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DOMINION BUREAU OF STATISTICS
TELEGRAPHIC CROP REPORTS - CANADA

This is the last of the 1957 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.

S U M M A R Y

Maritime Provinces Showery weather during the past two weeks has hampered grain harvesting throughout the Maritime Provinces but has benefited root crops, pastures and hay aftermath. In Prince Edward Island, potato digging will not be general for another ten days or two weeks. About one-half of the grain crop is harvested. The potato harvest is now general in Nova Scotia with satisfactory yields reported and the grain harvest is well advanced. Pasture conditions are variable. Reports from New Brunswick indicate that potato digging is general while about two-thirds of the grain has been harvested. Root crops have greatly improved recently.

Quebec Harvesting is almost completed in most parts of Quebec and large quantities of excellent quality grain have been stored. However, the dry weather which was favourable for harvest had an adverse effect on pastures and second growth of meadows, with the latter only beginning to recover after rain. The milk flow has remained steady but farmers have had to resort to feed mixtures to supplement scarce fodder supplies. Yields of potatoes, tomatoes and corn will likely be a little below average due to early frosts in some areas and low night temperatures in a number of regions. Other truck and fruit crops will yield well with the exception of the blueberry crop which was greatly reduced by frost.

Ontario Heavy rainfall was received in practically all parts of Ontario during the past week. As a result, pastures, many of which were dried out in August, are improving rapidly and should remain in fairly good condition now until freeze-up. Rainfall has also supplied ample moisture for the preparation and seeding of fall wheat land, the acreage of which will likely be slightly below normal due principally to the prevailing low price for this commodity. Corn for fodder and late potatoes suffered from the previous dry weather, and yields in many fields range from considerably below average to only fair. The cutting of grain crops is practically completed throughout the province with spring grains giving the best yields on record in Old Ontario and about normal yields in northern Ontario. Flue-cured tobacco harvesting is practically completed, with total production reduced sharply by earlier unfavourable weather and hail. Other late crops, however, such as turnips, corn for husking, soybeans, dry beans and sugar beets are generally making fairly satisfactory growth, particularly in areas where the heavy acreage of these crops is located.

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1957.

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Prairie Provinces Very little progress has been made with harvesting in the Prairie Provinces during the past two weeks. Widespread showers have kept machines out of the fields and caused deterioration in quality, particularly in swathed grain. Only 45 per cent of the grain harvest has been completed in Manitoba, about one-half in Saskatchewan and a considerably smaller proportion in Alberta. Dry, warm weather is urgently required to reduce the moisture content of the unthreshed grain and to facilitate completion of harvest.

British Columbia Fine warm weather has prevailed over most of the province during the past two weeks. Harvesting of grain crops is well advanced in all southern regions, general in the central interior area but quite backward in the Peace River District. Harvesting of McIntosh apples is well under way in the Okanagan Valley, with both colour and size the best in several years. Picking of Delicious apples and Anjou pears is just commencing. Harvesting of hops is under way with good yields in prospect.

MARITIME PROVINCES Recent rains have benefited root crops and pastures in Prince Edward Island. The grain harvest is generally under way although damp weather has held up operations. Average to better than average yields are reported. Early potatoes are being dug, with yields and quality good. Late varieties show promise although some late blight is present on the foliage. The effect on the tubers will depend on weather conditions. Potato digging will be general in about ten days or two weeks' time. Pastures are greatly improved with the increased moisture supplies. Cranberry picking is just beginning with above-average yields reported. Apples are sizing well with an average yield anticipated.

In Nova Scotia, the grain harvest has been about half completed in some areas and is almost finished in others. Uncut grain is awaiting dry weather for harvest. It is expected that yields will be above average. Most of the early potatoes are dug and the late crop is showing heavy foliage with little blight in evidence. Potato yields are satisfactory with oversized potatoes in the late crop cutting down grades somewhat. Pasture conditions vary from below average to very good. Reports from the Amherst area indicate that there has been little growth of hay aftermath. In the Annapolis Valley the soil moisture is below optimum but crops are not suffering. Apple picking is getting under way with good size and colour reported.

Reports from New Brunswick indicate that there has been little frost so far this season. Potato digging is general with average yields reported. About two-thirds of the grain has been harvested, with high yields indicated. Root crops have improved recently and a good yield is in prospect. Second crop clover is developing well with a good set of seed. In the northern half of the province, pastures are holding up well while average conditions are reported for the Fredericton area. Beans are maturing and if the crop escapes frost, good yields are anticipated. Some fall ploughing has been undertaken. Growers have started to pick the apples. Quality is generally good although some apple scab and hail damage is apparent. Showery weather in the Perth area has held up grain harvesting which is now about 65 per cent completed. Last week, farmers started digging the late potato crop with good quality reported.

QUEBEC Cereal threshing is practically completed and the cigar tobacco harvest is finished in the L'Assomption area east of Montreal. Both yield and quality of crops are about normal. Pastures are improving following recent rains. Yield and quality of silage corn are very good and the outlook for sugar beets is satisfactory.

At St. Jean, south of Montreal, early September rains were beneficial to some late crops. Vegetable and canning crops in general are in excellent condition and good yields are expected in spite of the lack of rain during August. A bumper crop of canning

corn is in prospect. Corn harvesting is almost over in this region, with fair to good yields being reported. Farther east at Lennoxville grain crops are all harvested and stored in good condition. The aftermath, however, is poor and pastures are only fair. Fall ploughing has not been started as yet as the land is still too dry.

Cereal crops harvested to date in the Ste. Anne de la Pocatiere area, east of Quebec City, have been stored in good condition and the remaining fields are ripening normally. September rains have delayed completion of harvest but have benefited pastures, orchards and gardens. Yields of cereal crops are above normal. Good potato yields are anticipated except in some districts where late blight has been reported. Good quality apple and plum crops are in prospect.

In the Lake St. John area, at Normandin, rain totalling 4.82 inches has fallen on eleven days since September 1. Grain cut three weeks ago is still in the field and has been damaged by sprouting. About two-thirds of the grain crops are still standing and have lodged badly. A light frost occurred on September 10 but no damage is evident. Pastures and meadows are in good condition. Above average potato yields are indicated but some ringrot has been reported. Fall ploughing is progressing under excellent conditions.

To date about 40 per cent of the grain crops has been harvested in the Gaspé and Baie des Chaleurs area. No threshing has been done as yet, with frequent showers and cloudy weather considerably hampering the maturing of grain. Fall pastures are just fair and milk flow only average. No killing frosts have been reported as yet. Vegetable crops have yielded well and tomatoes are now coming up to full maturity. The locally grown sweet corn crop is expected to be a failure.

ONTARIO In Simcoe county in western Ontario four inches of rain during the past week have slowed farm operations and most farmers are waiting for the land to dry out to complete seeding of winter wheat and to harvest silage corn and red clover. Very little wheat has been sown yet and no silos have been filled. Pastures have recovered well from the August drought. The tobacco harvest has proceeded normally with no frost reported yet. In Wellington county heavy rains during the past week have also stopped late harvesting and the sowing of winter wheat. About 50 per cent of the winter wheat has been sown under excellent weather and soil conditions. Only a small percentage of the cereal grain crop remains to be harvested although most of the flax and buckwheat crops are still standing. Corn and root crops continue to grow well and considerable after-harvest cultivation has been done.

In Waterloo county rain last week and cooler weather caused some delay in the preparation of land and sowing of wheat. Dairy cattle are doing well and pastures are generally good but in some cases supplemental feeding has been necessary. Halton county now has ample moisture for pastures which are above average for this time of the year. Sowing of winter wheat is in progress and the acreage will be below normal. Although above normal grain and hay crops were harvested the corn crop generally is below average. In Middlesex county harvesting of spring grains is completed and over 85 per cent of the tobacco has been taken off. Silo filling is under way. Some winter wheat has been seeded although soil preparation has been delayed by frequent rains. Some field beans have been harvested and soybeans are ripening. Fall pastures are growing vigorously after the rains and apples are sizing well.

In Essex county wet weather has delayed most farm work. About two-thirds of the late tomatoes have been harvested and the quality was good except where injured by blight. Picking of late peaches is nearly completed and silo filling is under way. Field corn and soybeans have made fairly good growth and early varieties are ripening.

Some 90 per cent of the burley tobacco has been harvested under poor curing conditions. Harvest of set onions is nearly completed and picking of sweet corn continues. Seeding of winter wheat is under way and pastures in the area are very good. The Experimental Farm at Harrow reports that frequent rains and the cool nights have delayed maturity of many late crops, especially canning tomatoes and burley tobacco. Early crops of burley tobacco are curing fairly well and MacIntosh apples are being harvested. All but the latest varieties are now harvested.

From Pelee Island our correspondent reports that the soybean crop is maturing quickly and harvesting is expected to begin next week, although the crop appears to be not quite normal. Moisture conditions are good for planting winter wheat. In Kent county wet weather in recent weeks has delayed maturity and harvest of tobacco, field beans, tomatoes, and lima beans. The development of all crops is several weeks late and soybeans and corn require frost-free weather during the remainder of this month. The Entomological Laboratory at Chatham reports there are no insect problems at present. Recent rains have interfered with the harvest of dry beans but sugar beets and pasture are making excellent growth. The burley tobacco harvest is well advanced and the flue cured harvest is almost completed. The Entomological Laboratory at Vineland reports that the Elberta peach harvest is under way. Canning tomatoes are being harvested and the quality is excellent, while the prune harvest is over. Maggots are prevalent in many prune orchards.

In Leeds county in eastern Ontario threshing of an excellent spring grain crop has been completed. Some 60 per cent of the silo filling has been done. Pastures are reviving with recent rains and the usual acreages of winter wheat and rye will be planted. The milk flow is about normal. In Dundas county recent showers have helped to restore pastures somewhat but much more rain is needed in order to replenish wells, many of which have gone dry. Ensiling of corn is nearing completion with a slightly below average crop being harvested. Some fall ploughing has been done but the ground remains extremely hard and dry. Picking of apples will commence within the next week. In Renfrew county fall rains freshened pastures; the acreage seeded to winter wheat is average and ensiling of an above average corn crop has commenced. Second-crop alfalfa is still being harvested.

MANITOBA Harvesting has been further delayed in Manitoba during the past two weeks by heavy dews, cloudy weather and light showers. The ground has dried considerably however, and it has been possible to do some threshing this week. Only 45 per cent of the harvesting has been completed, the proportion varying from 20 to 75 per cent between areas. There has been general deterioration in quality and in some cases, a reduction in yield. Sprouting of grain in the swath is quite general and weathering has lowered grades. Loss in yield is due to difficulty in picking up swaths and wastage due to birds and rodents. Sunny, warm, frost-free weather is needed to mature corn and sunflowers. Field peas have withstood the unfavourable conditions better than expected and sugar beets are maturing satisfactorily.

Harvesting operations are recommencing in the Altona district, the odd field being dry enough so machines can operate. Most of the grain crop remaining to be threshed is flax. Some sugar beets are beginning to mature and sunflowers and corn are maturing well. The Experimental Farm at Morden reports that little combining has been accomplished for the past three weeks due to cool, damp, cloudy weather. Farmers are taking a heavy loss due to deterioration of grain. Only 50 per cent has been combined to date. Row crops and pastures are good but corn requires heat to hasten maturity.

In the Pilot Mound district 50 to 60 per cent of the grain harvesting has been completed but operations have been curtailed during the past ten days. Wheat has been yielding about 35 bushels, barley 25, oats 35, and flax 7 bushels per acre.

Around Winnipeg in the Selkirk area harvesting has been at a standstill, with about 70 per cent completed. Excessive moisture is causing some sprouting of grain. The average yield of wheat is 20, oats 30, and barley 19 bushels per acre. Potato yields will be light due to aster yellows. About 40 per cent of the grain is still in the swath in the Portage la Prairie district. Sprouting has been a serious problem, especially with barley. Wheat grades will run from 3 to 4 Northern, while early harvested barley will make malting grades but the balance will only be feed. Average yields are wheat 24, barley 26, oats 30, flax 6, and peas 20 bushels per acre. Pastures and sugar beets are good and the potato crop is fair.

The Experimental Farm at Brandon reports that drier weather during the past week has enabled farmers to make considerable progress in combining. Swathing operations are completed and somewhat over half the crop has been threshed. Continued dry sunny weather is needed to prevent further deterioration in quality of the grain. At Virden approximately two-thirds of the threshing has been completed with wheat 80 per cent, coarse grains 50, and flax 10 per cent done. Wheat yields are fair to good, while coarse grains are yielding only fair. Quality has been reduced by recent rains.

In the Interlake district at Arborg only 10 to 15 per cent of the crop has been threshed due to the excessively wet season. Yields are disappointing and grades have dropped considerably on account of weathering. Oats have mildewed and the drop in grade has been from 2 C.W. to 2 to 3 Feed. In the central part of the province at Neepawa crops are below average in yield and the grades have been adversely affected by weathering. Aster yellows has reduced flax yields. Unfavourable weather has delayed harvest operations. In the Minnedosa district some harvesting has started again during the past week. Threshing of small grains is about 50 per cent completed but no flax or rape has been harvested. Sprouting and weathering have deteriorated grains and caused reduction in yield. Estimated yields are wheat and barley 25, oats 30, and flax 6 bushels per acre.

In the northern part of the province at Dauphin 40 per cent of the harvesting has been completed with wheat grading 3 and 4 straight and tough while coarse grains are mostly in the feed grades. Harvesting is now held up until the end of the week due to recent rains. Farmers have been busy at fall tillage and summerfallow.

The Canadian Hail Underwriters' Association reports hail storms at Poplar Point, Marquette and Meadows areas on September 14. Damage was light.

The average precipitation since April 1 has been 35 per cent above normal as compared with 37 per cent above normal a week ago, 30 per cent above normal two weeks ago, and 16 per cent above normal a year ago. The mean temperature for the week ending September 16 was 0.9 degrees below normal as compared with 1.8 degrees above normal a week ago, 1.1 degrees above normal two weeks ago and 3.2 degrees below normal for the week ending September 17, 1956.

SASKATCHEWAN Unfavourable weather in most areas of Saskatchewan continues to retard and delay harvesting operations. Rains have been very heavy in eastern and northern regions and as a result farmers in these areas have had little opportunity to make any progress. In the remaining areas precipitation has been much lighter and scattered, and while some progress has been made, drying weather has been followed by additional showers and further delays. Harvesting is well advanced in the southern crop districts where less than 10 per cent of the wheat and coarse grains remain standing, and 75 per cent is threshed. Across the central areas fairly good progress has been made with swathing which is some 80 per cent completed. However, the weather has not been sufficiently dry for combining and 70 per cent remains to be threshed. In northern areas 60 per cent of the crop is cut but only 10 per cent of the wheat and 15 per cent of the coarse grains have been threshed. On a provincial basis about 80 per cent of the wheat has been cut and 50 per cent threshed. Coarse grains are 50 per cent harvested while

15 per cent of the flax crop has been threshed. A considerable amount of grain has been in the swath for several weeks and sprouting is quite common. Warm, dry weather is the major requirement to reduce the moisture content of grain and advance the harvest.

At Fillmore in southeast Saskatchewan showery weather again interrupted combining last week. Except for flax some 80 per cent of the harvest has been completed. Prolonged, wet weather started some sprouting, making the swath very difficult to pick up. Wheat is averaging around 17 bushels per acre and is grading 3 and 4 northern. Flax yields are likely to average about five bushels per acre. Around Indian Head cloudy, cool weather with light rain and heavy morning dews have prevented the completion of harvest. During the past two weeks some combining has been carried on. Swathing has been completed, with some standing crop remaining to be straight combined. On the average 80 per cent of the wheat, 90 per cent of the oats, and 90 per cent of the barley have been threshed. Some sprouting is occurring in swaths and second growth and weeds will create difficulty in completing the harvest. Very little flax has been threshed to date. Pastures are holding up very well due to fall rains.

From southwest Saskatchewan the Experimental Farm at Swift Current reports that damp weather during the past two weeks has retarded harvesting. Some 50 per cent of the wheat and 90 per cent of the oats and barley have been threshed. Very little flax has been harvested to date. Grain yields are slightly above average while wheat is grading mostly 2 and 3 northern. Around Val Marie low temperatures and cloudy weather have brought harvesting to a standstill. Light frosts are reported. In the Leader district wet weather has delayed the completion of harvesting. However, deterioration has been slight. Much of the threshed grain has been stored outside incurring the risk of spoilage.

Around Togo in east-central Saskatchewan harvesting of crops is at a standstill. Practically nothing has been done for the past ten days. Sprouting of wheat is especially noticeable where the swath is thin. Barley is badly stained and a loss in yield and grade is inevitable. Moisture conditions continue below normal but frequent drizzles and mists are holding up the harvest. About 50 per cent of the threshing has been completed. Around Willowbrook weather conditions have not been favourable and grades have deteriorated down to 'rejected' in some cases. Wheat yields are ranging from 30 bushels per acre downward. Oat yields are low and the sample is badly mildewed. Barley is weather stained and the quality is down. Threshing is 70 per cent completed. Two weeks of threshing weather are needed to complete the harvest. Gardens have been good. Around Sturgis an estimated 10 per cent of the crop has been harvested and showers continue to delay operations. Grains in light swath are sprouting.

Our correspondent from Drake in the central part of the province also reports that the harvest has been delayed by moist, cloudy weather, which will reduce grades and yield. Some two-thirds of the wheat have been harvested and it is yielding 15 bushels per acre. The flax crop is average but coarse grains are poor. Livestock are in good condition. Dry weather is urgently required to complete the harvest. Around Rosetown in west-central Saskatchewan 55 per cent of the threshing has been done. Spring wheat, durum wheat and barley have suffered grade loss because of the continued wet weather which has caused sprouting. Yields are better than anticipated and wheat will average 20 bushels per acre or better, but flax only 8.

The Experimental Farm at Scott in the west-central part of the province reports that showers have become lighter and more widespread permitting threshing to proceed gradually in more districts. However, at least half the crop remains in the swath or stook and grades will be reduced because of the poor weather. Harvesting is expected to become general this week. Farther north around Neota showery weather during the past three weeks has stopped the grain harvest. Grain in the swath is sprouting and weed growth is causing concern. A hard frost would be desirable to kill weed growth. Fodder crops are poor.

The Experimental Farm at Melfort reports that cool weather with frequent showers has persisted since the last report. A small percentage of the rape crop has been threshed and good yields are reported. However, not over one or two per cent of other grains has been harvested to date and continued wet weather is causing considerable deterioration of the crop in the swath. Dry weather is urgently needed. Around Nipawin no harvesting has been done yet except for a little clover and rapeseed because of the continued wet weather. Practically all the grain has been swathed but early-cut grain is beginning to sprout. The first frost was reported September 15. This has been one of the wettest seasons on record for this district.

Little hail damage was recorded during the past two weeks. The following storms are reported: August 31 - Carnduff, September 1 - Gainsboro, Fertile, Orcadia, September 7 - Warman, Prud'homme, Dana, area (light), Burr area (light); Pilger area (light); September 8 - Edfield area (light); Dysart area (light); Moose Jaw area (light); Zelma area (light); Calderbank, Liberty and Nokomis. The Saskatchewan Municipal Hail Insurance Association reports that this has been the worst season in the 41-year history of the association. The most damaging storms occurred on July 6 and 7. However, large numbers of lesser storms principally in the southern half of the province brought the claims total to 10,850. Some 4.5 million dollars has been paid out.

The average precipitation for the province since April 1 has been 13 per cent below normal as compared with 12 per cent below normal a week ago, 10 per cent below normal two weeks ago and 5 per cent below normal a year ago. Mean temperature for the week ending September 16 was 0.3 degrees below normal compared with 6.0 degrees above normal a week ago, 1.5 degrees below normal two weeks ago and 0.6 degrees below normal for the week ending September 17, 1956.

ALBERTA Harvesting is at a standstill in practically all of Alberta due to frequent, widespread showers. Only a little swathing has been done during the past week or two. Dry weather is urgently required to halt deterioration in the swath and to permit resumption of harvesting. Second growth and weeds will make for difficult picking up and threshing in many cases. A killing frost was reported in northern areas on the night of September 16 and prospects are for low temperatures for the province during the next few nights.

Harvesting of barley and oats was completed in the Manyberries district in the southeast of the province and the wheat harvest is nearly finished. The flax harvest is under way. Wheat yields are averaging about 20 bushels per acre. Ranges are in good condition with new grass growing following recent rains. In the Medicine Hat area the percentages of harvest completed are as follows: wheat, 70; oats, 65; barley, 80; and flax, 50. Estimated average yields per acre: wheat, 20; oats, 35; barley, 30 and flax, 10. Some 15 to 20 thousand acres of safflowers were sown this spring in the Medicine Hat area. The crop is doing very well although little has been swathed and none combined as yet. General weather conditions are poor for harvesting. Moisture conditions are fair to poor. Forage supplies are fair to scarce and pastures are only fair. Summerfallows are reasonably well worked.

The Experimental Farm at Lethbridge reports that cool, damp weather has delayed harvest in many districts south of Calgary. Spring wheat is 90 per cent cut but only 60 per cent harvested. Harvest of durum wheat, barley, oats and mustard is almost completed with average yields and good quality being obtained. Flax is yielding about 10 bushels per acre. The canning corn harvest is completed. Completion of harvest has been delayed in the Cardston area due to rain. However, four or five days of good weather will see harvesting finished. Livestock are in good condition and there is enough moisture available to germinate fall grains. Cool, showery weather in the Claresholm area has delayed

harvesting during the past few days. Percentages harvested are: wheat, 70; oats and barley, 90; and flax, 10. Yields of all grains are below average but wheat grades are good. Coarse grains, particularly barley, are light in weight.

In the Brooks area of south-central Alberta approximately 75 per cent of the barley, 45 per cent of the wheat, and 35 per cent of the oats have been threshed to date. Most yields are down from last year. Rain on September 17 will further delay harvest operations. Farther west at Vulcan very little harvesting has been done during the past week due to rain and poor drying weather. Most of the oats and barley crops have been harvested but considerable wheat remains in the field. A heavy frost was anticipated on the night of September 17.

Rain and snow showers have halted harvesting in the Calgary area. Swathed grains are showing evidence of sprouts and mildew damage which will seriously affect average grades. Average percentages cut to date are: wheat, 60; oats, 65; barley, 70; rye, 100; and flax, nil. Percentages threshed are: wheat, 15; oats, 20; and barley, 30. Average estimated yields per acre are: wheat, 16; oats, 31; barley, 28; flax, 10; and rye, 18. Farther north at Olds wet weather has delayed harvesting for almost two weeks and very little grain has been threshed to date. Our correspondent estimates that about 60 per cent has been cut but only 10 to 15 per cent, threshed. Some grains have sprouted in the swath.

At Sedgewick in central Alberta harvest has just recommenced. Average estimated yields are: wheat, 20 and oats and barley 25 bushels per acre. Farther south at Donalda very little threshing has been done due to unsettled weather and continued wet weather is causing considerable deterioration in early-swathed grain. Some samples of wheat are showing considerable frost damage. Nearby at Stettler wet weather is also delaying harvest. Percentages swathed are: wheat, 50; oats, 90, and barley, 95, with many fields now too wet to combine. Sprouting has caused some damage in swathed grain. Yields are estimated at wheat 15 and oats and barley 20 bushels per acre. No threshing has been done as yet.

In the Red Deer area of west-central Alberta unfavourable weather has delayed harvest during the past two weeks. Swathing is practically completed but only 15 per cent of the crop is threshed. Average yields are estimated at barley 26 and oats 23 bushels per acre.

East of Edmonton at Vermilion swathing is 80 per cent completed but no threshing has been done. All early-cut grain is badly sprouted and some fields are still too wet to carry machinery. In the Edmonton area intermittent showers have held harvesting to a standstill. Grain threshed to date is mostly tough and shows considerable weather damage. Farther west at Stony Plain rain is also holding up harvesting operations. More than half the cutting is completed in this area but considerable sprouting is occurring in swaths and grain quality is deteriorating.

Around Bonnyville northeast of Edmonton continuous wet weather has prevented any threshing and is damaging swathed grain. About 80 per cent of all crops have been cut to date. A heavy frost on the morning of September 17 will stop all growth and cause severe damage to late-maturing crops. Soil moisture conditions are excellent for fall tilling. Wet weather is also delaying harvesting in the Athabasca district where a heavy frost was reported on September 16. Early-swathed grain is showing signs of deterioration and some sprouting is also occurring in stooks. Harvesting has also been halted by rain in the nearby Colinton area. No frost is reported here as yet. Grain quality is expected to be poor.

The Experimental Farm at Beaverlodge in the western part of the Peace River area reports that crops are maturing slowly, with harvesting of wheat, flax and legumes not yet general. Lodging and wet fields are making operations difficult. Moderate to severe frosts

have been reported, with damage to flax and the viability of oats reduced. Above average yields of fair quality barley are in prospect. North of the Peace River at Berwyn percentages swathed are: barley, 30; wheat, 10; oats and flax, nil. Percentages in the stook are oats 15 and barley 5 per cent. Estimated yields are wheat, 17; oats, 30; and barley, 23. Frost damage is extensive and wheat is expected to grade from No. 4 to Feed. The ground is very wet and there is danger of an incomplete harvest. Summerfallows are dirty. In the far north of the province at Fort Vermilion coarse grains and wheat are practically all cut but little threshing has been done. Flax and alfalfa are ripening slowly. A severe frost on the night of September 16 likely damaged these crops with severe losses probable in some districts. August frosts had already caused light damage to flax. The yields of all crops are expected to be fair to good but harvesting is generally two weeks later than normal.

The Alberta Hail Insurance Board reports the following hail storms: September 3 - Acadia Valley, Cadogan, Killam and Loughheed to Mundare and Andrew, northeast to Beauvallon, Bonnyville and Fort Kent; September 4 - Mines Creek and Nampa; September 7 - Evarts, Benalto and south to Red Deer, Olds and Carstairs district; September 12 - Atlee, Carstairs, Ardenode and Elk Point. The Canadian Hail Insurance Underwriters' Association reports storms on September 3 in the Acadia Valley and Vulcan areas, light; September 7 - Abee and Muriel areas, light.

Average precipitation for the province since April 1 has been 4 per cent below normal as compared with 4 per cent below normal a week ago, 6 per cent below normal two weeks ago and 13 per cent above normal a year ago. Mean temperature for the week ending September 16 was 3.5 degrees above normal compared with 5.6 degrees above normal a week ago, 1.4 degrees below normal two weeks ago and 6.1 degrees above normal for the week ending September 17, 1956.

BRITISH COLUMBIA In the Creston district, harvesting of cereal grains and seed peas is almost completed with yields slightly above average and quality good. Pasture growth has been retarded because of dry weather conditions. Picking of main crop apples is well advanced and quality is good. A report from Dawson Creek indicates that an estimated 50 per cent of the barley and 25 per cent of the wheat in this area have been swathed. However, the fields are still wet and very little threshing has been done. There was a heavy frost on the night of September 16 and damage may be extensive.

In the Okanagan area the weather has been warm and dry during the past two weeks. Size and colour of McIntosh apples are generally good and picking is more than half completed. Harvesting of Delicious is expected to commence next week. The tomato harvest is progressing favourably. Forage and grain crops in this area are good. In the Lower Fraser Valley the warm dry weather has provided ideal conditions for completion of the grain harvest and late haying operations. Harvesting of canning corn is general and both yields and quality are good. Potato harvesting operations are also general and yields are satisfactory although some damage occurred from blight. Picking of broccoli has commenced with the quality variable.

On Vancouver Island the weather has been unseasonably hot. Harvesting of cereal grains, potatoes and second-growth hay is progressing with yield prospects for all these crops above average. Potato blight was checked by the hot weather. Average yields are anticipated from the tulip and daffodil bulb crop with production of iris bulbs expected to be better than average.

A report from the Dominion Entomological Laboratory at Kamloops indicates that there are no insect outbreaks of a serious nature.

Precipitation and Temperature Data, Prairie Provinces^{1/}

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. Sept.16,1957	since April 1	since April 1	September 16	
					1957	Normal
			- inches -		- degrees F. -	
MANITOBA						
1	Pierson	.03	14.59	11.00	52	56
	Melita	.02	18.06	14.22	54	56
	Waskada	N.R.	12.10 ^{2/}	11.29	N.R.	55
	Deloraine	.20	16.80	11.14	51	55
2	Boissevain	.09	23.15	11.01	52	55
	Deerwood	.08	16.76	11.30	55	55
	Ninette	.14	17.63	11.44	52	55
	Portage la Prairie	.24	16.05	11.61	55	55
3	MacDonald	.17	14.23	11.61	55	55
	Graysville	N.R.	12.70 ^{2/}	11.82	N.R.	55
	Morden	.12	17.18	11.52	56	56
	Altona	.10	18.71	11.42	55	55
	Morris	.17	16.26	11.85	55	55
	Roland	.08	13.04	11.27	55	56
	Gretna	.02	15.49	11.06	56	56
	Emerson	.05	22.28	11.06	56	56
4	Winnipeg	.40	15.49	13.18	55	55
6	Sprague	.51	17.94	12.17	53	53
	Seven Sisters Falls	N.R.	5.73 ^{2/}	10.30	N.R.	52
	Steinbach	.32	15.80	11.85	54	56
7	Virden	.09	15.75	9.94	52	54
	Reston	Trace	14.72	12.09	52	53
	Rivers	.01	11.69	11.55	52	53
8	Brandon	.02	15.03	11.76	53	54
	Cypress River	.12	18.53	11.73	53	54
9	Neepawa	Trace	14.41	11.43	54	53
10	Russell	.08	5.90	10.88	49	52
	Rosburn	.18	15.42	10.88	51	52
	Birtle	.16	15.93	11.38	51	52
11	Dauphin	.24	10.44	10.28	52	51
12	Gimli	.69	13.46	12.03	54	53
13	Swan River	.20	12.43	11.76	50	50
	The Pas	.90	8.50	9.63	51	52
MANITOBA AVERAGE		.18	15.39	11.44	53.2	54.1
SASKATCHEWAN						
1A	Estevan	.15	8.79	10.73	54	54
	Carlyle	.02	11.62	11.49	51	52
	Oxbow	Trace	11.98 ^{2/}	11.00	50	51
	Willmar	.03	13.45	10.42	N.R.	N.R.
1B	Broadview	Trace	9.60	10.41	50	53
	Moosomin	.05	9.25	10.70	52	51
2A	Yellow Grass	.13	8.58	10.05	52	54
	Creelman	.02	9.80	10.43	52	54
	Weyburn	.15	7.23 ^{2/}	10.49	53	54
	Midale	.19	9.36	10.93	53	54

Precipitation and Temperature Data, Prairie Provinces^{1/}

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. Sept. 16, 1957	since April 1	since April 1	September 16 1957	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (continued)						
2B	Moose Jaw	.21	8.04	10.27	55	55
	Regina	.06	6.21	10.33	53	53
	Rowatt	N.R.	5.12 ^{2/}	10.25	N.R.	53
	Francis	Trace	6.12	9.37	51	54
	Qu'Appelle	N.R.	7.38 ^{2/}	12.22	N.R.	54
	Indian Head	.08	10.88	11.85	51	52
3AS	Wilcox	.15	6.50	10.18	53	52
	Assiniboia	.30	7.24	8.32	52	56
	Ormiston	.11	5.19	9.30	54	56
	Readlyn	.13	6.54	8.32	54	56
	Minton	.21	9.20	11.68	52	53
	Cardross	.07	5.70	9.30	54	56
3AN	Ceylon	Trace	8.02	12.65	51	53
	Chaplin	.10	7.55	10.71	53	52
	Gravelbourg	.13	8.23	8.95	54	53
	Coderre	.12	9.45	9.30	54	53
3BS	Shaunavon	.21	6.83	8.62	52	50
	Cadillac	.07	7.08	11.33	54	52
	Pambrun	.11	8.00	10.06	57	53
	Aneroid	.16	7.94	10.34	54	52
3BN	Instow	N.R.	5.29 ^{2/}	9.36	N.R.	53
	Pennant	.09	8.29 ^{2/}	10.10	53	54
	Swift Current	.09	8.71	10.59	54	55
	Hodgeville	NIL	7.22 ^{2/}	9.77	54	53
4A	Hughton	.12	7.98 ^{2/}	9.22	54	52
	Maple Creek	N.R.	4.78 ^{2/}	9.60	N.R.	55
4B	Consul	NIL	5.75 ^{2/}	8.12	51	52
5A	Roadene	.12	8.60	9.23	54	52
	Cupar	.01	7.12	9.64	53	52
	Leross	.14	10.40	10.55	49	51
	Melville	NIL	9.37	10.70	51	51
5B	Yorkton	.01	7.06	11.00	51	51
	Bangor	.02	9.00	10.70	51	51
	Dafoe	.01	7.44	9.60	50	49
	Foam Lake	N.R.	6.90 ^{2/}	10.47	N.R.	49
6A	Lintlaw	.32	7.63	10.74	47	50
	Kamsack	.26	7.14	9.91	49	51
	Buchanan	N.R.	4.49 ^{2/}	10.47	N.R.	51
	Pelly	N.R.	8.57 ^{2/}	10.92	N.R.	51
6B	Davidson	.05	9.21	8.55	49	51
	Dilke	.12	8.54 ^{2/}	8.96	N.R.	N.R.
	Imperial	Trace	7.65	8.39	53	51
	Semans	N.R.	7.08 ^{2/}	6.88	N.R.	50
6B	Strasbourg	.02	8.44	9.45	51	52
	Watrous	Trace	9.31	7.30	52	50
	Harris	.65	7.54 ^{2/}	9.01	51	51
	Outlook	.24	7.01	8.00	54	52

Precipitation and Temperature Data, Prairie Provinces^{1/}

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. Sept.16,1957	since April 1	since April 1	September 16 1957	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (concluded)						
6B	Saskatoon	.04	7.90	10.09	52	51
	Elbow	.16	8.25	8.33	52	52
	Tugaske	.13	7.73	8.33	52	52
	Dundurn	.19	8.99	10.08	51	51
	Rosthern	.04	8.20	10.02	52	51
7A	Kindersley	.05	4.63	9.05	52	51
	Rosetown	.11	9.64	10.08	53	51
7B	Macklin	.21	9.22	10.13	51	50
	Scott	.08	7.90	9.58	50	51
	Biggar	.38	7.35	10.19	51	52
	Ruthilda	N.R.	.58 ^{2/}	10.09	N.R.	N.R.
8A	Hudson Bay	.05	7.88	10.63	50	50
	Porcupine Plain	N.R.	8.83 ^{2/}	10.65	N.R.	51
8B	Humboldt	.22	9.78	8.38	47	51
	Melfort	.29	12.39	10.65	47	51
9A	North Battleford	.14	8.83	9.97	53	53
	Rabbit Lake	.15	10.62	10.36	48	50
	Leask	N.R.	8.56 ^{2/}	10.15	51	52
	Prince Albert	.06	10.36	10.50	49	52
	Island Falls	.60	17.60	11.35	49	50
9B	Waseca	.40	11.34	9.65	51	49
SASKATCHEWAN AVERAGE		.13	8.61	9.94	51.8	52.1
ALBERTA						
1	Bindloss	N.R.	9.51 ^{2/}	8.16	N.R.	52
	Empress	.16	4.89	8.88	N.R.	53
	Excel	N.R.	6.74 ^{2/}	8.16	N.R.	53
	Foremost	.24	8.31	11.82	55	56
	Hanna	.39	9.95	10.91	54	52
	Manyberries	.07	7.10	9.05	53	55
	Medicine Hat	.05	6.93	8.69	57	57
	Naco	N.R.	8.00 ^{2/}	9.70	N.R.	49
	Oyen	.15	6.28 ^{2/}	8.16	N.R.	N.R.
	Winnifred	.32	6.56	7.45	N.R.	N.R.
2	Brooks	.12	6.02	8.36	55	55
	Drumheller	.32	11.45	10.66	56	56
	Gleichen	.38	11.29	9.78	54	51
	Hays	.24	5.63	8.37	55	54
	Hussar	.58	11.16 ^{2/}	9.59	N.R.	N.R.
	Lethbridge	.19	8.03	9.87	59	54
	Strathmore	.43	7.89 ^{2/}	10.82	56	49
	Taber	.10	6.42	8.38	58	52
	Three Hills	.38	14.27	10.38	56	50
	Trochu	.32	10.00	10.95	55	50
	Vauxhall	.13	4.65	8.67	51	53
	Vulcan	.30	10.09	9.84	55	49
3	Calgary	.16	9.97	12.13	55	52
	Cardston	.32	7.15	14.28	56	52



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Precipitation and Temperature Data, Prairie Provinces^{1/}

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. Sept.16,1957	since April 1	since April 1	September 16 1957	Normal
		- inches -			- degrees F. -	
<u>ALBERTA</u> (concluded)						
3	Cowley	.45	9.57	11.04	55	53
	Fort MacLeod	.09	7.19	9.83	56	55
	High River	.11	10.71	12.34	53	50
	Magrath	.15	6.80	11.59	55	52
	Olds	.46	12.27	12.39	55	49
4	Alliance	.09	10.33	9.54	53	52
	Camrose	.33	10.78 ^{2/}	10.66	54	50
	Coronation	.32	7.99	8.80	54	51
	Hardisty	.15	11.74 ^{2/}	10.30	N.R.	N.R.
	Hughenden	N.R.	9.47 ^{2/}	9.76	N.R.	53
	Lloydminster	.34	9.88	8.96	53	49
	Stettler	.38	10.94	11.75	54	49
	Vegreville	.21	9.54	12.70	52	48
	Vermilion	.21	11.83	12.55	52	49
	5	Edmonton	.35	7.95	12.12	57
Lacombe		.58	8.91	12.06	51	49
Red Deer		.59	11.97	14.40	56	50
Rocky Mountain House		.52	9.19	13.21	55	46
Wetaskiwin		.30	11.12	11.55	54	50
6	Athabasca	.48	11.90	11.28	53	49
	Campsie	.23	16.46	12.30	55	49
	Edson	.27	12.74	12.53	52	50
	Elk Point	.97	11.22	10.10	50	47
	Embarras	.47	5.93	7.36	51	47
	Lac la Biche	.53	8.03	10.24	52	49
	Whitecourt	.67	16.03	13.06	53	48
	Beaverlodge	.07	12.76	8.78	56	50
7	Berwyn	.51	12.63 ^{2/}	10.11	51	50
	Fairview	.09	14.47	7.88	57	50
	Grande Prairie	.33	12.42	10.52	57	50
	High Prairie	.62	14.81	10.35	55	50
	Keg River	N.R.	13.95 ^{2/}	10.04	N.R.	50
	Rycroft	.15	12.29	7.55	55	50
	Wagner	.79	13.40	11.32	55	49
	ALBERTA AVERAGE		.32	9.94	10.33	54.4

N.R. - No report.

^{1/} - Source: Meteorological Service of Canada.

^{2/} - Incomplete; not included in average.