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no. 9

1968

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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. 12

TELEGRAPHIC CROP REPORT - CANADA

This is the fourth of the 1968 series of six telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the eighth 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.

SUMMARY

Maritime Provinces. - Haying is nearing completion in the Maritime Provinces. Yields are generally good and the crop is being stored in good condition. Some additional moisture would now be welcome to stimulate pasture and cereal growth. Grain crops are generally promising. Potatoes are progressing well but would now benefit from a good rain.

Quebec. - During the last week most of Quebec experienced very high temperatures. Soil moisture is about normal in the Ottawa Valley and in the Gaspé and Lower St. Lawrence regions. It is very low around Quebec, Mauricie and Lac St-Jean but above average in the other parts of the province. Because of frequent storms and high humidity progress with haying has been slow and in many areas the crop is of poor quality. Cereals look promising and good yields are in prospect. Pastures vary from poor to excellent. Although in general potatoes appear to be growing well to the north of Montreal some disease has appeared in the crop. Sugar beets are progressing favourably and in spite of slow initial growth corn for grain is now doing well. An excellent crop of strawberries has been harvested in the Montreal area while picking continues elsewhere. The condition of orchards is good. A hail storm which occurred on July 6 north of Montreal affected the tobacco crop. Dairy cows are in good condition and milk production is holding well.

Ontario. - Harvesting of winter wheat is well under way under excellent weather conditions. Hot weather which followed recent heavy rains promoted rapid growth of the corn crop, although development is still behind normal. Soybeans are in excellent condition but will still need continued hot weather and a few more showers. A large acreage of dry beans was reseeded but this crop is now showing improvement. The first cut of hay provided heavy yields but quality was generally poor due to wet weather. Second growth hay is excellent. Spring grains look very promising and record yields are anticipated. Pastures are generally above normal for this time of year.

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Agriculture Division
Crops Section

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Prairie Provinces. — Recent rains in all three Prairie Provinces have maintained or improved crop prospects. Dry conditions still persist in parts of southern Saskatchewan but cooler weather has prevented rapid crop deterioration. Crop prospects in most other areas are now favourable. Much of the crop is headed and some fall rye is being swathed. Rains have delayed the gathering of a generally below average hay crop.

RUST REPORT FOR THE PRAIRIE PROVINCES

The Canada Department of Agriculture Research Station in Winnipeg reports that leaf rust is still light on wheat while only a trace of stem rust has been found on susceptible varieties. It is unlikely that wheat will be damaged by rust this year. Traces of oat crown rust were found on the lower leaves of oats in the Red River Valley but no damage is expected to result from these infections since most of the crop is headed. No stem rust has been found on cultivated or wild oats.

British Columbia. — Crop conditions are generally fair to good in most parts of British Columbia. At the Coast, light rainfall at mid-month was beneficial after two weeks of warm and dry weather. Harvesting of the early potato crop is now about completed and a good harvest of carrots is in full swing. A good blueberry crop is now at its peak and a heavy yield of cranberries is in prospect. In the Okanagan the cherry crop was smaller than expected and a smaller than usual apricot crop is coming off in excellent condition. Early varieties of peaches are down in yield but the main crop is expected to be about average. The main crop of apples is showing up well with good sizing reported. Some light hail damage has been reported at several points. In the Peace River Block crop growth is still behind normal and hail has caused some losses in the Dawson Creek area. Late hay cuttings have been generally satisfactory and pasture conditions are about normal in most areas.

MARITIME PROVINCES

In Prince Edward Island, a prolonged period of dry weather has facilitated harvest of a good quality hay crop with 60 per cent now stored. However, a considerable quantity of baled hay remains in the fields. Cereal crops are progressing favourably and the aphid population is modest. The strawberry harvest is nearly completed and average yields are reported on the areas which escaped the early frost. The potato crop is growing well but more moisture is required by all crops for further growth. Fertilized pastures are still productive but yields are dropping off markedly on poorer soils. The harvest has just commenced with a promising crop.

Reports from the Cape Breton area of Nova Scotia indicate that a fair amount of hay has been made and that grain crops are in good condition. Although pastures are growing well, more moisture is required for further growth. Harvesting of hay in the Annapolis Valley has been nearly completed. Pastures are drying off quickly and rain is required for good growth of most root crops. Corn and grain crops are progressing favourably and the strawberry harvest is nearly completed. The apple crop appears to be in good condition with a large size of fruit expected. At Kemptville, most crop pests are under good control. However, aphids have been serious on many crops including apples where a rapid increase occurred in June. Pear psylla is under control and the codling moth is causing less damage on apples than last year. Harvesting of an excellent quality hay crop is 80 per cent completed and yields are good. Pastures, corn and

cereals are progressing well. Conditions in Cumberland County are about the same as in other parts of Nova Scotia. Pastures are drying off and moisture is needed to stimulate growth. However, some rainfall during the past week end has been beneficial. Grain and corn are in good condition. The blueberry crop will be below that of last year due to frost and insufficient moisture. In central Nova Scotia, haying operations are well advanced and corn and grain crops are progressing favourably. However, pastures are very dry and moisture is needed for continued plant growth. Harvesting of strawberries in the Masstown area is nearing completion with yields lower than last year. Reports from the Truro area indicate that warm weather conditions have prevailed for the last three weeks with very little rain. Hay crop conditions are excellent and harvesting is progressing favourably. However, after-growth hay and corn growth has been retarded due to a lack of rain. Vegetable crops are doing well and strawberries are past their peak production. The blueberry crop is below average and grain and potatoes are growing well despite a lack of moisture. The Amherst area reports that crop growth is slow due to very dry weather conditions. Haying operations are finished for the first cut and a good crop was obtained. Barley cutting for ensilage is about three weeks ahead of normal due to fine weather.

At Fredericton, New Brunswick weather conditions are ideal for field curing of grasses and legumes and the crop is approximately 70 per cent harvested. Regrowth on early-cut fields has been retarded due to hot, dry weather during the first part of July. Fodder corn progressed well during the last two weeks but stands are poor and yields are expected to be below average. Pastures require moisture and grazing is exceeding regrowth. Early-seeded grain was headed by July 10 and a good crop is expected. A good strawberry crop has been harvested and increased volumes were exported to the U.S.A. Apples are sizing well. Most of the commercial vegetable acreage is suffering from insufficient moisture. Early potato harvesting began July 15 and is now general. Rain is required for the main crop of potatoes. Grain is starting to ripen.

QUEBEC

In the L'Assomption area rainfall throughout June was frequent but no heavier than normal while hours of sunshine were below average. The production of strawberries, cereal crops and hay is good and with the warm weather experienced during July the tobacco crop is doing well.

Normal temperatures and rainfall is reported for July in the St. John region. Total precipitation was 1.17 inches while the temperature averaged 67.5° F. Vegetables, pastures and grain crops are in excellent condition, but the hay crop, while good in some districts shows poor quality in other areas due to frequent rains.

Very hot weather has been experienced around Lennoxville where haying is about 75 per cent completed. Corn is growing well and pastures are in good condition. Barley is beginning to ripen but, like oats, is suffering some insect damage. Around la Pocatière the high temperatures and average rainfall has helped the growth of cereals, meadows and pastures. Haying is about 50 per cent completed and the crop is of good quality. Most grains are heading and good yields are in prospect. Potatoes, turnips and corn look promising.

In the Normandin area favourable July temperatures together with 2.25 inches of rain benefited all crops and especially pastures and meadows. Growth of grass had previously suffered from dry weather resulting in a smaller hay crop and a decline

in milk production. Garden crops, potatoes and grain are promising. No diseases have been noted in cereals.

With below average precipitation and temperatures in the Caplan district growth of grass is about 25 per cent below that of last year. About 50 per cent of the hay has been harvested. Grain crops are generally satisfactory and peas are now being harvested. Several days of hot, humid weather have encouraged the hatching of potato beetles which are now damaging the crop.

ONTARIO

In Essex County of Southern Ontario the wheat harvest is about 50 per cent completed; with average yields and good quality reported. Spring grains are nearing maturity and second crop hay is being harvested. The corn crop is tasseling and harvesting of sweet corn and green beans is now under way. Harvesting of peas is completed and digging of early potatoes is under way with average yields reported. Processing tomatoes are making slow and uneven growth. Harvesting of peaches has commenced and picking of early apples is starting. On Pelee Island winter wheat is ready for harvest and indications are that yields will be about average. Corn and soybeans are making excellent growth, due to good moisture supplies. Harvesting of winter wheat is under way in Kent County and both yields and quality are good. Corn and soybeans have made excellent growth during the past two weeks although some damage occurred due to flooding. White beans also suffered water damage in some areas. Detasselling of hybrid seed corn is under way. Burley and flue tobacco appear average except where some damage occurred due to excessive rain. Harvesting of second-crop hay is well under way. Picking of cucumber has commenced. Some diseases are showing up in white beans and soybeans and the population of leafhoppers is increasing. Corn leaf aphids are beginning to appear.

Combining of wheat and barley has commenced in Middlesex County and yield prospects appear excellent. Recent warm weather has promoted rapid growth of corn and the crop is now greatly improved. Bean fields vary from poor to excellent. In Norfolk County, hot, humid weather and periodic rains have improved growth of all crops. Yield prospects for wheat and spring grains appear excellent. Corn and vegetable crops are improving rapidly. The tobacco crop is variable and many fields are being irrigated. Harvesting of cherries is now under way.

In Simcoe County harvesting of first-crop hay will be completed by about July 27. Spring grains are in excellent condition. Winter wheat is beginning to turn and harvesting will commence early in August. Corn is growing very well due to recent warm weather and potatoes are in above average condition. Although crops have recently made excellent growth more rain will be needed soon. In Bruce County harvesting of first-crop hay is completed and yields were average. Corn is about average for this time of year and feed grains look exceptionally good. Harvesting will commence early in August. Turnips are also making good growth.

In Waterloo County growth of cereal grains has been excellent and yield prospects look very good. Only a minor amount of lodging has occurred. Haying operations are almost completed and the second crop is making good growth. Corn has made excellent progress in the past two weeks and yields should be average or better.

In Peterborough County all crops look extremely good. Recent hot weather has helped the corn crop and harvesting of wheat has now commenced. Haying operations are about 90 per cent completed. Although moisture supplies have been adequate a good rain would now be helpful. Haying operations are nearing completion in Carleton County and although yields are good quality has been reduced due to wet weather. The corn crop is variable with well-drained fields looking exceptionally good and poorly-drained fields considerably retarded. In Renfrew County haying operations have been completed on most farms. Corn is making excellent growth and the crop appears to be in above average development for this time of year. Oats and barley are well headed and yield prospects for these crops are above average.

A report from Kapuskasing in Northern Ontario indicates that heavy rains have promoted excellent growth of crops but have caused serious difficulties with haying operations. Some farmers in the district are just now commencing to mow. In the Thunder Bay District progress of haying operations continues to be slow due to excessive rain. Many crops such as potatoes, hay and spring grains are flooded in some areas and yields will be reduced. Spring grains are beginning to head.

MANITOBA

Heavy rains during the past two weeks have improved crop conditions in the western areas of Manitoba. Parts of the Red River Valley have been partially flooded, but crop damage is light. Rains have delayed haying and hay quality has deteriorated. Most cereal crops are headed and the odd rye field and early spring cereal crop is beginning to ripen. Mustard, rapeseed and peas are forming pods; buckwheat is in bloom, and sugar beets, sunflowers and potatoes are progressing well. Growth of corn has been slow.

At Vita in southeastern Manitoba the early-sown crop appears to have withstood the 4 to 6 inches of rainfall on July 13 reasonably well. Late crops are extremely patchy and water puddles are still in evidence in the fields. There was little haying activity last week. Early barley is starting to change colour and swath may be expected within ten days. At Altona drier weather is now required. Rye and barley are maturing rapidly and some fields of both crops will be ready to swath next week. Some meadow fescue has been swathed. Sugar beet growth is covering the ground. Haying has been completed and sunflowers are in bud and growing rapidly. Most of the rapeseed and flax is in bloom. Chlorosis is widespread in late flax, and there has been excess moisture damage in some fields. Moisture conditions continue to be excellent in the Morden area. Crops are progressing very rapidly under ideal growing conditions and 75 per cent of all cereal crops is in head. Flax is in the bloom stage and potato crops look excellent. Pea harvesting was under way last week and haying is approximately 60 per cent completed. No hail damage has been reported to date.

A report from Pilot Mound states that a tornado caused extensive building damage in La Rivière and Miami districts. Some crop damage also occurred. Continued scattered showers have produced excellent crop and pasture conditions but haying operations have been delayed and the quality of hay is deteriorating. Swathing of early-sown crops could begin about August 3. There has been an above average amount of disease in garden vegetables. Our Melita correspondent reports precipitation varying from one-half to four inches over the area, but the Pierson, Broomhill and Tilson districts are still in need of rain. Over one-half of the general area, however, has fair to good moisture supplies. Hay is still short but recent rains may help the situation.

In the Winnipeg area at Stonewall early crops are starting to ripen and late-sown crops are progressing well. Frequent rains have resulted in excellent growing conditions but haying operations have been delayed.

The Experimental Farm at Brandon reports that prospects for grain crops are much improved following a rainfall of 1.44 inches on the night of July 22 which was preceded by nearly an inch of rain around the middle of the month. Cereals are well headed and the absence of high temperatures to date has tended to slow down the maturity process and thus enhance filling potential. Good soil moisture will now benefit pastures and improve the second cut stands of hay. Farther west at Virden scattered rains of one to two inches fell again this week, resulting in good soil moisture conditions. Cereals are all headed and progressing nicely. Fall rye is turning colour and stands are good. Haying is in full swing, although hampered by wet weather. The first cut was poor to fair but recent rains should improve the second cut.

In the Interlake district at Arborg 1.82 inches of rain fell on July 20. A small area north of Arnes had considerable hail damage. Crops are fair to excellent but late crops need warmer weather and sunshine. Seventy-five per cent of the haying has been completed, with yields below expectations. Good results were obtained from carbyne spraying this year.

In west-central Manitoba at Neepawa rains on July 17 and 20 varied from trace amounts to over two inches in various parts of the district. In the area around Neepawa two inches of rain were received in 30 minutes on July 20 and hail hit an area eight miles long and one-half mile wide in the immediate vicinity of the town. Damage to cereals was from 40 to 100 per cent. Pastures and most cereal crops are progressing well and in general hay crops have been cut. Much of the hay is deteriorating in quality, however, due to frequent rain showers. Farther west at Shoal Lake three inches of rain were received on July 12 and additional rains occurred all last week. This moisture has improved crop conditions and pastures have also revived to some extent. Crops are in head and rape and mustard are in flower. Hay supplies will be short but should be adequate if all supplies are garnered.

In northern Manitoba at Swan River heavy rains also occurred during the past week and caused some lodging of crops. Crop conditions are generally good to excellent and moisture is now adequate to bring crops to maturity. Pastures are in good shape and fall rye is now turning colour with favourable yield prospects.

The Canadian Hail Underwriters Association reports the following storms in Manitoba: July 13: Ethelbert, July 16: Minto and Gretna, July 18: Plum Coulee, July 19: Fork River, and July 20: Harte.

The unweighted average precipitation for the province since April 1 has been 19 per cent above normal as compared with 12 per cent above normal a week ago, 11 per cent above normal two weeks ago, and in contrast to 12 per cent below normal for the same time a year ago. Mean temperature for the week ending July 22 was 2.6 degrees below normal as compared with 2.6 degrees below normal a week ago and two weeks ago, in contrast to 3.6 degrees above normal for the week ending July 24, 1967.

SASKATCHEWAN

Rains during the past week have maintained favourable crop prospects in the central and northern districts of Saskatchewan. In southern districts, rainfall was scattered and lighter, but cooler temperatures provided some relief from the dry conditions. In the drier areas grains seeded on summerfallow are holding fairly well but stubble crops have deteriorated. Swathing of fall rye has commenced but there has been a temporary delay in haying operations.

At Willmar in the southeast part of Saskatchewan crops sown on summerfallow are holding up well but stubble crops are short and thin and some fields have been worked down. Most of the haying has been done with fair to poor yields reported. Pastures are thin. Fall rye has started to ripen and all other crops are headed. Some 5.1 inches of rain have been received in this district since April 1. The Experimental Farm in Indian Head reports that during the last few weeks rainfall of .39 inches on June 12, .20 inches on July 20 and .20 inches on July 22 along with several lighter showers and cool nights have improved crop prospects especially on summerfallow fields. Crops are fully headed and wheat on summerfallow is 25 to 30 inches high. Many of these fields could yield 25 bushels per acre with one more good rain. Stubble crops are very short and thin with short heads and some fields have been worked down. The oat and barley crop is very short and thin and will produce only light yields. Flax crops are in full bloom. Haying operations are well advanced but yields have been light and most roadsides and highway ditches are being cut. No grasshoppers nor rust have appeared in the area. Livestock are in good condition.

At Gravelbourg in the south-central part of the province the weather during the past week has been somewhat cooler and this has prevented crop deterioration. Wheat fields are all headed but the straw is short and rain is needed for proper filling. Haying operations are in progress but yields are light. Pastures are dry and livestock are only in fair condition. In the southwest part of the province at Eastend crop conditions are fair considering the dry weather and our correspondents projects wheat yields at between 10 and 12 bushels per acre. Pastures are poor and livestock are fair to good. No significant precipitation was received in this district recently. Fodder supplies are about sufficient to meet requirements for winter feeding. At Val Marie crops are filling well despite the lack of moisture but rain is definitely needed to improve pasture conditions. The first cut of hay has been taken off and irrigation water is being applied to improve the second-cut prospects.

The Experimental Farm at Swift Current reports that the continued hot and dry weather is causing crops to deteriorate with many stubble fields a total loss. Crops on summerfallows are well below average. The fall rye harvest has started with fair to good yields reported and the small acreage of winter wheat is also producing well. Dry land pastures are poor and haying is almost completed but yields have been below average. There will be some local shortages of fodder but generally supplies are sufficient for a normal winter period. Farther north and west at Leader crop development has been good and average or better than average yields can be expected. Kernels are filling and the recent rains should ensure good bushel weights.

At Melville in the east-central part of the province wheat and coarse grain crops are headed and our correspondent rates crop conditions as fair. Hay crops are also fair but pasture lands are good. Moisture conditions are also good in this district at this time. Rainfall to date has totalled 4.24 inches compared with only 1.03 inches a year ago and the longterm average of 6.64 inches. At Togo crop conditions are excellent and a heavy yield is in prospect. The recent heavy

rains have saturated the land and halted work on summerfallows and stopped haying operations. Pastures are good but much of the hay will be weathered because of recent rains. All crops are good in the Sturgis district but two heavy rains in the past two weeks have left water in potholes and on hay meadows. Wheat is headed and filling very well. Fall rye is ripening. Haying operations are well under way with good stands of both wild and tame hay. Pastures are good.

At Craik in the central part of the province timely rains of 1.19 inches over the week end greatly improved moisture conditions and prospects now are for at least an average crop. Pasture conditions will also improve because of the rain. Some fall rye will be swathed this week.

The Rosetown district in the west-central part of the province received three-quarters of an inch of rain during the past week and crops are looking very good. Early wheat is 12 to 15 inches high and headed while the flax crop is in flower. This crop should yield better than average. The summerfallows are black and most farmers are finished haying. The Experimental Farm at Scott reports that 2.3 inches of rain since the last report have improved crop conditions substantially. Summerfallow crops held up well during the dry weather and will now fill but stubble crops remain short and thin as tillers did not develop. Pastures are short but should show rapid improvement. Haying operations are well advanced but in some areas the crop is not worth cutting. Fall rye is maturing and some fields have been swathed.

The Experimental Farm at Melfort in the northeast part of the province indicates that the 1.4 inches of rain received over the week end will ensure proper filling of most crops in this region. Stands of cereal crops are good and present indications are for average or better yields. There has been no evidence of rust and only traces of leaf disease have occurred to date. Stands of flax and rapeseed are good. There are a few reports of diamond-back moths in rape fields but spraying is not necessary yet.

The Saskatchewan Municipal Hail Insurance Association reports hail storms at the following places: July 9, Rosetown, Marriott, Tessier, Plenty, Dodsland, Kerrobert, Major, Cactus Lake; July 10, Redvers, Carlyle; July 11, Ceylon, Lake Alma; July 12, Lake Alma, Radville, Benson, Stoughton, Alida, Redvers, Kisbey, Arcola, Lampman, Moosomin, Wapella, Rocanville, Tantallon, Indian Head, Qu'Appelle, Balgonie, Jameson, Richardson, Churchbridge, Saltcoats, Grayson, Melville, Yorkton, Lumsden, Marquis, Dilke, Preeceville, Canora; July 15, Bengough, Big Beaver, Coronach, Weyburn, Marshall, Carrot River; July 19, Cedoux, Redcliffe, Torquay.

The Canadian Hail Underwriters' Association reports the following storms: July 12, Meadowlake, Bethune, Sturgis, Yorkton, Melville, Churchbridge, Moosomin, Kisbey; July 15, St. Walburg, Big River and Buffalo Cap areas; July 16, Senlac areas; July 18, Blaine Lake area; July 20, Wadena area.

The unweighted average precipitation for the province since April 1 has been 26 per cent below normal compared with 37 per cent below normal a week ago, 38 per cent below normal two weeks ago and 51 per cent below normal a year ago. Mean temperature for the week ending July 22 was 4.9 degrees below normal as compared with 2.1 degrees above normal a week ago, 1.2 degrees above normal two weeks ago and 3.0 degrees above normal for the week ending July 24, 1967.

ALBERTA

Recent rainfall over much of Alberta has improved crop prospects particularly in the north-central area of the province. In the south all cereal crops are in head and warm weather will be needed from now on to bring a better than average crop to maturity. In the central portion of the province the recent moisture has helped to prevent serious deterioration of spring-sown crops. Wheat and other crops are filling well although heads are small. The hay crop is below average.

In the southeast of the province at Manyberries .47 inch of rain has assured a 20 bushel wheat crop if weather conditions for the remainder of the season are favourable. Wheat stands are 34 inches in height. Harvesting of rye is expected by the end of the month given warmer weather. Crops are generally filling well with the heads ranging from medium to large. Crops seeded on stubble suffered some drought damage but there has been no damage reported from insects. Livestock are doing well. To the west at Lethbridge all crops continue to make excellent progress. Swathing of winter wheat and barley has commenced. Spring wheat is some 60 per cent in head and the flax, mustard and rapeseed crops are in full bloom. The quality and yield of canning peas are above average. However, the crop has been slow to mature as a result of the cooler weather. Harvesting of green beans is expected to start on August 5. The hay crop appears to be below average. At Cardston fall wheat is turning and the heads are filling well under favourable moisture conditions. Barley is 75 per cent headed and prospects are good. The hay crop is 10 per cent harvested and pasture conditions are good. The condition of spring wheat is reported to be very good. All crops have never looked better at Claresholm due to the 2 inches of rain over the entire district but warmer weather will now be needed to bring crops to maturity. Swathing of winter wheat has been delayed due to the cool, dry, late spring. The hay crop is about one half of normal, however, pastures are reported to be in good condition at present. In the south-central part around Vulcan one and three-quarter inches of rain were received over the past four days and this will give the area an above average yield for most crops. Drought is no longer a threat to this year's crop. All spring-sown grains are in head and pastures are in good condition.

In the central part at Excel all grains are in head and range in height from 18 to 36 inches. Recent hot weather has advanced crops and some fall rye has been swathed. Recent rain of 1.6 inches will fill the heads and improve pastures. To the west around Calgary three inches of rainfall this past week provided ample serve moisture to fill all crops. All cereals are in head and hot weather is now required to promote development of grain. An above average crop is now in prospect. In the vicinity of Olds heavy rain received over the week end has brought moisture conditions to a satisfactory level. General crop conditions are good to fair at the Eastern edge of the district.

In the northeastern part of the province at Sedgewick wheat is now fully headed but average in height. One and one-half to two and one-quarter inches of rain was received in the district over the week end with a seasonal average from 7 to 10 inches. The rape seed and mustard crops are reported to be above average. At Stettler crop conditions have improved with two and one-half inches of rain received recently. Heads of wheat range from small to medium in size and crop stands are very thin with below normal yields in prospect. The hay crop is light and seed and cover crops will be used for supplementary feeding.

In the west-central region the Research Station at Lacombe reports that the general rain of 2.81 inches over the week end brought relief to poorer than average crops. With further good weather a fair crop could be harvested. Harvesting of hay is about 75 per cent completed. At Eckville four inches of rain received from July 20 through to 22 greatly improved moisture conditions and benefited crops which were previously deteriorating. Wheat and oats are now fully headed and barley is about 60 per cent in head. Summerfallows are in fair condition. The harvesting of hay is about 60 per cent completed with yields ranging from 1/2 to 1 ton per acre.

In the north-central region around Colinton rainfall since the first of May at 9.7 inches has resulted in excellent crop conditions. Wheat is about 30 inches in height and the heads are about two and one-half to three inches in length and filling well. The rapeseed crop looks very promising. Haying is just getting under-way in the district but is being hampered by afternoon showers. Hay will be in short supply because of very low yields.

In the Peace River District at Beaverlodge cereals and oilseed crops are in excellent condition. Delayed chemical control caused by the poor weather early in the season has given rise to some weed problems. Showery weather has delayed the harvesting of an average crop of hay. Scattered hail storms have been reported with the worst damage in the vicinity of Dawson Creek.

The Alberta Hail Insurance Board reports the following storms; July 9, major storm travelling northwest to southeast passed twelve miles south of Grand Prairie leaving a swath of severe damage 3 miles wide and losses of 20 to 100 per cent reported from Blue Ridge, Mayerthorpe, Pibroch, Rochester, Tawatinaw, Clyde and Vimy with the storm dying out east of Thorhild; July 11, storm originating at Lineria travelled southeast through Westlock, Thorhild, Radway, Warspite to Smoky Lake - stones from marble to golf ball in size caused severe damage in a strip 3 to 5 miles wide; July 15, general storm front moving northeast to southwest with pockets of hail damage reported from Redwater, Gibbons, Minburn, Galahad, Amisk, Provost, Vermilion and Paradise Valley; July 17, storm beginning at Lamont moved southeast to Innisfree and Vermilion, with small pockets of severe damage; July 19, late evening storm beginning at Echam and moving southeast to 10 miles south of Medicine Hat, with moderate losses; July 21, storm originating near Milk River travelled northeast and south to Foremost to Medicine Hat, damage also reported from Vauxhall and Tilley.

The Canadian Hail Underwriters Association also reported the following storms in Alberta: July 11, Smoky Lake; July 15, Vermilion; July 16, Girouxville area.

The unweighted average precipitation for the province since April 1 has been 2 per cent below normal compared with 14 per cent below normal a week ago, 9 per cent below normal two weeks ago, and 19 per cent below normal a year ago. Mean temperature for the week ending July 22, 1968 has been 6.3 degrees below normal in contrast to 1.0 degree above normal a week ago, 3.0 degrees above normal two weeks ago, and 0.8 degree below normal for the week ending July 24, 1967.

BRITISH COLUMBIA

Reports from Victoria indicate that the strawberry harvest has been completed and harvesting of loganberries is now at its peak. The quality and volume of both crops are better than expected. Tree fruit crops are light and the harvesting of early apples has started. Potatoes, onions, carrots and beets are in good supply, although field corn, tomatoes and cucumbers are slower in growth than usual, due to cool weather.

In the Kamloops district, unseasonable cold and damp weather has been good for pasture and hay, but poor for corn growth. Early potatoes are being harvested and tomatoes look good. Reports from Summerland in the south Okanagan indicate that all fruit crops are earlier than usual this year, with the indication of good quality crops. A high quality cherry harvest has just been completed.

At Vernon in the north Okanagan, above normal precipitation and excellent growing weather conditions have prevailed. The first hay crop has been completely harvested and harvesting of the second crop is now under way. Above average hay, cereals and pea crops are reported. Pastures and hay are in good condition. Range conditions are also good with not too much hot weather.

Reports from Prince George in the Central Interior indicate that the first cutting of hay has been completed in the Quesnel area. Crop growth has been generally slower in Prince George and Vanderhoof District. Grass legumes and cereal crops are being harvested for silage. An average grain crop is expected. Potatoes and vegetable crops are growing slowly due to cool weather. Reports from Smithers in the Skeena River Valley indicate fair quality grain crop. No frost damage has been reported. Warmer weather is needed now for the growth of most crops.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending 8 a.m. July 22	
		Week ending 8 a.m. July 22, 1968	Total since April 1	Normal since April 1	1968	Normal
			inches		degrees F.	
MANITOBA						
1	Boissevain	.46	6.54	8.45	67	68
	Pierson	.57	4.56	7.98	67	69
	Waskada	N.R.	7.28(2)	8.44	N.R.	68
2	Baldur	.70	8.95	8.58	64	69
	Pilot Mound	.71	11.44	8.33	62	68
3	Altona	1.85	10.29	7.71	69	70
	Deerwood	1.80	14.44	8.28	67	71
	Graysville	1.32	12.99	7.73	67	69
	Morden	.95	11.12	8.35	69	71
	Morris	1.65	13.93	7.80	67	71
	Portage la Prairie	1.47	11.27	9.58	67	71
	Roland	1.37	11.08	8.07	66	70
	Stonewall	.71	9.19	8.60	67	69
5	Emerson	1.16	13.97	8.01	66	70
	Steinbach	.95	11.31	8.18	67	69
6	Winnipeg	1.73	12.43	8.18	66	69
	Starbuck	1.38	10.77	8.18	67	69
	Seven Sisters Falls	1.00	13.73	8.14	66	69
7	Great Falls	N.R.	7.15(2)	6.31	N.R.	69
	Sprague	.83	14.31	8.56	67	67
	Rivers	1.66	6.64	8.63	67	68
8	Virden	.63	5.89	8.06	68	69
	Brandon	.52	6.61	8.65	67	69
	Cypress River	.70	9.46	8.34	67	69
9	Gladstone	1.70	8.03	8.56	N.R.	68
	Birtle	.82	5.56	8.47	64	67
	Rosburn	1.08	7.74	7.85	65	66
11	Russell	.86	4.33	6.91	65	67
	Dauphin	.33	5.06	8.49	66	69
	Arborg	1.67	10.75	8.17	65	67
12	Gimli	.80	10.42	8.31	67	69
	Steep Rock	.37	9.60	7.60	62	67
	Swan River	1.55	8.55	7.84	63	66
13	The Pas	1.28	7.60	6.78	63	66
	Grass River	N.R.	6.72(2)	8.57	N.R.	68
	MANITOBA AVERAGE		1.08	9.64	8.13	66.0

For footnotes, see page IV.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending	
		Week ending	Total	Normal	8 a.m.	
		8 a.m. July 22, 1968	since April 1	since April 1	July 22	
			inches		1968	Normal
SASKATCHEWAN						
1A	Carlyle	.62	4.22	7.44	66	67
	Estevan	1.62	5.31	7.68	69	69
	Oxbow	.83	5.03	7.02	68	67
	Willmar	1.21	4.32(2)	8.09	N.R.	N.R.
1B	Broadview	.78	4.33	8.22	66	66
	Moosomin	.88	5.55	8.38	66	68
2A	Yellow Grass	N.R.	3.80(2)	7.41	N.R.	68
	Weyburn	1.40	5.15	7.27	66	67
	Midale	N.R.	3.46(2)	7.13	N.R.	68
2B	Moose Jaw	.15	2.68	6.95	67	69
	Regina	.08	2.48	7.24	67	67
	Francis	.57	3.34	6.83	62	67
	Indian Head	.34	3.08	7.01	66	67
3AS	Ormiston	.52	2.62	7.60	67	68
	Cardross	.04	3.51	7.50	64	68
	Ceylon	.98	3.37	7.54	65	67
3AN	Gravelbourg	.07	2.02	6.26	66	68
3BS	Shaunavon	N.R.	3.23(2)	6.54	N.R.	67
	Pambrun	N.R.	2.35(2)	7.08	N.R.	68
	Climax	N.R.	3.79(2)	5.95	N.R.	N.R.
	Aneroid	.12	2.93	6.21	64	68
	Instow	N.R.	3.06(2)	6.69	N.R.	67
3BN	Swift Current	.30	2.84	7.18	63	68
	Pennant	.28	2.65	6.67	64	69
	Hughton	.45	5.28	5.96	64	68
4A	Maple Creek	N.R.	3.96(2)	6.11	N.R.	68
	Consul	N.R.	4.02(2)	5.15	N.R.	67
4B	Abbey	N.R.	4.81(2)	6.21	N.R.	68
	Leader	.87	5.67	5.78	61	69
5A	Balcarres	.20	3.95(2)	7.51	N.R.	N.R.
	Lipton	.36	5.96	7.36	65	67
	Melville	.36	4.76	7.50	66	66
	Yorkton	1.50	7.88	7.28	65	66
	Bangor	1.01	5.33	7.91	65	66
	Wynyard	1.77	4.26	6.98	64	67
5B	Foam Lake	.48	3.90	7.06	64	66
	Kuroki	1.44	5.21	7.40	59	66
	Lintlaw	N.R.	.98(2)	7.61	N.R.	64
	Kamsack	1.41	5.82	6.80	64	66
	Davidson	.67	4.10	6.98	65	67
6A	Strasbourg	N.R.	2.90(2)	7.55	N.R.	66
	Watrous	1.50	5.28	6.50	65	67
6B	Harris	N.R.	6.51(2)	5.92	N.R.	68
	Outlook	N.R.	3.03(2)	5.84	N.R.	69

For footnotes, see page IV.

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. July 22, 1968	since April 1	since April 1	8 a.m. July 22	
					1968	Normal
			inches			degrees F.
<u>SASKATCHEWAN</u> - Concluded						
6B	Rosthern	3.14	7.39	6.15	63	67
	Saskatoon	1.76	7.34	5.70	63	68
	Elbow	.70	2.46	6.88	64	67
	Tugaske	.47	3.18	7.24	64	67
	Dundurn	1.29	7.51	5.94	64	68
7A	Alsask	.88	4.16	5.34	62	68
	Kindersley	.93	3.71	5.14	62	67
	Rosetown	.63	5.12	6.22	62	67
7B	Macklin	1.81	6.53	5.86	59	67
	Denzil	2.92	7.27	5.96	60	66
	Scott	1.99	4.95	6.15	60	65
	Biggar	1.01	6.10	6.06	62	67
8A	Hudson Bay	1.36	8.96	7.40	61	65
	Prairie River	1.45	9.14	7.78	59	65
8B	Humboldt	N.R.	3.88(2)	6.27	N.R.	66
	Melfort	1.47	6.47	6.82	59	66
9A	North Battleford	1.98	5.54	5.93	62	67
	Victoire	N.R.	6.22(2)	6.51	N.R.	63
	Prince Albert	1.81	8.38	6.50	59	66
9B	Waseca	1.87	7.17	6.69	59	64
SASKATCHEWAN AVERAGE		1.03	5.02	6.78	62.1	67.0
<u>ALBERTA</u>						
1	Empress	.48	6.58	5.77	65	69
	Foremost	.37	6.37	6.24	61	69
	Manyberries	.30	4.57	5.91	63	69
	Medicine Hat	.45	7.75	5.86	64	71
2	Brooks	.70	6.09	5.72	59	69
	Drumheller	1.20	6.28	5.92	N.R.	66
	Gleichen	1.30	8.93	7.13	59	66
	Hays	N.R.	5.05(2)	5.61	N.R.	69
	Rainier	.84	6.42	6.00	60	68
	Vauxhall	.62	7.80	5.66	59	67
	Raymond	.49	6.76	6.82	59	68
	Lethbridge	.24	6.79	7.39	60	67
	Trochu Equity	3.51	7.29	6.90	61	65
	Queenstown	1.59	10.18	7.44	60	66

For footnotes, see page IV.



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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. July 22, 1968	since April 1	since April 1	8 a.m. July 22 1968	Normal
			inches			degrees F.
<u>ALBERTA - Concluded</u>						
3	Calgary	2.07	6.85	8.40	57	64
	Cardston	.32	7.42	8.53	58	66
	Pincher Creek	.31	8.50	9.12	57	65
	Fort MacLeod	.64	7.12	8.42	60	69
	High River	1.53	11.84	9.19	55	63
	Magrath	.35	5.85	8.60	56	66
	Olds	4.00	10.50	8.78	57	63
4	Alliance	1.91	6.45	6.35	59	65
	Coronation	2.13	6.12	6.02	60	65
	Hughenden	2.56	6.45	6.39	59	65
	Lloydminster	1.16	6.12	6.23	61	66
	Stettler	2.22	6.07	7.23	59	65
	Vegreville	.36	2.92	6.70	58	65
	Ranfurly	.99	4.74	7.10	58	64
	Vermilion	2.43	9.08	6.23	58	63
5	Edmonton	1.40	4.56	8.37	57	64
	Lacombe	2.53	7.23	8.90	57	64
	Red Deer	3.29	7.49	8.19	57	63
	Rocky Mountain House	4.82	11.90	9.80	56	61
	Wetaskiwin	1.76	5.47	8.36	59	63
6	Athabasca	.80	7.59	7.44	55	61
	Campsie	.84	7.37	8.44	56	62
	Edson	1.90	8.55	9.23	55	59
	Elk Point	.06	5.71	7.13	57	63
	Lac la Biche	.56	4.90	6.94	57	64
	Whitecourt	.58	7.01	8.55	55	61
	Beaverlodge	.34	6.74	6.34	56	61
7	Fairview	.81	6.58	6.46	58	61
	Ft. Vermilion	.60	3.92	5.20	58	63
	Grande Prairie	.78	9.09	6.39	58	61
	High Prairie	N.R.	6.70(2)	7.19	N.R.	62
	Peace River	.55	5.47	5.24	57	62
	Rycroft	.46	7.66	6.55	57	62
	Wagner	.59	8.28	6.34	56	62
ALBERTA AVERAGE		1.26	7.03	7.14	58.3	64.6

(1) Source: Meteorological Service of Canada.

(2) Incomplete; not included in average.

N.R. - No report.