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DOMINION BUREAU OF STATISTICS

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TELEGRAPHIC CROP REPORT - CANADA

This is the sixth of the 1959 series of nine 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 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.

SUMMARY

DOMINION BUREAU
OF STATISTICS

AUG 12 1959

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Maritime Provinces With ideal weather prevailing, haying operations are in full swing throughout the Maritime Provinces. In Prince Edward Island yields are from below average to average but better than had been expected earlier. Farmers in Nova Scotia have only harvested about half of the hay crop because of wet weather. Recently, conditions have greatly improved. Average yields are reported. Haying in New Brunswick is about half over with the stored crop in good condition. In the earlier areas of the Mainland Provinces early potatoes are being harvested and in some sections early spring-seeded grain is ripening.

Quebec During the last three weeks precipitation has been below normal in the Province of Quebec. As a result very high temperatures throughout the area have considerably reduced moisture reserves. However, dry weather has favoured haying operations and a normal yield with excellent quality is reported. Farmers will finish hay making within a few days. Grain crops made rapid progress during July and harvesting started a few days ago in the Montreal area. Yields vary from average to good. Pastures have suffered from the dry weather, except in the Lake St. John area where moisture reserves are still adequate. Early potatoes and other horticultural crops are producing good yields. Harvesting of a good crop of beans and green peas is well underway. Flue-cured tobacco is developing well and looks promising. Tomatoes and forage corn, however, are developing slowly because of lack of rain. Raspberry yields will be distinctly below normal. In the Abitibi and Lake St. John districts picking of a good blueberry crop is reaching its peak. Prospects are for an about normal apple crop. Good rains, however, would help all crops.

Ontario Harvesting of fall wheat commenced last week and will be general next week. The harvested acreage will be down sharply due to winterkilling and yields will be somewhat below average. Harvesting of first-cut hay is almost completed in Old Ontario and is making good progress in Northern Ontario. Almost all counties report good hay yields with quality varying from good to excellent. Second-growth hay is

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

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coming along well in about two-thirds of the province but requires rain in a number of counties. Most spring grains are short on straw, and are maturing rapidly. In some counties immediate rain would help these crops to fill properly. Yields of spring grains range from below normal to above normal with the average for the province probably somewhat below normal. The greater part of southwestern Ontario needs rain at the present time for pastures, small fruits, corn and other late crops. Irrigation systems are being used to maximum capacity in this area.

Prairie Provinces High temperatures during the past week have advanced crops rapidly throughout the Prairie Provinces. Where moisture supplies were limited, such as south-central, central and part of northwestern Saskatchewan and in east-central Alberta, crops have tended to burn and some deterioration has resulted. In most other districts, crops have withstood the heat reasonably well. More rain is required to prevent deterioration and to ensure proper filling. An early start will be made with the harvest this year and some fields will be swathed this week.

British Columbia Fine weather throughout the province of British Columbia has benefited all crops. Fall-seeded cereals are ready for harvest. Haying is progressing favourably with good quality cuts reported from all districts. New potatoes are about finished, with excellent yields reported. Raspberry and loganberry harvests of very good quality have passed their peaks at the coast.

MARITIME PROVINCES

The weather in Prince Edward Island has been warm and moderately dry making excellent growing conditions and as a result crops are showing good growth. Haying is in full swing with about half the crop harvested. Yields are around average and better than anticipated earlier. Pastures are holding up well. Cereal crops are growing rapidly and the outlook is very promising. Early potatoes are sizing well and the prospects for the late crop are favourable. Traces of late blight are reported. Early planted turnips are now being harvested, with good yields reported. Pickling cucumbers and blueberries are promising but strawberries are producing a well below average crop. The apple set is satisfactory. Moisture is required by all crops.

Due to wet weather which prevailed up until recently haying operations have been delayed in Nova Scotia. Conditions, however, are now ideal and farmers are harvesting a good crop. Progress with haying varies from 15 to 40 per cent completed. In the Annapolis Valley above average yields of hay are reported but quality is suffering due to previous wet weather and late cutting. Soil moisture reserves are dropping rapidly. Grain crops are about average and farmers have started to harvest early potatoes. Slightly below average yields are in prospect and blight is reported. Sweet corn acreage is up considerably with conditions close to average. Tree fruits are developing rapidly under ideal growing conditions. It is anticipated that the apple crop will be substantially larger than in 1958. Insects are well controlled but apple scab is active. Reports from Amherst state that foggy, humid air has delayed haying with not more than 15 per cent of the crop harvested. Yields are better than had been anticipated earlier and are close to average. Early-sown cereals are headed and look excellent. After a slow start pastures are holding up well. At Truro hay making is now in full swing under ideal weather conditions. About 40 per cent of the crop has been harvested with yields about average. Grain crops are in head with short straw. Pastures are about average. Potatoes are described as heavy on top with some blight evident. In the Yarmouth district soils are very wet and only about 20 per cent of the hay has been harvested. Vegetable crops are below average on poorly drained soils but above average on light sandy soils. Farmers are harvesting early potatoes

with an average crop reported. Winter and early spring-seeded grains are ripening and average yields are in prospect.

In New Brunswick the weather has been hot and fine. Haying is about half over with the condition of the stored crop good. Grains are heading on somewhat short straw and a crop slightly below average is anticipated. Potatoes are particularly promising with the early crop now being marketed. Pastures are getting short but aftermath growth is rapid on heavier soils. Root crops are developing better than average.

QUEBEC

In the L'Assomption area near Montreal, weather conditions have been close to ideal except for a short drought period. Farmers have almost completed haying with average yields and very good quality reported. Pastures are described as good and cereals as very good. The harvesting of canning peas is in full swing. Corn and beans for processing look promising while flue-cured and cigar tobacco are progressing very satisfactorily. Vegetable crops in the St. John's area have in general been badly affected by continuous drought and hot weather. Pastures are very dry and hay yields have been reduced although quality is good. Farmers are now cutting their grain crop, with light yields reported. At Lennoxville 80 per cent of the hay is in storage while in the surrounding district only 50 per cent has been harvested. Pastures are very good, hoed crops fair and grain variable. Conditions are very dry in this part of the province. Reports from Ste. Anne de la Pocatière indicate that farmers have nearly completed putting up a high quality hay crop. Pastures grains and row crops have suffered slightly from drought. Good strawberry yields are being obtained. Quince rust is reported on apples. At Normandin in the Lake St. John district moisture reserves are satisfactory. Hail and 1.84 inches of rain on July 18 caused some damage to grain and blueberries. Cereal crops are headed very well but lack uniformity. Barley is smooth in appearance. Haying is progressing in a satisfactory fashion with excellent yields being obtained where fertilizer had been applied but below normal elsewhere. Pastures and potato crops are excellent and blueberries look promising.

ONTARIO

The first fall wheat was cut in the Barrie area of Simcoe County on July 21 and combining commenced July 27. Yields look to be exceptionally good. The oats and barley crops are ripening but length of straw and yields will be less than last year due to insufficient moisture. Haying operations were completed in this county on or about July 20 and many have hay to sell. Aftermath pastures look excellent and a heavy second crop of hay is anticipated. Silage corn has benefited from recent rains and growth is rapid. In Bruce County recent rains revived pastures and added growth and yield to all crops. Grain yields on clay land will be only about one-third to one-half of normal while yields generally will be well below normal. Early-sown grain is being harvested with prospects for a heavy yield. Haying has been completed with record yields. Growth of the corn crop indicates heavy yields. Winter wheat and early spring grains in the south half of Wellington County are now being harvested. Most reports indicate that grain has filled well but the stand is thin. Spring grain is beginning to ripen in the northern sections of the county and prospects for good yields are excellent. Recent heavy rains were badly needed with both corn and pastures beginning to show the effects of dry weather. Some hay has yet to be stored with hundreds of acres baled and remaining in the field. Aftermath hay is making good growth.

Haying operations are completed in most areas of Waterloo County. Wheat is being cut with binders, while other fields have been combined. Spring grains are ripening and some have been cut. Pastures are becoming short and many dairy farmers are feeding hay in drier areas. Harvesting of winter wheat and spring grains is commencing in Halton County. Oats have matured quickly with short straw. Pastures and second-growth hay are showing very little growth due to continued hot, dry weather. Silage corn indicates average yields. Rain is required for most crops.

Most sections of Middlesex County had good showers last week but some areas have become very dry. Corn, white beans, soybeans, sugar beets and tobacco are making rapid growth. A heavy crop of hay has practically all been stored. Winter wheat and winter barley yields are variable depending on the extent of winterkill. Winter barley is varying from 25 to 75 bushels per acre while winter wheat yields vary from 25 to 60 bushels with considerable rusting. Early-sown oats are now being harvested. Pasture conditions vary from dry to very good. In Essex County the wheat harvest is about completed and yields were fair. Oats is being combined and yields are good. Further rains helped all crops but some districts are still dry. Second-growth hay is short. Prospects for the tobacco crop are good with relatively little disease and the harvest will commence early in August. Harvesting of peaches was underway earlier than usual. The canning tomato crop appears very promising, corn and soybeans look good and sugar beet prospects are also good. On Pelee Island harvesting of fall wheat is almost completed, with quality good and yields poor at 20 to 25 bushels per acre. Soybeans are making normal growth although the straw is short and many fields are patchy. Late-sown crops are very short. Semi drought exists throughout nearly all Kent County. Most crops are suffering from lack of moisture particularly corn, soybeans, white beans and vegetable crops. Harvesting of wheat is nearly completed with both yields and quality much below average. Hay and pastures are very short and some supplementary feeding is being done. Crop prospects in this county are generally quite a bit below average. According to the Dominion Entomological Laboratory at Chatham, potato leafhoppers and hopper burn damage is extensive and severe on alfalfa. White beans also show some stunting from leaf hoppers. Aster yellows is not serious to date. Corn borer damage is variable and there is some ear worm in seed corn. Hot, dry weather is effecting fruit trees, especially sweet cherries on marginal soil, in the Vineland area of Lincoln County. Pear leaf burn is prevalent in some orchards due to a combination of heat, dry soil, insects, mites and sprays. Harvesting of sour cherries is almost over and there was some bruising due to a wind storm July 6.

In the Picton area of central Ontario the fall wheat crop is negligible because of winterkill but spring grains are filling well and ripening quickly. Some winter barley is being harvested. First-cut hay is being harvested and the crop appears adequate. Milk flow is above normal for this time of year and pastures have seldom, if ever, been as good. The past winter caused severe damage to many varieties of fruit crops. This year is the worst cherry failure in many years. Raspberries were winterkilled in some areas although those which survived are bearing well. Apples appear generally average. The MacIntosh set is heavy and indicates high quality free from scab. Acreage of peas has been reduced by two-thirds, with yields somewhat above normal, and with the best yields in late-sown peas. Harvesting of this crop is nearly completed. Corn acreage was also reduced but the crop looks exceedingly promising. A heavy yield of tomatoes is also expected. In Peterborough County cutting and combining of fall wheat is general. Cutting of oats has also commenced. The hot weather has been favourable for corn but has ripened grains too quickly. Rain would be welcome in this area.

In the Brockville area crop conditions are generally considered to be favourable. Haying operations are finished and the crop was above average. The grain crop looks well. Cutting of fall wheat and early-sown oats is in progress. Pastures and new seedings are satisfactory. Corn is growing rapidly but the crop is uneven. In Renfrew County this has been one of the driest seasons on record with only light scattered showers occurring. Haying operations are completed with yields below average but quality good. There is very little second growth in most areas. Pastures are drying up and many farmers are feeding hay. Harvesting of spring grains is well underway with threshing and combining of fall wheat general. A report from Kapuskasing indicates that hot, dry weather is continuing with only scattered showers. The soil is very dry and heading is completed for all spring cereals. Barley is well developed but oats are short and show signs of drought. Haying was completed under ideal weather with quality good but yields low.

MANITOBA

Recent rains in western Manitoba have improved crop prospects and indications are that outturns for the province will be above average. Crops have been withstanding the heat wave fairly well, though at some points there is evidence of burning. Swathing of fall rye has commenced in southern districts and early-sown spring crops are ripening. Haying is well advanced. Leaf rust is heavy on susceptible varieties.

All crops look promising in the Vita district in southeastern Manitoba although some are patchy due to late seeding. Some rust is evident. Haying is about 75 per cent completed. Farther west at Altona, rye and early barley fields are ripening. Wheat is turning colour and most flax and potato fields are in full bloom. Peas are past full bloom and sunflowers are commencing to bud. Moisture conditions are adequate in the district and all crops are satisfactory including beets, soybeans and corn. Aphid infestation is heavy in peas.

The Experimental Farm at Morden reports that the weather continues dry and hot and some crops are suffering from heat. There has been some tip burning in wheat and wheat is turning colour on light soils. Late-seeded crops require moisture. Crop growth is heavy and moisture requirements are, therefore, large. Early-seeded oats and barley are turning colour and corn and sunflowers are showing rapid growth. The second cut of alfalfa is light.

In southwestern Manitoba at Melita, approximately 1.4 inches of rain during this past week has improved conditions. Crops are generally looking fairly good. Swathing of fall rye has commenced. In the Somerset district, wheat is 80 per cent headed and all crops look very promising. Flax promises to be above average, and although barley appears to be an average crop, it may be harmed by the heat. Haying is 90 per cent completed.

North of Winnipeg at Selkirk, recent rains have helped late-sown crops which are ragged in appearance but are improving. Early-sown crops are headed and early potatoes are being harvested. More rains will be required in this area. Moisture supplies are adequate in the Portage la Prairie district. About 90 per cent of the cereal crops are headed. Field peas are generally good and flax stands are quite good with 70 per cent in bloom. Barley stands are also generally good while field beans rate from good to fair. Haying operations are 85 per cent completed.

The Experimental Farm at Brandon reports that moisture conditions are greatly improved as a result of heavy rains during the past week. Early fields are turning colour and grain is filling well. Prospects now are for an above-average crop. Leaf rust is heavy on susceptible varieties. Pastures have improved. Farther west at Virden, heavy rains of last week have also greatly improved crop prospects. Crops have withstood the heat very well. Swathing of fall rye is underway and early oats and barley are almost ready. Crops can be rated as 'just good' with short straw especially for early-sown oats. Hay crops and pasture are only fair. Haying is well advanced.

In the Interlake district at Teulon the majority of cereal crops have headed. Moisture supplies have been ample but the weather has not been too good for haying. No damage has been reported from hail or insects. Sugar beets are growing very well. The overall crop picture at Arborg is good, with ample moisture supplies available. Fields seeded prior to May 15 are heading with even stands. Prospects for late-sown crops will depend on the length of the frost-free season and the extent of rust damage. Rust resistant varieties are holding up well. Hay is plentiful and pastures are in good condition.

Cutting of fall rye and early-sown barley will commence this week in the Neepawa district of central Manitoba. Wheat is turning colour very quickly. Light yields are expected and hay and pasture are only average. Grasshopper damage has been light in most areas. Moisture is in very short supply in this district. Farther west at Shoal Lake, approximately three-quarters of an inch of rain was received last week and this has considerably improved crop conditions. Wheat is beginning to change colour and harden. Coarse grains are all headed and rye is beginning to ripen. Haying operations are progressing favourably and gardens and pastures are good.

In northern Manitoba at Dauphin, there are good stands of cereal grains, mostly in head. Leaf rust is general throughout the district. Fall rye stands are heavy and are ripening fast. There are also excellent stands of sweet and red clover. Haying is 75 per cent completed, with above-average yields and quality. Summerfallows are in good condition. Our correspondent at Swan River reports that wheat is 80 per cent in head, barley 50 per cent and oats 25 per cent. Some late-sown crops are poor but generally speaking crops are good throughout the district. Rye is turning colour but none has been swathed to date. Haying is 75 per cent completed and yields are good.

The Entomological Laboratory at Winnipeg reports a second brood of beet webworms is commencing to attack sugar beets and control measures are necessary. Grasshopper population has been reduced by disease in the Carman and Graysville area. The Hail Underwriters' Association reports the following hailstorms in Manitoba: July 14 - Rosenfeld, McTavish and Beauséjour (light), Napinka area (light); July 21 - Reston, Tilston and Sinclair area (light).

Average precipitation for the province since April 1 has been 0.4 per cent above normal compared with 3 per cent below normal a week ago, 1 per cent above normal two weeks ago and 25 per cent below normal a year ago. Mean temperature for the week ending July 27, 1959 was 3.3 degrees above normal compared with 5.1 degrees above normal a week ago, 1.9 degrees below normal two weeks ago and 2.8 degrees above normal for the week ending July 26, 1958.

SASKATCHEWAN

Extremely high temperatures during the past week have resulted in a decline in crop prospects in Saskatchewan, particularly in the northwest part of the province. Across the south and central part scattered showers prevented any significant deterioration but immediate rains are required to check a rapid decline at points where no precipitation has been received. In the east-central and northeastern districts prospects remain good. Due to lack of moisture reserves and continued drought, prospects are poor for the greater part of the west-central region. Conditions, however, remain favourable in the Kindersley-Rosetown area. Immediate rains are required to maintain conditions and ensure proper filling in most districts.

In the Yellow Grass district in the southeast part of the province crops are poor; moisture is inadequate and was received too late and at the improper intervals. Excessive heat is causing damage and second growth is evident in most crops. Yields are expected to be from fair to very poor. In the Fillmore district, however, recent rains are keeping most crops somewhat above average. There was some burning of wheat, oats and barley before the rains. A hail storm which went through the district a week ago caused extensive damage. Early fields of wheat and oats are filling well. Weed growth is vigorous. Haying is half completed. The potato crop is excellent.

According to the Experimental Farm at Indian Head extreme heat during the past weekend made crops start to turn colour, and early crops will be ready for swathing in a week's time. Heads are filling well and generally yields of wheat will be variable with the range between 10 and 25 bushels per acre. One more good rain will be required to properly fill the crop. Pastures are holding up well and livestock are in good condition.

In the southwest part of the province around Gravelbourg crops suffered from excessive heat during the past week and yields will no doubt be reduced as a result. Some showers ten days ago will help to fill out most crops. The barley stand is generally very good. Swathing of some fields will begin in about ten days. Overall prospects are still good. The Experimental Farm at Swift Current reports that all crops are making good growth. Wheat is fully headed and it is estimated that yields will be about average. Coarse grains have made excellent growth and this should help the feed situation. Pastures are in good condition, and dry land hay crops are being harvested. Around Big Beaver in the extreme south-central part of the province crops have dropped an average of 8 to 10 bushels per acre due to six days of very hot dry weather. Crops have started to turn colour and the grain is beginning to shrink. There has been no grasshopper damage or hail, but the month of July has been very dry.

A big crop is in prospect for the Togo district in the east-central part of the province if no further deterioration takes place. The heat wave has hurt some stands on light land but the general picture is good. Some rain fell in the district last night and the temperature is cooler today. About three-quarters of the average yield in hay crop has been put up. The rye crop is well filled and fields of early wheat and barley are filling. Around Willowbrook crop conditions are also good and some rain last night brought relief from the 90 degree temperatures of the past week. Early-sown fields are beginning to turn and more rain is needed to fill heads properly. Harvesting of rye should begin in about two weeks. The hay harvest is about complete. Gardens are good. At Sturgis all grain is headed and crops are very good. Moisture conditions are also very good.

In the central part of the province around Drake early-sown grain is turning but suffered during last week's heat wave. Moisture is required now to ensure good filling. Flax is patchy. Haying operations are almost completed. The heavy rains on June 27 improved pastures immensely and cattle are doing well. The prospects are for an average crop given favourable weather during the next two weeks. At Saskatoon, the extremely hot dry weather during the past two weeks has caused crops to deteriorate rapidly.

In the Leader district in the west-central part of the province crops are developing favourably and above average yields are indicated. Early fields are turning colour and some fallrye has been swathed. Haying operations are in full swing and pastures are green. Around Rosetown the extreme heat is pushing crops to maturity and has cut yields. However, a good average crop at least is in prospect and if rains are received soon yields should be good. The flax crop looks promising. The Experimental Farm at Scott reports that all crops in the area are suffering from lack of moisture. Only 0.36 of an inch of rain has been received since the last report and this was soon depleted by high temperatures and wind. Some cereal crops are being cut for feed. Rapeseed and forage seed crops are poor. Early barley is beginning to ripen. There has been some beet webworm damage.

According to the Experimental Farm at Melfort in the northeast part of the province the crop outlook remains very good despite the hot dry weather of the past two weeks. All crops have headed and are making good progress. Haying operations are well advanced. Rye is nearing maturity and the prospects are for a good yield. There has been the occasional report of hail, but damage has been confined to small areas. All grains continue to make good progress in the Nipawin district but rain will be needed to ensure proper filling. Haying is about 80 per cent completed. Rapeseed and clover are about average. It looks as though crops in the district will be above average and there has been no damage from any source as yet. Harvesting should be general by August 20.

The Entomological Laboratory at Saskatoon reports that flax bore-worm infestations are appearing in west-central Saskatchewan and that a few light infestations of beet webworm have occurred in flax and alfalfa fields in central and southeastern Saskatchewan. The Saskatchewan Municipal Hail Insurance Association reports that during the afternoon of July 21 a series of hail storms occurred in practically all points from Weyburn east to the Manitoba boundary including: Creelman, Griffin, Fillmore, Talmage, Huntton, Stoughton, Heward, Kisbey, Arcola, Carlyle, Manor, Wauchope, Redvers, Benson, Lampman, Alameda, Alida, Storthoaks, Estevan. Losses from this storm are expected to be heavy.

Canadian Hail Underwriters' Association reports the following storms: July 13- Golden Prairie, Fox Valley area (light); Imperial, Stalwart area, Wolverine, Lake Lenore, (light); July 15 - Laird area (light), Kinistino area (medium); Ridgedale, Shipman (light); July 19 - Gull Lake, Antelope area (light); Wymark (medium); Burnham to Neidpath to Hodgeville to Coderre (medium); July 21 - Weyburn, Cedoux, Osage to Griffin, Fillmore and Creelman to Midale and Stoughton to Lampman, Carlyle and Wawota to Alida, Wauchope and Fairlight to Fertile, Antler and Maryfield (medium to heavy); July 27 - Candiac (medium), Tisdale (light).

Average precipitation for the province since April 1 has been 16 per cent below normal as compared with 15 per cent below normal a week ago, 11 per cent below normal two weeks ago and 37 per cent below normal a year ago. Mean temperature for the week ending July 27 was 6.2 degrees above normal compared with 5.2 degrees above normal a week ago, 0.4 of a degree below normal two weeks ago and 2.2 degrees above normal for the week ending July 28, 1958.

ALBERTA

High temperatures coupled with limited rainfall caused some crop deterioration in July in Alberta. However, rain received on July 27 relieved the situation in the west-central areas between Westlock and Calgary and extending in some measure to the eastern border. The southern part of the province is dry and a good crop is advancing too rapidly to obtain the best possible yield. Considerable drought damage has occurred in east-central areas. In most northern districts crops are developing favourably although rain has been spotty in the Peace River area. Crops throughout the province have been forced by the recent hot spell and are now well advanced.

In the Manyberries district all crops have headed. Wheat is from 24 to 36 inches, barley 18 to 24 inches and oats 24 inches in height. More rain is needed to fill crops. The third operation on summerfallow is 60 per cent completed. Range livestock and vegetation are in good condition.

South of Calgary crops generally are satisfactory and are making rapid growth, although in the eastern part crops in some districts are short and need moisture. Winter wheat is turning colour. Early potatoes are being marketed and the main crop is promising. Sugar beets are a little better than average. There has been a heavy demand for irrigation water during the past week. Haying is about completed in the Cardston area. Fall-sown grains are ripening quickly and will yield well. Spring crops need moisture. Pastures are fair.

It has been very hot at Brooks in the south-central part of the province but scattered showers during the past week greatly improved conditions. Most cereal crops are fair to good. A general rain yesterday accompanied by heavy winds may cause considerable lodging of irrigated grain crops. At Vulcan, heavy rains and high winds have lodged crops for miles around. The inch and a half of moisture was welcome. Some crops were turning colour due to lack of moisture. All crops are headed and well advanced with bumper yields assured, barring hail.

In the east-central part of the province around Hanna, the weather has been very hot and dry during the past two weeks and crops have been deteriorating. Some early fields on good summerfallow have withstood the dry weather very well. About half an inch of rain received yesterday afternoon will improve the moisture situation and help maintain yields.

Around Calgary the hot weather of the past few weeks has forced crops. About one inch of rain was received yesterday and this should provide sufficient moisture for proper filling of heads. Prospects remain very good. The hay crop is fair. The weather has been extremely hot during the past ten days in the Olds district and rain is required. About 50 per cent of all grains is headed.

In the Sedgewick district of central Alberta recent rains have improved crop conditions. Early-sown crops on summerfallow are good but late-sown and stubble crops are poor. Haying is in progress and yields are only fair. Pastures were very dry but will now improve. Hot, dry weather has prevailed in the Donalda area and this has burned some of the crop. Barley has suffered the most damage. However, nearly 2 inches of rain which fell recently should ensure good filling of heads and yields should be good.

Timely rains yesterday in the Red Deer area in the west-central part of the province prevented crop deterioration but hail damage was fairly extensive between Red Deer and Benalto. Haying is over 50 per cent completed and the quality is good with average yields. At Lacombe over half an inch of rain on July 20 and this coupled with more than 2 inches of rain which fell recently, should ensure sufficient moisture to finish ripening cereal crops. Hot, dry weather in the latter part of last week caused some deterioration of crops on light soil but the general outlook is now very satisfactory and grain crops are well advanced. At Eckville 2 inches of badly needed rain fell on July 27 and 28. Barley is fully headed and oats 80 per cent headed. Early-sown barley is beginning to turn. Crop prospects are 10 per cent above normal. About 20 per cent of the hay has been put up and the quality is good. Summerfallows are in good condition.

In the Vermilion district in the northeast part of the province all grain is headed but crops are poor due to drought. Crop conditions are rated as 50 per cent of normal and a lot of fields are burned brown from the continuous heat. Haying is well underway but hay crops are very light. At Edmonton, rains yesterday of approximately three-quarters of an inch have provided good moisture supplies and crop prospects are now good. Wheat, oats, and barley are almost completely headed. At Stony Plain, crops are progressing well throughout most of the district and the first cutting of a very good hay crop has been almost completed.

Optimum growing conditions still prevail at Bonnyville in the northeast part of the province. Moisture supplies are excellent and all crops are most promising. A heavy hay crop was put up in top condition. At Athabasca only local showers were received during the past week but crops are doing well and the indications are for a bumper yield. Haying is completed. Crops are also in good condition in the Colinton area but could stand some rain to ensure proper filling. Barley is starting to turn colour and some harvesting may be started in about two weeks time. The hay was put up in good condition and yields were satisfactory.

In the Peace River district at Beaverlodge only widely scattered showers have been received and most areas are very dry. Barley fields are turning colour, and most crops are being affected by drought. Swathing of fescue crops is general. At Falher showery weather has benefited all crops. Grains are headed and filling out nicely. Moisture reserves are scanty but further shower activity is all that is required to ensure average yields. The small supply of hay was stored in good condition.

The Alberta Hail Insurance Board reports that small areas were damaged by hail on July 19 at Thelma, Irvine and Schuler near the Saskatchewan border. Severe storms on July 20 caused varying damage in strips twelve miles long and three miles wide through Parkland and five miles wide through Stavely and Retlaw and in small areas at Milk River, Coalvale, Kirkcaldy, Aldersyde, De Winton, Midnapore, Olds and Forestburg.

Average precipitation for the province since April 1 has been 13 per cent below normal compared with 12 per cent below normal a week ago, 6 per cent below normal two weeks ago and 18 per cent below normal a year ago. Mean temperature for the week ending July 27 was 5.4 degrees above normal compared with 3.5 degrees above normal a week ago, 1.5 degrees above normal two weeks ago, and 0.9 of a degree above normal for the week ending July 28, 1958.

BRITISH COLUMBIA

Variable weather ranging from hot to cool with some showers is reported from the Victoria region of British Columbia. Most hay is now stored while the second silage crop on irrigated land is being harvested. Non-irrigated pasture land is dry. A good loganberry crop is at its peak and early apples are being harvested. Hot and dry weather in the West Kootenay region has quickened maturing of cereal grain crops and seed peas but will reduce yields of second cuts of alfalfa and pasture unless rain is received in the near future. Raspberries are being harvested and higher than average yields and quality are anticipated.

In the South Okanagan Valley cherry picking is finished. Fresh-market apricots approach harvest peak while canning apricots have just started. Early peaches are expected to commence in about a week. Quality of the fruit crop is very good this year. Fall grains are ripening well and some early potatoes are being harvested in the North Okanagan Valley. Silage crops are underway and a second cut of alfalfa is being harvested in the irrigated areas. Fire hazard is high on forest range.

Good pastures and excellent second-crop hay are reported from the Lower Fraser Valley. Very good corn and pole bean crops are anticipated. The raspberry harvest has just concluded with a short picking season. Sprinkler irrigation is underway in most areas. In the Peace River Block, all cereal crops are headed with good yields expected. Fescue and hay crops are being harvested. Hay and pasture crops are fair and no hail damage has been reported.

According to the Entomological report from Kamloops, grasshopper control is nearly completed and no other serious insect infestation is expected.

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.	
		July 27,1959	April 1	April 1	July 27 1959	Normal
		- inches -			- degrees F. -	
MANITOBA						
1	Pierson	.74	6.57	8.67	69	66
	Melita	1.39	7.99	9.53	70	67
	Waskada	N.R.	6.25 ^{2/}	9.06	N.R.	66
2	Boissevain	.47	9.14	8.68	69	66
	Deerwood	N.R.	7.37 ^{2/}	8.83	N.R.	66
	Ninette	.35	6.97	9.26	68	67
	Pilot Mound	.66	10.04	8.89	68	65
3	Portage la Prairie	2.77	12.07	8.84	70	65
	Graysville	.88	9.19	8.56	68	67
	Morden	.85	9.43	9.07	70	67
	Altona	.63	9.64	8.41	69	66
	Morris	.43	9.83	7.84	70	67
	Roland	.99	8.00	8.58	68	67
	Gretna	.25	8.95	8.41	68	67
	Emerson	.30	9.94	8.40	70	67
4	Winnipeg	1.03	11.20	8.22	69	67
6	Sprague	.32	10.20	9.16	68	65
	Seven Sisters Falls	1.14	7.95	7.68	69	65
	Steinbach	.58	11.93	8.58	69	67
7	Virden	1.41	5.94	8.22	70	64
	Reston	1.38	5.28	8.73	69	65
	Rivers	1.04	5.87	9.89	69	64
8	Brandon	1.32	7.44	9.37	68	65
	Cypress River	.79	9.41	8.65	69	66
9	Neepawa	.94	6.44	8.50	67	64
	Grass River	.67	7.41	8.97	68	63
10	Russell	.27	6.05	7.88	67	63
	Rosburn	.53	9.94	7.98	68	63
	Birtle	.82	9.06	8.38	67	63
11	Dauphin	.29	9.38	8.12	69	64
12	Gimli	.72	9.69	8.68	69	65
13	Swan River	.60	7.89	7.79	69	63
	The Pas	.88	7.55	6.66	68	65
MANITOBA AVERAGE		.82	8.59	8.56	68.7	65.4
SASKATCHEWAN						
1A	Estevan	.08	7.32	8.58	73	65
	Carlyle	.06	3.60	8.26	68	63
	Oxbow	.79	5.08	8.63	74	65
	Willmar	.68	4.95	8.09	N.R.	N.R.
1B	Broadview	.33	6.50	8.27	68	64
	Moosomin	1.40	5.64	8.86	70	66

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. July 27, 1959	since April 1	since April 1	July 27 1959	Normal
			- inches -		- degrees F. -	
SASKATCHEWAN (continued)						
2A	Yellow Grass	.46	5.54	7.78	61	65
	Greelman	.83	6.35	7.75	70	66
	Weyburn	.40	5.83	7.87	72	65
	Midale	.02	6.69	7.57	72	65
2B	Moose Jaw	.34	5.48	7.13	73	66
	Regina	.22	6.59	7.47	72	65
	Francis	.19	4.23	6.84	72	65
	Qu'Appelle	.51	7.22	8.14	69	65
	Indian Head	.42	7.07	7.50	70	64
	Wilcox	.54	5.73	7.61	71	64
3AS	Assiniboia	.07	5.92	7.47	74	65
	Ormiston	.26	4.38	7.71	73	65
	Readlyn	.16	5.19	7.71	73	65
	Minton	N.R.	6.66 ^{2/}	8.37	N.R.	65
	Cardross	.63	5.34	7.71	73	64
	Ceylon	.11	7.04	8.57	73	66
3AN	Chaplin	.28	7.87	6.50	72	64
	Gravelbourg	.34	7.41	7.39	72	65
	Coderre	.38	6.31	7.17	73	65
3BS	Shaunavon	.28	8.30	6.78	71	64
	Cadillac	N.R.	4.87 ^{2/}	7.20	N.R.	64
	Pambrun	.42	5.91	7.57	72	64
	Aneroid	.14	5.48	6.80	73	64
	Instow	.24	9.03 ^{2/}	6.80	70	63
3BN	Pennant	NIL	7.07	6.66	N.R.	65
	Swift Current	.51	9.26	7.30	71	65
	Hodgeville	N.R.	5.47 ^{2/}	7.45	N.R.	65
	Hughton	.25	6.57	6.11	72	64
4A	Maple Creek	N.R.	5.89 ^{2/}	6.65	N.R.	65
	Consul	.15	4.45	5.99	72	62
5A	Cupar	.14	5.67 ^{2/}	6.91	71	63
	Leross	N.R.	2.98 ^{2/}	7.46	N.R.	63
	Melville	.19	7.89	7.38	69	63
	Yorkton	.17	8.65	7.65	69	62
	Bangor	.29	7.59	7.65	70	62
	Dafoe	.09	6.70	7.70	68	62
5B	Foam Lake	.05	5.50	7.74	70	62
	Lintlaw	.01	6.11	7.77	66	61
	Kamsack	.20	7.39	7.41	69	64
	Arran	1.41	8.09	7.41	66	64
	Pelly	N.R.	6.56 ^{2/}	7.60	N.R.	64
	Davidson	NIL	6.14	6.82	71	64
6A	Dilke	N.R.	5.01 ^{2/}	6.16	N.R.	N.R.

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

Province and Crop District	Station	Precipitation			Mean Temperature		
		Week ending 8 a.m. July 27, 1959	Total since April 1	Normal since April 1	Week ending 8 a.m. July 27 1959	Normal	
		- inches -			- degrees F. -		
SASKATCHEWAN (concluded)							
6A	Imperial	N.R.	6.51 ^{2/}	6.75	N.R.	63	
	Semans	NIL	4.57	6.13	69	63	
	Strasbourg	.24	5.91	7.02	70	63	
	Watrous	.29	6.89	6.45	69	64	
6B	Harris	.48	3.77 ^{2/}	6.36	71	64	
	Outlook	.52	6.18	6.00	67	64	
	Saskatoon	.20	3.94	7.16	70	63	
	Elbow	.12	8.87 ^{2/}	6.19	71	65	
	Tugaske	.32	7.08	6.82	72	65	
	Dundurn	.32	4.65	6.45	73	64	
	Rosthern	.14	2.97	7.05	69	64	
	Kindersley	.56	4.19	5.90	70	63	
7A	Rosetown	.19	6.11	6.92	72	63	
	Macklin	.46	4.43	6.56	67	60	
7B	Scott	.37	4.36	6.55	69	62	
	Biggar	.68	5.12	6.64	72	63	
8A	Hudson Bay	.28	7.02	7.72	68	63	
	Prairie River	.10	8.07	7.47	66	63	
8B	Humboldt	.23	5.34	6.68	68	63	
	Melfort	Trace	7.54	7.02	67	64	
9A	North Battleford	.47	4.21	6.39	71	65	
	Victoire	NIL	4.37	6.56	66	63	
	Prince Albert	.01	3.72	7.26	67	64	
	Island Falls	.25	6.17	6.97	68	65	
9B	Waseca	.38	5.94	6.72	67	62	
	St. Walburg	.50	6.44	6.93	67	61	
SASKATCHEWAN AVERAGE		.32	6.03	7.21	70.1	63.9	
ALBERTA							
1	Bindloss	N.R.	4.59 ^{2/}	5.11	N.R.	68	
	Empress	.59	4.72	4.64	73	70	
	Excel	.52	6.59	6.05	72	64	
	Foremost	.02	5.62	6.89	74	69	
	Hanna	.26	5.08	6.72	71	66	
	Manyberries	NIL	5.58 ^{2/}	5.60	74	69	
	Medicine Hat	.33	4.94	6.00	75	69	
	Naco	.83	4.53	5.78	70	65	
	Oyen	.50	4.88	5.60	N.R.	N.R.	
	Winnifred	.50	5.55	5.88	N.R.	N.R.	
	2	Brooks	.46	4.52	5.83	71	69
		Drumheller	.26	4.65	6.49	74	69
Gleichen		.98	8.49	7.03	70	63	



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

Province and Crop District	Station	Precipitation			Mean Temperature		
		Week ending	Total	Normal	Week ending 8 a.m.		
		8 a.m.	since	since	July 27		
		July 27, 1959	April 1	April 1	1959	Normal	
		- inches -			- degrees F. -		
ALBERTA (concluded)							
2	Hays	.48	6.09	5.99	74	68	
	Hussar	.19	6.53	6.85	N.R.	N.R.	
	Raymond	.04	8.51	7.72	71	66	
	Lethbridge	.23	8.36	7.82	74	66	
	Strathmore	N.R.	6.77 ^{2/}	7.61	N.R.	62	
	Taber	.35	8.35	6.60	73	68	
	Three Hills	.34	6.06	7.36	69	61	
	Trochu	.05	5.89	7.97	69	61	
	Vauxhall	.76	6.72	5.94	73	68	
	Vulcan	N.R.	9.95 ^{2/}	7.22	N.R.	62	
3	Calgary	.58	8.10	8.75	69	63	
	Cardston	NIL	7.92	8.50	71	66	
	Cowley	.17	9.00	8.55	69	62	
	Fort MacLeod	.20	8.57	8.44	72	67	
	High River	.27	8.67 ^{2/}	9.56	68	62	
	Magrath	.03	6.40	8.32	67	66	
	Olds	.31	7.91	8.69	69	60	
	Alliance	.88	4.80	7.84	68	62	
	Camrose	N.R.	4.88 ^{2/}	7.33	N.R.	61	
	Coronation	.15	3.80	7.10	69	63	
4	Hardisty	.40	3.65	6.85	71	N.R.	
	Hughenden	N.R.	3.95 ^{2/}	6.95	N.R.	67	
	Lloydminster	.29	5.22	6.73	69	62	
	Stettler	.27	4.96	8.27	71	61	
	Vegreville	.19	5.00	7.04	69	61	
	Vermilion	.19	3.74	7.30	70	61	
	Edmonton	.53	6.33	8.50	70	62	
	Lacombe	.58	6.18	8.97	68	61	
	Red Deer	.87	7.41	8.44	69	60	
	Rocky Mountain House	.07	9.75	11.06	66	60	
5	Wetaskiwin	.48	6.12	8.38	70	62	
	Athabasca	.32	5.93	7.43	66	61	
	Campsie	.44	6.90	8.78	61	61	
	Edson	.65	8.03	9.21	62	59	
	Elk Point	.25	5.70	7.24	66	62	
	Embarras	.54	9.58	5.05	65	63	
	Lac la Biche	.38	7.28	7.51	66	61	
	Whitecourt	1.45	8.10	9.42	63	61	
	Beaverlodge	.35	6.04	6.38	63	61	
	Berwyn	N.R.	2.79 ^{2/}	6.09	N.R.	61	
6	Fairview	.20	6.34	6.63	65	61	
	Ft. Vermilion	N.R.	3.27 ^{2/}	5.21	N.R.	62	
	Grande Prairie	.40	4.41	6.50	65	61	
	High Prairie	.69	4.95	7.64	64	61	
	Rycroft	.03	4.93	6.31	63	61	
	Wagner	.14	5.51	6.78	64	62	
	ALBERTA AVERAGE		.38	6.29	7.23	68.9	63.5

N.R. - No report.

^{1/} Source: Meteorological Service of Canada.^{2/} Incomplete; not included in average.