

22-002
no. 9
1967
Aug. 23
c. 3

o.

e

967

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Price: \$4.00 for series of 20 Crop Reports

Field Crop Reporting Series - No. 16

TELEGRAPHIC CROP REPORT - CANADA

This is the fifth of the 1967 series of six telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the tenth of a series of eleven telegraphic reports on crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from the Federal and Provincial Departments of Agriculture, private crop observers and grain men supply the information on which these reports are based. The weather data included in this release are furnished by the Meteorological Division, Department of Transport.

S U M M A R Y

Maritime Provinces In Prince Edward Island abundant moisture combined with adequate heat has resulted in excellent growth of all field crops. Due to the wet weather, haying has not yet been completed and some deterioration in quality has occurred. Pastures are still showing excellent growth. Early-seeded grain is ripening fast but harvesting has not yet begun. Potatoes are doing well and some early fields have been lifted. Cole crops are progressing favourably; however, the pea crop appears to be below average. Throughout Nova Scotia wet weather has resulted in delayed hay harvesting and excellent pasture growth. Most crops are later than usual but growth is excellent. There has been some harvesting of spring grains in the Annapolis Valley and in other regions grains are ripening with some lodging taking place. Apples are sizing well and the crops look good. Potatoes are developing well but there has been some evidence of blight. In most areas corn is making good progress. Some over-maturity has occurred in peas and beans. Warm, humid weather has prevailed over most of New Brunswick during the past month. Much hay has been spoiled and grain crops have been seriously affected by adverse weather conditions. Lodging has taken place in many areas and barley has been affected by root rot. The potato crop looks promising but a light set is reported. Potato blight is under control. The early potato crop is producing light yields. The apple crop appears promising with some evidence of scab. Vegetable crops and field corn are progressing favourably. Pastures and aftermath growth are exceptionally good for this time of year.

Prepared in the Crops Section, Agriculture Division

5502-508.16

Quebec Harvesting of cereal crops has begun in Quebec with yields reported as being above normal but there will be some loss due to lodging and the extremely wet soil conditions. Second-growth on hay fields is heavy and pastures generally appear very good. Good crops are in prospect for potatoes, sugar beets, corn for grain and silage, flaxseed and forage crops. The apple harvest should be very good. Picking of raspberries has been completed with yields ranging from average to good. Livestock are in good condition and milk production is about normal.

Ontario Harvesting of winter wheat in Ontario is nearly completed with yields of about 40 bushels per acre reported. Cutting of spring grains has commenced and slightly above average yields are expected. Corn is making good growth in most areas. Soybeans appear promising but prospects for dry beans are variable. Harvesting of second-growth hay has commenced but yields are much lighter than the first crop. Tobacco cutting is under way and the crop is uneven. Picking of processing tomatoes has commenced and prospects are good. Peaches are being harvested and the yield is generally below average.

Prairie Provinces Swathing of grain crops is general in most of Manitoba, Saskatchewan and southern Alberta and combining is getting under way. Wheat yield prospects now appear better than anticipated earlier and first-threshed samples are weighing and grading well. Hot, dry weather is hastening crop maturity in central and northern Alberta and in northern Saskatchewan. Given good weather, an earlier than usual completion of the harvest can be anticipated.

RUST REPORT FOR THE PRAIRIE PROVINCES

The Canada Department of Agriculture Research Station in Winnipeg reports that recent rains on the prairies have provided favourable conditions for rust development and considerable leaf rust is now present on Selkirk, Pembina and Manitou wheat varieties in the Red River Valley and in northwestern Manitoba. However, only late fields could be appreciably damaged and it is doubtful whether rust will have any significant effect in 1967 on wheat yields. Only trace amounts of oats rusts have been found and will not affect oats yields this year.

British Columbia Hot, dry weather was experienced in most areas of British Columbia during the past few weeks. In the Lower Mainland hot weather conditions caused onion tops to fall prematurely and beets to mature one month ahead of time. Cabbage and potatoes are developing well although fields are very dry. The quality of potatoes is good and carrots are considered fair to good. Cucumbers and tomatoes are in good supply and excellent quality is reported in the Okanagan and Similkameen Districts. In all areas the pea crop has suffered from dry weather conditions. Lettuce and spinach and other cool weather crops are also in short supply as a result. All areas are suffering from dry weather conditions but irrigated vegetable fields have benefited tremendously this year. Good crops of apricots, peaches and apples are being harvested.

MARITIME PROVINCES

In Prince Edward Island wet weather has made haying difficult. Pastures are in excellent condition and excellent growth is reported in all field crops. Grain is ripening fast but harvesting has not started. Potatoes are doing well with practically no blight in evidence. Some early fields have been harvested. The strawberry harvest has been completed and yields were well above average. Septoria in oats, together with lodging, will cause a reduction in grain output as compared with last year.

The Cape Breton area of Nova Scotia reports most haymaking operations completed. Vegetable growth is spotty and the strawberry crop was good. In central Nova Scotia about half of the hay has been harvested. Pastures appear excellent and there is a plentiful supply of cattle feed for the present. Other crops are generally later but growth is excellent. Spring-seeded grain is ripening but there has been considerable lodging. Haying has been completed in the Amherst area, grain is turning very fast and should be ready for combining within the next two weeks. Corn is doing very well. In Truro the weather has been humid with a lack of sunshine and rainfall above normal. About one-third of the hay crop is still to be harvested. Grain is ripening with a considerable amount of lodging. An average crop of potatoes is expected although some blight has been reported. Pasture conditions are good and vegetable crops are showing excellent growth. In the Annapolis Valley about three-quarters of the haying has been done with the remainder being held up by wet weather. Considerable spoilage has occurred. Pastures are excellent. Winter cereal harvesting is nearly completed with yields below average. Some spring cereal harvesting has begun with good yields reported. There has been considerable lodging of grain. Silage corn growth has been excellent. The potato yield is slightly below average with no evidence of blight. Apples are sizing well and the prospects look good.

In New Brunswick warm, humid weather has resulted in much hay spoilage, and about one-third of the crop is yet to be harvested. In the Fredericton area, grain crops have been seriously affected by adverse weather conditions and much lodging has occurred. Barley has been affected by root rot. The potato crop appears promising but a light set has been reported. There is some evidence of blight. Vegetable crops, field corn and tobacco are showing promise of high yields. Pasture growth is excellent. In the area around Perth frequent showers have hampered haying operations. The quality is reported to be low due mainly to the excess moisture. The grain is ripening fast with a good crop forecast; however, heavy lodging has occurred. Potatoes are showing good growth and top killing will be general in the next week or ten days.

QUEBEC

To the north of Montreal the tobacco crop appears very promising and harvesting began in the first week of August. Raspberry picking was completed about the middle of the month. The cereal crop is in good condition and is now ready for harvesting. In the St. Jean region the temperature from July 19 to August 22 averaged 70.5 degrees, with a total precipitation of 2.98 inches. Leaf blight, which developed during the season, was more severe than usual and caused serious damage to several vegetable crops. Due to excessive rain the pea harvest, which is now completed, yielded well below average. Hail storms which occurred earlier in the month caused damage to some orchards in various districts.

Frequent thunderstorms around Lennoxville, together with 5.1 inches of rain, have been experienced since the beginning of the month. Normal growth of grass is reported with haying already completed. Corn for fodder now stands at from 8 to 10 feet and the yield is very promising. Harvesting of cereals has now begun, and rapeseed in particular appears promising. Mildew is reported to be affecting potatoes. In the vicinity of La Pocatière, heavy, frequent rain during the first three weeks of August, producing 4.75 inches of precipitation, retarded haying and caused lodging of cereals. Haying is now completed with yields 20 per cent above normal, but 50 per cent of the crop is of mediocre quality. Pastures and meadows are better than average. Harvesting of barley and rapeseed has now started, with oat yields adversely affected by lodging. Potatoes, swedes, and corn look very promising.

The 2.95 inches of rain which fell during the last 20 days in the Normandin area helped grain crops, but was detrimental to the hay crop. With good pasture growth, milk production is holding up well. The potato crop in this area is very promising. Picking of blueberries is going ahead slowly, with good yields reported.

ONTARIO

In Essex County of southern Ontario harvesting of winter wheat is completed and combining of oats is progressing well despite uneven ripening. Yields are reported to be about average. Full season crops are making good growth. Harvesting of a below-average crop of early potatoes is almost completed. Picking of processing tomatoes is under way and prospects look good although moisture is needed in some areas. Harvesting of peaches is in full swing with both size and yield below normal. Picking of burley tobacco has started. Harvesting of winter wheat is completed on Pelee Island and average yields are reported. Soybeans are making good growth and filling well. Corn looks very good and moisture supplies vary from fair to good. In Kent County all crops are doing well except in some sections where hail damage had occurred. Tobacco and corn were severely damaged. Tomatoes show a good set but are late in maturing due to cool weather. Warmer weather is also required to advance maturity of corn and soybeans. Priming of tobacco is well under way. Although rainfall has been quite variable moisture supplies are generally adequate. Pastures are in excellent condition. Sugar beets are also in excellent condition except in isolated areas where hail damage occurred.

In Middlesex County harvesting of winter wheat is completed and both yields and quality are reported to be below average. Early-seeded spring grains vary from poor to excellent and some fields are badly lodged. Hail damage has occurred in some areas of both northern and central parts of the County. Regrowth of both hay and pastures has been good. In Norfolk County harvesting of winter wheat is completed and the crop averaged about 35 bushels per acre. Harvesting of spring grains, second-growth hay, tobacco, tomatoes and cucumbers is now under way. Many fields of oats are badly lodged and, as a result, damage is occurring to new seedings. Grain corn looks excellent but will require a full growing season to reach maturity. Second-growth hay is light but the quality is excellent. Picking of tobacco is under way and both yield and quality are better than expected. In Lincoln County rainfall has been adequate but night temperatures have been quite cool during the past week. The peach crop is generally reported to be lighter than average. Harvesting of Red Havens is proceeding in volume and picking of the Jubilee variety is just commencing. Picking of tomatoes for processing is under way. Aphids and leaf hoppers are unusually troublesome in many vegetables and fruit crops. The infestation of oriental fruit moths is very light on peaches. There are no serious fruit disease problems at present except for fire blight on pears and apples.

Crops in Simcoe County are reported to be about two weeks' later than usual. Harvesting of winter wheat is nearing completion and although oats and barley are either swathed or cut, combining of these crops is just beginning. Yields of spring grains are somewhat reduced due to excessive moisture during July. Haying operations were generally completed about August 14 but quality of the first cut was very poor, due to adverse harvesting conditions. In Bruce County swathing and combining of spring grains is in progress although a large percentage of the crop is lodged. Yields vary from fair to excellent. All other crops are making good growth.

In Wellington County harvesting of spring grains and second-crop hay is general. Although favourable weather prevailed during the period August 11-to 17, excessive moisture is still a problem in some areas. Many fields of spring grains are badly lodged but above-average yields are still anticipated. Good yields of silage corn are also expected from well-drained fields. New seedlings generally look good. Harvesting of first-cut hay has been completed in Halton County and although yields were excellent, quality was poor. Winter wheat is yielding between 40 and 50 bushels per acre and early-seeded spring grains are also yielding very well despite being badly lodged. Rust is reported to be a problem in this area. Corn on heavy land is poor but is very good on lighter soils. Pastures are in excellent condition. Cherries were an above-average crop and apples are also expected to be above average.

In Durham County harvesting of winter wheat is generally completed. Spring grains are badly lodged and as a result harvesting is slow. Second-crop hay yields are excellent and quality is much better than the first crop. Harvesting of tobacco is continuing but the crop is later than usual. In Peterborough County rainy weather continued to make harvesting difficult. Combining of winter wheat is almost completed with average yields and good quality reported. Spring grains are severely lodged and harvesting is slow and quality poor. Corn and pastures are in excellent condition. In Carleton County of Eastern Ontario most fields of spring grains are lodged and harvesting is difficult. The corn crop is variable and needs warm dry weather to hasten maturity. Harvesting of second-crop hay is under way and although the first crop was generally good, quality was somewhat reduced by adverse weather. Pastures are in good condition. In Renfrew County combining of fall wheat is under way with some yields running as high as 65 bushels per acre. Harvesting of spring grains has commenced. Corn varies from poor to excellent while pastures are very good. Harvesting of first-crop hay is still continuing and cutting of a heavy crop of second-growth alfalfa has commenced.

A report from Kapuskasing in Northern Ontario indicates that about 20 per cent of the hay crop is still standing. Oats and barley are badly lodged due to torrential rains and high winds and these crops are now reaching maturity. Second-crop hay on early fields is now coming into bloom. Pastures are in excellent condition. In the Thunder Bay district haying operations are completed with yields and quality reduced about 20 per cent less than average. Early potatoes of good quality are being marketed. Pastures are in fair condition. Harvesting of spring grains is under way and yields are average.

MANTIOBA

Harvesting has been temporarily delayed by scattered showers in many areas of Manitoba. Combining of fall rye is completed with yields ranging from 9 to 35 bushels per acre. Swathing is general throughout the province except in Ste. Rose, Swan River and Shoal Lake regions. Threshing is one-third finished at Melita, Deloraine, Souris and Brandon. Elsewhere combining will become general by the end of this week. Special crops are making satisfactory progress but pastures, although improved by the rain, still lack normal carrying capacity. Except in the Red River Valley second-cut hay is short but of good quality. Fodder supplies are adequate except around Melita and Virden.

Although about one-half inch of rain was received around Altona during the week, the harvest is proceeding steadily with many fields of cereals already in the swath and some combined. Sunflowers and sugar beets are progressing much better than expected. Field peas are filling well and prospects are good. The second cut of alfalfa is almost completed. To the northwest in the Morden area swathing of wheat is 15 per cent completed with barley 60 per cent and oats 30 per cent finished. Combining of all three crops has started with wheat yielding 25 to 30 bushels per acre. Combining of rye is now over. The harvest is somewhat later around Manitou and frost has caused damage to silage corn and home gardens. Pastures are in good condition.

Harvesting operations are now in full swing in the Pilot Mound area. Yield reports are quite variable with barley yielding 20 to 60 bushels per acre depending on soil fertility. Sample grades of wheat and barley appear to be quite good, but in most cases the flax and oat crops are very mediocre. Of the other crops sunflowers are reported good, rapeseed average or slightly below, and silage corn fair to good. There has been no recent rain around Melita where harvesting of rye is completed and harvesting of wheat, oats, barley and flax is under way. As yet it is too early to determine average yields.

Around Selkirk harvesting of wheat and barley has now begun with wheat yields estimated at 27 bushels per acre, and barley about 30 bushels. Potential yields for other crops are now estimated as follows: oats 50 bushels, flax 12 bushels, rapeseed 18, and buckwheat 20 bushels. The second cutting of hay is now progressing well under favourable conditions. With adequate moisture reported in the Portage la Prairie district, crops are maturing quickly. Barley which is about one-half swathed and about one-quarter threshed is yielding from 30 to 60 bushels per acre and providing a good sample. Wheat which is presently about 5 percent swathed is expected to yield from 25 to 30 bushels per acre, while oats will probably give a below average crop of from 40 to 50 bushels.

In the Virden area harvesting is now general with 60 per cent of the cereals already swathed and 10 per cent combined. Late rains have helped to fill this year's crop and wheat should average around 20 bushels per acre, while rye will reach about 14 bushels. Although pastures have improved in certain areas, hay supplies will be short. Swathing of barley and wheat has started in the Interlake district around Teulon and some barley has been threshed. The timothy harvest is finished. The second crop of hay is good.

Good harvesting weather was experienced in the Neepawa district until August 16 when scattered showers left from a trace to one-half inch of rain. Of the fall rye crop 75 per cent is now swathed and 30 per cent combined. Early deliveries indicate an average yield of about 25 bushels per acre with a large percentage grading No. 2. Swathing of about 20 per cent of the other cereals has been completed and an average to good crop is in prospect. At Shoal Lake in spite of rain on August 20 which delayed harvesting, swathing is approximately 20 per cent completed. Barley is yielding from 35 to 40 bushels per acre with yields of fall rye up to 30 bushels. Frost which occurred on August 18 slightly damaged gardens. In this area pastures are poor and hay yields are only average to below average. To the west around Russell swathing should become general during this week. Some barley has already been threshed and averaged 55 bushels per acre. Light hail around Inglis did very little damage but frost touched beans and tomatoes in gardens.

In northwest Manitoba a hail storm which occurred on August 16 resulted in up to 50 per cent loss on 6,000 acres in the Ethelbert municipality and up to 60 per cent loss over 14,000 acres in Dauphin municipality. Swathing in this area is progressing very favourably and combining started on August 17. Yield estimates are: wheat 50 bushels per acre, barley 40, oats 55 and flaxseed 8 bushels. Harvesting of rye is well under way around Swan River, with yields averaging 35 bushels per acre. Swathing of wheat, oats and barley has started and should become general in about four days' time. Recent rains have improved pasture conditions and surplus fodder supplies are available.

According to the Canadian Hail Underwriters Association, hail storms occurred on August 7 from Kirkella to Lenore and in the Brandon and Binscarth areas. On August 13 the Carberry area was affected and on August 16 a storm occurred in the Ethelbert, Dauphin, and Plum Coulee regions.

The Canada Department of Agriculture Research Station at Winnipeg reports that a recent survey of the adult grasshopper population shows an infestation covering 1,146 square miles as compared to 337 square miles of light infestation in 1966. Infestations are largely confined to pastures and hay land in the light soil areas of the central part of the province.

The unweighted average precipitation for the province since April 1 has been 14 per cent below normal, compared with 12 per cent below normal a week ago, 9 per cent below normal two weeks ago, and 7 per cent above normal a year ago. Mean temperature for the week ending August 21 was 0.4 degree above normal as compared with 0.3 degree below normal a week ago, 1.4 degrees below normal two weeks ago and 3.9 degrees below normal for the week ending August 22, 1966.

SASKATCHEWAN

Continued high temperatures in Saskatchewan have resulted in rapid ripening of grain and swathing is under way in all districts. On a provincial basis some 20 per cent of the wheat and 25 per cent of the coarse grains have been swathed. Swathing is most advanced in Crop Districts 1, 2 and 3 in the southern part of the province where 30, 40 and 35 per cent, respectively, is cut. In Crop Districts 4 to 7 some 15 to 20 per cent has been swathed while in northern districts cutting has just commenced. Yield prospects are quite favourable considering the abnormally low rainfall received this growing season.

At Willmar in the southeast part of the province most of the fall rye has been combined with yields averaging some 15 bushels per acre. Some oats and a little wheat have been threshed and yields are fairly good considering the growing conditions. Standing wheat crops are still green. Pastures are very dry and the hay crop is short. Temperatures have been below normal in the Moosomin district during the past week and some frost damage was reported on August 18. Considerable swathing has been done but only fall rye and some early oat fields and barley have been combined. Samples to date show good quality and yields are better than expected from both summerfallow and stubble crops.

Nearly two-thirds of the swathing has been done at Fillmore and some combining of early-seeded light crops has been completed. Crop yields are better than expected with wheat grading No. 2 Northern and better. Coarse grains, while yielding fairly well, are light in weight. Pastures are poor. The Experimental Farm at Indian Head reports that swathing of grain is in full swing and combining is well under way. Yields of wheat on summerfallow are running up to 25 bushels per acre and the sample is good, grading No. 2 Northern and weighing 60 to 62 pounds per bushel. Although yields on stubble are only running 8 to 12 bushels, the sample is good and well filled. Rains received last week will help fill the later crops but will not increase the yield. Pastures have improved slightly but are still not rated as good. Summerfallow fields are in good condition and generally free of weed growth.

At Big Beaver in the south-central part of the province the weather has been hot and dry and swathing is 75 per cent completed. Combining has started with wheat averaging 15 bushels per acre and grading No. 2 and 3 Northern. The hay crop in this district was good and pastures are still green. At Val Marie in the southwest part of the province harvesting is well under way with wheat running 9 bushels, oats 25 and barley 20 bushels per acre. The bushel weight of wheat is running about 58 pounds. The second cut of hay is better than expected.

The Experimental Farm at Swift Current reports that wheat swathing became general last week and is progressing rapidly. A considerable acreage will be straight combined this year. Threshing has advanced on the lighter soils and yields are higher than expected. The sample is generally good. Harvesting of fall rye is practically completed with yields ranging from 5 to 25 bushels per acre. Livestock are in good condition but pastures are very dry. Swathing is nearly completed at Leader and some threshing has been done. The sample is good and yields are also good in this district.

In the east-central part of the province at Melville some early crops have been swathed and combined. Yields on these fields have been approximately 10 bushels for wheat and 15 to 20 bushels for coarse grains. Haying has been completed but pasture lands are poor. Rainfall in this district has totalled only 2.25 inches for the growing season compared with the long-term average of 8.17 inches. At Togo swathing is general and some combining has been done. However, green growth is holding up operations in some fields. There was no apparent damage from the recent frost and grades and yields should be good. Pastures are very dry as no rain has been received since August 7.

In the central part of the province at Drake, half of the grain acreage is in the swath, and some coarse grains have been combined. Yields in these fields range from 10 to 25 bushels per acre. Light sawfly damage is showing in some wheat fields and wheat kernels are shrivelled. Combining will be general by next week. Pastures are dry. Some 50 per cent of the swathing has been completed at Craik and combining has commenced. Samples so far indicate the bushel weight of wheat to be from 60 to 63 pounds with the yields running from 10 to 15 bushels per acre and grading No. 2 Northern. Fall rye is good with yields up to 35 bushels per acre reported. Flax is also good but coarse grains are poor. Harvesting has commenced in the Saskatoon area with the yield and quality generally a little better than expected. The rapeseed crop appears to be good with very little disease evident.

The Experimental Farm at Scott in the west-central part of the province reports that the local, spotty rain showers received recently will further benefit the good crop. Combining of fall rye is almost completed and swathing of barley and oats is general. Swathing of rapeseed has also commenced. Moisture conditions are generally good but there are indications that considerable sawfly damage could occur. Crops are also generally good at Meota in the northwest part of the province. Some swathing is being done and should be general by the end of the week. Early barley, already combined, yielded well. Summerfallows are being worked for the fourth time and are now in good condition.

The Experimental Farm at Melfort reports that the hot, dry weather is hastening maturity of all crops. Swathing of barley is nicely under way and cutting of wheat will be general next week. Grain crops are filling well despite the summer drought but yields will be considerably lower than last year, especially those on stubble land. Stands of Argentine rape are below average but surprisingly good considering the drought. In general Polish types will produce only light yields.

The Saskatchewan Municipal Hail Insurance Association reports extensive hail storms on August 7 in the area from Bromhead to Portal. Viceroy to Weyburn, Spring Valley to Fillmore, Drinkwater to Francis and Qu'Appelle to Whitewood. Small storms also occurred on August 13 at Minton and Big Beaver; August 14 at Swift Current, Morse, Traynor and Arelee; August 16 at Frontier and August 17 at Vanguard. The Canadian Hail Underwriters Association reports storms on August 7 at Chaplin to Moose Jaw, Drinkwater to Laford, Claybank to Truax, Lang to Handsworth, Ceylon area, Torquay to Estevan, Wolseley area; and on August 14 in the Traynor area.

The unweighted average precipitation for the province since April 1 has been 46 per cent below normal, compared with 47 per cent below normal a week ago, 49 per cent below normal two weeks ago and in contrast to 12 per cent above normal a year ago. Mean temperature for the week ending August 21 was 4.4 degrees above normal, compared with 4.1 degrees above normal a week ago, 0.9 degree below normal two weeks ago and 5.2 degrees below normal for the week ending August 22; 1966.

ALBERTA

Hot, dry weather has hastened ripening of crops throughout Alberta and crop yield prospects are somewhat better than anticipated. In the south, wheat and barley crops have ripened prematurely, but yields are expected to be average or better than average. A considerable amount of rye, winter wheat and barley has been swathed in the region. Crops are generally good in the west-central and central portion of the province, including the northeast, although little swathing has been done. Northward from Edmonton into the Peace River crop prospects are only fair. In the Peace River up to 20 per cent of the barley has been harvested with yields better than anticipated and of good quality in most areas. The grass seed harvest is nearing completion with only fair yields.

In the southeast at Manyberries the harvest of rye, barley and wheat has indicated yields of 7, 18 and 12 to 15 bushels, respectively. The bushel weights for barley run between 44 and 50 pounds and wheat 60 pounds. There has been no rain recently. Pasture grass is very dry with topsoil moisture at 40 per cent and sub-soil moisture at 60 per cent of normal. The crop loss in wheat is estimated at 12 per cent on account of the drought. Cattle are reported to be in good condition. In the vicinity of Medicine Hat harvesting is becoming general with some straight combining being done but the majority of the crops are being swathed. Wheat should average 15 bushels, oats 20, barley 25 and flax 10 bushels per acre. Livestock are in good condition but pastures are dry.

In the southwest around Lethbridge the harvest of winter wheat is nearing completion. Some spring cereals are now in swath. Sugar beet prospects are good but potato yields are expected to be down. Fresh corn is now moving to market and is of good quality. The bean harvest is in full swing and picking of cucumbers is general. No rain has been received during the past two weeks. Grasshoppers continue to increase in southern portions of the province with some control measures being taken. In the vicinity of Cardston combining of fall wheat is general with yields averaging 30 bushels and the threshed crop grading No. 2 Alberta Winter. Some early barley is also being swathed. Pastures are in dry condition. To the north at Claresholm harvesting of winter wheat and rye is under way with yields from 20 to 30 bushels per acre. The district has had very little rain since spring, however, yields of spring wheat and coarse grains will be close to average. The harvest of spring grains is about a week away and grades should be good.

In the south-central region at Brooks harvest is under way and some wheat has been combined from irrigated land and yields from the latter are about 40 bushels per acre. Peas for seed are yielding between 1,200 to 1,500 pounds per acre and are of excellent quality. Barley is being swathed and the harvesting of a good stand of second-cut alfalfa is under way. Yields and quality of cereals vary considerably on dry land in the district. In the vicinity of Vulcan the threshing of rye has been completed and oats and barley have all been swathed with some combined. Swathing of wheat is well advanced. Barley is yielding about 45 bushels with wheat expected to produce about 20 bushels per acre. Harvesting of wheat will be general in ten days.

In the west-central region around Calgary crops are ripening quickly and some barley has been swathed. Swathing of all crops will be general next week. Crops have come through the long period of hot, dry weather better than expected and it is thought yields will be about normal. Hot, dry weather around Olds is turning crops rapidly and some swathing and threshing of barley and rapeseed have been done and yields are fair. Wheat will not be cut for another week.

In the east-central region at Sedgewick harvesting is coming on rapidly. Rye has been swathed and 20 per cent of the crop has been threshed with yields averaging 30 bushels per acre. Some rapeseed has been swathed with a small portion threshed. Wheat will be ready for swathing within the month. Farther north at Sedgewick swathing has become quite general on barley and a fair amount of rape has also been cut. Some threshing has been done on early-seeded barley and if weather permits swathing will be general in 10 to 15 days on all crops. Crops have filled out very well and it is expected that average to slightly above average yields will be obtained. In the central region at Stettler the weather has been good and some barley is being harvested. Heads of grain are filling well. Over two inches of rain have been received in the last two weeks. In the north-central region at Edmonton warm, dry weather has greatly aided the ripening of crops. Early-sown barley fields are now being harvested and yields appear fair to good. Continued warm weather is now needed. In the vicinity of Stony Plain crops are ripening very quickly with some 25 per cent of the barley cut and 5 per cent combined. Yields of barley are quite variable ranging from 15 to 65 bushels per acre. Fertilized crops are obviously superior even with the dry growing season. The harvesting of rapeseed, oats and wheat will commence within the week.

In the west-central region in the area around Red Deer crops have filled out well and the warm weather has hastened ripening. Swathing is under way and some threshing has been completed. Prospects for a better than average yield are good. Recent rainfall will improve pastures and the second-cut hay crop. To the north at Lacombe hot, dry weather during the past two weeks has depleted soil moisture reserves. The swathing of barley has started. Hay and pastures are in very dry condition. At Eckville swathing commenced on August 18 and will be general this week. Hot, dry weather over the past two weeks has brought crops on rapidly with some deterioration. Wheat yields are estimated at 28 bushels, oats 50, barley 38 and rapeseed 24 bushels per acre. Summerfallowed land is in good condition.

In the Peace River area hot, dry weather at Beaverlodge has caused premature ripening of all crops. Large amounts of barley have been swathed with some of the crop being left for straight combining. Threshed barley is yielding 20 to 25 bushels per acre. Oats are drying rather than ripening and poor yields are indicated. The rapeseed crop is expected to yield between 600 to 700 pounds per acre. Summerfallow wheat is holding up well and yields are expected to run between 15 to 20 bushels per acre. The fescue crop has been harvested and light seed averaging 150 pounds has been reported. The swathing of red and alsike clover is well under way and good yields are indicated.

The Alberta Hail Insurance Board reports the following hail storms:

August 12 - Storm west to east pockets of moderate damage from Edson, Rocky Rapids, Tomahawk; August 16-17 - overnight storm Warburg, southeast through Ponoka, Morningside, Chigwell, Clive, Nevis, Fenn, Big Valley, with heavy damage on ripe crops but otherwise moderate.

The Canadian Hail Underwriters Association also report the following storms:

August 6 - Cardston to Coaldale; August 8 - Two Hills area.

The unweighted average precipitation for the province since April 1 has been 23 per cent below normal compared with 20 per cent below normal a week ago, 17 per cent below normal two weeks ago and in contrast to 11 per cent above normal a year ago. Mean temperature for the week ending August 23 has been 9.5 degrees above normal compared with 5.2 degrees above normal a week ago and in contrast to 0.4 degree below normal two weeks ago and 4.7 degrees below normal for the week ending August 22, 1966.

BRITISH COLUMBIA

Around Victoria the weather continues to be hot and dry. Loganberries and raspberries are harvested with above normal yields while normal yields are indicated for apples, cherries and vegetables. The corn crop looks good and potatoes are well advanced but pastures are suffering from drought.

Reports from Agassiz indicate that harvesting of raspberry and pea crops is completed with good quality and yield. Harvesting of the Pole bean crop is well advanced and pastures are very dry. The corn harvest is commencing.

At Summerland, continued hot weather accelerated fruit crop maturity. Harvesting of Bartlett pears is in full swing in the central Okanagan and nearing completion in the South Okanagan. Harvesting of the peach crop is nearly completed and that for early Italian prunes is now in full swing. Dry weather conditions, however, have caused light yields of wheat and hay. Poor pasture conditions are also reported.

In the Creston area harvesting of winter wheat and white clover crops has been completed. Yields are average and quality above normal. The second cut of alfalfa is completed with lower than average yields but of high quality. Pastures are drying up as a result of hot, dry weather, but tree fruits under irrigation are sizing well.

Around Prince George harvesting of hay and silage crops has been completed. The first appreciable amount of rain since mid-July was received in the last two days and this will enhance prospects for a second crop of hay.

At Dawson Creek hot, dry weather is ripening crops rapidly. Fescue seed harvesting is nearly completed and haying completed. Alsike seed crops are maturing early and are short and light. A poor honey crop is reported due to dry weather conditions. At Fort St. John harvesting of fescue is nearly completed with an average yield indication of about 175 pounds per acre.

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 21/67	since April 1	since April 1	8 a.m. August 21/67	
					1967	Normal
			inches		degrees F.	
<u>MANITOBA</u>						
1	Boissevain	trace	5.81	11.26	64	63
	Pierson	.19	3.70	10.26	65	64
	Waskada	N.R.	4.80(2)	10.79	N.R.	63
2	Baldur	N.R.	10.27(2)	10.95	64	64
	Pilot Mound	.46	10.31	10.92	64	64
3	Altona	.23	9.57	10.25	66	65
	Deerwood	nil	12.02	10.72	64	66
	Graysville	nil	13.69	9.70	N.R.	65
	Morden	.26	11.15	10.92	67	66
	Morris	.10	8.57	10.13	65	66
	Portage la Prairie	nil	10.21	12.41	66	65
	Roland	.03	10.54	10.35	70	65
4	Stonewall	.15	11.18	11.15	62	65
5	Emerson	N.R.	8.82(2)	10.69	N.R.	65
	Steinbach	trace	9.73	10.52	65	64
	Winnipeg	.44	12.57	10.86	64	65
	Starbuck	.03	9.86	10.55	65	65
6	Seven Sisters Falls	nil	10.44	10.54	64	64
	Great Falls	N.R.	8.74(2)	8.36	N.R.	65
	Sprague	.26	13.45	11.54	65	62
7	Rivers	.22	6.82	11.02	64	64
	Virden	nil	6.43	10.52	64	64
8	Brandon	.15	6.63	11.27	64	63
	Cypress River	.08	9.76	10.82	64	64
9	Gladstone	trace	7.60	10.79	62	64
10	Birtle	.16	6.85	11.11	62	61
	Rosburn	.24	8.19	10.22	63	62
	Russell	.22	7.40	9.12	62	61
11	Dauphin	.39	9.34	10.87	64	63
12	Arborg	.47	10.39	10.38	63	63
	Gimli	.44	10.53	11.10	65	63
	Steep Rock	N.R.	7.64(2)	9.60	N.R.	63
13	Swan River	.07	5.43	10.57	62	63
	The Pas	.11	6.43	9.16	62	61
14	Grass River	N.R.	6.28(2)	10.80	N.R.	63
MANITOBA AVERAGE		.16	9.12	10.58	64.2	63.8
<u>SASKATCHEWAN</u>						
1A	Carlyle	.07	6.30	9.67	64	62
	Estevan	.77	4.40	9.58	68	66
	Oxbow	nil	4.35	8.79	62	62
	Willmar	.22	5.25	10.30	60	N.R.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending 8 a.m.	
		Week ending	Total	Normal	August 21/67	
		8 a.m.	since	since		
		August 21/67	April 1	April 1	1967	Normal
			inches		degrees F.	
<u>SASKATCHEWAN</u> - Continued						
1B	Broadview	.04	5.14	10.65	63	61
	Moosomin	nil	6.64	10.85	68	62
2A	Yellow Grass	1.04	5.40	9.31	68	63
	Weyburn	1.06	5.87	9.10	66	63
	Midale	.82	6.42	9.11	66	64
2B	Moose Jaw	.20	4.30	8.81	69	65
	Regina	.08	2.66	9.13	67	63
	Francis	.27	3.44	8.69	63	62
	Indian Head	.16	2.98	8.99	66	62
3AS	Ormiston	.72	2.39	9.20	71	63
	Cardross	.78	3.51	9.27	66	63
	Ceylon	.74	5.51	9.39	66	62
3AN	Chaplin	.50	6.04	7.92	67	63
	Gravelbourg	.52	3.60	7.70	67	64
3BS	Shaunavon	nil	3.90	8.04	66	62
	Pambrun	.30	3.94	8.54	69	63
	Climax	N.R.	.61(2)	7.32	N.R.	N.R.
	Aneroid	.34	3.62(2)	7.76	70	63
	Instow	nil	2.84(2)	8.10	60	62
3BN	Swift Current	.36	4.52	9.02	68	63
	Pennant	.22	3.38	7.96	67	63
	Hodgeville	.89	3.35	8.44	67	63
	Hughton	.07	2.24(2)	7.27	70	63
4A	Maple Creek	.04	8.00	7.43	72	63
	Consul	nil	4.62	6.86	69	62
4B	Abbey	N.R.	4.31(2)	7.55	N.R.	63
	Leader	.28	5.52	7.00	70	64
5A	Cupar	.04	3.49	8.80	65	63
	Balcarres	N.R.	2.81(2)	9.30	N.R.	N.R.
	Melville	nil	2.27	9.50	65	62
	Yorkton	.23	2.84	9.55	65	62
	Bangor	nil	5.17	9.86	64	62
5B	Wynyard	.13	2.86	8.99	65	61
	Foam Lake	nil	3.50	9.00	61	61
	Kuroki	.06	3.97	9.35	64	59
	Lintlaw	.01	4.11	9.51	62	58
	Kamsack	.06	3.95	8.94	64	63
6A	Davidson	nil	1.71	8.44	62	62
	Strasbourg	.11	2.41	9.15	67	62
	Watrous	.28	2.07	8.10	67	62
6B	Harris	N.R.	3.98(2)	7.15	N.R.	62
	Outlook	nil	2.74	7.21	69	63
	Rosthern	.02	6.66	7.68	68	61
	Saskatoon	.48	6.01	7.57	66	62
	Elbow	.04	1.40	8.69	70	63

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending 8 a.m.	
		Week ending 8 a.m. August 21/67	Total since April 1	Normal since April 1	August 21/67	
					1967	Normal
			inches		degrees F.	
SASKATCHEWAN - Concluded						
6B	Tugaske	.45	2.83	8.79	67	62
	Dundurn	nil	4.45	7.44	67	63
7A	Alsask	N.R.	3.49(2)	6.74	N.R.	62
	Kindersley	.70	4.41	6.95	69	62
	Rosetown	trace	6.69	7.99	69	62
7B	Macklin	nil	6.57	7.91	68	61
	Denzil	.04	8.12	7.82	68	60
	Scott	nil	7.22	8.07	67	60
	Biggar	nil	5.95	7.78	67	62
8A	Hudson Bay	.01	4.96	9.80	62	60
	Prairie River	N.R.	5.65(2)	9.93	N.R.	59
8B	Humboldt	.11	3.60	7.92	67	61
	Melfort	.16	3.87	8.76	64	60
9A	North Battleford	.03	7.90	7.76	67	61
	Victoire	nil	6.15	8.43	65	58
	Prince Albert	nil	5.47	8.79	65	61
	Island Falls	N.R.	4.70(2)	9.34	N.R.	58
9B	Waseca	nil	8.18	8.87	66	59
SASKATCHEWAN AVERAGE		.22	4.61	8.56	66.3	61.9
ALBERTA						
1	Empress	.09	4.28	7.39	71	63
	Foremost	nil	9.52	7.53	73	64
	Manyberries	N.R.	6.87(2)	6.70	N.R.	64
	Medicine Hat	nil	6.58	7.27	73	65
2	Brooks	nil	5.29	7.57	70	62
	Drumheller	nil	3.86	7.75	72	60
	Gleichen	nil	6.71	8.70	74	60
	Hays	nil	8.01	6.76	73	64
	Rainier	nil	7.79	7.59	71	62
	Vauxhall	nil	9.16	6.98	70	62
	Raymond	nil	10.46	7.90	70	62
	Lethbridge	nil	10.71	8.94	70	62
	Trochu Equity	.01	3.55	9.58	70	60
	Vulcan	nil	10.87	9.36	70	62
3	Calgary	nil	6.41	10.70	67	58
	Cardston	nil	11.58	9.91	72	60
	Pincher Creek	nil	12.62	10.70	70	58
	Fort MacLeod	nil	11.28	9.95	73	63
	High River	nil	10.93	10.90	65	57
	Magrath	nil	11.33	9.90	73	63
	Olds	nil	7.59	11.29	67	58



1010505237

- IV -

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending 8 a.m. August 21/67	
		Week ending 8 a.m. August 21/67	Total since April 1	Normal since April 1	1967	Normal
			inches		degrees F.	
<u>ALBERTA - Concluded</u>						
4	Alliance	.21	7.17	8.46	69	59
	Coronation	.08	4.05	8.45	70	59
	Hughenden	N.R.	6.36(2)	8.48	N.R.	59
	Lloydminster	nil	7.28	8.71	67	61
	Stettler	.88	7.06	9.66	68	59
	Vegreville	nil	7.05	9.20	68	59
	Ranfurly	trace	7.44	9.80	68	59
	Vermilion	nil	7.98	9.14	66	58
5	Edmonton	trace	7.41	11.20	65	59
	Lacombe	.16	6.57	11.28	67	58
	Red Deer	nil	8.01	10.69	67	58
	Rocky Mountain House	nil	8.57	12.60	67	57
	Wetaskiwin	.20	6.43	10.91	68	58
6	Athabasca	N.R.	4.17(2)	10.04	N.R.	57
	Campsie	.14	3.06	11.52	65	57
	Edson	nil	7.04	12.49	67	55
	Elk Point	nil	7.69	9.45	65	57
	Lac la Biche	.01	9.30	9.64	66	58
	Whitecourt	nil	3.53	12.05	66	56
	Beaverlodge	nil	3.50	8.55	67	57
7	Fairview	trace	4.65	8.56	69	57
	Ft. Vermilion	.08	8.08	7.14	65	57
	Grande Prairie	.03	3.58	8.49	68	57
	High Prairie	N.R.	2.73(2)	9.72	N.R.	57
	Peace River	.09	3.32	7.06	67	56
	Rycroft	nil	3.40	8.79	68	57
	Wagner	.01	4.33	8.72	68	56
	ALBERTA AVERAGE		.05	7.16	9.25	68.8

N.R. - No report.

(1) Source: Meteorological Service of Canada.

(2) Incomplete; not included in average.