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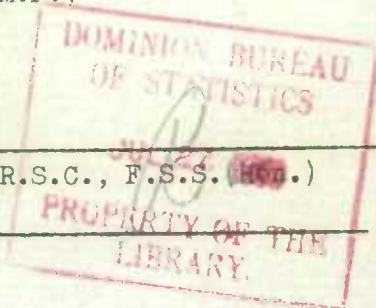
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DOMINION BUREAU OF STATISTICS - CANADA
AGRICULTURAL BRANCH

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TELEGRAPHIC CROP REPORT

Ottawa, July 26, 1938, 4 p.m. - The Dominion Bureau of Statistics issues today the ninth of a series of 15 weekly telegraphic reports covering crop conditions in the Prairie Provinces. Sixty-two correspondents distributed over the agricultural area supply the information on which the reports are based. Most of these correspondents are agriculturists of the Dominion and Provincial Departments of Agriculture but a number of selected private observers and grain men also cooperate in this service. The Meteorological Service of Canada, Toronto, supplies official weather data.

SUMMARY

Warm and dry weather in Manitoba and Saskatchewan and high temperatures in Alberta retarded late crop growth and filling of wheat but speeded up maturity of crops on the Prairies. With the harvest commencing in southern Manitoba this week, the most important factor affecting yields in the next ten days to two weeks will be the rust situation in north-central and north-eastern Manitoba and eastern and central Saskatchewan. While rust has been prevalent in these areas, weather conditions have held back its spread and development. In southern and central Manitoba, rust has already caused serious damage on susceptible varieties. The greatest potential damage from rust lies in central Saskatchewan where a large proportion of the acreage is sown to susceptible varieties. Losses from hail occurred in local areas in Manitoba and Saskatchewan. In Alberta a heavy storm did much damage in an area extending south-easterly from Olds. Grasshopper damage continues to be serious in south-western Manitoba and south-eastern Saskatchewan. Losses of horses continue in north-western Manitoba and eastern Saskatchewan.

Manitoba

A further deterioration of yield prospects last week was caused by continued dry weather and the spread of stem rust on susceptible varieties of wheat. The harvesting of grain crops has been advanced by warm and dry weather and in the southern part of the province, cutting of feed grains has commenced. Wheat harvesting will begin this week and be general by the first of August. In north-central and north-western Manitoba prospects remain favourable but rust infection is heavy on susceptible varieties and will reduce average yields. Some damage has occurred from army worms and grasshopper injury has increased. Hail storms took toll in several districts.

Saskatchewan

A decline in general crop prospects occurred last week as the result of warm and dry weather. As the season advances, wide variations in prospects become more apparent. The best crops are located in the east-central area, on the Regina Plains and on the heavy land in west-central Saskatchewan. No relief has been afforded to the very dry area in the north-central portion and rains are needed to provide fodder. General rains throughout the province would be beneficial for filling of the crop. Grasshoppers have continued to cause heavy damage in some localities. Rust is general on susceptible varieties in eastern Saskatchewan but development has been retarded by weather conditions. Serious losses of horses are continuing from the outbreak of encephalomyelitis.

Alberta

With temperatures much above normal last week, crops in the southern part of the province suffered some damage. The wheat crop is ripening rapidly. Good rains are needed for proper filling. In the central part of the province hail caused fifty per cent damage on forty thousand acres. The grain crops are holding up well in the Edmonton district and prospects remain favourable. Unfavourable conditions still obtain in the Peace River country and yields will be light. Pastures and gardens are poor.

Precipitation and Temperatures in the Prairie Provinces

Crop Districts	Stations	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending July 25	
		8 a.m. July 25	since April 1	since April 1	Actual	Normal
Manitoba						
1	Pierson	.32	4.55	7.54	64	66
2	Boissevain	.24	5.83	7.54	63	66
	Ninette	.40	4.92	8.12	64	67
	Pilot Mound	.88	4.88	8.84	64	67
3	Emerson	.64	6.36	7.58	64	67
	Morden	.58	8.05	8.31	65	67
	Graysville	1.36	8.04	8.59	64	67
	Morris	.92	5.45	7.98	66	67
	Portage la Prairie	1.07	5.76	7.99	65	65
4	Winnipeg	2.02	7.80	9.04	64	67
6	Sprague	.52	8.47	8.81	64	65
	Pinawa	1.54	5.24	6.55	60	65
7	Virden	.28	5.07	6.94	65	64
8	Brandon	.30	5.41	8.02	64	65
	Cypress River	.64	8.57	7.92	63	66
9	Minnedosa	.26	3.84	7.90	63	64
10	Russell	.48	7.94	7.56	61	63
	Birtle	.18	5.18	7.97	60	63
11	Dauphin	.35	6.02	6.87	65	64
13	Swan River	.32	9.02	7.95	61	63
	The Pas	.11	5.18	6.10	65	65
Manitoba Average		.64	6.27	7.82	64	65
Saskatchewan						
1	Broadview	.10	8.22	7.28	64	64
	Moosomin	.38	6.66	6.78	66	62
	Carlyle	.56	7.15	8.14	62	63
	Estevan	.20	6.69	7.50	67	65
2	Moose Jaw	.06	6.57	7.50	67	66
	Regina	.06	6.20	7.54	65	64
	Qu'Appelle	.16	6.47	8.86	63	65
	Indian Head	.02	4.54	8.60	64	64
	Yellow Grass	.30	8.01	7.37	64	65
	Midale	.12	6.21	8.22	66	65
3	Assiniboia	.14	10.01	6.38	66	65
	Chaplin	.40	4.92	7.83	65	65
	Swift Current	.30	5.30	7.58	68	66
	Aneroid	.10	8.06	7.49	66	64
	Hughton	.24	5.49	6.78	68	64
	Pennant	.30	4.81	7.69	67	65
	Val Marie	trace	7.14	7.09	68	66
	Shaunavon	.06	5.36	6.50	68	63
4	Maple Creek	.12	7.59	7.29	69	65
	Roadene	.06	7.44	6.81	67	64
	Consul	.12	6.94	6.08	68	62
5	Kamsack	.94	9.33	6.82	58	64
	Yorkton	.82	10.71	7.48	62	62
	Hubbard	.34	8.35	7.34	62	63
	Lintlaw	.68	9.01	7.51	60	61
6	Rosthern	1.92	4.97	6.86	66	63
	Saskatoon	.22	5.25	6.71	65	63
	Davidson	.52	10.11	6.15	66	64
	Dundurn	.24	4.92	7.43	68	64
	Strasbourg	.04	4.89	6.97	65	63
	Elbow	nil	5.37	6.21	66	64
	Outlook	.30	5.52	4.98	67	64
7	Macklin	.44	6.36	7.17	66	60
	Alsask	.10	6.35	6.52	68	63
	Scott	.10	5.62	6.50	66	62
	Biggar	.44	7.96	7.24	67	63
	Kindersley	.06	8.07	6.06	66	63

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Precipitation and Temperatures in the Prairie Provinces* (Concluded)

Crop Districts	Stations	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending July 25	
		8 a.m. July 25	since April 1	since April 1	Actual	Normal
Saskatchewan (Concluded)						
8	Melfort	.86	8.48	7.04	63	63
	Dana	.86	4.65	9.41	66	63
	Humboldt	.28	6.31	6.12	64	63
	Naicam	1.28	8.71	7.71	62	63
9	Rabbit Lake	.84	4.49	7.14	64	62
	Waseca	.44	4.20	6.85	68	61
	Battleford	.18	4.18	6.87	68	66
	Prince Albert	.76	4.33	6.93	65	64
Saskatchewan Average		.37	6.62	7.14	65	64
Alberta						
1	Medicine Hat	.10	5.45	6.30	68	70
	Foremost	.24	7.02	8.35	70	62
	Manyberries	.88	6.03	6.36	70	62
2	Macleod	1.92	10.08	7.07	no report	65
	Lethbridge	.60	6.41	7.20	69	65
	Cardston	.48	9.82	10.45	67	63
3	Brooks	.30	5.34	6.04	68	63
	Empress	.04	1.92	6.72	71	63
	Vauxhall	.16	6.82	5.90	68	64
4	High River	.44	7.55	8.52	66	61
5	Drumheller	.20	7.85	7.59	68	61
	Hanna	.34	9.01	8.38	70	60
	Naco	nil	6.41	7.30	64	59
6	Dlds	1.50	8.49	7.80	69	60
	Three Hills	.40	7.98	7.02	66	61
	Strathmore	.02	7.98	7.31	65	62
	Gleichen	.34	3.58	6.82	66	63
	Calgary	.10	9.56	8.37	65	62
7	Coronation	trace	6.37	6.16	65	60
	Hughenden	.06	7.72	6.87	66	60
	Sedgewick	.22	7.95	7.05	66	60
	Viking	.06	6.59	6.47	64	60
8	Wetaskiwin	.14	5.55	7.78	67	61
	Lacombe	.08	8.06	8.31	66	60
	Alix	.18	8.54	7.60	67	61
	Red Deer	1.08	9.95	9.67	67	59
10	Stettler	nil	7.77	8.59	67	60
	Vegreville	.14	6.35	8.75	66	60
	Vermilion	.12	7.65	8.43	65	60
11	Lloydminster	.14	5.74	6.46	66	61
	Edmonton	.10	8.98	8.28	66	62
12	Calmar	.30	4.67	8.70	65	61
	Edson	.06	8.47	7.84	64	58
13	Jasper	nil	5.73	4.02	66	58
	Glendon	.16	3.78	7.03	65	61
14	Athabasca	.28	2.23	7.37	62	60
	Campsie	.06	5.44	8.25	64	60
15	High Prairie	.84	3.70	7.27	62	59
	Kinuso	.30	3.36	7.00	63	60
16	Fairview	.14	1.42	5.11	65	61
	Beaverlodge	.04	2.92	5.91	65	57
17	Keg River	.56	3.35	-	62	61
	Fort Vermilion	.52	5.85	5.17	60	61
	Fort McMurray	.94	5.37	6.47	66	63
	Fort Smith	.14	4.42	4.27	62	60
Alberta Average		.33	6.34	7.23	66	61

* Source: Meteorological Service of Canada.

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REPORT FROM DOMINION RUST RESEARCH LABORATORY, WINNIPEG

In Manitoba stem rust on susceptible common wheat is approaching epidemic proportions. On Durums except Kabanka generally light, but appearing on necks of plant. Rust-resistant varieties practically free. Light on oats in east, diminishing to trace in west. Leaf rust of wheat very abundant on common wheat. Crown rust of oats heavy in eastern, moderate in central, and relatively light in western parts of province. In Saskatchewan stem rust present throughout province, becoming rather heavy on susceptible wheat along eastern side but decreasing westward to little more than trace on western side. Apparently more in south-central than in north-central area. Oats practically free in eastern part, leaf rust of wheat plentiful, little crown rust of oats.

REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

Brandon, Manitoba

Beet webworm outbreak is declining. Army worms are damaging crops in varying degrees at widely separated points. Damage thus far less than last year. Grasshopper injury has increased somewhat since the pests have matured.

Saskatoon, Saskatchewan

Much local movement of grasshoppers occurring and some high flights have been observed. Defoliation and head cutting of crops is common generally and is heavy in some localities.

Lethbridge, Alberta

Serious losses to wheat being caused by Says grain bug at Turin, Chin and Wrentham. Grasshoppers migrating in local movement causing some losses to late oats and barley. Beet webworm abundant in south destroying gardens and necessitating spraying of sugar beets.

HAIL DAMAGE

MANITOBA, North West Adjustment and Inspection Company, Limited, Regina.

Heavy damage McCauley. Large acreage heavily hailed Brunkild south to Letellier. Light hail on small acreage Carberry, St. Norbert, Prairie Grove and Fortier.

SASKATCHEWAN, The Saskatchewan Municipal Hail Insurance Association, Regina.

Considerable damage hail to crops on the eighteenth in the vicinity of Colonsay and Young. On the nineteenth, Lafleche, Dinsmore, Wiseton, Beechy and Wilkie. On the twentieth, Benson, South of Kincaide and north of Hazenmore.

ALBERTA, The Alberta Hail Insurance Board, Calgary

Disastrous storm nineteenth from Olds in a south-easterly direction to Bow River south of Calgary. A few scattered losses in other parts of the province.

REPORTS OF CORRESPONDENTS

MANITOBA

Winnipeg, Provincial Department of Agriculture

Light showers which have not benefited crops any have fallen during past week. Crops burning badly. Summerfallow crop going back since last reported. Late crops very poor. Cutting will begin near weekend. Some insect damage to crop. Worms infecting fruit trees. Hay and pasture poor.

SOUTH-CENTRE

Morden, Dominion Experimental Station

Wheat turning. Some fields will be cut end of week. Barley and oats turning fast. Considerable barley cut. Rust epidemic heavy on susceptible varieties. Yield will be low. Resistant sort free and yield on summerfallow will be medium to good. Second crop light. Plenty moisture.

MANITOBA - Concluded

SOUTH-WEST

Killarney, Telegraphic Correspondent

The continuous dry weather is rushing the harvest and barley is now being cut. Some oats will be cut this week and wheat harvesting will commence in earnest next week. The grain is drying up rather than ripening normally and drought may be charged with reduction of yield by about fifty per cent. Apparently rust will not materially affect yield. Beet webworm doing some damage to gardens and clouds of grasshoppers passed over this district these last two days travelling south-west. Pastures very dry.

Melita, Telegraphic Correspondent

Four-fifths inch rainfall last week. Considerable rye, oats and barley cut. Wheat cutting will be general this week. Ceres and Reward badly rusted. Hoppers flying into this area the last few days. Gardens good.

WEST-CENTRE

Brandon, Dominion Experimental Farm

Dry weather continues and harvesting of wheat and barley has commenced locally but cutting will not be general for a few days. Not sufficient farm labour to take care of crop. Farm gardens are more productive than usual.

Woodnorth, Telegraphic Correspondent

Harvesting has commenced and crops are reported as light to medium. Much rust is in evidence but grain is filling fairly well. Hoppers very plentiful and on the wing and causing considerable damage.

NORTH-CENTRE

Teulon, Agricultural Representative

Crop conditions very satisfactory. Rust damage severe on non-resistant varieties but very little sown. Trace of stem rust on Thatcher, Renown, Durum, and barley. Moisture sufficient to finish crop. Dry weather needed. Hay and clover badly spoiled by wet weather. Slight army worm damage. No hail damage. Harvesting general by August 10.

NORTH-WEST

Kelwood, Telegraphic Correspondent

Poor haying weather. Farmers having Marquis wheat say they will not cut it. On the whole everything coming along fine.

Dauphin, Agricultural Representative

Crop filling well. Cutting will start next week. General in ten days. Rust-resistant varieties standing well. Odd Garnet, Ceres and Marquis fields ruined with rust. Coarse grains doing well but rust will do some harm. Gardens and potatoes good. Encephalomyelitis continues unabated.

Russel, Telegraphic Correspondent

Scattered showers during the week accompanied by moderately cool days and nights assisted the early grains to fill and stimulated the growth of the late sown grain. It also freshened up the pastures which were getting dry. Leaf rust is to be seen on most of the wheat and stem rust is appearing on some of the non-resistant varieties. Cases of horse sickness are still being reported.

Swan River, Telegraphic Correspondent

All crops headed. Growth above average. Wheat well headed. No worms or grasshoppers to hurt. Clovers and alfalfa mostly harvested. Good crop. Gardens are splendid. No rust to hurt. Grain and stock looking fine. Considerable disease among horses.

SASKATCHEWAN

Regina, Provincial Department of Agriculture

General crop prospects have declined in most parts since last report due to a fairly general lack of sufficient moisture and further damage by grasshoppers. The weather has been mostly dry and moderately warm with some cool nights. A few good showers of a local nature have fallen but rains are required over a large portion of the province and are very urgently needed in widening areas in south-western and north-central Saskatchewan. The best crops are in the east-central area and on the Regina plains and south, and extending westward to a point south of Chaplin and thence south-west to about Ponteix. Crops on the heavy land in the area west from Outlook almost to the Alberta boundary also show favourable prospects. Crops in a triangular area from Birch Hills to about Paynton and south through Rosethorn and Wakaw are extremely poor with only very light yields possible on better fields. While a few points in this area received showers, good general rains are needed immediately to improve the fodder situation. As previously reported, crops are extremely patchy in the area north of the C.P.R. main line in south-western Saskatchewan. Continued drought has caused a further serious decline in prospects with many fields burning badly. The area affected has widened considerably. Patchy grasshopper damage has resulted in serious local crop injury at points in the south-east. Between the good and the poor districts outlined above, prospects range from fair to good but crops generally require more moisture to check the steady decline that is taking place. Hail storms have caused some severe injury to crops at points in the north-west. Rust is present in the eastern half of the province being more prevalent in south-eastern Saskatchewan where it is quite pronounced on susceptible varieties at some points. The weather for the most part has tended to retard rust development and future weather conditions still remain the determining factor in its development and the extent of damage. Heavy losses are still being sustained among horses from the serious outbreak of encephalomyelitis.

SOUTH-EAST

Yellow Grass, Telegraphic Correspondent

Crops looking good. Wheat filling so far. Lots of red rust on stem. Thatcher wheat filling well. No rust to hurt. Some fields of wheat will be cut August fourth. Hay cutting has started. A poor crop. Moisture to date is seven point six four inches.

Indian Head, Dominion Experimental Farm

Weather conditions dry. Crop ripening very rapidly. Grasshoppers numerous and doing damage to grain crops. Rust damage likely on Marquis, Ceres and Reward. Rain required for hay and pasture fields.

SOUTH-WEST

Swift Current, Dominion Experimental Station

Point three seven inches rain and high temperatures past week. Late sown crop benefited by showers but more needed. Some early barley harvested. Early wheat in late dough stage. Oats short and still green. No grasshoppers or hail damage locally. Extensive hail damage Hodgeville district. Crop in southern district promising but grasshoppers threatening in places.

Swift Current, Supervisor of Illustration Stations

Tugaske rainfall to date five point four three inches. No good rain recently. Stand of grain fair. Much of wheat is tip burned and yield will be lower than anticipated earlier in season. Wheat in soft dough stage. Needs more moisture for filling. Hoppers fairly numerous but no material damage yet. Pastures fair. Riverhurst rainfall to date four point four naught inches. No effective rains recently. Yield of all grain will be low. Wheat now in soft dough stage. Hoppers numerous and damaging the oat crop. Pastures fair. Gravelbourg rainfall to date eight point six naught inches. Stand of all grain good and filling well especially on fallow. Wheat in soft dough stage. Some hoppers but no material damage done yet. Pastures good.

SASKATCHEWAN - Concluded

EAST-CENTRE

Willowbrook, Telegraphic Correspondent

Excellent stands of rye now being cut. Grasshopper damage slight. Hail damage slight. Wheat subject to heavy rust which to date cuts average by twenty-five per cent. Thatcher variety will be cut in one week. Nine point five inches moisture to date.

Scott, Dominion Experimental Station

Hot weather during past week caused crops to suffer generally and indications are that yields will show considerable variation due to uneven distribution of rainfall. Taking west-central Saskatchewan as a whole there is possibility of almost average crop. Severe spotty damage from grasshoppers especially in oats. Four points recorded strips of hail.

Senlac, Telegraphic Correspondent

Practically all wheat in filling stage but patchy from hopper damage in places. Have barely sufficient moisture to ensure proper filling but local showers today. Hay is plentiful and expect no shortage of feed. No signs of rust yet. Cutting should commence in two weeks.

NORTH-EAST

Melfort, Dominion Experimental Station

Temperature moderate. Point five six inches rain during week. Moisture condition good. Early sown crops beginning to ripen. Some barley fields already cut. Leaf rust of wheat bad. Grasshopper damage slight. Second growth alfalfa coming well and good pastures assured for remainder of season.

NORTH-CENTRE

Rosthern, Dominion Experimental Station

Approximately two and one-quarter inches rainfall during the week. Very beneficial in filling summerfallow crops and to late sown coarse grain crops. Too late for early seedings. Grasshoppers very numerous and severely damaging growing crops. Slight hail damage in district during week.

ALBERTA

SOUTH-EAST

Manyberries, Dominion Range Experiment Station

Scattered thunder showers have sustained crop in some districts but many crops need rain to fill properly. No hail damage. Fall rye harvest sixty per cent complete. Winter wheat harvest to commence this week. Feed supplies abundant. Range conditions continue excellent with stock making good gains.

SOUTH-WEST

Lethbridge, Dominion Experimental Station and Illustration Stations

Unusually high temperatures for at least three days during past week injured grain crops in the drier parts of southern Alberta but cooler weather and scattered rains over week-end has eased situation so that crop outlook generally remains unchanged. Harvesting of winter wheat has begun.

CENTRE

Stettler, Telegraphic Correspondent

No rain since last report. Rain needed. Wheat ripening too fast because of heat. No serious damage yet. Pasture and hay crops good. General conditions good.

ALBERTA - Concluded

WEST-CENTRE

Calgary, Telegraphic Correspondent

Some scattered showers last few days broke heat wave before any considerable damage was done. Weather now cool and crops progressing satisfactorily but would still welcome a general rain. Hail storms during past week have done probably fifty per cent damage on estimated forty thousand acres north and east of here.

Lacombe, Dominion Experimental Station

With temperatures eighty-eight to ninety-five degrees, no rain and three days of strong wind, it was a trying week for all crops. Stubble crops are burning at tips of heads and base of stems. Pastures are becoming short. All but summerfallow crops and corn are suffering.

Edmonton, Telegraphic Correspondent

Weather last week has been very hot and dry, only two small showers. Grain crops are holding up well. No hail damage Edmonton district. Grain is filling and some fields ripening. Prospects for crop are good in this district.

NORTH-EAST

Vermilion, Telegraphic Correspondent

The crops have scarcely held their own during the past week and there is talk of heads beginning to turn white, but half-inch of rain today helps the situation. More rain is needed to fill the heads. Gardens are good but pastures are rather dry.

NORTH-WEST

Beaverlodge, Dominion Experimental Sub-station

Weather mostly continues dry with a few sprinkles. Hail storm at Grimshaw cleaned six by ten miles. Crops poor in Grande Prairie though enduring drought surprisingly well. Situation better northwest and north. Pastures and gardens poor.

LATE REPORT

SASKATCHEWAN, NORTH-WEST

Prince, Telegraphic Correspondent

Wheat ripening, very uneven. Late sown grains and resown grains improving with the recent rains. Rainfall to date three point seventy. Weather very warm with winds, heavy overcast skies. Cutting will start August tenth and will be general by August fifteenth. Damage from drought, cutworms, grasshoppers and wind amounts to fifty per cent. Pastures improving and there should be sufficient feed for all stock.



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