | 90 | 0 | 1 | 279 | 68 | 479.3 |
| FORT RELIANCE | 9.9 | 0.3 | 26.3 | -1.4 | 5.6 | 430 | 75.1 | 287 | 0 | 11 | X | | 246.6 |
| FORT SIMPSON | 14.6 | 0.2 | 31.1 | 0.3 | 0.0 | | 174.4 | 480 | 0 | 11 | 256 | 91 | 107.5 |
| FORT SMITH | 15.5 | 1.9 | 28.8 | 1.2 | 0.0 | | 82.9 | 201 | 0 | 12 | 221 | 73 | 88.4 |
| IQUALUIT | 2.9 | -0.5 | 14.5 | -2.5 | 3.8 | 37 | 17.8 | 45 | 0 | 7 | 201 | 114 | 453.0 |
| HALL BEACH | 1.7 | 1.7 | 9.9 | -2.6 | 3.4 | 54 | 15.4 | 92 | 0 | 4 | X | | 489.8 |
| HAY RIVER | 12.2 | 0.3 | 28.6 | -0.5 | 0.0 | | 17.2 | 437 | 0 | 15 | X | | 178.3 |
| INUVIK | 12.9 | 2.8 | 27.3 | -1.4 | 0.2 | 9 | 3.6 | 15 | 0 | 2 | 391 | 104 | 161.4 |
| MOULD BAY | 2.1 | 2.4 | 9.3 | -6.3 | 4.8 | 137 | 5.4 | 85 | 2 | 3 | 210 | 85 | 550.6 |
| NORMAN WELLS | 15.7 | 1.7 | 28.7 | 4.1 | 0.0 | | 63.8 | 172 | 0 | 6 | 304 | 97 | 79.9 |
| POND INLET | 2.9 | 1.4 | 13.5 | 1.5 | 17.0 | 309 | 23.3 | 277 | 0 | 5 | X | | 453.7 |
| RESOLUTE | -1.0 | -0.4 | 8.9 | -9.3 | 16.0 | 228 | 28.8 | 238 | | 6 | 150 | 58 | 571.3 |
| YELLOWKNIFE | 13.1 | 0.2 | 24.9 | 1.7 | 0.0 | | 71.7 | 426 | 0 | 6 | 298 | 75 | 148.7 |
| ALBERTA | | | | | | | | | | | | | |
| BANFF | 13.6 | 2.0 | 29.0 | 1.0 | 0.0 | | 78.2 | 127 | 0 | 18 | X | | |
| CALGARY INT'L | 16.3 | 2.8 | 29.6 | 4.0 | 0.0 | | 84.6 | 94 | 0 | 11 | 268 | 100 | 70.5 |
| COLD LAKE | 16.5 | 2.0 | 29.1 | 4.9 | 0.0 | | 146.0 | 203 | 0 | 12 | 244 | * | 61.4 |
| CORONATION | 17.6 | 3.2 | 32.0 | 0.4 | 0.0 | | 89.6 | 155 | 0 | 8 | 314 | 101 | 53.2 |
| EDMONTON INT'L | 15.8 | 1.7 | 27.8 | 4.1 | 0.0 | | 120.8 | 157 | 0 | 12 | 278 | 96 | 71.2 |
| EDMONTON MUNI. | 16.7 | 1.6 | 28.7 | 6.0 | 0.0 | | 157.4 | 203 | 0 | 15 | 270 | 99 | 53.2 |
| EDMONTON NAMAQ | 15.9 | 1.2 | 28.6 | 4.0 | 0.0 | | 143.9 | 184 | 0 | 14 | X | | 73.1 |
| EDSON | 13.9 | 2.1 | 26.4 | 1.0 | 0.0 | | 170.7 | 193 | 0 | 14 | 246 | 96 | 126.5 |
| FORT CHIPEWYAN | 15.3 | 1.7 | 28.0 | 2.0 | 0.0 | | 63.2 | 153 | 0 | | X | | |

JUNE 1988

| 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 | | | | | | | | | |
| FORT MCMURRAY | 15.9 | 1.9 | 27.9 | 4.0 | 0.0 | | 99.1 | 154 | 0 | 15 | 212 | 77 | 74.3 |
| GRANDE PRAIRIE | 14.1 | 0.4 | 27.1 | 2.0 | 0.0 | | 157.6 | 225 | 0 | 14 | 268 | * | 119.5 |
| HIGH LEVEL | 14.2 | 0.6 | 27.1 | 1.9 | 0.0 | | 78.6 | 147 | 0 | 8 | 226 | 74 | 115.8 |
| JASPER | 13.9 | 1.5 | 29.1 | 3.0 | 0.0 | | 56.4 | 102 | 0 | 8 | 224 | * | 127.6 |
| LETHBRIDGE | 18.8 | 3.4 | 34.3 | 4.3 | 0.0 | | 45.9 | 58 | 0 | 5 | 319 | 112 | 38.1 |
| MEDICINE HAT | 20.7 | 4.1 | 35.2 | 5.9 | 0.0 | | 48.0 | 75 | 0 | 8 | 344 | 123 | 23.8 |
| PEACE RIVER | 13.6 | -0.1 | 26.2 | 3.1 | 0.0 | | 136.7 | 229 | 0 | 10 | X | | 122.9 |
| RED DEER | 15.4 | 1.8 | 29.2 | 3.1 | 0.0 | | 119.6 | 142 | 0 | 8 | X | | 84.1 |
| ROCKY MTN HOUSE | 14.3 | 1.5 | 27.8 | 1.3 | 0.0 | | 79.6 | 76 | 0 | 11 | X | | 117.8 |
| SLAVE LAKE | 14.2 | 0.9 | 26.5 | 2.7 | 0.0 | | 175.2 | 212 | 0 | 16 | 238 | 86 | 115.7 |
| SUFFIELD | 20.2 | 4.2 | 34.0 | 6.7 | 0.0 | | 64.0 | 97 | 0 | 8 | 335 | 117 | 26.4 |
| WHITECOURT | 14.5 | 1.8 | 25.9 | 2.3 | 0.0 | | 141.6 | 154 | 0 | 16 | X | | 110.0 |
| SASKATCHEWAN | | | | | | | | | | | | | |
| BROADVIEW | 20.4 | 5.5 | 36.3 | 5.8 | 0.0 | | 42.0 | 65 | 0 | 6 | 316 | 107 | 19.5 |
| COLLINS BAY | 13.1 | 2.6 | 26.4 | 0.3 | 0.0 | | 78.2 | 138 | 0 | 11 | 227 | * | 155.9 |
| CREE LAKE | 14.7 | 1.9 | 28.1 | 4.5 | 0.0 | | 135.7 | 267 | 0 | 11 | 236 | 88 | 101.3 |
| ESTEVAN | 23.6 | 7.1 | 39.1 | 7.8 | 0.0 | | 59.2 | 76 | 0 | 4 | 344 | 113 | 7.9 |
| HUDSON BAY | | | | | | | | | | | | | |
| KINDERSLEY | 20.6 | 4.9 | 38.3 | 4.3 | 0.0 | | 66.2 | 115 | 0 | 7 | X | | 25.7 |
| LA RONGE | 17.8 | 3.8 | 29.0 | 6.5 | 0.0 | | 21.2 | 25 | 0 | 6 | X | | 37.9 |
| MEADOW LAKE | 16.8 | 1.9 | 31.6 | 1.8 | 0.0 | | 67.0 | 90 | 0 | 10 | 270 | * | 56.5 |
| MOOSE JAW | 22.7 | 6.1 | 41.2 | 7.4 | 0.0 | | 46.2 | 69 | 0 | 4 | 353 | 123 | 11.7 |
| NIPAWIN | 19.9 | * | 38.2 | 5.6 | 0.0 | * | 15.4 | * | 0 | 4 | 313 | * | 20.0 |
| NORTH BATTLEFORD | 19.5 | 4.1 | 37.8 | 5.3 | 0.0 | | 94.4 | 156 | 0 | 7 | X | | 26.1 |
| PRINCE ALBERT | 19.3 | 4.7 | 38.8 | 2.5 | 0.0 | | 24.1 | 34 | 0 | 7 | 325 | 124 | 33.0 |
| REGINA | 22.6 | 6.7 | 40.6 | 6.3 | 0.0 | | 44.4 | 55 | 0 | 6 | 335 | 118 | 10.9 |
| SASKATOON | 21.2 | 5.5 | 40.6 | 4.5 | 0.0 | | 23.4 | 39 | 0 | 4 | X | | 18.5 |
| SWIFT CURRENT | 20.8 | 5.7 | 38.0 | 6.8 | 0.0 | | 72.1 | 95 | 0 | 5 | 362 | 128 | 27.2 |
| URANIUM CITY | | | | | | | | | | | | | |
| WYNYARD | 20.8 | 5.6 | 38.5 | 4.9 | 0.0 | | 17.4 | 23 | 0 | 4 | X | | 15.8 |
| YORKTON | 20.5 | 5.0 | 37.0 | 8.0 | 0.0 | | 38.8 | 54 | 0 | 4 | 293 | 101 | 15.0 |
| MANITOBA | | | | | | | | | | | | | |
| BRANDON | 21.3 | 5.2 | 37.0 | 8.2 | 0.0 | | 39.0 | 50 | 0 | 4 | X | | 12.9 |
| CHURCHILL | 7.1 | 0.9 | 27.3 | -2.6 | 0.0 | | 18.3 | 42 | 0 | 4 | 276 | 118 | 306.1 |
| DAUPHIN | 20.6 | 4.8 | 36.8 | 8.7 | 0.0 | | 28.3 | 32 | 0 | 6 | 303 | 111 | 14.3 |
| GILLAM | 13.4 | 3.1 | 28.4 | -0.6 | 0.0 | | 41.9 | 136 | 0 | 7 | X | | 145.1 |
| GIMLI | 20.5 | 4.7 | 36.7 | 5.5 | 0.0 | | 51.0 | 95 | 0 | 6 | 354 | 120 | 16.2 |
| ISLAND LAKE | 16.9 | 3.7 | 34.2 | 5.4 | 0.0 | | 55.8 | 119 | 0 | 7 | X | | 64.1 |
| LYNN LAKE | 14.9 | 2.8 | 28.6 | 1.1 | 0.0 | | 83.8 | 138 | 0 | 10 | 262 | 99 | 106.9 |
| NORWAY HOUSE | 17.9 | * | 33.4 | 8.0 | 0.0 | * | 71.8 | * | 0 | 7 | X | * | 43.9 |
| PILOT MOUND | | | | | | | | | | | | | |
| PORTAGE LA PRAIRIE | 22.3 | 5.3 | 37.3 | 6.9 | 0.0 | | 27.2 | 35 | 0 | 5 | X | | 6.4 |

| 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 | | | | | | | | | |
| THE PAS | 19.1 | 4.7 | 35.5 | 9.3 | 0.0 | | 19.7 | 31 | 0 | 2 | 311 | 113 | 29.6 |
| THOMPSON | 15.5 | 3.3 | 34.1 | 2.1 | 0.0 | | 65.4 | 113 | 0 | 10 | 284 | 107 | 94.9 |
| WINNIPEG INT'L | 22.0 | 5.2 | 37.2 | 6.2 | 0.0 | | 94.9 | 118 | 0 | 8 | 362 | 131 | 11.6 |
| ONTARIO | | | | | | | | | | | | | |
| ATIKOKAN | 16.9 | 2.4 | 32.3 | 0.9 | 0.0 | | 95.8 | 101 | 0 | 10 | 296 | 123 | 65.0 |
| BIG TROUT LAKE | 14.2 | 2.2 | 30.3 | 1.9 | 0.0 | | 34.8 | 52 | 0 | 9 | 262 | * | 121.2 |
| EARLTON | 14.6 | -0.6 | 33.4 | -0.6 | 0.0 | | 60.3 | 67 | 0 | 9 | X | | 135.9 |
| GERALDTON | 14.6 | 1.1 | 32.1 | 0.0 | 0.0 | | 124.8 | 135 | 0 | 13 | X | | 127.6 |
| GORE BAY | 16.4 | 0.8 | 31.0 | 2.9 | 0.0 | | 26.3 | 45 | 0 | 6 | X | | 81.2 |
| HAMILTON RBG | 19.6 | 0.9 | 36.5 | 7.3 | 0.0 | | 8.4 | 12 | 0 | 4 | 341 | * | 52.8 |
| HAMILTON | 18.1 | 0.1 | 35.0 | 5.5 | 0.0 | | 7.6 | 11 | 0 | 3 | X | | 160.0 |
| KAPUSKASING | 13.0 | -1.1 | 32.2 | -0.8 | 0.0 | | 82.0 | 96 | 0 | 9 | X | | 16.5 |
| KENORA | 21.1 | 5.0 | 34.0 | 9.9 | 0.0 | | 68.9 | 82 | 0 | 8 | X | | 79.0 |
| KINGSTON | 16.3 | -0.4 | 30.4 | 3.4 | 0.0 | | 35.0 | 54 | 0 | 9 | 247 | 102 | 107.3 |
| LANSDOWNE HOUSE | 15.1 | 1.6 | 28.9 | 2.9 | 0.0 | | 52.4 | 64 | 0 | 12 | X | | 57.9 |
| LONDON | 18.1 | 0.2 | 38.2 | 5.2 | 0.0 | | 9.6 | 13 | 0 | 3 | 327 | 134 | 249.2 |
| MOOSONEE | 9.8 | -2.1 | 32.3 | -2.1 | 0.2 | 25 | 43.3 | 55 | 0 | 11 | 194 | 88 | 152.5 |
| MUSKOKA | 15.2 | -0.7 | 31.6 | 0.0 | 0.0 | | 85.0 | 79 | 0 | 6 | X | | 124.1 |
| NORTH BAY | 14.9 | -0.8 | 31.2 | 0.7 | 0.0 | | 63.6 | 74 | 0 | 6 | 286 | 114 | 70.1 |
| OTTAWA INT'L | 17.6 | -0.4 | 35.0 | 5.2 | 0.0 | | 94.0 | 128 | 0 | 5 | 283 | * | 108.5 |
| PETAWAWA | 15.7 | -0.6 | 36.4 | 1.1 | 0.0 | | 63.6 | 72 | 0 | 6 | X | | 96.1 |
| PETERBOROUGH | 17.0 | 0.2 | 34.4 | 0.3 | 0.0 | | 41.2 | 68 | 0 | 6 | X | | 43.8 |
| PICKLE LAKE | 16.5 | 2.6 | 34.0 | 3.1 | 0.0 | | 119.4 | 136 | 0 | 13 | X | | 42.6 |
| RED LAKE | 19.1 | 3.8 | 34.5 | 3.4 | 0.0 | | 78.2 | 93 | 0 | 10 | 298 | * | 57.2 |
| ST. CATHARINES | 18.3 | -0.7 | 34.6 | 6.3 | 0.0 | | 18.6 | 27 | 0 | 3 | X | | 55.5 |
| SARNIA | 18.6 | 0.5 | 39.1 | 7.0 | 0.0 | | 20.8 | 30 | 0 | 3 | 352 | 129 | 99.0 |
| SAULT STE. MARIE | 15.2 | 0.6 | 32.8 | 1.8 | 0.0 | | 10.2 | 13 | 0 | 3 | 327 | 127 | 44.9 |
| SIOUX LOOKOUT | 18.8 | 3.6 | 33.6 | 5.8 | 0.0 | | 104.3 | 113 | 0 | 8 | X | | 101.5 |
| SUDBURY | 15.7 | -0.3 | 32.4 | 2.0 | 0.0 | | 37.1 | 44 | 0 | 4 | 286 | 116 | 87.7 |
| THUNDER BAY | 16.0 | 2.0 | 34.8 | 2.3 | 0.0 | | 32.1 | 41 | 0 | 7 | 303 | | 143.8 |
| TIMMINS | 13.8 | -0.8 | 31.5 | -0.3 | 0.0 | | 62.5 | 69 | 0 | 8 | X | | 35.9 |
| TORONTO | 19.7 | 0.6 | 35.3 | 7.9 | 0.0 | | 16.6 | 25 | 0 | 5 | | | 69.5 |
| TORONTO INT'L | 17.7 | 0.0 | 36.0 | 3.3 | 0.0 | | 25.0 | 37 | 0 | 5 | X | | 37.2 |
| TORONTO ISLAND | 18.6 | 1.5 | 34.5 | 8.7 | 0.0 | | 13.9 | 20 | 0 | 4 | | | 70.0 |
| TRENTON | 17.1 | -0.7 | 32.1 | 3.0 | 0.0 | | 50.4 | 79 | 0 | 6 | X | | 81.4 |
| WATERLOO-WELL | 16.9 | -0.6 | 36.1 | 3.0 | 0.0 | | 8.8 | 11 | 0 | 2 | X | | 333.3 |
| WAWA | 11.7 | * | 28.0 | -0.1 | 0.0 | * | 90.2 | * | 0 | 8 | | | 110.2 |
| WIARTON | 15.2 | -0.4 | 31.0 | 1.0 | 0.0 | | 66.7 | 99 | 0 | 4 | 334 | 115 | 27.4 |
| WINDSOR | 21.1 | 1.4 | 40.2 | 6.5 | 0.0 | | 27.2 | 30 | 0 | 3 | X | | |

JUNE 1988

| 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 | | | | | | | | | |
| QUEBEC | | | | | | | | | | | | | |
| BAGOTVILLE | 14.1 | -1.4 | 34.8 | -1.1 | 0.0 | 400 | 93.4 | 103 | 0 | 10 | X | | 135.2 |
| BAIE COMEAU | 11.4 | -1.3 | 24.4 | 1.6 | 0.0 | | 111.4 | 131 | 0 | 10 | 184 | * | 197.7 |
| BLANC SABLON | 7.3 | 0.3 | 13.8 | 1.0 | 0.4 | | 113.8 | 121 | 0 | 15 | 113 | * | |
| CHIBOUGAMAU | 11.5 | -2.2 | 30.2 | 0.8 | 0.4 | | 90.2 | 83 | 0 | 14 | 227 | 97 | 198.6 |
| GASPE | 11.3 | -2.3 | 29.9 | -1.2 | 0.0 | | 90.0 | 153 | 0 | 11 | 160 | * | 201.8 |
| INUKJUAQ | 4.9 | 0.5 | 20.4 | -2.4 | 1.6 | 43 | 13.0 | 37 | 0 | 4 | 250 | 129 | 392.9 |
| KUUJJUAQ | 4.9 | -2.0 | 18.7 | -1.8 | 6.6 | 183 | 27.0 | 53 | 0 | 8 | 139 | 77 | 389.9 |
| KUUJJUARAPIK | 5.8 | -0.7 | 24.0 | -1.4 | 3.3 | 68 | 30.7 | 54 | 0 | 5 | 241 | 128 | 366.9 |
| LA GRANDE RIVIERE | 9.5 | * | 26.0 | -2.4 | 3.6 | * | 43.4 | * | 0 | 6 | 290 | * | 255.7 |
| MANIWAKI | 14.7 | -1.2 | 33.0 | 1.4 | 0.0 | | 59.5 | 66 | 0 | 7 | 264 | 106 | 129.9 |
| MATAGAMI | 10.1 | -3.1 | 29.2 | -3.4 | | | 121.6 | 126 | 0 | 17 | 225 | 94 | 237.6 |
| MONT JOLI | 13.3 | -1.0 | 29.2 | 0.3 | 0.0 | | 126.4 | 201 | 0 | 12 | 180 | 74 | 152.1 |
| MONTREAL INT'L | 17.2 | -1.1 | 33.4 | 4.6 | 0.0 | | 72.0 | 87 | 0 | 5 | 257 | 103 | 74.3 |
| MONTREAL M INT'L | 15.8 | * | 33.4 | 0.6 | 0.0 | * | 87.6 | * | 0 | 6 | * | * | 101.4 |
| NATASHQUAN | 9.9 | -0.6 | 18.8 | 3.3 | 0.0 | | 93.4 | 104 | 0 | 11 | 202 | 88 | 235.2 |
| QUEBEC | 16.0 | -0.4 | 33.9 | 3.0 | 0.0 | | 65.2 | 59 | 0 | 9 | 239 | 106 | 97.7 |
| ROBERVAL | 14.2 | -1.3 | 32.8 | 2.9 | 0.0 | | 98.7 | 121 | 0 | 12 | 200 | * | 133.2 |
| SCHEFFERVILLE | 7.1 | -1.5 | 22.0 | -4.6 | 12.6 | 177 | 34.4 | 46 | 0 | 8 | 167 | * | 328.7 |
| SEPT-ILES | 10.6 | -1.1 | 24.9 | 2.5 | 0.0 | | 95.7 | 106 | 0 | 13 | 167 | 71 | 220.5 |
| SHERBROOKE | 14.4 | -1.1 | 32.6 | 1.5 | 0.0 | | 74.5 | 75 | 0 | 8 | 260 | * | 129.1 |
| STE AGATHE DES MONTS | 14.5 | -0.5 | 31.7 | -1.0 | 0.0 | | 100.0 | 99 | 0 | 8 | 256 | 107 | 132.2 |
| ST-HUBERT | 17.2 | -1.0 | 34.7 | 1.9 | 0.0 | | 62.4 | 72 | 0 | 5 | * | * | 77.7 |
| VAL D'OR | 13.0 | -1.6 | 30.1 | -1.3 | | | 99.0 | 105 | 0 | 12 | 241 | 99 | 167.6 |
| NEW BRUNSWICK | | | | | | | | | | | | | |
| CHARLO | 12.7 | -1.6 | 31.0 | 2.7 | 0.0 | | 89.0 | 106 | 0 | 9 | 175 | 74 | 168.6 |
| CHATHAM | 14.1 | -1.6 | 33.2 | 2.7 | 0.0 | | 81.2 | 99 | 0 | 12 | 202 | 88 | 144.0 |
| FREDERICTON | 15.1 | -1.1 | 33.9 | -0.1 | 0.0 | | 48.9 | 57 | 0 | 7 | * | * | 114.2 |
| MONCTON | 13.4 | -1.6 | 32.4 | 0.8 | 0.0 | | 72.9 | 81 | 0 | 11 | 188 | 83 | 153.0 |
| SAINT JOHN | 13.1 | -0.7 | 28.3 | 0.7 | 0.0 | | 74.9 | 79 | 0 | 13 | 214 | 105 | 152.6 |

| 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 | | | | | | | | | |
| NOVA SCOTIA | | | | | | | | | | | | | |
| GREENWOOD | 14.7 | -1.2 | 33.7 | 2.3 | 0.0 | | 73.6 | 102 | 0 | 11 | X | | 123.1 |
| HALIFAX INT'L | 13.4 | -1.4 | 32.3 | 3.2 | 0.0 | | 87.9 | 98 | 0 | 13 | 0 | | 147.7 |
| SABLE ISLAND | 11.1 | 0.1 | 17.6 | 4.5 | 0.0 | | 142.6 | 152 | 0 | 14 | 145 | 88 | 206.6 |
| SHEARWATER | 12.7 | -1.2 | 26.9 | 4.3 | 0.0 | | 138.2 | 164 | 0 | 12 | 206 | 93 | 160.1 |
| SYDNEY | 12.4 | -0.8 | 32.7 | 2.6 | | | 100.1 | 121 | 0 | 13 | 161 | 71 | 173.4 |
| YARMOUTH | 12.8 | -0.6 | 24.6 | 3.9 | 0.0 | | 114.0 | 140 | 0 | 10 | 229 | 108 | 156.0 |
| PRINCE EDWARD ISLAND | | | | | | | | | | | | | |
| CHARLOTTETOWN | 12.6 | -1.9 | 30.7 | 2.0 | 0.0 | | 95.4 | 119 | 0 | 16 | X | | 171.9 |
| SUMMERSIDE | 13.3 | -1.6 | 28.8 | 2.9 | 0.0 | | 46.2 | 62 | 0 | 13 | 173 | 71 | 151.5 |
| NEWFOUNDLAND | | | | | | | | | | | | | |
| BATTLE HARBOUR | 8.3 | 1.7 | 24.5 | -1.0 | 1.0 | 111 | 154.8 | 191 | 0 | 17 | X | | 291.8 |
| BONAVISTA | 10.1 | 0.5 | 24.9 | 0.1 | 8.2 | 683 | 185.2 | 289 | 0 | 16 | X | | 239.3 |
| BURGO | 8.9 | -0.7 | 15.6 | 2.4 | 0.0 | | 248.3 | 182 | 0 | 15 | * | | 275.4 |
| CARTWRIGHT | 6.9 | -1.5 | 24.4 | -0.1 | 4.6 | 184 | 183.7 | 235 | 0 | 19 | 99 | 55 | 334.7 |
| CHURCHILL FALLS | 8.0 | -1.8 | 24.8 | -1.7 | 29.4 | 588 | 70.9 | 72 | 0 | 9 | 172 | 91 | 299.9 |
| COMFORT COVE | 10.9 | -0.8 | 32.0 | -0.4 | 13.6 | 715 | 145.1 | 182 | 0 | 15 | X | | 216.5 |
| DANIEL'S HARBOUR | 10.9 | 1.1 | 22.6 | 2.4 | 0.0 | | 107.3 | 124 | 0 | 14 | 144 | 75 | 208.3 |
| DEER LAKE | 11.2 | -0.5 | 32.2 | -0.2 | 0.0 | | 108.0 | 152 | 0 | 12 | X | | 206.4 |
| GANDER INT'L | 10.9 | -0.9 | 30.3 | -0.3 | 22.2 | 792 | 165.0 | 205 | 0 | 14 | 142 | 77 | 217.9 |
| GOOSE | 9.2 | -2.1 | 27.2 | 0.3 | 3.0 | 81 | 126.0 | 135 | 0 | 14 | 138 | 73 | 264.0 |
| PORT-AUX-BASQUES | 8.6 | -0.4 | 17.2 | 2.2 | 0.0 | | 131.1 | 127 | 0 | 16 | 145 | * | 271.9 |
| ST ANTHONY | 6.6 | -1.5 | 24.0 | -0.6 | 11.7 | * | 126.0 | 126 | 0 | 18 | * | * | 324.7 |
| ST JOHN'S | 11.7 | 0.8 | 27.6 | 0.9 | 0.6 | 30 | 177.5 | 207 | 0 | 14 | 182 | 97 | 197.7 |
| ST LAWRENCE | 9.7 | 1.4 | 20.8 | 2.1 | 0.0 | * | 341.3 | 311 | 0 | 15 | * | * | 249.7 |
| STEPHENVILLE | 10.9 | -1.0 | 22.6 | 2.4 | 0.0 | | 107.3 | 124 | 0 | 14 | 144 | * | 208.3 |
| WABUSH LAKE | 8.3 | -1.6 | 23.7 | -1.4 | 4.2 | * | 47.8 | 53 | 0 | 11 | 195 | * | 311.3 |

JUNE 1988

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