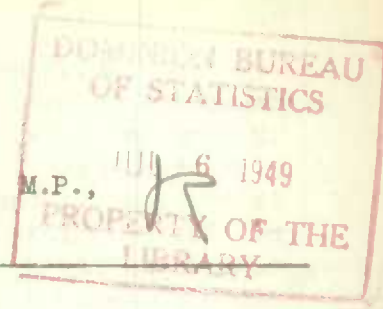


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TELEGRAPHIC CROP REPORT

Ottawa, July 5, 1949, 3 p.m. - The fourth of a series of 8 telegraphic reports covering crop conditions throughout Canada is issued today by the Dominion Bureau of Statistics. Included in this report is the seventh of a series of 13 telegraphic reports on crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from the Dominion 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, Toronto.

SUMMARY

In the Maritime Provinces, crops are now growing satisfactorily following timely rains. Haying is well under way in the Annapolis Valley of Nova Scotia and is expected to commence this week elsewhere in the Maritimes. Good crops of hay, potatoes and grain are looked for.

In Quebec agricultural conditions over most of the province are about average and the outlook is considered generally satisfactory. Recent rains have considerably improved crop conditions over wide areas although soil moisture reserves are still low in some southern and western sections of the province. Hay crops in eastern regions of the province are generally excellent but from Quebec westward yields are expected to be somewhat less than normal. Grains, industrial and garden crops are nearly all in good condition with at least average yields in prospect.

Crop prospects in Ontario remain considerably below average as a result of the recent prolonged drought. During the last two weeks good rains in some districts and showers in many areas have checked further deterioration but moisture conditions in central and south-western Ontario are still very unsatisfactory. Haying is general throughout old Ontario with very poor yields but good quality. Pastures are poor and supplementary feeding has been reported in many counties. Harvesting of fall wheat will be general throughout southern and western Ontario during the coming week. Yields are expected to be below average and straw very short. Prospects for spring grains are only fair to poor. In central Ontario the outlook for field crop production is poor as a result of the exceptionally severe drought conditions. Crop conditions in eastern and northern Ontario are generally satisfactory although excessive rainfall has been received in some northern areas. Tree fruits have weathered the drought better than most crops and the apple, peach, pear and grape crops are expected to be larger than a year ago.

Rains have fallen over wide areas of the Prairie Provinces. Crop prospects in Manitoba remain generally excellent with material improvement indicated in some sections of Saskatchewan and Alberta. Grain stands in Manitoba are heavy in most areas with nearly all early-seeded fields heading or in head. Rain, however, is required in the south-central portion of the province around Morden where moisture supplies are still poor and lowered grain yields are anticipated. Moisture conditions are much improved in the central part of Saskatchewan from Davidson to Saskatoon but the situation is little changed in the dry south-central and south-western districts. Prospects are favourable in eastern and northern districts and fair to good in the west-central area from Rosetown to Senlac. Although the rains brought some relief to the drought affected areas in east-central Alberta, it is still too early to determine to what extent the crops have benefited. Conditions in west-central Alberta remain very dry and a tight feed situation is anticipated. The outlook in the south-western part of the province and in the Peace River district is good although further general rains will be needed to carry crops to maturity in all parts of this province. Grasshoppers have been kept quite well in check in the affected areas of all three provinces. Sawflies are in full flight in southern Alberta and while susceptible varieties are severely infested it is too early to determine the extent of the damage.

In British Columbia, all crops are backward at present as a result of cool, cloudy weather and generally light rainfall. Late-sown grains have suffered particularly. Haying is now general and while the quality is good yields will be below average. Fall-sown grains are ripening rapidly and harvesting will begin soon.

Maritime Provinces - In Nova Scotia all crops are making excellent growth. The grain crops promise yields 10 per cent above those of last year. Haying is well under way in the Annapolis Valley and in the south-western areas and is just beginning in the Pictou district. Pastures generally are the best in years. In the Nappan district, good general rains followed a week of hot, dry weather and the prospects for all crops are now good. Haying is expected to commence this week in New Brunswick and a good average crop is looked for. Pastures are holding up well and grains, potatoes and root crops are satisfactory.

Quebec - After a period of fairly pronounced drought, rainy weather at the end of June considerably improved the condition of most crops. Despite this, reserves of moisture are still low in several counties in southern and western sections of the province. Hay making has begun with prospects differing widely according to locality. In Gaspé, Lower St. Lawrence, Lake St. John and Saguenay districts heavy hay yields are predicted but in the Quebec district and in counties farther up the river the hay crop will apparently be below normal. Pasture conditions are also variable. Growth is luxuriant below Quebec but much less so in the Eastern Townships, Richelieu, Montreal and Ottawa Valley regions. Grains, industrial and garden crops are generally in good condition with average yields in prospect. Strawberry picking is at its height and producers report satisfactory yields.

At Ste. Anne de la Pocatiere crop growth is normal with pasture and hay crops generally satisfactory. In the Lake St. John area some grain crops in low lying fields have been permanently damaged due to excessive precipitation but early-sown crops on well drained land are in very good condition and hay and pasture crops are excellent. At Lennoxville the hay crop is only fair. Early-sown grain is heading on short straw. The corn crop appears to be in good condition but pastures are short. Similar conditions prevail in the Hemmingford district.

Haying is under way in western Quebec with clover hay reported to be yielding poorly. Grain crops look very promising with early-seeded fields heading out. Silage



corn is in good condition but other hoed crops need rain. Harvesting of canning peas will start this week. Pastures are poor.

Ontario - Good rains in some districts and showers in many areas during the last two weeks have relieved the serious drought conditions in Ontario, but crop prospects remain considerably below average. Moisture conditions in central and south-western Ontario are still very unsatisfactory. Haying is general in all but the northern district and yields are well below average though quality is good. Pastures are poor except in eastern and northern Ontario.

In southern and western Ontario harvesting of fall wheat will be general during the coming week with yields expected to be below average. Spring grains are maturing too rapidly and it is anticipated yields will range from below normal to poor. In Essex and Kent counties heavy rains occurred during the last two weeks. Crop conditions in these counties are improved with burley tobacco prospects good but flue type only fair. The corn, soy bean and vegetable crops are reported in good condition. The Dominion Entomological Laboratory at Chatham reports some increase in grasshopper population and clover seed weevil is very abundant in alsike and red clover. No increase has been noted in cutworm damage and corn borer infestation appears about normal. Reports from other counties in southern and western Ontario indicate crop conditions ranging from poor to only fair with prospects variable within counties.

In eastern Ontario, crop prospects are generally satisfactory although some areas report the need of rain. The hay crop is below average in quantity but spring grains are promising with good colour. In Leeds and Dundas counties silage corn and spring grains are reported in good condition, but rains would be beneficial. Farther north in Renfrew county the corn crop is reported excellent but spring grains are maturing prematurely.

Manitoba - The crop outlook is generally excellent following ample and well distributed rains over most of the province during the past week. Grain stands, with few exceptions, are heavy and all early-seeded fields are headed or nearly so. Fifteen thousand acres of sugar beets have been thinned and the balance will be completed by the end of the week. Sunflowers and corn are doing well and the hay crop is very promising in most areas. Some alfalfa has been cut. Weeds susceptible to chemical sprays have been well controlled by most of the farmers applying the treatment. Hail damage has been limited to light losses occurring around Melita, Selkirk, Morden, La Riviere and Baldur. Some heavy local outbreaks of grasshoppers have occurred in western areas but spraying has given good control.

In eastern Manitoba generally and in the Winnipeg district grain crops and gardens are now in excellent condition following last week's rains. Nearly all the wheat is headed with oats and barley in the shot-blade stage. Grass hay is light but alfalfa and sweet clover stands are good. Pastures are improving. Similar conditions prevail around East Selkirk, although some grain crops have headed unevenly.

The Dominion Experimental Station at Morden reports wheat headed with barley coming into head. Crops, however, are suffering from drought in this district and rain is needed. The pastures are dry and the grass hay crop is light. Farther west at Melita all crops continue favourable with growth heavy and rapid. Sub-soil moisture is sufficient for the present but a good rain would be beneficial. At Brandon the early wheat and barley are headed. Crops on fallow are good but only fair on stubble land. With no rain during the past week moisture would now be welcome to maintain conditions. Local outbreaks of grasshoppers are heavy here and spraying is necessary. In the Virden, Deloraine and Boissevain districts

late crops of oats and barley are severely infested with grain aphids. Farther west at Woodnorth all crops are making satisfactory progress with moisture supplies ample. Early-seeded wheat fields are now headed and appear to be at least one week earlier than normal. Spraying for weed control has been effective. Forage crops, pastures and gardens are good.

In the north-central area around Teulon crop conditions are greatly improved due to the recent rains. In the north-western sections around Neepawa and Swan River moisture conditions are satisfactory and crops are in generally good condition. High winds have caused some damage to garden and late-grain fields in the Swan River area.

Average precipitation for the province since April 1 has been 12 per cent below normal as compared with 9 per cent below normal two weeks ago. Mean temperature for the week ending July 4 was 3 degrees above normal.

Saskatchewan - Crop growth has been well maintained throughout most districts of Saskatchewan during the past week. Penetrating rains have materially improved prospects in parts of the central district but further deterioration has occurred in the poor to fair stands in southern and south-western parts of the province. It is estimated that over 65 per cent of the wheat has now reached the shot-blade stage and about 16 per cent is in head. Only minor and very local hail losses have been reported and while grasshopper infestation now covers large areas control measures have been quite successful in keeping crop loss down. Live stock are in fair to good condition except in the south and south-west where there has been little or no growth in pastures.

Wheat stands are good in the south-east with most early-sown fields heading. More rain is required to prevent deterioration since there is a heavy weed growth. Weed spraying has been done on most farms. Coarse grains and pastures require moisture after last week's drying winds.

Summerfallow fields are holding up well in east-central areas but stubble crops are only fair. A report from Indian Head states that hay and pastures show some deterioration as the result of strong drying winds last week but in general crop prospects in this area are still very good. Many farmers are spraying to reduce loss from heavy weed infestation.

Wheat is almost all headed at Willowbrook and all crops look very good. No appreciable damage of any kind has been reported from this east-central area where recent rains have also improved pastures and crop prospects as a whole.

Crop conditions are quite variable in central districts. Good rains last week have materially improved prospects south and east of Saskatoon proving especially beneficial to pastures. In the districts from Davidson through Hanley to Saskatoon some farmers are now seeding oats and barley for green feed. While rains in this area have been most beneficial wheat yields will be light on account of the heavy damage that has taken place due to drought and grasshoppers. West-central areas also received good rains last week and prospects over the district from Rosetown to Senlac are greatly improved. Early wheat fields are heading at Scott. Flax is late in this area but most fields now look promising.

Scattered rains in the south-west may improve the feed and fodder situation to some extent but prospects are poor for grain crops. Fall rye is almost a complete failure in this area and it is too late for other grains to make any substantial recovery. Further rains are required to fulfill fair to good prospects



in the north-western district where recent cool and cloudy weather has helped to maintain average stands. Fairly heavy rains over north-central districts have promoted good growth. Crop yields as good or better than last year are expected at Melfort. The hay crop however is light.

Average precipitation for the province since April 1 has been 19 per cent below normal as compared with 24 per cent below normal two weeks ago. Mean temperature for the week ending July 4 was 0.3 degrees below normal.

Alberta - General conditions have improved considerably during the past two weeks, with heavy rains over most of east-central Alberta, and light rains to showers in other areas. The south-west portion of the province and the Peace River district continue to show good prospects but further general rains will be needed to carry crops in all parts of the province. Wheat in the west half of central Alberta is sixty per cent in shot blade and heading very short. In this same area hay crops are short and in some districts cattle are being turned on to grain crops. Grasshoppers are becoming adult but control measures have minimized crop damage and no serious danger is expected. Sawfly is reported in full flight and susceptible varieties are being severely infested, although it is too early to estimate the extent of this damage.

In the south-eastern districts showers have been spotty and further rains are badly needed. At present ten to twenty per cent of early-sown grains are beyond recovery. In this area pastures and live stock are generally good. In the south-western section of the province from Taber west, prospects are good and with continued favourable weather crops are expected to make a good showing. Grasshopper damage has been minimized in this area but sawfly damage to susceptible varieties is reported. No serious insect problem has yet developed in the irrigated areas. Around Vulcan wheat is sixty per cent in shot blade and about five per cent headed. Farther south around Cardston, winter wheat is nearly headed and spring crops are well in the shot blade. Pastures are good but only enough hay for local needs was harvested.

East-central Alberta has had good to heavy rains but some early crops are too far gone for this rain to be of much help. In some districts around Stettler good rains have assured feed and present crop prospects will remain fair with continued favourable weather. Donalda district, in the west-central section of the province has had good rains over the past two weeks and coarse grains and pastures should benefit considerably. The prospects for the wheat crop in this area are now fair. In the immediate area east and south of Edmonton crop prospects are poor. Lacombe reports the situation to be the most serious in the past forty-one years. Stock men are turning cattle into the grain fields and the feed situation next winter is expected to be serious. In this area, as is the case in most of west-central Alberta, wheat and oats are heading with an average height of eight to ten inches. At Red Deer and Olds, with only a few local showers, conditions remain extremely dry. Crops are very patchy and uneven due to the lack of rain.

In the north-central and north-western sections of the province crop prospects are fair to good, but further rains and warm weather are required to carry crops in this area.

Average precipitation for the province since April 1 has been 34 per cent below normal as compared with 41 per cent below normal two weeks ago. Mean temperature for the week ending July 4 was 4.1 degrees below normal.

British Columbia -

In British Columbia, cool, cloudy weather has prevailed over most of the province during the past two weeks but only light scattered showers have been received. All crops at present are below average especially late-sown grains. A good general rain would be welcome. Haying is now under way in all areas and while the quality is good, yields will be below average. Fall-sown grains are now changing colour and harvesting should commence shortly. In the Duncan area recent rains greatly improved pastures. Stands of fall-sown wheat and barley, which are ripening rapidly, are excellent. In the Prince George district the weather has been very cold and there has been little sunshine during the past month. Crops as a result, have made very poor growth and low yields are expected.

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WEEKLY PRECIPITATION AND TEMPERATURE IN THE PRAIRIE PROVINCES 1949

Crop District and Province	Station	Precipitation			Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. July 4	since April 1	since April 1	July 4 Mean	Normal
<u>MANITOBA</u>						
1	Pierson	Nil	6.15	6.07	66	64
	Melita	.10	6.09	7.75	67	65
	Waskada	Trace	7.46	6.76	64	64
2	Boissevain	Nil	5.98	6.10	N.R.	65
	Ninette	.12	4.62	6.70	68	65
3	Portage la Prairie	.40	4.43	6.22	72	65
	Graysville	1.01	5.43	6.86	70	65
	Morden	.32	4.30	6.62	71	66
	Altona	.10	3.24 2/	6.52	70	66
	Morris	1.01	4.15	6.24	70	66
	Emerson	.10	4.28	5.76	68	66
4	Winnipeg	.64	4.46	6.92	70	66
6	Sprague	.68	5.74	6.85	67	64
	Pinawa	.62	3.46	4.90	68	64
7	Virden	.01	7.58	5.56	66	63
	Rivers	.04	5.88	6.27	66	64
8	Brandon	.02	6.98	6.29	67	64
	Cypress River	.26	5.40	6.14	N.R.	65
9	Minnedosa	.40	6.56 2/	6.19	65	64
	Neepawa	.43	4.93	6.19	67	64
10	Russell	Nil	5.61	5.93	67	62
	Birtle	.04	5.66	5.98	64	62
11	Dauphin	.02	7.51	5.12	67	63
12	Gimli	1.36	4.51	6.85	68	65
13	Swan River	.30	5.07	6.03	66	61
	The Pas	.75	5.39	4.51	62	63
<u>MANITOBA AVERAGE</u>		.34	5.46	6.21	67.3	64.3
<u>SASKATCHEWAN</u>						
1A	Estevan	Trace	4.82	6.23	67	64
	Carlyle	.20	5.90	6.42	62	62
1B	Broadview	Trace	5.09	5.45	64	63
	Moosomin	Nil	8.42	5.55	67	63
2A	Yellow Grass	.28	3.35	5.98	66	64
	Midale	.04	3.30	6.44	66	64
2B	Moose Jaw	.13	1.87	6.04	64	65
	Regina	.04	4.46	5.92	64	63
	Francis	.02	2.60	5.11	60	62
	Qu'Appelle	.12	3.13	7.04	65	64
	Indian Head	.01	4.15	6.86	65	62
3AS	Assiniboia	.16	3.05	5.21	64	65
	Ceylon	.16	2.67	7.44	61	64
3AN	Chaplin	.01	2.49	6.38	63	64
	Gravelbourg	.14	1.46 2/	5.60	64	64
	Coderre	.08	3.86	5.49	63	N.R.
	Bishopric	.20	3.40 2/	5.46	64	64
3BS	Instow	N.R.	1.83 2/	5.31	N.R.	64
	Shaunavon	.07	2.30	5.02	64	63
	Cadillac	N.R.	3.38 2/	7.50	N.R.	63
	Val Marie	.28	1.94	5.64	63	64
	Aneroid	.28	2.10	6.30	64	63



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WEEKLY PRECIPITATION AND TEMPERATURE IN THE PRAIRIE PROVINCES 1949 (continued)

Crop District and Province	Station	Precipitation			Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. July 4	since April 1	since April 1	July 4 Mean	Normal
<u>SASKATCHEWAN</u>						
3BN	Pennant	.10	2.98	6.62	65	63
	Swift Current	.01	2.99	5.96	64	63
	Hughton	.20	4.00 2/	5.56	62	62
4A	Maple Creek	.02	3.43 2/	5.77	64	63
	Consul	.08	2.16	5.06	62	61
4B	Roadene	.12	3.13	5.57	64	62
5A	Leross	.08	6.38	6.08	58	61
	Lipton	Trace	2.84	5.24	63	62
	Yorkton	.10	6.95	5.62	64	62
5B	Dafoe	.67	4.61	5.37	60	60
	Foam Lake	.26	7.48	5.64	61	60
	Lintlaw	.20	8.69	5.63	58	60
	Kamsack	.12	5.37	4.88	65	62
6A	Davidson	.46	3.62	4.94	60	63
	Dilke	.10	3.83 2/	5.38	N.R.	N.R.
	Semans	.28	3.36	3.85	63	60
	Strasbourg	.14	6.82	5.66	60	62
6B	Harris	.14	2.06 2/	5.29	56	62
	Outlook	.14	5.57	3.80	64	63
	Saskatoon	1.10	4.61	4.94	60	62
	Elbow	.20	4.48	5.03	64	65
7A	Dundurn	.48	4.78	6.05	62	62
	Kindersley	.52	4.10	4.49	61	60
	Rosetown	.24	2.77	5.52	63	61
7B	Macklin	.06	3.94	5.63	58	60
	Scott	.50	5.07	4.85	56	61
	Ruthilda	.32	4.60 2/	5.45	N.R.	N.R.
	Biggar	.64	5.04	5.42	61	62
8A	Hudson Bay	.34	7.69	5.52	61	62
8B	Humboldt	.58	6.05	4.66	59	61
	Melfort	.58	5.10	5.02	59	61
9A	North Battleford	.33	5.79	5.37	61	63
	Rabbit Lake	.56	4.75	5.25	57	61
	Prince Albert	.53	5.29	5.38	58	63
9B	Waseca	.36	3.82	5.36	56	60
	Island Falls	2.37	9.64	5.27	58	62
<u>SASKATCHEWAN AVERAGE</u>		.27	4.52	5.58	62.0	62.3
<u>ALBERTA</u>						
1	Taber	.12	5.09	5.07	61	N.R.
	Foremost	Nil	4.01	7.08	64	64
	Winnifred	.20	3.92	4.83	N.R.	N.R.
	Medicine Hat	Trace	4.22	5.04	64	65
	Manyberries	Trace	2.74	5.24	64	66
2	Cowley	Nil	4.58	6.86	53	59
	Macleod	.06	6.46	5.68	61	64
	Cardston	Nil	5.34	8.97	56	63
	Lethbridge	.03	7.13	6.00	58	65
3	Vauxhall	.14	4.46	4.65	60	65
	Brooks	.48	4.32	4.76	60	66
	Empress	.28	3.94	5.41	62	66



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WEEKLY PRECIPITATION AND TEMPERATURE IN THE PRAIRIE PROVINCES 1949 (continued)

Crop District and Province	Station	Precipitation			Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. July 4	since April 1	since April 1	July 4	
					Mean	Normal
<u>ALBERTA</u>						
4	High River	.56	5.33	7.40	52	59
	Vulcan	.68	5.24	6.14	N.R.	N.R.
5	Drumheller	2.50	5.65	6.12	61	65
	Hanna	N.R.	2.63 2/	6.54	N.R.	64
	Naco	.68	4.14 2/	5.75	58	63
6	Olds	.06	3.08	6.27	55	59
	Calgary	.82	2.57	6.60	55	60
	Three Hills	.54	3.70	5.73	56	59
	Strathmore	1.22	1.68 2/	6.07	56	60
	Gleichen	1.02	3.80 2/	5.30	58	60
7	Sedgewick	1.20	2.66	5.30	58	58
	Hardisty	.34	1.94 2/	5.21	N.R.	N.R.
	Gornation	.86	3.21	4.86	57	61
	Hughenden	.30	2.61	5.22	N.R.	64
8	Red Deer	.05	3.37	7.48	55	58
	Lacombe	N.R.	2.32 2/	6.55	N.R.	59
	Wetaskiwin	.48	1.78	5.99	57	59
	Camrose	.60	1.84	5.80	57	60
	Stettler	2.12	3.25	6.70	60	58
9	Jasper	.57	3.61	3.12	50	57
	Rocky Mountain House	Trace	2.92	6.96	51	57
	Springdale	N.R.	2.05 2/	7.42	N.R.	58
10	Vegreville	.32	1.50 2/	6.56	N.R.	58
	Vermilion	.44	3.62	5.99	55	59
	Lloydminster	.36	2.60	4.81	58	59
11	Edmonton	.33	2.18	6.03	56	60
12	Whitecourt	.28	2.46	5.94	49	59
	Edson	.32	3.37	5.68	50	57
13	Elk Point	.32	2.58	5.32	56	59
14	Campsie	.36	3.02 2/	6.03	54	59
	Athabaska	.80	3.60 2/	5.35	52	59
	Lac La Biche	2.03	4.55	5.72	56	59
15	High Prairie	.04	4.71	5.27	54	59
	Wagner	.22	4.71	5.44	52	59
16	Beaverlodge	.84	4.63	4.48	52	58
	Grand Prairie	.17	3.19	5.32	53	58
	Fairview	.18	3.20	4.11	53	58
17	Fort St. John	.16	4.15	5.35	54	60
ALBERTA AVERAGE		.49	3.82	5.79	56.3	60.4

N.R. No report.

1/ Source: Meteorological Service of Canada.

2/ Incomplete: not included in average.

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