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## TELEGRAPHIC CROP REPORT - CANADA

This is the fifth of the 1966 series of six telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the tenth 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 Meteorological Division, Department of Transport.

### S U M M A R Y

Maritime Provinces In Prince Edward Island dry weather has had an adverse effect on pastures. Some cutting of grains with binders has been done with a few fields combined. Grain yields appear fairly satisfactory. Most potato fields look well but moisture is needed for late plantings. In Cape Breton regular rainfalls have been reported and pasture and grain crops appear to be good. In all other sections of Nova Scotia dry weather has resulted in poor pasture conditions. A good hay crop was reported in all areas of the province and the grain harvest has started in some districts on the mainland with fairly good yields reported. In central Nova Scotia the blueberry crop is expected to be below average this year due to a lack of moisture and in the Annapolis Valley the apple crop has not yet been seriously affected, but rain is needed soon. In New Brunswick most crops appear satisfactory due to sufficient moisture. The potato crop looks very promising and some grain has been harvested with normal yields reported. A good hay crop was reported with pastures holding up well. Vegetables are of high quality and are in abundance on the market. Apples are sizing well with a normal crop expected, but the blueberries are off slightly.

Quebec Throughout Quebec the weather has been wet with normal temperatures. Moisture reserves, however, are variable. To the north of Montreal soils are drying slowly as a result of frequent rains. Farmers have practically finished haymaking in most districts with variable quality and yields reported. Grain harvesting is under way in the southern counties, but has not yet started in the northwest and the east. Yields are about as expected and in some districts fall work has been started. Pastures and haylands are extremely variable in different districts. About 85 per cent of the early potato crop has been dug with good yields reported; the late crop is quite promising but there is a threat of blight. Vegetables generally appear good. Summer apple picking has been started with satisfactory yields obtained. Reports indicate that fodder corn, sugar beets and flax are all promising at this date. Livestock are doing well with milk production generally good to excellent.

Prepared in the Crops Section, Agriculture Division

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Ontario Rain in all parts of Ontario has brought relief to the drought-stricken areas. Harvesting of a record yield of good quality wheat has been completed under near-ideal conditions. In most areas the rain was too late to help late-sown spring grains, and as a result straw will be short and yields will vary between below average and average. Harvesting of an above average hay crop has progressed favourably and cutting of the second growth is now under way. Recent rains have helped dry beans, soybeans, and pastures and these crops are now progressing favourably. Corn shows great variation from field to field, but rain has been beneficial and if favourable weather continues average yields are anticipated. Sugar beets are in excellent condition and prospects for this crop are good. Harvesting of tobacco is progressing.

Prairie Provinces Harvesting has commenced in the Prairie Provinces but progress has been slow due to cool, wet weather. About one-quarter of the crop has been swathed to date and relatively small amounts threshed. Up to two weeks of warm, dry weather is required to bring late-sown crops to maturity. Crop prospects remain generally favourable.

#### RUST REPORT FOR THE PRAIRIE PROVINCES

The Canada Department of Agriculture Research Station in Winnipeg reports that leaf rust on wheat is the only cereal rust that has developed sufficiently to cause losses in Manitoba and Saskatchewan. Although the rust developed too late to cause serious losses, yields will be somewhat depressed in late fields, particularly in Thatcher wheat. No losses are anticipated this year from stem rust of wheat or from the oat rust.

British Columbia Near normal August temperatures following unseasonably cool July weather have resulted in noticeable improvements in the general crop situation in all parts of British Columbia. Reports from Vancouver Island indicate that harvesting of an average loganberry crop is now complete. In the Lower Fraser Valley the raspberry crop, with harvest operations also completed, is reported equal to 1965 volume although it is below earlier estimates. Harvesting of late-seeded processing peas has reflected a marked superiority in both yield and quality over earlier seedings. Harvesting of table corn is now under way while canning varieties are making good progress despite a slow start. The Okanagan reports harvesting of apricots as complete. Early peaches and Bartlett pears are now past their peak with some small sizing reported. Early prunes are about average in yield but quality is reported as good. McIntosh and Delicious apples continue to show promise, but Winesaps and Spartans will be below earlier expectations. The Peace River Block reports grain crops as now reaching maturity. Growth has, however, been slow and good weather will be required if average yield and quality are to be obtained.

#### MARITIME PROVINCES

In Prince Edward Island the weather has been generally dry since the last report although there has been some rainfall during the past week. Grain is ripening fast and harvesting operations will soon be under way. The potato crop appears to be good and to date no late blight has been reported. Pastures are fair but more moisture is needed for good growth. In general most crops are doing well. Good yields are expected from the grain crop and corn for fodder and silage is making excellent growth with above-average yields anticipated.



The Cape Breton area of Nova Scotia reports an excellent hay crop with harvesting completed in most areas. Good growth of aftermath and fairly good pasture conditions are reported due to regular rainfalls in the area. The grain crops look good with no harvesting being done as yet. In the Antigonish area one of the largest and best quality hay crops has been harvested. The harvesting of grain should commence about August 25 with good stands of barley reported. The prolonged dry spell in July and August has affected pastures but recent rains have somewhat relieved the situation. Satisfactory yields of vegetables are expected with very good quality. In central Nova Scotia the grain harvest has started with fairly good yields in prospect. Weather has been dry here also and pastures are in poor condition. The barley crop appears to be turning out very well and corn is promising despite the dry weather. The blueberry crop is expected to be below average mainly due to poor moisture conditions. At Truro it is reported that the early potato crop is on the light side, however, the later potatoes appear to be better than average. In the Annapolis Valley dry weather has not yet seriously affected crop production but without rain in the near future the apple crop may be expected to deteriorate. Good yields are reported from grain crops and the tobacco crop looks good with harvesting just under way. Pastures are drying up rapidly and most farmers are supplementing with corn and earlier cut hay. Irrigation has been used extensively for tobacco, vegetables, potatoes and orchards. Early potatoes are doing better than last year but still below average and the prospects for late potatoes are also below average.

In New Brunswick crops continue to be satisfactory throughout most of the province due to sufficient moisture from showers. The potato crop is very promising with good yields obtained from early varieties. There have been some reports of over-sized tubers and light set. Grain is maturing rapidly and some harvesting has been done with about normal yields being reported. Some farmers are still haying and the overall crop is good. Aftermath is growing well and pastures are holding up. The corn crop appears promising and a good tobacco crop harvest is under way. Vegetables are in abundance and high quality is reported. Apples are sizing well with the yield expectation equal to last year. The blueberry crop is off slightly with harvesting well under way. Moisture in the soil is at a low level and rain is required so that good aftermath growth and good pasture conditions will continue. From Perth it is reported that haying operations are complete and the grain harvest is beginning with an average crop in prospect. Potatoes are being killed down in preparation for harvest. Some early varieties have been harvested and the digging of the later crop is expected to begin in about three weeks' time.

#### QUEBEC

Abundant rainfall during August has benefited most crops in the L'Assomption area. Cereal harvesting is progressing very well and half of the tobacco crop has been picked. Growers have completed picking raspberries. At St. Jean, mean temperatures during the past three weeks averaged 65.9 degrees, slightly below normal and precipitation for the same period reached 4.25 inches. All crops and pastures are in excellent condition.

Reports from Lennoxville indicate a very good hay crop but cutting was generally too late so that quality is only medium. Grain crops are good with harvesting started this week. Corn is the best in many years and pastures are good. At Ste Anne de la Pocatiere three inches of rain during the first three weeks of August helped pastures and second-growth hay. Farmers have cut 20 per cent of the barley and 10 per cent of the oats with normal yields reported on heavy soils and lower than average yields on light soils. Haymaking is finished with normal yields and good quality obtained. The potato crop is promising and forage corn is very good. Turnips are affected by cabbage butterfly. Normal yields of apples and honey are reported.

At Lac St Jean a total of 4.2 inches of rain fell during the past twenty days, which materially helped all crops. The grain is rather short but a good yield is expected. Pastures are very good and milk production is still at a high level. Potatoes are promising. Blueberry picking is going well with good yields so far in most areas. Prices are firm. Reports from Caplan indicate about normal temperatures but heavy rain. As a result lodging has occurred in cereals and it has not been possible to finish haymaking with about 20 per cent of the crop still to be harvested. Yields, however, are good. Farmers are cutting the aftermath on early harvested legume fields for silage. Harvesting of early oat varieties has just started with good yields in prospect. Potato digging has been under way for some time with a good crop anticipated. No late blight is reported from this area. Pastures are in good condition and milk production is being maintained.

#### ONTARIO

In Essex county of Southern Ontario winter wheat has yielded exceptionally well but there has been some damage from sprouting. Yields of oats have only been fair. Corn and soybeans are making excellent growth. Hay and pastures are in good condition but heavy rains have hampered harvesting. Processing tomatoes which were damaged earlier by flooding are ripening slowly. Harvesting of this crop is now in progress but yields are reduced. Yields of sweet corn for processing are good. Harvesting of vegetables, peaches and tobacco is in full swing. A report from Pelee Island indicates that corn and soybeans are making excellent growth except in low-lying fields which have suffered damage from six inches of rain in the past month.

An excellent crop of winter wheat has been harvested in Kent County with yields much above average and quality excellent. Corn and soybeans have made excellent growth and yield prospects for these crops look very good. Harvesting of burley tobacco is under way and yields are promising. Moisture conditions are reported to be excellent. Harvesting of tomatoes has been delayed due to cool weather. White beans have made excellent growth and yield prospects are above average. The outlook for the sugar beet crop looks very good. A report from the entomological laboratory at Chatham indicates that sap beetles are a problem in both sweet corn and tomatoes.

In Middlesex county moisture supplies are now adequate and damp weather is continuing. Harvesting of spring grains has been delayed due to the wet weather but growth of other crops, particularly corn, has benefited greatly. Timely rains in Norfolk county have improved most crops. Harvesting of tobacco is in full swing and yields appear to be very good. Winter wheat was a record crop and although oats is on short straw both yield and quality of this crop are average. Harvesting is nearly completed. Although corn suffered from earlier drought conditions which left most fields uneven, yields are still expected to be about average. First-cut hay was a heavy crop but second growth is short and light. Pastures are improving. Pickling cucumbers are good and picking of processing tomatoes is under way with yields average and quality good.

In Lincoln county picking of Red Haven and Jubilee peaches is underway. More rain is required despite recent showers. Many cherry trees on marginal soil are dying. Disease and insects appear to be generally under control although red mites are still abundant in some orchards.

In Simcoe county harvesting of spring grains is nearing completion but operations have been delayed due to recurring rains. It is estimated that about 10 per cent of the crop is standing and about 25 per cent remains to be threshed or combined. Yields are about seventy-five per cent of normal. Two inches of rain which fell during the past three weeks have improved second-crop hay, pastures, corn and potatoes. The corn crop shows great variability and yields are expected to be about 80 per cent of normal. The most serious effect of the six-week drought was the loss of about half of the new seeding and many farmers are now trying direct seeding under adequate soil moisture conditions. Recent rains in Bruce county have revived pastures which had remained virtually dormant for the past month. Harvesting of grain crops is about two-thirds completed with yields averaging about 60 per cent of normal. Corn is spotty and this crop is also expected to yield about 60 per cent of average.

Recent rains have greatly improved crop conditions in Waterloo county. Fall wheat yields are about average but spring grains are below average. Pastures and second-growth hay have been poor and corn yields will also be below average due to the July drought. Ploughing and cultivation for fall wheat are now under way. Two inches of rain during August have relieved drought conditions in Halton county. About 80 per cent of the grain crops is harvested and average yields are reported. Quality of late-sown grains, however, is poor. The corn crop is considerably below normal with some fields a complete failure. There is very little second growth hay. Pastures are in fair condition but improving. Size of both apples and vegetables will be smaller than usual.

In Ontario county, in the central part of the province all crops need rain. Good progress is being made with harvesting. Recent rains in Durham county have been helpful to pastures, corn and potatoes but more rain is needed. Yields of spring grains have been disappointing. Some fields of corn are so poor that they have been turned over to pasture. The tobacco crop will need a later than usual frost free period in order to obtain maximum yields. In Peterborough county all crops have suffered from lack of moisture. A general rain on August 22 will, however, be of some help to pastures and corn. Harvesting of spring grains is about two-thirds completed with yields reported to be average to below average. Silage corn indicates an average crop.



Frequent showers have interrupted harvesting in Leeds County of Eastern Ontario. Spring grains ripened earlier than usual and the straw is short and yields lower than average. Pastures and meadows are recovering favourably. There has been very little cutting of second-growth hay. In Carleton county harvesting operations have been hampered by showery weather. About 50 per cent of the spring grains have been harvested with yields and quality reported as fair to good. Corn, pastures and second-growth hay are developing well due to adequate soil moisture.

In Renfrew county three inches of rain since August 1 have provided moisture but delayed harvesting operations. Corn and pastures are in above-average condition. Spring grains are yielding about average but the quality is reported to be below average. Tobacco priming started on August 8 and the crop looks excellent.

A report from Kapuskasing indicates that rain occurred in that area during the first ten days of August. However, good harvesting weather since then has permitted harvesting of grain crops. Early barley matured about August 18. Haying operations have been completed. Pasture growth is slow. In the Thunder Bay District most farmers have harvested an adequate supply of good quality hay while others have taken off a surplus crop. Early-seeded spring grains have been harvested and yields are reported as light. August showers have benefited later grain, pastures, potatoes and vegetables. In general yields for most crops appear to be about 75 per cent of normal.

#### MANITOBA

One-third of the cereals are in swath in Manitoba and about 10 per cent has been combined with most progress in the south. Yield and quality are better than expected with wheat yielding 20 to 30 bushels and barley 25 to 45. Prospects for late seeded crops are even better because of favourable moisture conditions. Intermittent showers and cool weather interrupted harvesting at the end of last week, but it should be general this week. Special crops are doing well. Grass seed yields are average or better, and a good second hay crop is expected.

Swathing commenced about two weeks ago at Vita in the southeastern part of the province. Intermittent rain held up operations, with 1.39 inches falling last week. Harvesting should be in full operation again by the end of this week. Considerable acreage is in various stages of maturity, and three to four weeks of good weather will be required to harvest all the crop. Week-end showers have brought harvesting to a standstill at Altona, and heavy morning dews are slowing progress. Cereals are 50 per cent swathed and 25 per cent combined. About 75 per cent of the harvested fields has been cultivated. Sunflowers are promising, but some verticillium wilt is present. Peas are quite weedy, with some moulding occurring. Early rape and flax will be cut by the week-end, and sugar beets are an exceptionally good crop. At Morden combining has begun on early-seeded wheat and oats, while swathing is quite general. Sweet corn has been badly damaged by the European corn borer. Sunflowers and field corn are good, and the potato crop is being harvested. Given dry weather, harvesting should be general next week.

In the Pilot Mount district, late rains have delayed harvest operations. Early returns indicate very variable wheat yields from 15 to 28 bushels and to 38 bushels on summerfallow, with bushel weights 58 to 61 and grade 3 northern with some number two. Conquest barley is yielding 30 to 45 with bushel weight around 47 pounds. There are considerable small kernels in most early harvested samples. The percentage harvested at Melita in the southwest part of the province is rye 90, barley 80, wheat and oats 10. Rain on the week end has stopped operations, and two or three days of dry weather will be required before harvesting can continue. Yields are good in the south half of the district but only fair in the north.

In the Winnipeg area at Beauséjour harvesting is expected to become general by the end of this week. Average yields are being reported, and late-seeded crops are indicating a good potential. Warm weather is required to hasten maturity. Haying operations have just been completed, and there is a surplus of hay available. At Selkirk swathings of small grains started on August 12, and a few farmers have combined early fields of oats and wheat. Harvesting should be general by August 29. There is a considerable spread in the harvesting period this year, as some fields of oats and wheat are still quite green. A few farmers have harvested early potatoes.

The Experimental Farm at Brandon reports that showery weather for the past two weeks has interfered with harvest, but has been of benefit to hay and pasture lands. Considerable swathings have been done, and operations should soon be completed with the return of warm, dry weather. The swaths already down are drying slowly. Wheat yields appear to be average, and the sample surprisingly good in view of the dry conditions that prevailed earlier in the season.

Harvesting of cereal grains will be general this week at Teulon. A few farmers have harvested early fields and yields are average. Timothy harvesting is nearly completed, and the second crop of hay is also nearly all in. Pastures are good. In the Arborg district 60 per cent of the timothy crop has been combined with yields of about 400 pounds per acre. Damp weather has held up swathings and combining of grains. Some cereals have been combined but no yield data are available yet. The sample, however, is fair to good.

In the west-central part of the province at Neepawa intermittent showers have delayed harvesting operations, but approximately 25 per cent has been swathed and 5 per cent combined. Heavy winds on August 17 helped dry crops but caused some shelling. At Minnedosa rain in the past three days has brought swathings of all grains to a halt. There has been no combining to date, but it should be general by the end of the week given warm, dry weather. Excellent yields of barley and wheat are anticipated, but only average yields for flax and rapeseed. Hail damage varying from 10 to 100 per cent in a strip two to three by 20 miles has occurred at Russell.

In northern Manitoba at Dauphin the weather has been very unsettled with heavy rains doing some damage. Harvesting will not be general until next week. A good average crop is in prospect, but it is very weedy, especially with wild oats. The hay crop has been taken off and pastures are good. Dry, sunny weather is now needed.

The unweighted average precipitation for the province since April 1 has been 7 per cent above normal compared with 6 per cent above normal a week ago, 9 per cent above normal two weeks ago, and 12 per cent above normal for the same time a year ago. Mean temperature for the week ending August 22 was 3.9 degrees below normal, as compared with 5.5 degrees below normal a week ago, 0.4 degree above normal two weeks ago, and 2.8 degrees below normal for the week ending August 23, 1965.

#### SASKATCHEWAN

Wet conditions in Saskatchewan have halted harvesting and slowed maturity and ripening of late crops. Wheat swathing is under way in southern areas and is most advanced in the south-central region where 50 per cent is swathed. On a provincial basis some 25 per cent of the wheat and coarse grains has been cut but less than 10 per cent has been threshed. Warm, dry weather is urgently needed to hasten maturity and ripening of crops in central and northern districts and also to dry swathed grain.

The Experimental Farm at Indian Head in the southeast part of the province indicates that over two inches of rain during the past week have seriously delayed harvesting operations. It will require two to three good drying days before swathing can get under way again and combining will not commence before the week end. Combining completed to date has indicated yields of up to 30 bushels per acre with the grade being No. 2 Northern. Many fields are late and will require another week of good weather before swathing. There is rust present in the area but it should not affect the crop adversely at this stage. There have been some serious hail storms in some areas during the past two weeks but the acreage covered was not extensive. Recent rains have revived pastures and cattle are in good condition. Rains will also promote additional growth on summerfallow fields which will require another cultivation.

Some 90 per cent of the swathing has been completed in the Big Beaver district of south-central Saskatchewan and 25 per cent of the combining has been done. Wheat has good weight and colour. Some 1.8 inches of rain were received on Saturday which may lower the bushel weight of wheat and it will take four days of good drying weather before the harvest can recommence. Wheat has been averaging some 17 bushels per acre. The harvest was also halted late last week by heavy rainfall around Gravelbourg. This has soaked the swaths and it will take at least five or six days of drying weather before operations can begin again. Only 10 per cent of the harvest has been completed. Yields have been average and wheat is of good quality.

The Experimental Farm at Swift Current in the southwestern part of the province reports that an inch of rain over the week end has delayed harvesting operations. Swathing of wheat was general on the lighter soils and in the drier parts of the area last week and should be general throughout the district later this week. Wheat combined to date indicates that yields will be higher than last year, and the sample is very good. Harvesting of coarse grains is general and yields are well above average. From two to four inches of rain August 19 to 21 caused some lodging of crops at Eastend. Swathing will be general when crops are dry enough. Wheat yields in the district are expected to range between 20 and 40 bushels per acre. Pastures and livestock are good.



In the Melville district of east-central Saskatchewan crops are good and swathing is getting under way. The hay harvest has been slow due to rain but pasture lands are in good condition. Rainfall in the district at some 8.07 inches this season is about equal to the long-term average. At Togo the wet, cold weather has delayed the ripening of crops and prevented harvesting operations. Very little swathing has been done. Dry, warm weather is needed to hasten maturity. Leaf rust is very prevalent. Haying has been completed and pastures are good. All crops are well filled at Sturgis and some rapeseed, oats and barley have been swathed. Fall rye has also been swathed but no combining has been done as yet. It is expected combining will be general about September 12. Haying is still in progress but being delayed by showers. Pastures are good.

At Saskatoon in the central part of the province most barley fields are ripening and swathing of this crop is in progress. Swathing of early rape and mustard fields has also been in progress for at least a week. Early-wheat on light lands and occasional wheat fields elsewhere are ready for swathing. Almost an inch of rain has delayed the harvest at Craik but operations will resume when the weather warms up. Fall rye and some barley fields have been combined. Rye yielded some 25 bushels per acre and barley about 48 bushels. Very small amounts of wheat have been harvested but yields are expected to be about 22 bushels. There has been some sawfly damage in these fields. Continuous cloudy weather and stem rust have delayed maturity at Drake and, as a result, the straw is breaking down. Swathing is general this week and most rye is still in the swath. A small amount of barley has been combined. Cattle remain in good condition.

At Rosetown in the west-central part of the province most barley fields are being swathed and a few have been harvested. The majority of the wheat fields are on the green side yet but, weather permitting, swathing should be general in from five to eight days. Wheat should average 30 bushels per acre. Most summerfallows are black. The Experimental Farm at Scott reports that swathing of rape, barley and oats is commencing and some rape has been threshed. Fair yields of rape and good to excellent yields of wheat, barley and oats are indicated. Soil moisture is adequate in most localities to mature earlier crops. There is considerable scald and blotch on barley but this is expected to have only a slight effect on yields. However, the increasing amount of leaf rust and aphids could reduce yields of late wheat crops. Moderate glume blotch on wheat is noted and there is some red ergot on cereals in some areas. Warm, sunny weather is needed to hasten maturity and allow the hay harvest to be completed.

The Experimental Farm at Melfort in the northeast part of the province indicates that the cold, damp weather has slowed ripening of crops. A few fields of early barley and rape have been swathed and a large acreage is nearly matured. Wheat will not be ready for approximately 10 days. Isolated reports of light frost damage have been received. There is a heavy infestation of leaf rust which is general throughout the district and this may reduce yields slightly. A period of hot, dry weather is imperative if the heavy crop is to escape frost damage.

At Meota in the northwest some harvesting has been done and this operation should be general during the week of August 29. Crops are good but not much above the long-time average for this area. Leaf rust is quite prominent in late crops. Summerfallows are green and will likely be worked before the harvest.

The Saskatchewan Municipal Hail Insurance Association reports the following hail storms: August 14, Bienfait, Huntoon; August 15, Southey, Edgeley, Indian Head, Montmartre, Glenavon, Imperial, Govan, Hanley, Abernethy, Neudorf, Melville, Yorkton; August 16, Arelee, Borden, Langham, Laura, Donavon, Strongfield, Bladworth, Pleasantdale, McKague. The Canadian Hail Underwriters' Association reports the following storms: August 14, Candiac and Bienfait areas; August 15, Hanley area, Imperial to Duval, Southey to Indian Head to Peebles, Abernethy to Killaly, Fonehill to Yorkton to Kessock, Langenburg area; August 16, Sonningdale to Henty, Alvena area, Lake Lenore to Pleasantdale, MacRorie to Bladworth, Tessier to Donavon.

The unweighted average precipitation for the province since April 1 has been 12 per cent above normal compared with 6 per cent above normal a week ago, 10 per cent above normal two weeks ago, and 20 per cent above normal a year ago. Mean temperature for the week ending August 22 was 5.2 degrees below normal compared with 4.0 degrees below normal a week ago, 0.1 degree above normal two weeks ago, and 0.9 degree above normal for the week ending August 23, 1965.

#### ALBERTA

Crop prospects are generally good in Alberta, but cool wet weather during the past two weeks has delayed crop maturity. The rain, however, has been helpful in those areas where moisture was inadequate earlier in the season. Haying has been delayed as a result of the wet weather and some of the hay is beginning to deteriorate after being in the field for three to four weeks. Very little grain harvesting has been done except in the south-east where swathing of grain and mustard crops is now general. Brome grass and Fescue are being harvested in the Peace River. In most regions harvesting will not become general until the last week in August to the first week in September.

In southeastern Alberta around Manyberries heavy rains last Friday and Saturday held up harvesting until mid-week. Harvesting progress percentagewise indicates wheat swathed 20, threshed 5 and yields up to 30 bushels. Comparative figures for barley swathed 70, threshed 30 and yields up to 40 bushels. For oats 10 swathed, zero threshed and yield prospects of 50 bushels per acre, and for flax zero swathed, zero threshed but yield prospects run to 20 bushels. Harvesting of rye has been completed with yields averaging 20 bushels per acre.

In the southwest around Lethbridge the winter wheat and fall rye harvest is nearing completion. Harvesting of spring wheat and barley is 60 per cent completed east of Taber. Yields and quality are reported excellent. The sweet corn and green bean harvest is under way and sugar beets are progressing well. The second hay cut has started. Around Cardston all harvesting operations have come to a halt due to excessive moisture. Winter wheat is yielding from 20 to 56 bushels per acre with good grades being achieved. All other crops and pastures are in good condition. Swathing of spring wheat should be general by August 30. Around Claresholm rye and winter wheat have been all swathed and 50 per cent threshed with the yields being very good. However, swathing of spring grains will not be general until the end of the month. Some barley has been threshed and yields up to 70 bushels have been taken. Fall-sown crops will benefit greatly from the two and one-half inches of rain received last week end.



In the south-central part of the province around Brooks one and one-half inches of rain over the district has delayed the harvest. However, crops are very good with 60 per cent of the barley in the swath and 25 per cent already threshed. Some wheat, oats and mustard have been swathed. The harvest of rye is completed with an estimated average yield of 30 bushels per acre. Peas for seed are now 55 per cent threshed and yields up to 3,000 pounds per acre have been reported. Some excellent fields of flax also await harvesting. Very light frost was reported in some areas on the night of August 22. At Vulcan over one inch of rain was received last week. About half the rye crop has been harvested. Barley is being swathed at present but is badly lodged from rains and wind. The swathing of wheat will commence in about two weeks providing hot, dry weather is received.

In the Hanna district of east-central Alberta crops are very good but late. It will be another ten days before any swathing of wheat is done. Oats, barley and fall rye are being swathed this week, and all grains appear to be well filled. The weather this past week has been good. Haying is almost completed with only fair yields and quality on account of the dry spring. If the frost is delayed good crops will be harvested. Around Calgary recent cool, damp weather has retarded ripening of crops but has allowed them to fill well resulting in very good prospects. A small percentage of early barley has been cut but hot, dry weather is needed to ripen crops and allow harvesting to proceed. Some light frost was present last week but no damage has been reported. In the district around Olds swathing of barley has now commenced and will be general in a few days. The moisture supply is good and crop prospects are satisfactory.

Harvesting is just getting under way in the Sedgewick district but hot, dry weather is needed to finish maturing the grain. Some barley has been harvested and yields were only average. At Vermilion all crops are progressing slowly due to wet weather and cool temperatures. However, weather permitting, swathing will be general about September 7 with the average yield outlook as follows: 18 bushels of wheat to the acre, 30 bushels of oats, 24 bushels of barley, and 18 bushels of rapeseed per acre.

In the central part of the province around Stettler crops are very good despite signs of frost but no damage has been reported. Warm weather is still needed as crops are about 10 days late. The swathing of barley could start about September 1.

At Edmonton warmer weather is rapidly ripening all crops. Early swathed barley is now being harvested and good yields are reported. With continued warm weather harvesting of all crops should become general in about two weeks.

In the west-central part of the province around Red Deer the forecast of warmer weather has improved crop prospects. Harvesting is later than usual and at present early-sown barley is being swathed but cutting will not be general for a week to ten days. Above average yields are expected in the area. At Lacombe cool, showery weather has delayed maturity of cereal crops and has caused considerable lodging of barley. Swathing is now general with 10 per cent of the barley in swath. Hay and pastures are reported to be very good. At Eckville swathing will be general around August 27. The expected yield of wheat is 35 bushels per acre, barley 40 bushels, oats 50 bushels and rapeseed 28 bushels. Summerfallow land is in good condition. A small amount of second-cut hay is now being harvested. Combining is expected to start by the week end if weather permits.



In the northeast of the province at Bonnyville warm, sunny weather is needed to ripen all crops and to permit harvesting. The cutting of grains has started and will become general by mid-week. There is a plentiful supply of moisture present to fill the crops and if frost holds off crops of good quality could be harvested. Forages, pastures and gardens are in good condition.

In the Peace River area of Alberta around Beaverlodge harvesting of the fescue crop is nearing completion with slightly better than average yields and good quality seed being taken. The swathing of barley has commenced but wheat, oats, flax, rapeseed and legumes require a full two weeks of warm, dry weather for normal ripening. Above-average yields for all crops are anticipated in the area provided the weather co-operates. At Berwyn the crops are very late but present hot weather is improving crop prospects. Barley is one per cent swathed and the remaining crop is turning rapidly so that harvesting will be general in about ten days time. Late-seeded crops are still green and immature but the early seeded fields are ripening but are thin due to the spring drought conditions. Yields of hay have been generally light,

The Alberta Hail Insurance Board reports the following incidents of hail. Light scattered hail August 10, Wetaskiwin to Wainwright. Small pockets of medium to heavy damage, Daysland, Viking and Fabyan. Small isolated storms, August 15 through 18 at Spirit River, Cherhill, Rochester, North Star, Girouxville and Halach. The Canadian Hail Underwriters' Association reports the following hail storms; August 10, Daysland area. August 19, St. Paul area.

The unweighted average precipitation for the province since April 1 has been 11 per cent above normal compared with 8 per cent above normal a week ago, 10 per cent above normal two weeks ago, and 23 per cent above normal a year ago. Mean temperature for the week ending August 22, 1966 was 4.7 degrees below normal, compared with 3.3 degrees below normal one week ago, and in contrast to 0.2 degree above normal two weeks ago, and 5.6 degrees above normal for the week ending August 23, 1965.

#### BRITISH COLUMBIA

The Kamloops area reports range conditions as good, with the second crop of hay now being harvested. Shower activity is making haying difficult in the Cariboo where only one cut has been harvested. Silage corn prospects are good, and the potato crop is maturing well.

Reports from Vernon indicate the harvest of the cereal crop as 70 per cent complete with yields and quality above average. The second cut of hay on irrigated land is 50 per cent harvested with yields normal and quality good. Silage corn is improving with hot weather, but final yields are expected to be below average. Irrigated pastures and upper ranges are reported in good condition.

Prince George reports indicate the hastening of ripening of cereal crops, oats and barley, due to dry weather. The oats yield is forecast at 50 and barley at 40 bushels per acre. Combining of Olli barley began on the Experimental Farm today with operations on oats expected to commence one week from now. Haying operations are continuing but stands are too far advanced. Potato crops appear good. No frost, little or no rain and warm temperatures are providing excellent summer weather.

Further reports from Prince George indicate cool weather as having hampered haying operations until the week of August 14-20 which was the longest period of favourable weather this summer. Sufficient moisture content in the soil is expected to provide a good aftermath for pasture. The limited grain acreage in the area bears better than average prospects with the grain now ripening.

The Creston area reports the second cut of alfalfa as nearing completion with yields slightly low but quality high. Combining of White Dutch clover and winter wheat is well advanced with yields above average. Spring grains are maturing rapidly while apples and pears are colouring and sizing well.

Reports from Dawson Creek indicate that harvesting of fescue is nearing completion with yields averaging three hundred pounds per acre. Swathing of Alsike is in progress. Sweet clover is, however, maturing later than usual. Swathing of barley is also under way. Cereal grain yields are expected to be lower due to lack of moisture during the growing period. Haying operations are now 80 per cent complete with good quality and low average yields of 3/4 ton per acre reported.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending	
		Week ending	Total	Normal	8 a.m.	
		8 a.m.	since	since	August 22	
		August 22, 1966	April 1	April 1	1966	Normal
		inches			degrees F.	
<u>MANITOBA</u>						
1	Boissevain	.55	10.68	11.36	54	63
	Pierson	.53	8.52	10.33	61	64
	Waskada	.27	10.50	10.86	59	63
2	Baldur	.23	12.63	11.05	60	64
	Pilot Mound	.12	10.53	11.00	62	64
3	Altona	.10	14.72	10.33	62	65
	Deerwood	N.R.	11.34(2)	10.72	N.R.	66
	Graysville	.19	14.07	9.77	60	65
	Gretna	N.R.	9.38(2)	10.75	N.R.	65
	Morden	.01	11.52	11.01	62	66
	Morris	.12	12.99	10.21	62	66
	Portage la Prairie	.37	11.16	12.50	59	65
	Roland	.18	14.27	10.45	61	65
4	Stonewall	.27	9.79	11.25	61	65
5	Emerson	.24	14.04	10.77	63	65
	Steinbach	.38	12.99	10.62	61	64
	Winnipeg	.25	9.15	10.95	61	65
	Starbuck	trace	13.41	10.65	62	65
6	Seven Sisters Falls	trace	8.88	10.61	61	64
	Great Falls	N.R.	7.07(2)	8.43	N.R.	65
	Sprague	1.33	16.76	11.67	60	62
7	Rivers	.44	9.14	11.09	60	64
	Virden	1.12	9.36	10.60	59	64
8	Brandon	.25	8.25	11.35	61	63
	Cypress River	.05	12.16	10.90	59	64
9	Gladstone	.31	9.18	10.90	N.R.	64
10	Birtle	1.88	13.03	11.19	57	61
	Rosburn	1.73	11.72	10.30	58	62
	Russell	1.96	11.62	9.19	57	61
11	Dauphin	.24	10.62	10.95	60	63
12	Arborg	.12	9.65	10.48	59	63
	Gimli	.44	10.70	11.19	61	63
	Steep Rock	1.51	8.53	9.70	61	63
13	Swan River	.25	9.56	10.65	57	63
	The Pas	2.32	13.28	9.23	58	61
14	Grass River	N.R.	9.14(2)	10.90	N.R.	63
MANITOBA AVERAGE		.56	11.36	10.66	59.9	63.8



Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m.	since	since	8 a.m.	
		August 22, 1966	April 1	April 1	August 22	
					1966	Normal
			inches		degrees F.	
<u>SASKATCHEWAN</u>						
1A	Carlyle	2.74	8.69	9.76	57	62
	Estevan	1.86	8.40	9.64	59	66
	Oxbow	1.89	7.90	8.88	58	62
	Willmar	2.82	9.44	10.37	N.R.	N.R.
1B	Broadview	1.79	9.15	10.74	57	61
	Moosomin	.27	9.74	10.93	60	62
2A	Yellow Grass	1.92	6.46	9.37	58	63
	Weyburn	1.91	8.45	9.18	59	63
	Midale	N.R.	5.37(2)	9.20	N.R.	64
2B	Moose Jaw	1.75	9.39	8.87	60	65
	Regina	1.62	9.95	9.19	58	63
	Francis	2.26	8.24	8.76	56	62
	Qu'Appelle	N.R.	6.92(2)	9.48	N.R.	62
	Indian Head	2.16	10.62	9.06	57	62
3AS	Ormiston	2.48	8.50	9.27	59	63
	Cardross	N.R.	6.30(2)	9.33	N.R.	63
	Ceylon	3.61	9.45	9.46	53	62
3AN	Chaplin	1.09	10.79	7.99	57	63
	Gravelbourg	2.30	8.33	7.77	58	64
3BS	Shaunavon	2.53	12.11	8.09	56	62
	Pambrun	1.12	8.59	8.60	58	63
	Climax	N.R.	4.46(2)	7.36	N.R.	N.R.
	Aneroid	1.24	8.58	7.81	58	63
	Instow	2.19	10.94	8.16	56	62
3BN	Swift Current	1.22	10.83	9.07	56	63
	Pennant	.82	10.53	8.01	58	63
	Hodgeville	1.29	9.58	8.50	58	63
	Hughton	N.R.	14.33(2)	7.31	N.R.	63
4A	Maple Creek	2.31	10.59	7.48	58	63
	Consul	2.15	9.02	6.92	57	62
4B	Abbey	.39	9.49	7.60	55	63
	Leader	N.R.	11.93(2)	7.05	N.R.	64
5A	Cupar	2.57	12.11(2)	8.89	56	63
	Balcarres	.92	7.59	9.40	N.R.	N.R.
	Lipton	1.07	8.57	9.29	57	63
	Melville	1.05	8.39	9.59	56	62
	Yorkton	.60	9.05	9.62	58	62
	Bangor	1.05	10.15	9.95	57	62
	Wynyard	.65	13.80	9.06	57	61
5B	Foam Lake	N.R.	11.39(2)	9.09	N.R.	61
	Kuroki	.20	11.56	9.43	54	59
	Lintlaw	.16	12.42	9.58	56	58
	Kamsack	.27	10.81	9.01	57	63

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m.	since	since	8 a.m.	
		August 22, 1966	April 1	April 1	August 22	
					1966	Normal
			inches		degrees F.	
<u>SASKATCHEWAN</u> - Continued						
6A	Davidson	.98	10.17	8.49	57	62
	Imperial	N.R.	6.59(2)	8.60	N.R.	63
	Strasbourg	.38	10.24	9.23	60	62
	Watrous	.25	13.06	8.16	56	62
6B	Harris	.19	7.35	7.19	56	62
	Outlook	.23	8.51	7.25	58	63
	Rosthern	.35	8.77	7.75	57	61
	Saskatoon	.11	10.44	7.63	57	62
	Elbow	.84	7.07	8.75	57	63
	Tugaske	.94	10.65	8.85	55	62
	Dundurn	.35	9.93	7.49	56	63
7A	Alsask	N.R.	9.55(2)	6.77	N.R.	62
	Kindersley	.63	8.18	7.01	57	62
	Rosetown	.46	10.59	8.04	56	62
7B	Macklin	.27	10.08	7.97	55	61
	Denzil	.16	10.16	7.87	56	60
	Scott	.03	8.09	8.12	55	60
	Biggar	.02	11.58	7.84	57	62
8A	Hudson Bay	1.11	13.26	9.87	57	60
	Prairie River	1.45	11.04	10.00	55	59
8B	Humboldt	.61	13.94	7.97	55	61
	Melfort	.75	10.87	8.82	55	60
9A	North Battleford	.47	8.28	7.81	56	61
	Victoire	.37	6.64	8.50	58	58
	Prince Albert	1.09	11.01	8.86	55	61
	Island Falls	.87	11.47	9.43	55	58
9B	Waseca	.51	8.21	8.95	53	59
	St. Walburg	.74	7.52	8.26	53	58
SASKATCHEWAN AVERAGE		1.14	9.72	8.64	56.7	61.9

ALBERTA

1	Empress	1.49	8.40	7.34	62	63
	Foremost	1.77	11.07	7.57	60	64
	Hanna	.12	10.18	8.35	55	60
	Manyberries	N.R.	6.40(2)	6.74	N.R.	64
	Medicine Hat	1.48	10.93	7.32	59	65
2	Brooks	.86	11.53	7.63	58	62
	Drumheller	trace	10.01	7.81	56	60
	Gleichen	nil	11.91	8.76	53	60
	Hays	1.14	13.17	6.82	59	64
	Rainier	1.20	12.70	7.66	58	62



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Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending	
		Week ending	Total	Normal	8 a.m.	
		August 22, 1966	since April 1	since April 1	August 22	Normal
			inches		1966	degrees F.
<u>ALBERTA</u> - Concluded						
2	Vauxhall	1.52	12.67	7.03	57	62
	Raymond	1.55	15.14	7.97	57	62
	Lethbridge	1.47	15.26	8.99	57	62
	Trochu Equity	.27	9.05	9.70	54	60
	Vulcan	1.47	14.78	9.44	55	62
3	Calgary	.07	12.46	10.77	52	58
	Cardston	2.04	14.78	9.96	55	60
	Pincher Creek	1.95	12.89	10.76	54	58
	Fort MacLeod	1.42	12.33	10.00	56	63
	High River	1.19	11.66	10.98	51	57
	Magrath	1.60	12.91	9.96	58	63
	Olds	.69	13.11	11.38	50	58
	Alliance	.07	9.84	8.55	55	59
	Coronation	.08	9.03	8.53	56	59
4	Hughenden	trace	10.21	8.56	53	59
	Lloydminster	.53	8.14	8.79	54	61
	Stettler	.38	10.55	9.74	54	59
	Vegreville	.50	5.97	9.27	55	59
	Ranfurly	.96	6.41	9.89	54	59
	Vermilion	.50	7.60	9.24	53	58
	Edmonton	.55	9.59	11.27	53	59
	Lacombe	.49	7.80	11.36	52	58
	Red Deer	.45	10.53	10.77	52	58
5	Rocky Mountain House	.36	15.18	12.70	53	57
	Wetaskiwin	.20	10.26	10.99	54	58
	Athabasca	N.R.	9.89(2)	10.12	N.R.	57
	Campsie	N.R.	7.92(2)	11.60	N.R.	57
	Edson	.45	13.49	12.59	52	55
	Elk Point	1.07	6.95	9.54	53	57
	Lac la Biche	1.06	7.95	9.73	53	58
	Smith	.62	6.44(2)	11.88	52	57
	Whitcourt	.40	12.14	12.17	52	56
7	Beaverlodge	.13	8.44	8.61	54	57
	Fairview	.22	7.56	8.62	56	62
	Ft. Vermilion	.35	7.28	7.18	55	57
	Grande Prairie	.39	8.15	8.55	55	57
	High Prairie	.34	6.03	9.75	53	57
	Peace River	.15	6.23	7.10	53	56
	Rycroft	.06	5.58	8.85	54	57
	Wagner	.20	8.53	8.80	54	56
ALBERTA AVERAGE		.72	10.36	9.35	54.7	59.4

N.R. - No report.

(1) Source: Meteorological Service of Canada.

(2) Incomplete; not included in average.