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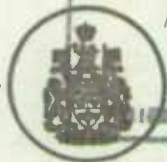
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Price: \$4.00 for series of 23 crop reports

CROP REPORTING SERIES—No. 20

TELEGRAPHIC CROP REPORT - CANADA

This is the eighth of the 1960 series of nine telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the twelfth of a series of thirteen telegraphic reports on crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from the Federal and Provincial Departments of Agriculture, private crop observers and grain men supply the information on which these reports are based. The weather data included in this release are furnished by the Meteorological Division, Department of Transport.

S U M M A R Y

Maritime Provinces As a result of very dry weather in recent weeks most crops are suffering from drought throughout the Maritime Provinces. Pastures are drying up and aftermath growth is at a standstill. In some areas of Nova Scotia, farmers are feeding hay and grain to dairy cattle to maintain milk production. Potatoes, other root crops, fruits and vegetables are all showing the adverse effects of the lack of moisture, with reduced yields reported or in prospect. In many sections grain harvesting has been completed, with below average yields reported in Nova Scotia and New Brunswick. On Prince Island, however, farmers obtained good yields, attributable to the fact that the majority of the grain crop was sown early, escaping the more severe effects of the drought.

Quebec The lack of rain during the past few weeks has favoured the harvest which is well advanced. In general, yields are good and the quality of grain excellent. In contrast, the prolonged drought has greatly affected the condition of pastures and the growth of meadows which are very poor in most of the province. In many areas animals are being fed at the expense of winter feed reserves. Water is becoming scarce and milk production is at a low point. In the central regions of the province a satisfactory crop of fodder corn is being ensiled. The yields of potatoes will be less than anticipated. Mildew is affecting certain fields in the Lake St. John and Three Rivers regions. Sugar beets are in good condition. The tomato, corn and other vegetable crops are quite good. In the Joliette and Three Rivers districts the harvest of flue-cured tobacco is well advanced and yields are good. Harvesting of other types of tobacco is about finished. Picking of blueberries is drawing to a close, with less than normal production.

Ontario In western Ontario harvesting operations are making good progress and in some cases are nearing completion. Yields are slightly better than expected. Silage corn is variable, but generally below average. Potatoes and tobacco promise a good crop. Some pastures are good while others are very poor. In southern areas of the province, the weather has been very dry. Oats are yielding from poor to good and the

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

corn crop is still backward. Tomatoes, corn and soybeans are suffering from the dry weather. Tobacco picking is proceeding and picking of peaches is underway. Tomatoes and sweet corn are being harvested. In central Ontario, the grain harvest is about 5 per cent completed. Both pastures and hay aftermath are reported to be in generally good condition. Corn is maturing. In eastern Ontario harvesting is well advanced with good yields from early-sown fields and only fair yields from late-seeded crops. Pastures are fair, but need rain. Silage corn is well below last year's crop and some cutting has commenced. In the northern part of the province grains are being harvested under good weather conditions. Pastures and aftermaths are making slow growth.

Prairie Provinces Excellent progress has been made with harvesting in Saskatchewan and Manitoba despite delays caused by scattered showers. In Alberta, progress has also been good in southern districts, but wet, cool weather in central and northern areas has hampered operations, particularly in the northeast. Fodder supplies are expected to be adequate in practically all areas of the Prairies and pastures are generally in good condition.

British Columbia Extremely warm weather in early August in British Columbia has been followed by cool, unsettled conditions in all sections during the latter half of the month, with temperatures ranging ten to fifteen degrees below the seasonal average. This has retarded maturity of most crops, but accompanying rainfall revived pasture and interior rangeland growth. Cereal grains are making fair progress, but warm and dry weather is now needed to allow harvesting before early frosts occur. In the interior, tree fruit harvests are on schedule, with quality and yields about average or better. Late peaches are now coming off and first picking of McIntosh apples is expected to start this week with sizing and colouring reported good, while Anjou pears are also showing up well. At the coast, lifting of the second early potatoes is now virtually completed and late crop prospects appear favourable. Hay is in plentiful supply and of good quality.

MARITIME PROVINCES

Weather conditions have been extremely dry and sunny for the past two months in Prince Edward Island. Rainfall for August stood at 0.91 inches, the lowest on record. As a result the soil is now very dry and crops are showing the effects. Pastures are drying up and there is very little aftermath growth in meadows. Potatoes are dying down from the dry weather and other root crops are also suffering from a lack of moisture. Below average yields of potatoes are anticipated, and apple sizing is being retarded. Cucumber crop prospects are also being reduced. Grain yields on the other hand were good, which is attributed to the fact that most of the crop was seeded early and harvested before the full effects of the drought were felt. Forest fires are raging in the western part of the province and some grain fields have been destroyed. Flea beetle injury is reported on potatoes.

The drought continues in Nova Scotia and everything now is very dry. Pastures are in very poor condition. Farmers have almost finished harvesting the grain and picking of early varieties of apples is underway. Potato digging is general and the peak of the blueberry harvest is well past. Reports from the Amherst district indicate above average grain yields, although the drought has dried up pastures and unless rain falls soon supplementary feeding of livestock will be necessary. Farmers have started making corn silage. Truro reports continued dry weather. The grain harvest is almost over with below average yields but excellent quality reported. Early potatoes are producing about average crops but late potatoes will be lighter. Pastures are burnt

out and there is a shortage of water for stock. Dairy herds are being fed hay and grain to maintain production. In the Annapolis Valley conditions continue very dry with wells and streams drying up. Crop yields are generally reduced as a result. Apple picking has begun earlier than usual with a below-normal yield in prospect. Potato fields will also be down. Conditions are such that rain now will not change the picture. Pastures are largely dried up and most farmers are feeding hay. Yields of beans, corn, vine crops, and tomatoes are much reduced, due to the lack of moisture.

Reports from Fredericton, New Brunswick, indicate that extremely dry hot weather during August curtailed the growth of all crops. Early-sown grain, however, yielded well but late-sown grain shrivelled. Pasture and aftermath growth is at a standstill. Corn, beans, and garden crops have prematurely ripened with yields correspondingly reduced. However, dry weather has checked diseases on potatoes, beans and most other crops. In the Ferth district the weather has also been dry although scattered showers are reported which brought some relief. Farmers have almost finished threshing the grain crops with good yields and good quality reported. Potato digging has begun and will be general in one week to ten days. Although quality is very good, yields will be much lighter than previously expected as a result of drought. Pastures are extremely dry.

QUEBEC

The Experimental Farm at L'Assomption, east of Montreal, indicates that threshing of cereals is almost completed. Harvesting of flue-cured tobacco is 80 per cent done and cigar tobacco 90 per cent. The canning pea harvest is finished and that of sweet corn is beginning. All crops remaining for harvest are suffering from drought, particularly pastures and meadows. The grain crop has been harvested in the St. Jean area and yield and quality has been good. Slight damage was caused by grasshoppers in some parts of the district. Drought is affecting vegetable field crops and pastures throughout the region. The apple crop will likely be somewhat smaller than last year, but quality is very good despite the drought. Picking should begin some time next week. Weather has been dry in the Lennoxville area with August rainfall totalling only 1.66 inches and September to date 0.21 inches. The cereal grain harvest is practically finished with good yields. Corn is fair. Slight frost damage has occurred in some localities. Pastures are short but good for this time of year.

The grain harvest is completed in the Ste. Anne de la Pocatière area east of Quebec City. Yields of wheat, oats and barley are normal. As a result of the long drought pastures and aftermath are very poor. Melba apples were picked last week but fruits were small. Fall and winter apples are also small. Late potatoes are maturing with no late blight in evidence.

Precipitation totalled only 2.12 inches during August in the Lake St. John area, with the first fall frost occurring on September 6. Temperatures reached a minimum of 32 degrees. Aftermath and pastures are still good but rains are needed. The blueberry crop is fair and the potato crop excellent.

ONTARIO

In Simcoe County of western Ontario good progress is being made with harvesting operations. About 95 per cent of the crop is cut and about 80 per cent threshed. Yields are reported to be slightly better than expected but still are only 80 per cent of normal. Silage corn is variable and is also about 80 per cent of an

average crop. It is expected that a shortage of straw will be a major problem on many farms this winter. Potatoes and tobacco indicate a good crop. Pastures are average or better than average with a good second growth of alfalfa available for pasture or hay as required. New seedings are coming along well. Good progress has been made in preparation of lands for fall wheat and an increased acreage is indicated. In Bruce County farmers are completing grain harvesting and yields have exceeded earlier expectations. Although some stands were spotty the grain is yielding very well. Corn crops are late and immature, while turnips are only fair. Pasture is becoming scarce but there are ample supplies of hay for supplementary feeding.

In Wellington County harvesting of spring-sown grains is progressing under ideal conditions with yields reported from good to excellent. Harvesting of winter wheat is finished. Considerable cultivation has been done. Pastures are drying up with the hot, dry weather in many parts of the county. However, alfalfa aftermath is exceptionally good and is relieving this situation to some extent. Corn is developing well although the crop is spotty and varies from poor to good. The majority of the crop needs another month of frost-free weather to mature. Good harvesting weather has aided operations in Wellington County and for the first time this season, the land is getting dry. It is expected that acreage seeded with fall wheat may be somewhat reduced. Due to a late harvest, only a limited amount of work has been done on wheat land. Pastures remain adequate. In Halton County, pastures are in average condition but rain is needed. Silage corn is below average and growth is still in the early stage of maturity. Early-sown spring grains have been harvested with heavy yields reported while the main crop of spring grain remains to be harvested. A high quality crop of second growth hay has been harvested during the past month.

The weather has been very dry in Middlesex County. Pastures are deteriorating and milk production is showing a marked decline. Corn, potatoes and other fall crops need rain. Late-sown oats are being combined and although samples are generally satisfactory, yields vary from poor to good. Much of the husking corn is still backward in maturity. Tobacco harvesting is progressing well and the apple crop is reported to be good. An above average acreage is being prepared for fall wheat although many fields are too dry to plough. In Essex County very dry weather is reducing yields of many crops where irrigation is not available. The corn crop is about normal but some fields are turning badly. Some early-planted soybeans are starting to ripen and the crop is fair. Tomatoes and sweet corn for processing are being harvested and both yields and quality are good. Pastures are fair and silo filling has commenced. Harvesting of peaches is well along and flue-cured tobacco is two-thirds picked. Soybean crops on Pelee Island have improved somewhat but prospects are still below average. Early crops are maturing rapidly while late crops are making good growth. About 75 per cent of an average crop is expected.

Dry weather has reduced corn crops in Kent County. Canning corn and tomatoes are behind schedule in development. The usual acreage for winter wheat is being prepared. The second generation of corn borer moths is abundant and corn worms are still present. The tobacco and white bean harvest is progressing favourably. Many areas in Norfolk County have been dry for the past three weeks. Harvesting of oats is almost completed with both yield and quality good. Harvesting of tobacco is progressing well with some crops finished. Corn has made excellent growth but may be late maturing. Tomatoes are now being harvested and yield prospects are average. Canning corn is yielding well. Rain is needed for seeding of fall wheat. Harvesting of mid-season peaches in Lincoln County is almost over. Production was below normal but the quality good. Harvesting of Bartlett pears is progressing rapidly. European red

mites built up rapidly during the last half of August and have caused severe damage to plums as well as some damage to apples, peaches and pears where special control measures were not applied. In Peterboro County of central Ontario, the grain harvest is about 75 per cent completed and some above average yields are reported. Both pastures and hay aftermaths are good. Silage corn is beginning to mature. Seeding of fall wheat will commence shortly and an above average acreage is expected. In Dundas County of eastern Ontario harvesting is well advanced and good yields are reported from early-sown grains. Late-sown crops are fair. Pastures are very poor and require more rain. The corn crop is about half that of last year. Early apples are being picked with yields varying from fair to good, but quality is excellent. In Renfrew County harvesting of spring grains is practically completed and yields of oats and barley set all time records. Seeding of fall wheat is in progress with an increased acreage anticipated. The cutting of silage corn has commenced. There is a very small acreage of red clover for seed this year, but more than the usual amount of alfalfa for seed. According to a report from the Experimental Farm at Kapuskasing in northern Ontario, early-sown grain crops are being harvested under good weather conditions. Pasture aftermath has been slow due to a lack of rain, with alfalfa showing the more vigorous growth.

MANITOBA

A substantial amount of harvesting has been completed in Manitoba despite recent showers which have been delaying operations. In most districts up to 75 per cent of the wheat has been harvested and up to one-half the coarse grains. Wheat has been grading mostly No. 3 Northern. Sugar beets are doing well and sunflowers are filling excellently while pastures are showing a good recovery.

In the southern part of the province at Altona the cereal harvest is practically completed and flax is about half finished. Sugar beets have been doing very well since the rain and there has also been an excellent filling of sunflowers. The pea harvest is nearly completed and yields are better than average. The second cutting of hay is also completed. Pastures have made a good recovery. Wheat is the best crop this year being slightly above average, while oats are fair, barley poor, flax poor and rape below average. In the Morden district 80 per cent of the wheat has been harvested, 60 per cent of the coarse grains and 50 per cent of the flax. The canning corn harvest is well underway. Sunflowers, field corn and sugar beets all look promising. Moisture conditions are favourable.

Harvesting operations are also progressing favourably at Pilot Mound where wheat is 75 per cent completed, coarse grains 50 and flax 15 per cent. Yields and quality range from fair to excellent. Pastures are in good condition as a result of late summer rains. Combining of wheat and coarse grains is 60 per cent completed at Somerset. Wheat is grading No. 2 and 3 Northern and yielding 30 to 35 bushels. Oats are yielding 45, barley 35 and flax 12. In the southwest corner of the province at Melita, 75 per cent of the crop has been harvested, the remaining quantities being mostly flax. Wheat in this district averaged 20 bushels, barley 20, oats 25 and flax 7.

East of Winnipeg at Beauséjour, 60 per cent of the wheat has been harvested and about a third of the coarse grains. Wheat is yielding 20 bushels, barley 18 and oats 35. Showers and high humidity have been slowing up harvesting operations. Pastures are in very good condition. In the Portage la Prairie district, harvesting operations have been delayed by several showers but half of the cereal grain harvest is now completed with some field peas combined. Wheat yields vary from 15 to 40 and should average 25 with oats averaging 35 and barley as low as 26 because of the poor returns on late barley. The flax estimate is about 10 bushels and field pea yields are reported to be good.

The Experimental Farm at Brandon reports that rains throughout late August and early September have severely curtailed harvesting operations. Swathing of cereal crops has been completed but most of the flax remains unsathed. Yields of cereal crops are only fair within the immediate district of Brandon but are good to very good in the southwest area of the province. Wheat is grading No. 3 and there has been some deterioration due to wet weather. Grade and yield of early-sown barley is good but late-sown coarse grains are shrunk and light. Combining is one-third to one-half completed. Further south at Virden, swathing is completed except for late-sown grain. A general rain stopped most combining for the past three days but operations commenced on Tuesday. Approximately 50 per cent of the combining has been done. Moisture conditions are adequate to maintain pastures.

In the Interlake area at Arborg, swathing is 65 per cent completed and combining has started, but is being held up by intermittent showers. Wheat is grading No. 3, oats No. 1 Feed and weight per bushel is good. Approximately 30 per cent of the timothy seed has been lost due to rain and shattering. Late barley is still on the green side.

In west-central Manitoba at Minnedosa harvesting is progressing favourably with 95 per cent of the grain sathed and 75 per cent of the wheat threshed. About half the barley and 20 per cent of the oats have also been threshed. Wheat is grading No. 2 to 3 Northern and barley is being accepted for malting. Pastures are in good condition. In the northern part of the province at Dauphin, 75 per cent of the harvest has been completed. Wheat and flax yields are averaging well, while coarse grains are below average in yield and quality. Fall land work is well advanced in this district.

The Entomological Laboratory at Winnipeg states that a grasshopper adult survey reveals a marked increase in area infested and in severity of infestation as compared to 1959. In the Red River Valley, Carman, Neepawa and Gladstone districts and in the extreme southwestern part of the province, infestations range from light to very severe. Damage to late-sown flax, pastures and alfalfa has been common in these areas.

The Canadian Hail Underwriters' Association reports medium hail damage from a storm between Cromer and Lenore on August 16 and light damage from storms on August 27 from Tilston to Napinka and in the Harmsworth area.

The average precipitation for the province since April 1 was 9 per cent below normal compared with 6 per cent below normal a week ago, 14 per cent below normal two weeks ago and 8 per cent above normal a year ago. Mean temperature for the week ending September 5, 1960 was 9.0 degrees above normal compared with 0.7 degrees above normal a week ago, 7.0 degrees above normal two weeks ago and 3.8 degrees above normal for the week ending September 7, 1959.

SASKATCHEWAN

Ideal weather has resulted in rapid progress with the harvest in Saskatchewan. Some 85 per cent of the wheat and 80 per cent of the coarse grains have been sathed while 60 per cent of the wheat and 55 per cent of the coarse grains have been threshed. Operations are well advanced in the southern and central districts while in the northern districts 10 and 20 per cent of the wheat and coarse grains, respectively, have been threshed. Reports indicate yields and quality are higher than expected. Provided present weather conditions continue, many farmers in southern and central districts will complete the harvest by this weekend, while in northern areas, two to three weeks will be required. The flax and rapeseed harvests are underway with some 10 and 45 per cent threshed, respectively.

Dry, hot weather at Indian Head during the past few weeks has enabled farmers to make excellent progress with the harvest. Wheat is 65 per cent threshed with yields and grades better than expected. Yields of wheat range up to 40 bushels per acre on summerfallow and between 15 and 25 bushels on stubble. Colour and weight of the samples are excellent. Oats are 75 per cent and barley 90 per cent threshed while a start is just being made on the harvesting of flax which will yield an estimated 10 to 14 bushels per acre. Fields being summerfallowed have a heavy growth of weeds and volunteer grain and will require an additional tillage operation before freeze-up. At Fillmore in the southeast part of the province the harvest is progressing well, with swathing of cereals practically completed and from 60 to 65 per cent threshed. Wheat from early-seeded fields shows evidence of severe burning but quality of later crops is good and the yield is about average. Coarse grains are yielding exceptionally well. A limited amount of flax has been swathed and combined, and yields have been above average. Garden crops are yielding very good with corn being exceptionally good.

The Experimental Farm at Swift Current in the southwest part of the province reports that wheat harvesting is 70 per cent completed and flax 20 per cent. Yields of flax range from 5 to 15 bushels per acre and the sample is variable. At Big Beaver harvesting is 80 per cent completed with most wheat grading in the top three grades and the average yield should be about 20 bushels per acre. Combining of flax has not yet begun. There should be plenty of feed this year in the district, and one inch of rain received at the end of August delayed the harvest and bleached the wheat sample. At Val Marie about 80 per cent of the crop has been threshed with wheat yielding 5 and oats and barley about 8 bushels per acre. The weather is dry and windy.

In the east-central part of the province in the Togo district some 75 per cent of the grain has been threshed. Most grain is in good condition and grading well. Yields are higher than anticipated except on early fields which were damaged by extreme heat. Pastures are very dry and rain is needed to promote fall seed growth and make fall work easier. At Willowbrook the harvest is moving along rapidly with about 70 per cent of all grain harvested to date. Wheat is grading mostly No. 2 with the weight ranging from 60 to 64 pounds per bushel. An average yield of 25 bushels per acre is expected. Flax crops are light. The weather remains dry and very windy.

In the central part of the province at Drake, harvesting is 90 per cent completed with wheat yielding 20 bushels per acre and grading No. 2 or 3 Northern. Late-sown fields are producing the best sample. Coarse grains are an average crop and the flax is still unharvested. Fall sown rye is showing green. During the past three days strong winds have caused some soil erosion. Stubble ground is now being worked and livestock are in good condition.

Except for flax, threshing is practically completed in the Rosetown area in west-central Saskatchewan. Wheat is averaging approximately 22 bushels per acre and grading mostly No. 2 and 3 Northern. According to the Experimental Farm at Scott combining is 50 per cent completed in the west-central district, but cool showery weather over the weekend has slowed operations. Wheat should average 15 bushels per acre. In some areas to the north, heavy rains at the end of August delayed ripening of grain. Recent high winds have caused considerable soil drifting but will help dry the grain.

Dry weather has permitted the harvest to move along rapidly at Melfort in the northeast part of the province. Our correspondent estimates that from 70 to 80 per cent of the barley and from 30 to 50 per cent of the wheat have been combined. Approximately 80 per cent of the Polish rape has been combined and from 40 to 50 per cent of the Argentine type has been taken off. Yields vary from fair to very good.

considerable amount of wheat is grading No. 2 Northern. The harvest is in full swing at Nipawin with the main grass seed crops all producing good yields. The rape seed crop is below normal. Recent high winds have done considerable damage to rape seed and grass crops still in the swath. Barley is below average but oat crops are good. Wheat fields are a good average and the grade is very good. Apart from strong winds harvest conditions are ideal.

The Canadian Hail Underwriters' Association reports the following storms August 12 - Horsham to Fox Valley (light); Buttress area, Ebenezer area (light); August 16 - Insinger to Buchanan (light); August 22 - Admiral area (medium to heavy), Simmie to Vanguard, Simmie to Wymark to Burnham (medium to heavy); August 23 - Baird to Main Centre (medium to heavy), Humboldt area (light); August 26 - Unity area (medium), Plenty area (medium), North Battleford area (light), Sturgeon River area (light), Wolseley area (medium); August 27 - Yellow Grass area (light), Carnduff to Fertile (light). The Saskatchewan Municipal Hail Insurance Association reports hail storms since last report: August 12 - Readlyn, Assiniboia to Fox Valley; August 22 - Bracken, Montclair, Admiral, Creighton, Cadillac, Neville, Blumenhof, Vanguard, Scotsguard, Simmie, McMahon, Waldeck, Swift Current, Wymark, Burr, Kerrobert; August 23 - Main Centre, Leechy, Hughton; August 26 - Wolseley, Lemberg, Dodsland, Plenty, Unity, North Battleford; August 27 - Carievale, Fertile, Storthoaks; August 29 - Unity.

Average precipitation since April 1 has been 7 per cent below normal compared with 4 per cent below normal a week ago, 6 per cent below normal two weeks ago, and 10 per cent below normal a year ago. Mean temperature for the week ending September 5 was 7.7 degrees above normal compared with 2.2 degrees below normal a week ago, 0.4 degrees above normal two weeks ago and 1.8 degrees above normal for the week ending September 7, 1959.

ALBERTA

Progress of harvesting in Alberta varies from almost completed in the southeast to just becoming general in parts of the northeast. Conditions are most difficult from Edmonton and Athabasca to the eastern border where the ground is very soft. Parts of the Peace River area are also wet and showers have caused delays in all regions of the province. Better harvesting weather has prevailed toward the south. Threshing returns to date indicate that wheat and particularly barley will be light in weight per bushel. Some threshing has been rushed with grain turning out tough. The mustard harvest has been completed with variable yields. Rapeseed and most grasses are turning out well, but prospects for legume seed crops are very mixed. Hay supplies should be adequate in most areas. Light frost in western and northern regions is not likely to have done any damage although some grain may have been affected in the Peace River country.

Grain crops are 97 per cent harvested in the Medicine Hat area and harvest of special and horticultural crops is progressing favourably. Pastures have been improved by recent rain. Harvesting of wheat and coarse grains is 60 per cent completed in the Claresholm district of southwestern Alberta. Wheat is averaging about 17 bushels per acre. Flax is being swathed and some threshing has been completed, with yields varying from 8 to 10 bushels per acre. All grains are threshing out in good, dry condition.

Percentages of threshing completed in the Vulcan area are: wheat, 60; oats, 100; barley, 80; and flax, 25 per cent. Anticipated yields are: wheat, 15; oats, 30; barley, 25; and flax, 8 bushels per acre. Barley is of low quality but wheat will all be in the top grades. Cutting and swathing is nearing completion in the Calgary area and combining is general. Barley is about 50 per cent harvested. With continued favourable weather harvesting should be all completed within ten days to two weeks' time. Yields vary from fair to good.

Harvesting and combining are well underway in the Donalda area of central Alberta. Wheat is expected to grade well but it is too early to estimate yields. Oats and barley are yielding well. Windy weather prevailed during the early part of this week and rain falling on September 6 was expected to stop operations for the time being. Farther south at Stettler, favourable harvest weather has prevailed with 70 per cent of the cutting and 10 per cent of the threshing completed. Wheat is yielding 25 bushels per acre and grading No. 2 and 3 Northern. Oats are averaging 35 bushels and barley 30 bushels per acre.

Unsettled weather has slowed harvesting operations in the Red Deer district. To date 70 per cent of the wheat and coarse grains is cut, with 35 per cent threshed. Yields are estimated at: wheat, 30; oats, 50; and barley 35 bushels per acre. Quality is good. The adverse weather is delaying haying and quality of the second cut will be only fair. Cool weather with frequent light showers has also delayed harvest in the Lacombe area. About 90 per cent of the swathing has been done, with 45 per cent of the combining completed. Farther west at Eckville 95 per cent of the barley and 70 per cent of the oats have been cut. Barley is 40 per cent threshed and oats 5 per cent. Unsettled weather still prevails. Summerfallow is in fairly good condition. Second-cut alfalfa is now being put up with fair yields and good quality.

Recent rain has retarded harvesting operations in the Edmonton district. Barley is showing evidence of weathering and sprouting and is about 20 per cent harvested. Northeast of Edmonton in the Bonnyville area, lodged grain and extremely wet conditions are seriously hampering progress of harvesting. Practically no threshing has been done to date but about half the crop is cut. Wheat is expected to average 25 bushels, oats 40 and barley 20 bushels per acre. No frost damage has occurred as yet and pastures and gardens are in excellent condition. North of Edmonton at Colinton rainfall since May 1 has totalled 14.4 inches. The wheat and oat crops are good but barley is poor. Cutting is 90 per cent completed and some combining has been done. Considerable rain has fallen during the past week and has stopped harvesting. Further rain would adversely affect the crop.

The Experimental Farm at Beaverlodge in the Peace River District reports harvest is proceeding slowly due to showery weather. High winds have caused heavy shattering of barley. Frost on September 1 is not considered to have done much damage as most crops are mature.

The Canadian Hail Underwriters' Association reports hail storms as follows: August 14 - Wrentham to Grassy Lake, light to medium; Hairy Hill to Innisfree, light to medium; Smoky Lake area, Mundare area, Forestburg area, light to medium. August 15 - Park Bend to Cardston to Magrath, light to medium. August 21 - Skiff area, light. August 25 - Holden, Thorhild and Warburg areas, light; August 26 - Heisler and Lacombe areas, light to medium.

Average precipitation for the province since April 1 has been 5 per cent below normal compared with 4 per cent below normal a week ago, 7 per cent below normal two weeks ago and 2 per cent above normal a year ago. Mean temperature for the week ending September 5 was 2.0 degrees above normal in contrast to 3.8 degrees below normal a week ago, 2.1 degrees above normal two weeks ago and 2.2 degrees below normal for the week ending September 7, 1959.

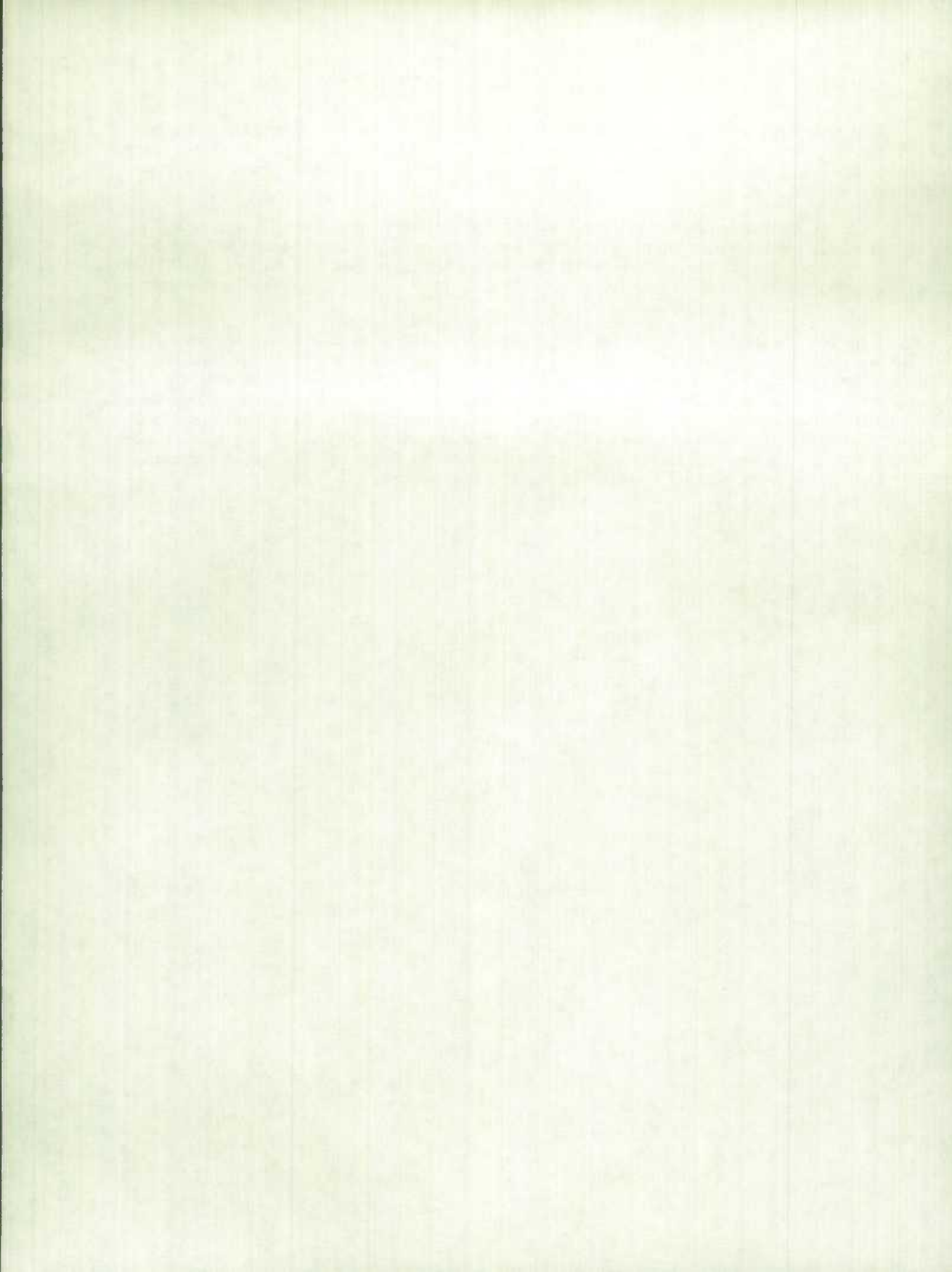
BRITISH COLUMBIA

In the Victoria region soil conditions are still very dry in spite of recent showers but both grass and pasture conditions are slowly improving. Oats are still to be harvested, while some second early and main crop potatoes are still to be picked up. Bartlett pears are now ready for harvesting.

In the Creston area heavy rain has delayed harvesting of cereal grains and only 35 per cent has been completed to date, with yields slightly below average. Seed crop yields are also below average and harvesting has been completed. Tree fruits are ripening well and colour is good.

The peach harvest is completed in the Oliver-Osoyoos area of the South Okanagan Valley. Both Elberta and Bartlett pears are being harvested and moving to market. Canneries are at their peak with peaches. Early prunes are harvested. Spot picked McIntosh apples have started today. Flemish pear harvesting has also commenced.

In the North Okanagan Valley fall grain has all been harvested and new seedings are nearing completion. Sudden cold weather and frosty nights at higher altitudes are forcing cattle from forest ranges. Moisture reserves on ranges are replenished. In the Lower Fraser Valley August mean temperature has been below normal, while rainfall has been 100 per cent above average. September to date has been cool and wet. Pastures are almost normal following long summer drought. Early market corn has been hard hit by delayed maturity. Grain harvest is nearing completion, while corn crops are maturing very slowly because of cool temperatures.



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

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. Sept.5/60	since April 1	since April 1	Sept. 5 1960	Normal
		- inches -			- degrees F. -	
MANITOBA						
1	Pierson	N.R.	10.29 ^{2/}	11.54	N.R.	60
	Waskada	N.R.	10.46 ^{2/}	11.84	N.R.	60
2	Boissevain	N.R.	10.96 ^{2/}	11.95	N.R.	59
	Deerwood	N.R.	8.83 ^{2/}	11.70	N.R.	59
	Ninette	.21	9.97	12.23	69	59
	Pilot Mound	.04	10.31	12.32	71	61
3	Portage la Prairie	.67	10.31 ^{2/}	11.76	69	61
	Graysville	.59	11.76 ^{2/}	11.13	73	60
	Morden	NIL	10.07	11.93	71	61
	Altona	Trace	9.67	11.55	72	61
	Morris	.10	10.16 ^{2/}	10.82	72	62
	Roland	N.R.	10.08 ^{2/}	11.53	N.R.	61
	Gretna	Trace	8.87	11.68	73	61
	Emerson	Trace	10.54	11.68	72	62
	Stonewall	.97	12.30	11.54	67	61
4	Winnipeg	.14	9.38	11.44	71	61
6	Sprague	.20	13.55	13.11	70	57
	Seven Sisters Falls	.14	10.66	11.04	68	58
	Steinbach	.21	12.61	11.92	70	60
7	Virden	.20	11.82 ^{2/}	11.10	68	60
	Reston	N.R.	6.54 ^{2/}	11.54	N.R.	60
	Rivers	.17	10.76	12.68	68	59
8	Brandon	Trace	11.61	12.60	67	59
	Cypress River	Trace	8.89	11.41	71	60
9	Neepawa	.14	10.09	11.78	66	59
	Grass River	.04	8.21	12.06	65	59
10	Russell	.04	8.07	10.63	63	57
	Rosburn	.03	10.67	10.94	66	56
	Birtle	.25	11.58	11.49	66	56
11	Dauphin	.11	9.64	10.84	64	60
12	Gimli	.05	16.33	11.64	67	59
13	Swan River	.02	9.92	10.91	64	56
	The Pas	.11	7.21	9.63	64	56
MANITOBA AVERAGE		.16	10.51	11.57	68.4	59.4
SASKATCHEWAN						
1A	Estevan	.20	9.21	11.34	69	61
	Carlyle	.34	9.52 ^{2/}	10.85	67	57
	Oxbow	.26	9.26 ^{2/}	11.29	65	59
	Willmar	.35	9.97	10.79	N.R.	N.R.
1B	Broadview	.07	8.18	11.78	58	57
	Moosomin	.02	10.00	11.84	67	58
2A	Yellow Grass	Trace	8.29	10.04	67	59
	Creelman	.18	11.03	10.31	67	58
	Weyburn	.12	8.82	10.22	69	59

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

Province and Pop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m.	Total since	Normal since	Week ending 8 a.m. Sept. 5	
		Sept. 5/60	April 1	April 1	1960	Normal
		- inches -			- degrees F. -	
ASKATCHEWAN (continued)						
2A	Midale	N.R.	7.81 ^{2/}	10.03	N.R.	59
2B	Moose Jaw	Trace	8.21	9.26	70	61
	Regina	.02	11.27 ^{2/}	9.72	68	58
	Francis	N.R.	7.11 ^{2/}	9.35	N.R.	58
	Qu'Appelle	.10	8.85	10.70	66	58
	Indian Head	.18	6.71	9.94	68	58
	Wilcox	.02	10.52	9.80	65	59
3AS	Assiniboia	NIL	9.74	9.56	70	59
	Ormiston	.13	10.23 ^{2/}	9.90	68	59
	Readlyn	N.R.	12.58 ^{2/}	9.90	N.R.	59
	Minton	N.R.	10.98 ^{2/}	10.83	N.R.	59
	Cardross	N.R.	13.52 ^{2/}	9.79	N.R.	59
	Ceylon	Trace	6.23 ^{2/}	11.14	67	60
3AN	Chaplin	NIL	7.43	8.61	68	58
	Gravelbourg	Trace	10.66	9.42	68	59
	Coderre	.01	9.57	9.38	68	59
3BS	Shaunavon	Trace	8.58 ^{2/}	8.50	65	59
	Cadillac	N.R.	6.92 ^{2/}	9.52	N.R.	58
	Pambrun	N.R.	10.21 ^{2/}	9.77	N.R.	59
	Ameroid	NIL	6.92	8.66	67	59
	Instow	Trace	7.63	8.86	67	59
3BN	Pennant	Trace	8.88	8.45	68	60
	Swift Current	Trace	10.52 ^{2/}	9.65	68	59
	Hodgeville	N.R.	7.54 ^{2/}	9.67	N.R.	59
	Hughton	.02	6.59	8.06	70	59
4A	Maple Creek	NIL	8.31 ^{2/}	8.35	67	59
	Consul	N.R.	5.21 ^{2/}	7.62	N.R.	59
4B	Abbey	NIL	6.87 ^{2/}	7.67	69	59
5A	Cupar	NIL	9.60 ^{2/}	9.20	68	58
	Leross	N.R.	3.41 ^{2/}	9.90	N.R.	54
	Lorlie	NIL	8.22	9.90	64	54
	Melville	Trace	5.82	9.86	65	57
	Yorkton	Trace	5.64	10.18	67	58
	Bangor	Trace	5.17	10.25	67	57
5B	Dafoe	NIL	9.10 ^{2/}	10.83	59	57
	Foam Lake	N.R.	8.05 ^{2/}	10.48	N.R.	57
	Lintlaw	Trace	10.75	10.26	64	55
	Kamsack	.08	5.37	10.06	65	58
	Arran	Trace	6.49 ^{2/}	10.24	61	56
6A	Dilke	N.R.	7.94 ^{2/}	8.52	N.R.	N.R.
	Imperial	NIL	5.84	8.66	67	58
	Semans	.10	7.66 ^{2/}	8.19	67	59
	Strasbourg	N.R.	8.78 ^{2/}	9.26	N.R.	57
	Watrous	Trace	7.58 ^{2/}	8.28	66	58
6B	Harris	NIL	7.10 ^{2/}	8.09	66	58
	Outlook	Trace	5.49	7.59	67	59

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

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m.	Total since	Normal since	Week ending 8 a.m.	
		Sept. 5/60	April 1	April 1	Sept. 5	
		- inches -			- degrees F. -	
SASKATCHEWAN (concluded)						
6B	Saskatoon	Trace	6.77	9.24	67	58
	Elbow	N.R.	7.39 ^{2/}	7.69	N.R.	59
	Tugaske	NIL	6.76	8.74	68	58
	Dundurn	NIL	7.30	8.40	68	58
	Rosthern	.02	9.98	9.23	64	57
7A	Alsask	Trace	6.18	7.42	64	57
	Kindersley	.03	7.32	7.80	65	58
	Rosetown	Trace	9.81	8.84	63	58
7B	Macklin	.07	9.50	8.62	63	56
	Scott	N.R.	6.81 ^{2/}	8.70	N.R.	56
	Biggar	.03	11.24	8.71	64	58
8A	Hudson Bay	Trace	10.75	10.30	64	55
	Porcupine Plain	Trace	16.57	10.14	63	57
	Prairie River	NIL	11.18	9.95	63	57
8B	Humboldt	NIL	8.11	8.49	66	58
	Melfort	NIL	8.77	9.62	65	56
9A	North Battleford	.01	8.64	8.50	63	58
	Victoire	.04	10.12	9.15	60	54
	Prince Albert	NIL	8.96	9.71	63	57
	Island Falls	1.00	10.24	10.82	61	54
9B	Waseca	.02	10.96	8.96	58	55
	St. Walburg	.04	11.69	9.48	56	54
SASKATCHEWAN AVERAGE		.06	8.78	9.47	65.5	57.8
ALBERTA						
1	Empress	NIL	3.80	6.18	66	61
	Foremost	NIL	6.70	8.70	66	59
	Hanna	.07	8.03	8.47	61	56
	Manyberries	N.R.	6.80 ^{2/}	6.66	N.R.	60
	Medicine Hat	.18	7.03	7.81	67	61
	Naco	.10	11.86	7.82	60	56
	Winnifred	N.R.	6.93 ^{2/}	7.22	N.R.	N.R.
	2	Brooks	NIL	6.49	7.99	64
Drumheller		.10	6.41	8.23	61	58
Gleichen		Trace	5.41	9.04	62	56
Hays		.06	5.67 ^{2/}	7.68	66	59
Hussar		N.R.	7.68 ^{2/}	8.68	N.R.	N.R.
Raymond		N.R.	8.53 ^{2/}	9.29	N.R.	58
Lethbridge		Trace	7.54 ^{2/}	9.52	65	58
Strathmore		N.R.	9.41 ^{2/}	9.90	N.R.	56
Taber		NIL	7.34 ^{2/}	8.30	64	54
Three Hills		N.R.	6.31 ^{2/}	9.79	N.R.	55
Trochu		N.R.	5.46 ^{2/}	10.54	N.R.	57
3	Vulcan	N.R.	6.71 ^{2/}	9.15	N.R.	56
	Calgary	.01	9.99	11.29	58	56
	Cardston	NIL	7.00	10.17	61	56

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

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m.	Total since	Normal since	Week ending 8 a.m.	
		Sept. 5/60	April 1	April 1	Sept. 5	
		- inches -			- degrees F. -	
ALBERTA (concluded)						
3	Cowley	Trace	5.23	10.39	60	55
	Fort MacLeod	NIL	7.33	10.24	62	60
	High River	NIL	8.09	12.09	59	54
	Jasper	.40	10.60	7.44	52	53
	Magrath	N.R.	9.49 ^{2/}	9.92	N.R.	59
4	Olds	.10	9.64 ^{2/}	11.74	56	54
	Alliance	N.R.	10.04 ^{2/}	10.30	N.R.	54
	Camrose	.02	9.28 ^{2/}	9.70	65	54
	Coronation	Trace	6.67 ^{2/}	10.15	61	56
	Hardisty	N.R.	5.77 ^{2/}	9.73	N.R.	N.R.
	Hughenden	N.R.	7.69 ^{2/}	9.55	N.R.	56
	Lloydminster	.05	11.12	9.06	57	56
	Stettler	.04	6.38	10.94	59	54
	Vegreville	.46	8.76	10.09	55	56
	Vermilion	Trace	9.73	10.99	57	54
5	Edmonton	.35	12.68	11.46	55	56
	Lacombe	.37	9.44	12.23	56	55
	Red Deer	.02	11.00	11.27	57	54
	Rocky Mountain House	.25	11.96	15.51	53	53
	Wetaskiwin	.08	13.55	11.25	55	55
6	Athabasca	N.R.	14.98 ^{2/}	10.41	N.R.	53
	Campsie	.40	13.91	11.95	51	53
	Edson	.46	13.34 ^{2/}	13.04	50	53
	Elk Point	N.R.	15.86 ^{2/}	9.70	N.R.	53
	Embarras	.15	7.44	8.02	55	54
	Lac la Biche	.21	13.38	10.64	54	55
	Whitecourt	.38	13.68	13.64	51	53
	Beaverlodge	.29	13.49 ^{2/}	8.88	48	54
7	Berwyn	.38	8.11 ^{2/}	8.46	50	53
	Fairview	.11	6.96 ^{2/}	9.16	49	53
	Ft. Vermilion	N.R.	7.59 ^{2/}	7.36	N.R.	53
	Grande Prairie	.19	11.73	8.68	50	54
	High Prairie	.24	9.00	10.42	50	54
	Rycroft	N.R.	12.28 ^{2/}	8.54	N.R.	55
	Wagner	1.05	12.32	10.27	51	53
	ALBERTA AVERAGE		.16	9.23	9.74	57.5

- N.R. - No report.
^{1/} - Source: Meteorological Service of Canada.
^{2/} - Incomplete; not included in average.

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