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TELEGRAPHIC CROP REPORT - CANADA

This is the sixth 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 tenth 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 Below normal rainfall in the Maritime Provinces has reduced the hay crop and more moisture is needed in most areas. Reports from Prince Edward Island indicate that about one-half of the hay has been cut while in Nova Scotia sixty per cent has been harvested. Dull weather has prevailed in both the mainland provinces. Showers were reported hampering haying in Nova Scotia without materially alleviating the dry soil conditions. Pastures are dry but grain crops are more promising. Some early potatoes have been dug in Nova Scotia. In New Brunswick most of the grain is headed and a normal crop anticipated.

Quebec Frequent rains during the past two weeks have delayed haying operations and reduced the quality of the crop. Despite this situation storing is well advanced in central and western parts of the province. Yields, however, are below average in most regions due to lack of leguminous plants. In general cereal crop prospects remain good. Harvesting is beginning in the Montreal district but in eastern areas grains are only starting to head. Early potatoes are plentiful and canning of an excellent harvest of green peas is just about completed. Truck crops are promising and pastures are in good condition, with the milk flow remaining on a satisfactory level. Hail on July 14 destroyed oats over an extensive area in the Joliette district as well as a hundred acres of flue-cured tobacco. The strawberry season is about over and harvest of a promising raspberry crop is getting under way.

Ontario Weather during the past two weeks has generally been ideal for haying which is practically completed except in northern districts where it is about half finished. Second growth is now developing well in southwestern and central Ontario. Hay fields have been good in old Ontario but are somewhat below average in northern districts largely as a result of slow early growth. A good crop of fall wheat is now being harvested and spring grains are ripening rapidly with some early fields already cut. Yields per acre are expected to be above average for the province as a whole.

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, 1957.

Corn, soybeans and other late crops are all making good growth. Early potatoes are yielding well. Some tobacco has been harvested in Norfolk County during the past week. Tobacco crops are beginning to turn yellow in South Simcoe and do not look as strong as they did earlier in the season. In Eastern Ontario and in the Thunder Bay region crops would benefit from more rain. Pastures have held in good condition in central and western districts during July but rain is now needed in some eastern parts of the province. The milk flow is being maintained at a satisfactory level.

Prairie Provinces Hot, dry weather during the past two weeks has caused a further serious reduction in crop prospects in the Prairie Provinces. Good prospects have been maintained in Manitoba but rapid deterioration has occurred over wide areas in Saskatchewan and Alberta. Late-seeded and stubble crops will be poor, but given sufficient rain, fair to good yields could yet be obtained on summerfallow lands. Hail has taken a heavy toll in all three provinces and grasshoppers are a problem in some southern districts in Saskatchewan. No general rains have occurred but showers have relieved the moisture situation in a number of localities. Hot weather is forcing crops to ripen prematurely with a consequent reduction in yield outlook. In general it now appears that crop outturns will be well below the average level of the past few years and unless adequate rain is received they may even fall short of the longtime averages.

British Columbia With the exception of a few warm days the weather during the past two weeks has been generally cool and overcast with frequent showers. Harvesting of second-cut alfalfa is progressing but has been hampered by rains. In the lower mainland district raspberry picking will be over in a few days. Oats are rapidly turning colour. Potato fields are in good condition and prospective yields are promising. Canning corn is making very good growth. Seed peas in the Creston and Grand Forks area are looking very good. Combining of fall wheat has commenced around Vernon. The loganberry harvest on Vancouver Island is now past its peak but picking is still proceeding in considerable volume.

MARITIME PROVINCES Precipitation at Charlottetown was 3.74 inches below normal for May, June and July this year. The dry weather has seriously reduced the hay crop which is now about 50 per cent harvested. Yields are expected to be about one-half of last year. Pastures are also dry and milk production is down. Although all crops require moisture grain growth is described as normal but harvesting will be later than usual. In the case of early potatoes the crop is making excellent growth but fields planted at about the middle of June have suffered from the dry, cool weather. Most vegetables are showing excellent growth so far but more moisture is needed to sustain yields. Cucumbers need moisture and heat to promote growth. Corn and root crops are doing well. Apples and cranberries are showing a heavy set of fruit. Cherries and plums, however, are extremely light. Picking of raspberries is just commencing and the outlook is promising. A good yield of blueberries is anticipated. A large percentage of barley is infested with aphids but in only a few cases is the situation serious enough to warrant the application of control measures. There is little serious insect infestation on potatoes.

Continued dry soil conditions in Nova Scotia have resulted in hay yields much below normal. Some showers have hampered hay making without materially improving moisture supplies. About 60 per cent of the hay has been cut with a light crop reported except on the marshes and low land where fair yields have been obtained. Pastures are described as generally very dry although reports from the Amherst area indicate that where adequately fertilized they are holding up well. Hoed crops are about average



and vegetables are growing well. Grain fields are headed. Crop prospects are somewhat variable with the situation described as excellent for early sown fields in Amherst area and about average in the Annapolis Valley. In certain other districts the dry weather is retarding growth and yields will be below average. Early potatoes are being dug with yields reported as fair. Late potatoes are showing heavy tops and good growth.

In New Brunswick a below average hay crop is being harvested in the southern parts of the province. Elsewhere yields are about average and hay making is 50 per cent completed. Grain is mostly headed and looks promising. Some lodging, however, is reported. Potatoes are progressing satisfactorily although there is a high percentage of misses in some fields. Some blight is reported. Root crops are generally good. Harvesting of the pea crop is almost finished with high quality and good yields reported. Blueberries continue to show promise.

QUEBEC The Experimental Farm at L'Assomption east of Montreal reports that precipitation during the month of July was an inch above average. Haying is only half completed and the quality is poor. All hoed crops are suffering from excess moisture. The outlook for cereal crops is average but canning crops are below average. Flue-cured tobacco crop prospects are good but cigar tobacco is only fair. South of Montreal at St. Jean the apple crop is estimated at about half that of 1956. Scab and insects, however, are fairly well under control. Heavy to light hail damage has occurred in some parts of the district. Weather conditions have been fair during the past two weeks and grain crop prospects are very good. Canning crops are in excellent condition but the pea harvest is not yet completed, the ground being too wet in some localities. Harvesting of a fairly good hay crop is almost completed. Farther east at Lennoxville July rainfall has been heavy and while the hay crop is good harvesting conditions have been unfavourable. Considerable acreage still remains to be cut. Grain crops are beginning to ripen but considerable lodging has occurred due to weather conditions. Pasture and corn crop prospects are good.

The Experimental Farm at Ste. Anne de la Pocatiere, east of Quebec City, reports that abundant rains throughout July have delayed haying. Hay yields, however, are almost normal but weather is causing a reduction in quality. Cereals are growing nicely but lodging is occurring under heavy rainfall. Pastures are excellent and the hay aftermath good. No severe disease or insect outbreak has occurred as yet. The Experimental Farm at Normandin reports 4.1 inches of rain during the past two weeks. The showery weather has made haying almost impossible and very little has been cut to date. The quality is very poor but yields satisfactory. Pasture and grain crops are excellent but some grain has lodged. Potatoes and garden crops are very promising. A light crop of blueberries is in prospect. Milk production is above average.

Damp, cold weather prevails in the Gaspé Peninsula and Baie des Chaleurs regions. Rain has been reported daily for the past ten days and evaporation is very light. However, farmers are now beginning to cut an above average hay crop. Cereals look well except in low areas. Loose smut is quite severe in barley and weeds are also a problem. Strawberry yields have been good and are now nearing the end of production. Pastures are excellent.

ONTARIO In Simcoe County fall wheat is being cut or waiting for combine. Yields are good and little lodging has occurred. Oats and barley are ripening fast with 80 per cent of the crop considered better than average. The remainder is poor. Ninety-five per cent of the hay has been cut and 85 per cent is under cover. While some hay was lost or badly damaged, quality and yield were better than expected and most farmers should have enough to meet needs. Late potatoes promise to be a good crop and corn

is improving with warmer weather. Most localities have had three weeks of dry weather and rain is now needed. Farmers are just finishing a heavy crop of hay in Bruce County where the second cut is also making good progress. Fall wheat and early-sown spring grains are being cut or combined. The crops harvested and prospects for the crops yet to be harvested are probably the best on record.

Fall wheat harvesting has been in full swing during the past week in Wellington County, with good yields reported. Most of the rape for fall pastures was seeded last week. Corn, root and potato crops are making excellent progress. Spring grain is ripening and filling well, with harvest of early fields starting late last week. In Waterloo County the fall wheat harvest is under way, with slightly above average yields being obtained. Cutting of spring grains has also commenced. Barns are filled to capacity with hay in Halton County. A portion of the crop was badly weathered with some first crop hay still in the fields and some second crop now being taken off. The fall wheat harvest is well advanced and harvesting of a normal oat crop has commenced. Corn crop prospects indicate full silos in the fall.

The wheat harvest is nearly completed in Essex County, with yield and quality having been fair. Oats are being combined. Heavy rains which were reported earlier caused damage to most crops in varying degrees, particularly to late tomatoes and tobacco. Corn and soybeans are now making fairly good growth, although some crops are suffering from excessive moisture. Potato harvest is continuing and onions, field cucumbers and tomatoes are also being taken off. Picking of peaches is beginning. The Experimental Farm at Harrow reports that prospects for late crops in Essex County are only fair due to losses from excessive rainfall and flooding. Losses are placed at 10 per cent in tobacco, 20 per cent in canning tomatoes, and 10 per cent in soybeans and corn.

Good yields of fall wheat are being obtained in Norfolk County. The oat harvest has commenced, with average yields anticipated. Good second crops of hay are being harvested and the outlook for corn is good. Potato yields are excellent. Tobacco, however, looks spotty and yields will likely be below average. Spraying is general for tomato blight. Fruit prospects continue fair to average.

The fall wheat harvest has been completed on Pelee Island with yields averaging about 24 bushels per acre. Extensive damage was caused by flooding to soybeans on low land, with losses placed in excess of 30 per cent.

In Kent County heavy rains have caused water damage in low areas of some fields. The fall wheat harvest is well advanced. Yields have been lower than anticipated but insect injury has not been significant. Oats are now ripe and harvest is under way. Row crops look good. Second cut hay is being stored and pastures are in satisfactory condition. The corn borer population is variable but shows locally severe infestations. Potato leaf hoppers are abundant, with some hopper burn on alfalfa and potatoes.

Crop prospects in Prince Edward County continue promising. The weather has been sunny, warm and humid and pasture growth has been strong. The hay crop is heavy. Growing conditions are generally good in Leeds County. Fall wheat is excellent with the harvest almost completed. Cutting of an above average oat crop has begun. Pasture and hay crops are fairly good. Corn is growing rapidly and moisture supplies are generally adequate. Haying is completed in Dundas County with farmers harvesting a large crop of good quality hay. Cutting of spring grains began last week with the Clinton and Lanark varieties of oats. Rodney and Garry oats will be cut this week and a bumper crop is assured. Corn has made excellent growth and will be an above average crop. Recent rains have kept pastures and aftermath green and lush.



Haying is nearing completion in Renfrew County after three weeks of ideal weather. Binding of spring grain is just commencing but there has been no combining as yet. Average yields of spring grains are in prospect. Heavy showers on July 28, 29 and 30 have been very beneficial to pastures and second cut alfalfa. Ensilage corn is an above average crop.

The Experimental Farm at Kapuskasing reports haying under way with ideal weather conditions prevailing. Yields have been normal and about 50 per cent of the harvest is now complete. Aftermath has been slow to recover and pasture conditions are declining.

MANITOBA Recent rains have improved conditions in southwestern and northwestern Manitoba where some crops were deteriorating rapidly. Hot, dry weather had brought crops along rapidly resulting in damage to barley, wheat and to a lesser extent to oats. Lower yields will result and in the Melita district losses up to 50 per cent are estimated. Dry weather has aided farmers in flooded areas to start summerfallow operations. Many farmers have a complete crop failure in these areas. Generally, however, conditions in the province are good and with normal moisture during the next two weeks an above average crop will be harvested. Swathing of fall rye is progressing and a start made on early-sown barley. Some wheat is expected to be cut this week in southern sections of the province. The final cultivation of a favourable crop of sugar beets is nearly completed. Aster yellow in flax will probably reduce yield 10 per cent in some districts.

There have been sporadic infestations of painted lady butterflies on sunflowers and sugar beets and aphids on late-seeded barley. Spraying for the latter has been done in some districts. Grasshopper damage has largely been confined to meadows and pastures except in the Beausejour district where damage to maturing oats is reported.

Crops are quite poor in the Emerson district and yields will be difficult to determine because approximately seventy per cent of the total area has been damaged by flooding. Some farmers have commenced to swath barley but only about one-third of the haying has been completed. At Altona barley cutting is getting under way and will be in full swing this week. Much premature ripening has occurred due to high temperatures. Most of the fall rye has been swathed. Sunflowers are budding and most fields are showing colour. Leaf beetle control has been found necessary in many fields and there have been a few reports of damage by painted lady. The final cultivation of beets has been mostly completed. Spraying for webworm has been necessary in some fields. Haying has been completed in the district. The Experimental Farm at Morden reports that crops are maturing fast due to hot weather. Some fields of barley have already been swathed. In general, heads are filling well but some late-seeded crops may suffer from heat and lack of moisture. Row crops are making rapid growth. Some leaf rust is in evidence but only traces of stem rust have appeared. Crop prospects are generally good.

All the crops are headed in the Pilot Mound area except for some late barley. Swathing of fall rye has started while some fields of early barley will be swathed soon. Damage has been caused by the painted lady butterfly on sunflowers rather than army worms as earlier reported. Aphids have appeared on late barley and spraying operations are being carried out. Moisture reserves in this district are depleted. In the Melita district moisture conditions vary from fair to poor and extensive yield reductions have occurred to all grain crops. The rye crop has been swathed and also a large proportion of the barley. Some wheat and oats have also been cut.

In the Beausejour area east of Winnipeg, hot weather has been causing damage to crops. Rain and cooler temperatures are needed to promote normal maturity. Haying is in full swing and nearing completion. There has been increased activity of grasshoppers

in some oat fields. Our correspondent from Portage La Prairie reports that excessive heat is maturing crops too rapidly. The barley harvest has started and will be general this week. Because of the heat, yields in many fields will be reduced. Rain and cooler weather are needed or crop damage could be severe. Much of the flax is very short. Peas are satisfactory and sugar beets are good. Early wheat is starting to ripen. Pastures are fair.

The Experimental Farm at Brandon also reports that high temperatures are forcing crops to maturity with some deterioration in yield expected. Wheat will yield about 20 bushels, barley 32, oats 42, and flax 7. Leaf disease is now widespread on barley and grasshoppers are doing minor damage. General crop prospects are fairly good and cutting will commence in the district within a day or two. In the Virden area crops are well advanced and harvesting is just getting under way. Recent heat has caused crops to burn in southern regions and will reduce yields sharply. The expected yields over most of the area, however, are good.

In the Inter-lake area at Teulon crop conditions are fairly good but rain is needed in some parts. Hay is much improved and sufficient quantities will be available in the majority of cases. Early-seeded barley is turning colour. A virus disease has hit most of the potato gardens in the district. Moisture supplies are sufficient at Arborg and summerfallow operations are coming along nicely. Most grain fields are headed with some barley turning colour a bit early on account of the heat. Haying is about 80 per cent completed. Pastures are holding fairly well.

Crops made good progress last week in the Minnedosa district. Most small grains are headed and flax has just passed the blooming stage. Wheat on summerfallow looks good but is patchy on other land. Much of the barley will yield light. A trace of leaf rust has been found and late blight and purple top are affecting many potato patches. Moisture conditions in the district are good. Wheat is headed in the Shoal Lake area but second crop barley and flax are still doing very poorly. Hot weather has hastened maturity of all crops particularly barley. Wheat stands indicate an above average crop. Rains during the past week have been scattered. Haying is nearly completed and summerfallow is in fair condition. There has been one report of extensive damage to barley by aphids, and late blight is doing considerable damage to potatoes.

In Northern Manitoba, at Swan River, wheat is all headed, barley 75 per cent, and oats 65 per cent headed. Fall rye is ripe but harvesting has not yet started. Considerable hail and heat damage will cut yields by as much as 50 per cent. Haying is almost completed. Hot weather is sapping up reserve moisture rapidly.

The Entomological Laboratory at Winnipeg reports that a grasshopper survey now in progress indicates light to severe populations in the Neepawa, Carberry and Brandon districts. The heaviest populations are being found in alfalfa and pastures. Light damage is occurring in oats and fall rye. The two-striped grasshopper population has been reduced by fungus disease. Some damage to sunflowers has occurred by the painted lady butterfly and the sunflower beetle. The following hail storms occurred during the past two weeks. July 16 - Tilston area (light); Findlay, Argue and Souris (medium); Beulah to Decker to Minnedosa to Arden (light), Cardinal (light), Lenore (medium); July 17 - Carroll to Minto (light), Arran to Swan River to Bowsman (medium), Makaroff to Roblin to Grandview to Sifton to Lake Dauphin (light to medium); July 20 - Foxwarren to Birdtail (light); July 23 - Kirkella to Manson (medium); July 25 - Rosenfeld Area (medium).



Average precipitation for the province since April 1 has been 10 per cent above normal as compared with 11 per cent above normal a week ago, 11 per cent above normal two weeks ago, and 16 per cent above normal a year ago. Mean temperature for the week ending July 29 was 7.3 degrees above normal as compared with 4.5 degrees above normal a week ago, 6.5 degrees above normal two weeks ago and in contrast to 2.1 degrees below normal for the week ending July 30, 1956.

SASKATCHEWAN Crop conditions in Saskatchewan continue to show wide variation in the province with serious deterioration occurring over wide areas. Recent scattered light to heavy showers have checked losses to some extent and maintained favourable prospects in some better crop areas. All crops are at a critical stage, however, and more moisture is required to ensure proper filling. Prevailing hot, dry weather is rapidly forcing crops to maturity. Cutting of fall rye is under way and the odd field of barley has been swathed. Drought has caused extensive losses to date in most areas and hail damage has been severe this year. Grasshoppers are quite numerous in the extreme southern regions of the province.

Our correspondent from Yellow Grass in southeastern Saskatchewan, reports that summerfallow crops are fair to good but stubble crops poor. The hay crop has been light. Some swathing of barley will commence this week and harvesting in general will be two weeks earlier this year. Rain to the extent of 1.5 inches was received last week, too late for stubble crop lands. It is expected that two-thirds of an average crop will be received.

At Pillmore except for light scattered showers very hot, dry weather continues. All crops are maturing very quickly and swathing of early-sown fields will commence within two weeks. Summerfallow crops indicate above average yields but many stubble fields have been turned under or mowed for feed due to drought and wild oat growth. Yields of tame hay have been light but adequate supplies of slough hay and green feed are available.

The Experimental Farm at Indian Head reports that continued hot, dry weather has caused further deterioration of crops especially on stubble lands. Up to one-half inch of rain in some localities has brought improved conditions but there has been no general rainfall over the area. Summerfallow crops have stood up very well on heavier soils and should yield 15 to 20 bushels per acre. Early-seeded crops are starting to turn colour and some stubble crops will be ready to swath in a week's time. Pastures are very dry and there has been little growth due to dry conditions. The hay crop is the lightest since 1949.

The Experimental Farm at Swift Current reports that wheat crops in the western portion of the area are above average but in the eastern portion they are deteriorating rapidly due to extreme heat. Rye swathing is general and yields are expected to be slightly below average. Barley is nearly ready to swath with above average yields in prospect. Flax is showing some damage from disease and yields are expected to be below average. Farther south and east, at Eastend, crops are deteriorating due to hot weather and most of the wheat will now yield from 8 to 12 bushels per acre. Hail has damaged crops in the Robsart, Claydon, Frontier and Climax localities. Hay supplies are sufficient in most areas. Swathing of early barley should be under way this week. Farther north at Leader, the weather has been extremely hot and dry. Crops on summerfallow are doing well but stubble crops are poor. Rye swathing has begun.

In the east-central part of the province at Togo crop conditions are very variable. Heat is causing premature maturity on very short straw. Wheat is filling in three rows on

good land. All second crop land shows serious deterioration with short, small heads and thin stands. Hail has caused further damage over a large area varying from 5 to 100 per cent loss. The outturn in the district can not now be better than 50 per cent of average. In the Willowbrook district crop conditions are about 65 per cent of normal. Summerfallow crops are fair but coarse grains on stubble are very light. Due to recent rains wheat crops are filling satisfactorily. Harvest is expected to begin within the next two weeks if present hot, dry weather continues. Haying is general and yields are light.

Our correspondent from Drake reports that no rain has been received during the past three weeks. Grain fields are turning colour fast and moisture is needed for filling. Fall rye is ready to swath. Areas damaged by hail are being ploughed down. The hay crops are poor and pastures are drying up. Farther west at Rosetown, all grain stands are fair to good. Some flax and coarse grains require further moisture before maturity. The odd field of barley and wheat is turning ripe. The Experimental Farm at Scott reports that abnormally hot weather with only light scattered thundershowers has caused further deterioration during the past two weeks to most spring crops in west-central Saskatchewan. Few districts now promise much better than average crops. Flax, however, looks surprisingly good where stands are even.

In north-east Saskatchewan at Melfort, very high temperatures during the past two weeks have caused rapid crop development. Rainfall has been scattered and light. Summerfallow crops are standing up well but stubble land will require general rain. Stands are thinner and yields will likely be 20 per cent lower than last year. Haying is well advanced with light yields. Pastures are only fair. Farther north at Nipawin a recent good rain will provide enough moisture for the balance of the season. Crop conditions are 90 per cent of normal and estimated yields are — wheat 20, oats 35, barley 25, rye 20 and flax 12 bushels per acre, rape 500 pounds and sweet clover 600 pounds per acre. In the northwestern part of the province at Meota crops are poor. Continued hot, dry weather has caused extensive damage. The hay crop is very poor. The Entomological Laboratory at Saskatoon states that beet webworm has been widely reported in flax and rape fields but damage has been light. The Bertha army worm is also present in these crops and reports indicate that damage is just beginning.

The Saskatchewan Municipal Hail Insurance Association reports the following hail storms: July 14 - scattered storms principally at Coronach, Willow Bunch, Drinkwater, Grayson, Chamberlain, and Dilke; July 15 - Perdue, Biggar, Borden; July 16 - Gainsborough, Unity, Macklin; July 17 - Hodgeville to Kelliher with heavy losses 8 to 12 miles wide; July 20 - Roche Percée, Bromhead, Climax, Gull Lake, Indian Head, Abernethy, Fort Qu'Appelle, Earl Grey, Strasbourg, Duval, Liberty; July 21 - Climax and Luseland; July 22 - Spring Valley; July 23 - Bengough, Willow Bunch, Glenavon, Cardross, Earl Grey, Holdfast, Govan, Cutknife. Losses for the year will likely exceed the long time average.

The Canadian Hail Insurance Underwriters Association also report the following hail storms which may duplicate some of the storms mentioned above: July 16 - Macklin, Unity area (light to medium); July 17 - Simmie to Neville (medium), Hodgeville to Coderre to Mortlach, Caron, Tuxford, Disley, Bethune, Regina Beach, Craven, Sifton, Bulyea, Earl Grey, Southey, Markinch, Cupar, Dysart, Ituna, Springside to Yorkton and Wroxton and east to Manitoba border (very heavy), Canora to Pelly through to Benito (heavy to medium); July 19 - Maple Creek (medium); July 20 - Liberty to Penzance and Bulyea (light), Southey to Fort Qu'Appelle, Lebret and Wolseley (medium), Goodwater to Bromhead (light), Gull Lake (medium to heavy); July 21 - Golden Prairie, Horsham,



Fox Valley (medium), Consul to Robsart (light), Loomis and southeast to border (light to medium), Hearts Hill to Baliol and Kerrobert (light), Marshall (light); July 23 - Fleming (medium), Peebles, Fillmore and Heward (medium), Sintaluta to Candiac and Deveron (medium), Edenwold (light), Lemberg (medium), Kelliher to Ituna (medium), Govan to Duval, Strasbourg and Earl Grey (medium to heavy), Holdfast to Dilke and Kedleston (light), Willow Bunch to Ritchie (Medium), Ardill to Spring Valley and Claybank (light), Scotsburgh to Chaplin and Thunder Creek (light to medium), Wilbert to Rosemound and Lindequist (light), Meadow Lake (light to medium); July 26 - Roddick area (light).

The average precipitation for the province since April 1 has been 26 per cent below normal as compared with 27 per cent below normal a week ago, 28 per cent below normal two weeks ago, and 0.1 per cent below normal a year ago. The mean temperature for the week ending July 29 was 7.3 degrees above normal as compared with 0.5 degrees above normal a week ago, 7.0 degrees above normal two weeks ago, and in contrast to 1.8 degrees below normal for the week ending July 30, 1956.

ALBERTA Except in the extreme north and in the Peace River area crop prospects have deteriorated in Alberta as a result of hot, dry weather. Prospects for late-seeded and stubble crops are now poor but, with moisture, crops on fallow could still yield fairly well. Swathing of fairly good crops of fall rye and winter wheat is under way. Cutting of spring wheat and barley will start at Taber this week. Barley is advancing rapidly and without rain harvest will come in fast. Canning peas are about finished and beans are just starting. Short stands of alsike for seed will make for difficult harvesting. Alfalfa seed stands are light in many areas. Generally low yields of hay will be partly made up by cutting larger areas. Prospects for winter feed grain supplies are fairly good. A number of hail storms of varying intensity have occurred in the province during the past two weeks. Livestock are in good condition.

Swathing and combining of fall rye is under way in the Manyberries area, with yields averaging about 30 bushels to the acre. Early barley is maturing and later barley starting to burn from drought. Wheat is also starting to burn although some early seedings will still fill properly. Flax is turning colour due to lack of moisture and rain is badly needed for proper crop development. The range is very dry and frequent electrical storms have started some prairie fires. Livestock are in good condition. Conditions are generally poor in the Medicine Hat area and moisture is needed badly to ensure proper filling. Grain crops are practically all in head and flax is beginning to ripen. Swathing of winter wheat, fall rye and barley is quite general. Many cereal crops are so badly burned and stunted that it will not pay to harvest them. Rape, mustard and safflower yields are expected to be quite good.

The Experimental Farm at Lethbridge reports that crops in the area south of Calgary have deteriorated due to drought. This applies particularly to stubble and late-seeded crops, with the greatest damage having occurred in the eastern part of the district. Harvest of an average crop of fall rye is nearing completion and a better than average crop of winter wheat is being taken off. Quality and yield of canning peas have deteriorated because of unfavourable weather. Green beans and cucumbers are ready for harvest. Swathing of fall rye and winter wheat is under way around Cardston and should the dry, hot weather continue, an early harvest can be expected. Spring crops have deteriorated. Winter crops are being harvested in the Claresholm district and early spring wheat and flax are turning. The weather has been hot, dry and windy and rain is urgently needed. Some fields have suffered considerably from lack of moisture and yields will be reduced in most parts of the area.

The weather has remained very dry in the Brooks district and some harvesting is under way. One field of barley averaged 48 bushels per acre in the irrigated area. Haying is still in progress. All crops in the Vulcan district deteriorated last week due to drought. Hot, dry winds have caused considerable damage and swathing of barley will start within a week as all crops are being forced to maturity. Haying is progressing rapidly, with the weather being favourable to this operation.

One good rain and local showers have carried crops in the Calgary district during the past two weeks. All grains are heading with the odd early barley field in the swath. Northwest of Calgary prospects are good, but in the balance of the area the outlook is only fair. Summerfallow crops are standing up much better than stubble. Flax prospects are poor. Further general rains are needed for filling all crops. Farther north at Olds hot, dry weather continues to reduce prospects, although early-seeded and summerfallow crops are still fairly good. Cutting of barley will be under way within the next two weeks. Rain is needed.

A good yield of hay has been received in the Sedgewick district of central Alberta. Grain crops need rain but are still holding quite well. The barley harvest will start in 10 days. At Donalda early-sown grains are filling quite satisfactorily but later seedings are not too good. Hot, dry weather is reducing yields and even now a good general rain would be too late for some crops. Conditions have also deteriorated in the Stettler district. Good scattered showers have been received over the district but a general rain is needed. Wheat heads are short and hot weather is forcing early maturity. The coarse grain-crop is in critical need of moisture.

Crop prospects are fair to average in the Red Deer area of west-central Alberta. Grains are in head but general rains are needed for filling. Extensive hail damage has occurred in the Banalto and Sylvan Lake districts and light frosts occurred over the week end in the western part of the district. The extent of frost damage is as yet undetermined. The hay crop has been relatively light. At Lacombe precipitation has been three and three-quarter inches below average since April 1 and heavy rains are required to prevent more serious deterioration. Pastures and second cut hay are very poor. A severe hail storm caused 100 per cent loss to some 2,000 acres with lighter damage to an additional 2,000 in the immediate Lacombe district. Farther west at Eckville surface and subsoil moisture reserves vary from fair to nearly depleted. Swathing will commence in 10 days. Haying is 90 to 95 per cent completed and summerfallows are in good condition. Hail was reported on July 26 thirteen miles south of Eckville and ten miles east with damage varying from 40 to 60 per cent. A good rain is needed.

Crops have made an excellent recovery in the Vermilion district east of Edmonton. Wheat is now all headed and filling well but oats and barley are very patchy. Some early barley is starting to turn. Pastures are poor. Crop conditions are fair around Edmonton but stands are patchy. North of Edmonton at Athabasca crops are maturing rapidly under hot, dry conditions. Some early barley crops are turning rapidly. Rain is needed for filling. Haying is in full swing. Nearby at Colinton crop prospects vary from fair to poor. In general, yields will be lower than last year. Hay crops are only fair. There is a sizeable acreage of clover for seed.

Moisture supplies are now adequate to mature all crops in the Falher district in the Peace River area. All grains have now headed and crops are advancing rapidly. Some early-sown barley is beginning to turn. The yield of hay has been good but the quality poor due to rains. Some flax has had to be ploughed under in the northern part of the area. In the Beaverlodge area the Experimental farm reports that further



moisture has improved prospects for spring cereals and guaranteed satisfactory development of legumes for seed. Crop development has been rather slow because of continued cool weather. Considerable damage to barley has been caused by thrips in the Dawson Creek, Hythe and Sexsmith areas. Haying is well advanced and pastures are satisfactory. In the Berwyn area heavy showers have been general, with too much rain being received in some localities. Crops have improved considerably but stands are still uneven and patchy. Wheat and barley are all in head, with some fields starting to turn. Oats are 50 per cent headed and flax is in flower. Pastures are improving but the hay crop is very light.

The Canadian Hail Insurance Underwriters' Association reports hail storms as follows: July 16 - Puffer to Czar (light), Hayter area (light to medium); July 19 - Magrath to Raymond (medium), Medicine Hat to Irvine to Walsh (light); July 21 - Innisfree to Manville to Clandonald to Dewberry (light to medium), Yarrow to Irma to Fabyan (light), Waskatenau to Smoky Lake (light); July 23 - Armistice, Elk Point, Lindberg area (light), Holden, Bruce area (medium); July 26 - Camrose to Round Hill to Holden to Haight to Vegreville to Musidora (light to medium).

The Alberta Hail Insurance Board reports the following storms which may duplicate to some extent those noted above: July 16 and 17 - a wide swath through the Metiskow and Hayter districts; July 19 - from Winnifred through north of Irvine two miles wide -- 100 per cent damage from Medicine Hat to Irvine; July 21 - New Brigden, a strip four miles wide and 10 miles long; July 23 - a strip from Bluffton through Menaik to Ferintosh up to four miles wide, a strip northeast of Fabyan seven miles long and at Edgerton two miles wide and ten long; July 26 - from Caroline through Lacombe, Ponoka, Camrose, Ryley to Lavoy with greatest concentration Sylvan Lake to Ponoka were up to ten miles wide and many reports of 100 per cent damage.

Average precipitation for the province since April 1 has been 26 per cent below normal as compared with 24 per cent below normal a week ago, 28 per cent below normal two weeks ago, and 8 per cent above normal a year ago. Mean temperature for the week ending July 29 was 1.7 degrees above normal as compared with 2.2 degrees below normal a week ago, 3.3 degrees above normal two weeks ago, and 2.3 degrees below normal for the week ending July 30, 1956.

BRITISH COLUMBIA In the Kootenay district spring grains are maturing rapidly and early seed peas and winter wheat are now being harvested. Second-cut hay and pastures in this region are both in need of moisture. Picking of strawberries and raspberries is completed with yields above average. Bing cherries also yielded better than average while Lamberts are just being picked. Other tree fruits are showing favourable growth. A report from Dawson Creek indicates that crop conditions in the Peace River districts are generally improved due to recent rains. Cereals are headed. Grass seed crops are ripening and give prospect of a fair yield. The hay crop was light. There have been no reports of serious hail damage but some damage from thrips has occurred in late-seeded barley.

In the Kamloops area ranges are generally maintaining production. Unsettled weather, however, has continued to hamper haying and the second crop is seriously delayed in north Okanagan regions. Harvesting of fall-sown grains has commenced while spring grain and peas are ripening rapidly. Tomato crops are suffering from lack of sunshine. In the central interior around Williams Lake weather conditions improved

during the past week and most first-cut alfalfa as well as much upland clovers and grasses have now been harvested. Native meadows are abnormally wet while range conditions are excellent. According to a report from Prince George, hay yields in that district are below normal due to drought earlier in the season. Second-growth, however, is very good. Curing of hay has recently been almost impossible due to frequent showers and below-normal temperatures. Grain crops are growing rapidly but there has been some lodging due to heavy rains and wind. Pastures are very good.

Weather conditions have improved in the Summerland district of the southern Okanagan. The apricot harvest is about two thirds completed with quality good and size fair. Peaches are starting in the south and prospects are good. Early apples are moving in quantity and a good crop is indicated for the main varieties. Harvesting of canning tomatoes is expected to begin next week and a good yield is anticipated. Field crops are in very satisfactory condition and the second cut of hay has been completed. A report from Agassiz in the Lower Fraser Valley indicates that July precipitation was the heaviest since 1932. Pastures are good but harvesting of second-cut hay has been hampered by rains. Yields, however, have been good. The oats crop is commencing to ripen and yield prospects are generally above average. Cool weather has delayed completion of the canning pea harvest. Warm weather is also needed for the corn crop. The raspberry harvest is complete. On Vancouver Island cool, showery weather has hindered the hay harvest but has benefited pastures. Digging of the second early potato crop is progressing and yields are good. Fall-sown oats and wheat are being harvested. The cherry crop is completed and a good crop of loganberries is being picked.

A report from the Dominion Entomological Laboratory at Kamloops indicates that a small economic infestation of grasshoppers persists in many southern districts in the interior of British Columbia. Fruit and vegetables are being damaged enough to warrant control measures in the Okanagan and Thompson Valleys.



Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8a.m.	
		8 a.m.	since	since	July 29	
		July 29, 1957	April 1	April 1	1957	Normal
		- inches -	- degrees F. -			
<u>MANITOBA</u>						
1	Pierson	.47	8.49	7.82	74	66
	Melita	1.09	7.69	9.94	74	66
	Waskada	.57	7.93	8.82	76	67
	Deloraine	1.25	7.93	8.31	74	67
2	Boissevain	1.18	8.98	7.80	72	66
	Deerwood	NIL	10.17	8.28	73	65
	Ninette	.87	7.21	8.37	72	66
	Portage la Prairie	Trace	9.26	8.29	73	65
3	MacDonald	.09	8.13	8.29	72	65
	Graysville	Trace	9.14	8.85	73	66
	Morden	NIL	11.66	8.58	74	66
	Altona	Trace	12.80	8.51	74	66
	Morris	.12	11.04	8.28	74	66
	Roland	Trace	8.66	8.23	72	67
	Gretna	NIL	7.11	7.88	73	67
	Emerson	1.15	16.79	7.88	73	67
4	Winnipeg	Trace	9.89	9.41	74	67
6	Sprague	.23	12.70	9.12	70	65
	Seven Sisters Falls	.50	4.90	6.85	74	64
	Steinbach	.09	11.34	8.28	73	67
7	Virden	1.62	10.05	7.17	72	63
	Reston	1.12	7.60	8.57	72	65
	Rivers	.95	7.48	8.26	72	65
8	Brandon	1.14	8.81	8.32	73	65
	Cypress River	.08	12.05	8.24	72	65
9	Neepawa	.49	8.37	8.20	72	64
10	Russell	.40	3.03	7.85	69	63
	Rosburn	1.28	9.37	7.85	71	63
	Birtle	.86	11.95	8.31	70	63
11	Dauphin	.27	5.72	7.18	71	64
12	Gimli	.07	8.75	8.86	72	65
13	Swan River	.19	8.28	8.28	71	63
	The Pas	.47	4.24	6.39	70	64
MANITOBA AVERAGE		.50	9.02	8.22	72.5	65.2

SASKATCHEWAN

1A	Estevan	.90	7.04	7.85	74	65
	Carlyle	.91	5.76	8.43	71	63
	Oxbow	N.R.	5.14 2/	8.00	N.R.	65
	Willmar	.83	7.25	7.81	N.R.	N.R.
1B	Broadview	1.24	5.94	7.62	69	63
	Moosomin	.55	5.92	7.04	71	65
2A	Yellow Grass	1.22	6.00	7.58	71	65
	Creelman	.11	6.00	7.46	71	65
	Weyburn	.72	6.09	8.04	73	65
	Midale	.37	6.28	8.49	71	65

- II -

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8a.m.	
		8 a.m.	since	since	July 29	
		July 29, 1957	April 1	April 1	1957	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (continued)						
2B	Moose Jaw	.51	5.71	7.72	73	66
	Regina	.73	4.75	7.80	72	63
	Rowatt	.29	3.64 2/	7.76	N.R.	63
	Francis	.23	4.80	6.48	70	64
	Qu'Appelle	.82	3.24 2/	9.17	71	64
	Indian Head	.80	6.51	8.88	71	63
	Wilcox	.83	5.05	7.70	71	63
3AS	Assiniboia	.23	4.67	6.55	74	65
	Ormiston	Trace	4.08	6.97	73	65
	Readlyn	.06	5.27	6.55	77	65
	Minton	.75	7.65	8.62	71	65
	Cardross	.17	4.05	6.97	73	65
	Ceylon	.38	5.97	9.48	72	66
	Chaplin	.34	5.66	8.08	71	65
3AN	Gravelbourg	NIL	4.94	6.41	75	65
	Coderre	NIL	7.03	6.67	74	65
	Shaunavon	NIL	5.58	6.70	71	63
3BS	Cadillac	N.R.	4.49 2/	8.64	N.R.	63
	Pambrun	.10	5.36 2/	7.42	72	65
	Aneroid	NIL	5.19	7.71	72	63
3BS	Instow	Trace	4.80 2/	6.78	69	66
3BN	Pennant	.19	7.32 2/	7.85	70	65
	Swift Current	.05	6.06	7.85	70	66
	Hodgeville	NIL	4.52	7.14	67	66
	Hughton	.12	6.84	7.00	71	63
4A	Maple Creek	N.R.	3.46 2/	7.51	N.R.	64
	Consul	NIL	4.20	6.24	67	62
4B	Roadene	.03	6.75	7.01	70	63
5A	Cupar	.49	4.26	7.03	73	62
	Leross	N.R.	6.53 2/	7.87	N.R.	63
	Melville	.53	4.54	7.71	72	62
	Yorkton	.38	3.66	7.82	71	62
	Bangor	.49	5.53	7.71	70	62
5B	Dafoe	.15	4.24	6.85	71	62
	Foam Lake	Trace	4.38 2/	7.59	N.R.	62
	Lintlaw	.40	5.52	7.85	68	62
	Kamsack	.35	4.50	7.17	71	64
	Buchanan	.66	4.49 2/	7.59	N.R.	64
	Pelly	N.R.	4.43 2/	7.80	N.R.	63
	Davidson	.05	6.50	6.35	70	64
6A	Dilke	1.40	6.15	6.77	N.R.	N.R.
	Imperial	.15	4.93	6.40	74	64
	Semans	.25	4.36	5.09	72	63
	Strasbourg	.64	5.26	7.19	71	63
	Watrous	.09	6.31	5.82	71	63
	Harris	N.R.	5.16 2/	6.97	N.R.	64
	Outlook	.06	4.47	5.23	72	64
6B	Saskatoon	.10	4.22	7.04	73	63
	Elbow	.22	4.61 2/	6.39	70	64
	Tugaske	.25	4.66	6.38	71	64



Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8a.m.	
		8 a.m.	since	since	July 29	
		July 29, 1957	April 1	April 1	1957	Normal
		- inches -			- degrees F. -	
<u>SASKATCHEWAN</u> (concluded)						
6B	Dundurn	.37	4.89	7.62	74	63
	Rosthern	.36	4.12	7.18	72	63
7A	Kindersley	.28	3.00	6.35	70	63
	Rosetown	.37	5.39	7.35	70	63
7B	Macklin	.05	3.42	7.47	68	60
	Scott	.27	3.82	6.79	66	61
	Biggar	NIL	3.78	7.56	72	63
	Ruthilda	N.R.	.58 2/	7.45	N.R.	N.R.
8A	Hudson Bay	.19	5.60	7.58	68	63
	Porcupine Plain	.39	5.71	7.55	67	63
8B	Humboldt	.13	6.02	6.36	72	62
	Melfort	.17	8.34	7.41	69	63
9A	North Battleford	.57	5.48	7.13	71	64
	Rabbit Lake	.14	4.23	7.46	66	61
	Leask	N.R.	4.25 2/	7.32	N.R.	63
	Prince Albert	.31	6.39	7.19	71	64
	Island Falls	.69	11.00	7.39	67	65
9B	Waseca	.42	3.83	7.10	66	60
SASKATCHEWAN AVERAGE		.36	5.41	7.32	70.9	63.6
<u>ALBERTA</u>						
1	Bindloss	NIL	6.06 2/	6.21	71	65
	Empress	.03	2.13	6.89	73	69
	Excel	NIL	3.26 2/	6.28	69	66
	Foremost	Trace	6.84	8.60	69	69
	Hanna	.16	4.55	8.69	69	66
	Manyberries	Trace	4.29	6.53	72	69
	Medicine Hat	.05	3.24	6.50	70	68
	Naco	.06	5.39	7.57	65	64
	Oyen	.25	3.11 2/	6.28	N.R.	N.R.
	Winnifred	.03	4.60	5.59	N.R.	N.R.
2	Brooks	.12	3.57	6.26	68	69
	Drumheller	Trace	5.49	7.83	69	69
	Gleichen	NIL	6.95	7.09	65	62
	Hays	NIL	2.91	6.05	70	66
	Hussar	Trace	6.78	7.10	N.R.	N.R.
	Lethbridge	.24	6.71	7.38	70	66
	Strathmore	NIL	5.12	7.57	65	61
	Taber	N.R.	4.74 2/	6.20	N.R.	67
	Three Hills	.01	5.75	7.28	63	61
	Trochu	.10	4.60	7.84	62	61
	Vauxhall	NIL	2.78	6.12	68	68
	Vulcan	NIL	6.36	7.67	67	63
3	Calgary	Trace	5.89	8.68	64	62
	Cardston	.02	6.06	10.71	67	66
	Cowley	NIL	7.85	7.98	62	63
	Fort MacLeod	NIL	6.51	7.25	66	67
	High River	NIL	7.08	8.76	62	62
	Magrath	NIL	5.16	9.48	67	65
	Olds	N.R.	6.77 2/	8.10	N.R.	60



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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	July 29	
		July 29, 1957	April 1	April 1	1957	Normal
		- inches -			- degrees F. -	
<u>ALBERTA (concluded)</u>						
4	Alliance	.44	5.57	7.02	65	65
	Camrose	.55	5.33	7.84	63	60
	Coronation	.43	4.38	6.38	66	63
	Hardisty	.46	5.07 <u>2/</u>	7.66	N.R.	N.R.
	Hughenden	.52	3.75	7.16	68	66
	Lloydminster	.49	4.10	6.75	66	61
	Stettler	.45	5.38	8.93	69	60
	Vegreville	.31	3.36	9.14	62	60
	Vermilion	.38	5.88	8.87	63	60
5	Edmonton	.31	3.38	8.70	64	62
	Lacombe	N.R.	5.16 <u>2/</u>	8.61	N.R.	60
	Red Deer	.17	7.35	10.02	62	59
	Rocky Mountain House	.13	4.93	8.75	62	59
	Wetaskiwin	.61	5.54	8.09	62	61
6	Athabasca	N.R.	6.98 <u>2/</u>	7.73	N.R.	60
	Campsie	N.R.	5.34 <u>2/</u>	8.67	N.R.	60
	Edson	.26	7.55	8.24	58	57
	Elk Point	1.19	5.76	7.32	62	61
	Embarras	1.22	4.62	4.90	65	66
	Lac la Biche	.04	5.19	7.53	62	60
	Whitecourt	.09	7.74	8.97	58	60
7	Beaverlodge	.09	7.01	6.18	57	60
	Berwyn	1.03	5.09 <u>2/</u>	7.13	57	60
	Fairview	.82	5.61	5.31	60	61
	Grande Prairie	.47	7.05	7.34	58	60
	High Prairie	.71	7.99	7.58	58	61
	Keg River	1.01	9.62	7.35	N.R.	61
	Ryecroft	1.28	5.47	5.39	60	60
	Wagner	.20	8.23	7.92	61	61
ALBERTA AVERAGE		.28	5.57	7.52	64.6	62.9

N.R. - No Report.

1/ - Source: Meteorological Service of Canada.

2/ - Incomplete; not included in average.