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J. B. Rutherford.
W. D. Porter.TELEGRAPHIC CROP REPORT

Ottawa, July 23, 1946, 3 p.m. - The fifth 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 ninth of a series of 15 telegraphic reports on crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from Dominion and Provincial Departments of Agriculture, private crop observers and grain men, supply the information on which these reports are based.

SUMMARY

Moisture is needed throughout the Maritimes but a recent rain relieved conditions in Prince Edward Island to some extent. Haying is general but yields are below average. Cereals are short in the straw and are now heading out. Corn, however, is promising. The apple crop is developing satisfactorily.

The prolonged drought which has prevailed throughout Quebec for the past several weeks has been relieved in some areas, especially in districts around Lake St. John and St. Anne de la Pocatiere. However, the reports from other areas continue to emphasize the immediate need for rainfall to check further crop deterioration. Generally speaking, pastures are poor and in some instances it has been necessary to feed hay and grain to live stock to maintain animals in satisfactory condition. Haying is 50 to 75 per cent completed but yields appear to be considerably below those of a year ago. Grain crops have started to head and prospects range all the way from poor to good. Insect infestations have continued to develop as well as diseases aggravated by drought conditions.

Haying is nearing completion in south-western Ontario and the crop has been taken off in good condition. Cutting of fall wheat is well advanced and has commenced for other spring grains. The hot weather of the past two weeks has adversely affected pastures in much of western, central and eastern Ontario, but local showers have provided some relief. Reports indicate that corn, roots, potatoes and tobacco are making satisfactory growth.

Crop conditions remain generally good throughout the Prairie Provinces with Manitoba reporting further improvement during the past week. Dry, hot weather has caused some deterioration particularly in west-central Saskatchewan and south-eastern Alberta but has promoted growth in other areas where moisture reserves were ample. Average precipitation since April 1 shows a further slight improvement in Manitoba and Saskatchewan and is still fractionally above normal in Alberta. No insect damage of importance has been reported and hail damage has not been widespread.

Ideal weather and moisture conditions have promoted rapid crop growth in Manitoba during the past few days and heads are filling well. Showers have retarded haying, but yields are turning out better than expected. Early barley is ripening in some areas of the province and harvesting of this crop will likely be well under way by the end of this month. Some leaf rust is present in the Brandon area but it has apparently developed too late to affect yields adversely. Row crops and corn are coming along well. Conditions in Saskatchewan have been generally well maintained during the past week but not, dry weather has caused some deterioration, particularly in west-central districts. Further general rains throughout the province will be required to bring the crop along to maturity in a satisfactory condition. Temperatures have averaged above normal during the past week and have had an adverse effect in areas where the moisture reserve was low. Optimistic reports continue to come from most eastern sections of the province and should favourable weather prevail over the next two or three weeks above-average yields are anticipated. Lighter yields are indicated in the south-west and in some western areas. Prospects in Alberta remain excellent in most districts although conditions are now only fair in parts of the south-eastern and Peace River areas. Hot weather has caused deterioration north of Medicine Hat but

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prospects have been fairly well maintained south of that city to the International border. Conditions are very favourable along the Calgary-Edmonton line although some districts would welcome more rainfall. Hay crops are quite good and pastures generally are holding up well. Live stock are in good condition.

The weather in British Columbia has turned fair and warm and haying is again under way. Winter cereals are nearing the cutting stage and spring grains are developing rapidly. Potatoes and most tree fruits are very promising but splitting caused a serious reduction in the cherry crop. A very heavy raspberry crop is now being harvested.

Prince Edward Island - Recent rains benefited all crops which were suffering from lack of moisture. Cereals are short in the straw and heading out but corn is very promising. Mangels and swedes are growing slowly and pastures are badly burned. Haying is general and about one-third is in the barns. Yields vary from fair to well below average. Strawberries were a good crop but the fruit was small.

Nova Scotia - All crops need rain. Haying is well advanced but yields are somewhat light. Pastures have deteriorated and grains are short in the straw. The apple crop, however, is still very promising and potatoes and vegetables are growing satisfactorily.

New Brunswick - The weather has been generally cool but very dry and all field crops are showing the effects of the light moisture supply. The eastern section of the province is most seriously affected and yields of grain hay and potatoes will be reduced. In the western part of the province field crops are average. Haying is general and is being stored under ideal conditions. Yields, however, are below normal. Early potatoes are being dug in the Grand Lake area and apples are sizing well.

Quebec - Reports from Quebec this week reveal that the prolonged drought which has prevailed in that province for the past several weeks has been relieved in some areas. Other districts, however, continue to emphasize the need for immediate moisture if further crop deterioration is to be checked. The Dominion Experimental Station at Ste. Anne de la Pocatiere states that July precipitation to date is over two inches. Hay making in this area is about 50 per cent completed but yields are 15 per cent below average. Wheat, oats and barley have been less affected by the drought and present indications suggest a good yield. Present apple prospects are good but the honey flow is poor. In the district of Lake St. John, soil moisture conditions are reported as excellent with about two inches of rain being received within the last 15 days. However, the mean temperature has been much lower than average. Haying has started with a medium yield in prospect. Grain crops are excellent and garden crops are medium. Pasture conditions vary from fair to good with milk production lower than average. No significant insect infestation is in evidence. Around Lennoxville, the weather remained hot and dry until July 21 when .42 of an inch of rain was received. Haying is 65 per cent complete and a good grain crop has started to head. Corn and root prospects are only fair and pastures remain short. At L'Assomption no drought relief has been indicated and pastures, tobacco and vegetable crops are particularly affected by lack of rain. Lowered milk production has resulted from dry pastures and 75 per cent of a poor hay crop has been harvested. At present sugar beets and corn appear to be in good condition. Around Quebec City farmers have been haying for the past 15 days and to date about 50 per cent of the crop has been harvested. The probable yield is estimated to be 25 to 30 per cent below that of a year ago. The prolonged drought has adversely affected the grain crop in this area and much of it has started to turn yellow and head out on very short straw. The pastures have dried out and in many cases it has been necessary to feed hay and grain to live stock, particularly to milk cows, in order to prevent further loss of production. Garden crops have been retarded but the outlook remains good. For the province as a whole, insect pests have continued to multiply and lack of nicotine for spraying has promoted this increase. Early blight of potatoes and certain smuts of tomatoes, stimulated by dry weather, have been increasing. High winds have added further damage in some places.

Ontario - Hot, dry weather through the first two weeks of July dried up pastures in much of western, central and eastern Ontario. In many sections of the province harvesting got under way with average yields of wheat reported but only fair yields of other spring grains. Haying is nearing completion, especially in south-western Ontario and the crop has been taken off in good condition, although yields are not heavy. In south-western Ontario corn, roots, potatoes and tobacco are making

satisfactory growth. In many districts local showers in the past few days have provided some relief. However, general rains are needed to maintain pastures and late crops as moisture reserves have been badly depleted.

Manitoba - Ideal weather has prevailed throughout the past week with no points requiring immediate rainfall. Crops are making excellent progress. Early barley is beginning to turn and harvest of this crop will commence about the end of the month. While some stands of grain are patchy, the majority of fields are very promising. Special crops, particularly field peas, are generally good. Flax yields should be good provided the rains continue. Only fair progress has been made with haying as showery weather has been a handicap. Stands are not heavy but are better than expected. Pastures are holding up well and summerfallows have been mostly well cultivated.

In the south-central portion of the province around Morden, crops are progressing well with moisture adequate for the present. Early fields of wheat and barley are maturing and some barley will be cut by the end of this week. Row crops and corn are doing well. A heavy rain on the 17th fell over the south-eastern part of the province around Melita. No crop damage has been reported. Wheat is filling well. The rye crop is reported as good to fair with some already swathed.

Crop conditions continue favourable in the Brandon district with about one and a half inches of rain during the past week. The early crops are beginning to turn and heads are filling particularly well. No insect damage has occurred and while leaf rust is present, it is thought to have developed too late to have any effect on yields. Haying is well advanced, although some damage has occurred from showery weather. Our correspondent at Teulon in the north-central portion of the province reports warm weather has promoted good growth of all crops. Early barley is turning. Considerable crop damage occurred in the Arborg district, due to flooding. The hay crop is very light but summerfallow is in good shape and corn has made excellent growth. Harvest will start early if the weather remains dry and warm.

No insect damage has been reported during the past week in Manitoba. Light hail has been reported during the week from Tyndal, Justice, Basswood, Kelloe, Lyleton, Thornhill, Minto, Lenore, Dand and Oak River with light to heavy hail falling at Elkhorn, Two Creeks and Hamsworth. Average precipitation for the province since April 1 has been 9 per cent below normal as compared with 14 per cent below normal a week ago. Mean temperature for the week ending July 22 was 3 degrees above normal.

Saskatchewan - Excellent weather has resulted in good growth and the condition of the grain crops has been generally maintained. Further rains are required, however, to properly fill the grain. In the south-western district and the west side of the south-central area low yields are in prospect. In central, west-central and the north-western districts moisture reserves are deficient and much depends on timely rains to satisfactorily mature the crops. Wheat averages about 24 inches in height and 87 per cent is now in head. Coarse grains average about 23 inches in height. Flax prospects are very favourable in the south-eastern districts. Harvesting of fall rye has commenced in south-eastern and south-western districts and an average yield of 15 bushels per acre is indicated. The weather has been warm with scattered light to heavy showers. Live stock are in good condition, while pastures generally have improved but require more rain in the drier areas.

Above-average crops appear to be developing in the south-eastern corner of the province. Good rains have fallen since the last report and these, coupled with satisfactory temperatures, have made for steady growth. Some lodging has occurred in heavy crops which now appear to be earlier than last year. Gardens are good. In the Yellow Grass area of the south-east wheat is filling well and oats and barley are making good progress. Flax prospects are fair with a small percentage of the crop having been drowned out by recent heavy rains. While the hay crop is only fair, pastures are in excellent condition. In the Indian Head area, east of Regina, practically all grain crops are fully headed and are now making excellent growth. Traces of leaf rust are appearing in the wheat crop. The weather has been favourable for hay crops and pastures, and much improvement has taken place during the past week.

Swift Current reports that while prospects are still improved by the July rainfall the moisture reserve is becoming low owing to recent hot weather and two very windy days. Shattering in fall rye is not yet serious, although most fields are nearing maturity. In the Shackleton district the July rains considerably improved the crop situation with wheat on fallow now showing a fairly good stand and starting to fill. Barley, too, is filling well with about an average crop anticipated. Oats are fair.

Reports from the east-central section of the province are optimistic with all grains headed out and excellent growing weather prevailing. Moisture is plentiful and pastures are very good. Less favourable reports have been received from west-central Saskatchewan, where grain crops have deteriorated during the past week due to dry weather and hot winds, crops on lighter soils having suffered to a greater extent than on the heavy land. Rain is needed in many districts in this area during this critical period of crop growth.

Further rain has fallen during the past week in the Melfort area in the north-east and crops are now developing nicely in spite of earlier set-backs. Indications are that an average crop will be harvested. Crops in the north-western section of the province around Prince are now reported as fair to good with late-sown oats needing rain badly. The moisture reserve appears to be poor and further rain will be required to assure proper filling of all grains. The wheat crops are showing white tips on the heads. Summerfallow crops are still holding up well in this area.

The Entomological Laboratory at Saskatoon reports that white heads of wheat caused by wheat stem maggots are very common, but fortunately the percentage infestation is light. Considerable local hail damage is reported from hail storms occurring on July 11 at Browning; on July 14 at Torquay, Harptree and Oungre; on July 15 at Lafleche, Spring Valley, Vantage, Moose Jaw, Mortlach, Nokomis, and on July 19 at Worcester. Average precipitation for the province since April 1 has been 8 per cent below normal as compared with 12 per cent below normal a week ago. Mean temperature for the week ending July 22 was 3 degrees above normal.

Alberta - Aided by good growing weather, crops are making satisfactory progress and prospects remain excellent in most areas, although in the south-east portion of the province and the Peace River district conditions are only fair. About 75 per cent of the wheat is headed and about 45 per cent of the coarse grains. No serious crop damage has been reported and pastures and live stock are in generally good condition.

Scorching heat during the past three days has caused rapid deterioration in the area north of Medicine Hat but conditions are still good south of Medicine Hat to the international border. Further rain, however, is necessary to maintain prospects and to assure proper filling. Range conditions are good and haying is now general. The Dominion Experimental Station at Lethbridge reports that crop prospects continue generally satisfactory in southern Alberta but hot winds have caused some deterioration east of Lethbridge. A good hay crop is being harvested in the foothills area. In the large wheat area around Vulcan good weather conditions have rapidly advanced a better-than-average crop with both wheat and flax showing good prospects.

In the east-central section of the province, around Hanna, general conditions have remained very good over the past week. Our Stettler correspondent reports no rain since the last report. Fifty per cent of the wheat and some of the barley is headed in that area. The crop here appears to be somewhat late and warm weather and more rain will be required to mature the crop satisfactorily. A good crop of hay is in prospect. In the Sedgewick district in the central portion of the province crops are excellent with wheat 80 per cent headed and barley and oats 75 per cent headed. Warmer weather would be welcome as the moisture supply is good.

All correspondents along the Calgary line report rapid growth and favourable weather conditions. Around Calgary crops are heading rapidly and in early-sown barley fields the heads are filling better than average. Haying is making good progress with about average yields. Some crops now need moisture in the Lacombe area as the weather during the past week has been very hot here. Some lodging of grain crops has occurred in the Edmonton area and warm, dry weather will be required here to promote maturity of all grains.

Our Vermilion correspondent reports a heavy wind on July 22 which caused slight damage to crops. Otherwise, conditions here are good with moisture supplies adequate to maintain good prospects for two weeks. Further heavy showers in the Peace River area have assured an average crop in some districts, but elsewhere the situation remains critical with the crop deteriorating as a result of heavy demands on limited moisture supplies and dry winds during the past week. An early harvest is in prospect.

No insect damage has been reported recently but severe scattered hail damage has occurred in the Whitford, Bellis, Vilna, Derwent, Holden, Wetaskiwin, Daysland, Kelsey, Edberg, Clive, Bentley, Rimbey, Cereal and Oyen districts. Average precipitation for the province since April 1 remains fractionally above normal. Mean temperature for the week ending July 22 was one degree above normal.

British Columbia - The weather since July 15 has been fine and warm and haying is now in full swing after a considerable delay earlier in the month. Early fields of winter wheat and rye are nearing the cutting stage and spring grains are in or past bloom. The outlook for both spring and fall grains is very promising. Pastures are excellent and potatoes look particularly good. The prospects for tree fruits continue to be bright and early estimates of apples, apricots, peaches and pears are likely to be exceeded. Cherries, however, suffered considerably from rain which caused splitting. Harvesting of raspberries is at the peak and the crop is very heavy.

Precipitation and Temperatures in the Prairie Provinces 1/

Crop District	Station	Precipitation			Mean Temperatures	
		Week ending 8 a.m. July 22/46	Total Since April 1	Normal Since April 1	Week ending 8 a.m. July 22, 1946 Mean	Normal
Manitoba						
1	Pierson	1.54	7.00	7.33	69	67
	Waskada	1.18	5.74	8.32	70	68
2	Boissevain	1.10	6.20	7.34	68	66
	Ninette	1.36	8.82	7.94	68	67
	Pilot Mound	.50	4.56 2/	8.61	68	67
3	Portage la Prairie	1.60	6.72	7.76	N.R.	66
	Graysville	.92	7.10	8.39	72	67
	Morden	.34	5.33	8.10	69	67
	Morris	.34	5.68	7.75	68	67
	Emerson	.36	6.26	7.34	69	67
4	Winnipeg	.50	5.16	8.75	69	68
6	Sprague	nil	6.82 2/	8.57	64	66
	Pinawa	.10	3.62	6.31	68	65
7	Virden	1.38	8.40	6.77	69	64
	Rivers	.69	6.41	7.73	69	66
8	Brandon	1.58	8.43	7.78	68	66
	Cypress River	.66	5.39	7.67	69	66
9	Minnedosa	1.52	7.60	7.67	67	65
	Neepawa	1.90	7.29 2/	7.67	70	65
10	Russell	.66	9.72	7.35	68	64
	Birtle	.74	11.00	7.69	68	64
11	Dauphin	.48	10.27	6.62	71	65
12	Gimli	.78	5.28	8.29	68	66
13	Swan River	.50	6.59	7.70	69	64
	The Pas	.68	6.67	5.88	68	65
Manitoba Average		.86	6.97	7.65	69	66
Saskatchewan						
1A	Estevan	1.30	7.88	7.32	70	66
	Carlyle	.90	5.92	7.91	66	64
1B	Broadview	.49	6.57	7.02	67	64
	Moosomin	.58	10.23	6.61	69	66
2A	Yellow Grass	.42	10.45	7.21	68	65
	Midale	1.14	6.32 2/	8.00	67	66
2B	Moose Jaw	1.09	7.22	7.30	69	67
	Regina	1.98	9.84	7.34	67	64
	Francis	.32	8.05	6.15	64	65
	Qu'Appelle	.82	8.67	8.62	67	65
	Indian Head	1.06	8.24	8.38	68	64
3AN	Chaplin	.08	5.71	7.64	68	66
	Gravelbourg	.20	5.36	6.24	69	66
3AS	Assiniboia	.74	7.44	6.25	67	66
	Ceylon	.70	8.60	8.96	N.R.	66
3BN	Pennant	.26	3.96	7.58	69	65
	Swift Current	.09	5.41	7.37	67	67
	Hughton	N.R.	4.70 2/	6.62	N.R.	64
3BS	Instow	N.R.	4.79 2/	6.41	N.R.	66
	Shaunavon	.08	4.78	6.32	68	64
	Cadillac	.82	4.50	8.38	68	64
	Val Marie	.06	4.44	6.91	67	66
	Aneroid	.36	4.37	7.34	70	64
4A	Maple Creek	nil	4.46	7.10	68	65
	Consul	nil	3.98	5.97	N.R.	62
4B	Roadene	.14	4.28	6.64	67	64
5A	Leross	1.94	10.22	7.41	66	64
	Hubbard	.52	6.04 2/	7.09	64	63
	Yorkton	.98	8.52	7.22	69	63
5B	Dafoe	.26	5.83	6.47	68	63
	Foam Lake	1.50	7.50	7.05	67	63
	Lintlaw	.04	4.36	7.24	65	63
	Kamsack	.58	5.61	6.54	N.R.	64
6A	Davidson	nil	4.94	5.99	65	65
	Dilke	.38	3.78 2/	6.49	N.R.	N.R.
	Nokomis	.74	3.91 2/	5.48	70	64
	Semans	1.18	6.06	4.82	69	64
	Strasbourg	.42	6.94	6.81	66	63
6B	Harris	N.R.	5.01 2/	6.59	N.R.	64
	Outlook	.12	6.61	4.81	70	64
	Saskatoon	.29	4.21	6.46	68	64
	Elbow	nil	4.78	6.06	69	65
	Dundurn	nil	3.22	7.28	67	64
	Tugaske	trace	5.87	6.04	68	65
7A	Kindersley	.18	4.86	5.84	N.R.	64
7B	Macklin	.48	6.26	6.96	65	61
	Scott	.06	3.88	6.27	66	62
	Ruthilda	.12	5.36 2/	6.93	N.R.	N.R.
	Biggar	.18	4.88	7.01	68	64
8A	Nipawin	.42	6.82	7.16	68	63

Precipitation and Temperatures in the Prairie Provinces^{1/} (concluded)

Crop District	Station	Precipitation			Mean Temperatures	
		Week ending	Total	Normal	Week ending 8 a.m. July 22/46	
		8 a.m. July 22/46	Since April 1	Since April 1	Mean	Normal
Saskatchewan (continued)						
	Hudson Bay Junction	.05	5.98	7.09	67	64
8B	Humboldt	.08	7.53	5.92	66	63
	Melfort	.44	4.78	6.76	66	64
9A	North Battleford	.05	6.10	6.67	67	65
	Rabbit Lake	.22	6.32	6.88	60	62
	Prince Albert	.18	6.23	6.73	67	64
9B	Waseca	N.R.	5.22 2/	6.65	N.R.	61
	Loon Lake	1.82	8.93	7.81	62	62
	Island Falls	.94	6.16 2/	6.82	66	65
Saskatchewan Average		.51	6.28	6.86	67	64
Alberta						
1	Foremost	nil	6.13	8.17	68	69
	Medicine Hat	.13	5.15	6.14	70	69
	Manyberries	nil	7.17	6.22	68	69
2	Cowley	nil	9.50	7.65	61	62
	Macleod	nil	9.85	6.90	67	67
	Cardston	nil	6.96	10.28	63	66
	Lethbridge	.22	7.45	7.06	67	66
3	Vauxhall	nil	4.74 2/	5.73	66	68
	Brooks	nil	5.07	5.87	68	69
	Empress	.16	3.54	6.57	70	70
4	High River	nil	10.95	8.35	60	62
	Vulcan	nil	8.01	7.34	N.R.	N.R.
5	Drumheller	nil	5.67	7.40	67	69
	Hanna	N.R.	7.92 2/	8.15	N.R.	66
6	Olds	nil	9.03	7.57	62	61
	Calgary	nil	8.51	8.12	63	63
	Three Hills	nil	6.24	6.83	62	61
	Strathmore	nil	5.20	7.14	64	62
	Gleichen	nil	6.63	6.62	64	63
7	Viking	N.R.	8.98 2/	6.28	N.R.	60
	Sedgewick	.80	8.26	6.82	64	60
	Hardisty	.02	6.91 2/	7.07	N.R.	N.R.
	Coronation	nil	6.96	5.99	65	63
	Hughenden	.14	6.61	6.66	66	67
8	Red Deer	trace	9.07	9.40	62	60
	Lacombe	nil	9.45	8.08	64	61
	Wetaskiwin	N.R.	8.12 2/	7.55	N.R.	62
	Camrose	.30	8.36	7.34	62	61
	Stettler	nil	9.12	8.33	62	61
9	Jasper	.20	4.59	3.89	61	59
	Rocky Mountain House	.20	11.85	8.23	62	60
	Springdale	.08	8.81 2/	9.39	62	60
10	Vegreville	.10	8.66	8.45	66	60
	Vermilion	.46	7.71	8.09	63	61
	Lloydminster	.42	5.59	6.24	64	62
11	Calmar	.18	10.73	8.40	62	61
	Edmonton	.69	8.40	7.96	63	62
12	Whitecourt	.18	6.61	8.12	60	61
	Edson	.08	10.52	7.53	60	58
13	Glendon	.60	6.85 2/	6.80	63	62
14	Campsie	.76	8.77	7.93	62	61
	Athabaska	N.R.	7.64 2/	7.05	N.R.	61
	Lac La Biche	.63	6.01	7.00	62	61
15	High Prairie	N.R.	3.55 2/	6.90	N.R.	61
	Kinuso	N.R.	.34 2/	6.78	N.R.	61
	Wagner	.83	4.43	7.36	61	62
16	Beaverlodge	.18	3.93 2/	5.72	60	61
	Grand Prairie	.08	3.58	6.81	63	61
	Fairview	.06	2.65	4.96	59	61
17	Kegonaw	.22	3.85	6.71	60	61
	Fort Vermilion	N.R.	2.10 2/	4.99	N.R.	62
	Fort McMurray	.69	6.84	6.17	63	63
	Embarras	3.24	5.92	4.40	65	67
	Fort Smith	.81	4.52	4.11	65	61
	Fort St. John	.44	5.21	6.80	61	62
Alberta Average		.27	7.10	7.06	64	63

N.R. No Report. ^{1/} Source: Meteorological Service of Canada.^{2/} Incomplete: Figures not included in average.

