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Field Crop Reporting Series - No. 10

TELEGRAPHIC CROP REPORT - CANADA

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

S U M M A R Y

Maritime Provinces In Prince Edward Island weather conditions are now excellent for crop growth. Hay and pastures are showing good growth and some haying is under way. Grains and potatoes are now doing well but about 25 per cent of the grains are not yet above the ground and potatoes are two to three weeks late. Throughout Nova Scotia good growing weather has been consistent since the last report. In eastern and central counties hay and pastures are very good with some hay-making under way. The strawberry crop looks promising and picking will be general on or about July 10. The grain and vegetable crops are very late this year. In the Annapolis Valley conditions are very good but additional heat and moisture would be welcome. Hay and silage operations are under way. In New Brunswick crops are progressing rapidly but most are about ten days behind normal. Grains and vegetables have shown good growth and early potatoes are coming into bloom. Hay and pastures are good and some farmers have started haying.

Quebec With abundant rainfall during June and recent warm weather, crop growth has been rapid throughout Quebec. Haying has started and field crop progress is good. Fruit and vegetable crops are making up for the delay earlier in the season but picking of the strawberry crop is still about five days later than usual.

Ontario Winter wheat has recovered from earlier discolouration and is now in excellent condition and progressing normally. Germination of spring grain was good but development has been retarded by wet weather. Soybeans and sugar beets look good but dry beans have not done well and a large acreage will have to be replanted when soil conditions become less soggy. The corn crop does not appear as promising as in previous years due to excessive moisture. The hay crop is ~~heavy but haying~~ ^{heavy but haying} operations have been delayed due to wet weather.

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Prepared in the Crops Section, Agriculture Division JUL 7

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Prairie Provinces Although crops are not showing serious deterioration yet throughout most of Manitoba and Saskatchewan, good rains are required now for continued development. Prospects in Alberta and parts of western Saskatchewan are better, due to moisture earlier in the season. Haying has started with only fair yields expected in Manitoba and Saskatchewan, but better production is in prospect in Alberta.

RUST REPORT FOR THE PRAIRIE PROVINCES

The Canada Department of Agriculture Research Station in Winnipeg has submitted the following report:

Rust development in the Prairies has been slow and infection continues to be light. Only small numbers of rust spores have been caught in spore traps since the end of May. Wheat leaf rust was first found on June 26 on susceptible winter wheat in experimental plots at Winnipeg about ten days later than usual, but on June 28 rust could not be found on susceptible varieties in experimental plots at Morden or in farm fields between Winnipeg and Morden. Rust is less prevalent than is usual at this time of year but recent weather conditions should favour its development.

British Columbia Warm and dry weather conditions have continued over the entire province for the past thirty days. All crops are showing good growth in Coastal areas. A good average strawberry harvest is now past its peak and picking of a promising raspberry crop will commence this week. Early potatoes, peas, cabbage and cauliflower are now coming off in good condition and later vegetables are progressing favourably. Average hay yields are reported with better than average quality. After slow spring growth, pastures now show improvement. Reports from the Okanagan Valley indicate generally good fruit crop prospects. Pasture growth in the central part of the province and the Peace River District has been generally good and better than average yields and quality of cereal grains is expected if present conditions continue.

MARITIME PROVINCES

Recent weather conditions in Prince Edward Island have been very favourable for crop development. Many hay fields and the majority of pastures are showing excellent growth and a few farmers are cutting early clover and alfalfa hay. Grain that was in the ground early is doing well but about 25 per cent of the crop is not yet above ground. Potatoes are doing well but are from two to three weeks late with some being planted this week. Strawberries and small fruits wintered well but the crop will be late. There has been abnormal rainfall for the past few weeks and some flooding occurred in low-lying areas. The strawberry weevil is causing some damage but the crop should be about average. The planting of fluecured tobacco is completed and the acreage is slightly above last year. The set on McIntosh apples is reported as light and that on Delicious is normal.

The Cape Breton area of Nova Scotia reports good growth of hay and pasture crops. Due to the late season very little growth has occurred in grain crops. Some late frost has caused damage to vegetables which has retarded growth considerably. In the Antigonish area a good hay crop is reported and some haying is under way. Silage operations began about a week ago. Pasture conditions are very good but some moisture is needed to ensure steady growth. The grain and vegetable crops are very late this season. In the Amherst area an abundance of rain has occurred recently. Silage making is in full swing and haying has just begun. In the region around Truro very good growing weather has resulted in good crop growth. Moisture conditions are good and most of the grain crops are now up. However, they are about three weeks later than average. Potato and vegetable crops are through the ground and growth has been rapid. The hay crop appears to be about average and pasture conditions are very good. In the Annapolis Valley excellent growing weather has prevailed. Haying is general with a good crop reported. Pastures appear to be good and the grain crop looks to be about average. Additional heat is required for the corn crop which is growing quite well. The strawberry crop is being irrigated and picking will be general this coming week. The apple crop seems to be about average and pasture conditions are excellent. The pest situation is about average for many species. However, root maggots and cutworms have been troublesome.

Crop growth has been rapid and soil moisture conditions are ideal throughout most of New Brunswick. Most crops are doing well although about ten days behind normal. Early potatoes are coming into bloom and grain and vegetable crops are developing well. The fruit set is heavy and early strawberries are just coming on the market. Haying is under way and a heavy crop is reported on fertilized fields. Fertilized pastures are doing well but unfertilized hay and pastures are poor. The blueberry set is very promising with little or no frost damage reported. Reports from the Fredericton area indicate that hot weather and heavy rains are greatly improving growing conditions. Some early haying is under way. However, fruit crops are still behind normal.

QUEBEC

In the L'Assomption district of Quebec field and forage crops are promising as a result of abundant rainfall last month. Haying and picking of small fruits began during the last week of June. At St. Jean all crops are developing well with warm weather and heavy rains during the last three weeks. Vegetables and fruit crops are growing rapidly and making up for the delay earlier in the season. A very good strawberry crop is in prospect but picking has been delayed about five days. Wet conditions favour disease development. The elongated shape of McIntosh and Courtland apples, which was first observed last year, is again present and is encountered as frequently as was the case in 1966.

Frequent rains have occurred in Lennoxville and as a result all plant growth has been rapid. Bromegrass is in full flower and farmers have started haymaking. Forage corn is 20 inches in height and oats and barley are developing well. The hay crop appears good. At Ste. Anne de la Pocatière frequent rainfall brought a total of 2.7 inches of moisture during the past two weeks. The early-sown cereals are stooling and crop conditions are good. Pasture and hay yields will be about normal. Potatoes and turnips are well up. A certain amount of insect damage is reported on turnips. The early-sown rapeseed crop is now in flower.

At Normandin in the Lac St. Jean district favourable temperatures were reported in June and a total of 1.32 inches of rain fell. There was no frost last month and as a result of the favourable weather conditions hay growth started off well but prospects declined somewhat by the end of the month. Pastures and grain crops are good and potatoes and gardens are coming along very nicely. Milk production is very good.

ONTARIO

In Essex County of southern Ontario prospects for the winter wheat crop look good. Spring-seeded oats are in head and corn and soybeans are making fair growth. Haying operations have been delayed in some areas due to excessive moisture. Yields are variable. Harvesting of peas has been under way for two weeks and both yield and quality are reported to be good. Harvesting of most vegetable crops is continuing and quality is generally good. Pastures are in satisfactory condition. In Kent County heavy rains of from two to five inches on June 29 have caused some damage to crops. Winter wheat is beginning to ripen and combining is expected to commence about July 17. In general, the warm weather which prevailed during June has benefited most crops. Oats are heading and corn and soybeans have made excellent growth. Planting of white beans is completed and harvesting of peas commenced on June 21. Haying has been delayed due to wet weather.

Wet weather in Middlesex County continues to delay haying operations as well as the planting of white beans. Excessive moisture has also killed out some of the corn crop. In general, crop prospects are quite good but dry weather is urgently needed. Frequent showers and warm weather in Norfolk County have provided optimum conditions for crop growth. Haying operations are about two-thirds completed but harvesting has been difficult due to the wet weather. Yields are about average. Wheat and rye are turning colour and average yields of these crops are anticipated. Corn is progressing ahead of normal and the outlook for this crop is excellent. Spring grains are in head and normal yields are expected. The tobacco crop is uneven but ahead of normal. Harvesting of a good crop of strawberries is nearing completion. Canning crops look good.

In Lincoln County hot, moist weather has hastened development of all crops. Harvesting of strawberries is almost completed. Some brown rot is apparent in stone fruits and apples are suffering from both scab and mildew. Strawberry rot is prevalent where patches were poorly sprayed. Soft rot in lettuce has also become troublesome. The tomato crop is in excellent condition. The first emergence of fruit flies occurred about June 25 and the first hatch of oriental fruit moths appeared about June 28. Three inches of rain during the past week in Lincoln County have delayed growth of most spring crops. Spring-sown barley on low ground is about a 60 per cent loss. Winter wheat is in head and good yields are expected. Haying operations are about two weeks later than usual but pastures are in excellent condition. Excessive rainfall in Bruce County has hindered haying operations. All spring-seeded grains indicate heavy yields although between 5 and 10 per cent of these crops has been drowned out. The corn crop is ahead of normal but many fields of both corn and grain are weedy, as it has been too wet to spray.

In Waterloo County excessive moisture has damaged spring-seeded grains and delayed haying operations. Quality of the hay crop is generally good but this may be offset by poor harvesting conditions. Some lodging has occurred in winter wheat. Pastures are normal. Wet weather in Wellington County has seriously delayed haying operations. Spring grains are also suffering except for corn. Yield prospects for hay and corn appear to be excellent but some spring grains will be below average. Pastures are in excellent condition.

Halton County has received between 7 and 8 inches of rain during the past month. About 40 per cent of the hay crop has been cut and although yields are good very little of the crop has been stored. Some lodging has occurred in winter wheat but prospects for this crop are above normal. Grain and corn crops seeded on low-lying areas have killed out. Pastures and new seedings are in excellent condition. Weed control is good in areas where spraying has been possible.

Continued heavy rains have ruined a number of fields of both corn and grain in Durham County. However, spring-seeded crops on high land are making excellent growth. Haying operations have been slow and quality of the crop has been reduced. Pastures are in excellent condition. Vegetable crops are also suffering from excess moisture and some potatoes and tobacco have been flooded out.

In Peterborough County of Eastern Ontario rainy weather has severely delayed haying operations. Grain crops and corn are not progressing normally due to the wet weather and lack of sunshine. In Leeds County the hay crop is above average but high humidity has made harvesting operations difficult. All other crops have progressed favourably. Pastures are excellent.

Reports from Kapuskasing indicate that the month of June was generally sunny and dry. Haying operations commenced about June 29 but have been interrupted by recent heavy rains. Barley is starting to head. Pastures are good. In the Thunder Bay District crop development is about 10 per cent later than normal, particularly on heavier soils and poorly drained fields. Moisture reserves are satisfactory.

MANITOBA

Rainfall in Manitoba has been light and scattered for the period from April 1 to July 1. It has been normal at Cypress River, Pilot Mound, Morden and Emerson, but elsewhere precipitation has been well below average. Crops on summerfallow are withstanding the lack of moisture reasonably well, but the crops on sandy land and seeded on stubble are deteriorating to some extent. Some fields have been ploughed under. Early-seeded crops are heading but growth is short. Row crops are in reasonably good condition. Haying is getting under way; tame hay is short with less than average yield expected. Wild hay is light and generally poor quality. Shortages of fodder are expected in many districts. Generous widespread rains accompanied by warmer weather are required to promote satisfactory crop development.

In the Vita area of southeastern Manitoba early crops are in the shot blade, but later seeded crops are quite short. Cutting of alfalfa and brome hay has commenced, with yields expected to be about one and one-quarter tons per acre. Native hay yields are poor. Weed spraying is completed. Some damage is reported in sunflower fields by red turnip beetles. At Altona early cereal crops are in the flag leaf stage. Haying began early last week. Thinning of beets is well advanced but some fields have been ploughed down because of cutworm damage. Some erosion was caused in the Plum Coulee district by heavy rain last Wednesday although the area generally is quite dry. Spraying of weeds is nearly completed, but the effectiveness is variable because of the uneven emergence. A quarter to one and one-half inches of rainfall was reported at Morden during this week and moisture conditions are generally good. Weed spraying is nearing completion. Haying has started and yields are fair to average. Cankerworms and aphids are infesting shelterbelts. Special crops are progressing well with the recent moisture. Crop prospects at the present time are optimistic.

At Somerset week-end showers have improved the crop situation on fertile stubble land and summerfallow fields. Many stubble crops are pale, thin, and later than normal and seem to be suffering from nitrogen deficiency. Alfalfa crops are fairly good, but the grass crops are poor. At Melita precipitation has been very light. The summerfallow crop on clay loams still has a fair potential but the late seeded and stubble crops require considerable moisture. Early seeded crops are heading but the growth is short. Crops on light soils are deteriorating rapidly. Many fields have been ploughed down and more will be turned under unless precipitation is received soon. Winter feed is likely to be scarce.

In the Winnipeg area around Beauséjour the early-seeded crops are doing well. The late-seeded crops, especially those on stubble land, are spotty. Haying is expected to start this week, but the stands are well below average. At Stonewall crop growth is slow due to lack of moisture and late-seeded crops are in poor condition. Some areas have benefited from local showers. The hay crop is short. Spraying is 75 per cent completed. A general rain is badly needed.

Conditions are very dry in the Brandon area. The early grain crops are in shot blade with some heading. Crops are fair on summerfallow and poor on stubble. Hay yields are about 60 per cent of normal. Pastures are showing little recovery from early grazing.

In the southern Interlake region at Teulon the growing conditions are quite good and much of the crop is in the shot blade stage. Spraying of weeds is nearly completed. Haying has commenced but there will not be a large yield. Pastures are generally in fair condition after the recent rains in June. Farther north at Arborg scattered showers during the week still leaves large areas dry. Crops are standing up well, but a general rain is needed. Weed spraying is continuing. Some haying has started.

Recent badly needed rains have improved moisture conditions at Neepawa in the west-central area of the province. Cereal crop prospects are good at present, but hay yields are expected to be below normal. Pasture conditions are improving. Heavy infestation of weeds is reported. There have been several reports of grasshoppers in pastures. At Shoal Lake crops are generally good and scattered showers in the area have aided crop growth. Pastures are generally poor and hay yields will be average to below average. Some fields of rapeseed have been attacked by flea beetles.

In the northwest area around Dauphin the early crops are fair to good and are starting to head. The late crops are very uneven in growth. Moisture conditions are poor to good. Cutting of below average stands of hay has started. A good general rain is needed.

The unweighted average precipitation for the province since April 1 has been 14 per cent below normal, compared with 10 per cent below normal a week ago, 3 per cent below normal two weeks ago, and in contrast to 14 per cent above normal a year ago. Mean temperature for the week ending July 3 was 1.8 degrees below normal, compared with 6.9 degrees below normal a week ago, 1.0 degree above normal two weeks ago, and 7.5 degrees above normal for the week ending July 4, 1966.

SASKATCHEWAN

Rainfall has been insufficient in Saskatchewan and this, coupled with cool temperatures, has resulted in slower than normal crop advancement. Wheat averages 8 inches and coarse grains 7 inches in height compared with 12 and 10 inches a year ago. All southern, east-central and central districts now need rain to promote proper development. While cool temperatures have helped to maintain fair conditions, crops are considerably later than normal. Hay prospects are only fair.

In the southeast part of the province around Willmar some 3.1 inches of rain have fallen since April 1 and although crops sown on summerfallow land are holding, stubble crops are patchy. Rye is heading but will be thin and early-sown wheat is in the shot blade. Pastures and forage crops are fair. Farmers are continuing with spraying and summerfallowing operations. All crops in this district now need rain. Crops are holding well in the Yellow Grass area despite lack of moisture. Wheat is from 6 to 12 inches in height. Summerfallows are in good shape and weed spraying has been completed. All crops need a good rain now to maintain heavy growth as only 2.71 inches of moisture have been received since April 1.

The Experimental Farm at Indian Head reports that only 0.9 inch of precipitation has fallen since June 16 and crops have deteriorated further. Rainfall since April 1 has totalled only 1.59 inches. Early-sown stubble wheat crops are starting to head and are only 15 inches high. Summerfallow wheat is coming into shot blade but stands are short. Hay crops will be very light and pastures are deteriorating rapidly. Some hay has already been cut. Most summerfallows have been given a second cultivation and are in good condition.

Most crops continue to show good colour and prospects are for an average crop in the Moosomin district even though the area has received only a few showers during the past week. However, considerable moisture will be required very soon to maintain present conditions and if hot weather occurs, crop deterioration would be rapid. Lack of rain and warm weather continued to delay field crops in the Fillmore district. Late-seeded fields are very thin and uneven. Some rye fields are being cut for hay as frost caused a poor seed set. Hay crops are very light and pastures need rain very badly. Weed spraying is nearly completed but there are many reports of poor kills.

The Experimental Farm at Swift Current reports that June rainfall of only .55 inch is the lowest on record for the month and many crops have not developed a secondary root system due to dry surface soil conditions. All crops could deteriorate rapidly unless heavy rains are received soon. Fall rye is starting to fill. Hay crops are light and pastures are only fair. At Leader crop growth has been very good. Stooling is almost complete and no damage from any source is evident in this district.

In the east-central part of the province at Melville all crops are suffering due to lack of moisture and some stubble fields are being worked down. Pasture lands are poor and hay lands only fair. Rainfall in this district since April 1 has totalled only .61 inch compared with 3.65 inches at the same time a year ago and the long-term average of 5.26 inches. In contrast to the Melville district, crop development has been good at Togo where a two-inch rain was received on June 18. With regular rains a big crop could be taken off in this district. Early-sown wheat is heading and although germination was somewhat patchy coarse grains are fair to good. Summerfallows have good growth, pastures are only fair and the hay crop

is expected to be only half of normal. At Sturgis all crops are deteriorating rapidly due to prolonged drought. Wheat crops are thin and short and some fields of oats, barley and rapeseed will be ploughed down. Forage crops are very poor and although wild pastures are still fair new growth is very slow. Rainfall in this district since April 1 has been only 0.63 inch compared with the long-term average of 5.46.

Soils are very dry in the Saskatoon district and a general rainfall is badly needed. Summerfallow crops average about 12 inches high and still look good but stubble crops are short and patchy. Fall rye needs rain immediately to help fill the heads. Pastures are dry. Weed spraying has been completed and most summerfallows have been worked. Very little insect damage is reported. At Craik no appreciable moisture has been received recently and only 1.19 inches have fallen since April 1. Grain crops are still holding well and average from 8 to 10 inches in height and are coming into shot blade. Pasture and hay lands on the other hand are deteriorating rapidly.

The recent warmer weather in the Rosetown district is bringing crops along. Early wheat is between 8 and 10 inches high and 60 per cent in the shot blade. Spraying has been completed and most farmers are working summerfallows for the second time. Only light rains have been received in the Scott district and more precipitation is now required to replenish the surface soil although sub-surface moisture is good. Crops are developing rapidly with some fields in the late shot blade and others heading. The light frost on July 1 did not damage grain crops although some gardens were touched. Hay and pasture lands are fairly good and haying got under way towards the end of last week.

The Experimental Farm at Melfort in the northeast part of the province reports that droughty conditions throughout June have hampered normal development. Early-seeded fields are in the shot blade and stands are good to fair. Fall rye is fully headed but stands are only fair. Haying operations are getting under way but yields will be very light. Rain is urgently needed to maintain crop growth.

The Saskatchewan Municipal Hail Insurance Association reports light hail damage on June 26 at Big Beaver, Ogema and Milestone. Storms also occurred on June 29 and 30 at Liberty, Southey, Wadena and Foam Lake.

The unweighted average precipitation for the province since April 1 has been 51 per cent below normal, compared with 47 per cent below normal a week ago, 36 per cent below normal two weeks ago, and in contrast to normal a year ago. Mean temperature for the week ending July 3 was 1.5 degrees below normal, compared with 6.0 degrees below normal a week ago, 0.6 degree below normal two weeks ago, and in contrast to 3.6 degrees above normal for the week ending July 4, 1966.

ALBERTA

Warm weather and generally good moisture conditions are rapidly advancing crops in the province except for areas in the northeast and the Peace River. To maintain growth however, additional moisture would be welcome in all regions. Spraying for weed control is being carried out without interruption with the amount completed varying from district to district. However most progress is being made in the central part of the province. Only minor insect damage has been reported so far. Haying has begun in the south and the first cut will be generally good.

In the southeast at Medicine Hat crops are progressing favourably but are at least one week to ten days late with no heads showing as yet. Surface moisture is fair and the subsoil moisture is good but rains are needed this week to maintain the present good stands. No major insect infestations have been reported to date. Haying operations got under way on June 26. Pastures are in excellent condition. In the southwest around Lethbridge excellent stands of winter wheat are in the late boot stage and the rye crop is in head. Cereal crops in the area are good although many fields lack nitrogen. Vegetable canning crops are late but are progressing favourably. There is concern for root rot in peas. Seventy-five per cent of the subar beet crop has been thinned to date and the crop is approximately two weeks behind normal. Around Cardston the winter wheat crop is heading and appears good. Spring wheat averages 6 inches in height. Seeding of coarse grains was late and has been completed since the last report. Haying operations have commenced and the quality of hay and pastures is good. Summerfallowing is about one-third completed. In the vicinity of Claresholm all crops are looking well with winter wheat and rye headed out and prospects are good. Spring crops are advancing very fast and should catch up after a late start. Stands of hay are very heavy.

In the south-central area at Brooks drying winds have rapidly depleted surface moisture. Pastures are also dry and a general rain is needed. Most of the cereal crops are progressing favourably but are in need of rain. Peas are in bloom and the first cut of hay is under way with fair to good yields. Good germination has been reported in the flax and mustard crops which now average two inches in height. Conditions now require that farmers irrigate their crops. In the area around Vulcan hot, dry weather has prevailed this past week with the occasional hailstorm. Wheat, oats and barley are about one foot in height and growing rapidly. Haying is under way in some areas while in others fallow land is being worked. Pasture land has suffered from a lack of moisture for the second time this year.

In the east-central area around Excel wheat is showing good growth and fall rye is exceptionally good. Early wheat is in the shot blade stage. Good rains are now needed to promote growth as most stands are heavy. Summerfallow operations have been completed. Pastures are good but the hay crop is only fair. There has been no worm nor grasshopper damage as yet. At Hanna no moisture has been received since the last report. The weather has been hot and dry but the crops are holding up well. Pastures are suffering but the hay crop which escaped the effects of the dryness is heavy. Moisture is now needed for late sown crops. Spraying for weeds has been completed and there is no evidence of insect damage.

In the northeast part of the province at Sedgewick hot, dry weather has brought crops on rapidly but at the same time has depleted moisture reserves and rain is now needed. Hay and pasture lands are doing well but are also in need of rain.

In the central region around stettler crop prospects are good due to the recent rains amounting to one inch. Wheat is standing about 8 inches in height but warm weather is needed to advance crop development. Spraying is under way in crops infested with weeds and wild oats. No insect damage has been reported to date.

In the area around Edmonton, hot, dry weather has prevailed during the past few days. Although moisture is needed the crops are holding up well. Wheat averages about 6 inches and coarse grains approximately 5 inches in height.

In the west-central region at Red Deer crop growth has progressed rapidly during the past week and crops are in good condition. Spraying for weeds is 75 per cent completed. Haying has started but is later than last year. The Research Station at Lacombe reports that crop conditions are generally near normal after one week of warm weather. Haying is now under way on a crop probably 10 to 15 per cent below normal. Rain is needed now to prevent deterioration of spring-sown crops. At Eckville early-seeded barley will be in head by the week-end. Crops are generally doing well but rain will be needed soon. Surface moisture is only fair but subsoil moisture is good. Spraying for weeds is now nearing completion. Summerfallow land is in good condition. Haying will commence July 7 with anticipated yields of from three-quarters to one and a half tons per acre.

At Bonnyville in the northeast region drought and frost have set back crops particularly hay which is a failure as far as the first cut is concerned. Because of a shortage of pasture many farmers have turned cattle into the hay fields. Recent showers have improved crop conditions but all crops are extremely late. To the west at Colinton crop conditions have deteriorated during the past week due to a lack of moisture. Some isolated hail and rain was received in the area. Hay will be in short supply because some of the hay land is being used for pasture. Haying operations are about two to three weeks late. Weed spraying is now general.

In the Peace River area at Beaverlodge most crops are making good growth but are beginning to suffer because of a lack of surface moisture. Rapeseed is already severely damaged by the dryness, with the crop now flowering on very short stocks. The lack of moisture is also affecting the yield of grass seeds which are now coming into flower. Unless moisture is received soon the late developing crops will also be affected.

The Alberta Hail Insurance Board at Calgary reports that the only significant storm of the season was on Friday, June 30. Moderate damage occurred in the vicinity of Carmangay, Coaldale and Foremost.

The unweighted average precipitation for the province since April 1 has been 14 per cent below normal, compared with 6 per cent below normal a week ago, and in contrast to 10 per cent above normal two weeks ago, and normal a year ago. The mean temperature for the week ending July 3 has been 0.6 degree above normal, in contrast to 1.9 degrees below normal a week ago, 1.2 degrees below normal two weeks ago and 1.1 degrees below normal a year ago.

BRITISH COLUMBIA

At Victoria a good strawberry harvest is now under way and prospects for loganberries are good although fruit set on apples, cherries and plums is spotty and light. Early potatoes and hay yields are generally good. Due to the dry season pastures are deteriorating. Demand for greenhouse tomatoes is good and the yield is heavy. Harvesting of peas is now under way and yields of up to three tons are reported for early crops. The output of late-seeded corn and beans is good. Given improved moisture conditions a good raspberry crop is in prospect. The first cut hay yield is better than average with good quality reported.

At Summerland sweet cherry picking is in full swing with good quality and approximately twice the tonnage of last year reported. Apple thinning is nearly completed and full shipment of apricots is expected by July 15. Other fruit crops are sizing well and field cucumbers are now being shipped commercially. Hot, dry weather conditions are favourable to the growth of hay.

At Prince George lack of moisture the latter part of June has retarded the growth and maturity of plants. Moisture is needed for grain growth although showers have been helpful. Hay making is progressing well with good quality.

At Dawson Creek in the Peace River Block soil surface is very dry and as a result late-seeded crops are not completely germinated. Early-seeded grain crops are heading out but suffering from lack of moisture. Warm, windy weather conditions have resulted in the burning of crops. At Fort St. John crops are heading but suffering from lack of moisture. Grass seed crops look good.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending 8 a.m. July 3	
		Week ending 8 a.m. July 3	Total since April 1	Normal since April 1	1967	Normal
			inches		degrees F.	
<u>MANITOBA</u>						
1	Boissevain	.38	4.95	7.05	64	64
	Pierson	.17	2.90	6.45	63	65
	Waskada	N.R.	3.95(2)	6.76	N.R.	66
2	Baldur	N.R.	7.23(2)	6.82	N.R.	66
	Pilot Mound	.85	6.87	6.66	61	65
3	Altona	.53	6.59	5.99	65	67
	Deerwood	.13	8.44	6.52	65	67
	Graysville	.13	7.22	6.22	64	66
	Morden	.48	7.76	6.63	65	68
	Morris	1.15	6.75	6.17	65	68
	Portage la Prairie	.32	5.73	7.75	65	67
	Roland	.66	7.35	6.40	62	67
4	Stonewall	.36	5.78	6.82	64	65
5	Emerson	.24	6.07	6.20	64	67
	Steinbach	1.01	6.40	6.41	64	66
	Winnipeg	.78	6.16	6.52	64	66
	Starbuck	.43	5.74	6.41	64	66
6	Seven Sisters Falls	N.R.	3.77(2)	6.50	N.R.	66
	Great Falls	.45	4.45	4.87	64	66
	Sprague	2.55	9.45	6.68	63	64
7	Rivers	.25	3.63	6.73	64	64
	Virden	.11	3.35	6.41	64	65
8	Brandon	.22	4.14	6.82	62	65
	Cypress River	.40	7.20	6.63	62	66
9	Gladstone	.38	5.28	6.84	N.R.	65
10	Birtle	.42	3.45	6.50	62	63
	Rossburn	.37	4.09	6.04	62	62
	Russell	.29	3.54	5.53	62	63
11	Dauphin	.22	4.73	6.97	65	65
12	Arborg	.16	6.56	6.54	61	64
	Gimli	.24	5.41	6.51	64	65
	Steep Rock	N.R.	6.08(2)	6.31	N.R.	63
13	Swan River	.26	3.36	5.88	63	63
	The Pas	.17	2.65	5.17	62	63
14	Grass River	N.R.	5.09(2)	6.94	N.R.	65
MANITOBA AVERAGE		.47	5.53	6.45	63.4	65.2
<u>SASKATCHEWAN</u>						
1A	Carlyle	.24	4.54	5.83	60	64
	Estevan	.10	3.08	6.30	65	66
	Oxbow	.30	3.45	5.84	61	63
	Willmar	.32	3.79	6.22	N.R.	N.R.
1B	Broadview	.21	2.79	6.85	61	62

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.	since	since	8 a.m.	
		July 3	April 1	April 1	July 3	
					1967	Normal
		inches			degrees F.	
SASKATCHEWAN - Continued						
1B	Moosomin	.26	4.46	6.64	65	63
2A	Yellow Grass	.20	2.76	5.74	68	64
	Weyburn	.30	3.88	5.82	57	64
	Midale	.27	3.12	5.78	63	65
2B	Moose Jaw	.09	2.58	5.73	64	65
	Regina	.26	1.86	5.90	61	64
	Francis	N.R.	1.96(2)	5.46	N.R.	63
3AS	Indian Head	.09	1.67	5.83	63	63
	Ormiston	N.R.	1.41(2)	6.14	N.R.	63
	Cardross	.14	2.07	6.09	63	64
3AN	Ceylon	.14	4.43	6.10	63	62
	Chaplin	.42	3.71	5.12	62	64
	Gravelbourg	.03	2.72	5.18	61	64
3BS	Shaunavon	.04	3.16	5.33	62	63
	Pambrun	.02	3.16	5.72	62	64
	Climax	N.R.	.55(2)	4.75	N.R.	N.R.
3BN	Aneroid	.03	3.03	5.10	63	63
	Instow	.09	2.43	5.47	60	63
	Swift Current	.18	3.42	5.85	62	63
4A	Pennant	.05	2.04	5.46	63	64
	Hodgeville	.06	2.13	5.63	61	63
	Hughton	N.R.	1.71(2)	4.60	N.R.	64
4B	Maple Creek	.07	5.58	5.03	64	65
	Consul	.04	4.27	4.17	64	62
	Abbey	N.R.	3.02(2)	5.00	N.R.	63
5A	Leader	.15	3.34	4.72	62	65
	Cupar	.06	1.73	5.62	61	64
	Balcarres	N.R.	.92(2)	6.02	N.R.	N.R.
5B	Melville	.15	1.09	6.14	62	62
	Yorkton	.29	1.16	5.68	62	63
	Bangor	.26	2.37	6.32	62	62
6A	Wynyard	.22	1.69	5.42	60	62
	Foam Lake	.14	1.78	5.74	61	61
	Kuroki	.13	2.06	5.90	58	61
6B	Lintlaw	.17	2.45	6.10	58	60
	Kamsack	.23	2.03	5.39	62	62
	Davidson	N.R.	.94(2)	5.60	N.R.	63
6B	Strasbourg	.36	1.27	6.15	63	62
	Watrous	.14	1.07	5.19	62	63
	Harris	.07	1.38	4.77	62	64
6B	Outlook	.14	1.07	4.58	63	65
	Rosthern	.16	2.45	4.69	63	64
	Saskatoon	.12	3.03	4.45	60	64
6B	Elbow	.09	.74	5.56	63	63
	Tugaske	.26	1.38	5.96	61	63

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature		
		Week ending 8 a.m. July 3	Total since April 1	Normal since April 1	week ending		
					8 a.m.		
					July 3		
				1967	Normal		
				degrees F.			
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SASKATCHEWAN - Concluded							
6B	Dundurn	.08	2.68	4.73	62	64	
7A	Alsask	N.R.	2.61(2)	4.24	N.R.	64	
	Kindersley	.25	2.40	4.00	62	64	
	Rosetown	.07	2.83	4.79	62	64	
	Macklin	.15	3.70	4.41	62	62	
7B	Denzil	N.R.	6.21(2)	4.56	N.R.	62	
	Scott	.10	3.99	4.78	59	61	
	Biggar	.18	3.52	4.83	62	63	
	Hudson Bay	.07	2.33	5.63	62	61	
8A	Prairie River	.10	2.42	6.01	59	61	
	Humboldt	.24	1.79	5.05	61	62	
8B	Melfort	.23	2.46	5.28	61	62	
	North Battleford	.18	2.95	4.51	61	63	
	Victoire	.13	2.13	5.09	63	59	
	Prince Albert	.16	1.60	4.95	62	62	
9A	Island Falls	N.R.	4.70(2)	5.00	N.R.	60	
	Waseca	.11	3.65	5.02	39	61	
	SASKATCHEWAN AVERAGE		.16	2.64	5.40	61.4	62.9
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ALBERTA							
1	Empress	.05	3.47	4.64	67	64	
	Foremost	.11	8.22	5.40	64	64	
	Manyberries	N.R.	6.52(2)	4.96	N.R.	64	
	Medicine Hat	nil	5.83	5.05	66	65	
2	Brooks	nil	4.06	4.84	64	64	
	Drumheller	nil	3.37	4.68	64	61	
	Gleichen	.14	6.22	5.76	63	62	
	Hays	N.R.	6.82(2)	4.64	N.R.	65	
	Rainier	.03	6.70	4.95	64	64	
	Vauxhall	.11	6.96	N.R.	64	63	
	Raymond	.08	9.08	5.95	64	64	
	Lethbridge	.07	9.56	6.48	64	63	
	Trochu Equity	N.R.	2.04(2)	5.56	N.R.	62	
	Vulcan	.05	9.22	6.49	63	N.R.	
	3	Calgary	.01	5.59	7.01	61	60
		Cardston	nil	11.05	7.52	63	60
Pincher Creek		.02	12.15	8.22	62	59	
Fort MacLeod		nil	10.11	7.40	63	63	
High River		.05	9.85	7.75	59	58	
Magrath		nil	8.09	7.50	63	62	
4	Olds	trace	4.40	7.04	59	59	
	Alliance	N.R.	5.02(2)	4.70	N.R.	61	
	Coronation	.10	3.22	4.39	61	61	



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Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. July 3	since April 1	since April 1	8 a.m. July 3	
			inches		1967	Normal
						degrees F.
<u>ALBERTA</u> - Continued						
4	Hughenden	.14	3.31	4.81	61	61
	Lloydminster	.08	2.98	4.74	61	62
	Stettler	.05	3.83	5.60	63	62
	Vegreville	.18	2.44	4.93	62	61
	Ranfurly	.26	3.34	5.31	61	61
	Vermilion	.26	3.26	4.69	59	60
5	Edmonton	.12	3.85	6.30	60	62
	Lacombe	trace	3.41	7.06	62	60
	Red Deer	.18	4.82	6.42	60	60
	Rocky Mountain House	.05	5.39	7.66	60	59
	Wetaskiwin	.30	4.02	6.35	62	60
6	Athabasca	N.R.	1.80(2)	5.59	N.R.	59
	Campsie	.06	1.53	6.14	60	58
	Edson	nil	3.51	6.95	59	57
	Elk Point	.24	2.78	5.34	59	59
	Lac la Biche	.75	2.82	5.20	60	60
	Whitecourt	.05	2.42	6.18	59	57
	Beaverlodge	nil	2.35	4.81	58	59
7	Fairview	.16	2.62	4.84	59	59
	Ft. Vermilion	.34	1.54	3.86	60	59
	Grande Prairie	.02	1.95	4.91	59	59
	High Prairie	N.R.	1.70(2)	5.37	N.R.	58
	Peace River	.20	2.11	3.88	60	59
	Rycroft	.01	2.33	4.88	59	59
	Wagner	.18	2.24	4.77	60	59
ALBERTA AVERAGE		.11	4.90	5.69	61.4	60.8

N.R. - No report.

(1) Source: Meteorological Service of Canada.

(2) Incomplete; not included in average.