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## TELEGRAPHIC CROP REPORT - CANADA

This is the last of the 1959 series of nine 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 thirteen 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.

### SUMMARY

Maritime Provinces Last week the weather in Prince Edward Island turned clear and cool, enabling farmers to begin harvesting grain. However, as a result of unfavourable weather previously, large acreages are badly lodged and considerable grain is darkened, with a consequent reduction in yields. Potato blight is reported and a lowering of yields is in prospect. Pastures are maintaining their growth. In the Annapolis Valley of Nova Scotia, apple crop prospects are good, with early varieties now being harvested. Dry weather is improving conditions for the potato crop. Grain harvesting is about 85 per cent completed in the south shore area and about 50 per cent completed in central Nova Scotia. In eastern Nova Scotia some haying is still in progress. New Brunswick reports that the continuous wet weather during most of August and early September caused considerable damage to grains which have sprouted badly. Some haying has not yet been completed. Potato harvesting is in progress, with good quality and variable yields reported.

Quebec Warmer weather in Quebec during the past two weeks has permitted many farmers to complete cutting of cereals. However, some acreage remains to be harvested in the lower St. Lawrence, Lake St. John and Saguenay districts. Grain yields are somewhat below normal and in several districts quality has been affected by excess moisture. Warm weather at the beginning of September speeded growth of pastures and meadows, and milk production is a little better than normal for this time of year. Ensiling of a crop of fodder corn is underway in the Montreal district. Potato digging continues, but yields are only average. Canning of tomatoes and corn is underway. Satisfactory outturns are being obtained from horticultural crops with the exception of tomatoes. The tobacco harvest is well advanced and yields are good.

Ontario In Western Ontario seeding of winter wheat is proceeding under variable conditions. The corn crop in this area of the province is generally good. In southern Ontario harvesting of canning crops and tobacco is well advanced with the hot, humid weather maturing crops earlier than normal. In central and eastern Ontario harvesting of grain crops is nearing completion and silo filling is underway. In Eastern Ontario, corn is unusually heavy this year and fall pastures are excellent.

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

Prairie Provinces Good progress is now being made with harvesting in most areas of the Prairie Provinces following a long period of unsettled weather. Swathing is nearly completed in Manitoba and most of Saskatchewan and more than half done in Alberta. About 40-50 per cent of the threshing has been done in Manitoba and Saskatchewan, except for northern areas. In Alberta, except for the southeast, a large proportion of the threshing remains to be done. Grades have been reduced across the Prairies because of wet weather, and an undetermined amount of ~~damage~~ *damage* has been caused by frost in local areas.

British Columbia Generally poor, unsettled weather has prevailed over most of the province of British Columbia during the past two weeks, but so far has had no adverse effect upon maturing crops. In coastal areas pastures have improved. The potato harvest is well advanced, with second earlies having passed their peak, and netted gems expected to begin by mid-month. In the Interior, fruit crops are progressing favourably in spite of cooler weather, with pears now at their peak and late varieties of peaches maturing rapidly. In the Peace River country grain harvests are well advanced with close to normal yields reported.

#### MARITIME PROVINCES

Farmers in Prince Edward Island began harvesting grain last week when the weather became clear and cool. Earlier wet weather had resulted in large acreages of grain being badly lodged. Kernels were darkened. Consequently yields and quality this year are described as below average. Fertilized pastures and aftermath in meadows are producing very well. Late blight is reported in potato fields with many cases of the tops having been killed in August in the districts east of Charlottetown, while in the western sections the crop is still quite green. It is expected that yields will be reduced because of blight. Blueberry production is about average but cranberries are less than average. Pickling cucumbers and other processing crops are yielding well, and fodder corn and root crops are described as excellent. The apple crop is promising.

At Amherst, Nova Scotia, farmers have completed haying with slightly below average yields reported. All the grain has been combined or cut and stooked, with slightly better than average yields. Pastures are excellent for September and holding up well. At Truro, haying and harvesting of grains is proceeding rapidly since the weather has somewhat improved. Very heavy frost damage was reported on September 13 and 14. Potato digging is underway. Grain yields are good. In the Annapolis Valley moisture supplies are adequate to excessive. Threshing is progressing rapidly, with about average grain yields reported. Considerable blight is showing in potatoes and marketable yields are slightly below average. Pastures are good and fall grain seeding is well advanced. All tree fruits are developing satisfactorily under good conditions. Growers are harvesting Gravenstein apples and the quality is good. Clapps Favourite pears and Burbank plums are now past the peak of harvest and almost all of the small peach crop has been picked. There has been recent frost damage to cucumbers. Harvesting of carrots, parsnips and cabbage is well underway. In those areas of eastern Nova Scotia where haying is still in progress it is expected that large amounts will remain in the fields. The blueberry crop is almost over.

In New Brunswick the continuous wet weather during most of August and the first week in September caused considerable damage to grain crops. The ripe grain, which could not be harvested, lodged and sprouted badly. Yields will be down considerably. Some fields are still too wet to harvest. In the Fredericton district some haying has not yet been completed. Potato digging has commenced, with yields down somewhat.



Some late blight is reported. Pastures and aftermath are excellent but the timothy seed crop has been drastically reduced by unfavourable harvesting conditions. Root crops are doing well. Heavy frosts the nights of September 13, 14 and 15 killed all tender plants and damaged unripe cereals and beans. At Perth, the grain harvesting is practically completed with discolouration due to weather reported. Yields are fair. Farmers have commenced digging potatoes in most sections and harvesting operations will be general in one week. Quality is good and yields fair to good.

### QUEBEC

The Experimental Farm at l'Assomption east of Montreal reports the cigar tobacco harvesting is 90 per cent completed. The flue-cured tobacco crop of very good quality is also practically all under cover. The silage corn harvest is in full swing, with yields varying from average to very good. Yield of canning corn was very high and pastures are in very good condition. Sugar beet yields will be normal.

At St. Jean, south of Montreal, 5.2 inches of rain during August saved corn and tomatoes and fair yields are expected for both crops. Corn earworm and corn borers are particularly abundant this year throughout the district. Picking of the McIntosh apple crop begins next week, with quality and yield expected to be good. Farther east at Lennoxville, hot, humid weather prevailed until September 10. It has been cold since that date. Threshing and combining have been difficult due to wet weather, and some grain is still in the stook. The quality of crops has deteriorated although corn and pasture remain good. New hay seedings are doing well.

East of Quebec City at Ste-Anne-de-la-Pocatière 75 per cent of the cereal crops has been harvested and stored. Yields of wheat, barley and oats are not too good and quality is poor. Second-cut hay was harvested in good condition. Corn, turnips and pastures are doing well. A killing frost occurred on the night of September 14.

Despite one and one-half inches of precipitation during the past two weeks, 75 per cent of the harvest has been completed in the Normandin area. Yields are fair. The first frost occurred on September 12, with a killing frost on the 15th. Aftermath and pastures are in excellent condition. Potatoes are a good crop. Blueberries yielded very well but quality was only fair due to excessive rain.

### ONTARIO

Seeding of winter wheat and silo filling are now the major activities in Simcoe County of western Ontario. Seeding conditions are reported to be good. The corn crop is the best in many years and is maturing earlier than usual. Second-cut alfalfa is yielding well but bad weather caused much delay and some spoilage. Red clover promises a fair seed crop. Tobacco was about 90 per cent of the normal crop and is about three-quarters harvested. Potato prospects are about average. Pastures have been the best in years on most farms, and livestock are in generally good condition. In Wellington County some winter wheat has been sown under ideal conditions and indications are that the acreage seeded to this crop will be 25 per cent greater than last year. There is still some harvesting to be done, but this will be completed this week. Much of the grain is either sprouted or badly weathered. Late crops such as corn, potatoes and roots are generally bumper crops. Corn is maturing satisfactorily and silage should be of good quality. Some corn will likely be picked for grain this year.

In Waterloo County continuing dry weather is resulting in drought conditions and pastures are short. Seeding of fall wheat has commenced although the preparation of the seed bed has been difficult. In Halton County supplementary feeding of roughage is still necessary because of short pastures. The yield of silage corn is reported to be average with the majority of the crop harvested. Considerable fall wheat has been sown but a large acreage still remains to be seeded. Early-planted fall wheat is spotty due to the extremely dry conditions and rain is needed.

The hot, humid weather which persisted for several weeks in Essex County has hastened maturity of many crops especially canning tomatoes, peaches and corn. Soybeans have developed well. The canning corn harvest is completed and processing of tomatoes is about three-quarters finished. The tobacco harvest and silo filling operations are nearing completion. The ground is being prepared for the seeding of winter wheat. The harvesting of fruits and vegetables is continuing.

The soybean crop on Pelee Island is maturing rapidly, and harvesting is expected to commence next week. Samples indicate that the beans may be small and the anticipated yield is below average. Seeding of fall wheat has been delayed due to a lack of moisture. Harvesting of a below average crop of white beans is well advanced in Kent County. The quality of the crop is excellent. Soybeans have made an excellent recovery from drought and prospects are for a normal yield. Maturity of corn is about two to three weeks ahead of normal. Harvesting of early tobacco is nearly completed. Canning crops are well advanced and about two to three weeks earlier than usual. There is little insect injury occurring at present. In Norfolk County weather conditions are ideal for early fall growth. An excellent crop of silage corn is now being harvested and grain corn is equally promising. Fall pastures are in very good condition and potatoes and root crops are looking well. The tobacco harvest is about finished but labour has been a problem on some farms. Apples are colouring well and will be a good crop.

According to a report from the Dominion Entomological Laboratory at Vineland there has been cool, wet weather in Lincoln County since the heat wave broke on September 10. Harvesting of Elberta peaches is underway with unusually heavy oriental fruit moth infestation reported caused by hot, humid weather during late August and early September. Harvesting of Bartlett pears is completed with codling moth damage greater than normal. The prune crop is light and moderately infested with apple maggot.

In Prince Edward County rain has interrupted the prolonged drought over most of the county. The tomato crop is smaller than usual with early varieties suffering from scald and later varieties excellent. The canning of tomatoes and corn is nearing completion, and canning of pumpkins has commenced. Spring grain yields were excellent and the hay crop was good. Pastures are poor and milk flow is steady because of supplementary feeding. Apple yields are less than normal this year with poor size and colour reported. Seeding of winter wheat is general in York County and a recent rain was very welcome. Silo filling operations are underway and the corn crop is excellent. In Peterborough County seeding of winter wheat is proceeding under fair to good conditions. An excellent crop of well cobbled silage corn is now being harvested. There was a light frost in low lying areas on September 11.

Silo filling operations are well advanced in Leeds County. The corn crop is very heavy and well matured. This has been an excellent year for crops and winter feed supplies are ample. The grain harvest was difficult and some spoilage and heating is occurring in storage. Pastures are excellent and milk flow is about normal.



In Dundas County the grain harvest is nearly complete. Moisture supplies are ample and as a result fall pastures are in excellent condition. Silos are now being filled and many farmers have surplus corn due to the heavy crop. A good crop of fall apples is now being picked. New seedings of grass and legume crops are in good condition.

Harvesting of ensilage corn is underway in Renfrew County. The crop is somewhat less than average but well matured. Second-growth alfalfa has a fair set of seed but harvesting may prove difficult due to the lush growth during the past month. Pastures are in excellent condition. Most of the fall wheat has been seeded and indications are that there has been some increase in acreage. A report from Kapuskasing indicates that harvesting of cereal crops was completed about September 4. Yields were generally poor, especially oats. Pasture growth remains excellent. The first killing frost occurred on September 13.

### MANITOBA

Sunny, but generally cool weather in Manitoba has favoured drying of swaths and most farmers resumed harvesting towards the end of last week. East of the Red River muddy conditions make harvesting difficult. Swathing south of the Riding Mountain is nearly completed, and threshing is 40 per cent finished. Threshing east of the Red River and north of Dauphin is about 15 per cent completed. Most wheat is grading about 3 northern, the lower quality being due to weathering. Frost has been reported in many districts, but fortunately it was not severe.

Harvesting recommenced last Thursday at Vita in south eastern Manitoba. Some areas have been completed with the exception of flax while in other areas farmers have just started. Some standing crops were shattered by high winds. There has been a further reduction in both yield and grades in this area. The cereal harvest is practically completed at Altona and half the flax and peas have been harvested. Soybeans were reasonably matured before the recent light frost but corn has been affected. The sugar beet harvest commenced last Monday and it will be in full swing by the end of the week. Sunflowers are maturing well. Fall cultivation is well in hand due to the fine weather. Harvesting is progressing well at Morden after many delays. Wheat is grading up to 3 northern with most of it below this grade. The sample is weathered and weight per bushel has been reduced. Wheat yields are averaging 20 bushels per acre, oats 40, barley 28 and flax 8. Combining is 90 per cent completed, with mostly flax remaining. Corn and sunflower crops are good, with corn yields anticipated at 35 bushels. Pastures are in good shape and the vegetable crop is excellent.

Our correspondent from Pilot Mound reports that after receiving 3 degrees of frost on September 10, warm dry weather has prevailed. Harvesting is progressing rapidly, with yields and grades varying due to hail damage and weathering. Pastures are exceptionally good. At Melita only light scattered precipitation has been received but harvesting progressed very little during the past week. About 10 per cent of the wheat and 20 per cent of the coarse grains and 40 per cent of the flax remain to be harvested. There has been no reduction in yields, pastures are still satisfactory and there are sufficient hay supplies in this area. About 4 degrees of frost were received last week. Harvesting of cereals is about 50 per cent completed at Somerset and some swathing of flax remains to be done. Wheat is yielding between 25 to 45 bushels per acre and grading number 3 northern.



Combining of cereal grains varies from 60 to 100 per cent complete in the Portage la Prairie area. Harvesting of peas, flax and sugar beets is just beginning. Rains have reduced the quality of cereals, although sprouting is not a serious factor. A sharp frost stopped further growth in the fields. Flax quality is good with above average yields expected and potatoes are a good crop.

The Experimental Farm at Brandon reports that combining is again underway following two weeks of interruption due to wet weather. Sixty per cent has been threshed in the district and swathing is virtually completed. Light frost has damaged garden stuff, but grain is unaffected. Warm, dry weather is urgently needed to prevent serious degrading of crops presently in the swath. Pastures have benefitted from recent rains. Swathing of all cereals has been completed at Virden and combining is well advanced. One week of dry weather is required to complete harvesting. The quality of grain is much lower because of rains. Summerfallow yields are generally good, but second crop returns are only fair. Most wheat is now grading number 3 or poorer. Pastures are good.

In the Interlake district at Arborg, swathing is 90 per cent completed and threshing is in full swing. Barley yields have been reduced by rust and also by excessive heat. Anticipated yields for barley are 25 bushels per acre, oats 35 and wheat 25 to 30. Wheat is grading number 3 and oats and barley, number 1 feed.

In west-central Manitoba at Minnedosa, harvesting was also resumed last week. Wheat is about 50 per cent harvested and oats and barley 70 per cent. The quality of wheat has been reduced about one grade due to the rains. Yields of all cereal crops are good and pastures are holding out well. Favourable progress is now being made with harvesting at Shoal Lake. Approximately 50 per cent of the cereals has been combined. Some barley has been sold in carload lots for malting purposes. A severe frost last week killed most garden vegetation.

In northern Manitoba at Dauphin, harvesting is only 20 per cent completed. Yields are good in this district and pastures and summerfallow are also in good condition. Wheat is grading 3 and 4 northern, with oats and barley mostly in the feed grades. Given warm dry weather, the crop will come off in fair condition.

The Entomological Laboratory at Winnipeg states that there is no insect damage to report. The Canadian Hail Underwriters Association reports hail storms in Manitoba as follows: September 4 - Cordova and Neepawa, light; September 5 - Pilot Mound to Manitou to Carmen to Sperling, heavy to medium; Cartier area, medium, Winnipeg to Selkirk to Lac Du Bonnet, light; September 8 - Cartwright, Cromer and Butler, light, McCauley and Beulah, light to medium.

Average precipitation since April 1, has been 6 per cent above normal as compared with 8 per cent above normal a week ago, 3 per cent above normal two weeks ago and in contrast to 31 per cent below normal for the same period last year. The mean temperature for the week ending September 14 was .7 degrees above normal compared with 3.8 degrees above normal a week ago, 6.1 degrees above normal two weeks ago, and 4.3 degrees above normal for the week ending September 15, 1958.

#### SASKATCHEWAN

After being delayed by wet weather harvest operations are now underway again in most areas of Saskatchewan. About 80 per cent of the wheat, and 85 per cent of the coarse grains have been cut, while about 40 per cent of the wheat, 50 per cent of the



oats and barley and 10 per cent of the flax have been threshed. The harvest has made good progress in southern and central districts but damp conditions have slowed up operations in northeastern areas. Heavy dews have also shortened the workday. Some crops are yielding higher than anticipated.

In the southeast part of the province in the Fillmore district the wheat harvest is 75 per cent complete, and about 85 per cent of the oats and barley have been threshed. Very little flax has been harvested to date. Heavy rains have further reduced wheat grades. The wheat crop is yielding slightly above the long-term average while flax, oats and barley are average.

The potato crop is adequate for local needs. According to the Experimental Farm at Indian Head combining in that district got into full swing again over the past weekend after a ten-day halt due to wet weather. Wheat suffered some bleaching but yields are better than anticipated with many fields turning out 30 bushels to the acre or better. Threshing is about 75 per cent completed in the area and should be practically finished by the end of the week if good weather prevails. Pastures are in excellent condition.

The Experimental Farm at Swift Current in the southwest part of the province reports that light rain with cool, cloudy weather delayed harvesting temporarily last week. About 90 per cent of the swathing has been done and some 60 per cent has been combined. Yields and grades are slightly higher than expected. Very little flax has been harvested to date but average yields are expected to be 8 bushels per acre. In the Val Marie district 80 per cent of the wheat, 65 per cent of the oats and 95 per cent of the barley have been harvested. The weather has been windy but mostly dry. Range grass is still green and providing good grazing.

Warm, dry weather is needed to dry out the wet swath and harden the grain in the Togo district in the east-central part of the province. About 50 per cent of the combining has been done but this has been mainly coarse grains. Swathing is 90 per cent completed. Grain samples show heat damage and frost damage with 4 Northern being the dominant grade in wheat and 1 Feed in barley. Ten days of good weather are needed to complete combining. At Willowbrook unfavourable weather conditions have also held up harvesting. Most crops are now in the swath with about 20 per cent of the threshing completed. Yields are good but the quality has deteriorated. Recent heavy rains caused sprouting and mildew and could further reduce the grades of all grains. Yesterday was sunny. Farther north at Sturgis our correspondent estimates that only 5 per cent of the crop is combined. The weather has been damp and several heavy rains have fallen. Yields are good but frosts and mildew have lowered grades.

Harvesting was delayed two weeks by rain around Drake in the central part of the province. Coarse grains are two-thirds and wheat one-half combined. No flax has been harvested yet. Coarse grains are yielding below average but wheat yields are average and the sample is grading No. 3 Northern. Before the recent rains the grade was No. 2. Fall land tillage is beginning and livestock are in good condition. In the Saskatoon district harvesting operations are progressing well, following recent rains.

Fifty per cent of the threshing has been done in the Rosetown area in the west-central part of the province, but damp and dull weather has slowed up operations. Up to the present there has been negligible damage from weather. Wheat grades are mostly 2 and 3 Northern and the protein content is high. Flax is grading No. 1 and average yields are estimated at 8 bushels per acre. The Experimental Farm at Scott reports that showers totalling .84 inches have further delayed harvesting and very little has been done since the last report. The extent of damage from frost on September 8 is not known but it was



more severe in the northern areas. Second-growth and green weeds are causing harvesting difficulties and yields are deteriorating gradually. At Leader harvesting is progressing well despite poor weather. Some three-quarters of the grain and a small amount of flax have been threshed.

The Experimental Farm at Melfort in the northeast part of the province reports that unsettled weather has hindered harvesting operations. About 50 per cent of the barley but not more than 10 per cent of the wheat has been combined to date. Some deterioration has occurred to grain in the swath by weathering and more damage was done by nine degrees of frost reported on the night of September 14. Pastures and livestock are in good condition.

The Entomological Laboratory at Saskatoon reports the probability of severe infestation of pale western cutworm larvae in many districts of west-central Saskatchewan next year. This is indicated by the adult survey just completed.

The Saskatchewan Municipal Hail Insurance Association reports the following storms since the last report: September 6 - scattered storms principally at Craik, Kindersley, Marengo, Mantario, Glidden, Eston, Tisdale, Nipawin; September 8 - Fillmore, Rocanville, Whitewood and Melville. Losses on both dates light to medium. An average number of claims for the season were received but the aggregate loss was higher than normal indicating larger losses per farm. The Canadian Hail Underwriters Association reports the following storms: September 6 - Melfort to Ridgedale to Arborfield, light to medium; Lipton, Hubbard, Goodeve area, light; Meadow Lake, Goodsoil area, light to medium; Albertville and Eldred and Big River areas, light; scattered storms at Hillmond, Fairholme, Prince, Mantario, Brock, Davidson, Cedoux, Abernethy, Whitewood, Wroxton, Wadena, light; September 8 - scattered storms at Tadmore, Verigin, Insinger, Langenburg, Atwater, Peebles, Beechy, Rocanville, light.

Average precipitation for the province since April 1 has been 6 per cent below normal as compared with 8 per cent below normal a week ago, 16 per cent below normal two weeks ago and 37 per cent below normal a year ago. Mean temperature for the week ending September 14, 1959 was 1.7 degrees above normal compared with 1.8 degrees above normal a week ago, 0.9 degrees above normal two weeks ago and 6.6 degrees above normal for the week ending September 15, 1958.

#### ALBERTA

As a result of drier weather in Alberta, good progress has been made with harvesting, with the exception of flax. Many farmers have almost finished their harvest in the southeast of the province. In other areas swathing is from 50 to 85 per cent completed. Very little grain has been threshed in the Edmonton and Athabasca areas but some wheat and 15 to 25 per cent of the barley has been threshed in other districts. Yields appear to be as good as anticipated. The extent of frost damage cannot yet be determined but overall losses will likely be moderate. Most injury occurred in western and east-central districts and through the White Court and Athabasca areas.

Harvesting of wheat is almost completed in the Manyberries area in the southeast of the province, but some flax remains to be combined. Grain yields have been much lower than in the past few years. Rains, however, have improved grazing conditions greatly and livestock are in good condition. Harvest is 98 per cent completed in the Medicine Hat district, with yields estimated as follows: wheat, 12 to 15 bushels per acre; barley and oats, 20 to 25; and flax, 6 to 10. Wheat is grading No. 2 to 5 and oats and barley 2 and 3 C.W. Wind caused some damage to swathed flax. Moisture conditions are fair and livestock in good condition.



The Research Station at Lethbridge reports grain harvesting almost complete in the area east of Taber. South of Lethbridge wheat is about 55 per cent completed while to the west about 45 per cent of the harvest is done. Wheat and barley yields are reported to be at least average, and flax prospects are satisfactory. Many late grain fields, however, may be damaged by frost. Winter wheat seeding is general. Harvesting of a slightly above average sugar beet crop started September 15. The canning corn harvest is rather low. Harvesting of fall grains is about completed in the Cardston area, with good grades and yields reported. About 75 per cent of the barley has been threshed and 20 per cent of the other grains are under cover. Moisture supplies are ample to germinate fall-sown grains. Pastures fairly good, and livestock are in good condition. Cold, wet weather is holding up harvesting in the Claresholm area. Swathing is about 80 per cent completed, with threshing only 20 per cent done. Yields and grades are good, but warm, sunny weather is needed to complete harvest. If wet weather persists, grades of all grains will soon deteriorate.

A good second crop of alfalfa and green feed is being put up on the Brooks area where the cereal harvest is about 65 per cent complete. Yields are fair to good and a light frost last week did not cause much damage. Rain was falling on the 15th subsequent to a ten day period of dry weather. Farther west at Vulcan, harvesting progressed slowly during the past week due to cool cloudy weather, with frost in low-lying areas. Oats and barley are nearly all threshed but only 25 per cent of the wheat has been harvested to date. Most of the wheat will be in the milling grades, but barley is badly stained.

East of Calgary at Hanna, harvest has been very backward due to cool wet weather. About half of the cereal crops has been threshed with ten per cent turning out tough and damp. Green weeds are a problem in crops. Five degrees of frost did little apparent damage. A week of good weather will see the end of combining. Intermittent rains have kept harvesting operations in the Calgary area at a minimum. About 40 per cent of the wheat and oats and 75 per cent of the barley have been cut, but only about 10 per cent of the wheat and oats and 25 per cent of the barley have been threshed. Fairly heavy frost on September 8 will lower yields and grades.

A heavy rain last Tuesday delayed combining in the Donalda area of central Alberta. Grain is drying slowly and some fields are too wet to carry machines. Weather remains unsettled, and harvesting in this area has been very backward. Wet weather has also delayed harvesting operations in the Stettler area. No wheat has been threshed to date and some barley is sprouting in the swath. Wheat shows some signs of rust. Yields are still estimated at wheat 25 bushels per acre, barley 25 and oats 35.

Cool unsettled weather has delayed harvesting in the Red Deer area. While 60 per cent of the crop has been swathed, only 10 per cent has been threshed. Most crops show slight frost damage and swathed grain is badly weathered. Yields are estimated at: wheat, 28; barley, 33; and oats, 45 bushels per acre. The second cutting of hay is underway but both yield and quality are inferior. Unsettled weather for the past month has also delayed harvesting and threshing in the Lacombe area. No oats and wheat have been threshed to date and only 10 to 15 per cent of the barley crop is under cover. Killing frosts occurred on September 7 and 9, damaging spring wheat, late oats and barley. Yields are expected to run at about 90 per cent of normal. Farther west at Eckville, cool damp weather is still delaying harvesting operations, with swathing 95 per cent completed, but combining only 15 per cent done. Grain is a fair crop. Summerfallows are in fairly good condition, pastures are fair and a second cut of alfalfa is now being taken off.



In the Vermilion area, east of Edmonton, half of the grain has been swathed but only 10 per cent of the wheat is combined. Cloudy weather prevails, causing grain to take on moisture. A number of farmers are waiting to straight combine, but a growth of green weeds will slow up progress. Weather permitting, combining should be general by September 17. Weekend showers again delayed harvesting and lowered the quality of grain in the Edmonton area. Only a small percentage of the crops has been threshed to date.

Northeast of Edmonton at Bonnyville, dry weather during the past week has permitted harvest to proceed rapidly. About 80 per cent of the grain is now cut but little threshing has been done. A heavy frost on the night of the 8th damaged quality of crops but is not expected to reduce yields substantially. North of Edmonton, at Colinton, about 85 per cent of the grain crops has been cut and some swaths are turning out good quality grain. Legume and grass crops are good and pastures are fair. Dry sunny weather is needed.

At Falher in the eastern part of the Peace River District, frost has killed all growing cereal crops. Forty per cent of the barley and some wheat and oats have been harvested. Wheat is yielding about 30 bushels per acre, with oats and barley yielding 40. Wheat is grading No. 5; oats, Extra Feed; and barley, half malting and half No. 1 feed. Weather remains cloudy and cold. Some rape has yielded as much as 1,000 pounds per acre. In the Beaverlodge area, in the western part of the District, harvesting of barley and oats is half completed but progress is slow due to showery weather. Yields are moderate and good, and quality satisfactory except where limited frost damage and sprouting in the swath occurred. Harvesting of wheat and flax is now commencing. Brome harvest is nearing completion, with satisfactory yields. Harvesting of red clover and alsike has not yet commenced. At least two weeks of warm dry weather will be required to complete harvest. North of the Peace, at Berwyn, frost has caused considerable damage over most of the area. Wheat is about 20 per cent harvested with the average grade being No. 4. Barley and oats are about 60 per cent harvested and very light in weight. Second growth is delaying harvest of some crops. Flax is 10 per cent harvested and rape 50 per cent. Pastures are fair. Good hay is in short supply. The clover seed crop is fair.

The Alberta Hail Insurance Board reports that hail storms on September 6 caused about 20 per cent damage to oats in a strip four miles by ten extending from Gibbons to Fort Saskatchewan. Slight local damage also occurred at Lanfine, Metiskow, Holden, Haight, Mundare and Derwent. The Canadian Hail Underwriters Association reports light storms on September 6 extending from Coronado to Fort Saskatchewan to Chipman to Hilliard. Scattered storms were also reported causing light damage at Thorhild, Morinville and Excel.

Average precipitation for the province since April 1 has been 3 per cent above normal as compared with 2 per cent above normal a week ago, 5 per cent above normal two weeks ago, and in contrast to 15 per cent below normal a year ago. Mean temperature for the week ending September 14 was 1.8 degrees above normal compared with 2.2 degrees below normal a week ago, 3.0 degrees below normal two weeks ago and 7.3 degrees above normal for the week ending September 15, 1958.

#### BRITISH COLUMBIA

Prolonged wet weather has delayed the harvesting of cereal grains in the West Kootenay district of British Columbia. The quality of grain and second-cut hay has been lowered. However, pasture growth is showing considerable improvement. Pears and apples are now being picked with average yields, while late apples are sizing well.



Generally cool and rainy weather, with intermittent sunny days has persisted throughout the North Okanagan Valley and interfered with hay making and grain harvest in the area. Ranges are still well grassed, but frequent frosts above four thousand feet are forcing cattle to lower levels.

Precipitation during the first two weeks of September has reached 3.28 inches, with unseasonably cool temperatures, in the Lower Fraser Valley. Harvesting of canning corn is commencing this week with only average yields reported on account of considerable loss from lodging. Pastures are good and the third cutting of grass and clover is heavy. The main potato crop harvest at Ladner substation is to commence on September 16.

A late harvest, but with good yields, of second early potatoes is reported from the Vancouver Island district. Late potatoes are sizing well but will require continued good weather until the end of the month to reach last year's grade and yield. Pasture conditions are gradually improving.

In the Peace River Block, showery weather is hindering both grass and grain crop harvests. Barley is 20 per cent harvested, but that in swaths is showing some sign of sprouting. Some wheat has also been swathed. Little frost damage has been reported so far.



Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

Province and Crop District Station	Precipitation			Mean Temperature		
	Week ending 8 a.m. Sept.14,1959	Total since April 1	Normal since April 1	Week ending 8 a.m. Sept. 14 1959	Normal	
	- inches -			- degrees F. -		
<b>MANITOBA</b>						
1	Pierson	.03	10.05	11.93	55	56
	Melita	.02	11.77	13.03	57	55
	Waskada	NIL	12.71	12.23	57	56
2	Boissevain	.03	14.23	12.37	58	56
	Deerwood	N.R.	7.37 <sup>2/</sup>	12.31	N.R.	56
	Ninette	.05	10.38	12.78	55	57
	Pilot Mound	.38	17.12	12.84	57	56
3	Portage la Prairie	.11	15.65 <sup>2/</sup>	12.44	56	56
	Graysville	NIL	12.70 <sup>2/</sup>	11.78	54	56
	Morden	.07	13.06	12.57	60	56
	Altona	NIL	14.35	12.25	57	56
	Morris	NIL	16.68	11.54	58	56
	Roland	.07	13.18	12.23	56	56
	Gretna	Trace	12.35	12.42	60	56
	Emerson	Trace	16.53	12.38	58	56
4	Winnipeg	.03	16.52	12.18	57	57
6	Sprague	.11	15.84	13.93	56	54
	Seven Sisters Falls	.06	12.61	11.81	56	53
	Steinbach	.04	19.66	12.64	56	57
7	Virden	.08	9.53	11.60	56	54
	Reston	.04	8.90	12.00	57	55
	Rivers	.08	8.49	13.13	56	54
8	Brandon	.30	11.78	13.16	55	55
	Cypress River	.10	12.82	12.00	56	55
9	Neepawa	.32	11.14	12.29	54	54
	Grass River	.10	9.60	12.64	54	52
10	Russell	.26	8.66	11.10	51	52
	Rosburn	.69	14.79	11.43	54	53
	Birtle	.85	12.94	11.95	54	53
11	Dauphin	.46	12.02	11.38	53	53
12	Gimli	.01	11.95	12.26	54	53
13	Swan River	1.21	12.16	11.38	51	51
	The Pas	.87	12.37	10.31	49	52
MANITOBA AVERAGE		.20	12.90	12.19	55.5	54.8
<b>SASKATCHEWAN</b>						
1A	Estevan	Trace	10.24	11.87	58	55
	Carlyle	NIL	8.62	11.22	55	52
	Oxbow	.01	8.24	11.69	56	55
	Willmar	.02	8.92	11.17	N.R.	N.R.
1B	Broadview	.61	10.57	12.23	51	53
	Moosomin	.18	10.45	12.33	55	53
2A	Yellow Grass	.11	7.98	10.49	56	54
	Greelman	.06	9.89	10.76	57	53
	Weyburn	.15	8.32	10.70	58	54
	Midale	NIL	9.16	10.43	58	55

Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

Province and Crop District Station		Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. Sept.14,1959	since April 1	since April 1	Sept. 14 1959	Normal
		- inches -			- degrees F. -	
<b>SASKATCHEWAN</b> (continued)						
2B	Moose Jaw	.21	7.44	9.67	57	56
	Regina	.21	10.03	10.12	57	54
	Francis	Trace	7.45	9.83	56	54
	Qu'Appelle	.33	10.64	11.20	53	55
	Indian Head	.23	11.72	10.40	55	53
	Wilcox	.15	7.82	10.23	57	53
3AS	Assiniboia	.06	6.76	9.96	58	57
	Ormiston	.19	5.95	10.34	58	55
	Readlyn	.10	6.66	10.34	58	55
	Minton	.11	8.94	11.27	58	55
	Cardross	.04	7.58	10.19	56	55
	Ceylon	.18	9.14	11.62	58	54
3AN	Chaplin	.12	9.70	8.98	56	53
	Gravelbourg	.03	8.77	9.69	57	54
	Coderre	.10	8.19	9.72	57	53
3BS	Shaunavon	.20	9.14	8.82	58	52
	Cadillac	.11	5.39 <sup>2/</sup>	9.92	56	53
	Pambrun	.10	6.67	10.13	58	53
	Aneroid	.05	6.01	9.02	58	53
	Instow	.32	8.46	9.23	57	52
	Pennant	.84	8.74	8.82	57	55
3EN	Swift Current	.36	10.85 <sup>2/</sup>	10.10	56	54
	Hodgeville	N.R.	5.99 <sup>2/</sup>	10.03	N.R.	55
	Hughton	.29	8.26 <sup>2/</sup>	8.39	56	53
	Maple Creek	N.R.	7.33 <sup>2/</sup>	8.77	N.R.	55
4A	Consul	Trace	5.77 <sup>2/</sup>	7.91	55	52
	Cupar	.24	8.01 <sup>2/</sup>	9.61	55	51
5A	Leross	N.R.	8.82 <sup>2/</sup>	10.43	N.R.	51
	Melville	.47	13.54	10.43	54	51
	Yorkton	.63	14.57	10.72	53	52
	Bangor	.43	11.23	10.77	54	52
	Dafoe	.84	11.11	11.63	53	49
	Foam Lake	N.R.	6.13 <sup>2/</sup>	10.97	N.R.	51
5B	Lintlaw	1.07	10.79	10.83	50	49
	Kamsack	.79	11.84	10.58	53	51
	Arran	1.08	12.83	10.58	50	51
	Pelly	N.R.	11.04 <sup>2/</sup>	10.75	N.R.	51
	Davidson	.46	7.03 <sup>2/</sup>	8.68	55	52
	Dilke	N.R.	7.34 <sup>2/</sup>	8.81	N.R.	N.R.
6A	Imperial	N.R.	8.93 <sup>2/</sup>	9.02	N.R.	52
	Semans	.64	7.92	8.54	55	52
	Strasbourg	.45	8.35	9.61	55	52
	Watrous	.99	10.14	8.67	53	53
	Harris	.88	6.39 <sup>2/</sup>	8.50	52	53
	Outlook	1.01	9.35	7.96	55	53
6B	Saskatoon	.91	7.21	9.67	54	52



Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

Province and Crop District Station	Precipitation			Mean Temperature		
	Week ending 8 a.m. Sept.14,1959	Total since April 1	Normal since April 1	Week ending 8 a.m. Sept. 14 1959	Normal	
		- inches -		- degrees F. -		
<b>SASKATCHEWAN (concluded)</b>						
6B	Elbow	.33	10.48	7.99	52	53
	Tugaske	.78	9.44	9.05	55	53
	Dundurn	1.11	7.34	8.80	54	53
	Rosthern	N.R.	6.00 <sup>2/</sup>	9.68	N.R.	53
7A	Kindersley	.31	6.40	8.17	54	52
	Rosetown	.65	8.43	9.27	51	52
7B	Macklin	.69	8.23	9.01	53	51
	Scott	.43	7.73	9.11	52	52
	Biggar	.54	7.91	9.14	52	53
8A	Hudson Bay	.67	14.94	10.84	50	51
	Prairie River	.97	12.91	10.52	48	52
8B	Humboldt	1.16	9.04	8.83	52	52
	Melfort	1.17	11.38	10.21	51	52
9A	North Battleford	.40	7.34	8.92	54	54
	Victoire	N.R.	7.37 <sup>2/</sup>	9.61	N.R.	51
	Prince Albert	1.23	7.15	10.25	51	53
	Island Falls	.37	11.50	11.52	48	51
9B	Waseca	.96	12.14	9.36	51	50
	St. Walburg	.75	13.98	9.87	50	50
SASKATCHEWAN AVERAGE		.44	9.33	9.93	54.5	52.8
<b>ALBERTA</b>						
1	Bindloss	.50	5.59 <sup>2/</sup>	6.96	51	54
	Empress	.32	7.10	6.48	58	54
	Excel	.72	9.79	8.22	53	52
	Foremost	.34	7.33	9.20	62	56
	Hanna	.80	9.04	8.76	54	53
	Manyberries	.25	7.33	6.96	62	56
	Medicine Hat	.26	6.48	8.35	62	57
	Naco	N.R.	6.63 <sup>2/</sup>	8.16	N.R.	52
	Oyen	.70	7.83	7.57	N.R.	N.R.
	Winnifred	.26	6.65	7.62	N.R.	N.R.
2	Brooks	.12	7.22	8.41	55	56
	Drumheller	.46	9.68	8.54	56	57
	Gleichen	.23	11.95	9.42	55	52
	Hays	.15	8.25	8.09	59	54
	Hussar	.43	11.77	9.08	N.R.	N.R.
	Raymond	.24	11.86	9.79	58	55
	Lethbridge	.14	11.66	10.10	N.R.	55
	Strathmore	.37	10.38 <sup>2/</sup>	10.35	50	50
	Taber	.23	10.10	8.78	58	56
	Three Hills	.23	12.37	10.31	52	51
	Trochu	.22	10.81	11.06	52	50
	Vauxhall	.12	8.52	8.11	58	54
	Vulcan	.16	17.52	9.58	55	50
3	Calgary	.25	12.57	11.88	53	53



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Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

Province and Crop District Station	Precipitation			Mean Temperature		
	Week ending	Total	Normal	Week ending 8 a.m.		
	8 a.m.	since	since	Sept. 14		
	Sept.14,1959	April 1	April 1	1959	Normal	
			- inches -	- degrees F. -		
<b>ALBERTA (concluded)</b>						
3	Cardston	.33	9.79	10.76	58	53
	Cowley	.25	10.64	11.00	56	54
	Fort MacLeod	.24	11.43	10.86	56	56
	High River	.05	12.36	12.68	54	51
	Magrath	.20	9.14	10.48	59	55
	Olds	.44	14.14	12.26	53	50
4	Alliance	1.02	11.70	10.71	52	51
	Camrose	N.R.	7.73 <sup>2/</sup>	10.34	N.R.	51
	Coronation	1.37	9.11	10.62	53	52
	Hardisty	.63	9.30	10.17	53	N.R.
	Hughenden	1.28	9.02	9.92	53	54
	Lloydminster	.79	11.28	9.40	51	50
	Stettler	.95	11.17	11.37	53	50
	Vegreville	.71	11.79	10.49	53	49
	Vermilion	.74	10.10	11.47	52	50
5	Edmonton	.74	11.97	11.86	55	53
	Lacombe	.74	11.49	12.74	53	50
	Red Deer	.42	12.96	11.73	54	51
	Rocky Mountain House	.65	15.10	16.16	53	47
	Wetaskiwin	.83	11.59	11.79	52	51
6	Athabasca	N.R.	10.27 <sup>2/</sup>	10.80	N.R.	50
	Campsie	.03	10.51	12.37	51	50
	Edson	.91	12.73	13.57	48	51
	Elk Point	.23	10.66	10.16	51	48
	Embarras	.11	14.44	8.73	48	48
	Lac la Biche	NIL	14.24	11.09	52	50
	Whitcourt	.04	12.80	14.11	52	49
7	Beaverlodge	.01	8.79	9.48	51	51
	Berwyn	NIL	5.72 <sup>2/</sup>	8.96	48	50
	Fairview	NIL	10.46	9.64	52	51
	Ft. Vermilion	.08	6.67	7.77	48	51
	Grande Prairie	NIL	6.40	9.08	N.R.	51
	High Prairie	NIL	7.50	10.93	50	51
	Rycroft	NIL	7.08	9.06	50	51
	Wagner	.06	8.20	10.70	53	50
<b>ALBERTA AVERAGE</b>		.38	10.38	10.09	53.7	51.9

N.R. - No report.  
<sup>1/</sup> - Source: Meteorological Service of Canada.  
<sup>2/</sup> - Incomplete; not included in average.