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TELEGRAPHIC CROP REPORT — CANADA

This is the fifth of the 1957 series of nine telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the eighth of a series of thirteen telegraphic reports on crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from the Federal and Provincial Departments of Agriculture, private crop observers and grain men supply the information on which these reports are based. The weather data included in this release are furnished by the Meteorological Division, Department of Transport.

S U M M A R Y

Maritime Provinces Although some rain was received during the past two weeks crops in Prince Edward Island and Nova Scotia are still suffering from lack of moisture. Reports from Prince Edward Island indicate that hay will be short and thin, although some good stands of clover are reported. Grass silage making is now under way and haying will start within a week or ten days. The potato outlook is good. In Nova Scotia dry weather has reduced the hay crop to two thirds of normal in most areas. Pastures are also poor but grain, potatoes and hoed crops are about average. Recent rains were responsible for increased growth of all crops especially hay, in New Brunswick. A hail storm on July 4, however, damaged strawberries, vegetable crops and apples in restricted areas near Fredericton. The soil is still moderately dry.

Quebec Heavy rains have fallen during the past two weeks in most parts of Quebec. Cereal and hay crop prospects remain generally good but haying has been hampered by wet weather. Hoed crops in some areas are being damaged by excessive moisture.

Ontario In general all crops have developed well in Ontario this season but several weeks of dry weather are now required to permit harvesting of a heavy hay crop, ripening of grain crops, and cultivation of late crops. Recent heavy rains and strong winds have caused some damage to crops and buildings in localized areas and generally showery weather has interfered with haying operations and caused some weathering. Crops look excellent with prospects for a heavy yield. Harvesting of winter barley has commenced in Essex and Kent Counties. A heavy storm occurred on July 8 in southwestern Ontario but the extent of crop damage has not yet been determined. Spring grains and new seedings, corn for fodder, sugar beets, soybeans and tobacco are all making good growth. Early potatoes are now being marketed. Pastures are still above normal and milk production is good. Fall wheat and fall rye are turning colour and will be ready for harvesting about the fifteenth of July. These crops look excellent and promise heavy yields.

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

Prairie Provinces Crop conditions are extremely variable over wide areas of the Prairie Provinces due largely to the uneven distribution of seasonal rainfall and overall prospects are difficult to assess at this time. With minor exceptions, moisture reserves in Manitoba are adequate to excessive, with the crop outlook in general remaining well above normal. Despite limited uneven moisture supplies, crops in Saskatchewan have held up fairly well, but a period of hot dry weather could cause a rapid decline in prospects. Crops are also at a critical stage in Alberta and general rains are needed in many parts of the province to maintain prospects. The hail season is under way with storms reported from a number of points in all three provinces.

British Columbia With few exceptions the crop outlook throughout the province remains quite favourable. Oats are growing very well with most fields in head or heading. The corn crop appears exceptionally good this year. Showery weather has delayed haying operations in some areas. Pastures are generally good. The strawberry harvest is now completed on Vancouver Island and picking of an excellent crop of loganberries is in full swing. In the Lower Fraser Valley strawberries are over and raspberries are at their peak. Field grown cucumbers and tomatoes are now moving in volume from the southern Okanagan Valley.

MARITIME PROVINCES Although some much needed rain fell in Prince Edward Island during the past two weeks more moisture is required. Crop growth is described as fair. The hay is very light but reports indicate some good stands of clover. Grain crops are doing well and potatoes are promising with some early plantings coming into bloom. Grass silage is now being made and it is expected that haying will be general in a week or ten days. Insect pests are in general more serious than usual. An outbreak of web worms is causing serious damage to clover, strawberries and vegetables while root maggots are reported on cabbage and cauliflower plantings, with cut worms also active in gardens and a few grain fields. The apple set is heavy. Rain would improve crop prospects greatly.

Rain during the past week broke the drought in Nova Scotia to some extent. Although this helped crop growth the land is still very dry and all crops are in need of moisture. Hay is very light on most upland soils with very little cutting being done so far. Pasture growth is short. A considerable amount of grass silage is being made and farmers are hoping for a second cut. Grain is in the blade stage and very short. Early potatoes are in bloom. In the Amherst district reports indicate that the recent rain improved prospects for grains, vegetables and pastures and helped the hay crop. Early-sown oats are beginning to head in that area. In the Annapolis Valley soil moisture is still inadequate although recent light rain improved the situation somewhat. Grass silage is far below average and haying is progressing slowly with yields sixty per cent of those procured last year. Potato crops appear good but a light set of tubers is anticipated. Grain is a good colour but the straw is short. The strawberry crop is described as poor but tree fruits are not visibly affected by the drought. Apples are showing good development. The drop is continuing but is not excessive so far.

Recent rains in New Brunswick have helped the growth of all crops. The outlook for hay is now improved and a yield of about 65 per cent of normal is anticipated. In some parts of the province grass silage operations have been completed. The grain crop outlook is above average. Root crops and vegetables are doing well. The strawberry crop is expected to be considerably below average but apples look very promising. Potatoes although showing a slow top development are coming into bloom. Root maggot damage is reported on certain crops. A severe hail storm on July 4 damaged strawberries, vegetables and apples in some localities. In the Perth district showery weather has delayed the



cultivation and spraying of potatoes during the past two weeks. Crop growth is normal for the season with some early silage having been cut. Haying is not yet started but will begin as soon as the weather permits. Early grain is beginning to head.

QUEBEC At L'Assomption, near Montreal, June precipitation totalled seven and three-quarters inches, the highest ever recorded. Haying and making of grass silage are just getting under way. Canning crops are fair but the pea harvest is difficult. Hoed crops are suffering from excessive moisture. Pastures are good.

In the St. Jean area warm, humid weather has prevailed for the past two weeks. Vegetables and canning crops are progressing well except on poorly drained soils where some tomatoes and corn show signs of damage from excessive moisture. The pea harvest is making good progress on well-drained fields and the crop is considered good. Pea aphids are still present. The bean crop is not growing too well. Harvesting of a good hay crop is about 25 per cent completed but rains are holding up operations in some localities. Cereal crop prospects are very good. Farther east at Lennoxville haying began a week ago but has since been hampered by rain. Cereal crops are very good, pastures good, and hoed crops fair.

At St. Anne de la Pocatière, east of Quebec City, crop development is being hampered by cool weather and excessive rain. A medium crop of hay is in prospect in the Lower St. Lawrence district but commencement of haying is being delayed by bad weather. Grain is doing fairly well but some damage is anticipated from excessive moisture. Pastures vary from good to medium while potatoes and hoed crops are fair. Weeds are abundant. The strawberry crop is promising.

ONTARIO Around Barrie in western Ontario wheat is turning colour and will be ready for harvest by the end of the month. Most spring grains look very promising although some fields have suffered from excessive rain. The corn crop is variable and at present is showing little growth due to wet weather. Weeds are a serious problem as cultivation has been impossible for three weeks. The potato crop is promising. Some 40 per cent of the hay has been cut but a considerable amount was spoiled because of wet weather, and yields will be lighter than normal. Pastures are doing well. In Wellington County unsettled weather during the past two weeks has delayed farm work considerably. Some hay has been spoiled in the southern sections while in others the ground is too wet to hold haying machinery. Early-sown spring grain is beginning to head while corn and late-sown grain is barely holding its own. Pastures continue to produce well but the grass is softer than desired.

Around Galt in Waterloo County haying and the grass silage harvest is in full progress. Heavy rains have caused a set-back in the hay harvest and much has been spoiled. Grain crops are progressing satisfactorily but several outbreaks of oat nematode have been discovered. In addition, the army worm is threatening some crops in the southern part of the county but damage to date has not been serious. Some grain fields have lodged because of high winds and heavy rains and this may lower yields to some extent. In Halton County warm weather in June and frequent rains in late June to the present have resulted in lush pastures and good stands of fall wheat. Prospects for spring grain and hay are above average. Corn crops are only fair. Haying operations are being hindered because of the wet weather.

Heavy general rains during the past two weeks are holding up haying in Middlesex County in southern Ontario. Some grain has lodged and some row crops have been flooded. Harvesting of a good fall wheat crop is expected to begin in two weeks time. Spring grains, corn, beans, and tobacco are average and making good growth at present.

Hay fields and pastures are in good condition. A mild army worm infestation is reported in the two southern townships. In Essex County corn, soybeans, and processing tomatoes are making excellent growth. The canning-pea harvest is about 75 per cent completed and the first cutting of hay has been practically taken off. The fall barley harvest is continuing and good yields are reported. Fall wheat is ripening rapidly, and oats are growing well. The early vegetable harvest is continuing and the early potato harvest is getting under way. Heavy rains this week caused some flood conditions but appraisal of the damage to the crops is difficult at this time. The Experimental Farm at Harrow reports that many Essex County fields in low-lying areas were flooded by the excessive rains which occurred on July 8. Some damage to tobacco, corn, soybeans, and late tomatoes will result. Sweet cherries are splitting badly.

On Pelee Island the recent heavy rainstorm flooded low lands and resulted in considerable damage although it is still too early to assess the full extent of the damage. Soybeans are making good growth and wheat is ripening fast. Around Chatham, corn, soybeans, sugar beets and canning crops look very promising. Some winter barley has been harvested and wheat is ripening quickly although some fields are lodged. Army worms are present in a number of wheat and surrounding fields and control operations are under way. Pastures are good. The Entomological Laboratory at Chatham reports that all crops in southwestern Ontario are doing well. Army worms are a serious problem in some areas but so far have not reached epidemic proportions. The potato leaf-hopper population is building up on beans, potatoes and alfalfa. The corn-borer is not as plentiful as last year but some areas report a high infestation. The Dominion Entomological Laboratory at Vineland reports that army worms are prevalent but damage is light. The strawberry leaf-roller and the grape berry moth are more abundant than usual and the plant bug injury to peaches has been light to moderate. Our correspondent from Simcoe reports excellent hay yields but heavy rains have made harvesting difficult. Wheat, rye and spring grains look very promising but some lodging has occurred. Cultivation of corn has been delayed.

In Eastern Ontario in Leeds County general crop prospects are above normal. Moisture supplies are good and growth has been rapid. Fall wheat is turning and the prospects are for excellent yields. The hay harvest is about 15 per cent completed and the quality is assessed as normal. Oats are fully in head and fields are looking good. Grain corn is also doing well. Pastures and the milk flow are now above normal. Around Morrisburg in Dundas County catchy weather has held up haying operations but even so the harvest is well advanced. Spring grains have headed out nicely and will make an excellent crop. Pastures are holding up well and milk production continues at a high level. The corn crop looks excellent.

Our correspondent from Renfrew County reports that 10 per cent of the haying has been completed although showery weather has caused frequent delays. Pastures are now greatly improved. Some 75 per cent of the spring grains are headed and prospects are good. The corn crop is above average. The Experimental Farm at Kapuskasing indicates that moisture supplies are ample for pasture and crop growth. Cereal crops are coming into head and hay and grain yields should be above average.

MANITOBA Showery weather has prevailed over Manitoba during the past week and the crop outlook in general remains well above normal. Moisture reserves are adequate in most parts of the province but are excessive in the area east of Winnipeg, particularly from St. Pierre south to Emerson and west to Altona where considerable flooding has occurred. West of Brandon to the Saskatchewan boundary and north to Swan River conditions are somewhat drier and rain would be welcome. Wheat and early-sown



oats and barley are heading and early-sown flax is coming into bloom. Weeds are a problem, particularly in the Red River Valley, where rains delayed spraying. Harvesting of a fair to good hay crop is getting under way. Pastures are satisfactory.

At Altona south of Winnipeg widespread hail and heavy showers last week, particularly on Saturday, greatly reduced all crop prospects. Some 10,000 acres were severely damaged by hail, with 15 to 20 thousand acres receiving partial damage. A considerable acreage was also damaged to some extent by excessive rainfall. Sugar beet thinning is almost completed and checking is in full swing. These operations and haying were recommencing on July 9. Sunflowers, corn and soybeans now require warm weather. Early flax is in bloom and wheat and barley in head. Farther west at Morden crops are making rapid growth after heavy rain. Some crops were damaged by hail over the week end, with storms being fairly general over a wide area south of Morden. Cereal crops are mostly headed but row crops need heat to hasten growth. Haying has been delayed by rain. Harvesting and processing of canning peas has begun.

Growing conditions are excellent, with crops approximately 20 per cent headed in the Pilot Mound district. Harvesting of a fair hay crop is commencing. Insect and hail damage is negligible to date. Precipitation has been light and spotty around Melita in the southwest of the province and moisture is needed in the near future. Hail caused damage varying from 0 to 80 per cent in a small area covering eight or ten sections of land. Wheat and barley are 60 per cent headed. Thirty per cent of the oats is in head and 40 per cent of the flax is in bloom. Rye is at the soft dough stage. The hay crop is fair to poor. Pastures are fair. At Selkirk northeast of Winnipeg crops are improving due to warm weather but there is no heading as yet. Fallows are weedy and rains have interfered with the spraying program. Hay crops are only fair but vegetables and potatoes are improving rapidly.

With warmer weather during the past week crops are progressing well in the Minnedosa area. Early barley is heading and 50 per cent of the wheat is in shot blade. Haying is just starting with lighter than average yields anticipated. Pastures and gardens are doing well. Only slight hail damage is reported. Farther west at Shoal Lake the crop outlook remains well above normal, with favourable yields in prospect should present conditions prevail. A large proportion of cereal crops is in the shot blade, with the odd field heading. Rye is beginning to fill. Haying operations are under way with yields ranging from poor to very good.

In the northeast of the province at Swan River late crops are short and maturing slowly due to lack of moisture. Spraying for weeds is 90 per cent completed and summerfallows are well worked. The rye crop is filling slowly and needs rain. The hay crop is poor in most cases but legumes are up to a good stand in some districts. There is no evidence of insect damage.

Hail storms were reported on July 4 from Broomhill to Melita to Coulter with medium damage indicated. Heavy damage was reported in the area between Plum Coulee and Gretna. Average precipitation for the province since April 1 has been 7 per cent above normal as compared with 5 per cent above normal two weeks ago, 12 per cent above normal a week ago and 22 per cent above normal a year ago. Mean temperature for the week ending July 8 was 1.8 degrees above normal as compared with 1.7 degrees below normal two weeks ago, 1.3 degrees below normal a week ago, and 4.5 degrees below normal on July 9, 1956.

SASKATCHEWAN Crops throughout Saskatchewan are quite variable due to the uneven distribution of rainfall. However, in spite of the limited moisture supply crops have held up fairly well, particularly those seeded on summerfallow.

In general moisture reserves are low and the high temperatures of the past week-end will result in some decline in prospects. General rains are required in most areas to maintain prospects and to prevent serious deterioration. In the southern areas moisture conditions are fair to good in the southeastern and southwestern districts while crops in the south-central part are holding up fairly well. Recent rains have generally helped conditions across the central areas while heavy rains have greatly improved the situation in the northeast. Across the north from Prince Albert to North Battleford and Lloydminster precipitation has been light and immediate rains are required to ease crop deterioration. Wheat now averages some 15 inches in height and coarse grains 13 inches. Hail damage is increasing and heavy losses have been reported from some points.

From Fillmore in southeast Saskatchewan our correspondent reports that summerfallow crops are thick, about 5 per cent headed, and making good progress. Stubble crops are only fair. Flax is about six to eight inches high and stands are generally heavy. The Experimental Farm at Indian Head reports continued hot, dry weather is retarding crop growth. Persistent winds have aggravated this situation. Wheat crops are heading and oats and barley are in the late shot blade stage. Crops on summerfallow are not suffering but will need a good rain to fill properly. Pastures are drying up rapidly. Hay-making is in progress but the crop is the lightest since 1949. There are no grasshoppers nor rust in evidence as yet in this area.

Around Big Beaver in south-central Saskatchewan wheat, oats and barley are some 50 per cent headed. Wheat heads are three inches long and filling poorly, while late barley crops are at a complete standstill due to lack of moisture. Other crops are deteriorating because of excessive heat and lack of moisture. Grasshoppers caused about 5 per cent damage but no hail is reported in the district. Hay crops are very poor. The Experimental Farm at Swift Current reports that half an inch of rain during the past week and moderate temperatures have maintained crops in good growing condition but that moisture reserves are gradually being depleted. Barley is 50 per cent headed and wheat is starting to head. Rye is in flower but needs rain for filling. Flax fields are very uneven but making satisfactory growth and pastures are holding up well.

Around Val Marie in southwest Saskatchewan no rain has been received during the past week and the weather is very dry and hot. Crops are deteriorating quickly. Haying is in full swing and yields on irrigated land will be good but poor on dry land. There is insufficient moisture to fill grain crops and prospects are assessed as poor. Farther west and north around Leader growth of all crops has been very good. Early crops are all headed and later-sown fields are in shot blade. Flax is in blossom. Moisture reserves are still fair.

In east-central Saskatchewan around Togo conditions remain dry and rain is needed to maintain crop prospects. The hay crop is light. Cool weather to date has prevented serious deterioration. Because of the dry weather coarse grains are poor and wheat is only fair around Willowbrook. Rain is needed badly. Gardens and pastures are fair to good.

In the Sturgis district wheat is heading out about 15 inches high. Only local showers have fallen this crop season and crops on light land will not be heavy. Rainfall to date has been above that received last season but below the long-time average. The north portion of the Drake district in central Saskatchewan was hailed out almost completely July 6. Half an inch of rain was received last week. About 5 per cent of the wheat is headed and the grain height varies from one to two and one half feet.



Haying has been delayed to allow time for more growth. Crop prospects are generally average.

Around Rosetown in west-central Saskatchewan all crops remain in very satisfactory condition and are assessed at 100 per cent of normal. Wheat and barley are partly headed and early flax fields are starting to bloom. Some stubble fields of wheat and barley have short straw. The Experimental Farm at Scott reports that in west-central Saskatchewan the bulk of the early-sown grain crops are heading short, and following recent rains, new stools are starting. The indications are that yields will be below average and the quality will be variable. Hay is yielding poorly, but pastures have improved temporarily. Although the acreage seeded to rapeseed was large the prospects are generally poor.

In the Melfort district in northeast Saskatchewan light, scattered showers during the past week have been very beneficial to crops. Summerfallow wheat and barley are in shot blade and Polish rape is in flower and stands are generally good. Grain stands are shorter than last year due to dry, spring weather. Haying operations are under way but yields are considerably lighter than a year ago.

The Dominion Entomological Laboratory at Saskatoon reports that aphids on flax are widespread throughout west-central Saskatchewan but no damage has resulted as yet. Eggs of the Bertha army worm are common in some fields of flax and rape examined in the Semans area of central Saskatchewan and this condition is probably general in all areas which were infested last year. The following hailstorms were reported: June 29, Southey Markinch area (medium), Sintaluta to Wolseley to Deveron (medium); June 30, Talmage to Griffin to Viewfield (medium to heavy); July 1, Canwood area (light), St. Walburg area (light), Reward area (medium); July 3, Major area (light); July 4, Rocanville area (heavy), Ryerton area (heavy); July 6, Plunkett to Guernsey to Senate to Leroy to Quill Lake (heavy), Lockwood, Wynyard, Wadena areas (medium), Conquest to Outlook to Glenside to Kenaston (light, Laura to Delisle to Vanscoy (heavy), Mead area (light), Tramping Lake and Leipzig areas (light).

Average precipitation for the province since April 1 has been 29 per cent below normal compared with 31 per cent below normal a week ago, 15 per cent below normal two weeks ago, and 4 per cent below normal a year ago. Mean temperature for the week ending July 8 was 0.2 degrees above normal compared with 1.3 degrees below normal a week ago, 1.9 degrees above normal two weeks ago and 4.4 degrees below normal for the week ending July 9, 1956.

ALBERTA Showers to fairly good rains have brought relief to a number of areas in Alberta. However, crop development is extremely variable and a good general rain is needed in most parts of the province to maintain growth and to halt deterioration in areas where seasonal precipitation has been light to date. It is considered that at least average crops may be harvested if the necessary precipitation is forthcoming. The hail season is under way, with a number of storms reported.

Barley has headed and wheat is heading in the Manyberries district in the southeast. Ranges and livestock are in good condition. Crops are generally good in the Medicine Hat area with wheat averaging 18 inches in height and 75 per cent headed. Oats are up 15 inches and about 15 per cent in head, while barley is up 15 inches and 50 per cent headed. Flax averages 12 inches in height and is mostly in bloom.

Fall rye is filling and promises a fair crop. Rain is now needed.

The Experimental Farm at Lethbridge reports that warm, dry weather during the past week in the area south of Calgary has promoted good growth of all crops. Canning peas and corn are 10 days earlier than average and prospects are satisfactory. Early potatoes will be ready in about two weeks. At Cardston in the extreme southwest early spring crops are heading but all spring grain requires moisture. Fall crops are heading well. All grains are heading early in the Claresholm district and flax is starting to bloom. Haying has started with yields somewhat lighter than last year. Crops are generally two weeks ahead of those of 1956, with sufficient moisture remaining for a few days requirements.

Hot, dry windy weather has prevailed in the Brooks area, where unirrigated pastures and crops are suffering from lack of moisture. However, irrigated crops are doing well, with most cereals headed and flax and peas in bloom. The first cutting of alfalfa was fair. Farther west at Vulcan crops are considered to be only 75 per cent of normal due to hail and cutworm damage. Some crops have already been hailed three times. Early-sown barley is headed. Pasture land appears to be recovering after recent rain. Rape and mustard crops are very patchy.

All crops are making good progress in the Calgary district but a good rain would be welcome. Average height of crops is as follows: wheat, 15 inches; oats and barley, 16; and flax, 10 inches. Early-sown grain is now heading but will need rain to make an average yield. Farther north at Olds fairly heavy showers during the past week have provided sufficient moisture for 10 days requirements. Crops are making good progress, with some early grain heading. Hail damage is estimated at about 5 per cent.

In the central part of the province around Sedgewick crops are holding well but rain is needed. Rape and late barley have been damaged to some extent by cutworms. The hay crop is good. Early-sown crops in the Donalda district are heading with medium-sized heads. Crops appear satisfactory but moisture conditions are not too good. Hay and pasture crops are only fair. Conditions are generally good in the Stettler area following a quarter inch of rain last week. Subsoil moisture reserves, however, are below normal. Wheat is starting to head at an average height of 1 1/4 inches. Hay and pasture prospects are good.

Around Lacombe in the west-central section of the province showers over the week end aided cereal crops in most areas. However, more rain is needed almost immediately to prevent deterioration of these crops. Some barley fields are beginning to head. Hay and pasture crops are in fair to poor condition due to lack of moisture. Farther west at Eckville moisture reserves are satisfactory. Barley is 30 per cent headed and oats will be coming into head by the end of the week. Haying is about 10 per cent completed. Pastures remain good and summerfallows are in fair to good condition.

East of Edmonton at Vermilion crops and pastures are making a good recovery following recent rains. About half the wheat acreage is headed. Late-sown oats and barley have now germinated but poor yields are anticipated. Moisture conditions in the immediate vicinity of Edmonton are fair but areas to the north and east are badly in need of rain. Present crop prospects in this area are deemed to be only fair to average. West of Edmonton at Stony Plain the first cut of hay is well under way with light yields. Some early barley is in head but most crops are not as far advanced as usual due to dry June weather.



In the northeast of the province around Bonnyville a good general rain over the week end relieved the serious drought situation and is expected to assure feed requirements. Early-sown grain is now heading but fields are patchy, thin, and short. Yields generally will be below average. No hay has been harvested as yet but prospects for second growth are fair. A recent general rain in the Athabasca area has improved moisture conditions and crops are now progressing favourably. Present indications are for an earlier than usual harvest in this area, with yields at average or a little above average levels.

The Experimental Farm at Beaverlodge in the southern part of the Peace River District reports moisture supplies are now adequate but that early drought in many areas retarded development of cereal crops. Early-seeded barley is now headed but wheat and oats are less advanced and have been more affected by lack of moisture. Rapeseed, which is a new crop in this district, is in bloom and growing vigorously. Grasses and legumes for seed production are developing satisfactorily. At Berwyn north of the Peace River heavy scattered showers with some light hail have been reported. A general rain would be welcome. Sixty per cent of the barley has headed on very thin and short stands. Forty per cent of the wheat is in head but heads are small and straw short. Flax is coming into flower on very uneven stands. At Fort Vermilion in the far north of the province showers were general during the past week and present moisture reserves are excellent. A hail storm last Friday severely damaged cereal plots at the Experimental Farm and also injured nearby fields. Present reports, however, indicate that the damage was not widespread. Hay and pasture crops are fair and are now improving following recent rains. Flax and coarse grains are in generally good condition, with scattered blooming and heading occurring.

The Alberta Hail Insurance Board reports hail storms on July 3, 5, 6 and 7 from Coaldale to Cranford, from Priddis through Chestermere and Langdon to 15 miles east of Tudor and Standard; from Wessex through Crossfield and then towards Beiseker. Local storms also occurred at Namaka, Rockyford, Cremona, Millet, Onaway and Bonanza. Damage in most cases amounted to 50 per cent or more in the centre of the hail strips.

Average precipitation for the province since April 1 has been 26 per cent below normal as compared with 28 per cent a week ago, 30 per cent below normal two weeks ago and 8 per cent above normal a year ago. Mean temperature for the week ending July 8 was 1.5 degrees below normal as compared with 3.0 degrees below normal a week ago, and 0.5 degrees above normal two weeks ago, and 1.9 degrees below normal for the week ending July 9, 1956.

#### BRITISH COLUMBIA

In the Kootenay region, around Creston, the first cutting of hay has been harvested and high yields were obtained. Both pastures and second-growth hay now require rain for maximum production. Picking of an average crop of strawberries is almost completed. Raspberry picking has commenced and above average yields are anticipated. Tree fruits are expected to produce average yields. Seed peas and cereal grains are making favourable growth. In the Peace River District of British Columbia the weather has been unsettled, cool and windy with no serious hail damage reported. Moisture conditions are still low in some areas. Early-seeded crops are heading. The hay crop was light but prospects for grass and clover seeds are fair.

Around Williams Lake, in the central interior, continuous cloudy, showery weather has seriously delayed haying operations. Range conditions and crop growth are excellent. In the Prince George area temperatures have been well below normal with cloudy days and frequent showers. Total precipitation, however, has been low. Forage crops are being harvested for silage but it is too wet for haying operations. Forage yields in this district are moderate to poor due to a lack of spring moisture. Cereal crops are heading but both moisture and heat will be required for satisfactory development.

A report from Summerland indicates that apricots are moving in the south Okanagan and with the crop half harvested both yields and quality have been good. Peaches are sizing well and give prospects of a fine crop. Early apples will soon be going to market and prospects for this crop are also good. The Oriental fruit moth apparently is under complete control to date. Tomatoes are very satisfactory and the early fresh market is now being supplied. Harvesting of second-growth hay is now in progress.

Heavy rains which commenced in the Lower Fraser Valley on July 8 have restored soil moisture conditions to normal. Pastures are holding well in this region and second-growth hay is approaching the harvest stage at least three weeks ahead of normal. The corn crop looks very promising. Harvesting of canning peas is at its peak and both yields and quality are good. The pole bean crop also appears promising. Raspberries are at their peak and an unusually short harvest season is indicated. Potatoes look good and spraying is in full swing. Oats are fully headed and crops generally are above average. On Vancouver Island soil moisture is above normal for this time of year. Although showers have benefited pastures haying operations have been delayed. Second-growth hay is progressing well and good yields are indicated for both potatoes and cereal crops. The strawberry harvest is completed and loganberries are coming into full production.

A report from the Entomological Laboratory at Kamloops indicates that grasshoppers continue to cause some concern and there is minor control activity in several areas in the south-central part of the province.



Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. July 8, 1957	since April 1	since April 1	July 8	
		- inches -			- degrees F. -	
<b>MANITOBA</b>						
1	Pierson	.21	7.92	6.36	66	65
	Melita	.32	6.02	8.14	67	65
	Waskada	.23	6.70 <sup>2/</sup>	7.13	65	66
	Deloraine	N.R.	6.63 <sup>2/</sup>	6.77	67	66
2	Boissevain	.25	7.72	6.40	66	65
	Deerwood	.71	8.78	6.67	68	65
	Ninette	.31	6.23	7.01	66	66
	Portage la Prairie	.17	8.04	6.58	69	65
3	Macdonald	.11	6.93	6.58	68	65
	Graysville	.58	7.96	7.24	68	65
	Morden	1.51	8.37	6.98	70	66
	Altona	1.88	8.54	6.87	67	66
	Morris	.77	9.12	6.59	70	66
	Roland	.81	7.88	6.53	67	66
	Gretna	.60	6.34	6.13	69	66
	Emerson	3.80	11.09	6.13	69	66
4	Winnipeg	.56	8.85	7.33	68	66
6	Sprague	1.92	10.76	7.26	64	64
	Seven Sisters Falls	.25	4.28	5.23	67	64
	Steinbach	.45	10.02	6.59	68	66
7	Virden	.47	4.83	5.86	66	63
	Reston	.24	5.97	7.01	64	64
	Rivers	.11	5.18	6.63	65	64
8	Brandon	.17	5.63	6.64	65	64
	Cypress River	.46	8.82	6.49	66	65
9	Neepawa	.09	7.29	6.54	67	64
10	Russell	.08	2.43	6.27	63	62
	Rosburn	.18	6.11	6.27	65	62
	Birtle	.24	7.44	6.38	65	63
11	Dauphin	.10	4.53	5.45	65	63
12	Gimli	.19	7.04	7.18	67	65
13	Swan River	.13	3.79	6.43	64	62
	The Pas	.36	3.19	4.82	62	64
<b>MANITOBA AVERAGE</b>		.57	7.00	6.56	66.5	64.7
<b>SASKATCHEWAN</b>						
1A	Estevan	.27	5.42	6.50	66	65
	Carlyle	.43	4.41	6.78	63	63
	Oxbow	.29	4.45 <sup>2/</sup>	6.55	N.R.	64
	Willmar	.39	5.01	6.25	N.R.	N.R.
1B	Broadview	.36	3.64	5.79	62	63
	Moosomin	.34	4.69	5.82	65	64

Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m.	since	since	July 8	
		July 8, 1957	April 1	April 1	1957	Normal
		-	inches	-	- degrees F. -	
<b>SASKATCHEWAN (continued)</b>						
2A	Yellow Grass	.24	4.13	6.30	66	64
	Creelman	.32	5.40 <sup>2/</sup>	6.07	65	64
	Weyburn	.31	4.70	6.58	64	64
	Midale	.19	5.27	6.80	65	64
2B	Moose Jaw	.13	4.29	6.36	64	66
	Regina	.23	3.94	6.28	64	63
	Rowatt	.28	3.23 <sup>2/</sup>	6.20	N.R.	63
	Francis	.21	4.14	5.40	63	63
	Qu'Appelle	N.R.	1.76 <sup>2/</sup>	7.42	N.R.	64
	Indian Head	.22	5.22	7.25	63	63
	Wilcox	.41	4.12	6.29	63	63
	Assiniboia	.28	4.21	5.50	64	65
3AS	Ormiston	.27	3.69	5.71	65	65
	Readlyn	.38	4.74	5.50	65	65
	Viceroy	.45	5.07 <sup>2/</sup>	N.R.	65	N.R.
	Minton	.87	5.27	7.15	65	64
	Cardross	.13	3.72	5.71	71	65
	Ceylon	.43	4.98	7.82	64	65
	Chaplin	.02	3.63	6.69	65	65
	Gravelbourg	.25	4.22	5.83	63	64
3AN	Coderre	.17	5.53	5.71	63	64
	Shaunavon	.67	4.45	5.34	62	63
	Cadillac	N.R.	3.71 <sup>2/</sup>	7.79	N.R.	63
3BS	Pambrun	.65	4.95	6.00	64	64
	Aneroid	.31	3.70	6.57	63	63
	Instow	N.R.	3.45 <sup>2/</sup>	5.59	N.R.	64
	Pennant	.59	3.16 <sup>2/</sup>	6.90	62	64
	Swift Current	.51	4.17	6.31	62	65
	Hodgeville	N.R.	3.16 <sup>2/</sup>	6.05	N.R.	64
	Hughton	.28	5.35	5.82	63	62
	Maple Creek	.49	2.82 <sup>2/</sup>	6.11	65	63
4A	Consul	.32	3.44	5.30	62	61
4B	Roadene	N.R.	3.22 <sup>2/</sup>	5.83	N.R.	62
5A	Cupar	.15	3.56	5.56	64	61
	Leross	.34	5.41	6.40	62	61
	Melville	.07	3.30	5.89	63	62
	Yorkton	.04	2.72	5.97	64	62
	Bangor	.10	2.60	5.89	63	62
	Dafoe	.43	3.87	5.63	62	61
	Foam Lake	.02	2.53 <sup>2/</sup>	6.00	65	61
	Lintlaw	.54	3.43	5.99	60	61
5B	Kamsack	.13	3.17	5.24	63	62
	Buchanan	N.R.	2.08 <sup>2/</sup>	6.00	N.R.	62
	Pelly	.31	3.45 <sup>2/</sup>	5.99	60	61



Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. July 8, 1957	since April 1	since April 1	July 8	
			- inches -		1957	Normal
- degrees F. -						
<b>SASKATCHEWAN (concluded)</b>						
6A	Davidson	.21	5.41	5.19	65	64
	Dilke	.17	3.48	5.65	N.R.	N.R.
	Imperial	.13	3.39	5.33	64	64
	Semans	.22	3.42	4.08	63	62
	Strasbourg	.08	2.56	5.95	62	62
	Watrous	.85	5.24	4.66	62	62
6B	Harris	.83	4.37	5.65	63	63
	Outlook	.20	3.65	4.02	65	63
	Saskatoon	.65	3.81	5.28	63	62
	Elbow	.17	4.02	5.30	64	63
	Tugaske	.08	3.47 <sup>2/</sup>	5.27	63	63
	Dundurn	.43	3.87	6.39	63	63
	Rosthern	.74	3.38	5.36	62	63
	Kindersley	.29	2.05	4.79	63	61
7A	Rosetown	.33	4.04	5.84	62	60
	Macklin	1.44	3.13	5.93	61	60
7B	Scott	.51	3.04	5.17	61	61
	Biggar	.44	3.21	5.79	63	62
	Ruthilda	N.R.	.58 <sup>2/</sup>	5.79	N.R.	N.R.
8A	Hudson Bay	.74	4.22	5.87	60	63
	Porcupine Plain	.25	3.58	5.77	62	62
8B	Humboldt	.15	3.73	4.95	62	62
	Melfort	.78	5.33	5.39	58	62
9A	North Battleford	.84	4.01	5.69	63	64
	Rabbit Lake	N.R.	2.77 <sup>2/</sup>	5.63	N.R.	62
	Leask	.38	3.75	5.54	61	62
	Prince Albert	.50	5.03	5.71	61	63
	Island Falls	3.29	8.99	5.63	61	63
9B	Waseca	.64	2.24 <sup>2/</sup>	5.67	60	60
<b>SASKATCHEWAN AVERAGE</b>		.41	4.16	5.89	63.1	62.9
<b>ALBERTA</b>						
1	Bindloss	N.R.	6.00 <sup>2/</sup>	5.13	N.R.	65
	Empress	.16	1.97	5.72	62	67
	Excel	N.R.	2.34 <sup>2/</sup>	4.68	N.R.	62
	Foremost	.19	6.29	7.35	62	68
	Hanna	.50	3.27	6.93	60	65
	Manyberries	.12	4.21	5.49	64	67
	Medicine Hat	Trace	3.05	5.32	67	66
	Naco	.76	4.07	6.05	60	62
	Oyen	.10	2.86	4.68	N.R.	N.R.
	Winnifred	.04	4.27	4.96	N.R.	N.R.



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Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

Province and Crop District	Station	Precipitation			Mean Temperature		
		Week ending	Total	Normal	Week ending 8 a.m.		
		8 a.m.	since	since	July 8		
		July 8, 1957	April 1	April 1	1957	Normal	
		- inches -			- degrees F. -		
ALBERTA (concluded)							
2	Brooks	NIL	3.15	5.02	63	67	
	Drumheller	.86	4.41	6.45	63	66	
	Gleichen	.44	5.83	5.60	61	61	
	Hays	NIL	2.68	4.81	65	64	
	Hussar	.48	4.97	5.82	N.R.	N.R.	
	Lethbridge	.10	6.42	6.28	65	64	
	Strathmore	.16	3.05 <sup>2/</sup>	6.34	63	61	
	Taber	.37	4.62	5.28	64	64	
	Three Hills	.22	5.04	6.00	59	60	
	Trochu	.28	4.01	6.36	57	59	
	Vauxhall	.10	2.69	4.90	64	66	
	Vulcan	.32	5.54	6.46	63	62	
3	Calgary	.46	4.84	6.97	59	61	
	Cardston	.11	5.91	9.32	60	64	
	Cowley	Trace	7.47	7.08	60	60	
	Fort MacLeod	.45	6.39	5.99	63	65	
	High River	.02	6.01	7.64	59	60	
	Magrath	.04	5.10	8.10	63	62	
	Olds	.57	6.22	6.57	57	59	
	4	Alliance	.65	4.37	5.38	60	62
		Camrose	.42	4.35	6.16	59	61
		Coronation	.51	3.31	5.12	62	62
		Hardisty	N.R.	3.31 <sup>2/</sup>	5.65	N.R.	N.R.
		Hughenden	.36	2.71	5.55	65	65
Lloydminster		.70	2.82	5.13	61	60	
Stettler		.28	4.24	7.06	61	59	
Vegreville		1.05	2.30	6.99	60	59	
Vermilion		1.17	4.48	6.44	59	60	
5		Edmonton	.29	2.62	6.46	61	61
		Lacombe	.43	4.89	6.95	59	60
		Red Deer	.40	6.88	8.09	58	59
	Rocky Mountain House	.33	4.46	7.29	55	58	
	Wetaskiwin	.96	4.63	6.37	59	60	
6	Athabasca	N.R.	4.35 <sup>2/</sup>	5.71	N.R.	60	
	Campsie	1.07	3.81	6.45	57	60	
	Edson	.79	5.25	6.09	54	58	
	Elk Point	1.0	3.58	5.66	58	60	
	Embarras	.06	1.80	3.31	61	64	
	Lac la Biche	1.59	3.59	5.87	58	60	
	Whitecourt	.58	4.89	6.37	55	60	
	7	Beaverlodge	.90	5.21	4.75	57	59
		Berwyn	N.R.	2.46 <sup>2/</sup>	5.24	N.R.	59
Fairview		.85	3.39	4.32	58	59	
Grande Prairie		.75	4.73	5.67	58	59	
High Prairie		1.27	4.15	5.66	57	60	
Keg River		N.R.	3.76 <sup>2/</sup>	5.30	N.R.	60	
Rycroft		N.R.	2.22 <sup>2/</sup>	4.07	N.R.	60	
Wagner		1.21	5.77	5.75	57	60	
ALBERTA AVERAGE		.48	4.40	5.97	60.2	61.7	

N.R. - No report. <sup>1/</sup> Source: Meteorological Service of Canada.

<sup>2/</sup> Incomplete; not included in average.