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TELEGRAPHIC CROP REPORT - CANADA

This is the fifth of the 1965 series of six telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the tenth of a series of eleven telegraphic reports on crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from the Federal and Provincial Departments of Agriculture, private crop observers and grain men supply the information on which these reports are based. The weather data included in this release are furnished by the Meteorological Division, Department of Transport.

S U M M A R Y

Maritime Provinces Heavy rains last week ended Prince Edward Island's prolonged dry period and greatly benefited second-growth hay and pastures. Temperatures have been high and grain crops are ripening, but below average yields are in prospect. Potatoes are promising. Throughout most of Nova Scotia crops are showing the signs of the dry conditions which have only been partially relieved recently. In the western part of the province grain combining is under way with yields about half of average. Pastures are poor in most counties and in many areas feed supplies are short. In New Brunswick there was sufficient rainfall in the western part of the province in July and August, but conditions are very dry in the eastern section. Early potatoes are being dug and late potato prospects are for an average crop.

Quebec Very variable temperatures and abundant rainfall prevailed throughout Quebec during the last three weeks. As a result there has been vigorous plant growth with some weed problems reported. The completion of haying has been delayed not only in the east, north and northwest, but in some areas close to Montreal. Hay yields vary from very poor to average and a shortage this winter may be in prospect. Many farmers are cutting grain crops for green feed in order to avoid a pronounced drop in milk production. As a result grain production will be reduced. However, the grain harvest has started in southern counties and good yields are reported. Hay aftermath is doing well and pastures are becoming green again.

Ontario The winter wheat harvest has been practically completed in Ontario, with yields ranging from normal to 25 per cent below normal but the quality is reported to be average. Harvesting of spring grains is general in most parts and while excellent yields have been reported, some fields are maturing unevenly. Rains during August have helped all crops, especially corn, soybeans, white beans,

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hay and pastures. The corn crop in southwestern Ontario is expected to be one of the best ever, while in other parts of the province it is quite variable. Pastures are in good condition and the harvesting of a second cut of hay is general throughout much of the province.

Prairie Provinces High temperatures have hastened crop maturity in the Prairie Provinces and harvesting is now well under way. In southern areas a considerable proportion has been swathed and some combining has been done. Swathing is under way in northern districts. Yield prospects still range from good to excellent, despite the effects of high temperatures and rust. Hay yields have been good and special crops are doing well.

RUST REPORT FOR THE PRAIRIE PROVINCES

The Canada Department of Agriculture reports that the rust situation has not changed much during the past two weeks. Wheat leaf rust infection is generally heavy in Manitoba and Saskatchewan and has been reported recently in some areas of Alberta. Wheat stem rust has been light or absent in most fields in Manitoba and Saskatchewan because the varieties grown are resistant but the small acreage sown to susceptible varieties has been severely infected. Severe infection of susceptible varieties has also been reported from Alberta. Stem rust and crown rust of oats has begun to develop in late oat fields in southern Manitoba but infections are still light.

British Columbia In general, warm weather with scattered showers has produced good growing conditions throughout British Columbia. At the Coast, all vegetables in season are in good supply with a better than average crop of sweet corn and beans being obtained. Harvesting of blueberries is in full swing with only average yields being reported. On the other hand, the cranberry crop is said to be excellent in both yield and quality. In the Okanagan Valley, McIntosh and Spartan apples are progressing favourably but according to our correspondent, yields are now expected to be lower than anticipated earlier. Considerable misshapen fruit is showing up in Delicious apples. A good processing tomato crop is at its peak after some loss from hail occurred. From the Creston area, it is reported that there is good grain growth, but the seed pea crop is only average in yield. In the Peace River district, grain prospects remain fair to good despite the danger of losses which may result from late planting and possible early frosts.

MARITIME PROVINCES

Recent heavy rains, accompanied by above average temperatures, have greatly improved growing conditions in Prince Edward Island, after the prolonged dry period. Grass which had been at a standstill for the past six weeks is now improving with pastures and new meadows, particularly, showing recovery from drought. Reports indicate, however, that grain fields which are now ripening fast will not benefit from the improved moisture conditions, and below average yields are expected. Harvesting has just started and the straw is short. Similarly, the rain came too late to help the early potato varieties which are now being dug. Variable yields are reported. The main crop, however, is growing rapidly with present indications pointing to an average yield. No blight on potatoes is reported so far. A few early turnips have been harvested. The dry weather resulted in broken stands of cole crops and in addition losses from cabbage maggot were suffered where no control measures were applied. Growers are harvesting the pea crop and getting below average yields. Blueberry picking has started and production is lower than average for this crop also as a result of the dry weather.

Reports from the Amherst area of Nova Scotia indicate that haying is pretty well done with the overall production being equivalent to one and one-half to three-quarters of last year's crop. Rain during the past two weeks has helped second-growth which is now ready for silage making. Grain production will be a little lighter than average and the blueberry crop has been considerably reduced. Farmers in the Truro area have started harvesting the grain crops. Reports indicate that the stands are good but the heads are not filling out and as a result the yields will be only fair. Rain during the past few weeks has improved growing conditions in pastures and hay aftermath. Potato harvesting is under way and the late crop is sizing well, with no blight reported. Blueberries are being harvested with below average yields.

The recent rains have eased the critical moisture situation in the Annapolis Valley but at the same time recovery has not been complete. Estimates indicate hay yields from 60 to 70 per cent of normal and potato and spring grain crops also considerably below average. Second-crop hay yields are described as very poor and hay is being fed to dairy cattle at the present time. Pastures are also very short. Indications are that the large apple crop in prospect may be somewhat smaller than anticipated but still above average. Cucumber fields are producing from average to very good yields. Other vegetable crops are generally satisfactory where irrigation has been used and early tobacco yields are good.

At Pictou pastures are still in serious condition and most dairymen are approaching winter barn feeding levels. The cereal harvest has started but prospects are for a light crop due to poorly filled heads. Farther east, at Antigonish haying has been completed and a good crop of high quality is reported. Pastures are short in some areas, however. A good grain crop is in prospect and vegetables satisfactory with recent rains having been a tremendous help. The farmers in Cape Breton have almost completed haying. The season so far has seen good crop growth. Aftermath is doing well and pastures are holding up satisfactorily. Local vegetables are showing good quality.

Rainfall during July and August was sufficient in the western part of New Brunswick while the eastern districts were very dry. As a result, practically all crops are doing very well in the western part but in eastern counties fields are all suffering acutely from the dry season. Early potatoes are being dug with below normal yields reported. Some late potatoes have already been top killed and an average crop is in prospect. The grain harvest has just started with a light crop in the east and a normal crop in the western sections of the province. Farmers in the dry area of New Brunswick have been obliged to start feeding their winter forage. The corn crop is fair but root crops are generally poor. Truck garden crops are now on the market in good supply. Apples are promising.

Reports from the Perth district indicate improved growing conditions for all crops as a result of showers during the past few weeks in that area. Grain harvest is now under way with fair yields being obtained. Potatoes have grown rapidly for the past two weeks and growers will be top killing in seven to ten days' time. It is anticipated that digging of the late crops will start three weeks from now. Fair yields of early potatoes are reported. Aftermath growth is good and pastures are improving with moisture.

QUEBEC

Potato, sugar beet and forage corn prospects, are very promising in most areas of Quebec. In the vegetable growing districts the harvest of processing peas and beans has been delayed in some instances. Tomato maturity is uneven, and mildew is causing trouble on potatoes and cucumbers. Apple growers have started picking and yields are very good. Raspberry picking is still under way but total output will be below normal. In Berthier County pickers commenced harvesting the flue-cured tobacco crop on August 16 with good yields being indicated.

In the St. Jean area all crops are developing well with abundant rainfall. Cereal threshing is nearly over with fair to good yields reported. Apple crop prospects are excellent and quality is very good. However, woolly apple aphids and red mites are threatening damage in some orchards. At Lennoxville in the Eastern Townships frequent rains from the beginning of the month brought a total of 5.15 inches of rain by the middle of August. There were also six consecutive days with temperatures above 75 degrees. Pastures are normal and forage corn is growing rapidly. Violent storms on August 17 and 18 caused some lodging in cereals.

At La Pocatière rain during the first three weeks of August totalled 2.45 inches. The frequent showers hindered haying which has now been finished, however. Hay yields are down by about 35 per cent and the latter part of the crop is of poor quality. Improved pasture and aftermath growth has boosted milk production. Farmers have started to cut oats and barley on light soils. It is anticipated, however, that yields will be down by 20 per cent. Potatoes, turnips and forage corn appear promising.

During the last twenty days precipitation totalled 4.3 inches in the Lake St. Jean area. As a result haying has been considerably delayed and is now only about 60 per cent completed. Cereal crops appear very promising but late meadows and pastures are poor. The potato crop indications are good. Blueberry picking has just started with very low yields anticipated. Milk production is below that of last year. At Caplan rainfall has been above normal. Temperatures during the daytime have been normal but the nights have been very cool. Seventy-five per cent of the hay crop has now been stored and yields were only half of normal. The rain has severely hampered field work. A shortage of hay and a reduction in cattle numbers are in prospect. Milk production is dropping. However, grain crops appear promising with some oat fields ripening.

ONTARIO

In Essex County of southern Ontario, harvesting of wheat and oats has been completed with the quality of wheat reported to have been exceptionally good at the beginning and falling a bit as harvesting proceeded. Oats were an average crop. Corn and soybeans look good after a rain last Wednesday. The tomato harvest is nearing its peak with quality reported very good. Seed onions are being harvested in the marsh area. The peach harvest is in full swing and the early apple harvest is nearing completion. Farther east, around Chatham, winter wheat was estimated at 25 to 30 per cent below normal and quality was average. Expectations are for an excellent soybean crop. White beans have blighted but the crop outlook is still excellent. Sugar beets look very good and prospects are for the best corn crop in history. The tomatoe harvest is reaching its peak with a record crop expected. Burley and Black tobacco harvest will begin shortly with average prospects. Moisture and growing conditions are near perfect for all crops. Some blight and root aphid

injury to sugar beets have been reported as well as leaf aphid and rootworm damage to corn. These outbreaks have been of economic importance only in localized areas.

In Middlesex County, recent sunny skies have speeded up a rather slow harvest of spring grains. Prospects for cash crops, such as corn, soybeans, and particularly white beans, are much better now than at mid-summer due to the recent rains and warm weather. To the east in the Niagara area, around Jordan, all crops are looking well. Adequate moisture has been received since mid-July. The peach harvest is about five days behind normal and the quality and market is good. Fruit crops have been generally fairly free of insects and diseases. Mites have been troublesome on pears and plums. Corn, other grains, and pastures have recovered well from the early drought.

To the north in Simcoe County, the wheat harvest has mainly been completed except for a few fields waiting for a combine and better weather. Some stook threshing is yet to be completed. Yield and quality are reported fair to good on two-thirds of a normal acreage. Harvesting of spring grains and a second crop of hay has been slow due to recurring rains and damp weather. Spring grain yields are average and quality will be good if not damaged by weather. The growth of fall crops is now quite good and pastures are normal. Corn is fair to good where not checked by weeds. Late potatoes are sizing well. Conditions are very favourable for the seeding of a normal acreage of fall wheat and rye.

To the west in Bruce County, crops are reported to be generally good with spring grain crops being harvested and average yields reported. Corn crops throughout the county are variable with many excellent fields but maturity will be late. Pastures and second-cut alfalfa are excellent. The turnip crop is normal with early turnips currently being harvested for shipment. To the southeast in Waterloo County, the harvesting of wheat has been completed with low yields reported due to winter kill. Spring grains are yielding well and the straw is short with no lodging reported. Corn is making excellent growth with adequate moisture supplies, however, maturity is later than normal and warm weather is needed for ripening grain. Farther east in Halton County, grain harvesting is about 25 per cent completed with uneven maturity reported. Average yields have been obtained for both oats and barley. Wheat harvesting is 80 per cent completed and yields range from 5 to 50 bushels. A large increase in the second crop of hay has met most hay requirements in the county. Corn and pasture growth is excellent and vegetable and fruit yields are normal or better.

In Central Ontario, around Bowmanville, second and third crops of hay are excellent. The quality and yield of spring grains are good, while the corn and tobacco crops are late although prospects are for good yields also. The apple crop is of average yield and good quality. To the north in Peterborough County, the harvesting of spring grain is under way with above average yields reported. Corn silage prospects are good with silo filling to commence in two weeks. The second crop of alfalfa is yielding well and pastures are good at present.

In eastern Ontario, around Brockville, August rains have made a great improvement in all crops, even late oats. Pastures are green although still short. Harvesting of winter wheat has been completed and the crop is reported to be 50 to 60 per cent of normal. Combining of spring grains is general on an 85 per cent crop. Quality is reported good although the catchy weather may cause weathering damage. Corn prospects are normal or above, but maturity will be delayed. In Carleton County, heavy rains in early August have increased growth. Pastures, second-cut hay and corn have shown unbelievable improvement. Although the rains are very welcome, difficulty

has been experienced in curing second-cut hay and harvesting grain and straw. Some land is being worked for seeding to late oats and fall rye to supplement fall and spring pastures. To the northwest in Renfrew County, warm weather combined with about five inches of rain during August has promoted rapid growth of pastures, corn and Sudan-Sorghum. Spring grains are very difficult to harvest as there is considerable weed growth in the ripened grain.

In northern Ontario the Experimental Farm at Kapuskasing, reports that grain crops are in good condition and nearing maturity. To date, the month of August has been relatively dry and, except for one warm week, cool weather prevailed. A killing frost occurred in July and the average temperature for the month of July was 7 degrees below normal. From Port Arthur, in the Thunder Bay district, the hay crop is reported to be about normal and there is a surplus of a few hundred tons. Grain crops have improved satisfactorily but are ripening slowly due to the cool weather. Very little blight in potatoes has been reported and yields are expected to be near normal. Pastures are fair and aftermath in meadows is satisfactory.

MANITOBA

Harvesting is general in southern and central regions of Manitoba and has started in northern districts. Hot weather rushed maturity in eastern districts where prospects have deteriorated slightly. In general, yields and grades are good in south and central districts where some points have over 10 per cent combined and the bulk of the swathing done. In parts of the south wheat is averaging 20 to 30 bushels, oats 40 to 60, and barley 30 to 45 bushels per acre. Early flax is being threshed with good results. Mustard seed, rapeseed, peas and other special crops continue in good condition. Vegetables are now reaching the market in substantial volume.

A report from southeastern Manitoba at Vita states that swathing and combining is general although it may be two or three weeks before harvesting is completed because of the extended seeding period and the wet weather now prevailing. Preliminary wheat yields range from 20 to 30 bushels per acre grading No. 2 and 3 Northern. Oats are yielding 40 to 60 bushels grading 3 C.W. and 1 Feed. Barley yields are 40 bushels per acre grading 1 Feed. In the Altona district harvesting is advancing quickly under ideal weather. Wheat is yielding 30 to 35 bushels, weighing from 61 to 64 pounds per bushel and grading 1 to 3 Northern. Barley yields are varying greatly while oats are average to above average. The first field peas harvested showed promising yields while sugar beets have improved after last week's rain. Sunflowers are satisfactory although there is some verticillium wilt. Fall tillage is under way.

Harvesting operations are also in full swing at Pilot Mound in south-central Manitoba. Prospects are good with wheat yielding 25 to 35 bushels and grading No. 2 and 3. Oat yields range from 40 to 55 with the predominant grade No. 1 Feed. Yields of barley range from 30 to 40 bushels with the bulk grading 3 C.W. Flax is yielding 10 bushels and grading 1 C.W. Conditions are generally quite dry in this area. At Somerset swathing is general throughout the area. Combining of fall rye has been completed and some early wheat and oats are being threshed. Wheat yields range from 30 to 40 bushels and the predominant grade is No. 2. On poorer soils yields are between 20 and 30. Oats are yielding 50 to 60 bushels per acre. A general rain on August 24 halted all harvesting operations. Farther west, at Melita, no rain of any account has been received and conditions are dry. Harvesting of wheat, coarse grains and flax has started and wheat is yielding from 15 to 35 bushels per acre. Both the weight and sample of wheat are good. Crops are generally above average in this district.

East of Winnipeg at Beauséjour excessively high temperatures during the past week have brought on early swathing in the area. Weather permitting, combining should be in full swing by the end of next week. Late-seeded crops will have to hurry along to avoid the first frost. At Stonewall serious hail damage occurred on August 11 in a swath three miles wide and approximately 25 miles long. Damage to this area varied from 100 per cent down to 50 per cent. Otherwise crop prospects in the district are excellent. Swathing will be general by the end of this week as well as some combining of early-sown fields. The second cut of hay and wild hay is nearly completed. Pastures are starting to deteriorate but cattle are still in good condition. In the Portage la Prairie area swathing of early crops is 10 per cent completed and a few fields of wheat have been combined. Drought and heat will probably reduce the yields on late-sown crops. Early flax is being swathed while late fields continue to bloom. Sugar beets are doing well but could use rain as could all vegetable crops.

The Experimental Farm at Brandon reports that swathing of wheat and early-sown coarse grain is well advanced and a start has been made on combining. Yields will be above average although not as high as previously estimated. Wheat samples show moderate adverse effects from leaf rust but the bulk should grade No. 2 or 3 Northern. Prospects are good for a second cut of hay, but grain harvesting may prevent this from being taken off. Recent rain has improved the pastures. At Virden harvesting of rye is now completed with yields varying from 15 to 40 bushels per acre. Most of the wheat planted early is swathed and 15 per cent has been combined. Some early barley has been harvested. Late-sown wheat should be ready for swathing in about a week's time. Second cuts of hay are being taken. Pastures are in good condition.

In the Interlake district at Teulon swathing of cereals has just begun and will be general towards the end of this week. Harvesting of early barley crops has started. Some of the late-sown flax is still blooming and frost at this stage could cut the yield.

In west-central Manitoba at Minnedosa combining commenced in the Newdale, Rapid City and Moore Park areas and will be general in the next seven to ten days. Haying has not been completed due to wet weather. At Shoal Lake continued warm weather with little rain is allowing farmers to get on with swathing operations, but very little combining has been done. Approximately 70 per cent of the grains has been swathed and 50 per cent of the rapeseed and mustard is down. Lack of moisture and rust are adversely affecting late-seeded crops. In the Russell areas swathing is general and combining just beginning. Early samples of wheat and barley show good weight and grades. Wheat is a little shrunken but will make a good No. 3 Northern. Combining will be general this week.

In northern Manitoba at Dauphin swathing is also general and although combining has started it will not be general until next week. Good weather will be needed to mature late-seeded crops as they are still green. Wheat is grading mostly No. 3 with some No. 2. Yields are above average. A good second cut of alfalfa has been obtained. Summerfallows are in good condition in this district.

The unweighted average precipitation for the province since April 1 has been 12 per cent above normal, compared with 15 per cent above normal a week ago, 22 per cent above normal two weeks ago and 9 per cent above normal a year ago. Mean temperature for the week ending August 23 was 2.8 degrees below normal compared with 6.1 degrees above normal a week ago, 2.3 degrees above normal two weeks ago and 1.5 degrees below normal for the week ending August 24, 1964.

SASKATCHEWAN

High temperatures have hastened ripening of crops in Saskatchewan and harvesting is now under way in all districts. Some 30 per cent of the wheat, oats and barley have been swathed and 5 per cent of the wheat and 10 per cent of the coarse grains have been threshed. Wheat swathing is most advanced in southern and central districts and ranges from 40 to 50 per cent cut. Only about 5 per cent has been cut in northern districts. Harvesting of fall rye is well advanced with good yields reported. Threshing of other crops has not advanced sufficiently to ascertain the full effects of the extreme heat and rust, but early yield reports are very favourable. More than usual amounts of grain are being straight combined and the heavy straw will provide ample fodder for livestock producers.

Farmers are busy swathing in the Willmar district in the southeast part of the province and combining will be general this week. Crops are very good and our correspondent estimates that wheat should average 25, oats 50, barley 30, rye 25 and flax 10 bushels per acre. Good hay and forage crops have been taken off and pastures remain productive. There is now a need for about a month of hot, dry weather to finish up the harvest. Grain grades look good. Crops have matured very rapidly at Fillmore and swathing is about 50 per cent completed. Some combining has been done and crop yields range from good to very good. Rye is nearly all harvested with a higher than average yield being obtained.

The Experimental Farm at Indian Head reports that continued hot, dry weather has hastened ripening of all crops. Swathing is now general and combining is getting under way. Oats have been yielding from 70 to 80 bushels per acre and barley up to 50 bushels, while wheat has been running up to 40 bushels per acre and weighing 61 pounds per bushel. Late-seeded crops of wheat on lighter lands are not filling too well and yields and grades will be lowered. Summerfallows are all in good condition and pastures are holding up well. Livestock are making good gains.

In the south-central part of the province, around Big Beaver, combining is under way and oats are yielding 70, barley 50, and wheat 25 bushels per acre. All grain is grading in the top two grades. About one-half inch of rain was received early this week and there was hail reported. Harvesting operations are also under way at Val Marie in the southwest part of the province where wheat is yielding 20, barley 50, oats 60 and fall rye 30 bushels per acre. There is a wide range in test weight. Pastures and forage crops are good.

The Experimental Farm at Swift Current reports that swathing of wheat is about 50 per cent completed and combining has started. Yields and grades will be quite variable due to damage from heat and rust. Fall rye has been harvested and yields ran from 15 to 40 bushels per acre. Barley outturns range from 30 to 45 bushels and wheat yields should average about 20 bushels per acre. Wheat grades range from 2 to 5. Livestock and pastures are in excellent condition. All cereal crops have been swathed at Leader and about one quarter has been threshed. Wheat yields range from 20 to 30 bushels per acre but there has been shrinkage due to rust and heat.

Swathing is general and some combining has been done in the Togo district of east-central Saskatchewan. Barley samples are good but wheat shows the effect of heat and rust. Yields of all grains should be good throughout this district and crops have ripened quickly during the last few days. Pastures now show the effects of dry weather.

Most of the coarse grains have been swathed and about one-quarter has been combined around Drake in the central part of the province and are yielding well. About 70 per cent of the wheat has been swathed and the small acreage which has been combined has yielded about 20 bushels per acre with the grades ranging from 2 to 4. It is expected that the grades from late-sown fields will be poor. Although the warm, dry weather has been ideal for advancing the harvest at Craik, the lack of rain in the latter stages of crop maturity has resulted in some yield and grade reduction. Prospects are for a 22 bushel yield of wheat, 60 bushel yield of oats, 45 bushels for barley and 13 bushels per acre for flax. The continued favourable weather at Saskatoon has speeded the ripening and harvesting of all crops. Yield prospects are still outstanding in spite of leaf rust on wheat and the lack of moisture during the kernel filling period.

Harvesting is well under way in the Rosetown area in the west-central part of the province. Our correspondent estimates that wheat should average about 25 bushels per acre and grade between 2 and 4. About 15 per cent of the wheat has been combined. Swathing is also general at Scott and combining of wheat has begun. Early reports indicate that the bushelweight may be low and yields are unpredictable with outturns much lower than the stand would indicate. High winds on August 13 caused heavy breakage of stems.

Swathing of early-seeded crops is in full swing at Melfort in the northeast part of the province and a limited amount of combining has been done. Late-seeded crops are suffering from leaf rust infection and hot, dry weather. Early threshing returns indicate that shrivelling of wheat will reduce yields and quality. Some early barley sown on summerfallow is yielding from 40 to 60 bushels per acre. Second-cut hay is good but pastures now need rain.

The Saskatchewan Municipal Hail Insurance Association reports only a few scattered light hail storms during the past two weeks. A number of claims were received from the Elstow, Cudworth, Humboldt area but the crop damage was due mainly to windstorms on August 13 and 14. The Canadian Hail Underwriters Association reports hail storms on August 13 in the Valley Centre, Cudworth and Wynyard areas.

The unweighted average precipitation since April 1 has been 20 per cent above normal compared with 23 per cent above normal a week ago, 29 per cent above normal two weeks ago, and in contrast to 1 per cent above normal a year ago. Mean temperature for the week ending August 23 was 0.9 degree above normal compared with 7.8 degrees above normal a week ago, 4.6 degrees above normal two weeks ago, and 0.2 degree above normal for the week ending August 24, 1964.

ALBERTA

Continuing warm weather advanced crops rapidly in Alberta last week. Swathing is general and some threshing has been done. The hot weather has adversely affected yields as well as the weight per bushel. Oats and late barley will be light and grades will be lower than last year. About two weeks ago winds caused some shattering in southern areas where some crops had matured and wind with rain resulted in lodging in other areas. Sixty per cent of Alberta's rapeseed acreage was seeded in the Peace River area and much of the crop in that region has suffered from drought and insect damage and as a result both yields and quality will be quite a bit below normal. In central regions yields of rapeseed are expected to be better. Irrigated crops are continuing to make good growth and harvesting of canning peas is nearing completion. Excellent weather has favoured harvesting of a fair crop of

grass seed in the Peace River area. The quality of second cut hay has been very good.

In southeastern Alberta, around Medicine Hat, harvesting operations are in full swing with wheat and barley about 80 per cent swathed. Wheat is about 10 per cent threshed and barley 25. Some oats have been swathed. There was considerable wind damage in this area last Friday and shelling occurred up to as high as 30 per cent on wheat and barley. There is also some damage from rust. Both pastures and livestock are in good condition.

In the southwest, around Lethbridge, harvesting of winter wheat is nearing completion with yields running between 40 and 50 bushels per acre. Combining of barley is just commencing and prospects for this crop look good. Swathing of spring wheat has started and good yields are anticipated, although recent rain will delay harvesting operations. Harvesting of beans is nearly completed, sweet corn is moving to market, and sugar beets look good. Range grass is in excellent condition. At Cardston 75 per cent of the fall-sown wheat and fifty per cent of the barley have been swathed. Combining is delayed due to heavy showers. Spring wheat is filling well and should be ready for swathing in about two weeks. Haying operations are completed and pastures are good. Around Claresholm about 50 per cent of the winter wheat and rye has been swathed and swathing of spring grains is under way. Some good stands of winter wheat are yielding 40 bushels per acre and rye as high as 35 bushels. Spring-seeded grains look very heavy and good yields are anticipated. Harvesting of a fine hay crop is completed. Pastures are good and cattle are in excellent condition.

In the south-central part of the province, around Brooks, harvesting operations are in full swing on both dry land and irrigated land. Good yields are reported on irrigated areas and above average yields are being obtained on dry land acreages. Average yields for fall rye are about 18 bushels per acre, spring wheat 40, barley 50, and oats 60 bushels per acre. Second-crop alfalfa is being harvested but some yields are reduced due to aphids.

In the Hanna district of east-central Alberta swathing and combining of coarse grains are in progress and swathing of wheat will be general by the end of the week. Although yields are not as high as earlier anticipated, grain samples have been good. Rye is averaging about 18 bushels per acre. The weather has been very hot and dry and good weather for two more weeks will see most of the harvesting completed. Around Calgary, swathing of barley is becoming fairly general and some has been combined. Other cereal crops are ripening quickly and swathing should become general in a week to ten days. Given favourable harvesting conditions, a very good crop is expected in this area. Crops are maturing rapidly around Olds and swathing of barley is general. Some barley has been threshed and the bushel weight is light and quality only fair.

Harvesting operations have commenced in the Sedgewick district. Swathing of wheat is general with some early wheat and oats already threshed and some rapeseed combined. Most grains look good but dry, hot weather during July may have reduced yields slightly. At Vermilion, swathing of wheat will be general by August 26. Wheat will not yield as much as earlier anticipated due to red rust which has delayed maturing and filling of heads. Wheat heads average about 29 kernels and should average about 27 bushels per acre. Swathing of rapeseed is general and yields are averaging about 24 bushels. Some combining of early barley has been done.

In the central part of the province, around Donalda, all crops are headed and filling quite rapidly. Rain is needed soon for a proper filling of the grain. Due to the hot weather which has prevailed over the past few weeks about 90 per cent of all forage crops have been put up in perfect condition. Some scattered hail occurred in this area. Crops have also advanced rapidly during the past week at Stettler. A few fields of barley have been swathed but operations will not be general until about the first week of September. Yields will vary in this district due to the dry weather. There has been no hail damage to date.

At Edmonton early barley is now being harvested and indications are that yields will be about average and quality above average. Some rapeseed has been harvested and the quality of this crop looks good. Early-sown wheat is being swathed.

A few fields of early barley have been combined at Stony Plain but most farmers are trying to finish haying and as a result operations will not become general until later this week. Showers and heavy dew are delaying haying operations. Should frost occur in the next two weeks it would adversely affect the wheat crop as well as many fields of oats.

In the west-central part of the province, around Red Deer, filling of cereal crops has improved due to warm weather during the past week. Swathing and combining of barley is in full swing. Early-planted wheat is ready for swathing and oats are maturing rapidly. The bushel weight of barley is reported to be light. Harvesting operations are general at Lacombe and excellent dry weather prevails. Barley is 30 per cent swathed and about 15 per cent combined. Root rot and leaf disease are causing some yield and grade reduction. Soil moisture is becoming very low in this area and should speed the maturing of all crops. At Eckville harvesting of first-cut hay is not yet completed while cutting of the second crop is under way on many farms. Swathing operations are in full swing and some threshing has been done. Both yields and bushel weight of early barley have been somewhat disappointing, probably due to leaf scald. Weather conditions have been excellent for harvesting during the past week and oats are badly lodged.

Around Bonnyville cutting and swathing of cereals and rapeseed is general and, should dry weather continue, harvesting will be in full swing by the week-end. All crops are in fair to good condition and average yields are expected except for Garnet wheat which has been badly damaged by rust.

In the Beaverlodge region of the Peace River area harvesting operations are advancing rapidly with half of the cereals swathed. A severe hail and rain storm in the Hythe-Beaverlodge area on August 22 caused severe loss in an area of about 32 square miles. The actual extent of damage to crops is still not known. Except for this area, prospects continue to be good for both yields and quality of all crops. Around Berwyn harvesting operations commenced about August 15 but are temporarily delayed due to showers. Barley is about 75 per cent harvested and variable yields are reported. Wheat is about 5 per cent combined and oats about 10 to 15 per cent with both crops producing average yields. Brome and fescue crops are giving light to good yields.

The Alberta Hail Insurance Board reports that no appreciable hail damage has occurred since August 6. The Canadian Hail Underwriters Association reports that scattered storms occurred on August 13 at Thorsby, Mundare and Viking.

The unweighted average precipitation for the province since April 1 has been 23 per cent above normal, compared with 25 per cent above normal a week ago, 26 per cent above normal two weeks ago, and 11 per cent above normal a year ago. Mean temperature for the week ending August 23, 1965 was 5.6 degrees above normal, compared with 5.9 degrees above normal a week ago, 6.0 degrees above normal two weeks ago and 0.2 degree above normal for the week ending August 24, 1964.

BRITISH COLUMBIA

On Vancouver Island, it is reported that forage is making good recovery due to above normal August rain. The second-early potato crop is said to be excellent. A good loganberry harvest is finished, but tonnage was reduced somewhat due to hot, dry weather. The growth of new canes is excellent. Golden plums and early varieties of apples are giving good yields of excellent quality. Yields of Rochester and Winesap peaches are good.

At Agassiz in the Lower Fraser, recent rains have ended drought conditions. The raspberry harvest is almost completed except for the later varieties. Hot weather has brought early market corn in great volume creating an excess supply problem. The prospects for processing corn are very promising. Good yields and quality have been obtained for pole and bush beans with the harvest being general. The yield of oats is good with harvesting still under way. Due to the recent weather, pastures are showing marked improvement. The onion harvest shows good yield and quality.

In the south Okanagan Valley, at Summerland, a light early prune crop has been mostly harvested with the harvesting of the main crop beginning next week end. Wealthy and Tydemans Early are being harvested in the north Okanagan. The harvesting of McIntosh will start this week in the south Okanagan. In the Vernon area, tomatoes were seriously damaged by hail.

Harvesting of a light Bartlett pear crop is nearing completion at Vernon in the north Okanagan. In early areas picking of McIntosh apples is due in ten days. Most varieties are sizing up well where no winter injury was sustained.

In the central Interior, at Prince George, hot, dry weather has left soil moisture very low resulting in the slow growth of pastures. Coarse grains are developing rapidly with light yields being expected. The hay harvest is now complete and our correspondent estimates that the average yield was about 0.8 ton per acre. Feed supplies are short both for fall and winter. At Smithers, in the Skeena River Valley district, the weather continues warm and dry. Ranges and pastures show short growth due to insufficient moisture and hay crops are generally light but of good quality. In some areas, there is a shortage of forage. Cereals are maturing with average or better prospects anticipated. Irrigated horticultural crops have above average yield prospects.

Warm, dry weather has been dominant in the Dawson Creek area of the Peace River and, as a result, harvesting has started. Some fescue has been combined as well as barley but, as yet, no wheat nor oats. Early-grain yields are above average and the quality is excellent. Late-seeded fields will yield below average. Haying has been completed and clover seed prospects appear to be good.

At Fort St. John, crops are reported to be about average with most fescue now harvested. About 10 per cent of the barley has been harvested and about 40 per cent swathed. Thus far, quality of most crops is said to be excellent. The weather has been extremely dry over the past month resulting in some heads not filling well. All crops are well on in maturity and no frost damage is anticipated this year.

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. August 23, 1965	since April 1	since April 1	8 a.m. August 23 1965	Normal
			inches		degrees F.	
<u>MANITOBA</u>						
1	Boissevain	.04	14.44	11.11	59	62
	Pierson	.20	7.64	10.78	61	63
	Waskada	.10	13.36	11.12	61	64
2	Ninette	N.R.	9.88(2)	11.36	N.R.	62
	Baldur	.37	12.77	11.37	60	63
	Pilot Mound	.07	10.85	11.38	60	63
3	Altona	.68	12.21	10.53	61	64
	Deerwood	N.R.	11.29(2)	10.76	N.R.	62
	Graysville	.17	12.65	10.24	58	64
	Gretna	.15	11.56	10.65	61	64
	Morden	.23	11.71	10.96	62	64
	Morris	.06	13.14	9.81	60	66
	Portage la Prairie	.02	11.38	10.81	60	64
	Roland	.17	10.65	10.56	61	64
4	Stonewall	nil	13.53	10.69	58	64
5	Emerson	.24	9.76	10.59	61	65
	Steinbach	N.R.	11.00(2)	10.86	N.R.	63
	Winnipeg	.05	12.32	10.36	59	64
	Starbuck	.09	12.42	10.36	61	64
6	Seven Sisters Falls	.14	10.71	9.94	59	61
	Great Falls	N.R.	10.56(2)	9.35	N.R.	61
	Sprague	.59	16.40	11.90	58	60
7	Reston	N.R.	6.91(2)	10.74	N.R.	63
	Rivers	.52	13.09	11.94	60	62
	Virden	.46	13.55	10.28	60	63
8	Brandon	.76	13.37	11.62	60	62
	Cypress River	.55	11.96	10.61	59	63
9	Gladstone	.10	10.75	11.00	N.R.	N.R.
10	Birtle	.38	9.56	10.67	59	59
	Rosburn	.15	12.45	10.09	58	59
	Russell	.27	10.28	9.83	59	60
11	Dauphin	.06	12.93	10.01	59	63
12	Arborg	N.R.	12.18(2)	10.02	N.R.	62
	Gimli	.40	13.57	10.74	58	62
	Steep Rock	.17	6.66	9.86	59	60
13	Swan River	.52	12.13	10.08	61	58
	The Pas	.59	8.90	8.66	57	59
14	Grass River	.05	14.07	11.14	58	62
MANITOBA AVERAGE		.26	11.90	10.60	59.6	62.4

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. Aug. 23, 1965	since April 1	since April 1	8 a.m. August 23	
			inches		1965	Normal
SASKATCHEWAN						
1A	Carlyle	nil	11.13	10.18	61	60
	Estevan	trace	11.68	10.50	63	64
	Oxbow	N.R.	7.15(2)	10.60	N.R.	62
	Willmar	N.R.	10.38(2)	10.05	N.R.	N.R.
1B	Broadview	.17	9.46	10.87	59	59
	Moosomin	.40	10.23	11.00	61	61
2A	Yellow Grass	.02	11.08	9.35	63	62
	Weyburn	.02	12.29	9.49	63	62
	Midale	.03	13.69	9.33	62	62
2B	Moose Jaw	trace	11.00	8.61	63	63
	Regina	.02	11.12	9.04	64	62
	Francis	trace	9.88	8.57	61	61
	Qu'Appelle	.07	9.65	9.90	62	61
	Indian Head	.08	11.32	9.20	62	61
3AS	Ormiston	nil	11.51	9.23	63	62
	Cardross	N.R.	10.25(2)	9.15	N.R.	62
	Ceylon	trace	11.75	10.37	59	62
3AN	Chaplin	nil	8.32	7.98	63	62
	Gravelbourg	.01	11.29	8.93	64	62
	Coderre	nil	7.47	8.76	63	62
3BS	Shaunavon	trace	10.65	7.96	64	62
	Pambrun	nil	13.10	9.19	63	62
	Climax	N.R.	2.28(2)	7.37	N.R.	N.R.
	Aneroid	nil	8.51	8.09	63	62
	Instow	nil	9.84	8.24	64	62
3BN	Swift Current	trace	10.39	8.98	64	62
	Pennant	trace	11.53	7.87	66	63
	Hodgeville	nil	9.11	9.06	63	62
	Hughton	.04	7.35	7.52	66	62
4A	Maple Creek	trace	10.86	7.74	64	62
	Consul	nil	11.29	7.15	62	61
4B	Abbey	trace	7.13	7.10	66	62
	Leader	N.R.	9.87(2)	7.16	N.R.	62
5A	Cupar	.03	12.20(2)	8.52	67	62
	Balcarres	N.R.	13.09(2)	8.23	N.R.	N.R.
	Lipton	N.R.	11.71(2)	8.23	N.R.	62
	Melville	.17	8.19	9.02	58	60
	Yorkton	.17	11.25	9.38	59	62
	Bangor	.51	8.57	9.43	59	60
	Wynyard	.23	12.94	9.65	59	60
5B	Foam Lake	N.R.	10.11(2)	9.70	N.R.	60
	Kuroki	.33	17.27	9.57	56	59
	Lintlaw	.19	14.46	9.44	56	58
	Kamsack	.23	12.08	9.24	58	61
6A	Davidson	.06	10.50	7.83	63	61
	Imperial	.10	11.64	8.10	62	61
	Strasbourg	.08	11.11	8.65	63	60
	Watrous	.14	12.17	7.72	60	62

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m.	since	since	8 a.m.	
		Aug. 23, 1965	April 1	April 1	August 23	
			inches		1965	Normal
						degrees F.
<u>SASKATCHEWAN</u> - Concluded						
6B	Rosthern	.20	6.78	8.57	61	60
	Harris	N.R.	7.79(2)	7.49	64	61
	Outlook	.04	8.35	7.09	64	62
	Saskatoon	.12	7.17	8.57	63	61
	Elbow	.06	7.06	7.24	62	62
	Tugaske	.02	6.39	8.20	63	61
	Dundurn	.04	8.13	7.80	64	61
7A	Alsask	N.R.	5.99(2)	6.95	N.R.	61
	Kindersley	N.R.	5.89(2)	7.22	N.R.	61
	Rosetown	.18	8.74	8.24	61	61
7B	Macklin	.57	12.61	8.00	63	60
	Denzil	.66	10.45	8.00	64	60
	Scott	.13	7.82	8.04	62	59
	Biggar	.11	8.63	8.06	63	61
8A	Hudson Bay	.20	13.40	9.45	58	58
	Prairie River	.40	14.69	9.16	55	58
8B	Humboldt	.22	9.33	7.96	60	61
	Melfort	.29	10.62	8.74	59	59
9A	North Battleford	.33	9.93	7.84	64	61
	Victoire	N.R.	8.68(2)	8.35	N.R.	57
	Prince Albert	.95	8.89	8.93	59	60
	Island Falls	.39	10.97	9.66	56	57
9B	Waseca	.11	12.80	8.33	63	58
	St. Walburg	.22	13.21(2)	8.81	59	57
SASKATCHEWAN AVERAGE		.14	10.44	8.67	61.8	60.9
<u>ALBERTA</u>						
1	Empress	trace	7.22	5.72	66	64
	Foremost	nil	8.82	7.99	67	63
	Hanna	nil	8.01	7.99	64	60
	Manyberries	.01	14.48	6.28	67	64
	Medicine Hat	nil	9.05	7.10	68	65
	Winnifred	N.R.	5.04(2)	6.77	N.R.	N.R.
2	Brooks	nil	8.22	7.31	65	62
	Drumheller	.09	8.39	7.74	68	61
	Gleichen	nil	10.58	8.46	66	60
	Hays	.01	9.56	7.11	67	62
	Rainier	.02	13.78	7.19	65	62
	Vauxhall	.03	10.08	7.07	65	61



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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. Aug. 23, 1965	since April 1	since April 1	8 a.m. August 23	
			inches		1965	Normal
						degrees F.
ALBERTA - Concluded						
2	Warner	N.R.	9.80(2)	8.71	N.R.	61
	Raymond	.29	12.88	8.67	64	61
	Lethbridge	.01	13.16	8.88	65	61
	Trochu Equity	nil	9.53	9.74	64	59
	Vulcan	nil	15.45(2)	8.53	66	59
3	Calgary	.11	15.85	10.48	63	58
	Cardston	.03	13.35	9.47	62	59
	Pincher Creek	.07	13.53	10.84	62	57
	Fort MacLeod	.06	11.51	9.49	65	62
	High River	nil	10.50	11.22	61	57
	Magrath	nil	13.84	9.27	66	62
	Olds	.06	13.36	10.88	62	57
4	Alliance	.02	7.57	9.59	64	57
	Coronation	trace	6.45	8.08	67	59
	Hughenden	.08	9.89	8.83	63	58
	Lloydminster	.20	11.85	8.45	62	58
	Stettler	trace	9.38	10.22	65	57
	Vegreville	.03	10.87	9.33	65	58
	Ranfurly	.02	10.26	9.58	64	58
	Vermilion	.85	8.65	10.06	63	57
5	Edmonton	.03	14.28	10.72	64	59
	Lacombe	trace	12.70	11.32	64	58
	Red Deer	.02	10.92	10.49	65	57
	Rocky Mountain House	trace	17.48	14.30	63	56
	Wetaskiwin	trace	15.71	10.44	65	58
6	Athabasca	.33	10.67	9.69	66	57
	Campsie	N.R.	12.31(2)	11.18	N.R.	56
	Edson	.10	19.24	12.00	64	55
	Elk Point	.23	11.38	8.97	62	56
	Lac la Biche	.55	7.13	9.82	62	58
	Smith	.32	10.64	9.56	62	57
	Whitecourt	.13	16.47	12.68	62	55
7	Beaverlodge	2.72	16.29	8.00	64	57
	Fairview	.06	7.07	8.40	66	56
	Ft. Vermilion	.08	4.77	6.70	62	56
	Grande Prairie	.32	11.58	8.08	65	57
	High Prairie	.09	10.78	9.62	63	57
	Peace River	.10	4.43	7.68	65	56
	Rycroft	N.R.	7.47(2)	7.75	N.R.	57
	Wagner	.29	12.61	9.44	63	57
ALBERTA AVERAGE		.15	11.17	9.11	64.3	58.7

N.R. - No report.

(1) Source: Meteorological Service of Canada.

(2) Incomplete; not included in average.