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## TELEGRAPHIC CROP REPORT - CANADA

This is the fifth of the 1970 series of six telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the tenth of a series of eleven telegraphic reports on crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from the Federal and Provincial Departments of Agriculture, private crop observers and grain men supply the information on which these reports are based. The weather data included in this release are furnished by the Meteorological Division, Department of Transport.

### SUMMARY

Maritime Provinces. - In the Maritime Provinces warm, humid weather conditions have resulted in good growing conditions. Throughout Prince Edward Island, early-seeded grain crops are reasonably good but much of the crop that was seeded in late May and early June has been attacked by diseases and insects which will lower yields. Corn for silage has made excellent growth the past month and yields are promising. Pastures are in excellent condition due to an abundance of moisture and high temperatures. Nova Scotia reports that hot, humid conditions with adequate rainfall during the past three weeks have resulted in good growing weather. Silage corn is in very good condition. Combines have started harvesting grain and indications are that there will be good yields. Blueberry harvesting is in full swing but there are conflicting reports regarding yield. Haying is nearly completed and some farmers have taken a second cut. Pastures throughout the province are in good condition. Forage crops in New Brunswick continue to produce well under an abundance of moisture and high temperatures. Early-seeded cereals are being harvested with good yields being reported. The second cut of alfalfa is being harvested and fodder corn is filling satisfactorily. The tobacco crop in the eastern part of the province is now being harvested. The crop is well matured for this time of year.

Quebec. - Since the last report of July 22 temperatures have been higher than normal and very little rain has fallen except some toward the end of last week. As a result, soil moisture reserves are generally low. The first hay cut has finished with yields varying from average to good. The second cut has already started in several regions but dry conditions will adversely affect the yield. Cereal harvesting has started throughout the province and to the south of Montreal is about 90 per cent completed. Around Montreal and Western Quebec about 35 per cent has been finished while in other areas harvesting has just commenced. Although grain yields have varied from average to good and in many cases the quality will be lowered because of the heat. Harvesting of early potatoes is well advanced with generally good yields. Corn for grain is promising and the sugar beet crop looks good. Horticultural crops are slowly moving into the market with good yields. The strawberry crop was low especially around Quebec but the yield of raspberries has been about normal. Pastures and second growth of grass have been severely affected

Agriculture Division  
Crops Section

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by the dryness in most areas and in many cases it has been necessary to feed silage or concentrates. Milk production has remained about normal for this time of year. In the Lac St. Jean area the blueberry crop is about average with a slightly higher price prevailing this year.

Ontario. - The Ontario winter wheat crop has been harvested while harvesting of spring grain is now in progress. Showery weather during August caused interruptions in grain harvesting in many areas. Harvesting of the tobacco crop is under way with reports of good crops. Corn and soybean crops are progressing well. Second-cut hay has come off fields in very good condition. Pastures are reported to be in good condition in southern, western and parts of central Ontario, while the remaining counties in central, eastern and northern Ontario are in need of moisture.

Prairie Provinces. - Hot, dry weather conditions throughout most of the Prairie Provinces have rapidly matured crops and resulted in good harvesting conditions. Swathing is now general in most regions and it is expected that combining will be well under way during the first week of September. Crop yields are expected to be above average in most districts. Pastures are beginning to deteriorate due to the hot, dry weather.

#### BRITISH COLUMBIA

Continued warm and very dry weather over the entire southern half of the province has hastened maturity of all crops but quality and sizing generally has been adversely affected. At the Coast harvesting of average loganberry and blackberry crops is now completed with small sizing reported. Early potato harvesting is over and mid-season varieties are now coming off with generally good yields and quality. Fall planting of greenhouse tomatoes is completed. In the Interior the corn crop is at its peak with excellent quality and yield but tomato yields are reported to be low due to the prolonged drought. Cucumbers and peppers are past their peak and yields have been average to excellent in all areas. Picking of early Italian prunes has commenced and a fair peach harvest is now under way. Bartlett pears are showing up well. However, sizes tend to be small. Harvesting of Tydeman Red apples is now at a peak and McIntosh and Spartans are reported to be colouring satisfactorily. In the Peace River Block scattered rainfall has helped growth. Harvesting of early barley is almost completed and combining of wheat is expected to commence next week.

#### MARITIME PROVINCES

In the O'Leary area of Prince Edward Island an abundance of moisture received during the past two weeks is aiding pastures but has caused lodging in oats. Grain crops are ripening and some farmers are harvesting with average to good yields being reported. Silage corn is in very good condition due to the warmer than usual summer. Good quality hay crops were harvested this year. Early-seeded grain crops are in reasonably good condition around Charlottetown but insects and diseases have been a problem. Corn for silage has made excellent growth over the past month. New-seeded and aftermath pastures are in excellent condition due to a plentiful moisture supply and high temperatures.

Around Amherst, Nova Scotia the grain harvest has just commenced but farmers are being hampered by wet weather. Indications are that there will be a good grain yield. Blueberry harvesting is in full swing. Silage corn looks very good and shows good maturity for this time of year. Haying is nearly completed and in some cases farmers have taken a second cut. In central Nova Scotia around Truro heavy rains



during last week provided needed moisture. Winter cereals have mostly been harvested and prospects for other grain crops are excellent. Above average hay yields were reported this year. The blueberry crop is now being harvested with good quality but yields appear to be below expectation. Pastures are in good condition. The corn crop also appears to be very good. In eastern Nova Scotia haying operations are now completed and a number of farmers have harvested the second cut of alfalfa. Vegetables are showing up in increased quantities on local markets, particularly cabbage and lettuce. However, early cabbage offerings are relatively small compared to last year. Prices for local produce are holding up well. The Annapolis Valley region reports that crops look good. A good percentage of the winter cereals has been harvested with average yields being reported. Farmers are now harvesting barley and oats. Canning crops of peas are now completed with good yields. Processors are now harvesting beans with good yields also being reported. The tobacco harvest is under way but indications are that yields will be down. Pastures are in good condition. The corn crop is in excellent condition and weather conditions in the Valley have been favourable for apple growth. To date there have been no serious problems with insects and diseases. Vegetable crops look good.

In the Fredericton region of New Brunswick forage crops continue to produce well due to an abundance of moisture and high temperatures. A second cut of alfalfa is being harvested and fodder corn is filling satisfactorily. Early-seeded cereal crops are being harvested with good yields reported. In the eastern part of the province the tobacco crop is being harvested. The crop is well matured for this time of the harvesting season. In the area around Perth grain harvesting is in progress under ideal weather conditions and average yields are being reported. The early potato harvest is progressing favourably and the late crop is being top killed in preparation for harvest due in about two weeks. The crop is sizing well under good growing conditions.

#### QUEBEC

Around Lennoxville the hot, dry weather which prevailed until mid-August was followed by heavy showers on August 22 and 23 when precipitation amounted to .86 inch. Soil moisture is less than normal. Harvesting of cereals is 25 per cent completed with little loss from shattering. Pastures are in satisfactory condition but second growth of grass is poor.

At La Pocatière high temperatures and dry conditions from the end of July have advanced cereals on the lighter soils. It is expected that yields will be about 15 per cent below normal. Pastures and aftermath are generally poor due to the dry condition although recent rains have proved beneficial. The hay crop is about 15 per cent below normal but of good quality. It is expected that the potato yields will be less than usual. Harvesting of cereals should become general about September 10.

#### ONTARIO

In Essex county of southern Ontario harvesting of processing tomatoes is reaching its peak and yields are reported to be good. Picking of cucumbers is also finished and the crop was heavy. Corn and soybeans are maturing well and harvesting of peaches and tobacco is well under way. Harvesting of winter wheat and spring grains has been completed and yields were good. Some full-season crops suffered somewhat from a lack of moisture in August. In Kent county all crops remain in good to excellent condition but rain is needed. Tomato harvesting is at its peak but tobacco is retarded somewhat due to the dry weather. Corn blight is present in the area but it is not considered serious enough to cause any significant yield reductions.

Soybeans look very promising. The second generation of corn borer moths has been very heavy, while aphids and leafhoppers are also plentiful. In Middlesex county harvesting conditions have been excellent although rain is now needed. Grain corn is beginning to enter the dent stage. In Norfolk county the dry weather has been affecting all crops. Harvesting of spring grains is nearly completed and good to excellent yields are reported. Picking of tobacco is about half over and yields for this crop are also good. Yields of some second-cut hay however have been light. Processing tomatoes are moving to market and outturns for this crop are variable. Silo filling will begin in about two weeks. Heavy rains in Lincoln county during the past ten days have improved growth of corn, processing tomatoes and cole crops as well as the sizing of fruit. Picking of Jubilee peaches is now under way. Red mites and pear psylla have caused unusually heavy damage to pears during late July and early August. Insects and diseases in other fruits have been generally well controlled.

In Waterloo county of western Ontario harvesting of winter wheat and spring grains is now completed and excellent yields were reported. Harvesting of second-crop hay is now in progress. In most areas of the county moisture supplies are adequate and the corn crop is developing well. Some post-harvest ploughing is now being done. Harvesting of spring grains is about 75 per cent completed in Halton county and yields were slightly above average and quality good. The corn crop is maturing rapidly and prospects look very good. Considerable second-crop hay has been harvested and pasture conditions are above average.

In Peterborough county of central Ontario harvesting of spring grains is about 80 per cent completed and yields were above average, especially for barley. Early-seeded corn is now being chopped for silage due to the drought as most areas received only .25 inch of rain. The second-crop hay harvest has been excellent. Pastures are very dry and grain corn yield prospects have been reduced drastically.

In eastern Ontario a report from Leeds county indicates that grain crops are yielding well and the quality is better than average. Soil moisture conditions are adequate and frequent showers have maintained growth of the corn crop. Cobs are now filling and above average yields are expected.

A report from the Experimental Farm at Kapuskasing indicates that precipitation has been a little below average with temperatures slightly above normal. Barley is presently being cut and oats will be ready in a few days. Yields appear to be about average. In contrast to the last few years there was practically no lodging in grain crops this year. Yields of first-cut hay were average but the quality was very good due to the excellent harvesting conditions. Hot, dry weather during the early part of the month has retarded growth of second-crop hay while pastures are in fair condition except those where no fertilizer was applied. In the Thunder Bay district some spring grain has been harvested with about average yields reported. However, much of the spring-seeded grain crop is expected to be light due to the dry weather. Yields of early potatoes were average while late potatoes are suffering badly from lack of rain. Pastures are seriously in need of more moisture.

Manitoba. - Swathing is general in the central Interlake and western districts of Manitoba. Barley crops are light in weight, yielding 30 to 40 bushels per acre and rapeseed is yielding about 20 bushels per acre. Hot, dry weather and rust has affected yields but prospects are still good as recent showers and cooler weather have improved conditions. Late crops, particularly in the Red River Valley, need more rain and a few more weeks to mature. Sunflower and buckwheat crops look very promising. Frost damage has been light and second-cut hay crops are below average.



Cooler weather and light rain at Vita have stopped crops and pastures from deteriorating. Many fields have been seriously hit by rust and have been cut for green feed. Swathing and combining have started with light yields being reported. More rain is required to help fill crops. At Morden swathing of cereals is 25 per cent completed. Five per cent of the cereals, mainly barley, has been combined with yields varying from 25 to 45 bushels per acre. Uneven ripening is evident in flax and late-seeded cereals due to drought. Late-seeded oats and wheat are showing considerable leaf rust damage. The harvesting of canning corn in the Winkler area is well under way.

In south-central Manitoba at Pilot Mound early-seeded crops are being harvested with barley samples slightly underweight. Oats and wheat crops are variable in yield and quality. Another shower would be desirable for late crops now filling. Hay yields are good. At Somerset harvesting is advancing rapidly due to dry conditions. Barley crops are light averaging 35 to 40 bushels per acre. Early rapeseed and flax is being swathed and good yields are expected. Aphids are a problem on later crops. Second-cut haying operations are progressing favourably with yields lower than the first crop. In the Melita area harvesting of rye is 90 per cent completed, wheat, oats and barley are 50 per cent completed, and flax 15 per cent. More rain is required for late crops as there has been no precipitation to date in August. In general, the crop outlook varies from average to below average.

North of Winnipeg in the Selkirk area harvesting of cereal crops has started. Swathing is well under way and some of the early crops have been combined. Rye crops have yielded approximately 25 bushels per acre. The second cut of hay is almost completed and yields are down as a result of the dry weather. Aphids are quite common on the late cereal crops but damage is slight. At Stonewall the continuing dry weather conditions are causing early maturity of crops. Swathing is general with combining expected next week. Grades of cereals will be lower due to heat and drought. Pastures are dry but livestock are in good condition. In the Portage la Prairie area swathing of early-seeded oats, barley, peas and rapeseed is general. Small acreages of oats and peas have been threshed with pea samples showing many split and cracked seeds. Barley and oats samples are light. Most Echo rapeseed crops are swathed and Target rapeseed will reach the swathing stage towards the end of the week. Uneven ripening of these crops is common due to poor moisture conditions. Crops are maturing very quickly and pastures are dry.

In the Brandon area swathing is general and considerable barley acreage has been combined. Samples are light and show lack of filling due to high temperatures and lack of rain. Additional rain would be beneficial for pastures and crops that are still standing. Grain yields are expected to be slightly above average. Barley is the predominant crop in the area and is expected to average at least 40 bushels per acre. At Virden crops are ripening quickly and combining of oats and barley has commenced. Swathing of rapeseed and coarse grains is general. Little rainfall has been received in August but good yields are expected. Haying operations are nearing completion in most areas.

At Arborg in the Interlake region hot, dry weather with several light showers has been experienced. Daytime temperatures have been running in the mid-seventies with an evening low of 50 degrees. Combining of oats and barley is general in the area and swathing is continuing this week. The majority of the rye crop has been threshed. Yields of early-seeded oats and barley are good but barley samples are on the light side, running 44 to 46 pounds per bushel. Oat samples are good but the prospects for later-seeded crops are not yet known.

In west-central Manitoba at Neepawa one-quarter to one-half inch of rain received during the past week will help fill late crops but has delayed harvesting.

Harvesting of rye is virtually completed with average yields of 25 bushels per acre and Grade 3 C.W. Twenty per cent of the barley, oats and rapeseed crops has been swathed and 5 per cent has been threshed. Pastures are holding well despite the hot, dry season. In the Minnedosa area rye yields vary from 30 to 50 bushels per acre. Swathing of barley and rapeseed is general and a few fields of early wheat have also been swathed. Hot, dry weather has reduced yields and quality of early barley and rapeseed. Crop prospects are generally very good but pastures and later crops still need more rain. At Shoal Lake the combining of fall rye is 85 per cent completed. The swathing of wheat, oats and barley is 10 to 40 per cent completed and combining is 5 per cent completed. Frost damage has been limited to low-lying gardens. Four-tenths of an inch of rain was reported last week.

At Dauphin in northwestern Manitoba crops are average and are now being swathed. Hot, dry weather has lowered yields and grades. Wheat is grading No. 3 and barley samples weigh 45 pounds per bushel. Second-cut alfalfa crops were good while pastures are poor to fair. Additional rainfall is required. In the Swan River area harvesting of fall rye is 80 per cent completed with average yields and very good quality. Rapeseed yields to date appear low and barley samples are light with average yields. Harvesting of most crops is now general with the exception of wheat and flax.

The unweighted average precipitation for the province since April 1 has been 7 per cent above normal compared with 19 per cent above normal a week ago, 25 per cent above normal two weeks ago and two per cent above normal a year ago. Mean temperature for the week ending August 24, 1970 was 0.6 degree below normal in contrast to 3.5 degrees above normal a week ago, 4.1 degrees above normal two weeks ago, and 8.1 degrees above normal for the week ending August 25, 1969.

#### SASKATCHEWAN

Harvesting is now well under way in many districts in Saskatchewan and swathing has become general. Crops ripened rapidly and are reaching maturity owing to the previous hot, dry weather. Crop development is normal for this time of year and is rated very uniform across the province. Approximately 10 per cent of the rape and barley has been combined, and combining of wheat is common in the extreme southwest of the province, with scattered fields harvested elsewhere. Our correspondent reports that average yields are currently running 25 bushels per acre for wheat, 50 bushels for oats, 40 bushels for barley, flax at 18, rapeseed at 23, and mustard seed at 1,075 pounds per acre. Weather continues hot and dry throughout the province and surface soil has dried out completely in many areas. The first frost on August 20 did very little damage, and, apart from some shrivelling of kernels due to intense heat, most grains will have good weight.

In the southeast part of the province at Willmar most of the fall rye crop has been harvested and some swathing has taken place on other grains. Yields will be below earlier expectations, on account of the extreme dryness at the head-filling stage of development. Some ergot has shown up in grain samples. Over ten inches of rain has been received in the area since April 1, although none has been received since August 1. As a consequence, pastures and forage crops are suffering from lack of moisture.

In the vicinity of Big Beaver in south-central Saskatchewan swathing of crops has now become general and the oats have been threshed with yields of 60 bushels per acre. Wheat is expected to average 20 bushels. Approximately 5,000 acres of wheat in the area have been destroyed by hail. Summerfallow fields are in good condition but weeds will again become a problem if rain is received during the harvest period.



The hay crop was very good and livestock are doing well. Eleven and one-half inches of rain have been received since April 1. Continuous warm weather at Gravelbourg has advanced crops considerably. However, some reduction in yield is expected due to dry conditions. Barley is yielding 45 to 50 bushels per acre with 75 per cent harvested. Some shattering of barley has occurred, due to high winds, and this has prompted farmers to swath earlier than normal. Spring wheat is now being swathed with odd fields being combined, giving average yields of about 25 bushels per acre. Flax is maturing fast and yields of 10 to 15 bushels per acre are expected. Harvesting of oats is 80 per cent completed with yields ranging from 75 to 85 bushels. No rain has been reported in the area for the past month.

In the southwest part of the province at Swift Current the fall rye harvest has been completed. Swathing of spring cereals and flaxseed is general and combining has started. Normal maturity of the flax crop has been affected by insufficient moisture supplies.

In east-central Saskatchewan around Melville some of the barley and oats have been harvested to date. A few rapeseed fields have been combined. Swathing of other grains is now general in the district, and harvest operations should be in full swing by the end of the month. Barley samples show signs of heat damage from previous hot, dry winds. However, barley yields are reported to be good on summerfallow land.

In central Saskatchewan at Craik high temperatures over the past few weeks have taken their toll on crops. Damage by the sawfly will be a degrading factor. The rye crop has been good with yields averaging 30 bushels per acre. Early barley is running at 50 bushels and some oats have been harvested at 70 bushels per acre. The baled hay crop has been put up in good condition and pastures at present are dry. Farther north at Saskatoon harvesting is now general with rapeseed, wheat and coarse grains being swathed, and some rapeseed and barley already combined. Rapeseed is yielding to 25 bushels per acre and barley to 50 bushels per acre. Harvesting weather has been excellent. However, late-seeded crops will not yield as well due to the previous dry conditions. Summerfallows are in good condition.

In the northeast part of the province at Melfort continued hot, dry weather has rapidly ripened crops, particularly during the past week. Somewhat lower than normal yields are expected on early-seeded Polish type rapeseed. Leaf disease on rapeseed is being encountered more frequently. Early-seeded barley that has been combined is ranging in yield from 50 to 80 bushels per acre. The large yield increases are taking place on fields that have been fertilized. Hay yields have been generally high. Pastures are drying and could use a good rain.

The Saskatchewan Municipal Hail Association reports the following hail storms since the last report: August 8 - Insinger, Watrous, Imperial, Young, Watson and Melfort; August 11 - Zenon Park, Arborfield; August 13 - Gronlid.

The unweighted average precipitation for the province since April 1 has been 19 per cent above normal, compared with 24 per cent above normal a week ago, 30 per cent above normal two weeks ago, and in contrast to 15 per cent below normal a year ago. Mean temperature for the week ending August 24 was 1.1 degrees above normal, compared with 3.5 degrees above normal a week ago, 6.7 degrees above normal two weeks ago, and 9.0 degrees above normal for the week ending August 25, 1969.

ALBERTA

Generally favourable weather conditions prevail as Alberta farmers start the 1970 harvest. The hot, dry weather in recent weeks has ripened crops quickly and is bringing them rapidly to maturity. Indications now are that the harvest will be early. Some shrivelling of kernels has been reported from central areas but damage is not significant. Harvesting is now general in much of southern and east-central Alberta and in the Grande Prairie and Beaverlodge area. Harvesting should become general in other areas between now and early September. Threshing of barley is most advanced at 10 per cent with wheat and rapeseed at 7 per cent and oats and flax less than 5 per cent combined for the province. Pastures and hay crops are excellent and cattle should enter the winter in excellent condition.

In southwestern Alberta around Lethbridge harvest conditions are reported as excellent. The winter wheat harvest is now completed and other cereals are now 80 per cent swathed. Harvesting of rapeseed crops is nearing completion and yields are reported as fair to good. Harvesting of flax crops is just beginning. Canning peas and green beans have now been harvested and the corn crop is now 10 per cent completed with yield and quality estimated as good. In the Claresholm area the weather has been warm and dry and swathing of all grains is general. There has been some loss of weight in grain and yields are just fair. A rainfall at this time would be of little use except in improving pasture conditions.

In south-central Alberta in the Vulcan area the continuing hot weather has resulted in early ripening of all grains. Swathing and combining are general in all areas with favourable yields reported. The grain that has been harvested so far appears to be of very high quality. More rain will be needed before fall grain crops can be sown.

In the southwest-central region our correspondent at Calgary reports that the recent hot weather has continued to mature all crops. Swathing of early barley crops is now completed and swathing of other grains will be started in a week to ten days if the weather remains warm.

In the Vermilion area of northeast-central Alberta swathing is now general in all crops. Rapeseed and barley are now being combined and are showing some very good yields. All crops are ripening very fast which will result in an early harvest if present weather conditions hold. All indications point to a better than average yield for wheat crops.

In the northwest-central region around Stony Plain the late maturity of cereal crops is delaying harvesting operations. The risk of frost is the problem now facing farmers and continuing hot, dry weather is needed to hasten ripening. Moisture supplies are variable with the eastern end of the county having adequate supplies while the western end is very dry. Pastures are in good condition and feed supplies are excellent.

Around Red Deer in west-central Alberta swathing is now general and combining is about 75 per cent under way. Weed problems, especially wild oats, are quite evident in the crop. Bushel weight seems to be lighter than last year. Crops vary widely between excellent and poor in all areas. In the Lacombe area the soil is very dry and some later crops are burning. Harvesting is now general with swathing 30 per cent completed.



In north-central Alberta our correspondent at Colinton reports that all crops are turning very rapidly as the hot weather continues. Some swathing of barley and rapeseed has been done and if the weather holds swathing of all crops should be general next week. Some barley and rapeseed fields have been harvested and rapeseed is grading No. 1 with reported yields in the 15 to 20 bushels per acre range. The barley appears to be weathered quite badly and will likely grade No. 1 Feed or lower. Reported yields in barley crops run between 35 and 40 bushels per acre. Forage stands are ripening quite rapidly and these should be swathed around September 1. The first cutting of hay which was delayed due to wet weather in July is now completed. Some farmers who made their cutting earlier are now starting on the second cut. Pastures are adequate to meet the demand as moisture is high and grazed areas are recovering very quickly.

In the Peace River District around Beaverlodge threshing of barley, early oats and some rapeseed is now in progress. Some legume seed crops have been swathed and swathing of wheat should be general by the weekend. Some severe rot damage has been reported in winter wheat. Barley is grading No. 1 Feed and 3 C.W. with yields running below normal. Oats are expected to average 30 bushels per acre with grades of No. 1 Feed and better. Rapeseed quality is good but yields are expected to run around 8 bushels per acre. Harvesting of all crops is some two to three weeks earlier than normal and unless delayed by wet weather should be nearing completion by Labour Day.

The Alberta Hail and Crop Insurance Corporation reports that August 11 was the only day on which hail of any significance fell in Alberta during the past two weeks. A storm which developed ten miles west of Forestburg moved in a northeasterly direction leaving moderate damage in a pocket six miles north of Forestburg and in a strip from three miles east of Sedgewick to five miles northeast of Irma. Grape size stones driven by strong winds caused a 20 to 40 per cent loss in the affected areas.

The unweighted average precipitation for the province since April 1 has been one per cent above normal compared with 6 per cent above normal a week ago, 9 per cent above normal two weeks ago and in contrast to 15 per cent below normal a year ago. Mean temperature for the week ending August 24, 1970 was 2.9 degrees above normal compared with 2.3 degrees above normal a week ago, 5.7 degrees above normal two weeks ago, and 4.6 degrees above normal for the week ending August 25, 1969.

#### BRITISH COLUMBIA

Around Kamloops hot and extremely dry conditions have prevailed causing very poor forage production and dry ranges. Haying is continuing with low yields reported but the quality is excellent. In the Armstrong and Salmon Arm areas, irrigated crops such as ensilage corn and potatoes look very good. Many dairy farmers are cutting corn for green feed.

Hot, dry weather conditions are reported in the Victoria Area. Blackberry harvesting is now at its peak and the first loganberry harvest is completed. The harvest of Yellow Transparent and Melba apples is completed and Tydeman Red and Early McIntosh has begun. Sizing generally is small. Fall crop planting of greenhouse tomatoes and cucumbers is completed. Pasture and forage crops are generally poor.

In the Lower Fraser Valley at Agassiz 3.5 inches of rain in late July provided an excellent third cutting of hay and benefited corn and bean crops. The raspberry harvest is now completed with yields reported to be slightly below average. Harvesting of peas for processing is nearing completion with fair yields. The oat harvest is also nearing completion with fair yields being reported. Harvesting of broccoli

has commenced with average yields and quality. Pastures range from fair to good.

At Vernon cereal crops are fully ripened and over 75 per cent harvested with a low average yield reported. Irrigated pastures and field corn are in excellent condition but unirrigated hay yields are low. Below average yields have been reported for field pea crops.

In the Prince George area ideal weather conditions to date have resulted in excellent forage crops both in quantity and quality. Plenty of sunshine and added moisture has assured most areas in the district of a second cut for hay or silage. Pastures are short in some areas. Grain yields in general appear to be low with some barley having been swathed and combined.

At Fort St. John, in the Peace River Block, warm, dry weather has encouraged early swathing. Combining of barley is in progress with good quality and high bushel weight reported. Rapeseed yields are expected to be above normal. The second hay crop is being cut with average yields expected. Harvesting of the fescue seed crops is completed with excellent yields being reported and prospects are also good for the alfalfa and alsike seed crops.



Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. August 24, 1970	since April 1	since April 1	8 a.m. August 24 1970	Normal
			inches			degrees F.
<b>MANITOBA</b>						
1	Boissevain	.03	9.93	11.56	65	63
	Pierson	N.R.	12.26(2)	10.47	N.R.	63
2	Baldur	.07	14.43	11.24	64	63
	Pilot Mound	N.R.	15.60(2)	11.17	N.R.	63
3	Altona	nil	17.41	10.49	65	64
	Deerwood	N.R.	12.37(2)	10.89	N.R.	65
	Graysville	N.R.	11.50(2)	9.92	N.R.	64
	Morden	N.R.	16.47(2)	11.18	N.R.	65
	Morris	.07	11.37	10.37	64	66
	Portage la Prairie	.48	10.96	12.79	63	64
	Roland	N.R.	10.62(2)	10.64	N.R.	64
4	Stonewall	.25	13.09	11.44	62	64
5	Emerson	N.R.	16.56(2)	10.94	N.R.	65
	Steinbach	.13	12.28	10.81	63	63
	Winnipeg	.67	11.46	11.12	65	64
	Starbuck	.06	10.61	10.84	64	64
6	Pinawa	.66	12.19	10.76	61	63
	Great Falls	.34	8.99	8.56	63	64
	Sprague	.24	16.91	11.94	60	62
7	Rivers	trace	10.33	11.22	63	63
	Virden	.27	12.59	10.77	64	63
8	Brandon	.30	9.85	11.50	62	63
	Cypress River	.18	13.43	11.05	64	64
9	Gladstone	N.R.	11.30(2)	11.12	N.R.	63
10	Birtle	.25	12.61	11.35	60	61
	Rosburn	.12	12.09	10.46	61	62
	Russell	N.R.	9.49(2)	9.32	N.R.	60
11	Dauphin	nil	10.75	11.10	62	62
12	Arborg	.39	9.71	10.69	60	62
	Gimli	trace	9.99	11.37	64	62
	Swan River	trace	10.93	10.81	60	62
13	The Pas	.11	14.65	9.38	60	60
14	Grass River	.23	13.20	11.10	60	62
<b>MANITOBA AVERAGE</b>		.20	11.66	10.86	62.5	63.1

For footnotes, see page IV.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending 8 a.m. August 24	
		Week ending 8 a.m. August 24, 1970	Total since April 1	Normal since April 1	1970	Normal
			inches		degrees F.	
<b>SASKATCHEWAN</b>						
1A	Carlyle	.22	12.74	9.95	63	61
	Estevan	.07	16.13	9.75	66	65
	Oxbow	.10	14.77(2)	9.07	62	61
	Willmar	N.R.	12.16(2)	10.52	N.R.	N.R.
1B	Broadview	.07	10.13	10.91	60	61
	Moosomin	N.R.	12.89(2)	11.08	62	62
2A	Yellow Grass	N.R.	13.90(2)	9.48	N.R.	62
	Weyburn	nil	10.14	9.35	64	62
	Midale	nil	13.50	9.38	63	63
2B	Moose Jaw	nil	8.95	8.98	66	64
	Regina	trace	8.14	9.31	63	63
	Francis	.30	16.25	8.90	67	62
	Indian Head	N.R.	12.98(2)	9.20	N.R.	62
3AS	Ormiston	N.R.	5.75(2)	9.42	N.R.	62
	Cardross	N.R.	6.84(2)	9.44	N.R.	62
	Ceylon	.54	13.77	9.60	64	62
3AN	Gravelbourg	nil	9.22	7.90	66	63
3BS	Shaunavon	N.R.	10.04(2)	8.18	64	62
	Pambrun	nil	8.47	8.72	65	62
	Aneroid	N.R.	7.55(2)	7.91	N.R.	62
	Instow	nil	6.57(2)	8.28	62	61
3BN	Swift Current	nil	13.35	9.18	64	62
	Pennant	nil	8.34	8.11	66	62
	Hughton	N.R.	10.36(2)	7.40	N.R.	62
4A	Maple Creek	nil	8.87	7.57	67	63
	Consul	N.R.	7.55(2)	7.04	N.R.	61
4B	Leader	nil	7.94	7.15	63	63
5A	Cupar	nil	10.84	9.07	59	62
	Balcarres	N.R.	8.30(2)	9.60	N.R.	N.R.
	Lipton	nil	10.21	N.R.	60	N.R.
	Melville	nil	11.14	N.R.	61	N.R.
5B	Yorkton	nil	10.24	9.76	62	62
	Bangor	.04	10.49	10.12	62	61
	Wynyard	nil	11.68	9.23	60	60
	Foam Lake	N.R.	6.88(2)	9.26	N.R.	60
6A	Kuroki	nil	12.25	9.58	57	58
	Kamsack	.03	4.91	9.14	61	62
	Davidson	nil	8.76	8.59	61	62
	Strasbourg	nil	8.17	9.40	69	61
	Watrous	N.R.	8.90(2)	8.29	N.R.	61

For footnotes, see page IV.



Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending 8 a.m. August 24	
		Week ending 8 a.m. August 24, 1970	Total since April 1	Normal since April 1	1970	Normal
		inches			degrees F.	
<b>SASKATCHEWAN - Concluded</b>						
6B	Harris	nil	9.55(2)	7.26	62	61
	Outlook	nil	10.54	7.34	63	62
	Rosthern	N.R.	3.09(2)	7.89	N.R.	61
	Saskatoon	nil	9.48	7.74	60	62
	Elbow	nil	7.61(2)	8.86	65	62
	Tugaske	nil	9.18	8.96	62	62
	Dundurn	nil	14.43	7.60	61	62
	Kindersley	nil	8.24	7.12	64	61
	Rosetown	nil	9.94	8.14	N.R.	62
	7B	Macklin	trace	9.15	8.09	62
Denzil		N.R.	10.97(2)	7.98	N.R.	59
Scott		nil	13.05	8.22	60	59
Biggar		nil	11.09	7.97	62	62
8A	Hudson Bay	.09	12.45	10.00	59	59
	Prairie River	N.R.	9.99(2)	10.14	N.R.	58
8B	Humboldt	nil	7.96	8.09	61	60
	Melfort	nil	9.17(2)	8.93	59	60
9A	North Battleford	nil	10.21	7.91	61	61
	Victoire	nil	8.58	8.64	59	58
	Prince Albert	nil	9.88	8.99	58	60
9B	Waseca	nil	14.38(2)	9.11	60	58
	Meadow Lake	N.R.	11.48(2)	9.62	59	57
<b>SASKATCHEWAN AVERAGE</b>		.03	10.48	8.81	62.3	61.2
<b>ALBERTA</b>						
1	Empress	nil	5.48	7.43	69	62
	Foremost	nil	8.76	7.66	N.R.	63
	Manyberries	nil	9.11	6.83	67	63
	Medicine Hat	nil	9.18	7.43	65	64
2	Brooks	nil	8.55	7.76	64	62
	Hays	N.R.	9.65(2)	6.93	N.R.	63
	Rainier	nil	7.65	7.81	65	61
	Vauxhall	nil	7.89	7.13	64	61
	Raymond	nil	8.08	8.12	66	61
	Lethbridge	nil	6.76	9.09	67	62
	Trochu	trace	12.64(2)	10.08	N.R.	59
	Queenstown	nil	11.49	9.25	66	60

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. August 24, 1970	since April 1	since April 1	8 a.m. August 24	
			inches		1970	Normal
						degrees F.
<u>ALBERTA - Concluded</u>						
3	Calgary	nil	10.80	10.91	61	58
	Cardston	nil	10.02	10.07	64	59
	Pincher Creek	nil	8.69	10.88	66	58
	Fort MacLeod	N.R.	8.57(2)	10.10	64	62
	High River	nil	11.62	11.19	60	57
	Magrath	N.R.	7.95(2)	10.09	N.R.	62
	Olds	nil	12.04	11.57	61	57
4	Alliance	trace	11.01	8.72	61	59
	Coronation	nil	6.58	8.68	63	59
	Hughenden	trace	13.63	8.73	60	59
	Lloydminster	nil	13.73	8.94	62	60
	Stettler	N.R.	13.77(2)	9.89	N.R.	58
	Vegreville	.02	9.81	9.40	61	58
	Ranfurly	.04	10.71	10.08	61	58
5	Vermilion	.09	11.06	9.45	60	57
	Edmonton	.05	10.23	11.41	57	58
	Lacombe	.02	11.09	11.53	61	58
	Red Deer	.44	13.91	10.92	60	58
	Rocky Mountain House	N.R.	13.97(2)	12.90	N.R.	56
	Wetaskiwin	.07	11.70	11.14	61	58
	Campsie	.04	6.44	11.77	58	56
6	Edson	N.R.	11.87(2)	12.78	N.R.	55
	Elk Point	.08	10.52	9.69	58	56
	Lac la Biche	1.24	15.44	9.90	58	58
	Whitecourt	.07	11.74	12.40	58	55
7	Beaverlodge	nil	4.53	8.73	61	56
	Ft. Vermilion	.20	6.07	7.27	57	56
	Grande Prairie	.02	3.97	8.66	62	57
	High Prairie	.37	7.15	9.94	57	56
	Peace River	N.R.	6.57(2)	7.18	N.R.	56
	Wagner	.34	11.51	8.95	56	56
ALBERTA AVERAGE		.09	9.63	9.50	61.7	58.8

(1) Source: Meteorological Service of Canada.

(2) Incomplete; not included in average.

N.R. - No report.