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TELEGRAPHIC CROP REPORT - CANADA

This is the fifth of the 1977 series of six telegraphic reports, issued by Statistics Canada covering crop conditions throughout Canada. Included in this report is the ninth 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. - Harvesting of fruit, berries and potatoes has commenced throughout the region. Only average yields can be expected although good quality is reported from some areas. Wet conditions are hampering harvesting of all crops and encouraging diseases in some parts of Nova Scotia and New Brunswick. However, in the Saint John River area of New Brunswick dry conditions are causing concern.

Quebec. - Local frosts in the tobacco growing district of L'Assomption have caused some crop damage. In the eastern and northern parts of the province rain is delaying harvesting operations but sustaining pasture growth. Harvesting is well under way in other areas of the province.

Agriculture Division
Crops Section

4-3102-508

Ontario. - Below normal temperatures and frequent showers have been general throughout the province this month. The winter wheat crop came off in excellent condition and yields were considered to be above average. Harvesting of early-seeded spring grains is nearing completion in most areas with quality being average to excellent. Although most of the corn fields require additional heat units, the crop is presently in very good condition and cobs are forming well. Recent rains have brought soybean crops along rapidly. Plants are well podded and indications point to a very good yield. Prospects are good for the dry bean crop as well, although the harvest is expected to be a few days later than usual. Showers also aided in producing a good second and third cutting of hay and in improving pastures. Frequent rains have interfered with the spring grain and hay harvests.

Prairie Provinces. - Cool, damp weather has delayed harvesting throughout the Prairie Provinces and the quality and yield of some crops is now being adversely affected. Widespread reports of light frost have been received but minimal damage has been indicated. Despite the weather combining is general throughout the region and swathing is about 50 per cent complete. Yield prospects remain very good in Manitoba, slightly above average in most of Saskatchewan, average in northern Alberta, and poor throughout southern Alberta and southwest Saskatchewan.

Precipitation and Temperature Data, Prairie Provinces(1)

	Unweighted Average Precipitation		
	Per cent variation from normal(2)		
	Man.	Sask.	Alta.
April 1, 1977 - August 22, 1977	+ 9	+ 1	+ 4
April 1, 1977 - August 15, 1977	+ 13	+ 5	+ 5
April 1, 1977 - August 8, 1977	+ 18	+ 8	+ 1
April 1, 1976 - August 23, 1976	- 22	+ 12	+ 17
Mean Temperature			
	°C variation from normal(2)		
	Man.	Sask.	Alta.
For the week ending August 22, 1977	- 2.8	- 1.1	+ 1.0
For the week ending August 15, 1977	- 3.6	- 3.8	- 2.0
For the week ending August 8, 1977	- 3.1	- 3.2	- 1.0
For the week ending August 23, 1976	+ 5.0	+ 3.4	+ 1.1

(1) Source: Atmospheric Environment Service.

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

RUST REPORT

Oat stem rust has severely damaged late crops in most of Manitoba and eastern Saskatchewan and yield reductions have occurred. No crop damage has been caused by oat crown rust. Damage caused by leaf and stem rust to wheat has been minimal.

British Columbia. — Since the last report hot and dry weather has prevailed. As a result of these conditions, some loss in yield of vegetable crops is reported from the Fraser Valley and some reduction in forages in parts of the interior on non-irrigated land. However, conditions are now ideal for harvesting of grains and haymaking, particularly in the interior region. In the Peace River Block swathing of grain is under way.

MARITIME PROVINCES

In Prince Edward Island the late potato crop continues to make excellent growth under favourable weather conditions. Harvesting of blueberries for processing has commenced. Good quality and near-average yields have been reported. Seasonable vegetables are being harvested and are in good supply. Peas for freezing and canning are of good quality with average yields reported.

In the Annapolis Valley of Nova Scotia apples are sizing well and showing some colour. Harvesting of early varieties is well under way. Pear harvesting is expected to start towards the end of the month and fruit is showing good growth. Low bush blueberries, sweet cherries and raspberries are in good supply. Early fields of potatoes are being harvested with average yields reported. Vegetables are in good supply and some tomatoes have been harvested. Frequent showers continue to hamper harvesting of all crops, also causing rust and decay in bean fields. In the Truro area early-seeded grain looks good. Some lodging has occurred after heavy rains last week. Haying is about 80 per cent complete in this area. Corn is growing well but is late maturing due to the wet season. Pastures are in good condition.

Due to an excessively wet June the maturity of most crops in New Brunswick has been delayed. Early apple varieties are being harvested. Slight hail damage is reported in some areas. Blueberries are being harvested with yields about 60 per cent of normal. Harvesting of strawberries has been completed with the crop reported being only 40 per cent of normal. Harvesting of sweet corn began last week. The early potato crop has now been harvested with yields also lower than normal. Late blight has occurred in many fields of later potatoes. Early-planted grain is looking good but late plantings are poor. Growth of corn and second crop hay has been slow. Pastures are in poor condition due to lack of rain. Showery weather in the Perth area hindered final haymaking operations and reduced quality. It also slowed ripening of grain and harvesting will not begin for a week or ten days. Yields are only expected to be fair. Some blight is showing in potato fields. Growers are spraying constantly for control.

QUEBEC

Reports from l'Assomption indicate considerable frost damage in localized areas. However, harvesting operations are progressing in spite of adverse weather conditions.

At La Pocatière some producers anticipate a second hay crop from legumes but, in general, growth is slow. Frequent rains, however, have improved pastures. District farmers have started cutting grain crops with good yields expected. Potato yields are also proving good to very good.

In the Normandin district frequent heavy rains are delaying further haying operations, although some 80 per cent of the crop is now harvested. Harvesting of grains and second crop hay is also being delayed by unfavourable weather. A late harvest of alfalfa hay may cause problems with winter survival. Good yields of grain crops are anticipated. Blueberry picking has started with average production and good prices reported. Pasture growth is good and milk production is very good.

ONTARIO

In Essex county of southern Ontario harvesting of an excellent crop of processing tomatoes is in full swing and picking of cucumbers and sweet corn is almost complete. About 50 per cent of the cooking onions and spanish onions are harvested. Muskmelons are a good crop. Rainfall has been adequate. Harvesting of tomatoes in Kent county is 50 per cent completed, yields are excellent and quality good. Corn is denting and soybeans are developing well. Harvesting of early tobacco is under way. Moisture supplies are adequate. Grain harvesting in Middlesex county has been delayed by wet weather and yields are below average. Moisture supplies are adequate. In Norfolk county the corn crop looks generally good and harvesting of oats and barley has been delayed by showery weather. Soybeans look good and some tobacco has been picked. Harvesting of tomatoes and cucumbers is in full swing. In the Niagara area harvesting of peaches is well under way and quality is excellent. Bartlett pears are coming off in quantity despite an early attack of fire blight and sooty blotch which will reduce the overall volume. Early apples are now in good supply.

In Simcoe county of western Ontario early-harvested grain was slightly below average in yield but quality and bushel weight were good. Rain has now delayed harvesting of spring grains and second-crop hay. Some sprouting has occurred in swathed grain. Recent rains have seriously delayed harvesting of grain and second-crop hay in Waterloo county. Rainfall for August is already 40 mm above normal. Corn is making excellent progress.

In Durham county of central Ontario above-average rains have delayed the completion of grain harvesting but at the same time corn has grown rapidly. Early-harvested grain gave good yields and quality. Although some corn is denting, silo filling is still two to three weeks away. Some third-cut hay has been harvested. White mould is causing concern in white beans due to dense foliage and excess moisture. The month of August has been cool and wet in Peterborough county. Yields of winter wheat were very good and the quality was excellent. Spring grains are about two-thirds harvested and yields have been average. Corn looks promising but needs heat.

In Carleton county of eastern Ontario frequent rains have delayed harvesting of spring grains and the last of the second-crop hay. Yields of oats and barley to date have been excellent. After a mediocre first crop of hay the second crop has been equal in yield and in many cases surpassed the first crop. Corn is developing well but needs more heat.

A report from Kapuskasing in northern Ontario indicates that frequent rains have delayed harvesting of cereal crops. Although the grain crops look good, heavy lodging has occurred in some fields. Second crop hay was harvested earlier in the month and yields were average. Potato yields have been good and pastures are in good condition. In the Thunder Bay district the weather has been cold with frequent showers and, as a result, grain harvesting has been delayed. Cattle on community pastures are still in good condition but the pasture is weak and cattle will be removed early next week to allow pasture recovery.

MANITOBA

Late crops are ripening slowly and combining is being delayed under unfavourable weather conditions. Early crops are swathed and all crops harvested to date have yielded above average. Corn, sunflowers, potatoes and pastures are in good condition. Harvesting of rapeseed, mustard, beans and peas is under way. Haying is progressing well with good yields but variable quality is reported.

At Vita in southern Manitoba nearly all crops are swathed and combining is about 60 per cent complete. Barley is yielding above average but quality for malting is reported to be poor. Wheat and oats are yielding only average to below average. Some late buckwheat has been damaged by frost. At Altona more than 55 per cent of the grains have been swathed but small showers are delaying combining. Fall ploughing is now in progress. Oat yields are reported to be poor due to crown rust and potatoes have been sprayed for late blight. Most special crops are in good shape. The harvest of rapeseed, mustard, field peas and beans is progressing. At Morden 90 per cent of the crops have been swathed and about 60 per cent combined. The second cut of forage is below average and pastures are yielding poorly.

Harvesting is well under way at Beausejour and most cereal crops have been swathed. Rain has prevented some combining. Yields are reported to be as follows: barley 40 to 50, wheat 20 to 30, oats 45 and flaxseed 15 to 20 bushels per acre. Stem rust has been reported in some regions but no frost damage has yet been experienced. The quality of second-cut hay has been deteriorating due to showers but fall pastures are looking good. Some fall tillage is now under way. At Selkirk 70 per cent of the cereal crops are now in the swath; however, combining has been hampered by rain during the past week. The second harvest of tame hay is almost complete and a few farmers are expected to cut a third crop. Livestock and pasture conditions remain very good. At Portage la Prairie 75 per cent of the cereal crops have been swathed and yields are reported to be better than previously expected. Wet weather conditions during the past few weeks have delayed combining. Stem rust is seriously affecting the yield of oats. Blackbird damage in oats, corn and sunflowers is serious.

At Brandon in the western part of the province cereals are over 50 per cent swathed but poor drying conditions have limited combining. There is some concern about potential frost damage to immature oilseed and special crops. Second-cut hay and pastures are developing well. Although leaf rust of oats is heavy the grain is well developed and damage is therefore reduced. Weeds are more evident than usual this year.

At Teulon in the southern Interlake District 60 per cent of the acreage has been swathed but only about five per cent combined due to showers during the past week. Yields of barley are above average with better fields in the 70 bushel per acre range. Second-cut hay has been harvested in fair condition and pastures are holding well. At Arborg in the north of the district approximately 13 mm of rain fell last week. Although the wet weather held up the harvest, some combining was done in the latter part of the week and yield reports are very good. Late oat crops are severely infested with stem rust. Oil crops look very good however, no combining has been done as yet. Second crop hay has been cut but very little has been baled. Haying of native marshes and hay sloughs has been delayed due to the rain. Pastures are in excellent condition.

In the west-central section of the province at Neepawa swathing is 50 per cent complete and combining of cereals is 20 per cent complete. Rain showers are continuing to hamper the harvesting operations. Rye yielded 30 to 35 bushels per acre and weights of wheat and barley have been good. Stem rust could become a problem on late-seeded oats. Corn silage operations will begin in another week. At Minnedosa swathing is 50 per cent complete and combining of wheat and barley is under way. Yields are above average with barley weighing about 48 pounds per bushel. There have been reports of scattered hail damage and several reports of light frost damage. Stem rust is occurring in late oats but is not expected to cause severe problems. Harvesting of second-cut alfalfa is in progress and yields are good. At Russell swathing is about 50 per cent complete and some combining has been done. Although yields are average to above average cool, wet weather is delaying ripening and some warm, dry weather is required for most crops to reach maturity. Stem rust has lowered yields on oats. Growth of pastures is slow.

In the northwest region of the province near Dauphin rainy weather is delaying harvesting operations. Swathing is about 50 per cent complete but combining has advanced very little. No sprouting in the swath has been reported as yet. Haying is progressing poorly and the feed quality is declining. At Swan River adverse weather has curtailed harvesting considerably during the past three weeks. Crops are only about 15 per cent harvested and although yields are average or better, quality is only fair to good. Some sprouting has occurred in fall rye. Hay may be in short supply due to the wet conditions. Pastures are holding well.

SASKATCHEWAN

Continuing cool and cloudy weather with light showers has delayed harvesting operations throughout Saskatchewan. Frost has been reported in all areas and was most extensive in crop districts eight and nine earlier this week. Although combining has been hampered by the weather, swathing is over 50 per cent complete. Yields of grain harvested to date appear to be higher than first anticipated. Warm, sunny weather is required in all parts of the province to resume harvesting.

At Shaunavon in the southwest of the province, swathing is 70 per cent complete and combining has only begun. Spring wheat yields are forecast at approximately 18 bushels, durum wheat at 15, oats at 22 and barley at 25. Grades will be about normal for this region. Local showers throughout the week delayed combining. Moderate frost damage is reported in low lying areas. Moderate to heavy sawfly damage is reported. The heavy rains may cause bushel weight reduction. At Swift Current the cool, wet weather has delayed harvesting but swathing is 80 per cent complete. Yields are extremely variable but higher than earlier anticipated with quality and bushel weight very high. Sawfly damage is more severe than usual.

Our correspondent at Drake in the central part of the province reports that the harvest is progressing rapidly, as 60 per cent of the grains have been swathed. Barley yields are good and wheat grades are excellent. The cool weather in August has delayed maturing of late-sown grain and an early frost would do extensive damage. Rust is reported in some late-sown wheat fields. Yields in general appear to be average. Cattle are in good condition but pastures are short. At Craik swathing is 50 per cent complete. Eighty per cent of the barley crop has been combined and average yields reported. One-half of the rapeseed has been swathed and average yields are reported. Some early crops of good quality spring and durum wheat have been combined with approximately 25 bushels per acre reported. Dry, cool weather is slowing the harvest and no sign of frost is reported to date. Heavy wild oat infestations are reported.

In the area around Saskatoon in the central part of the province swathing of cereals and rapeseed is about 75 per cent complete. Combining is 100 per cent complete for rye and 20 per cent for the other grains. There have been no recent reports of insect or storm damage in the area. Temperatures are cooler than normal but no frosts have been indicated. The recent rains have benefited pastures and haylands.

In the west-central part of the province at Rosetown swathing in about 70 per cent complete with about 20 per cent harvested. The wheat crop is of very high grade and yields are above average. A good barley crop is being accepted for malting. The cool weather is preventing some crops from ripening. A light frost on Monday morning was reported but estimates of damage are not available. At Scott continuing cool, dry weather has delayed ripening of all crops and slowed harvesting operations. Only a small amount of combining has been completed to date. Yields are reported to be slightly above average with good quality. Hot, dry weather is now needed to hasten harvesting operations.

At Melfort in the northeast of the province cloudy, cool weather has further delayed the maturing of crops. Cool night temperatures during the past week may have caused some crop damage in low areas. Early-seeded fields that have been combined are yielding below average. A fair second crop of hay is being harvested.

The Saskatchewan Municipal Hail Insurance Association reports storms on August 7, 9, 15 and 16 have caused scattered damage to crops at Aylsham, Arborfield, Shellbrook, Leask, Hatherleigh, Meota, Mervin, Junor and Cutknife.

ALBERTA

Swathing is well under way throughout Alberta, as farmers begin their 1977 harvest. The unique spring seeding conditions are now reflected in harvest operations as all regions report swathing of the spring-seeded grains. Some rapeseed and barley fields are combined yet many other fields that were seeded late still require another two or three weeks of frost-free days to reach maturity. Present weather conditions do not favour any extended frost-free period as temperatures continue below normal for this time of year. Many areas of the province have received frost and although crop damage is assessed as slight yields and grades in low lying areas will be adversely affected. The effects of the drought in southern and eastern parts of the province are now becoming evident as farmers begin combining their crops. Yields are expected to be below the long term average. In other areas of the province crop yields are expected to be below that of recent years but above the long term average.

In southern Alberta widespread rain has provided some relief from the drought conditions. Water supplies are still below normal and pastures remain short. In the Lethbridge area frequent showers and cool temperatures have halted most harvesting operations. Recent precipitation has provided more desirable soil moisture levels for the planting of winter cereals. At Cardston swathing is approximately one-third complete, although very little combining has been done due to the wet weather. Around Claresholm much of the winter wheat has been harvested with better than expected yields. Cool, wet weather has delayed harvesting operations with much of the grain in the swath or ready to be swathed.

In central Alberta swathing operations are under way. Cool, damp weather has slowed harvesting progress throughout the area. Some early-seeded crops of rapeseed and barley have been harvested. In the Lacombe area haying operations are generally complete. With the return of good weather some second-cut hay will be taken off.

In the northern areas frequent showers and cool temperatures have slowed crop development. Harvesting operations have been generally restricted to the swathing of early-seeded spring grains. In the Edmonton area a few fields have been combined with good yields reported. In the Peace River region swathing operations are well under way. At Beaverlodge rapeseed and barley crops are being swathed. The fescue seed harvest is generally complete with variable yields and high dockage reported.

The Alberta Hail and Crop Insurance Corporation reports considerable damage from several recent hail storms. On August 15 an afternoon storm travelled from Claysmore to Paradise Valley and caused substantial damage to many mature crops of barley and rapeseed. In the Peace River region a storm on August 17 originated near Bear Canyon and moved towards Silver Valley. Hail accompanied by strong winds caused moderate damage to crops in the area. On August 18 an isolated storm inflicted considerable damage to crops in the Nampa area. Another storm on August 19 caused heavy damage in the Granum-Pearce area.

BRITISH COLUMBIA

Reports from the Surrey district in the Lower Fraser Valley indicated hot, dry weather for the past three weeks. Irrigated crops are doing well but those not irrigated are suffering. Corn is well into tasselling and is developing rapidly in the heat where moisture is available. Hay and pasture quality is good but the crops are short. Some late spring forage seedings have been lost due to the drought but clover seed prospects are generally good. The grain harvest is under way with above normal yields being obtained. The early potato yields are good but the later crop may be reduced due to the dry weather. At Agassiz the prolonged heat wave has caused drought conditions with adverse effects particularly to onions, lettuce and carrots. Sweet corn yields on the other hand, should be above average and the bean crop has been good with few disease problems. The weather has been excellent for cereal harvesting with average yields reported. Although silage corn is beginning to show moisture stress on light soils, prospects are still good for an average crop. Pastures are being irrigated and second and third cuttings of hay are light following a heavy first crop.

In the Okanagan weather conditions remain extremely dry and hot in all parts of the district. Spring cereals are being harvested in the Okanagan and Creston areas with normal yields reported except for some light soil locations where the grain is small and shrivelly with yields reduced about 25 per cent. The white clover seed crop harvest was completed in early August. Growers are digging mid-season potatoes and the third-cut of hay has been started. Hay supplies are plentiful and the silage corn is growing well with cobs in the milk stage. In the northern part of the Okanagan over 60 per cent of the grain has been harvested with excellent quality but below average yields reported. The second-cut of hay has also been harvested with good yields on irrigated fields but little elsewhere. Irrigated pastures are also good but non-irrigated pastures and rangelands are very dry.

Range forage production is nearly complete in the Thompson, Okanagan and Kootenay regions and total production for the season is expected to be near normal.

At Williams Lake very hot, dry weather has been general for the past three weeks. Lower elevation grasslands are quickly drying out and vegetation is becoming dormant. However, forested rangeland continues to produce excellent livestock forage. Six weeks of hot weather at Prince George has produced a good crop of quality hay in the Cariboo and central interior. The second cut of alfalfa has begun as well

as harvesting of cereal silage. In the Smithers district all the hay is harvested and stored in excellent condition with good quality reported. Grain silage is being harvested and the barley is ripening fast. A light rain ended one month of hot, dry weather and should produce regrowth on hayland. Tame pastures are good but rangelands are drying out.

Near Dawson Creek, in the Peace River Block, farmers are well advanced with swathing barley and some combining of barley and rapeseed is reported. The late-seeded crops, however, will require an additional two or three weeks of frost-free weather. The fescue harvest is nearly completed with seed quality and yield variable. Haying also is nearly finished with good yields and fair quality. Infestations of diamondbacked caterpillars are widespread but have caused little serious damage. A report from Fort St. John indicates that all crops are growing or maturing very well with some early-seeded barley and rapeseed being swathed. Seed growers have almost completed harvesting fescue seed. Late-sown crops are growing well but the risk of frost damage is now high. Early-cut forage crops are showing good regrowth with a good second cut expected. Warm, dry weather is now needed.

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		Precipitation — Précipitations			Mean temperature week ending 8 a.m. August 22 — Température moyenne semaine se terminant 8 a.m. 1e 22 août	
		Week ending 8 a.m. August 22, 1977 — Semaine se terminant 8 a.m. 1e 22 Août, 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	
<u>MANITOBA</u>						
1	Boissevain	1.0	307.5	297.8	15	16
	Pierson	1.3	227.1	260.7	15	16
2	Baldur	6.3	296.4	357.7	14	17
	Pilot Mound	1.4	309.3	341.4	14	16
3	Altona	5.1	342.8	279.0	14	17
	Deerwood	3.3	288.2	324.6	16	18
	Graysville	2.5	339.5	290.6	14	17
	Morden	4.8	314.8	303.5	15	18
	Morris	0.8	349.0	290.0	14	18
	Plum Coulee	15.0	324.1	301.1	15	18
	Portage la Prairie	8.6	313.0	323.3	14	17
	Roland	N	257.1	273.3	14	17
4	Stoney Mountain	5.6	338.5	334.6	12	17
5	Emerson	17.3	345.7	305.7	15	17
	Steinbach	15.5	308.4	319.9	14	17
	Winnipeg	5.8	403.7	305.9	14	17
	Starbuck	10.9	409.7	326.1	13	17
6	Pinawa	9.9	383.3	297.5	13	17
	Sprague	8.6	244.2	337.1	13	17
7	Virden	2.3	254.0	287.7	15	17
8	Brandon	tr	334.1	265.0	13	16
	Cypress River	2.3	287.9	286.9	13	17
9	Gladstone	4.1	376.9	297.0	14	17
10	Birtle	1.3	274.7	297.2	13	16
	Rosburn	0.5	270.3	328.9	13	16
	Russell	1.3	355.6	240.3	13	15
11	Dauphin	12.9	412.1	290.0	14	16
12	Arborg	13.0	390.4	270.1	13	16
	Gimli	14.8	377.8	294.2	13	16
13	Swan River	9.9	302.4	265.9	14	16
	The Pas	11.5	313.6	238.2	13	14
14	Grass River	5.8	298.8	281.8	14	16
AVERAGE — MANITOBA — MOYENNE		6.4	323.5	297.3	13.8	16.6
<u>SASKATCHEWAN</u>						
1A	Carlyle	N	216.6	266.7	14	16
	Estevan	5.4	176.6	252.6	16	18
	Oxbow	tr	202.3	242.8	15	16
	Willmar	N	157.9	257.9	..	16
1B	Broadview	1.1	295.9	273.2	13	15
	Moosomin	1.0	252.8	294.3	14	16

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		Precipitation — Précipitations			Mean temperature week ending 8 a.m.	
Province and crop district — Province et district agricole	Station	Week ending 8 a.m. August 22, 1977 — Semaine se terminant 8 a.m. 1e 22 août, 1977	Total since April 1 — Total depuis le 1er avril	Normal since April 1 — Normales depuis le 1er avril	August 22 — Température moyenne semaine se terminant 8 a.m. 1e 22 août Normal — Normale	
					1977	degrees — degrés C
SASKATCHEWAN — Continued — suite						
2A	Yellow Grass	1.8	258.9	241.1	15	16
	Weyburn	0.3	294.6	239.9	13	16
	Midale	0.5	190.8	253.7	16	17
	Amulet	7.1	276.5(2)	241.3	16	16
2B	Moose Jaw	1.0	263.6	219.0	16	17
	Regina	0.2	236.2	239.8	15	16
	Francis	..	140.4(2)	241.2	..	16
	Indian Head	tr	239.1	238.2	14	16
3AS	Ormiston	8.4	224.1	222.9	16	16
	Cardross	8.4	268.3	233.3	17	16
	Rock Glen	6.8	209.9	246.4	15	16
3AN	Coderre	3.8	262.7	210.6	15	17
	Chaplin	1.3	206.1	217.4	16	15
3BS	Shaunavon	10.7	159.8	210.7	15	16
	Aneroid	4.6	218.8	190.4	16	16
3BN	Swift Current	9.4	242.2	224.0	15	16
	Pennant	4.8	201.4	210.4	15	14
	Elrose	3.0	265.7	188.4	16	16
4A	Maple Creek	5.1	163.9	195.0	17	17
	Consul	5.1	117.0	172.1	15	14
4B	Leader	11.4	149.1	191.6	16	17
5A	Balcarres	..	237.7(2)	230.8	..	16
	Lipton	0.8	225.7	238.6	14	16
	Yorkton	tr	217.8	238.6	14	16
	Atwater	6.3	322.7	239.4	16	16
5B	Wynyard	0.6	205.5	229.9	14	16
	Foam Lake	N	126.9(2)	220.9	11	15
	Kuroki	0.3	157.0	249.9	13	14
	Kamsack, Cote	3.1	280.2	224.8	13	16
6A	Davidson	N	265.2	214.9	14	16
	Strasbourg	0.5	229.5	240.5	16	16
	Watrous	..	306.9(2)	231.7	..	16
6B	Harris	1.8	195.3(2)	195.5	15	16
	Outlook	1.6	221.0	192.1	15	16
	Saskatoon	0.4	225.5	179.1	14	16
	Elbow	2.8	193.2	192.6	16	16
	Tugaske	0.4	193.0	225.1	14	16
	Dundurn	1.0	168.3	202.7	12	16
7A	Alsask	9.1	141.0	161.7	15	16
	Kindersley	8.8	192.0	179.4	16	16
	Rosetown	0.5	214.2	209.3	15	16

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Province and crop district — Province et district agricole	Station	Week ending 8 a.m. August 22, 1977 — Semaine se terminant 8 a.m. le 22 août, 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						
7B	Macklin	3.4	207.7	224.9	15	14
	Denzil	2.0	236.8	221.5	14	14
	Scott	1.0	168.0	215.9	13	14
	Biggar	4.1	213.2	214.4	15	16
8A	Hudson Bay	7.8	283.1	249.4	13	14
	Prairie River	12.4	254.3	249.8	12	14
	Nipawin	12.8	317.7	227.1	13	14
8B	Humboldt	3.6	227.2	201.2	14	15
	Melfort	6.1	286.2	208.9	13	14
9A	North Battleford	3.6	223.6	213.2	14	15
	Prince Albert	10.1	300.2	218.3	13	14
9B	Meadow Lake	9.2	280.2	281.0	13	13
	Waseca	2.8	274.2	255.3	13	14
AVERAGE — SASKATCHEWAN — MOYENNE		3.8	227.8	224.9	14.5	15.6
ALBERTA						
1	Empress	15.7	121.3	141.0	17	16
	Foremost	18.8	151.5	193.2	18	17
	Manyberries	27.9	149.2	188.3	18	17
	Medicine Hat	2.4	165.8	192.8	18	17
2	Brooks	6.6	219.9	204.2	17	16
	Gleichen	25.4	190.9	246.4	16	15
	Vauxhall	1.5	98.4	190.8	17	16
	Raymond	18.0	127.3	251.8	17	16
	Lethbridge	32.8	169.1	248.2	17	16
	Elnora	22.1	188.7	250.4	..	14
	Queenstown	1.3	172.7	261.6	16	15
3	Calgary	26.2	276.9	277.7	15	14
	Cardston	29.4	201.3	224.3	17	16
	Pincher Creek	23.6	177.1	285.7	17	15
	Fort MacLeod	19.3	179.9	259.5	17	17
	Claresholm	22.2	173.0	261.5	15	17
	High River	15.0	237.2	297.2	14	14
	Olds	13.5	268.0	290.6	14	13
4	Alliance	15.7	262.0	248.8	16	14
	Coronation	15.6	202.9	210.2	15	14
	Hughenden	3.8	282.3	231.6	14	14
	Lloydminster	10.2	376.4	248.5	14	14
	Stettler	9.2	212.7	255.8	15	14



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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. August 22 — Température moyenne semaine se terminant 8 a.m. 1e 22 août	
Province and crop district — Province et district agricole	Station	Week ending 8 a.m. August 22, 1977 — Semaine se terminant 8 a.m. 1e 22 août 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	Vegreville	15.3	318.9	254.1	14	14
	Ranfurly	4.8	278.3(2)	254.2	15	14
	Vermilion	2.2	268.4	238.4	15	13
5	Edmonton	14.4	296.8	279.3	14	14
	Lacombe	4.6	210.9	281.0	14	14
	Red Deer	12.8	311.9	276.5	15	14
	Rocky Mountain House	13.2	439.9	333.1	15	13
	Gwynne	15.7	313.0	283.1	14	14
6	Campsie	1.3	274.7	272.7	14	13
	Edson	28.0	463.5	329.3	13	13
	Elk Point	5.1	368.5	242.8	13	13
	Whitecourt	8.1	471.7	234.1	15	13
	Beaverlodge	2.5	268.8	230.1	16	13
7	Chipewyan	3.6	206.8	153.4	12	13
	Ft. Vermilion	1.5	226.5	184.1	15	13
	Grande Prairie	2.0	306.3	221.4	17	13
	High Prairie	..	219.5(2)	234.9	..	13
	Peace River	8.4	242.8	181.9	15	13
AVERAGE — ALBERTA — MOYENNE		12.7	251.1	242.5	15.4	14.4

(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.

tr trace.