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TELEGRAPHIC CROP REPORT - CANADA

This is the last of the 1967 series of six telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the last 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 grain harvesting is just getting under way with 10 to 15 per cent having been completed. Yields are reported to be down from the previous year. Potatoes have very heavy tops with a light set of tubers in many fields. In most areas of Nova Scotia farmers have begun grain harvesting with yields below those of last year being reported, due mainly to late seeding and a high percentage of lodging. Most of the hay has been cut with high yields being reported, however much of the crop is of poor quality due to the wet weather during the harvesting period. Pastures are in good condition. Fruit and vegetable crops are making good progress. Wet, humid weather has seriously affected grain harvesting throughout most of New Brunswick. Due to the wet weather lodging has been a problem and yields may be less than anticipated earlier. Top killing of potatoes has also been difficult due to the inclement, weather. Pastures are in good condition.

Quebec Recent temperatures have generally been normal throughout Quebec. However, frequent rains and strong winds early this month have resulted in some lodging of cereals in certain districts. The first frost was reported on the night of September 10 which caused some limited damage to cucumbers in the south of Quebec and generally retarded plant growth. Some mildew on oats, blight on potatoes and cucumber mosaic have been reported. The second cut of hay is well advanced in all areas with good yields reported although quality is reduced due to unfavourable drying conditions. Fall work has commenced on the land. Milk production varies from good to excellent. In the northwest areas of Quebec some losses of young cattle and sheep to wolves are reported.

Ontario Harvesting of spring grains is virtually completed throughout much of Ontario but uneven ripening is causing problems in later seeded areas. Second-cut hay is being taken off under excellent conditions and although yields are considerably less than the first cut, quality will be better. Harvesting of silage

Prepared in the Crops Section, Agriculture Division

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should be well under way by September 18. Most of the tobacco crop will be harvested by mid-September and this crop shows good maturity and is curing well. Labour has not been a problem this year. Pastures have been well maintained and little supplementary feeding has been required. Potato yield prospects are variable. Top growth is excellent so that yields could improve somewhat. Soil moisture conditions are good throughout most of the province.

Prairie Provinces The bulk of the harvest has been completed in Saskatchewan and Manitoba and should be finished in Alberta in another week. The harvest weather has been exceptionally good and crops have been taken off in excellent condition, with little degrading due to weathering. The soil is very dry throughout the Prairies and this is delaying fall field work and also delaying the seeding of fall rye in some areas. Pastures also are very dry and growth is limited.

British Columbia Recent rains on Vancouver Island and the Lower Mainland have greatly improved conditions. As a result pastures are much better and late forage and vegetable crops will benefit considerably. Corn silage making has started in the Fraser Valley and the grain harvest is finished. Conditions throughout the Interior are dry. Haying and grain harvesting are generally completed. In the Peace River Block there has been some rain but the grain harvest is now 70 to 75 per cent completed.

MARITIME PROVINCES

In Prince Edward Island only 10 to 15 per cent of the grain harvesting has been completed yields are expected to be down from the previous year as recent storms in the area have caused severe lodging. Potatoes are doing well in most areas but, there are some fields with very heavy tops and a small tuber set. Some late blight has occurred. The tobacco harvest is well under way and satisfactory yields are being obtained. Pastures are doing well, and although corn growth is excellent, storm damage may influence maturity. Cole crops appear good.

The Cape Breton area of Nova Scotia reports that haying is completed and high yields of fairly good quality were obtained. Pastures are still in good condition and there is a good growth of aftermath on hay fields. In general the vegetable crop is doing well with some root rot reported in turnips and cabbage. Around Amherst the second hay crop is about over and grain harvesting is coming along slowly. The corn harvest is about to begin and a very good crop is expected. There is a heavy blueberry crop in prospect but the total crop may not be harvested due to a shortage of labour. In the area around Truro wet weather has made harvesting very difficult and some haying is still going on. The grain is late and severe lodging has occurred. Yields will be light in many fields. The potato crop is showing some blight damage. Blueberries are being harvested but with the heavy crop prices are low. Pastures are in good condition. In the Annapolis Valley region crops are generally good although there are some problems with insects and diseases. The warm, moist season has caused lodging in grain in many areas and haying is still continuing. Tree fruit quality is reported to be good. Pastures are holding up very well and with sufficient aftermath no supplementary forage feeds are being used. The silage corn crop is excellent with harvesting just starting.

In the Fredericton area of New Brunswick wet weather has caused severe lodging of grain crops and yields are expected to be light. Potatoes are showing good growth and some late blight is evident. Pastures are above average for this time of the year. In the region around Perth wet, humid weather is seriously affecting the grain harvest and much loss has been caused by lodging and root rot. Harvesting of potatoes is being delayed because wet weather has made top killing difficult. Yields will be lighter than earlier expected.

QUEBEC

In the L'Assomption area the tobacco harvest has almost been completed and farmers are making rapid progress with the grain harvest. Frost occurred on September 11. In the St. Jean district seasonal temperatures have prevailed and an above average apple crop of very good quality is being harvested. Growers have finished picking Melbas and are half through the Lobo crop. The McIntosh harvest crop has just commenced. A very good vegetable crop is reported and the growers are now harvesting the late types. In the area south of Montreal corn silage-making is under way. Pastures and second-growth hay are generally satisfactory.

A first frost struck at Lennoxville on September 7 with 29 degrees F. ground level recorded. Frequent rains have occurred. Forage corn yields are good and second-growth hay fields and pastures are also productive. About half of the oat crop remains to be harvested. Growers have started digging potatoes with good yields reported. Rapeseed harvesting is finished with good yields, cutting of flax has started.

At Ste. Anne de la Pocatière frequent heavy rains occurred during the last two weeks. As a result harvesting cereals and getting in the second-cut hay has been difficult. About 90 per cent of the grain is ripe. However, the results of the first threshing indicate losses of 20 per cent in oats, barley and rapeseed due to lodging and scalding. Pastures and second-growth hay, potatoes, corn and rutabagas all appear good.

In the Lac St. Jean district reports indicate precipitation of 3.4 inches during August and 0.5 inches the last twelve days. Harvesting of grain crops has been practically completed with good yields obtained. Pastures, however, are poor because of dry weather this month. Milk production in the district is down somewhat for this reason. Blueberry picking is finished with an average yield reported. The outlook for the potato crop is not very promising. At Caplan below normal temperature and rainfall are reported. Harvesting and threshing of cereals are well advanced and the yields are very good. Potato growers have started to dig but late potatoes are affected by mildew with the resultant reduction in yields. The second cut of hay has been finished. Vegetables, corn and cucumbers are producing record yields. Pastures are in good shape indicating high milk production.

ONTARIO

In Essex County of southern Ontario land is now being prepared for winter wheat but more moisture is needed to improve soil conditions. Pastures in this area are also in need of rain. Harvesting of processing tomatoes is continuing and the quality is good. Picking of peaches is nearly completed and yields were less than normal. The tobacco crop is also below average and harvesting is nearly completed. Silo filling operations are well under way. Although growing conditions

were near ideal in Kent County during the first week of September, crop development is now suffering from cool weather. Corn is a week to 10 days behind normal and needs further warm weather if the excellent stand is to mature. Soybeans are maturing and should good weather prevail, prospects for this crop are excellent. Sugar beets have made very good growth and yields will probably be equal to or better than last year's. Harvesting of white beans is under way and although quality is good, yields are about 75 to 80 per cent of normal. Harvesting of early hybrid seed corn has commenced. Picking of burley tobacco is completed and yields and quality were about average. Winter wheat plantings are expected to be about equal to last year's acreage. Harvesting of tomatoes has been delayed due to cool weather but given improved conditions prospects for this crop are good. A report from the Entomological Laboratory at Chatham indicates that a second flight of corn borer moths has been heavy, fall army worms are showing up on late sweet corn and leaf bronzing on white beans is widespread.

In Middlesex County harvesting of spring-sown grains is about 75 per cent completed with yields somewhat reduced due to extreme lodging. Dry weather is greatly assisting maturity of corn and beans in this area. In Norfolk County harvesting of tobacco is nearly completed but yields were somewhat reduced from outturns of last year. Harvesting of spring grains is completed with both yields and quality below average. Corn is making satisfactory progress and better than average yields are anticipated. Silo filling has commenced on some farms. Cutting of second-crop hay is completed but yields were light. Rain is presently required for optimum conditions for seeding fall wheat. In Lincoln County the peach crop is reported to be light and harvesting of Veteran and Loring is just ending. All of the fruit crops are about a week late. Harvesting of early grapes is just commencing and prospects for this crop are good. Leaf hoppers and aphids have been unusually troublesome on many crops this season but fruit insects and diseases have been generally light. Red mites have been a problem from late August to the present.

In Simcoe County two weeks of excellent harvesting weather has facilitated harvesting of spring grains but yields are variable. Growth of later crops is very good but weeds are a problem in rain-damaged fields. Frost on September 10 is reported to have caused little damage. Good weather in Waterloo County has enabled farmers to make excellent progress with harvesting of spring grains and this operation should be completed in about one week. Corn is maturing rapidly and prospects for this crop are good. Excellent weather in Wellington County has allowed rapid progress to be made with harvesting operations and about 25 per cent of the grain crop remains to be combined. Yields are reported to be about average. Grain corn still requires more warm weather to reach maturity. Some winter wheat has been seeded and it is expected that acreage will be about average. In Halton County harvesting operations are progressing rapidly under ideal weather conditions. About two-thirds of the crop has been threshed and both yields and quality are reported to be above average. Corn is maturing rapidly with very good prospects on well-drained fields. The condition of new seedings is below average due to lodging of the cereal crops. Pastures are excellent. Winter wheat is now seeded.

Frost occurred in Durham County on the night of September 10 and ruined the remainder of the tobacco crop in the northern area of the county as well as damaging corn and other late crops. The corn crop is generally good with above-average yields expected for both silage and grain corn. The apple crop looks good although some local areas report lowered quality due to hail damage. Harvesting of spring grains is completed on most farms. Pastures are in average condition.

In Peterborough County harvesting of spring grains is about 80 per cent completed. Yields of oats were low and quality poor but barley produced about average yields and quality. Harvesting of corn silage has commenced and above-average yields are reported. Seeding of winter wheat is under way under good conditions. Pastures are good. In Leeds County a light frost has affected some corn and vegetables. Harvesting is progressing under ideal conditions. In Dundas County harvesting of spring grains is about 75 per cent completed but quality is only fair due to lodging and rot. Corn is maturing well but still needs two weeks of warm weather.

In Carleton County of Eastern Ontario harvesting of spring grains and second crop hay is progressing under ideal weather conditions. Yields of grain are lower than usual and harvesting has been difficult due to severe lodging. About 25 per cent of the crop still remains to be harvested. Silo filling operations have commenced. Ensilage corn is much better than expected and is maturing well. Pastures are adequate and soil moisture is in generally good supply. Spring grains are being harvested under ideal weather in Renfrew County. However, harvesting has been slow due to lodged grain but yields are still above average. Silo filling has commenced with yields of corn varying from excellent to poor. Extensive acreage of second-growth alfalfa remains to be harvested.

A report from Kapuskasing in Northern Ontario indicates that harvesting of oats and barley for silage occurred during the third week of August. Harvesting of second-crop hay is under way and yields are good. Fertilized pastures are producing well but other fields are not good. Harvesting of oats and barley for grain is under way under excellent conditions. Digging of potatoes has commenced and good yields of excellent quality are reported. In the Thunder Bay District harvesting of oats and potatoes is in progress and both yields and quality are better than earlier anticipated. Pastures and second-cut hay are good.

MANITOBA

Throughout Manitoba harvesting of cereals is 85 per cent completed. In the southern region swathing of flax, rapeseed, buckwheat and peas is now under way. Combining of cereals varies from 95 to 100 per cent completed in the southwestern area, 90 per cent completed in the Red River Valley, 75 to 90 per cent in the central and northwestern areas, and about 65 per cent completed in the Interlake district. In all areas, excepting the southwest corner, yields and grades of the cereal crops are average or better. Generally, flax and buckwheat are expected to produce below average yields. Corn and sunflower crops are progressing well, with high yields anticipated. In all districts the soil is very dry and pastures are either finished or rapidly drying up. This lack of moisture for germination has meant that fall rye seeding has been delayed.

Around Altona the cereal harvest is 90 per cent completed, harvesting of rapeseed is going ahead well, and peas, flax, and buckwheat are nicely started. Rain is now needed for satisfactory development of the sunflower and beet crops. Leaf mottle of sunflowers has made its appearance in a large number of fields. There is no growth shown by the aftermath on haylands and pastures generally are bare. Cereal crops are 90 per cent harvested in the Morden area where wheat samples are of good weight and grading No. 2. Because of the extreme heat, flax will not yield well. In contrast, high yields are expected from sunflowers and corn. Rain is needed to benefit the sugar beet and potato fields. Harvesting of corn by the canneries started last week, with average yields. Pastures are in poor condition and need rain. Around Morden and Winkler fall work is now in progress.

Ten per cent of the wheat and 90 per cent of the flax and buckwheat have yet to be harvested in the Somerset region. Although the average wheat yield is about 28 bushels per acre grading No. 2 or 3, some fields are yielding up to 50 bushels. Frost has reduced the yield of buckwheat, and flax will only produce a fair crop. The soil is extremely dry and rain is needed. To the west around Melita rain is also needed, as seeding of rye has been limited due to the lack of available moisture for germination. In this area, except for 20 per cent of the late flax crop, harvesting is now finished. Although pastures are poor, livestock are in fair condition.

A report from Beauséjour dated September 8 mentions that in that area wheat harvesting was 90 per cent completed and yielding 30 bushels per acre of No. 2 and 3 Northern. Barley was 85 to 90 per cent harvested, yielding 40 to 45 bushels per acre, and grading No. 1 Feed. Oats, which were averaging from 45 to 55 bushels per acre, were grading 3 CW and 1 Feed. Harvesting of this crop was from 60 to 70 per cent finished. Harvesting of the flax crop has not started, but yields were not expected to be as good as last year. Although pastures were very dry, hay was reported as being adequate with yields a little below normal. Cereal grain harvesting in the Selkirk region is 80 per cent completed, with fall tillage operations progressing under very dry conditions. Current estimates of yields are: wheat 30 bushels, oats 55, barley 45, flax 12, and rapeseed 15 bushels.

Northwest of Winnipeg around Stonewall harvesting of cereals is about 90 per cent finished. Some 10 per cent of the wheat crop is grading No. 1 with much of the remainder being placed in the No. 2 grade. Although pastures are finished, hay supplies are fairly good. Fall work is now in progress under exceptionally dry conditions.

Drought conditions continue around Virden where harvesting is practically completed. On summerfallow wheat fields are better than average, with samples grading No. 2 or better. In contrast, although yields on stubble are better than expected, they will still be below average. Fall cultural operations are proceeding with difficulty due to the dry soil condition. Pastures are showing no recovery from the drought.

No rain is reported during the last month around Teulon where harvesting of cereals is 60 per cent finished. Barley is yielding 35 to 40 bushels per acre, with wheat producing 30 to 35 bushels. Grades are very good. Hot, dry weather continues in the Arborg area where harvesting is 65 per cent completed. Wheat and barley will range from 30 to 50 bushels per acre, with some No. 1 wheat reported. The oats crop has been rather disappointing. Although little flax has yet been harvested, and in spite of some frost damage, yields appear very promising. Alfalfa seed prospects are good.

Swathing is 95 per cent completed and combining 80 per cent finished in the Neepawa area. Of the special crops 30 per cent are swathed and about 20 per cent already harvested. Fall work is progressing well, though depleted supplies of soil moisture means that rain is now needed to help the germination of fall rye. Pastures are drying up.

Harvesting is progressing well around Shoal Lake where 85 per cent of the cereals are swathed and 60 per cent combined. On summerfallow wheat yields of 40 bushels per acre have been reported. Yields of barley are varying from 20 to 60 bushels per acre. The flax harvest has not yet started but rapeseed is now being combined. In some areas wheat has been frozen and is only grading No. 4. Subsoil moisture is below normal and rain is needed.

In the northwest part of the province around Dauphin combining is 70 per cent completed, with wheat yielding 24 bushels, oats 45, barley 30, and flax 8 bushels. Wheat is grading No. 2, while barley is generally around 3 CW. As no rain has been experienced for four weeks, pastures are completely dried up and hay is in relatively short supply. It is expected that this fall cattle sales will be greater than usual.

The Canadian Hail Underwriters Association reports hail storms on August 29 in the Hamiota, Shoal Lake and Gilbert Plains areas.

The unweighted average precipitation for the province since April 1 has been 27 per cent below normal, compared with 24 per cent below normal a week ago, 19 per cent below normal two weeks ago, and 2 per cent above normal a year ago. The mean temperature for the week ending September 11 was 8.5 degrees above normal, compared with 3.4 degrees above normal a week ago, 1.5 degrees above normal two weeks ago, and 6.2 degrees above normal for the week ending September 12, 1966.

SASKATCHEWAN

Although recent general but light showers have temporarily delayed completion of the harvest in Saskatchewan, excellent progress was made prior to the rainfall. Operations are practically completed in southern and central districts but progress has been somewhat slower in the northwest area where some two-thirds of the crop has been taken off. On a provincial basis 90 per cent of the cereal grains, 80 per cent of the rapeseed and 20 per cent of the flax has been harvested. Outturns generally continue to be higher than previously anticipated and the quality is excellent.

Continued warm, dry weather has permitted rapid progress with the harvest in the Moosomin area of southeast Saskatchewan. Some 90 per cent of the crop has been harvested and yields are better than expected with wheat averaging 22, oats 38, barley 28, rye 17 and flax 8 bushels per acre. The quality is very good except in those fields that suffered light to heavy degrading damage due to earlier frosts. Rain received on September 11 was welcomed by most producers as land was too dry and hard for fall cultivation. At Fillmore the harvest is nearly completed and yields are above expectations with summerfallow wheat averaging 20 and stubble wheat about 12 bushels per acre. Coarse grains are averaging about 25 bushels per acre. Manitou wheat withstood the drought exceptionally well and there are many reports of wheat grading No. 1 Northern. Cereal crop response to fertilizer was more apparent this year than during the previous two years. Flax crops that have been harvested are yielding fair.

The Experimental Farm at Indian Head reports that except for a few isolated areas swathing and combining of cereal grains is completed. Flax has yet to be combined but the acreage in this district is quite small. Yields and quality of wheat were above expectations with summerfallow fields running from 20 to 25 bushels per acre and stubble fields between 15 and 17 bushels. Most grain is grading No. 2 Northern with considerable amounts grading No. 1 Northern. Farmers are giving their summerfallow fields a final tillage and some stubble fields are being worked with heavy duty cultivators. Fields are very dry and good fall rains would be beneficial to build up soil moisture reserves. Cattle are in good condition and are grazing on stubble fields in many places.

Most of the harvest has been completed at Gravelbourg in the south-central part of the province and yields and grades were better than expected. Farmers are now going over their summerfallows to kill growth which resulted from the small August rainfall. Most of the cattle feed is up but some farmers are baling slough hay. Rain is needed to build up the soil moisture reserves for next year. At Val Marie 1.2 inches of rain was received on the morning of September 12 and this will dampen the prairie fires which have been breaking out with regular frequency for the past two weeks. It will also assist in replenishing soil moisture reserves. Farmers have finished combining and are well satisfied with the yields considering the amount of rainfall received during the growing season.

Combining of wheat is nearing completion in the Swift Current district with wheat averaging some 15 bushels per acre and some grading No. 1. Durum wheat is also averaging about 15 bushels and barley about 20 bushels per acre. Pastures continue to be very dry. The harvest has been completed at Leader. The wheat sample is good with yields running from 17 to 20 bushels per acre on summerfallow fields. Flax is yielding 10 to 12 bushels per acre. No significant fall moisture has been received in this district as yet.

In the east-central area around Melville harvesting is 95 per cent completed. Due to the exceptionally dry weather, wheat is yielding approximately 8 bushels, oats 20 and barley 20 bushels per acre. Combining is nearly completed in the Togo district and yields are good. Earlier frost damage to wheat is causing degrading to No. 3 Northern. To the north and east of the Manitoba border there has been some severe frost damage which significantly lowered average yields and grades. Some has been baled for cattle feed. The ground is very dry with no growth showing and pastures are dead. The harvest is 90 per cent completed at Sturgis. Wheat has been yielding between 15 and 18 bushels per acre and grading No. 2 and 3 Northern. The coarse grain crop is very light and yielding only 10 to 12 bushels per acre. The rapeseed crop is also very poor. Pastures are poor and there will be a definite shortage of winter fodder. Rainfall since April 1 in this district has totalled only 1.61 inches.

In the central area around Saskatoon some 90 per cent of the wheat and coarse grains has been harvested. Yields and grades are much better than expected with wheat averaging some 17 bushels per acre and grading No. 1 Northern. Oats are yielding 30, barley 35 and rye 14 bushels per acre. Seeding of fall rye has been completed. The steady rain received on September 12 will ensure germination of rye and help restore the dry pastures. The harvest has been completed in the Craik area except for a few acres of durum wheat and some flax. Wheat yields averaged 12 bushels, oats 35, barley 20 and rye 20 bushels per acre. All wheat is falling in the top two grades. Rainfall received on September 12 is very welcome to replenish depleted soil moisture reserves.

In the west-central part of the province around Rosetown harvesting is 99 per cent completed with only a little flax left to be picked up. Wheat is grading No. 1 and 2 Northern and yields should average about 22 bushels per acre. Most summer-fallows are black. The soil is very dry and good rains will be needed this fall. The Experimental Farm at Scott reports that locally the harvest is nearing completion but progress is slower to the north and west. Yields are quite variable but generally better than expected and range from 25 to 35 bushels per acre for wheat. The grain was taken off dry and is of excellent quality. Rapeseed crops are good. No appreciable fall moisture has been received.

In the northwest section around Meota harvesting is 50 per cent completed and yields are excellent. Summerfallow wheat fields are turning out 40 to 50 bushels per acre while stubble fields range from 25 to 35 bushels per acre. Barley is yielding 45 bushels, oats 60 bushels, and rapeseed between 30 and 40 bushels per acre. Grades are generally good with wheat being predominantly No. 2 Northern and weighing 64 pounds per bushel. Summerfallows are turning green and will require one more pass before freeze up. Soil moisture reserves are only fair and fall rains would now be welcome.

The Experimental Farm at Melfort in the northeast part of the province reports that the hot, dry weather has permitted farmers to make rapid progress with the harvest and many have now completed operations. Grain threshed to date is in excellent condition with wheat yields ranging from 15 to 30 bushels per acre and grading No. 1 and 2 Northern. Barley is yielding from 20 to 35 bushels with a good percentage falling into the malting grades. Oats are running from 30 to 45 bushels, Polish rape between 16 and 22 bushels and Argentine rape between 22 and 30 bushels. Flaxseed is averaging between 11 and 14 bushels per acre. Some fall tillage is under way.

The Saskatchewan Municipal Hail Insurance Association reports no hail storms since August 22. Hailstorms this year have been widespread but not exceptionally destructive and losses will be about one-third less than last year. The Canadian Hail Underwriters Association reports hail storms on August 23 in the St. Walburg and Goodsoil areas.

The unweighted average precipitation for the province since April 1 has been 54 per cent below average as compared with 53 per cent below average a week ago, 51 per cent below average two weeks ago and in contrast to 6 per cent above average a year ago. Mean temperature for the week ending September 11 was 11.7 degrees above normal, compared with 6.1 degrees above normal a week ago, 5.7 degrees above normal two weeks ago, and 9.7 degrees above normal for the week ending September 12, 1966.

ALBERTA

A continuation of the warm, dry weather in the past week has resulted in crops maturing rapidly in all areas of the province. Harvesting is proceeding rapidly and crops harvested to date have been stored in very good condition. Some light frost was reported on the fringe of western and northern regions. The cutting of barley, wheat and oats is nearing completion in all areas and combining is expected to be completed between September 15 and 23. Approximately one-half of the rapeseed and flaxseed crops has been harvested. Irrigation of sugar beets and potatoes is continuing in the south. Some potatoes have been harvested in the early districts. The harvest of sugar beets is not expected to begin until October 1. Nearly all small seeds have been harvested with the exception of alfalfa in northernmost areas. Pasture conditions are fair in the south but carrying capacity in the Peace River district is low.

In the southeast at Manyberries harvesting of cereals has been completed. Wheat has yielded an average of 15 and barley 20 bushels per acre. No seeding of fall rye or winter wheat has been reported because of a lack of moisture. Livestock are in good condition even though pastures are very dry. Topsoil moisture is 37 per cent and subsoil moisture is 60 per cent of normal. The hottest day was reported on September 5 when the temperature in the shade was 100 degrees. In the vicinity of Medicine Hat the harvest is progressing very well with the cereals almost completed. Wheat yields average 18 bushels per acre with most grading No. 1 or No. 2. The harvest of corn, except for silage, will finish this week. The sugar beet crop is progressing well, and the flax harvest is just getting under way.

In the southwest at Lethbridge, the spring grain harvest is 65 per cent completed. Yields have been above average and better than expected. Harvesting of flax has not yet started. Threshing of winter wheat is finished and yields have been excellent and seeding next year's crop is well under way. There has been no second-cut hay on dry land. The bean crop is excellent and the sweet corn harvest is at its peak but lifting of storage potatoes has not yet commenced. The harvest of spring grains is 90 per cent completed and some 50 per cent of the winter wheat has been seeded. One inch of rain was received on September 12 which will make for good seedbed conditions. Farther north at Claresholm another week will see the crop in the bin in most cases. Yields are better than expected and grades are good. Some fall grain is being sown although most farmers are delaying operations until moisture is received. Rain would be welcome as the surface soil is very dry. Pastures are poor and grasshoppers are a threat.

In the east-central region around Hanna harvesting is 85 per cent completed and yields are much better than expected. Wheat yields range from 8 to 20 bushels, rye 8 to 12, barley 15, and oats around 20 bushels per acre. Most of the wheat is grading No. 2 and 3 with bushel weights around 62 pounds. There has been no moisture to date and the grain came off in good condition. In the vicinity of Calgary cool, cloudy weather slowed down harvesting. Due to the cooler weather swaths are not curing as rapidly as anticipated. Harvesting is 65 per cent completed and yields are above average. At Olds harvesting is now well under way with wheat about 50 per cent completed and coarse grains 75 per cent. The quality and bushel weight of wheat are good, however, yields per acre are down compared with last year's crop. In the northeast part of the province at Sedgewick harvesting operations are about 80 per cent completed, with wheat yielding an average of 30 bushels, oats 40, barley 46 and rapeseed 20 bushels per acre. To the north at Vermilion harvesting is now 80 per cent finished and crops are yielding above average. All grain is dry with wheat grading No. 2 or 3, with No. 2 being the predominant grade. A record high temperature of 93 degrees was noted on September 5. No moisture has been received since the last report.

In the central region around Stettler 90 per cent of the harvest has been completed. Wheat is grading mostly No. 2 and running about 22 bushels per acre and coarse grains about 40 bushels per acre. The harvest weather has been exceptionally good as no rain was received since operations commenced.

In the north-central region around Edmonton harvesting of crops is now nearing completion. Yields have been average or above average. The quality of coarse grains is lower than average but wheat is above average. In the vicinity of Stony Plain the harvest is proceeding very nicely. Barley is 90 per cent completed, oats 70 per cent, and wheat 75 per cent. Average yields tend to be lower than last year with barley 35 bushels, wheat 25 and oats 50 bushels per acre. Autumn weather has been excellent and fall work is now under way.

In the west-central region at Lacombe the swathing of barley has been finished and 80 per cent of the crop has been threshed with yields averaging 35 bushels per acre. Oats are 80 per cent swathed and 30 per cent threshed and averaging 50 bushels per acre. Wheat swathing is completed and 30 per cent has been threshed giving average yields of 25 bushels. Rapeseed is 70 per cent swathed, 30 per cent threshed and yields average 20 bushels per acre. The grades for all crops are generally good. In the area around Eckville swathing has been completed and combining is 95 per cent finished. Yields have been slightly below previous estimates although the quality of the grain has been good. Second-cut hay has been harvested with yields of one-half ton per acre. Moisture conditions in the area are very poor.

In the northeast region at Bonnyville harvesting is in full swing with about 30 per cent cut and 20 per cent threshed. Average yields are in prospect and the quality of the crop is expected to be good. Extreme drought conditions, while favourable for harvesting, have created pasture problems and a shortage of forage is expected this season. To the west at Colinton harvesting is now at a standstill because of recent cool, wet weather. The percentage of threshing completed is: wheat 40 per cent, oats 50, barley 85, and rapeseed 50 per cent. The estimated average yields are: wheat 25, oats 45, barley 35, and rapeseed 15 bushels per acre. Wheat is grading No. 2 on the average. Forage crops in the area are very poor and farmers are selling livestock because of the hay shortage. Very small amounts of forage have been left for harvest as seed.

In the Peace River at Beaverlodge the harvest is nearing completion. Yields are: wheat 10 to 15 bushels per acre, barley 20 to 25, oats 25 to 35, rapeseed 10 to 12 bushels, fescue 100 to 250, alsike and red clover 200 to 250 pounds. Quality of all crops has been good. Fall pastures are poor and soil has been too dry for good fall tillage. May to August rainfall at Beaverlodge Research Station was 2.82 inches, the lowest in 50 years of recording. Other districts have slightly more precipitation but crop development depended mostly on excellent spring soil moisture reserves. At Fort Vermilion heavy morning dew and green second growth has delayed the harvest of cereals. Only 10 per cent of the wheat and oats, 25 per cent of the barley, 30 per cent of the rapeseed, and 5 per cent of the flax has been harvested to date. Wheat yields are running about 28 bushels, oats 40, barley 35, rapeseed 20, and flax 5 bushels per acre.

The Alberta Hail Insurance Board at Calgary reports the following hail storms: August 21, severe storm Wildwood, southeast through Rocky Rapids, Lindale Breton to Westerose; August 23 storm from west to east Two Hills, Beauvallon, Myrnam to Marwayne with heavy losses in vicinity of Marwayne; August 24 localized storms Vegreville at Wanham; September 6 west to east storm from Edson to Evansburgh with some damage reported at Thorhild. In addition, the Canadian Hail Underwriter Association reports storms on August 23 from Musidora to Muriel, and Wanham area; September 6 Hines Creek area.

The unweighted average precipitation for the province since April 1 has been 31 per cent below normal compared with 31 per cent below normal a week ago and 27 per cent below normal two weeks ago and in contrast to 9 per cent above normal a year ago. Mean temperature for the week ending September 11 has been 9.5 degrees above normal compared with 9.7 degrees above normal a week ago 5.0 degrees above normal two weeks ago and 5.1 degrees above normal for the week ending September 12, 1966.

BRITISH COLUMBIA

The Saanichton Peninsula received rainfall recently and this coupled with cooler weather promises recovery for the second early potato crop and improvement in the outlook for late potatoes. Pear yields are only 40 per cent of normal and plum yields are also low. The yield and quality of late apples are somewhat below normal. However, the peach crop is moderately good.

At Agassiz in the Lower Fraser Valley, rainfall from August 22 to date has been 2.81 inches. There has been considerable improvement in pastures. Later maturing corn crops, brocolli and brussel sprouts have also tremendously improved. With recent rains, the harvest of processing corn has been general and early varieties will be ready three weeks in advance of the average causing considerable pressure on processing plants. The harvest of silage corn has started and the grain harvest is completed. The bush bean harvest has also been completed, and processors report excellent quality and yield.

At Summerland in the South Okanagan colour picking of McIntosh is now in progress and full-scale picking is expected by the end of the week. It is hoped that colour improvement will result with cooler weather. Windfall losses have been less than 5 per cent. The Anjou pear harvest is about to commence with variable loss from wind falls. The harvest of peaches is almost completed and prune harvesting is in full swing. Although light rains have broken the long drought, unirrigated pastures are in poor shape.

At Creston in the South Kootenay, cereal grains and clover seed harvesting have been completed; yields and quality were above average. Pasture growth has been retarded because of prolonged hot, dry weather and early apple and pear crops are being picked with average quality and yield. Late apples are sizing well. However, colour is slow in developing.

Reports from Kamloops indicate that haying has been completed and corn is now being ensiled. Ranges are still in very dry condition. Since May 1, total precipitation has been only 1.28 inches. However, the year has been excellent for tomatoes and potato crops are expected to be good.

At Prince George in the Central Interior, harvesting of forage crops for hay and silage has been completed but the yield was only one-half of normal. Most of the barley and the oats have been harvested with yields ranging from 10 to 50 bushels per acre. Potatoes and other root crops have not yet been harvested. There have been no fall frosts to date but there has been continuous shower activity throughout the region. Forage Crops for both hay and silage have been harvested and were of good quality. Grain crops are in the process of being harvested and yields are, in general, some 25 per cent below normal. During the last few weeks, rains have kept pastures up, and frost has not been of any consequence to date.

Reports from Dawson Creek in the Peace River Block indicate that there have been two rainfalls in the past month but these have not delayed harvesting. The fescue harvest has been completed, and the grain harvest is 75 per cent completed, with generally light yields. However, the quality of the grain is excellent.

In the Fort St. John area, harvesting is about 70 per cent completed but was halted by a general rain over the week end. Reports from scattered small areas indicate that hail damage occurred during the summer. However, winter wheat showed up well this season, and seeding on a slightly increased acreage has been completed. Tillage has been progressing well.

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. Sept. 11/67	since April 1	since April 1	8 a.m. Sept. 11 1967	Normal
		inches			degrees F.	
MANITOBA						
1	Boissevain	NIL	5.81	12.82	65	56
	Pierson	NIL	3.70	11.51	67	56
	Waskada	NIL	5.25	12.15	66	57
2	Baldur	trace	10.37	12.80	64	57
	Pilot Mound	.01	10.32	12.49	65	56
3	Altona	NIL	9.57	11.85	65	58
	Deerwood	NIL	13.08	12.35	67	59
	Graysville	N.R.	13.69(2)	11.17	N.R.	57
	Morden	NIL	11.15	12.57	66	59
	Morris	NIL	8.57	11.73	65	59
	Portage la Prairie	.17	10.38	14.35	66	58
	Roland	NIL	10.54	12.25	66	59
4	Stonewall	.18	11.36	13.00	63	57
5	Emerson	trace	8.82	12.40	66	58
	Steinbach	NIL	9.73	12.50	64	57
	Winnipeg	.11	12.68	12.58	66	58
	Starbuck	trace	9.86	12.40	62	58
6	Seven Sisters Falls	trace	10.44	12.03	65	57
	Great Falls	NIL	8.74	9.75	66	57
	Sprague	.05	13.50	13.88	64	55
7	Rivers	NIL	6.82	12.36	67	56
	Virden	NIL	6.51	12.04	65	56
8	Brandon	NIL	6.65	12.77	64	56
	Cypress River	.06	9.82	12.30	64	57
9	Gladstone	trace	7.60	12.90	N.R.	56
10	Birtle	NIL	6.90	12.65	66	55
	Rosburn	NIL	8.19	11.75	66	56
	Russell	NIL	7.40	10.47	64	54
11	Dauphin	NIL	9.34	12.39	68	56
12	Arborg	.05	10.44	12.40	63	57
	Gimli	.05	10.58	12.91	66	56
	Steep Rock	N.R.	7.64(2)	11.60	N.R.	56
13	Swan River	NIL	5.69	12.15	66	56
	The Pas	.47	7.12	10.72	63	54
14	Grass River	N.R.	6.19(2)	12.75	N.R.	56
MANITOBA AVERAGE		.04	8.97	12.25	65.2	56.7
SASKATCHEWAN						
1A	Carlyle	NIL	6.34	11.07	66	55
	Estevan	NIL	4.40	10.74	70	58
	Oxbow	NIL	4.35	10.41	65	56
	Willmar	N.R.	5.25(2)	11.66	N.R.	N.R.
1B	Broadview	NIL	5.14	12.13	67	54
	Hopsomin	NIL	6.64	12.33	66	55

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.	
		Sept. 11/67	since April 1	since April 1	Sept. 11	
			inches		1967	Normal
						degrees F.
<u>SASKATCHEWAN</u> - Continued						
2A	Yellow Grass	trace	5.40	10.40	68	56
	Weyburn	trace	5.87	10.60	68	57
	Midale	NIL	6.42	10.50	68	57
2B	Moose Jaw	.01	4.32	9.92	74	58
	Regina	.01	2.70	10.34	70	56
	Francis	NIL	3.44	10.00	62	55
	Indian Head	NIL	2.99	10.32	68	55
3AS	Ormiston	trace	2.43	10.50	69	57
	Cardross	NIL	3.54	10.40	69	57
	Ceylon	trace	5.51	10.81	69	56
3AN	Chaplin	NIL	6.13	9.15	66	56
	Gravelbourg	.06	3.85	8.93	68	57
3BS	Shaunavon	trace	3.90	8.93	65	57
	Pambrun	.25	4.19	9.65	66	56
	Climax	N.R.	.61(2)	8.20	N.R.	N.R.
	Aneroid	.27	3.89	8.74	67	57
	Instow	N.R.	2.84(2)	9.22	N.R.	56
	Swift Current	.01	4.57	10.09	68	56
	Pennant	NIL	3.34	8.95	68	56
3BN	Hodgeville	.15	3.50	9.60	66	56
	Hughton	N.R.	2.24(2)	8.13	N.R.	57
4A	Maple Creek	.03	8.03	8.42	71	57
	Consul	NIL	4.62	7.74	66	56
4B	Abbey	trace	4.62	8.55	71	57
	Leader	.05	5.57	8.01	69	57
5A	Cupar	NIL	3.49	10.50	68	56
	Balcarres	N.R.	2.93(2)	11.10	N.R.	N.R.
	Melville	NIL	2.27	11.20	66	55
	Yorkton	NIL	2.84	10.93	68	55
	Bangor	NIL	4.51	11.50	67	55
	Wynyard	.01	2.91	10.37	68	55
5B	Foam Lake	N.R.	3.50(2)	10.64	N.R.	54
	Kuroki	.14	4.11	10.85	66	53
	Lintlaw	.01	4.12	10.97	66	53
	Kamsack	NIL	3.95	10.31	68	55
	Davidson	.01	1.72	9.46	67	55
6A	Strasbourg	NIL	2.48	10.76	69	56
	Watrous	.06	2.13	9.37	64	56
6B	Harris	NIL	3.90(2)	7.97	66	55
	Outlook	NIL	2.88	8.09	70	56
	Rosthern	.04	6.70	9.04	67	55
	Saskatoon	.13	6.14	8.74	67	56
	Elbow	NIL	1.40	9.79	69	57
	Tugaske	.13	2.96	9.93	67	56
	Dundurn	.05	4.50	8.55	68	56

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending 8 a.m. Sept. 11	
		Week ending 8 a.m. Sept. 11/67	Total since April 1	Normal since April 1	1967	Normal
			inches		degrees F.	
<u>SASKATCHEWAN</u> - Concluded						
7A	Alsask	.07	3.86	7.36	67	56
	Kindersley	.13	4.54	8.08	67	56
	Rosetown	NIL	6.69	8.99	64	55
7B	Macklin	N.R.	7.02(2)	9.06	N.R.	54
	Denzil	trace	8.22	8.90	66	53
	Scott	.04	7.26	9.08	66	53
	Biggar	.11	6.09	9.07	67	55
8A	Hudson Bay	.08	5.04	11.16	65	53
	Prairie River	.10	5.79	11.37	64	53
8B	Humboldt	.02	3.62	8.92	66	54
	Melfort	trace	3.95	9.98	68	54
9A	North Battleford	trace	7.95	8.72	67	55
	Victoire	.06	6.21	9.80	60	53
	Prince Albert	.01	5.49	10.11	65	54
	Island Falls	N.R.	4.70(2)	11.10	N.R.	51
9B	Waseca	trace	8.21(2)	10.41	64	53
SASKATCHEWAN AVERAGE		.03	4.55	9.80	67.1	55.4

ALBERTA

1	Empress	N.R.	4.28(2)	8.24	N.R.	57
	Foremost	NIL	9.52	8.40	69	57
	Manyberries	NIL	6.87	7.51	68	58
	Medicine Hat	trace	6.58	8.37	71	58
2	Brooks	.02	5.32	8.77	69	56
	Drumheller	NIL	3.91	8.76	68	54
	Gleichen	NIL	6.78	9.86	65	55
	Hays	.09	8.10	7.90	69	57
	Rainier	.06	7.91(2)	8.95	68	56
	Vauxhall	.04	9.20	7.98	68	56
	Raymond	.10	10.56	9.19	68	57
	Lethbridge	.03	10.77	9.98	68	56
	Trochu Equity	NIL	3.60	11.36	66	54
	Vulcan	trace	10.94	10.83	67	55
3	Calgary	.01	6.47	12.01	59	54
	Cardston	N.R.	11.58(2)	11.06	N.R.	55
	Pincher Creek	.03	12.65	12.02	66	54
	Fort MacLeod	NIL	11.28	11.07	67	57
	High River	.02	11.43	12.44	61	52
	Magrath	NIL	11.33	11.20	72	57
	Olds	NIL	7.70	12.96	63	52



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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. Sept. 11/67	since April 1	since April 1	8 a.m. Sept. 11	
			inches		1967	Normal
						degrees F.
ALBERTA - Concluded						
4	Alliance	N.R.	7.34(2)	10.00	N.R.	54
	Coronation	NIL	4.14	9.74	66	53
	Hughenden	NIL	6.63	9.98	65	54
	Lloydminster	NIL	7.28	10.10	65	54
	Stettler	.02	7.21	11.03	63	53
	Vegreville	.01	7.06	10.52	62	53
	Ranfurly	N.R.	7.46(2)	11.53	N.R.	53
	Vermilion	NIL	7.99	10.85	63	52
	Edmonton	trace	7.55	12.52	60	53
5	Lacombe	trace	7.18	12.85	61	53
	Red Deer	.01	8.21	12.09	62	53
	Rocky Mountain House	.22	8.98	14.49	59	52
	Wetaskiwin	trace	6.52	12.36	62	53
	Athabasca	N.R.	4.69(2)	11.55	N.R.	52
6	Campsie	.18	3.40	12.89	57	51
	Edson	.06	7.91	14.18	56	50
	Elk Point	.14	8.24	10.98	61	51
	Lac la Biche	.27	10.21	11.34	61	53
	Whitecourt	.26	3.90	13.61	56	50
7	Beaverlodge	.32	3.93	9.79	54	52
	Fairview	.08	4.85	9.67	57	52
	Ft. Vermilion	N.R.	8.80(2)	8.04	N.R.	50
	Grande Prairie	.26	4.06	9.59	56	52
	High Prairie	N.R.	2.84(2)	10.97	N.R.	51
	Peace River	.21	3.97	7.90	57	52
	Rycroft	.34	3.96	9.93	56	52
	Wagner	.64	5.52	10.22	59	51
ALBERTA AVERAGE		.08	7.29	10.57	63.2	53.7

N.R. - No report. (1) Source: Meteorological Service of Canada. (2) Incomplete; not included in average.