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CANADA CANADA

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TELEGRAPHIC CROP REPORT — CANADA

This is the eighth of the 1956 series of nine telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the twelfth 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.

Maritime Provinces Farmers in the Maritime Provinces have started to cut the grain crops and harvesting will be general in a week to ten days' time. Due to the backward season grain crops are later than usual but promising. Haying is over or nearly so throughout much of the area. Very dry weather prevailed during August in Prince Edward Island and Nova Scotia having an adverse affect on potatoes and pastures with moisture now needed for sizing of root crops. Early potatoes are being dug in New Brunswick.

Quebec Crop development in Quebec has been hampered by cool weather and excess moisture, with the two weeks lag noted at the beginning of the season not yet made up. In some districts haying is not yet completed. Grain has a fine appearance in the Lower St. Lawrence counties and in Abitibi and Temiscamingue but there is danger that yields may be reduced by frost. Oats in particular have headed on good straw but are still green. Cool weather has also made itself felt in the truck crop districts, with sweet corn and tomatoes being the crops most affected. Tobacco has grown well and yield prospects are excellent. However, a report from Joliette states that heavy hail on August 16 damaged some 400 acres of cigar tobacco. Dairy production is still at a high level as a result of good pastures.

Ontario Continued rains have delayed harvesting of all crops and heavy rains during the last week in August will cause a great deal of spoilage in spring grain and some in winter wheat. Pastures are in excellent condition, the milk flow is above normal, and both dairy and beef cattle are in good condition. Silage corn is growing well and husking corn is making progress also but will require warm weather to ripen before a frost. Late blight is prevalent in potatoes due to cool, wet weather. Preparation of land for winter wheat is held up but new seedings of clover, alfalfa and grasses are looking exceptionally well.

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

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EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1956.

Prairie Provinces Cool, wet weather during the past week has held up harvesting operations in the Prairie Provinces. Especially heavy rains in Eastern Manitoba will cause considerable delay but elsewhere operations should recommence within a few days given good weather. Excellent progress with swathing, especially for barley, has been made in southern areas and in some other parts of all three provinces. A considerable amount of combining has also been done in these areas. In most northern districts, however, progress has been slower and many fields are still vulnerable to frost damage. Light frosts have already caused a deterioration in grades in local areas. Heavy rains have resulted in considerable lodging throughout the Prairies and excess moisture is causing weathering in the swath. Heavy hail damage has occurred since mid August particularly in Manitoba. Despite these difficulties, the crop outlook in general is still good, and given favourable weather, forecast yields should be well maintained.

British Columbia Harvesting of grain crops on Vancouver Island is nearing completion while in the Lower Fraser Valley the harvest is well advanced. Hops are showing a good crop in most plantings and harvesting is getting under way. The canning bean harvest is in full swing while that of corn has just started and prospects for the latter crop appear good. Crops in the Peace River District are exceptionally good and are maturing a week to ten days ahead of normal. Grass seeds are all harvested with fescue averaging 150 to 200 pounds per acre. The grain harvest around Armstrong is about completed while the pea harvest in this area is finished. In the Nelson and Creston areas the grain harvest is also well advanced while harvesting of peas is completed. Pastures are badly dried up except in those areas where irrigation is available.

MARITIME PROVINCES In Prince Edward Island harvesting of cereals is now under way and will be general this week. Although much of the grain will be late due to the retarded spring, good yields are in prospect. Rainfall for the months of July and August was considerably below the long-time average and the soil is becoming very dry. Potatoes and root crops need rain and pastures are short. More moisture is needed for proper sizing of potatoes. Late blight on this crop is under control and infestations are quite limited. Aphids on potatoes are reported and spraying has been widespread. Other vegetable crops are satisfactory.

In the Amherst area of Nova Scotia pastures, potatoes and other root crops have suffered greatly from the exceptionally dry weather in August. Farmers have completed haying and started to cut their grain, with the crop outlook promising in spite of the drought. Reports from the Annapolis Valley indicate that the hay crop this year was slightly above average in yield but barely average in quality. The oat crop is well above average with some early grain having been harvested. Crops are retarded by almost ten days due to the cool season. Rainfall has been light recently and as a result pastures are poor. Blight on potatoes is light and prospects for this crop are average. Prospects are below average for squash and cucumber crops. More moisture would be welcome.

Haying operations have now been completed in New Brunswick with a considerable acreage having been cut for seed production. Pastures are good and early grain is being harvested. Considerable grain is late maturing, however, and will not be ready to cut before September 15. Lodging is in evidence. However, given favourable weather, a good yield is in prospect. Potatoes are showing some blight.

Some early potatoes are being dug and reasonably good yields and quality reported. The late crop is maturing and in some fields tops have been killed down prior to digging. The pea harvest has been completed with a good crop reported. Beans are maturing slowly but root crops are doing well. Although leafy vegetables are good, tomatoes, corn and vine crops have been retarded by cool weather. The blueberry crop varies in different districts and a light apple crop is anticipated.

QUEBEC Harvesting of cereals is general in the L'Assomption area, with yields turning out higher than anticipated. The harvest of cigar and flue-cured tobacco is under way. Part of the flue-cured tobacco district was damaged by hail, with about one-tenth of the plantations affected in varying degrees. Canning crops are good except for tomatoes which are maturing very slowly. Pastures have been improved by recent rains.

At St. John, southeast of Montreal, corn and tomato crops are ripening slowly, with the yield of canning corn much below normal. Green peas are still being harvested in some districts. Grain is ripening slowly with only about 15 per cent of the crop harvested to date. Second-crop alfalfa and clover is very good and pastures are in excellent condition. Weather has remained cool and wet in the Lennoxville district. Considerable grain is ripe and some has been cut but little or none threshed. Yield prospects are fair to good if the crop can be saved. The outlook for corn is poor but pastures are good.

At Ste. Anne de la Pocatière, east of Quebec City, all of the barley and 40 per cent of the oats have been harvested. Yields of barley in this district have been outstanding, being estimated at about 40 per cent above average. Wheat has not yet been harvested. Hay aftermath benefited from the last rain. Hoed crops are in good condition but the apple crop is late. Yellow transparent apples are now being picked.

Our correspondent at Normandin in the Lake St. John area reports eleven days of rain since July 14. The weather remains cool. Grain crops are good, with oats at the turning stage. Barley should be ready for harvest next week. Meadows, pastures and garden crops are in good condition. Potatoes are promising. The blueberry harvest has been very slow. Five light frosts occurred in August without damaging crops too much. No grain has been cut as yet in the Gaspé Peninsula and Baie des Chaleurs areas. Cool weather and frequent rain have delayed ripening and caused lodging. Varieties of oats which took eighty-eight days to ripen last year are just now turning colour after one hundred days. Picking of a heavy raspberry crop is not yet completed. Yield outlook for all crops is very promising provided frost damage does not occur. Sweet corn and tomatoes are not yet ready for harvest. Pastures are good but milk production is going down slightly, probably due to cool weather.

ONTARIO In the Barrie district of Western Ontario, harvesting is again getting under way after being stalled for three weeks by recurring rains. Fall wheat is 50 per cent harvested and spring grains about 10 per cent. However, much difficulty is being experienced with badly lodged, broken down, and in some cases, rusted fields. Yield and quality will be reduced even if the harvest can now be completed. Pastures are excellent and a record second-crop of alfalfa is in sight if it can be saved. New seedings of hay and pasture are excellent. The corn crop is quite variable, while potatoes promise fair to good yields. In Bruce County the wet and unsatisfactory weather has delayed harvesting operations for the past week. Over 70 per cent of the

grain is still to be cut, most of it has lodged and some of it has sprouted. Corn, turnips and other crops are making very satisfactory growth but the cutting of second-crop hay has been delayed.

In Wellington County, very heavy rains last week pounded uncut grain to the ground and stopped harvesting operations. About 75 per cent of the winter wheat crop has been harvested and from 50 to 60 per cent of the spring grain has been cut. Some reports of sprouting have been received. Corn, roots and pastures are in good condition. In Waterloo County, heavy rains have caused harvesting to be held up to the point where some of the grain which has been stooked or swathed may not be worth harvesting. Much of the uncut portion of the crop has been flattened and will be difficult to salvage. About 75 per cent of the wheat crop and from 30 to 40 per cent of the spring grains has been threshed or combined. Corn, turnips and potatoes appear to be coming along quite well, although late blight has caused some damage to potatoes. Heavy precipitation in Halton County brought harvesting to a standstill with 40 per cent of the crop uncut and at least 75 per cent still in the field. Many uncut fields are badly lodged. However, a week of good, dry weather would see the bulk of the crop under cover.

Around London, in Middlesex County in southern Ontario, harvesting of oats and barley has been seriously delayed by continued heavy rains. About 75 per cent of these crops remains to be threshed and many fields are badly lodged. About half of the tobacco has been harvested, and corn and sugar beets are making exceptional growth. In Essex County, hail and excessive rain have damaged the peach and tobacco crops. The flue-cured tobacco harvest is nearly completed while the harvesting of burley tobacco is getting under way. Corn and soybeans are doing well but need more warm weather to mature the crops. Around Harrow heavy rains and cool weather have retarded maturity in late crops such as corn, soybeans, canning tomatoes and peaches. Around Simcoe, very little field work has been done on grain or hay crops during the last two weeks because of wet weather. About 60 per cent of the spring grain still remains in the stook or standing in the field. Most fields are now lodged and some sprouting has occurred. The tobacco harvest is progressing normally although the crop is ripening quite unevenly. Hail damage has been severe in local areas. Pastures are excellent.

Around Chatham, rainy weather during the past few weeks has held up farm operations. The spring grain harvest was completed about ten days ago. The tobacco harvest is under way and the picking of tomatoes for canning purposes is becoming more general. Two to three weeks of good weather is required to develop all remaining crops including corn and soybeans. The Dominion Entomological Laboratory at Chatham reports that the corn borer infestation is heavy and a few insect problems have affected the tobacco crop. The Dominion Entomological Laboratory at Vineland reports that the peach harvest of mid-season varieties is under way six days later than average. The crop is light and brown-rot is troublesome. The Bartlett pear harvest has started and the crop is comparatively free of pear psylla and codling moth.

In Eastern Ontario, around Morrisburg in Dundas County, early grain has turned out exceptionally well, but some late fields are rusting badly. Wet weather during the past two weeks has delayed threshing operations. Pastures remain lush and green. In Renfrew County, the very heavy spring grain crop is badly lodged on many farms and difficult to harvest. About 25 per cent of the crop has been cut and stooked

but very little threshing has been done. Yields of fall wheat vary from 20 bushels to over 60 bushels per acre. A heavy crop of second-cut alfalfa has been partially harvested and pastures are excellent. Silage corn shows considerable variation. At Kapuskasing, in northern Ontario, a heavy crop of hay has been harvested in fairly good condition. Grain crops are heavy but still green. Pastures are good and new seedings are promising.

MANITOBA

Extremely heavy rains will delay harvesting until next week or longer in northern and eastern sections of Manitoba. Grades and yields will likely be adversely affected. Elsewhere in the province harvesting will recommence soon. Across the southern part swathing of cereals is 50 to 90 per cent completed and 10 to 40 per cent has been combined. As one goes northward less headway has been made. Wheat has been grading two to three Northern. Only an occasional flax field has been harvested. Sunny weather is now the greatest need. Excess moisture and hail have caused heavy damage with hail the worst in the history of the province. Losses from excess moisture could be serious unless the weather changes soon.

Our correspondent from Altona states that harvesting was two-thirds completed as of last Friday but excessive rain will delay operations for a considerable time. Soybeans and sunflowers are maturing, beets are doing well but corn needs two weeks of dry weather to promote maturity. Farther east at Vita harvesting has also been held up on account of drenching rains. Up to 20 per cent of the grain has been threshed and from 40 to 70 per cent swathed. A considerable amount of the crop is flattened. The Experimental Farm at Morden states that heavy rains will delay combining at least a week. Most of the crops are swathed in this district and 25 per cent has been combined. Wheat and barley yields are above average. The sample is bleached but plump. Row crops are above average but require warm weather to hasten maturity.

In southwestern Manitoba at Melita moisture conditions are satisfactory for late-sown flax but have hindered harvesting for the past week. Percentages harvested to date are barley 40, wheat 50, oats 20, flax 5, and rye 95. Yields for that part of the province vary from good for barley at 35 bushels, very good for wheat at 25 bushels, and good to very good for oats at 50 bushels. Flax yields are also good at 8 to 10 bushels but rye yields are poor varying from 8 to 18 bushels per acre. Hail damage has been extensive in Albert municipality with 8,000 to 10,000 acres showing damage.

In the Selkirk area north of Winnipeg harvesting is at a standstill due to the heavy rains of the past week. Lodging has occurred making swathing difficult. Oat samples threshed to date have yielded well while wheat and barley are lower than expected. Warm weather is required to fill later crops. No harvesting has been done in the Portage la Prairie area for the past eight days and none will likely be done in the present week. About 20 per cent of the crop has been combined and 80 per cent swathed to date. The quality of the grain prior to the rains was good with a fair amount of the barley in the malting grade and some wheat 2 Northern. Wheat yields averaged 30 or better, barley and some oats 50, and flax 12. Frosts could cause damage.

The Experimental Farm at Brandon reports that swathing is well advanced in the district while combining was only nicely under way when interrupted by wet weather. Excess moisture will likely cause loss in grades but anticipated yields are good. Wheat and oat yields are good while flax and barley are average. The barley sample is showing the ill effects of leaf disease and root rot.

In the Interlake area at Arborg excessive rains have held up harvesting for several days. Cutting was general before the rain started but very little threshing had been done. Extensive lodging has occurred which delays ripening as well as actual harvesting operations.

In the west-central part of the province at Neepawa swathing became general on August 30 and some crops have already been combined. Combining will become general as soon as the weather permits. Wheat and oat samples are good and yields average, the barley crop is disappointing and flax is good on high land but poor on low-lying land. Hay yields have been good throughout the district. Grasshopper population is high in this area. At Minnedosa about 30 per cent of the crop has been cut but very little threshed. Cool, wet weather is delaying all operations. Most of the wheat and oats are good but barley will be below average due to leaf diseases. The flax crop appears good.

In the northern part of the province at Swan River cold, wet weather is seriously hampering harvesting. Grains harvested to date have yielded well with samples varying from good to fair. Oats are averaging 35 bushels, barley 25, and fall rye very poor at 12. No wheat or flax has been harvested to date. Heavy rains have caused considerable lodging. Little frost has occurred as yet.

The Federal Entomological Laboratory at Brandon reports that the grasshopper adult survey in Manitoba reveals an increase in abundance and distribution of the three economic species. Infestations range from light to moderate in the southeast and from light to very severe in lighter soils in central Manitoba. Approximately 3,000 square miles are infested.

The Canadian Hail Underwriters Association reports heavy hail storms in Manitoba on August 16 at the following places: McCauley to Lenore to Souris to Minto to Louise to Fallison, and Reston-Broomhill area, and Deloraine to Boissevain. Light damage occurred at Minnedosa. On August 26 medium damage in the Butler area and on the 27th heavy damage from Crystal City to Pilot Mound to Somerset to St. Claude. On August 28 heavy damage also occurred from Holland to Babcock to Carmen and in the Brunkild area. Light to medium damage occurred from Westbourne to Portage la Prairie.

The average precipitation in the province since April 1 has been 23 per cent above normal compared with 14 per cent above normal two weeks ago, 10 per cent above normal a week ago, and 12 per cent above normal at the same time a year ago. The mean temperature for the week ending September 3 was 2.4 degrees above normal in contrast to 1.9 degrees below normal two weeks ago and compared with 4.9 degrees above normal last week and 5.9 degrees above normal on September 5, 1955.

SASKATCHEWAN Cool, showery weather during the past week retarded the ripening of late crops and delayed harvesting, but operations are expected to be resumed this week. Cutting is well advanced in the southern and central districts where 60 per cent of the wheat and coarse grains is swathed. In other areas wheat swathing varies from 10 per cent in the northeast to 35 per cent in the east-central districts. On a provincial basis 40 per cent of the wheat and 50 per cent of the coarse grains are cut, while 10 per cent of the wheat and 15 per cent of the coarse grains are threshed. Reports indicate that yield prospects have been maintained. However, many fields are in a critical stage and a lengthy frost-free period is required to mature these crops. Apparently scattered frosts of two weeks ago were heavier at some points than previously anticipated and some loss of grade is inevitable.

In southeastern Saskatchewan, at Yellow Grass, 75 per cent of the crop has been swathed and about 15 per cent combined. In this district wheat is expected to yield 25 bushels; oats, 40; barley, 30; and flax, 12 bushels per acre. Frost damage has been slight but light rains have delayed combining during the past week. At Fillmore, cool, cloudy weather has delayed ripening and curing of crops. Excluding flax, swathing is 70 per cent completed and combining about 5 per cent completed. Farther north, at Indian Head, swathing of grain has been general throughout the district during the past week but very little threshing or combining has been done to date. Several nights have been very close to frost but no general damage has yet occurred. Scattered showers over the week-end brought harvesting operations to a halt. The condition of livestock remains very good but pastures are becoming short due to lack of sufficient rain.

In southwest Saskatchewan, around Swift Current, good progress has been made with harvesting and the bulk of the coarse grain crops has been combined. About 60 per cent of the wheat has been swathed. Yields of wheat, oats and barley are somewhat higher than expected. Flax is mostly too green to cut. The quality of wheat is good, oats and barley fair and rye poor. Around Val Marie the crop is ready to harvest but damp, cloudy weather is delaying operations. Flax has been badly damaged by frost and the wheat sample also shows frost damage. The hay crop is fair. At Eastend, 15 per cent of the wheat and 20 per cent of the coarse grains have been combined. The bulk of the wheat crop is expected to grade No. 2 and 3 Northern and yields vary from 10 to 30 bushels per acre with the average about 16. Barley fields are averaging from 20 to 40 bushels per acre. Cool, rainy weather has delayed harvesting. Around Leader, harvesting of barley is almost completed and swathing of wheat is well under way. The weather has been cold and cloudy but precipitation has been light. Large flax yields appear likely.

In the east-central part of the province around Togo harvest is at a standstill due to wet weather. The crop is about one-third swathed but some farmers with very late fields have not been able to cut any crop. In general, a good crop is imminent but frost damage may lower the grade and hurt very late stands. Pasture conditions are average to poor. A little farther west at Willowbrook most of the swathing has been done but very little has been combined because of recent rains and wet weather which will delay operations from four to five days. Very slight frost was experienced but damage was light. Gardens and pastures are very good. The Dominion Entomological laboratory at Saskatoon reports that a relatively small porportion of the wheat has been swathed and that harvesting is temporarily at a standstill because of wet weather. The Bertha army worm and beet web worm are still abundant in late fields of rape and flax in Saskatchewan but populations are beginning to subside. In west-central Saskatchewan around Rosetown threshing will become general about September 10. Early samples of wheat show extensive frost damage but indications are for good yields of all grains. Around Seott, swathing of coarse grains is well advanced and swathing of wheat has started. All operations have been delayed by showery weather during the past few days. Two and one-half degrees of frost on August 19, damaged the quality of the grain considerably over a wide area of west-central Saskatchewan.

At Melfort, in northeastern Saskatchewan, cold, wet weather has stopped harvesting operations. From 20 to 50 per cent of the barley and a very small percentage of the wheat and oats have been swathed. Very little threshing has been done.

No flax and just a little rape has been cut. Indications are that frost on August 17 did more damage than first expected. Barley and wheat particularly are not filling properly. Around Moota, in northwest Saskatchewan, no harvesting has been done to date. Crops are showing some effect of frost damage and rust is appearing in late fields. Harvesting conditions are poor.

The following hail storms have been reported since our last report: August 16, Buttress to Briercrest to Corinne (light to medium); Francis to Candiac to Corning (medium to heavy); Carlyle to Manor to Redvers to Antler (medium); Burrows to Moosomin to Fleming (heavy); August 24, Verwood to Wheatstone (light to medium); August 25 Marquis to Tuxford to Moose Jaw (medium); Hoffer area (light); August 26, Ituna area (light); Bear Creek to Welwyn to Fleming to Fairlight Station to Redvers (medium); August 27, Thunder Creek to Chaplin (light).

Average precipitation for the province since April 1 has been 1 per cent below normal as compared with 5 per cent below normal a week ago, 3 per cent below normal two weeks ago, and 17 per cent above normal a year ago. Mean temperature for the week ending September 3 was 0.7 degrees below normal compared with 7.5 degrees above normal a week ago, 2.5 degrees below normal two weeks ago and 7.1 degrees above normal for the week ending September 5, 1955.

ALBERTA Cool, wet weather has slowed harvesting operations in Alberta. Prior to the rain cutting was general in the southeast and barley cutting was general in the Peace River area. Cutting and swathing were well under way in many other areas but were not considered general throughout the province. Unfavourable weather has increased the danger of frost damage, particularly in western and northern areas. However, barring serious frosts in the near future, the yield outlook for Alberta crops is still excellent.

Barley harvest is completed in the Manyberries district in the southeast and wheat harvesting is in full swing although progress has been hampered by intermittent showers. Durum wheat has lodged badly. Ranges are making good growth.

The Dominion Experimental Farm at Lethbridge reports that wet, cold weather is delaying harvesting operations in the area south of Calgary. About 75 per cent of the barley has been cut with about 50 per cent threshed. Hard spring wheat is about 50 per cent cut, with about 10 per cent threshed. About half of the mustard has been cut and threshed with individual yields reported as high as 1800 pounds per acre. The canning corn harvest is under way. At Claresholm wet, cold weather has delayed ripening of grain and light frost occurred on the nights of September 2 and 3. Swathing should be general September 10 with threshing being general by the 20th. Durum wheat and flax are still green.

Cold, damp weather is delaying harvest in the Brooks area. At Vulcan wet weather has delayed harvesting operations during the past week with two nights showing slight frost. All crops are lodged to some extent which will make swathing and combining difficult. About half of the barley and 75 per cent of the oats have been harvested to date. In the Calgary district continued rain and cold have stopped all harvesting. Six degrees of frost occurred Sunday night damaging grades on late-sown crops. Estimated percentages of crops cut to date are as follows: wheat, 5; oats, 10; barley, 30; flax, nil; rye, 100. Percentages threshed: barley, 5; rye, 60; others, nil. Dry weather is urgently needed.

Harvest is started at Sedgewick in central Alberta, with some early barley turning out an average yield of about 35 bushels per acre. Feed is in abundant supply but hot, dry weather is needed to ripen grain crops. Farther south at Stettler cutting of barley is general but there has been no threshing as yet. Wheat is about ten days later than last year and is now showing signs of stem rust. Heavy rains and some light snow have been received. There has been some lodging in coarse grains but prospects are still considered good for above-average yields of all crops. Harvest should be general about September 15. Light frost occurred on the night of September 3.

Harvesting was progressing favourably in the Red Deer area of western Alberta until rain on September 1 halted operations. Thirty to forty per cent of the coarse grains has been swathed with about 5 per cent threshed. Barley yields are estimated at about 30 bushels per acre and oats 50 to 60 bushels. Somewhat similar conditions prevail at Lacombe. Leaf diseases of barley are causing general lowering in grades. Yields are estimated as follows: wheat, 30; oats, 55; and barley, 40 bushels per acre. Some lots of barley are below standard weights. Second crops of hay and pasture are good. Crops now in the swath will be badly weathered. Farther west at Eckville cool, wet weather has held up harvesting operations during the past ten days. Swathing is 80 per cent completed and about 5 per cent of the crops has been combined. The grain is of good quality with yields about as follows: barley, 34 and oats, 56 bushels per acre. Summerfallow is in good condition and swathing could be completed in four days given warm, dry weather.

At Stony Plain west of Edmonton harvesting operations have been stopped by rain but should resume by September 6 or 7 given drying weather. About half of the local crops have been cut but little threshing has been done to date. Haying is almost completed, with some second-cut alfalfa remaining for harvest.

Northeast of Edmonton in the Bonnyville district harvesting is proceeding very slowly due to wet fields and adverse weather conditions. The majority of grain crops is still green and rust damage appears inevitable. Extensive damage has already occurred through flooding, rust and lodging and general prospects are not encouraging. Crops are good in the Colinton area north of Edmonton. Some good quality barley has been threshed but current rains will seriously lower quality of grain still in the fields. Harvesting operations are at a standstill and will be delayed for at least another week. At Falher in the eastern part of the Peace River District rain and snow have delayed harvesting and only about 10 per cent of the early barley has been harvested to date. Frost on September 4 damaged wheat, oats and possibly flax. Yield prospects are good for some 3,000 acres of rapeseed in this area but none has been harvested as yet. Harvesting could resume given three days favourable weather. A below-average honey crop is indicated.

The Alberta Hail Insurance Board reports grain badly shelled from recent small storms at various points, with the most extensive damage north and east of Vulcan in a strip from one to five miles wide from Ensign for 25 miles on August 27. The Science Service Laboratory at Lethbridge reports insect damage to crops this season to be the lowest in the last 25 years. Some localized sawfly damage has occurred. The Canadian Hail Underwriters Association also reports hail storms in Alberta on August 16 in the Spring Coulee area (light); on August 24 in the Forestburg and Castor areas (light to medium) and on August 27 in the Vulcan area (medium).

Average precipitation for the province since April 1 has been 14 per cent above normal as compared to 2.25 per cent above normal a year ago, 15 per cent above normal two weeks ago, and 2 per cent below normal a year ago. In temperature for the week ending September 5 was 2.4 degrees below normal in contrast to 0.5 degrees above normal a week ago, and 0.2 degrees below normal, two weeks ago and 0.8 degrees above normal for the week ending September 5, 1933.

BRITISH COLUMBIA The growing season for grain crops is well advanced while the season for fruit crops is only beginning. In the Peace River block, approximately 80 per cent of the grain crops are now harvested. Wheat and oats are 80 per cent and 70 per cent harvested, respectively. The report from the Peace River block is that the grain crops are well advanced and the fruit crops are beginning to show. The report from the Peace River block is that the grain crops are well advanced and the fruit crops are beginning to show. The report from the Peace River block is that the grain crops are well advanced and the fruit crops are beginning to show.

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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. Sept.3,1956	since April 1	since April 1	Sept. 3 1956	Normal
		- inches -			- degrees F. -	
MANITOBA						
1	Pierson	N.R.	10.79 ^{2/}	10.34	N.R.	59
	Melita	N.R.	10.40 ^{2/}	13.57	N.R.	59
	Waskada	.60	10.08 ^{2/}	10.65	59	59
	Deloraine	.89	12.46	10.48	60	59
2	Boissevain	.51	12.67	10.30	61	60
	Deerwood	2.60	12.96	10.59	63	60
	Ninette	.27	12.21	10.79	61	60
3	Portage la Prairie	2.77	12.96	10.57	62	59
	Graysville	N.R.	10.57 ^{2/}	10.79	N.R.	58
	Morden	3.54	15.49	10.71	63	60
	Altona	1.78	11.92	10.66	63	60
	Morris	2.64	12.16	10.82	63	59
	Roland	N.R.	10.07 ^{2/}	10.39	N.R.	60
	Gretna	2.31	13.16	10.22	64	60
	Emerson	2.75	11.55	10.22	63	60
4	Winnipeg	3.24	13.19	12.17	63	59
6	Sprague	2.97	17.36	11.21	62	58
	Seven Sisters Falls	2.29	11.54 ^{2/}	9.33	62	56
7	Virden	1.77	13.89	9.25	60	57
	Reston	N.R.	9.19 ^{2/}	11.40	N.R.	59
	Rivers	.22	15.41	10.82	60	57
8	Brandon	.47	13.96	10.98	N.R.	58
	Cypress River	1.40	11.00	10.83	61	58
9	Neepawa	.72	16.35 ^{2/}	10.66	60	57
	Plumas	N.R.	.96 ^{2/}	10.73	N.R.	57
10	Russell	2.36	8.39	10.14	56	56
	Rosburn	1.00	15.07	10.14	58	56
	Birtle	.77	15.28	10.72	58	56
11	Dauphin	.78	14.36	9.43	58	56
12	Gimli	1.99	10.44	11.12	61	58
13	Swan River	3.21	14.99	10.92	57	54
	The Pas	.67	7.34	8.80	54	56
MANITOBA AVERAGE		1.71	13.11	10.62	60.5	58.1
SASKATCHEWAN						
1A	Estevan	.74	9.49	10.07	59	58
	Carlyle	.35	11.62	10.70	56	55
	Oxbow	N.R.	8.06 ^{2/}	10.36	N.R.	56
	Willmar	.50	11.54	9.79	N.R.	N.R.
1B	Broadview	.17	10.95	9.67	57	57
	Moosomin	.43	10.38	9.81	58	55

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

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m. Sept.3, 1956	Total since April 1	Normal since April 1	Week ending 8 a.m. Sept. 3 1956	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (continued)						
2A	Yellow Grass	.28	10.33	9.32	60	58
	Creelman	N.R.	10.54 ^{2/}	9.50	N.R.	58
	Weyburn	N.R.	10.59 ^{2/}	9.72	N.R.	59
	Midale	.61	10.54	10.14	57	59
2B	Moose Jaw	.30	9.75	9.67	59	58
	Regina	1.49	12.50	9.74	58	57
	Rowatt	1.11	9.24 ^{2/}	9.62	N.R.	57
	Francis	.28	10.57	8.37	57	58
	Qu'Appelle	N.R.	8.94 ^{2/}	11.46	N.R.	58
	Indian Head	.27	9.60	11.05	57	56
	Wilcox	N.R.	10.82 ^{2/}	9.50	N.R.	57
	Assiniboia	.93	8.38	7.78	57	60
3AS	Ormiston	.18	6.35	8.72	58	60
	Readlyn	.50	8.57	7.78	58	60
	Minton	.83	7.40	10.84	55	58
	Cardross	N.R.	6.59 ^{2/}	8.72	N.R.	60
3AN	Ceylon	N.R.	7.24 ^{2/}	11.60	N.R.	58
	Chaplin	.15	5.96	10.18	58	57
	Gravelbourg	.77	7.60	8.53	56	56
	Coderre	1.47	9.12 ^{2/}	8.79	57	56
3BS	Cadillac	1.54	8.65	10.67	56	56
	Aneroid	.59	6.22	9.77	56	56
	Instow	.52	8.04	8.67	54	56
	Pennant	.35	6.70	9.43	55	59
3BN	Swift Current	1.23	8.40	9.99	56	57
	Hodgeville	.59	8.12 ^{2/}	9.26	56	57
	Hughton	1.15	6.98 ^{2/}	8.74	56	56
	Maple Creek	.65	6.98	8.98	56	59
4A	Consul	N.R.	7.36 ^{2/}	7.60	N.R.	57
	Roadene	.10	6.03 ^{2/}	8.75	56	56
4B	Cupar	N.R.	8.87 ^{2/}	8.99	N.R.	55
	Leross	.95	10.43	9.76	55	55
5A	Yorkton	1.79	10.35	10.20	57	56
	Bangor	1.09	11.70	9.94	57	56
	Dafoe	.74	8.92	8.93	56	54
5B	Lintlaw	1.69	9.46	9.69	53	53
	Kamsack	2.56	10.48	9.27	56	55
	Buchanan	2.74	10.46 ^{2/}	9.65	58	55
	Pelly	2.16	9.62	10.18	53	56
6A	Davidson	.58	9.73	7.98	56	55
	Dilke	N.R.	9.33 ^{2/}	8.39	N.R.	N.R.
	Imperial	N.R.	9.51 ^{2/}	7.90	N.R.	55
	Semans	NIL	6.67	6.32	56	54
	Strasbourg	.51	12.56	8.91	56	56
	Watrous	.92	8.42	6.83	56	56

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

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m. Sept.3,1956	Total since April 1	Normal since April 1	Week ending 8 a.m. Sept. 3 1956	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (concluded)						
6B	Harris	NIL	4.85 ^{2/}	8.45	54	56
	Outlook	.57	6.19	7.52	N.R.	56
	Saskatoon	.21	6.23	9.39	56	56
	Elbow	.29	10.36	7.89	56	57
	Tugaske	.79	7.14 ^{2/}	7.89	57	56
	Dundurn	.64	8.11	9.42	58	55
	Rosthern	1.08	5.77	9.29	55	56
7A	Kindersley	.16	9.56	8.46	56	55
	Rosetown	.02	7.43	9.44	55	54
7B	Macklin	.39	9.24	9.47	52	54
	Scott	.22	6.18	8.92	52	55
	Biggar	.92	8.93	9.60	55	56
	Ruthilda	N.R.	8.27 ^{2/}	9.52	N.R.	N.R.
8A	Hudson Bay	1.26	12.55	9.85	52	54
	Porcupine Plain	1.34	10.57	9.85	50	54
8B	Humboldt	.18	7.57	7.92	54	55
	Melfort	.55	10.01	9.80	55	56
9A	North Battleford	1.17	7.60	9.32	55	58
	Rabbit Lake	2.60	13.70	9.70	50	55
	Leask	.71	7.08	9.49	53	56
	Prince Albert	.89	7.95	9.75	54	56
9B	Island Falls	1.02	9.08	10.37	52	55
	Waseca	2.19	17.42	9.07	53	53
SASKATCHEWAN AVERAGE		.82	9.19	9.28	55.6	56.3
ALBERTA						
1	Taber	.51	7.79	7.78	56	56
	Foremost	.43	10.23	11.05	56	60
	Winnifred	.87	10.84	6.89	N.R.	N.R.
	Medicine Hat	.85	11.28	8.13	58	60
	Manyberries	.39	10.21	8.34	55	59
2	Cowley	.62	10.68	10.30	53	56
	Fort Macleod	1.18	10.71	9.16	54	58
	Cardston	1.04	16.47	13.19	54	56
	Lethbridge	1.35	12.09	9.06	57	57
	Magrath	1.68	11.70	10.74	55	57
3	Vauxhall	.74	9.49	8.01	55	56
	Hays	.89	9.44	7.78	56	56
	Brooks	.50	8.69	7.82	54	59
	Bindloss	N.R.	9.81 ^{2/}	7.64	N.R.	57
	Empress	.31	6.34 ^{2/}	8.33	58	57



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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	Sept. 3		
	Sept.3,1956	April 1	April 1	1956	Normal	
			- inches -	- degrees F. -		
<u>ALBERTA</u> (concluded)						
4	High River	1.47	13.97	11.47	50	54
	Vulcan	.85	11.68	9.07	53	54
5	Drumheller	.45	12.53	10.03	55	60
	Hanna	.26	12.31	10.51	53	56
	Naco	N.R.	7.65 ^{2/}	9.16	N.R.	55
	Excel	.13	7.09 ^{2/}	7.49	53	56
	Oyen	NIL	9.68 ^{2/}	7.49	N.R.	N.R.
6	Olds	.73	14.24	11.45	51	52
	Calgary	.52	12.22	11.37	52	56
	Strathmore	N.R.	7.11 ^{2/}	10.07	N.R.	52
	Gleichen	.57	12.22	9.26	54	55
	Hussar	N.R.	9.13 ^{2/}	9.03	N.R.	N.R.
	Trochu	N.R.	12.25 ^{2/}	10.23	N.R.	54
7	Alliance	.95	11.50	8.85	51	55
	Hardisty	N.R.	11.55 ^{2/}	9.55	N.R.	N.R.
	Coronation	.22	11.58	8.12	52	55
	Hughenden	N.R.	8.80 ^{2/}	9.05	N.R.	56
8	Red Deer	.30	11.42	13.37	50	52
	Lacombe	N.R.	11.86 ^{2/}	11.34	N.R.	52
	Wetaskiwin	.41	13.79	10.82	50	54
	Camrose	N.R.	10.52 ^{2/}	9.91	N.R.	54
	Stettler	.50	9.86	11.10	50	53
9	Rocky Mountain House	.71	14.12	12.17	49	50
	Springdale	.17	11.36 ^{2/}	13.48	47	50
10	Vegreville	N.R.	12.66 ^{2/}	12.02	N.R.	52
	Vermilion	1.13	12.41	11.78	51	52
	Lloydminster	.78	12.71	8.53	51	52
11	Edmonton	.88	13.71	11.50	53	55
12	Edson	.61	13.00	11.65	48	53
	Whitecourt	.96	12.60	12.39	50	52
13	Elk Point	.64	12.66	9.50	49	50
	Lac la Biche	2.26	13.38	9.65	51	52
14	Campsie	1.11	15.10	11.56	50	52
	Athabaska	2.00	10.70	10.65	52	52
15	High Prairie	.86	12.62	9.60	50	53
	Wagner	.52	6.43 ^{2/}	10.60	51	53
16	Beaverlodge	N.R.	8.86 ^{2/}	8.07	N.R.	53
	Grande Prairie	.41	9.62 ^{2/}	9.70	53	53
	Fairview	N.R.	6.53 ^{2/}	7.38	N.R.	53
	Berwyn	.52	10.18	7.38	49	53
	Fort St. John	.99	11.94	9.15	49	55
ALBERTA AVERAGE		.76	11.70	9.82	52.3	54.5

N.R. - No report.

1/ - Source: Meteorological Service of Canada.

2/ - Incomplete: not included in average.