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Field Crop Reporting Series - No. 6

#### TELEGRAPHIC CROP REPORT - CANADA

This is the second of the 1976 series of six telegraphic reports, issued by Statistics Canada, covering crop conditions throughout Canada. Included in this report is the third of a series of eleven telegraphic reports on crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from the Federal and Provincial Departments of Agriculture, private crop observers and grain men supply the information on which these reports are based. The weather data included in this release are furnished by the Atmospheric Environment Service, Department of the Environment.

#### SUMMARY

Maritime Provinces. — Weather conditions throughout the Maritimes have been varied but field work and crop conditions are generally normal for this time of year. In Prince Edward Island 65 per cent of the potato and 75 per cent of the cereal crops has been seeded. In Nova Scotia the early apple varieties are in full bloom but poor pollination is reported. In New Brunswick apple trees are approaching full bloom with little winterkill evident. The blueberry crop appears promising.

Quebec. - In eastern and northern districts of Quebec, seeding has been delayed by wet weather. Pastures and haylands generally look promising, although some winter damage has occurred to legumes.

Agriculture Division Crops Section

5-3102-508

Ontario. - May was characterized by below normal temperatures throughout the province. All areas with the exception of northern Ontario received above average amounts of rainfall. Due to these conditions planting was hindered, especially on heavier soils. In particular corn planting is well behind schedule. Winter wheat and previously seeded spring grains are in good condition in most areas. Some reseeding of early-sown grain and corn has been necessary in low lying areas. Hay and pasture growth has been slow. Drier weather last week permitted the continuation of field work in some areas.

<u>Prairie Provinces.</u> — Seeding is almost completed with crops emerging. The weather has been dry and warm and general rains are needed. Precipitation early this week in Saskatchewan was helpful. Spraying for weed control is general. Considerable problems with flea beetles on rapeseed are reported. Pastures and haylands are in fair condition.

#### RUST REPORT

It is still too early to predict the course of rust development in western Canada in 1976. Infections are light in the United States but there is still time for heavy rust development if weather conditions are suitable. Present wheat varieties in western Canada are all resistant to stem rust but most of the acreage is planted to varieties that are moderately susceptible to leaf rust. Most of the oat acreage is planted to varieties that are susceptible to stem rust and crown rust.

Precipitation and Temperature Data, Prairie Provinces(1)

	Unweighted Average Precipitation  Per cent variation from normal(		
	Man.	Sask.	Alta.
To the second of the second se	1. 1.		Savallania
April 1, 1976 - May 17, 1976	- 35	- 40	- 31
April 1, 1976 - May 24, 1976	- 45	- 44	- 28
April 1, 1976 - May 31, 1976		- 32	
April 1, 1975 - June 2, 1975		+ 59	
action of the state of the stat	°C. vari	ation from nor	mal(2)
	Man.	Sask.	Alta.
For the week ending May 17, 1976	+ 0.2	+ 1.6	+ 1.1
For the week ending May 24, 1976	+ 0.9	+ 1.2	- 0.4
For the week ending May 31, 1976	+ 2.4	+ 2.2	- 0.2
For the week ending June 2, 1975	- 2.5	- 2.7	- 1.2

<sup>(1)</sup> Source: Atmospheric Environment Service.

<sup>(2)</sup> Positive sign indicates above normal and negative sign indicates below normal.

British Columbia. — Spring planting conditions have been generally good across the province, although excess moisture and cool weather are delaying progress near the coast. Seeding is nearing completion in the Peace River Block and moisture conditions are much improved. In the Interior, forage and range conditions are good, although some alfalfa winter injury is evident. The fruit bloom is complete and the set appears heavy. Berries are nearing the end of the bloom and early yield indications are above average.

### MARITIME PROVINCES

In Prince Edward Island seeding of potatoes is 65 per cent completed. Early-seeded potatoes are up and the outlook remains strong. Seeding of cereals is 75 per cent completed. Early-seeded crops and winter cereals are growing well. Pasture conditions are good. Moisture supplies are adequate but warm weather is needed. The Experimental Farm at Charlottetown reports that early potato plantings are emerging with 75 per cent of the total crop planted. Grain seeding is well advanced with early planted crops emerging. Strawberries are in bloom and prospects are good. Seeding of canning and freezing peas is proceeding on schedule. Tobacco planting is now in progress. Moisture supplies are generally adequate but additional rainfall would benefit all crops.

In Nova Scotia cold, wet weather the past week halted seeding operations. Early-seeded grain crops are looking good. The bulk of the potato crop has been planted. Strawberries are in bloom and plants are generally healthy. Early varieties of apples are in full bloom. Warm weather is needed for normal crop development. The experimental farm at Amherst reports that the weather has been good. The grass is growing very well and pastures are very good for this time of year. About half the seeding is completed. In the area around Truro seeding of cereal crops is about 50 per cent completed. Very little seeding has been carried out over the past ten to twelve days due to cool, damp weather. Corn is about 40 per cent seeded and grass growth has been good. Pastures are above average and the hay crop is promising. Strawberries and blueberries are in full bloom with winterkill only moderate. Near Kentville poor pollination of early blooming apple variety is indicated as temperatures were too low for good bee activity. The wet spring has favoured development of apple scab fungus making spraying conditions difficult. The winter moth is the most troublesome apple pest to date showing some resistance to pesticides.

In New Brunswick the apple trees are approaching full bloom with very little winter injury in evidence. New tree plantings have been completed. Early blueberry bloom is now appearing and prospects are for a good crop. The strawberry bloom began the last week of May but frost damage was reported in a few areas. New strawberry plantings are completed. Seeding of vegetables has been delayed by wet weather but planting resumed during the last week of May. Grain seeding is about 60 per cent completed but planting was held up during the last ten days due to rain. Ensilage corn is presently being seeded. Exceptionally good hay crops are making rapid growth. In the area around Fredericton seeding has been considerably delayed by heavy rain. Orchards are very well advanced and pastures are excellent. At Perth planting has progressed to the halfway mark due to excellent seeding weather last week. Early potatoes are emerging and early grain is up two to three inches. Grass is making good growth but some winterkill is reported. Strawberries are coming into bloom and a favourable crop is expected.

#### QUEBEC

In La Pocatière district haylands and pastures are in very good condition except in areas where there had been an accumulation of ice on the surface of the ground during the winter. In such cases legumes have suffered significant damage, particularly on heavy soils. Farmers are commencing seeding operations.

Precipitation in May, which totalled 11.5 centimetres in the Lake St. John district, has hampered seeding operations. Only the last six days of May were without rain. Nevertheless, 90 per cent of the potatoes and about 40 per cent of the grains have been planted. During the last ten days pastures have shown good growth and several dairy herds are out on pasture.

#### ONTARIO

Planting of grain corn is completed: however, some silage corn is still to be planted in Essex County of southern Ontario. About 60 per cent of the soybeans is planted. Rain on May 31 will delay the completion of seeding. All crops are making slow growth due to cool temperatures. Corn growth has been slow in Kent County and planting in some areas has been delayed due to the adverse weather conditions. Soybean planting is well under way and spring grains, winter wheat, forage crops and peas are all progressing favourably. In Middlesex County most of the corn crop is in the ground and soybean seeding should be completed this week. Cool, wet weather has delayed planting of corn in most areas of Norfolk County. Early-seeded spring grains look good. Fall rye is headed out and sunny skies last week improved the wheat crop. Tobacco transplanting is nearly completed. Hay growth has been less than normal and it is expected that haying will not be general until mid-June.

In Simcoe County of western Ontario corn planting is about 85 per cent completed. However, emergence has been slow due to cool weather. Spring grain seeding is completed and emergence has been fair to good with many fields in the three to four leaf stage. Hay growth has been slow but has been responding to the recent warm weather. The winter wheat crop is in very good condition with minimal winterkill. Recent favourable weather has enabled Waterloo County farmers to complete a large percentage of their corn planting. All crops would benefit from several days of warm weather. Rain on the last two days of May has been beneficial especially on lighter soils. To date, little alfalfa weevil damage has been reported. In Wellington County generally good weather for the past ten days has helped farmers in seeding corn and spring grains and at least 80 per cent of the crop has been seeded. Rain on May 31 will help in promoting germination and general growth but will delay the remainder of the seeding. Rainfall for May was about normal but cloudy, cool weather slowed down field work operations. Cool, wet weather was also experienced in Halton County which delayed the seeding of spring grains. However, warmer weather last week enabled most farmers to complete the majority of their seeding. About 90 per cent of the spring grains and 80 per cent of the corn has been seeded. There has been some recent alfalfa weevil damage. Planting of vegetables is behind schedule. Hay and pastures are in good condition.

In Durham County of central Ontario most crops are considerably behind normal. Early-planted corn is spotty and has been slow in germination. Growth of spring grains is also well behind schedule. The seeding of processing peas, soybeans and beans has been late. New meadows are in fair to average condition and established meadows appear good, although a bit late. In Peterborough County spring grains were generally seeded 10 to 14 days ahead of normal in late April and early May. Corn planting was late due to the cold and wet conditions in mid-May. Growth of hay and wheat is ahead of normal but behind last year.

In Leeds County of eastern Ontario cool, wet conditions were experienced for most of the latter part of May. An emergence control program for quack grass will be needed. Recent improvement in weather allowed some cereals and corn to be planted. Some early-sown cereals are growing well while others on low fields will have to be replanted. A few fields are inaccessible. In Carleton County seeding resumed over the weekend as the land became drier. Early-sown grain is well germinated and in good condition. Some corn sown on clay soils is not germinating and has already been reseeded. Renfrew County reports that hot, sunny weather for the past four days put corn and spring grain planting in full swing after it was delayed for two to three weeks because of wet weather. Hay and pastures are growing extremely well. There was considerable alfalfa winterkill this spring in old stands. Newly-seeded crops appear to be in good condition. Forage crops are behind normal.

In northern Ontario at Kapuskasing cloudy, cold and wet weather delayed spring planting up until about May 25. Since then the weather has been warmer and this has permitted operators to complete their seeding of cereals and potatoes. Earlysown cereals are in the second to third leaf stage of growth. Pastures are in good condition and during the past week hay fields have improved. In the Thunder Bay area seeding of spring grains and potatoes is completed. However, growth has been very slow due to extremely dry conditions.

#### MANITOBA

Seeding is almost completed. Parts of the Souris Valley are still flooded, however. Early-seeded crops have emerged and are developing well, while some rape-seed fields have been reseeded because of heavy flea beetle infestations. Late-seeded crops, on the other hand, are germinating unevenly. Topsoil is very dry in many areas, with rain needed. Fall rye is heading while forage growth is slow due to dry conditions.

Weather conditions have been very dry and warm at Vita with rain needed. Insect infestations are reported in wheat, sugar beets and rapeseed fields. Spraying of shelter belts and trees is also being undertaken to control forest tent caterpillars.

At Melita in the southwest of the province farmers have not completed seeding as the majority of the Souris Valley bottom land is still flooded and will not be seeded this season. Elsewhere in the district on higher lands, conditions are dry. A little rain on May 26 helped pastures somewhat. Tame hay crops, however, are looking well but slough hay is under water in certain locations. Some problems with forest tent caterpillars and flea beetles are reported.

Reports from Beausejour indicate that moisture conditions are very poor with rain urgently needed. Weed growth is slow but farmers are spraying and cultivating to achieve control. An estimated 95 per cent of the crop is seeded in the northern part of the district and almost all of the land has been seeded in the southern part. Pasture growth is very slow and moisture is needed. At Selkirk practically all of the cereals and vegetable crops have been planted with many fields well advanced. Farmers are undertaking post-emergence wild oat control. Some fields, however, will have to be reseeded due to poor germination resulting from a lack of moisture. Pastures are in poor condition and need rain. The hay crop is surviving the dry period fairly well but rain will be needed very soon, otherwise, the first

crops of alfalfa will be very light. Flea beetles are again proving to be a problem in rapeseed and spraying will start this week. Forest tent caterpillar spraying is continuing.

Farmers in the Stonewall district have finished seeding with many barley and wheat crops emerged. Most fields indicate relatively good control of wild oats and some post-emergent herbicides are now being applied. The moisture situation is rapidly deteriorating because of the hot, dry weather; hay crops in particular are in poor condition. Rain is desperately needed at Portage la Prairie. Although fields are very dry with some soil drifting reported, germination has been satisfactory. Fall rye is headed. Pastures are drying and deteriorating with hay growth stationary. Weed problems are under control but spraying is difficult due to windy conditions.

Farmers in the Brandon area have completed seeding and good emergence is reported. Pastures are fair to good. Flea beetles are active on rapeseed. Rain is needed as there has been no effective rain for six weeks.

In the Interlake district at Teulon seeding operations are nearly completed. Farmers are spraying early-sown fields for broad-leaf weeds. Wild oats are becoming serious where no control measures were taken. Grains, pastures and hay fields require moisture soon. Forest tent caterpillars are extensive throughout the district. At Arborg hot, drying weather prevailed over the past week. Seeding is now about 80 per cent completed with germination spotty because of a lack of moisture in the top few inches of soil. For the same reason pre-emergence herbicides are not working very well. Pastures are generally poor and need rain.

In west-central Manitoba at Neepawa 95 per cent of the seeding has been done. Later-sown crops are germinating slowly because of dry surface conditions. Spraying is under way for wild oats. Rain is needed for pasture growth and crop germination. At Minnedosa dry conditions still prevail. Rain is needed although sub-soil moisture is good. Early-seeded crops are emerging well but the dry soil will affect later crops. Wild oat spraying has begun and flea beetles are appearing in rapeseed fields and will require control measures. Forest tent caterpillars are attacking farm shelter belts. Hay and pastures are growing but require rain.

At Russell over 90 per cent of the crops have been seeded and there is adequate moisture for germination. However the top four inches of soil are very dry as only one-half of the normal rainfall has been received. Weed growth is good but wind has hampered spraying. The lack of moisture is reducing the effectiveness of some herbicides. There seems to be an unusually high number of flea beetles in crops. Pastures are being grazed but growth is poor and alfalfa hay is also poor.

In the Dauphin district 90 per cent of the crops have been seeded with good germination reported. Farmers are spraying heavy wild oat and other weed growth. A large population of flea beetles is reported on rapeseed. Sub-soil moisture supplies are good but the topsoil is dry and a good general rain is needed for hay, pastures and late-seeded crops. At Swan River 95 per cent of the seeding has been completed and no further seeding will be undertaken unless general rains are received soon. Some reseeding of rapeseed fields has been necessary because of flea beetle damage. Fall rye is good and is heading. Hay crops are only fair. Scattered showers occurred on May 31, with 6 millimetres of moisture received.

#### SASKATCHEWAN

Seeding is virtually completed throughout the province. Rains during the past week have greatly improved growing conditions, however, more precipitation is needed particularly in the western part of the province. Most of the crop has emerged and is growing well. Flea beetles are causing much damage in rapeseed with some fields having to be reseeded. Hay and pastures are only fair.

At Fillmore in the southeast seeding is completed. The crop is emerging well but some early-seeded fields have a heavy infestation of wild oats. Considerable spraying was done for wild oats and green foxtail. Rain this past week has improved growing conditions, hay and pasture in particular. Summerfallow is now being worked. In the Indian Head district seeding operations are completed. Rainfall of over 2.5 cm last week and approximately two cm this week have provided excellent growing conditions. Germination has been excellent. Weeds, particularly stinkweed are making rapid growth in fallow fields. Hay and pasture crops continue to make good growth.

Seeding is completed at Shaunavon in the southwest part of the province. Topsoil moisture ranges from fair to poor but sub-soil moisture is good. Germination has been variable with little or no germination in the very dry area. Pastures and tame hay are poor. Fall rye has headed at about 14 inches and needs moisture urgently. There has been some precipitation since May 28 but it has been variable and spotty. Further rainfall is required in this district. At Swift Current the dry conditions have caused poor germination in many fields. Soil drifting is reported in certain areas and pastures are poor.

In the east-central area at Melville seeding is about 95 per cent completed. Early-seeded crops are growing rapidly with the warm weather and rainfall received last week. Some early-seeded crops are being sprayed for wild oats.

At Drake in the central area seeding is now completed except for sloughs, many of which are being seeded this year. Moisture conditions are sufficient for germination. There is a heavy infestation of flea beetles in rapeseed and spraying and reseeding operations are in progress. Fall rye is heading. Hay and pastures are only fair but light showers this week have brought temporary relief. In the Saskatoon district cereal crops have emerged and are growing well. Some stands of rapeseed are patchy due to uneven germination but recent showers, totalling over 20 mm, will help. Flea beetles are abundant and are causing severe damage in many rapeseed fields in the central and northern districts of the province. Several fields have been destroyed and are being reseeded while others are being sprayed with insecticides. The grasshopper hatch has been general in the central and southern regions and control measures are in progress.

Our correspondent at Rosetown in the west-central area, reports that seeding is now completed with the early-seeded crops about 5 inches in height. Grasshoppers are hatching with some farmers spraying for control. The wild oat kill has been poor on many fields because of the dry conditions. This area has only had 0.8 cm of rain since May 1 and it has been very windy. Pasture and hayland are poor and need precipitation. At Scott about 1.4 cm of rainfall this past two weeks have been of some benefit to grain and oilseed crops which are emerging well. However, it has not helped forage crops and pastures which are now in poor condition. Flea beetles have been reported in rapeseed fields and some spraying for control has been done.

In the northeast at Melfort seeding is completed but rain is needed to get the crop growing. Flea beetles have caused much damage in many early rapeseed fields with many having to be reseeded. Spraying is under way. There was considerable injury to fall wheat and much of this area was reseeded to other crops.

The Saskatchewan Municipal Hail Insurance Association reports no hail storms for the month of May.

#### ALBERTA

Seeding operations are nearing completion throughout Alberta. Moisture conditions in most areas of the province are only fair and a general rainfall is needed. There has been no significant hail activity reported to date. Pasture conditions vary from poor to good over the province.

In the Medicine Hat district germination appears quite uniform on spring-seeded crops. Fall rye is heading but needs moisture for filling and grade. Grasshoppers are hatching and pose a potential threat. A general rainfall is needed for overall growth of cereal and forage crops.

In the southwest area at Lethbridge drying winds have alternated with light showers. Surface moisture is fair to good but reserves are low. Seeding of most crops is completed. Pasture and hay crops are average. Grasshoppers are hatching and control has started. Weed spraying is being interrupted by the weather. At Cardston spring seeding is completed and germination is very good. Moisture conditions are fair. Spraying for weeds has now started. Pastures and haylands are in good condition and no insect damage has been reported to date. Feed grain and wheat acreage has increased over last year. The crops are all in the ground at Claresholm. Continual wind is making it difficult for farmers to spray weeds. Rye is heading and winter wheat is in the shotblade stage. Pastures are fair and the hay crop will be poor. Rain is badly needed.

Most seeding is completed at Brooks in the south-central area of Alberta. Both early-seeded and fall-seeded crops are looking good. Irrigating is becoming general. Soil moisture is poor and all crops need a general rain. The spring calf crop is good.

At Sedgewick in the northeast-central part of the province seeding is practically completed. Over two cm of rainfall last weekend will aid germination and bring the crops along. Weeds are growing well and spraying will be general this week and next. At Vermilion seeding is completed except for green feed and some reseeding. The wind has caused quite a bit of concern and reseeding is being done in extreme cases. Rain during last weekend has relieved the moisture problem in the greater part of the Vermilion area.

Red Deer district farmers have nearly completed seeding operations. Spraying for wild oats and other weeds is now general and rainshowers have greatly improved crop and pasture prospects. Light frosts have been common with little damage so far. At Lacombe precipitation since May 18 is maintaining growth but a general rain is needed to have any reserve of moisture. Seeding is virtually completed — with spraying in progress. Hay will be short as a result of low rainfall.

#### BRITISH COLUMBIA

At Kamloops range conditions are only fair due to a windy, dry spring. However, the first cut of hay will commence shortly for those farmers cutting three crops. All the silage corn has been planted.

Temperatures have been cooler than normal on Vancouver Island and rainfall has been heavy. Consequently, only average tree fruit crops are forecast. Strawberry and raspberry plantings are showing good growth, although loganberries are not as promising. English cucumbers are now past their peak, showing good yields and quality. Greenhouse tomatoes are being shipped in volume. Tent caterpillars and Bruce Span Worms are causing serious damage in many areas.

The latter part of May was cool with normal precipitation causing slow growth of most crops near Agassiz. Silage production is good but early cut hay is difficult to cure. The strawberry harvest is delayed and the raspberry outlook is good despite poor pollination. There has been some incidence of bacterial blight. Planting of canning corn and peas is being delayed by adverse weather. Near Surrey cold, wet soils and excessive rain have delayed crops up to two weeks. Hay and pasture grasses look good and silage production is delayed but well under way. Corn and potatoes are about 50 per cent planted and acreage is markedly increased. Most grasses and legumes, and cereal crops are seeded and acreage is near normal. Warm, clear weather is urgently needed to finish planting and initiate good growth.

In the south Okanagan Valley cool, wet weather conditions has slowed the early development of tree fruits but no crop loss due to frost has been reported. A moderate crop of cherries and a large apricot crop are predicted. The fruit set on apples and pears is heavy and, consequently, chemical thinning is being widely applied. The north Okanagan Valley has been cooler and wetter than usual. Hay crops are two weeks later than normal. Haying has not yet started although the crop looks good. Other crops are good but late and warm weather is needed for continued growth. Near the Kamloops boundary and the Kootenays, seeding of spring cereals, alfalfa, pasture grasses, potatoes, silage corn and field peas is almost over, despite May precipitation which was slightly higher than normal. Pastures are showing healthy growth and fall cereals look good. Hay supplies are adequate and no disease or insect problems are reported.

In the south Cariboo the soil moisture carryover from fall and winter precipitation was good. Below normal moisture during the first four months of the year caused some concern but high precipitation and cool temperatures are resulting in maximum forage on grassland ranges. Forage growth was early due to high temperatures at the end of April. Excellent soil moisture conditions this spring in the Monineca, Skeena and Cariboo regions is largely due to heavy winter snowfall on unfrozen grounds. Consequently, vegetated growth on both forest and grassland ranges is one to two weeks earlier than normal and high forage production is anticipated.

In the Central Interior near Prince George moisture supplies are reported to be adequate. Fertilizing is now complete, although forage seeding has been delayed on some clay soils. Cool weather is retarding cereal and forage growth. In the Cariboo field corn was planted in the first week of May and seed potatoes by mid-May.

In the Skeena River Valley, May was very cool with showers of rain and snow at higher levels. Therefore the fields are still very wet. Grain seeding is completed

wherever possible and all other seeding has been held up somewhat. Very little frost has allowed hay crops to grow and range growth is very good except in the most easterly parts of the Valley. Temperatures are somewhat lower than normal for this time of the year.

In the Peace River Block snow and very heavy rain has provided much needed precipitation for the crops. Forage crops, in particular, were suffering and in need of moisture. Seeding is now 95 per cent complete with only some barley and rapeseed left to be planted. Some early-seeded wheat is in the four leaf stage.

Seeding is almost completed around Fort St. John in northeastern British Columbia and rains have ensured germination. However, strong winds are rapidly depleting the moisture supply and more rain is needed soon to ensure continued growth.

# Precipitation and Temperature Data, Prairie Provinces(1) Données sur les précipitations et la température Provinces des Prairies(1)

100	The state of the s	Precipitation — Précipitations			Mean temperature week ending 8 a.m.	
Province and crop district — Province et district agricole		Week ending 8 a.m. May 31,	Total since	Normal since	Tempé	y 31 - rature
	Station	1976  Semaine se terminant 8 a.m. 1e 31 mai, 1976	April 1  Total depuis le ler avril	April 1  Normales depuis le ler avril	moyenne semaine se terminant 8 a.m. le 31 mai Normal	
					1976	- Normale
MANITOBA			តរកា		degrees	- degrés C
MANITODA						
1	Boissevain	trace	54.6	96.3	18	13
	Pierson	23.1	75.5	88.1	16	14
2	Baldur	trace	29.4	120.9	16	14
17.0	Pilot Mound	0.8	48.4	105.4	17	14
3	Altona	3.0	57.8	87.2	17	16
	Deerwood	0.8	45.5(2)	109.8	16	16
	Graysville	0.8	49.3 38.2	95.1 99.8	16 16	14
	Morden	1.8	49.3	93.1	17	16
	Morris	3.6	60.0	109.6	17	16
	Plum Coulee	1.3	45.8	105.2	17	16
	Portage la Prairie	0.5	41.6	89.1	17	16
,	Roland	1.5	49.5	101.2	18	14
4	Stonewall	1.3	55.6	93.6	18	15
5	Emerson	3.6	32.8	106.0	17	14
	Steinbach	1.0	42.0	94.5	17	14
	Winnipeg	5.1	54.6	111.3	16	16
	Starbuck	1.3	55.7	95.5	16	13
6	Pinawa	1.0	50.3	101.7	17	14
	Sprague	0.8	41.4	81.0	16	14
7	Virden	1.8	32.1	81.0	17	14
8	Brandon	1.0	39.1	89.6	17	14
	Cypress River	1.3	55.6	96.1		14
9	Gladstone	0.3	27.8	81.8	14	13
10	Birtle	0.5	37.3	91.4	16	13
	Rossburn	trace	30.7	66.3	17	13
	Russell	N	32.3	88.5	16	14
11	Dauphin	1.0	49.3	86.4	17	14
12	Arborg	2.0	49.3	89.5	16	14
1.2	Gimli Suna River	N	29.1	78.5	18	14
13	Swan River The Pas	1.6	30.7	64.4	18	13
14	Grass River	1.3	41.6	81.6	17	14
AVERAGE - MANIT	TOBA - MOYENNE	2.0	44.7	93.1	16.7	14.3
SASKATCHEWAN						
	01 1	5.3	40.8	76.7	17	1.3
1A	Carlyle	16.5	76.9	78.9	17 16	13
	Estevan	10.5	28.2(2)	68.6		14
	Oxbow	22.1	61.5	75.4		13
10	Willmar	11.1	47.7	75.8	16	13
1B	Broadview	9.9			17	
	Moosomin	9.9	39.2	83.0	1 /	14

Precipitation and Temperature Data, Prairie Provinces(1)

Données sur les précipitations et la température Provinces des Prairies(1)

1/2/2	2 - 111	Precipit	ation — Précip	itations	week	emperature ending a.m.
Province		Week ending 8 a.m.	Total	Normal		1y 31
crop district		May 31	since	since	Temp	érature
_	Station	1976	April 1	April 1	moyenn	e semaine
Province et		_	. –	-	se to	erminant
district		Semaine se	Total	Normales	8	a.m.
agricole		terminant	depuis	depuis	le	31 mai
-8-		8 a.m.	le ler	le ler		Normal
		le 31 mai	avril	avril	1976	_
		1976				Normale
SASKATCHEWAN -	Continued - suite		mm		degrees	- degrés C
2A	Yellow Grass	25.4	70.7	72.7	15	14
2.0	Weyburn	20.6	65.0	80.3	16	14
	Midale	29.2	71.7	75.3	16	14
	Amulet	26.9	67.8	97.1	14	14
2B	Moose Jaw	23.6	61.8	68.6	16	14
4.0	Regina	15.0	46.6	69.3	15	14
	Francis	13.0	37.2(2)	66.7		13
	Indian Head	33.3	74.1	72.9	16	14
245	Ormiston	46.0	80.9	68.5	15	14
3AS	Cardross	23.1	63.5	76.8	14	14
	Rock Glen	22.9	46.9	106.0	14	13
2.111			9.1(2)	66.8		14
3AN	Gravelbourg	9.7	19.1(2)	64.0	15	14
	Coderre	2.0	18.3	58.8	14	14
0.7-	Chaplin	7.6	18.5	61.4	14	14
3BS	Shaunavon	9.1	23.4	62.5	16	14
	Aneroid	3.6	21.7	63.7	18	13
0.001	Instow	24.4	37.7	66.9	16	13
3BN	Swift Current	4.8	4.8(2)	64.9	16	14
	Pennant	5.3	12.9(2)	54.3	17	14
4.0	Elrose	30.0	44.4	63.6	16	15
4A	Maple Creek	23.8	29.4	52.2	13	13
	Consul	17.8	31.3	55.1	16	14
4B	Leader		75.9(2)	72.2	15	14
5A	Cupar	25.1 28.2	58.5	60.3	1.7	14
	Balcarres	25.7	62.8	69.0	16	14
	Lipton		30.2	66.6	16	13
	Yorkton	6.1	23.3(2)	70.6		14
5.00	Bangor	10.3	50.1	65.4	16	11
5B	Wynyard	20.8	62.6	66.2	16	13
	Foam Lake		51.1	70.4	17	13
	Kuroki	9.4	26.5	59.9	18	13
	Kamsack, Cote	2.1	43.7	65.4	13	13
6A	Davidson	8.4	48.5	73.6	17	13
	Strasbourg	10.9				
	Watrous	10.0	46.0(2)	73.1	16	13 13
	Penzance	18.8	51.3	68.8	16 16	14
6B	Harris	10.7	35.6(2)	58.3		
	Outlook	5.9	24.2	54.6	17	14
	Saskatoon	11.0	38.0	57.1	17	14
	Elbow	2.5	29.2	62.2	16	14
	Tugaske	3.3	24.9	69.6	16	14
	Dundurn	4.1	29.7	56.8	17	14
7A	Alsask	9.7	25.2(2)	34.9	15	14
	Kindersley	10.1	35.7	49.3	16	14
	Rosetown	6.8	20.3	59.2	16	14

Precipitation and Temperature Data, Prairie Provinces(1)

Données sur les précipitations et la température Provinces des Prairies(1)

		Precipitation — Précipitations			Mean temperature week ending 8 a.m.	
Province		Week ending	- National Land		Ma	y 31
and		8 a.m.	Total	Normal		
crop district		May 31,	since	since	Tempé	rature
	Station	1976	April 1	April 1	moyenne	semaine
Province et		1770	Total depuis le ler avril	Normales depuis le ler avril	se te	rminant
district		Semaine se			8	a.m.
agricole		terminant			le	31 mai
		8 a.m.			Normal	
		le 31 mai 1976			1976	_
					1770	Normale
			TIMED		degrees	- degrés (
ASKATCHEWAN -	Concluded - fin					
7B	Macklin	8.7	40.1	54.1	15	13
	Denzil	8.1	40.6	61.9	14	14
	Scott	13.2	31.3	59.6	15	13
	Biggar	10.2	38.8	61.4	16	14
8A	Hudson Bay	15.5	49.7	67.9	17	13
UA	Prairie River	6.1	43.2	69.5	16	13
		3.8	37.6	66.8	16	14
O.D.	Nipawin	18.3	45.1	54.0	15	13
8B	Humboldt	7.6	38.1	59.0	16	13
	Melfort		31.8	55.4	17	13
9A	North Battleford	14.5		60.7	15	13
	Prince Albert	26.7	45.7	63.3	16	12
9B	Meadow Lake	40.5	72.5 32.0(2)	66.0	16	13
	Waseca	12.4	3210(2)			
AVERAGE - SASK	ATCHEWAN - MOYENNE	15.0	45.0	66.1	15.7	13.5
				- C-1 - 2 - 1 - 1 - 1 - 1 - 1		
LBERTA						
	Empress	5.8	14.2	37.0	16	12
LBERTA	•	5.8 2.5	14.2 62.2	37.0 68.9	16 14	14
	Empress Foremost Hanna				-	
	Foremost Hanna	2.5	62.2	68.9	14	14
	Foremost Hanna Manyberries	2.5	62.2 21.8(2)	68.9 52.6	14	14 12
1	Foremost Hanna Manyberries Medicine Hat	2.5 5.1 17.5	62.2 21.8(2) 39.8	68.9 52.6 70.1	14	14 12 14
	Foremost Hanna Manyberries Medicine Hat Brooks	2.5 5.1 17.5 8.9	62.2 21.8(2) 39.8 48.0 46.6	68.9 52.6 70.1 65.3	14 14 16	14 12 14 15
1	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen	2.5 5.1 17.5 8.9 18.3	62.2 21.8(2) 39.8 48.0 46.6 66.6	68.9 52.6 70.1 65.3 63.2 77.9	14 14 16 15	14 12 14 15 14
1	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall	2.5 5.1 17.5 8.9 18.3 5.6	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4	68.9 52.6 70.1 65.3 63.2 77.9 63.2	14 14 16 15 13	14 12 14 15 14 13
1	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond	2.5 5.1 17.5 8.9 18.3 5.6	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2)	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4	14 14 16 15 13	14 12 14 15 14 13 13
1	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge	2.5 5.1 17.5 8.9 18.3 5.6	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4	14 14 16 15 13 15	14 12 14 15 14 13 13 14
1	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu)	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2)	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0	14 14 16 15 13 15	14 12 14 15 14 13 13 14 13
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2)	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2	14 14 16 15 13 15	14 12 14 15 14 13 13 14 13 13
1	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6	14 14 16 15 13 15  13	14 12 14 15 14 13 13 14 13 13 13
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary Cardston	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0 3.6	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7 83.5	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6 100.2	14 14 16 15 13 15  13 	14 12 14 15 14 13 13 14 13 13 13 13 13
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary Cardston Pincher Creek	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0 3.6 N	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7 83.5 69.9	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6 100.2 122.5	14 14 16 15 13 15  14 13 11 10	14 12 14 15 14 13 13 14 13 13 13 12 13
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary Cardston	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0 3.6 N	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7 83.5 69.9 73.9	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6 100.2 122.5 95.9	14 14 16 15 13 15  14 13 11 10 13	14 12 14 15 14 13 13 14 13 13 13 12 13
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary Cardston Pincher Creek	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0 3.6 N	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7 83.5 69.9 73.9 77.7	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6 100.2 122.5 95.9 97.3	14 16 15 13 15  14 13 11 10 13 13	14 12 14 15 14 13 13 14 13 13 13 12 13 12 14
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary Cardston Pincher Creek Fort MacLeod	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0 3.6 N 0.3 N	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7 83.5 69.9 73.9 77.7 94.2	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6 100.2 122.5 95.9 97.3 105.7	14 16 15 13 15  14 13 11 10 13 13 12	14 12 14 15 14 13 13 14 13 13 13 12 13 12 14 13 11
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary Cardston Pincher Creek Fort MacLeod Claresholm	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0 3.6 N 0.3 N 7.6 32.8	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7 83.5 69.9 73.9 77.7 94.2 85.4	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6 100.2 122.5 95.9 97.3 105.7 79.7	14 16 15 13 15  14 13 11 10 13 13 12 11	14 12 14 15 14 13 13 14 13 13 12 13 12 14 13 12 14
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary Cardston Pincher Creek Fort MacLeod Claresholm High River Olds	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0 3.6 N 0.3 N 7.6 32.8 10.9	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7 83.5 69.9 73.9 77.7 94.2	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6 100.2 122.5 95.9 97.3 105.7 79.7 56.8	14 16 15 13 15  14 13 11 10 13 13 12 11 13	14 12 14 15 14 13 13 14 13 13 12 13 12 14 13 12 14 13
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary Cardston Pincher Creek Fort MacLeod Claresholm High River Olds Alliance	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0 3.6 N 0.3 N 7.6 32.8	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7 83.5 69.9 73.9 77.7 94.2 85.4	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6 100.2 122.5 95.9 97.3 105.7 79.7 56.8 53.6	14 16 15 13 15  13 14 13 11 10 13 13 12 11 13 14	14 12 14 15 14 13 13 14 13 13 12 13 12 14 13 11 12 13
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary Cardston Pincher Creek Fort MacLeod Claresholm High River Olds Alliance Coronation	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0 3.6 N 0.3 N 7.6 32.8 10.9 8.1	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7 83.5 69.9 73.9 77.7 94.2 85.4 39.4	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6 100.2 122.5 95.9 97.3 105.7 79.7 56.8 53.6 54.3	14 16 15 13 15  14 13 11 10 13 13 12 11 13 14 14	14 12 14 15 14 13 13 14 13 13 12 13 12 14 13 11 12 13 11 12 13 13
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary Cardston Pincher Creek Fort MacLeod Claresholm High River Olds Alliance Coronation Hughenden	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0 3.6 N 0.3 N 7.6 32.8 10.9 8.1 11.4	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7 83.5 69.9 73.9 77.7 94.2 85.4 39.4 50.0 63.0	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6 100.2 122.5 95.9 97.3 105.7 79.7 56.8 53.6	14 16 15 13 15  13 14 13 11 10 13 13 12 11 13 14	14 12 14 15 14 13 13 13 14 13 13 12 14 13 11 12 13 11 12 13 13 11 12 13 13 13 13 13 14 13 13 13 13 13 13 13 13 13 13 13 13 13
2	Foremost Hanna Manyberries Medicine Hat Brooks Gleichen Vauxhall Raymond Lethbridge Elnora (Trochu) Queenstown Calgary Cardston Pincher Creek Fort MacLeod Claresholm High River Olds Alliance Coronation	2.5 5.1 17.5 8.9 18.3 5.6  5.1 14.0 5.8 15.0 3.6 N 0.3 N 7.6 32.8 10.9 8.1	62.2 21.8(2) 39.8 48.0 46.6 66.6 40.4 15.5(2) 62.7 20.3(2) 46.8(2) 69.7 83.5 69.9 73.9 77.7 94.2 85.4 39.4 50.0	68.9 52.6 70.1 65.3 63.2 77.9 63.2 95.4 90.3 69.0 85.2 83.6 100.2 122.5 95.9 97.3 105.7 79.7 56.8 53.6 54.3	14 16 15 13 15  14 13 11 10 13 13 12 11 13 14 14	14 12 14 15 14 13 13 14 13 13 12 13 12 14 13 11 12 13 11 12 13



## Precipitation and Temperature Data, Prairie Provinces(1)

Données sur les précipitations et la température Provinces des Prairies(1)

		Precipitation — Précipitations			Mean temperature week ending 8 a.m.	
Province and crop district — Province et district agricole	Station	Week ending 8 a.m. May 31, 1976  Semaine se terminant 8 a.m. le 31 mai,	Total since April 1  Total depuis le ler avril	Normal since April 1  Normales depuis le ler avril	May 31  Température moyenne semaine se terminant 8 a.m.	
					<u>le</u> 1976	Normal Normale
		1976	mm		degrees	- degrés C
ALBERTA - Concl	luded - fin					
4	Vegreville	12.7	33.4	54.4	12	13
	Ranfurly	16.5	37.3(2)	60.2 56.2	13	13 13
	Vermilion	26.2	62.9	62.1	12	13
5	Edmonton	10.0	39.5	78.2	12	13
	Lacombe	19.6	57.0	73.8	12	12
	Red Deer	26.1	69.8	95.4	11	11
	Rocky Mountain House	18.0	78.2	72.4	12	13
	Gwynne	31.8	68.7	67.4	11	12
6	Campsie	4.1	42.3	89.0	9	13
	Edson	5.9	54.3	58.7	12	12
	Elk Point	16.5	41.9	79.5	10	12
	Whitecourt	16.2	48.6	65.0	9	12
7	Beaverlodge	0.8	30.8	40.8	15	12
	Chipewyan	6.6	56.1	48.9	13	13
	Ft. Vermilion	3.6	33.8	61.7	11	13
	Grande Prairie	13.7	30.2(2)	60.9	12	12
	High Prairie	10.7	31.1	45.2	9	13
	Peace River Rycroft		33.8(2)	59.9		12
AVERAGE - ALBEI	RTA - MOYENNE	11.7	54.5	70.4	12.6	12.8

<sup>(1)</sup> Source: Atmospheric Environment Service. - Service de l'environnement atmosphérique.

<sup>(2)</sup> Incomplete; not included in average. - Incomplet, non compris dans la moyenne.

<sup>..</sup> Figures not available. - Données indisponibles.

N. Nil. - Néant.