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TELEGRAPHIC CROP REPORT — CANADA

This is the seventh 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 eleventh 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: Recent rains have ended the drought condition and greatly improved crop prospects throughout the Maritime Provinces. The moisture, however, arrived too late to benefit hay yields which are down this year in Prince Edward Island and Nova Scotia. Continued unsettled weather in Prince Edward Island is reported to be hampering the final hay-making operations. The grain is growing well although not much has started to ripen. In Nova Scotia wet weather has also delayed completion of haying. Pastures are improved and the grain crop is promising. Crops in New Brunswick are developing well after the recent rain which impeded hay-making. Some grain fields are ripening and good potato yields are anticipated.

Quebec: Crop conditions have varied greatly from district to district in Quebec during the past two weeks. While the Montreal area was dry, Abitibi was enjoying ideal weather and heavy rainfalls damaged crops in Bois-Franc and Eastern Townships. With the exception of the latter districts cereals are ripening very well and harvesting has commenced in several counties. Heavy yields are reported. Pastures lack leguminous growth due to the wet spring and farmers are having to pasture herds in aftermath and even start supplementary feeding with grain cut green. Potatoes promise to be a good crop and other vegetables are progressing normally. Tobacco is very good. Factories are canning string beans and the outlook is for a heavy tomato crop.

Ontario: The weather since mid-July has been excellent for harvesting of grain crops and during this period cutting, combining and threshing operations have proceeded rapidly over the whole of Old Ontario. The harvesting of fall wheat is practically completed with yields about average and quality ranging from fair to good. Cutting of spring grains is nearing completion in Old Ontario except for late seedings and late varieties. Yields are generally above average and quality is very good. Haying is almost completed in northern Ontario, with spring grains colouring rapidly and harvesting expected to commence between August 15 and 20 in most of the district. Harvesting is well under way in eastern Ontario. Corn, soybeans, dry beans, sugar beets and

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1957.

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late potatoes have made very good growth up to now but need rain at the present time for continuous satisfactory development. Corn borer is causing trouble in some areas. Considerable damage was done to the Norfolk tobacco crop by the hail storm of last week. Harvesting of flue-cured tobacco is under way in Norfolk and has commenced in Middlesex. Pastures over the whole province are quite dry from lack of moisture and milk production which held up well during July is now tending to decline. Heavy precipitation is needed throughout the whole province.

Prairie Provinces: Considerable progress has been made with harvesting in southern areas of the Prairies and some swathing has been done in most districts of all three provinces. Recent heavy rains will delay operations, particularly in Alberta and Manitoba. Harvesting, however, is expected to be general in all districts of Saskatchewan this week and, given dry weather, operations will start again in Manitoba by the end of the week. The rains will still help late-sown grain crops in Manitoba and Saskatchewan but will have little effect on much of the crop. In Alberta crops in central and northern areas will benefit considerably from recent rains and prospects have, therefore, improved in these areas.

British Columbia: Generally cool, showery weather has prevailed throughout the province during the past two weeks. Development of tomatoes, cucumbers and onions has been retarded and harvesting of second-growth hay has been difficult. Grain crops in the northern Peace River District are slow in ripening and are a week to ten days later than normal while in southern areas of the District crops vary from late to well advanced. Harvesting of peas has commenced in the Armstrong area and is almost completed in the Lower Fraser Valley. Oats in the Fraser Valley are ripening rapidly and corn growth is the best in years. In the Okanagan Valley prospects for the apple crop appear good.

MARITIME PROVINCES In Prince Edward Island, recent rains have benefited all crops. Haying is nearing completion with yields well below average. Pastures are recovering from the recent drought. Grain fields look promising with a slight amount of lodging reported. It is expected that harvesting of grain will not be general for about two weeks with very little starting to ripen at present. A good potato crop is in prospect with only a trace of late blight reported. The apple crop is sizing well.

Reports from the Truro area of Nova Scotia state that wet weather has delayed the completion of haying with considerable marsh and lowland areas still to be cut. This crop has benefited from the recent rain. Pastures are in good grazing condition although, in certain sections of the province, still short due to the drought. The grain outlook is favourable with adequate moisture for filling. In the Amherst district the earliest fields are now turning colour while in the Annapolis Valley, the grain harvest has begun with average yields reported. Potato crop prospects are about average. The late crop of canning peas is now about all harvested with above average yields reported. Early potatoes are 60 per cent harvested in the Annapolis Valley. More moisture is required. Reports state that blueberries are very good this year.

Crops in New Brunswick are now doing well with an adequate moisture supply available following the recent rains. Hay making operations have been hindered by the wet weather. Although some hay was spoiled by the rain, generally good quality crops are reported. Pastures are above average. Good yields of grain are anticipated although considerable lodging in some areas is reported. Some fields of grain are now ripe. In general, good yields of potatoes are expected although some fields are exceptions with certain instances reported of excellent top growth but light tuber set. Blight is reported in scattered areas. Silage corn is developing rapidly with a heavy growth showing. The bean crop

is promising. Apple development is satisfactory although there was some damage by hail three weeks ago. The wet weather has rendered crop protection more difficult and aphid numbers are still increasing. Reports from the Perth area indicate that fine weather prevailed during the past week materially aiding hay making. About 75 per cent of the hay crop has now been harvested with average yields and quality reported. The grain fields are beginning to ripen and a good crop is indicated. Harvesting has not yet started. Potatoes are growing well. Although some blight is apparent this condition is not general.

QUEBEC In the L'Assomption area, east of Montreal, haying is completed and the cereal harvest is in full swing, with very good yields. Corn prospects are good to fair, as are canning beans, corn and tomatoes. Raspberry picking is drawing to an end but yields were poor. Harvesting of flue-cured tobacco is general with yields and quality good. A hail storm on August 3 struck the cigar tobacco district causing severe to light damage. Pastures are good.

At St. Jean weather conditions have been about normal for the past two weeks and canning crops have yielded exceptionally well. Grasshoppers are slightly more abundant in some crops. Farther east at Lennoxville haying is not yet completed. Rain and wind have caused some damage to cereal crops. Hoed crops and pastures are fair and aftermath is good where hay was cut early.

At Ste. Anne de la Pocatière, east of Quebec City, the weather has improved and haying is well advanced. Fall wheat has been harvested. The barley harvest will get under way next week, followed by oats. Some lodging has occurred. Potatoes are growing well but corn is below normal. Pastures remain good. No severe disease nor insect outbreaks are in evidence.

The Experimental Farm at Normandin reports that extremely wet weather in July handicapped haying considerably and quality was accordingly poor. About 25 per cent of the crop remains to be cut. Grain crops lodged badly following the storm on August 3. Otherwise crop prospects are good and aftermath and pasture excellent. Potatoes and vegetables are also very good. Small fruits are excellent with the exception of raspberries and blueberries which are poor.

Haying is about 60 per cent completed in the Gaspé Peninsula and Baie des Chaleurs region. Fine weather has prevailed for the past ten days and condition of crops has improved. Potatoes and hoed crops are promising, raspberries are in production and yielding heavily, and vegetables are doing well except for celery and corn. Milk production is satisfactory.

ONTARIO With little or no rain for over a month in Simcoe County harvesting has proceeded at a record pace. Most of the fall wheat is now threshed and 75 per cent of the spring grain is stooked or swathed. A good start has been made with threshing and combining and yields are satisfactory. Pastures, second-cut hay, corn and potatoes all need rain. At present corn only promises half a crop. The tobacco harvest has started in the New Lowell area and a good crop is reported. Harvesting of grain is also well under way in Bruce County with satisfactory yields reported. All crops have made excellent progress but moisture is now needed for late crops and hay aftermath.

Our correspondent at Arthur reports that most of the fall wheat has been harvested, with average yields of good quality grain indicated. In South Wellington harvesting of spring grain is in full swing and a start has been made in the north. Quality and yield

of spring grain are generally outstanding but early potatoes and some turnips have produced only average yields. Excellent harvesting weather has prevailed in Waterloo County and the spring grain harvesting is progressing rapidly. Some second-cut hay is also being harvested. Persistent dry weather has adversely affected pastures and caused a slight setback in milk production. The fall wheat harvest is completed with good to above normal yields. Oats are 60 to 70 per cent harvested with yields above normal. The spring grain harvest has also made excellent progress in Halton County, with at least 75 per cent of the crop cut. Yields and quality are above normal. Pastures and milk flow are also above normal for this time of year. Some excellent second crop alfalfa is being cut and the apple crop is sizing well, with early varieties now on the market.

Harvesting is progressing rapidly in Middlesex County with generally ideal weather prevailing. Wheat at 30 bushels per acre and barley at 35 are somewhat below anticipated yields but oats are turning out well, with up to 90 bushels per acre reported in some cases. The corn crop is variable but soybeans are promising. With only scattered showers in the past three weeks pastures are dry in some areas and milk production is declining. The spring grain harvest is now being completed in Kent County with average yields reported. Most other crops look promising. Some crops, particularly tomatoes, have suffered water damage and yields will be reduced to some extent. Pastures are above average for this time of year. The corn earworm is on the increase and untreated potato fields have suffered extensive injury from potato leaf hoppers. Bean yields will be reduced by attacks of leaf hoppers and clover worms.

Corn and soybeans are making fairly good growth in Essex County where a good crop of second-cut hay is now being harvested. Oat combining is nearing completion. The early tomato harvest is practically completed and processing tomatoes are growing fairly well where the crop was not severely affected by rainfall in July. The peach harvest is in progress, with good yield and quality reported. Harvesting of vegetable crops and early potatoes is continuing. The Experimental Farm at Harrow reports that prospects for crops including corn, soybeans and canning tomatoes have improved in Essex County but that average yields will be lower than normal. The flue-cured tobacco harvest is well under way with low yields reported. Harvesting of burley tobacco will commence next week. Soybean prospects on Pelee Island are not as good as anticipated earlier in the season. Many crops were injured by heavy rain and did not recover. At the present time dry weather is causing too early maturity and the yield outlook is not too good.

Hot, dry weather up to the last few days reduced prospects in Picton County. About two-thirds of the corn crop is poor and one-third good. Corn borers are on the increase. Tomato prospects are slipping and much black rot is evident. Tomato and potato aphids have increased.

Crop growth is favourable in Leeds County but a good general rain is needed. Pastures have held well but are now failing. Half of the spring grain crop is harvested with above normal yields. Corn prospects are excellent. About 25 per cent of the spring crop has been harvested in Dundas County. Yields of 90 to 100 bushels of oats per acre are common, with some of the best grain in years being harvested. Milk production is dropping as pastures are drying up and rain is needed in all sections of the County. Apples will be a below average crop but quality is good. The spring grain harvest is well under way in Renfrew County under ideal conditions. Yields are average and quality good. Harvest of second-cut alfalfa has commenced and an above average number of fields of red clover will be cut for seed. Silage corn is well advanced and in excellent condition. Pastures would benefit by rain.

The Experimental Farm at Kapuskasing reports haying operations nearly completed with above average yields cured in very good condition. Aftermath is slow to recover and pastures are deteriorating rapidly. Moisture is needed. Grain crops are ripening and may be ready to cut by the end of this week.

MANITOBA Previous to general rains during the past two days in Manitoba harvesting had been general at Melita and in an area extending eastward to Altona and bordered on the north by No. 1 highway. Some swathing had been done in the area from Gladstone northwest to Roblin, with occasional fields of fall rye and early-sown barley threshed. Stands of grain vary considerably. Wheat and oats are generally satisfactory while barley is disappointing with lower yields than expected. Aster yellows in flax is quite general and will depress yields. The flax crop is variable and in many cases quite weedy. Special crops are making satisfactory progress and yields look promising. Recent rains will have little effect on the bulk of the crop but will help late-sown grain, pastures and second-cut hay. Haying is practically completed except for second-cut hay and some wild hay.

Harvesting was in full swing at Altona before the weekend rain. Threshing should recommence by Thursday. Barley and oats yields are below expectations in bushels and weight per bushel. The rain is excellent for soybeans. Sunflowers are in full bloom, corn in full silk and peas are maturing. The Experimental Farm at Morden also reports that rains will delay harvesting for about a week. Swathing is well advanced with considerable combining completed. Yields are somewhat disappointing. Hot weather reduced outturns by 20 per cent during the past two weeks. Recent rains will benefit some crops and pastures.

Several inches of rain at the beginning of this week have stopped and will delay harvesting at Pilot Mount. Swathing of wheat and barley had been general and some barley had been combined. Crop outturns appear promising although flax yield will be greatly reduced by aster yellows. At Melita 1.5 inches of rain was received, too late to help early crops. Harvesting completed is estimated as follows: wheat 15 per cent, barley 25, rye 50, oats 20, and flax 5 per cent. Yields vary from fair to very poor. A hay shortage is anticipated in this district. Extensive hail damage has occurred at points in nearby districts.

Our correspondent from Portage la Prairie reports that harvesting is general but recent rains will delay operations for a few days. Estimated yields are: flax 7, wheat 20, oats 30, barley 28, and peas 18 bushels per acre. The barley sample is reported to be better than in recent years. The Experimental Farm at Brandon reports that swathing of wheat and coarse grain is 35 per cent completed and threshing is under way. Heavy rain will delay operations for a while. Excessive heat has reduced grades of grain and deterioration of the flax crop continues with yield prospects lowest in several years. Pastures are excellent.

In west-central Manitoba at Neepawa grain swathing is general and combining is expected to be general this week. The quantity and quality of the crop will be somewhat lower than expected. Precipitation in the area is good and pastures are fair to good. Farther west at Shoal Lake a light general rain on Monday will provide sufficient moisture to mature the crop. Swathing will be general towards the end of this week, with the occasional farmer reporting some combining already started. Barley yields are comparatively light but the sample weight is good. Wheat stands indicate slightly above average yields while potatoes vary from poor to good. Extensive hail damage has occurred in isolated strips throughout this area during the past two weeks.

The Canadian Hail Underwriters' Association reports the following hail storms: July 31 - area southwest of line through Butler, Virden, Hartney and Goodlands (medium to heavy); August 1 - Binscarth and Foxwarren to Oakburn (heavy), Ralston to

Brandon (medium), Justice to Neepawa (light), Carberry to Pratt (light), Minto to Belmont, Baldur, Pilot Mound (light); August 6 - Ewart to Reston, Napinka, Goodlands (medium), Hargrave to Oak Lake (heavy), Hamiota to Rapid City and Minnedosa (heavy); August 7 - Newton Siding (medium) and Rosser area (light).

The average precipitation since April 1 has been 24 per cent above normal as compared with 15 per cent above normal a week ago, 10 per cent above normal two weeks ago, and 15 per cent above normal a year ago. The mean temperature for the week ending August 12 was 5.9 degrees above normal as compared with 2.6 degrees above normal a week ago, 7.3 degrees above normal two weeks ago, and 2.6 degrees above normal for the week ending August 13, 1956.

SASKATCHEWAN Crops are maturing fast in Saskatchewan and harvesting will be general in all districts this week. While recent scattered rains will assist late grains, crops are generally too advanced for the moisture to be of assistance. This is particularly true of southern and central districts. There is considerable variation in prospective crop outturns with grains on summerfallow holding fairly well under the extreme drought and heat. Stubble lands have, however, suffered severely from drought. Hail losses have also been severe with widespread storms causing further losses in the last two weeks. Grasshoppers are numerous across the extreme southern regions and in some central areas.

Heavy rains over last weekend brought a temporary halt to swathing in the Fillmore area. Up to 50 per cent of the barley has now been swathed and given dry weather wheat swathing will be general soon. Recent rains have helped filling. Average yields of wheat and barley will be obtained but light crops of oats and flax are indicated. The Experimental Farm at Indian Head reports cooler weather with nearly two and three-quarter inches of rain during the past week. These conditions have brought about an improvement in crop prospects and pasture conditions. Swathing of early barley is well under way and wheat swathing will be general by the weekend. Wheat on summerfallow will yield about 25 bushels per acre, and 8 to 12 bushels on stubble land. Pastures have made an excellent recovery since the rainfall. Hail storms have done considerable damage in several areas during the past ten days.

The Swift Current Experimental Farm reports that rye swathing is completed and barley and oats swathing under way as well as early wheat. Recent hail storms in some localized areas have caused 100 per cent damage. Our correspondent from Big River also reports that the rye harvest has been completed. The average yield for rye is 22 bushels per acre and the estimated yield for wheat is 10, oats and barley 15, and flax 4. Combining has just started. Up to 50 per cent of the wheat and coarse grains are in the swath. Wheat grades will vary from 2 to 4; kernels are shrunk and the bushel weight will be 54 to 61 pounds. Hoppers are doing heavy damage to flax. No rain has been received in the past three weeks.

In the southwest part of the province at Eastend wheat is expected to average 10, oats 25 and barley 20 bushels per acre. Hail has severely damaged crops in the southern part of the district from Claydon to Val Marie and in an area of 600 square miles it is estimated that over 65 per cent of the crop has been destroyed. Farther north at Leader crops have matured well and yields should be above average. The quality is good. Swathing is general throughout the district.

In east-central Saskatchewan at Togo swathing has started but will not be general for another week. Early stands are thin and there has been no material change in crop

outlook. Late rains are producing a green stool which will impede harvest. There are some good stands of wheat which have filled well. Early-sown grains are now being swathed in the Willowbrook district. Recent rains have helped to keep crops from maturing too rapidly. However, prospects are for generally light yields. With present sunny weather harvest will be in full swing within the next ten days.

Our correspondent from Drake reports that rye has been swathed but combining delayed due to slightly over half an inch of rain received last Sunday night. Average yields of rye are expected. Coarse grains are now being swathed and summerfallow wheat swathing will commence next week. Many stubble crops are too thin to swath. Pastures will show improvement following the rain.

At Rosetown good rains last week have held up swathing of barley and wheat. If weather conditions permit harvest should be in full swing in about ten days' time. Stands are even and crop conditions are fair to good. Rape fields are still green. The Experimental Farm at Scott reports that the rains of the past two weeks have not materially helped early-sown crops. Swathing is general on sandy soil and has started on loam soils in west-central Saskatchewan. Pastures and late-sown oats for hay, however, will benefit greatly by the rain. The anticipated yield of wheat and barley will be slightly above half an average yield and oats are just below half an average.

In northeast Saskatchewan at Melfort the hot dry weather has hastened crop maturity. Scattered rain showers have been frequent in some localities chiefly to the north and east of Melfort. Crops in these areas are very good. The present crop outlook for the district is about average. Swathing of coarse grains will likely commence this week. Farther north at Nipawin no swathing has yet occurred but some barley should be ready to cut next week. Wheat, oats and clover will not be ripe for another three weeks. Haying has been completed. No crop damage from any source has occurred to date. Moisture supplies are good and crop conditions are 90 per cent of normal.

The Entomological Laboratory at Saskatoon reports that Bertha Armyworm infestation on rape and flax is widespread in the eastern half of the province but patchy both in respect to district and within a field. Less air-spraying is being done than last year.

The Saskatchewan Municipal Hail Insurance Association reports the following storms: July 31 - Stoughton, Milestone, Avonlea, Wilcox, Bayard, Spring Valley, Kronau, Rowatt, Moose Jaw, and Baildon; August 1 - Gainsborough, Frontier, Neville, Neidpath, Swift Current, Tompkins, Tantallon, Findlater and Kindersley; August 5 - Macrorie, Birsay; August 6 - Carnduff, Browning, Kincaid, Hazenmore, Aneroid, Ponteix, Gravelbourg, Glenbain, Vanguard, Kronau, Melville, Glenside, Allan, Dundurn, Colonsay, Viscount, Saskatoon and many other places; August 8 - Climax; August 9 - Strasbourg. Storms are much more numerous than usual and a very high loss ratio is anticipated for the season.

The Canadian Hail Underwriters' Association also report hail storms at the following points, some of which will be duplicated above. July 31 - Mossbank to Claybank, Avonlea, Truax, Rouleau, and Estlin (medium), Froude to Stoughton and Carlisle, Manor, Fertile Area (medium), the Prince area (light); August 1 - Estuary to Leader and Sceptre (medium to heavy), Abbey to Posterton, Swift Current, Neidpath to Chaplin (medium), Linacre, Fox Valley area (heavy), Tompkins to Vesper (medium to heavy), Claydon, Loomis, Climax area (heavy), Keeler to Bethune (medium), Keystone to Victoria Plains to Edenwold (light), Qu'Appelle to Balcarres (medium), Killaly to Stockholm, Esterhazy, Tantallon (heavy); August 6 - Cadillac to Aneroid, Arbuthnot, Gravelbourg to Coderre (medium to heavy), Macrorie to Lucky Lake (light), Broderick to Dundurn, Zelma and Viscount (light),

Crystal Spring to Kinistino and Beatty (medium), Melville to Yorkton (light), Blewett to Luxton, and Browning (medium), Oxbow to Gainsborough (light); August 9 - Chipperfield to Forgan (light), Davidson (light), Penzance to Strasbourg (medium), Punnichy to Leross, Hubbard and Fenwood (light); August 10 - Duval to Lestock (light), Lipton to Neudorf (light); August 11 - Lampman to Manor and Redvers (medium); August 12 - Climax area (medium).

The Average precipitation for the province since April 1 has been 16 per cent below normal as compared with 22 per cent below normal a week ago, 26 per cent below normal two weeks ago, and 2 per cent below normal at the same time a year ago. The mean temperature for the week ending August 12 was 5.1 degrees above normal as compared with 2.0 degrees above normal a week ago, 7.3 degrees above normal two weeks ago, and 1.5 degrees above normal for the week ending August 13, 1956.

ALBERTA Crop prospects in Alberta continue to show variability within short distances. However, a fair to good crop is now in prospect over wide areas of the province. Recent rain in central Alberta, while late, will aid in filling the crop and delay the too rapid advance to maturity. Yields in eastern and southern sections have been reduced to drought but wheat quality should be good. A relatively small acreage of winter wheat has yielded heavily. Crops are maturing slowly in the Peace River area following heavy rains. Harvesting is under way in the south and early barley is being swathed in central regions. Harvesting should be general in the north by the end of the month. The fodder and pasture situation is improved and livestock are in good condition. Grass and alfalfa seed crops will be light. Alsike is setting well but growth is short.

Harvesting of early barley will begin this week in the Manyberries district and other crops are maturing quickly. Recent rains have improved prospects for some late-seeded crops but in general reduced yields are expected. Haying is still in progress. Harvesting is generally well under way in the Medicine Hat area. Yields of some early crops are reported to be good but outturns are expected to be below average for the bulk of the crop. A shortage of hay and pasture is anticipated although cattle are still in good condition. The following percentages of harvesting have been completed: wheat 15, barley 10, and flax 10 per cent. Hay and pasture on irrigated lands are very good.

The Experimental Farm at Lethbridge reports that moisture is still only poor to fair east and south of Lethbridge although some scattered rain and hail has been received south of Calgary. Some spring wheat is being swathed and combined; rape and mustard are being combined, and flax swathing is under way. The winter wheat harvest is almost completed, green beans are being harvested, and the canning corn harvest is just beginning. Harvesting of fall grains has commenced in the Cardston area with fair yields and good grades. Swathing of spring grain will be general within a week.

The Brooks area has had a few good showers recently along with scattered hail damage. Conditions are extremely variable with harvest under way in some fields and crops green in others. Second cutting of hay is good. Scattered thundershowers are maintaining moisture conditions around Calgary. Heads are filling well. Barley is turning fast and some fields have been cut. Prospects are for a normal crop.

Good crop prospects are reported from Sedgewick in central Alberta. No hail or frost damage has occurred and harvest will commence in a week or ten days. Fairly good crops are in prospect in the Donalda district. Over two inches of rain during the past week will help late-sown grain and hay and pasture crops. Some fields of barley and

oats have already been swathed. Wheat is expected to average 25 bushels per acre and barley and oats between 20 and 35 bushels per acre. At Stettler recent rains have halted deterioration of crops and moisture supplies are now ample for the remainder of the season. Hail damage has been very light. The wheat crop is estimated at 15 bushels and barley at 17 bushels per acre. The oat crop is thin and short. The odd field of barley is being swathed.

Recent general rains have improved crop prospects in the Red Deer area. Early-sown barley is being swathed with average yields indicated. The yield of second-cut hay is expected to be better than the first crop. Some fields are being cut for green feed due to frost damage. Farther west at Eckville cool, showery weather during the past two weeks has helped crop prospects. Swathing commenced on August 9 and will be general by the twentieth. A hail storm on July 31 caused 30 per cent damage to some 1,500 acres. There will be very little, if any, second crop of hay.

All crops have improved during the past two weeks in the Vermilion area east of Edmonton. Swathing will begin next week. Wheat is expected to average about 20 bushels per acre of good quality grain. Pastures and livestock are in good condition. General showers have maintained prospects around Edmonton. Some barley is turning colour and there is the odd report of harvesting being started east of the city.

In the Bonnyville area northeast of Edmonton cool, showery weather is providing optimum conditions for filling of all crops but is delaying the hay harvest and injuring quality. Cutting of early barley is just starting and harvesting of grain should be general in about two weeks. Around Athabasca moisture supplies are ample and crops are maturing normally. Some barley will be swathed by the end of the week. Haying is almost completed. Nearby at Colinton there has been considerable rain during the past week. Some crops of barley are being harvested and swathing should be general in a week or ten days. Our correspondent at this point considers that crops will be about 65 per cent of normal in this area.

Around Falher in the eastern part of the Peace River District rains have improved crop prospects but frost danger is increasing as maturity has been delayed by excessive moisture. Fields are soggy and harvest will not begin until September even with improved weather conditions. Haying is nearly completed but the quality of forage is extremely poor. The Experimental Farm at Beaverlodge reports that continued cold, wet weather is seriously delaying crop development. Dangerously late maturity of wheat and oats and lodging of oats and barley are indicated. Hail has destroyed crops over a 7,000 acre area near Wanham. Harvesting of fescue, brome and early barley is awaiting suitable weather. Late growth on legumes will make harvesting difficult. The Experimental Farm at Fort Vermilion reports haying delayed by continued rain. Hay yield prospects, however, are good and pastures are excellent. A light alfalfa seed crop is in prospect. Cereals are in the soft dough stage, with some early barley showing signs of ripening. Sunny weather is required to ensure harvest in advance of killing frosts.

The Canadian Hail Insurance Underwriters' Association reports hail damage as follows: July 30 - Lomond and Travers to Scandia and Tilley (medium); August 1, Irma (medium); August 4, Wrentham to Skiff (light), Grantham to Tilley (medium); August 9 - Thorhild area (light). The Alberta Hail Insurance Board reports the following storms which may duplicate, to some extent, those noted above. Heavy concentration of damage at Woodhouse, Travers to Enchant, Rainier to Scandia and at Tilley in storm July 30 extending from six miles west of Granum to Idlesleigh. Storms of August 10 caused widespread damage from southwest of Nobleford through Travers to Brooks, from Picture Butte

through Turin, Iron Springs, Retlaw to east of Enchant, from west of Nanton through Ensign to Arrowwood, from Okotoks, De Winton to Dalroy, Carbon, Munson and Morrin, from Roselyn to Youngstown and Cereal. Storms on the above dates and earlier did severe damage at such points as Warner, Irvine, Airdrie, Crossfield, Carstairs, Didsbury, New Bridgen, Delburne, Viking, Wanham, Beaverlodge and Deadwood.

Average precipitation for the province since April 1 has been 8 per cent below normal as compared with 19 per cent below normal a week ago, 26 per cent below normal two weeks ago and 16 per cent above normal a year ago. Mean temperature for the week ending August 12 was 0.7 degrees above normal compared with 0.6 degrees below normal a week ago, 1.7 degrees above normal two weeks ago, and 1.4 degrees above normal for the week ending August 13, 1956.

BRITISH COLUMBIA In the Creston area, wheat harvesting is almost completed and yields have been lower than average. Early-sown barley has been harvested while seed peas and spring grains are maturing rapidly. Yields of second-growth hay are low but quality is high. Pastures will benefit from the recent rains. Yields of late cherries are lower than average, pears are sizing slowly and apples are maturing normally. A report from Dawson Creek indicates that over three inches of rain fell in that area during the past two weeks. Crops are not ripening and some lodging has occurred. The hay crop is deteriorating and the seed harvest has been delayed with only a small proportion of fescues swathed.

In the Kamloops area cool, wet weather has made haying almost impossible and grain is ripening slowly. The tomato harvest is well under way but proceeding at a slow rate. Unsettled weather has prevailed in the northern Okanagan. Harvesting of both peas and fall wheat is completed and barley and oats are ripening. Yields are generally about average. In the Williams Lake region continuous wet weather has spoiled a considerable quantity of hay and some reduction of herds may result from the extremely poor season. Around Prince George, heavy showers have occurred every day since August 1. Fields are saturated and impassable for all equipment. About 20 per cent of the hay crop is cut, and most of this is spoiling in the fields. Grain crops in this area are severely lodged.

According to a report from Summerland in the southern Okanagan, cool weather during the past two weeks has slowed all growth. The peach harvest is reaching its peak but size of fruit is expected to be reduced. Apple prospects appear good. The cool, wet weather has moderated prospects for the tomato crop and rendered haying operations difficult. In the Lower Fraser Valley the weather remains cool with continued cloudiness and frequent showers. Haying operations have been difficult and quality of the crop has been poor. Pastures, however, are good. Oats are maturing slowly. Harvesting of canning peas is well advanced and yields have been good. Raspberries produced a reasonable yield, although the season was short. Harvesting of beans and corn has commenced. Potato blight is prevalent but under control in most commercial plantings. A report from Saanichton, on Vancouver Island, indicates that the weather has been unusually wet. Salvage of the late hay crop may be difficult. Harvesting of fall-sown grain crops is partially completed while spring seedings need dry weather for ripening. Potato blight is evident but not yet serious. Pasture is excellent.

A report from the Dominion Entomological Laboratory at Kamloops states that grasshoppers continue to cause some concern in south-central British Columbia.

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m. Aug. 12, 1957	Total since April 1	Normal since April 1	Week ending 8 a.m. August 12 1957	Normal
		- inches -			- degrees F. -	
<u>MANITOBA</u>						
1	Pierson	2.04	11.56	8.83	70	64
	Melita	1.73	11.06	11.39	70	64
	Waskada	1.25	9.43	9.62	69	65
	Deloraine	1.05	10.09	9.21	69	65
2	Boissevain	7.55	18.71	8.80	69	64
	Deerwood	1.43	13.12	9.24	72	63
	Ninette	2.84	11.27	9.33	68	64
	Portage la Prairie	.91	11.65	9.19	70	63
3	MacDonald	.64	10.04	9.19	70	63
	Graysville	.65	10.52	9.61	70	64
	Morden	1.33	13.37	9.43	72	65
	Altona	1.00	13.97	9.40	73	65
	Morris	.36	12.54	9.26	71	65
	Roland	.31	9.96	9.11	70	65
	Gretna	.50	8.10	8.84	72	65
	Emerson	.70	18.09	8.84	71	65
4	Winnipeg	.78	12.37	10.53	71	65
6	Sprague	.16	13.09	9.95	69	64
	Seven Sisters Falls	N.R.	5.31 2/	7.81	N.R.	62
	Steinbach	1.35	13.30	9.26	71	65
7	Virden	2.05	12.99	8.00	69	62
	Reston	N.R.	8.95 2/	9.70	N.R.	63
	Rivers	.78	8.82	9.30	69	63
8	Brandon	1.01	11.66	9.42	69	63
	Cypress River	1.26	14.83	9.31	69	64
9	Neepawa	1.18	10.31	9.19	69	62
10	Russell	1.39	5.04	8.79	66	61
	Rosburn	2.44	11.81 2/	8.79	68	61
	Birtle	.43	13.82	9.39	67	61
11	Dauphin	.95	8.36	8.16	67	61
12	Gimli	.10	9.60	9.84	70	63
13	Swan River	.91	9.84	9.38	65	60
	The Pas	.08	4.57	7.38	64	62
MANITOBA AVERAGE		1.26	11.40	9.20	69.3	63.4
<u>SASKATCHEWAN</u>						
1A	Estevan	.33	7.50	8.67	71	63
	Carlyle	1.95	9.04	9.36	66	61
	Oxbow	3.85	9.48 2/	8.96	68	62
	Willmar	3.51	11.12	8.69	N.R.	N.R.
1B	Broadview	.28	6.77	8.54	66	62
	Moosomin	.86	7.37	8.09	67	62
2A	Yellow Grass	.47	7.35	8.26	69	64
	Creelman	1.05	8.39	8.27	68	63
	Weyburn	.23	6.87	8.72	70	63
	Midale	.99	7.37	9.15	70	63
2B	Moose Jaw	.25	7.27	8.53	71	64
	Regina	.20	5.62	8.64	70	62

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m.	since	since	August 12	
		Aug. 12, 1957	April 1	April 1	1957	Normal
		- inches -			- degrees F. -	
<u>SASKATCHEWAN</u> (continued)						
3AS	Rowatt	N.R.	4.69	2/ 8.54	N.R.	62
	Francis	.13	5.30	7.19	67	63
	Qu'Appelle	1.30	5.23	2/ 10.17	66	62
	Indian Head	1.17	9.19	9.74	67	62
	Wilcox	.12	5.53	8.45	70	62
	Assiniboia	.33	5.42	7.04	71	63
	Ormiston	.02	4.33	7.73	71	63
	Readlyn	.04	5.42	7.04	72	63
	Minton	.38	8.09	9.53	67	63
	Cardross	.07	4.50	7.73	71	63
3AN	Ceylon	.71	7.12	10.40	69	64
	Chaplin	.31	6.85	8.95	69	62
	Gravelbourg	.63	6.20	7.06	70	63
3BS	Coderre	.63	8.21	7.51	69	63
	Shaunavon	.32	6.35	7.29	68	62
	Cadillac	.63	5.67	9.38	70	62
3BN	Pambrun	N.R.	6.40	2/ 8.22	N.R.	63
	Aneroid	1.38	7.28	8.55	70	62
	Instow	N.R.	4.88	2/ 7.53	N.R.	64
	Pennant	.34	8.02	2/ 8.45	68	63
	Swift Current	.62	7.59	8.75	69	65
4A	Hodgeville	.72	6.03	7.90	69	64
	Hughton	N.R.	6.84	2/ 7.72	N.R.	62
	Maple Creek	1.32	4.78	2/ 8.14	70	63
4B	Consul	.79	5.68	6.77	67	61
	Roadene	1.26	8.38	7.74	68	62
5A	Cupar	.40	6.04	7.85	68	61
	Leross	N.R.	7.67	2/ 8.67	N.R.	61
5B	Melville	1.20	7.16	8.69	66	60
	Yorkton	1.51	5.48	8.85	65	60
	Bangor	.74	7.47	8.69	66	60
	Dafoe	.24	4.96	7.64	65	59
	Foam Lake	1.16	5.71	2/ 8.58	66	60
	Lintlaw	.44	6.35	8.60	62	60
	Kamsack	1.42	6.19	8.20	65	61
6A	Buchanan	N.R.	4.49	2/ 8.58	N.R.	61
	Pelly	N.R.	5.61	2/ 8.82	N.R.	61
	Davidson	.91	7.78	7.04	66	62
	Dilke	N.R.	7.00	2/ 7.31	N.R.	N.R.
	Imperial	N.R.	5.23	2/ 7.06	N.R.	62
6B	Semans	N.R.	5.17	2/ 5.61	N.R.	61
	Strasbourg	1.69	7.40	7.89	66	61
	Watrous	.94	7.81	6.28	67	61
	Harris	1.24	6.40	2/ 7.68	65	62
	Outlook	.52	5.55	6.14	68	62
	Saskatoon	1.74	6.15	8.07	67	61
	Elbow	.48	5.92	7.02	66	62
	Tugaske	.49	6.98	7.02	68	63

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature		
		Week ending 8 a.m.	Total since	Normal since	Week ending 8 a.m.		
		Aug.12,1957	April 1	April 1	August 12 1957	Normal	
		- inches -			- degrees F. -		
<u>SASKATCHEWAN</u> (concluded)							
6B	Dundurn	2.07	7.07	8.34	67	62	
	Rosthern	1.79	6.70	8.13	65	62	
7A	Kindersley	.49	3.90	7.28	66	61	
	Rosetown	1.90	7.54	8.23	66	61	
7B	Macklin	1.40	5.76	8.39	64	59	
	Scott	1.14	5.95	7.73	62	60	
	Biggar	.92	5.08	8.47	67	61	
	Ruthilda	N.R.	.58 2/	8.41	N.R.	N.R.	
	8A	Hudson Bay	.01	5.72	8.54	63	61
	Porcupine Plain	.51	6.96	8.53	61	62	
8B	Humboldt	.69	7.37	7.12	65	60	
	Melfort	.23	8.99	8.49	60	62	
9A	North Battleford	.71	6.55	8.03	66	63	
	Rabbit Lake	N.R.	5.08 2/	8.46	N.R.	60	
	Leask	1.21	5.91	8.28	64	62	
	Prince Albert	.98	7.68	8.19	64	62	
	Island Falls	1.30	14.74	8.57	60	62	
	9B	Waseca	N.R.	4.46 2/	7.91	N.R.	59
SASKATCHEWAN AVERAGE		.89	6.86	8.14	67.0	61.9	
<u>ALBERTA</u>							
1	Bindloss	N.R.	7.52 2/	6.78	N.R.	63	
	Empress	.52	3.54	7.45	69	66	
	Excel	N.R.	4.07 2/	6.75	N.R.	64	
	Foremost	.49	7.50	9.55	67	67	
	Hanna	1.59	7.48	9.54	63	63	
	Manyberries	1.29	5.74	7.21	70	66	
	Medicine Hat	.63	5.28	7.17	70	66	
	Naco	1.42	7.31	8.30	64	62	
	Oyen	.89	4.95 2/	6.75	N.R.	N.R.	
	Winnifred	.81	5.50	6.07	N.R.	N.R.	
2	Brooks	.54	4.62	6.94	64	67	
	Drumheller	2.14	8.75	8.71	64	67	
	Gleichen	1.90	9.86	8.00	61	60	
	Hays	.27	3.73	6.78	67	63	
	Hussar	1.58	9.57	7.92	N.R.	N.R.	
	Lethbridge	.14	6.91	8.02	66	63	
	Strathmore	1.17	6.90	8.55	60	58	
	Taber	.65	5.67	6.81	68	64	
	Three Hills	3.26	9.35	8.19	60	59	
	Trochu	1.49	6.55	8.81	60	59	
3	Vauxhall	.51	3.29	6.89	66	65	
	Vulcan	.77	7.56	8.27	66	60	
	Calgary	1.33	7.81	9.77	59	60	
	Cardston	.07	6.26	11.65	62	63	
	Cowley	.40	8.38	8.84	58	61	
	Fort MacLeod	N.R.	6.54 2/	8.02	N.R.	65	
	High River	.73	8.61	9.78	56	60	
	Magrath	.44	5.83	9.97	66	63	



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Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District Station		Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending	8 a.m.
		8 a.m.	since	since	August 12	
		Aug. 12, 1957	April 1	April 1	1957	Normal
		- inches -			- degrees F. -	
<u>ALBERTA (concluded)</u>						
4	Olds	.50	9.06	9.37	59	58
	Alliance	2.18	7.94	7.82	62	63
	Camrose	2.79	9.05	8.76	60	59
	Coronation	1.64	6.72	7.08	63	61
5	Hardisty	3.24	8.56 2/	8.62	N.R.	N.R.
	Hughenden	3.07	7.00	8.00	63	63
	Lloydminster	1.44	6.05	7.59	63	58
	Stettler	1.32	8.18	9.93	62	58
	Vegreville	2.95	6.58	10.39	59	58
	Vermilion	2.35	8.51	10.24	61	57
	Edmonton	1.67	6.12	9.98	61	60
	Lacombe	.75	6.95	9.70	59	57
	Red Deer	.92	10.16	11.32	59	57
	Rocky Mountain House	.22	7.02	10.06	58	57
6	Wetaskiwin	.49	8.67	9.20	59	59
	Athabasca	1.38	9.41	8.98	59	58
	Campsie	8.65	14.13 2/	9.98	59	58
	Edson	1.90	10.52	9.67	52	56
	Elk Point	1.99	7.94	8.25	59	58
	Estarras	1.18	5.72	5.69	59	61
	Lac La Piche	.46	6.26	8.50	61	58
	Whitecourt	3.95	13.01	10.40	56	58
7	Beaverlodge	2.17	11.00	6.96	58	58
	Berwyn	1.93	10.79 2/	8.16	56	58
	Fairview	1.72	11.48	6.11	58	59
	Grande Prairie	2.51	10.50	8.33	59	58
	High Prairie	1.19	11.20	8.40	58	59
	Keg River	N.R.	10.20 2/	8.36	N.R.	58
	Rycroft	2.34	9.03	5.98	57	58
	Wagner	2.23	10.79	9.00	59	59
<u>ALBERTA AVERAGE</u>		1.56	7.74	8.42	61.3	60.6

N.R. No Report.

1/ Source: Meteorological Service of Canada.

2/ Incomplete; not included in average.