

22-002
no. 9
1977
July 7
c. 3

Statistics Canada Statistique Canada

JUL 11 1977

GEOGRAPHY DIVISION
Surveys & Mapping Branch
DIVISION DE LA GÉOGRAPHIE
Direction des levés et de la Cartographie

For release
July 7, 1977, 3 p.m.

Price: \$5.60 for series of
20 Crop Reports

Field Crop Reporting Series - No. 9

TELEGRAPHIC CROP REPORT - CANADA

This is the third of the 1977 series of six telegraphic reports, issued by Statistics Canada, covering crop conditions throughout Canada. Included in this report is the fifth 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. - Excessive rains during the month of June have generally delayed plant growth and development. In Prince Edward Island seeding of cereal and potato crops was not completed until the last part of June. In Nova Scotia and New Brunswick crops are now making good progress due to recent warm weather.

Quebec. - Reports from Quebec indicate soil moisture conditions which are favouring crop development. Silage making is under way and conditions are generally good, although in some districts there has been too much rain.

Agriculture Division
Crops Section

4-3102-508

Ontario. - Recent temperatures and rainfall have been variable throughout the province. The first cut of hay is nearly completed, but yields are lighter than usual due to a lack of moisture. Dry pasture conditions have increased the amount of supplementary feeding. Although winter wheat has headed and is turning colour, the heads are not filling particularly well and the straw is short. Stands of spring grains are somewhat spotty and yields are expected to range from below average to average. The growth of corn and soybeans has been slow and uneven, but recent showers have improved yield prospects.

Prairie Provinces. - Crop conditions vary considerably throughout the Prairie Provinces, ranging from good in Manitoba to below average in parts of Saskatchewan and Alberta. Early-sown cereals are headed and most rapeseed is in bloom. Due to the late seeding and excessive moisture, crop development is slow in the Peace River District. Moisture conditions are generally adequate in Manitoba, but precipitation is needed in most of Alberta and Saskatchewan. Haying operations are in full swing but yields are generally below average.

Precipitation and Temperature Data, Prairie Provinces(1)

	Unweighted Average Precipitation		
	Per cent variation from normal(2)		
	Man.	Sask.	Alta.
April 1, 1977 - July 4, 1977	+ 13	+ 6	- 1
April 1, 1977 - June 27, 1977	+ 11	+ 13	+ 2
April 1, 1977 - June 20, 1977	+ 22	+ 23	+ 11
April 1, 1976 - July 5, 1976	- 1	+ 29	+ 3
	Mean Temperature		
	°C. variation from normal(2)		
	Man.	Sask.	Alta.
For the week ending July 4, 1977	- 2.2	- 1.7	- 2.9
For the week ending June 27, 1977	+ 0.7	+ 1.8	+ 1.8
For the week ending June 20, 1977	- 1.2	- 1.6	+ 0.2
For the week ending July 5, 1976	- 1.1	- 0.3	- 0.5

(1) Source: Atmospheric Environment Service.

(2) Positive sign indicates above normal and negative sign indicates below normal.

RUST REPORT

Wheat leaf rust was first observed in western Canada on June 17 at Glenlea, Manitoba. It has developed rapidly and now occurs commonly across southern Manitoba and probably much of southern Saskatchewan. Moderate infections are present on the lower leaves of susceptible varieties in experimental plots but infections are much lighter in farm fields. If moist weather continues rapid rust development can be expected. The earliest wheat fields are now past flowering and should escape damage but there is still time for late fields to be effected. Wheat stem rust was first observed in western Canada on July 4 when a few pustules were found on a susceptible variety in experimental plots. Oat rust has not yet been found.

British Columbia. - Dry, warm weather has prevailed on the island and southern mainland regions, but cooler more unsettled conditions have been reported from the interior. Some regions are now in need of rain to maintain plant growth. Fruit, vegetables, hay and pasture conditions are generally good to excellent with good quality yields reported. Corn growth is good and early-seeded cereals in the Peace River area are also progressing well.

MARITIME PROVINCES

In Prince Edward Island potato and cereal planting was not completed until the latter part of June. Some barley fields as well as low fertility fields turned yellow with the cool, damp weather but are now recovered somewhat with the recent few days of sun. Replanting of potatoes is required as set rot affected 12 per cent of the crop. Hay is now in the normal growth stage but a light crop is expected one week later than normal. Pastures are excellent.

In Nova Scotia the recent warm weather improved the crops considerably. Hay and silage harvesting has begun. The alfalfa weevil is affecting some hay fields with the total hay crop light for this time of the year. Pastures are showing good growth but are of low feed value. Strawberries are being harvested and a good crop is expected. Blueberries are also doing well. Early-planted grain and corn look better now with the recent warm weather.

Cool, wet weather in June hampered the final planting of potatoes in New Brunswick. The excessive moisture and heavy showers caused damage to crops by soil erosion, fertilizer leaching and seed piece decay in low-lying areas. Uneven germination prevented normal benefit of herbicide and cultivation programs. Potatoes are now growing well after a slow start due to the wet cool conditions. The main harvest of strawberries is now starting and the crop appears lighter than normal. Apples are showing medium set in most areas. Although some blight is reported in blueberries the excellent bloom was offset by poor pollinating weather. Transplanting of early vegetables is now completed but the harvest will be delayed ten to 15 days. Grain crops are now growing well with some fields in head. The corn crop was delayed but is now making good progress due to better weather. Haymaking and silage are under way with a normal crop expected.

QUEBEC

At l'Assomption, precipitation in June totalled 131.2 mm, with rainfall reported during 18 days. In 1976, total moisture in June was 121.7 mm with precipitation during 14 days. Tobacco crop growth is normal but weed growth is very heavy and growers are finding it difficult to cultivate because of wet soil.

. At Normandin, temperatures have been low and rainfall heavy during June. Crop growth is excellent and above normal forage yields are in prospect. However, weed growth is heavy due to the high moisture level in the soil. Farmers have commenced silage making but are interrupted due to repeated rains. Grain crops are starting to flower in spite of the low temperatures.

ONTARIO

Recent rains in Essex County of southern Ontario have benefited most field crops. Prospects for grain, corn and soybeans are good. Processing tomatoes and pickling cucumbers are well advanced. Harvesting of an average crop of winter wheat is expected to begin about July 8. Cutting of second-crop hay is in progress. In Kent County recent rains were very beneficial but more moisture is still required. Wheat is ripening and detasselling of seed corn will start this week. Corn and soybeans are in average condition but there is wide variation in crop development. Harvesting of peas is continuing and the tomato crop looks excellent. Recent rains in Middlesex County have alleviated the very dry conditions but more rain is needed. The corn crop in Norfolk County made rapid growth last week due to timely rains. Much of the crop is now close to four feet. Winter wheat and rye are nearing maturity. There was wide spread hail damage to apples on June 21 and 24. The strawberry crop is finished and yields were very good. Picking of sour cherries will commence next week and other fruits and vegetables are making good growth. Second-crop hay is developing rapidly. The tobacco crop is well rooted, of average height and uniform in growth. In Lincoln County the fruit crop looks good and development is well ahead of normal. However, hot, wet weather in June and early July has caused outbreaks of fire blight on pears. Conditions are also ideal for scab, brown rot and mildew on stone fruits and grapes. Bacterial canker related to winter injury is common on peach and sweet cherry trees.

The first cut of hay in Simcoe County of western Ontario averaged only about one-third of normal due to the combined effect of dry weather and alfalfa weevil damage. A reduced yield is also expected from early-planted spring cereals. Corn and winter wheat have responded well to late June rains. In Bruce County dry weather was reflected in poor germination of grain as well as a reduced hay crop. There was also frost damage to corn and garden crops during the first part of June. However, rain on June 24 and 28 was very beneficial for all crops. Recent rains in Waterloo County have greatly improved the moisture situation and all crops are now making excellent growth. Haying is well advanced but yields are slightly below average. Weed control in corn is uneven due to earlier dry weather. Winter wheat is ripening rapidly and yield prospects appear to be average. Haying operations are completed on most farms in Wellington County and although quality was excellent yields were poor. Other crops are recovering and although there were scattered showers last week more rain is still required. Spring grains and winter wheat are developing well and harvesting should commence earlier than usual. Recent rains in Halton County have revived pastures and promoted growth of all crops to a normal level. Haying is nearly completed and yields are only slightly less than normal. Spring grains are headed and winter wheat is turning rapidly. Corn shows average development for this time of year.

Recent rains have been a benefit to all crops in Durham County of central Ontario. The first crop of hay was below average on most farms but prospects for the second crop are very good. Harvesting of fall wheat will commence earlier than usual this year. Spring grains are headed and about average yields are anticipated. Both yield and quality of the strawberry crop were excellent. Recent hail storms caused up to 90 per cent damage to a few apple orchards in the Whitby-Bowmanville area. Although only limited amounts of rain fell in Peterborough County during May, the much-needed moisture occurred in June. Hay crops were a week to ten days earlier than normal but yields were substantially reduced due to dry weather and alfalfa weevils. Cereal crops are beginning to head and corn is about average.

Recent showers have improved moisture conditions in Leeds County of eastern Ontario but more rain is needed. Pastures are dry and supplementary feeding of livestock has been necessary. Early-sown grain is progressing favourably but other crops and corn are developing slowly. Atrazine weed control has been unsatisfactory in some cases. Light rains in Carleton County have continued to delay harvesting of hay but have replenished soil moisture which was unusually low for this time of year. Early-sown grains are heading and corn is beginning to make good growth. Pastures have improved due to the combined effect of recent rains and warmer temperatures.

A report from Kapuskasing in northern Ontario indicates that frequent rains and warm temperatures have improved crop prospects considerably. Progress of harvesting the hay crop is variable and yields are averaging from fair to good. Early-seeded potatoes were damaged slightly in early June due to frost but recent good weather has benefited this crop greatly.

MANITOBA

Early-sown cereals are headed and oilseed crops as well as peas are in flower. Moisture supplies are good and crop prospects are very promising. Heavy storms, however, have damaged crops in the Interlake district and frequent showers have delayed weed spraying and haying. The first hay crop is below average but regrowth is good and pastures are also good. Insect damage is light.

Farmers in the Vita district have cut, swathed and baled a good crop of first cut alfalfa hay in spite of interruptions due to wet weather. Regrowth is good. Pastures are holding well in view of the poor start earlier in the year. In the Altona district, crops are growing satisfactorily with weekly rains of 25 to 40 mm reported. Early-seeded grains are heading and barley is turning. Specialty crops, sunflowers, rapeseed, field peas, canary seed and beans are in good shape. Sunflower fields have been sprayed for beetles and the serious weed in the district is wild mustard.

Soil moisture conditions are good at Pilot Mound with early-seeded wheat and barley headed and rye turning. Rapeseed and field peas are blooming and sunflowers are two to two and one-half feet tall. There have been no severe insect problems yet. Farmers have cut about one-half of the first cut of hay with less than average yields reported. Reports from Melita indicate that crop conditions are good and that cereals are headed except for the very late-seeded fields. Rapeseed is in blossom with flaxseed to follow soon. So far, hay crops are poor and little hay was made last week due to wet conditions. Pastures are improving with the rain and grasshopper infestations are very light.

At Beausejour, crop conditions are good with good moisture supplies reported. The first hay crop was good to very good although showers delayed harvesting. Special crops are fair to good in the northern part of the district and excellent in the south. So far, there has been no hail damage, rust or flooding but army-worms, aphids and diamond-back moths are starting to appear. Our reporter in Portage la Prairie indicates that some 50 to 75 per cent of the cereals are in head and present prospects are for above average yields. However, early-seeded crops are suffering from uneven germination. Rapeseed is in flower and indications for both this crop and flaxseed are for average yields. About 20 per cent of the flaxseed is in flower. Potatoes and sugar beets have responded favourably to good moisture conditions and top growth indicates good crop prospects. Sunflowers are in the advanced stage of growth. Insect damage could be a problem if not controlled.

In the Brandon district, crop development is excellent with early-seeded grain in head and oilseeds in full bloom. Haymaking is well under way. Recent rains followed by hot weather resulted in excellent growth of forages and stimulated development of annual crops. Prospects are generally excellent.

At Teulon, in the southern part of the Interlake district, moisture supplies appear to be adequate with 35.5 mm of rain in the past week. Crops continue to head and are looking good although heavy rains knocked some down. A large amount of aerial spraying has been done because wet soil prevented ground spraying. Farmers are well into the first cut of alfalfa but haying is hampered by intermittent showers. Yields appear to be about average. The Arborg area received from 80 to 90 mm of rain last week which brought about some lodging and some hail damage. However, the outlook is still favourable although some of the later crops are under water in the low lying areas. Haying has been further delayed by the wet weather with some hay having been cut for two weeks and swathes are under water in some places; as a result considerable value has been lost. Pastures are abundant.

At Neepawa, rain showers have hampered haying operations and hay yields are below average. Cereals are heading and rapeseed is in full bloom. Although sunshine is needed for haying, crops and pastures require additional moisture. Corn and sunflowers are generally doing well and there are no reports of serious insect damage. Near Minnedosa, moisture levels are adequate with good growing conditions reported. Crop prospects are average to above average. Haying is under way with below average yields but pastures are generally good.

In the Shoal Lake district, crops appear promising and haying operations are in full swing this week. Hay yields are quite variable ranging from good to considerably below normal. At Russell, crop conditions are also good. Weed growth is heavy and control measures are being taken. There is a small outbreak of diamond-back moths on rapeseed but no serious damage has occurred. Moisture conditions are good but three or four showers would help. Hay yields are poor to average but pastures are average.

Reports from Dauphin indicate that crops are two weeks earlier than last year and progressing favourably. Moisture supplies are satisfactory and weed spraying has been completed with good results. Haying is in full swing with below average yields. Pastures are fair to good and garden crops are excellent. At Swan River general crop conditions are good to excellent but moisture is required in most localities. Hay crops are below average and pasture growth is poor to fair. Diamond-back moths are present in rapeseed and the next generation could be severe.

SASKATCHEWAN

Warm, dry weather has resulted in deterioration of crops in virtually all areas of Saskatchewan. Moisture supplies are poor in the southwestern districts and in the entire northern half of the province. General rains are needed to alleviate the present moisture stress on crops. Cereals are in the shotblade stage or are heading on shorter than normal stands. About one-half of the oilseeds are in flower. The diamond-back moth has been appearing in rapeseed fields with little or no damage reported to date. First-cut haying operations are progressing rapidly with about one-half of the crop presently harvested. Yields are variable but generally below average. Pastures are in poor condition.

In the southwest of the province at Swift Current cereal stands are extremely variable. Scattered local showers have been giving some relief, but good general rains are needed to reach yield potential. Wheat is starting to head. Rye stands are variable and low yields are expected due to the drought last fall and early spring. Hay is better than originally expected. At Leader crop conditions are fair. There have been no recent rains and moisture reserves are almost exhausted. Most of the crops are headed with average height but stands are thin.

In the central part of the province at Drake early-sown wheat is heading. Rain is urgently needed as total rainfall in June was less than 25mm. Crop conditions are deteriorating. Haying operations are progressing rapidly but poor yields are reported. Summerfallow conditions are mostly good. Oilseeds are in full bloom and early-sown cereals are in flower. In the area around Saskatoon most cereal crops are headed and rapeseed is in full bloom. Stands are generally good but some fields are patchy and starting to burn. Only 19 mm of rain has been received since May and the soil is very dry. Rain is needed to fill crops. Haying is almost completed and yields are good.

At Rosetown in the west-central part of the province about 70 per cent of the wheat crop is headed. Some flax is in flower and the barley crop is all headed out. Crops are better than average but need rain now. Haying operations are under way. Harvesting time could be variable this year due to several weeks difference in maturity between many fields.

In the northeast of the province at Melfort crops are heading earlier than normal. Stands are thick but relatively short. Early-seeded rapeseed is in flower. Hay is yielding between one and one and one-half tons per acre and pastures are holding up well. Rain is needed to bring the grain crops on to maturity. There are reports of diamond-back moths attacking rapeseed crops. Some hail damage is reported in a few isolated areas. Weed control chemicals have been effectively applied in most fields.

The Saskatchewan Municipal Hail Insurance Association reports the following hail storms: a storm on June 22 has resulted in severe damage in Mantario, Laporte, Estona, Glidden, Snipe Lake, Eston, Isham, Tyner, Lacadena, Kyle, Elrose, Birsay, Loreburn, Elbow and Davidson. The damage from this storm varied from two to eight miles in width by 170 miles in length. Another storm on June 27 brought damage to Bromhead, Oungre, Ratcliffe, Regway, Simmie, Courval and Coderre. Other light hail storms in the latter part of June resulted in damage at Estevan, Torquay, Neidpath, Watrous, Marsden, Domremy, Melfort, Star City, Codette and Shipman.

ALBERTA

Crop conditions are variable throughout the province. Hot, dry weather in southern Alberta has caused burning of many crops and a decline in yield potential. Rain is needed in southern and eastern areas to prevent further crop deterioration. Irrigated crops are generally in good condition. In the central and northern regions drought stress was becoming evident but rains during the first part of this week have alleviated the dry conditions. Prospects are currently favourable in these regions but additional rain will be needed to sustain the heavy crop growth. In the Peace River District most crops are late and need improved growing conditions to reach maturity. Haying is under way throughout the province with yields reported from good in the northern half of the province to very light in southern areas. Pastures range from poor in the south to very good in northern regions.

Rain is badly needed in the southeast region around Medicine Hat. Livestock water supplies are very low. Some farmers are not cutting their poor hay crops. Grass supplies are poor and all other crops are suffering.

In the southwest region at Lethbridge all dryland crops are suffering from lack of moisture. Winter wheat and fall rye are ripening but short heads with shrunken kernels are evident. Spring wheat and barley are heading and rapeseed is blossoming but growth is short. Hay and pastures are poor. Sugar beets are variable and only average yields are expected. Potatoes are blossoming and good stands are reported. Lack of precipitation is causing poor growing conditions near Cardston. All grains are headed but yields will be down considerably. Rapeseed is blooming and low yields are expected due to the dry conditions. Low moisture supplies are producing only a one-third hay crop on non-irrigated lands. Pastures are also suffering. All crops are showing the effects of the lack of precipitation around Claresholm. Unless rain comes in the next ten days most crops will be only half. Hay crops and pastures are poor. Winter wheat and rye swathing is expected to start in the next ten days.

In southcentral Alberta the first cutting of alfalfa on irrigated lands is well under way. Dryland crops are only fair in the western areas and poor in other regions. Pastures range from fair to poor. Livestock water supplies are just adequate.

At Sedgewick in the northeast-central region more moisture is needed despite light showers this week. Crops are estimated to be only 85 per cent of normal. Wheat is averaging only fifteen inches high. The first crop of hay was good but a second crop will depend on rain. Pastures are becoming short and require more moisture.

Crops in west-central Alberta near Red Deer are in need of rain since showers have been very spotty this month. Prospects are for a low to average yield on most crops. Hay is early but yields are down. Pastures are suffering from the dryness. Early-sown cereals are now headed and rapeseed is in full bloom near Lacombe. Late cereals are in the four to five leaf stage. Haying began early but was delayed by frequent showers. Soil moisture is still low despite some precipitation during the past month. Pastures and ranges east of Stettler are poor due to the severe drought. Approximately 20 mm. of badly needed rain fell July 5 so that moisture conditions are now fair around Eckville. Early-seeded barley is now heading and early-seeded rapeseed is in full flower. Weed spraying is completed. Haying has started and very poor yields are reported.

The majority of seeding was completed by June 18 in the Peace River District although it continued to the end of the month in some locations. It is reported that farmers managed to sow 70 per cent of their spring intentions. The very early and late crops are doing well while those seeded during the adverse weather conditions are only fair to poor. Early crops of wheat and barley are beginning to head. Rapeseed crops sown prior to May 20 are in full flower. The spring rains caused extreme soil compaction so that frequent rains will be required to bring all crops along from now on.

The Alberta Hail and Crop Insurance Corporation reports a localized storm on June 27 at Burdett causing light to moderate damage and a storm on June 28 causing light damage at Legal. On July 1 a storm moving from Morrinville to Sherwood Park caused moderate damage in a strip two miles wide and twenty miles long. On July 2 an isolated storm occurred at Gem; a storm moving in a southeasterly direction damaged a strip one mile wide and four miles long northwest of Olds; and a late evening storm caused serious damage in an area ten miles long and five miles wide southwest of Standard. On July 3 an area one mile by six miles received moderate damage from an evening storm at Royal Park.

BRITISH COLUMBIA

In the Victoria area the weather has been dry and warm throughout most of June. This has tended to shorten the strawberry season, but quality has been excellent with fruit rot minimal. The raspberry season is also advanced with picking commencing by the end of June. All field vegetables are making good progress and early potatoes are being harvested. Greenhouse vegetables have been excellent. The warm weather has accelerated tomatoes and caused a temporary surplus. Spring sales of ornamental nursery crops exceeded 1976 totals.

In the Agassiz area of the Lower Fraser Region, good yields of first cut hay were obtained, although somewhat over mature. Corn is growing well but weed control is below normal. The vegetable crop is coming along well. Strawberry harvesting is reported to be at its peak with a good quality crop in prospect. Mites continue to be a problem. The outlook for raspberries, cranberries, blueberries and filberts is good with above average yields expected. In the Cloverdale area new forage seedings are showing growth but corn is somewhat slow. Potatoes are emerging well. A good first cut of forage has been completed and the second cut is under way. Yields are good but tending to be over mature. Soils are drying out. Rain and warm, sunny weather are needed to sustain growth.

Summerland in the south Okanagan reports weather conditions have been excellent for development of the tree fruits in the Valley. Another large apple crop is expected. Cherry, peach, apricot, and pear crops should approximate 1976 levels. The cherry harvest is in full swing with both fruit size and quality good. In the Vernon area warm, dry weather has prevailed. Ranges are getting dry and rain is needed. Irrigated pastures are showing excellent growth. First cut hay is harvested with average yield and excellent quality. Grain crops are maturing rapidly. Average yields are expected from the late-seeded fields.

All cereal crops, corn and silage, field peas, and potatoes in the southern interior and Kootenays are showing normal growth. First crop hay is in, except around Cranbrook where haying has just started. Yields are average and of top quality. All irrigated hay and pasture fields are showing excellent growth.

All non-irrigated crops in lower ranges are showing growth stress from prolonged hot and dry weather. Reports from Kamloops indicate that June weather was hotter, windier and drier than normal. Forage on grassland ranges is about 75 per cent of normal production. Forested range is making rapid growth but needs rain if growth is to continue. The Williams Lake report in the north Cariboo indicates unsettled weather has been general. Sunny periods, broken by heavy rainfall, have caused grassland and forested ranges to produce excellent forage crops.

In the central interior near Prince George cool weather has slowed crop growth on the clay soils. Haying has begun on the lighter soils with average yields reported. High quality hay and silage have been harvested south of Quesnel. In the Smithers area weather has been unsettled. Haying started two weeks early and yields are good. Some silage has been made and range feed is plentiful. Vegetable and potato crops are showing good growth. The Lakes District is very dry.

A report from Dawson Creek in the Peace River area indicates that excessive moisture from mid-May to mid-June delayed field work and, as a result, all of the included acreage was not seeded. Early-seeded crops are progressing well, with much of the barley headed and rapeseed flowering. Lack of moisture is inhibiting growth in some areas but hay and pasture crops are reported in excellent condition.

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. July 4 — Température moyenne semaine se terminant 8 a.m. le 4 juillet	
Province and crop district — Province et district agricole	Station	Week ending 8 a.m. July 4, 1977 — Semaine se terminant 8 a.m. le 4 juillet 1977	Total since April 1 — Total depuis le 1er avril	Normal since April 1 — Normales depuis le 1er avril	1977	Normal — Normale
			mm		degrees — degrés C.	
MANITOBA						
1	Boissevain	8.4	181.7	190.3	17	19
	Pierson	10.9	169.4	167.6	18	19
2	Baldur	..	172.3(2)	225.7	..	20
	Pilot Mound	34.6	191.7	212.3	17	19
3	Altona	24.9	207.7	173.5	19	21
	Deerwood	18.0	238.2	206.8	18	21
	Graysville	11.2	230.6	183.3	18	21
	Morden	21.3	217.6	185.5	18	21
	Morris	38.6	260.5	179.6	18	21
	Plum Coulee	4.3	202.7	200.9	18	19
	Portage la Prairie	13.4	189.8	197.0	18	21
	Roland	23.9	167.4	169.2	19	21
4	Stoney Mountain	33.3	231.6	192.7	14	19
5	Emerson	28.3	227.0	184.4	18	20
	Steinbach	24.6	181.1	200.1	18	20
	Winnipeg	24.2	281.4	184.2	18	20
	Starbuck	21.3	254.5	200.6	17	20
6	Pinawa	24.1	248.9	180.6	17	18
	Sprague	32.0	164.5	200.6	17	20
7	Virden	14.8	133.2	173.8	18	19
8	Brandon	8.2	180.4	163.8	17	19
	Cypress River	19.5	295.6	177.0	18	19
9	Gladstone	8.4	235.9	175.6	17	19
10	Birtle	16.3	174.4	176.2	16	18
	Rosburn	30.7	196.6	200.0	16	18
	Russell	15.3	184.3	144.1	16	18
11	Dauphin	19.4	183.6	182.5	17	20
12	Arborg	84.1	249.4	167.5	17	19
	Gimli	35.3	254.2	174.9	17	20
13	Swan River	10.2	116.5	158.1	17	18
	The Pas	34.3	111.8	132.7	17	19
14	Grass River	11.7	221.5	174.7	17	19
AVERAGE — MANITOBA — MOYENNE		22.8	205.9	182.4	17.3	19.5
SASKATCHEWAN						
1A	Carlyle	4.1	150.1	163.3	18	19
	Estevan	1.2	134.0	162.1	19	20
	Oxbow	2.5	142.4	150.4	17	18
	Willmar	4.1	122.7	160.8	..	18
1B	Broadview	25.3	210.3	172.6	16	18

Precipitation and Temperature Data, Prairie Provinces(1)

Données sur les précipitations et la température provinces des prairies(1)

Province and crop district — Province et district agricole	Station	Precipitation — Précipitations			Mean temperature week ending 8 a.m. July 4 — Température moyenne semaine se terminant 8 a.m. le 4 juillet	
		Week ending 8 a.m. July 4, 1977 — Semaine se terminant 8 a.m. le 4 juillet 1977	Total since April 1 — Total depuis le 1er avril	Normal since April 1 — Normales depuis le 1er avril	1977 — Normal — Normale	degrees — degrés C.
			mm			

SASKATCHEWAN — Continued — suite

1B	Moosomin	11.7	148.2	178.4	17	19
2A	Yellow Grass	N	155.6	152.8	N	19
	Weyburn	1.0	178.0	160.7	18	18
	Midale	5.1	165.8	160.1	18	19
	Amulet	2.8	160.1	164.0	17	18
2B	Moose Jaw	8.5	150.5	141.1	18	19
	Regina	8.0	149.2	152.8	18	18
	Francis	..	136.1(2)	147.7	..	18
	Indian Head	11.7	174.8	151.6	17	18
3AS	Ormiston	0.5	126.1	144.1	18	19
	Cardross	1.3	156.8	154.7	16	19
	Rock Glen	1.6	125.5	173.0	17	18
3AN	Coderre	8.4	109.2	136.0	17	19
	Chaplin	10.9	139.0	134.6	17	19
3BS	Shaunavon	2.8	89.9	137.0	15	18
	Aneroid	15.0	158.3	125.5	18	19
3BN	Swift Current	8.8	143.7	144.7	16	19
	Pennant	11.2	113.0	142.4	17	19
	Elrose	13.5	175.6	118.7	18	19
4A	Maple Creek	4.3	90.3	130.8	17	19
	Consul	2.3	80.2	111.8	15	18
4B	Leader	3.6	87.9	121.3	17	19
5A	Balcarres	11.4	191.7	138.9	..	18
	Lipton	3.8	158.3(2)	144.8	17	18
	Yorkton	8.6	149.3	139.9	17	18
	Atwater	21.1	181.3	147.2	17	18
5B	Wynyard	1.6	239.8	138.5	17	18
	Foam Lake	5.3	86.1	134.1	17	18
	Kuroki	4.1	102.6	151.2	17	18
	Kamsack, Cote	16.3	141.9	133.1	17	18
6A	Davidson	7.1	185.7	136.5	16	18
	Strasbourg	7.6	137.1	153.9	18	18
	Watrous	..	195.8(2)	152.2	..	19
6B	Harris	2.3	171.2	126.4	17	19
	Outlook	4.3	173.0	120.3	16	20
	Saskatoon	1.0	170.5	118.9	18	19
	Elbow	9.6	136.4	127.4	17	19
	Tugaske	13.2	130.5	146.2	17	19
	Dundurn	tr	127.2	120.7	16	19
7A	Alsask	5.6	103.9	91.7	16	19
	Kindersley	1.4	136.6	110.4	17	19

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. July 4 — Température moyenne semaine se terminant 8 a.m. le 4 juillet	
Province and crop district — Province et district agricole	Station	Week ending 8 a.m. July 4, 1977 — Semaine se terminant 8 a.m. le 4 juillet 1977	Total since April 1 — Total depuis le 1 ^{er} avril	Normal since April 1 — Normales depuis le 1 ^{er} avril	1977	Normal — Normale
					degrees — degrés C.	
SASKATCHEWAN — Concluded — fin						
7A	Rosetown	3.8	126.8	126.9	17	19
7B	Macklin	4.8	154.7	127.3	17	18
	Denzil	..	159.3(2)	132.1	..	18
	Scott	3.3	126.6	127.1	15	18
	Biggar	4.0	161.7	129.0	17	19
8A	Hudson Bay	16.4	130.0	143.7	17	18
	Prairie River	12.2	107.5(2)	148.3	17	18
	Nipawin	8.0	190.8	133.0	16	18
8B	Humboldt	..	139.1(2)	119.0	16	18
	Melfort	3.9	186.3	123.2	17	18
9A	North Battleford	3.0	167.1	121.7	16	19
	Prince Albert	12.4	196.5	125.5	16	18
9B	Meadow Lake	14.9	161.9	160.4	14	17
	Waseca	6.3	193.1	144.1	15	18
AVERAGE — SASKATCHEWAN — MOYENNE		7.0	148.1	139.8	16.8	18.5

ALBERTA

1	Empress	..	72.4	86.7	17	19
	Foremost	4.6	101.0	137.3	16	19
	Manyberries	5.1	89.3	137.3	17	19
	Medicine Hat	1.7	105.7	129.3	16	20
2	Brooks	7.2	139.9	129.0	16	19
	Gleichen	4.3	92.5	162.2	16	18
	Vauxhall	4.1	74.6	130.8	16	19
	Raymond	16.3	70.7(2)	182.3	16	19
	Lethbridge	19.5	85.2	177.4	16	19
	Elnora (Trochu)	5.1	103.7	149.4	..	18
	Queenstown	13.2	102.3	180.1	17	18
3	Calgary	4.0	133.0	177.9	14	17
	Cardston	7.4	94.3	164.5	15	18
	Pincher Creek	10.1	70.4	217.9	15	17
	Fort MacLeod	18.2	78.8	189.5	16	19
	Claresholm	12.4	104.8	188.5	14	18
	High River	10.4	100.8	209.0	13	16
	Olds	15.0	163.9	174.2	13	16
4	Alliance	12.4	192.6	140.3	14	18
	Coronation	11.1	144.8	116.3	15	18
	Hughenden	6.4	239.0	127.6	16	18
	Lloydminster	11.3	254.3	136.1	15	18



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Precipitation and Temperature Data, Prairie Provinces(1)

Données sur les précipitations et la température provinces des prairies(1)

Province and crop district — Province et district agricole	Station	Precipitation — Précipitations			Mean temperature week ending 8 a.m. July 4 — Température moyenne semaine se terminant 8 a.m. 1e 4 juillet	
		Week ending 8 a.m. July 4, 1977 — Semaine se terminant 8 a.m. 1e 4 juillet 1977	Total since April 1 — Total depuis le 1er avril	Normal since April 1 — Normales depuis le 1er avril	1977	Normal — Normale
			mm			degrees — degrés C.
ALBERTA — Concluded — fin						
4	Stettler	3.2	127.4	146.3	16	18
	Vegreville	13.3	177.7	129.8	13	18
	Ranfurly	5.6	201.2	135.2	14	17
	Vermilion	14.1	160.6	128.9	14	17
5	Edmonton	4.9	163.0	149.8	13	18
	Lacombe	11.9	161.1(2)	168.8	13	17
	Red Deer	19.6	154.9	163.8	14	17
	Rocky Mountain House	14.4	242.8	200.7	14	16
	Gwynne	8.1	198.2	161.7	14	17
6	Campsie	13.7	201.8	154.0	13	16
	Edson	11.7	250.2	187.4	12	14
	Elk Point	18.0	210.7	132.7	13	17
	Whitecourt	16.2	257.3	168.5	13	17
7	Beaverlodge	..	107.2(2)	134.1	..	16
	Chipewyan	17.3	89.6	87.2	13	16
	Ft. Vermilion	38.9	175.3	99.4	13	16
	Grande Prairie	26.9	152.7	131.7	14	16
	High Prairie	..	219.5(2)	134.5	..	16
	Peace River	12.9	176.6	101.2	13	16
AVERAGE — ALBERTA — MOYENNE		11.9	148.2	150.2	14.5	17.4

(1) Source: Atmospheric Environment Service. — Service de l'environnement atmosphérique.

(2) Incomplete; not included in average. — Incomplet, non compris dans la moyenne.

.. Figures not available. — Données indisponibles.

N. Nil. — Néant.