By Authority of the Hon. James A. MacKinnon, M.P.,
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TELEGRAPHIC CROP REPORT

Ottawa, June 24, 1941, 3 p.m.- The Dominion Bureau of Statistics issues today the fifth 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

Crop developments across the Prairie Provinces were mixed last week, with some areas showing improvement and others deteriorating. Almost the whole of Manitoba received heavy rains during the week which combined nicely with the warm weather in promoting crop growth. The greater part of Saskatchewan and southern Alberta suffered from high temperatures without accompanying rains. In the Moose Jaw, Swift Current and Shaunavon areas where moisture supplies were already insufficient, the wheat crop has been heading short and has been burning with the heat. Rains are urgently needed in these areas to assure even small yields. Elsewhere in Saskatchewan, reserve moisture supplies have been drawn upon and deterioration has not yet set in. Extreme temperatures in southern Alberta have caused some burning and have resulted in moisture reserves being heavily drawn upon. On the other hand, the Edmonton and northern Alberta districts which were suffering from drought earlier in the season received heavy rains last week, and temperatures were around normal. Crops in these areas are now making good progress. Grasshoppers in Manitoba and southern Saskatchewan have been emerging more rapidly with the warm weather. Some leaf rust has developed in central Manitoba, although no stem rust has yet been observed.

Manitoba

Practically all of Manitoba received an inch or more of rain during the past week, with the exception of the extreme south-eastern and north-western districts. A high windstorm on June 18 caused some damage to buildings. Higher temperatures, together with the rains, have brought the crops along more rapidly, and most of the wheat is in the shot-blade stage. Hot-weather crops including corn and gardens have come along well during the week, and sugar beets are getting a good start in the Winnipeg-Portage la Prairie area. The warm weather has accelerated the hatchings of grasshoppers, particularly in the districts north of Winnipeg and around Portage la Prairie. Leaf rust has been reported in the Brandon area, but no stem rust has been observed to date. For almost the whole of the province wheat and other crop prospects are very favourable for this time of year. In the Swan River district, however, crops have been going backward in the hot weather for want of rain.

Saskatchewan

Only south-eastern Saskatchewan, and an area in the extreme north-west received any rain of significance last week. Temperatures were high, and in the districts where the rainfall has been light this season, the crops have suffered rather severely. This situation applies particularly to the area from Moose Jaw to north and west of Swift Current and south to include the Shaunavon and Cadillac districts. In this area the wheat is heading out short and drying up with the heat. At best only light yields are now expected. Elsewhere in the province, the crops did not deteriorate during the week although moisture reserves were drawn upon heavily. Soaking rains would be welcome over the whole of the province to maintain the wheat stands and to bring along the coarse grains. Hail damage occurred in several districts in the south-eastern part of the province. Grasshoppers have been hatching more freely in southern districts, although no damage is yet evident from this source. Wireworms have taken somewhat more than their usual seasonal toll. Live stock are in good condition, but pastures as well as crops are in need of rain in the prairie areas.

Alberta

Heavy rains during the past week in the Edmonton and north-central districts, with lighter showers in adjacent areas, have improved crop prospects generally throughout northern Alberta. Only light scattered showers were received in central Alberta and precipitation was negligible over most of the southern sections. High temperatures and warm, drying winds are rapidly exhausting moisture supplies in the southern and central districts and rain will be needed very soon to support the heavy crop growth. Moisture supplies are still below requirements in the east-central area where early wheat is heading out short. Rapid growth of all crops has resulted from the warmer weather and early wheat has entered the shot-blade stage in all districts of the province. Some hail damage is reported from the Lacombe, Bowden and Didsbury areas but injury to crops was slight. Early losses from cutworms and wireworms have been counteracted by heavy stooling and the recovery of the injured plants. Pastures and live stock are generally in good condition.

Precipitation and Temperatures in the Prairie Provinces

Crop District	Station	Precipitation: Week ending 8 a.m. June 23	Precipitation: Total since April 1	Precipitation: Normal since April 1	Mean Temperature: Week ending June 23 Actual	Mean Temperature: Week ending June 23 Normal
Manitoba						
1	Pierson	1.36	10.87	5.18	66	61
	Waskada	1.10	6.90	5.45	67	63
2	Boissevain	.98	8.73	5.22	68	62
	Ninette	.74	7.58	5.73	67	62
	Pilot Mound	.92	9.37	5.85	68	63
3	Emerson	2.20	9.60	4.76	74	63
	Morden	1.28	7.18	5.52	71	63
	Graysville	.90	7.08	5.70	70	62
	Morris	1.20	6.78	5.19	70	63
	Portage la Prairie	1.44	9.04	5.16	73	63
4	Winnipeg	.93	6.59	5.81	70	64
6	Sprague	.40	4.83	5.75	68	61
	Pinawa	.22	2.76	4.05	70	61
7	Virden	1.68	8.80	4.56	68	61
	Rivers	1.38	9.13	5.17	68	61
8	Brandon	1.60	7.98	5.20	69	61
	Cypress River	1.06	9.76	5.14	70	62
9	Minnedosa	1.19	7.21	5.15	67	62
	Langruth	.88	4.20 1/	-	69	-
10	Dropmore	1.22	4.48	4.83	65	60
	Russell	1.00	5.58	4.88	66	60
	Birtle	1.44	6.46	4.89	66	60
11	Dauphin	.90	4.93	4.20	71	61
13	Swan River	.12	4.76	4.84	67	59
	The Pas	.19	3.44	3.63	67	61
Manitoba Average		1.05	7.08	5.08	69	62
Saskatchewan						
1A	Carlyle	.08	5.30	5.38	67	59
	Estevan	.68	7.43	5.19	68	61
1B	Broadview	N.R.	5.68 1/	4.51	66	59
	Moosomin	.38	5.70	4.62	70	61
2A	Yellow Grass	.89	5.78	4.99	66	61
	Midale	.72	5.70	5.43	66	61
2B	Moose Jaw	.43	3.88	4.99	68	62
	Regina	.61	3.92	4.82	67	60
	Qu'Appelle	.28	3.81	5.81	63	61
	Indian Head	.34	4.32	5.61	67	60
	Francis	.88	4.44	4.10	66	60
3AN	Chaplin	.06	2.01	5.38	62	62
	Gravelbourg	.32	3.31 1/	4.56	64	62
3AS	Assiniboia	.28	6.13	4.30	64	63
	Ceylon	1.08	4.90	6.34	N.R.	61
3BN	Swift Current	.11	1.83	4.94	66	62
	Hughton	nil	1.16 1/	4.77	66	59
	Pennant	nil	3.16	5.49	66	60
3BS	Aneroid	.14	2.20	5.16	62	60
	Cadillac	.04	2.16	6.50	66	60
	Val Marie	N.R.	2.46 1/	4.67	N.R.	62
	Shaunavon	.18	3.22	4.15	64	60
	Instow	.16	2.98 1/	4.38	64	61
4A	Maple Creek	nil	4.30	4.79	N.R.	60
	Consul	.22	4.01	4.31	62	59
4B	Roadene	nil	4.05	4.78	64	59
5A	Yorkton	.38	3.87	4.65	69	59
	Hubbard	trace	3.38	4.48	65	58
	Leross	.16	4.26	5.03	65	58
5B	Kamsack	trace	4.13	3.85	67	58
	Foam Lake	.12	2.43 1/	4.68	68	58
	Lintlaw	.10	4.44	4.68	66	57
	Wynyard	.06	4.57	-	68	58
6A	Davidson	.04	2.44	4.13	70	60
	Nokomis	nil	3.02	3.60	67	58
	Semans	.14	4.54	3.20	68	59
	Strasbourg	.14	4.49	4.71	64	60
	Dilke	.14	1.40 1/	4.58	N.R.	-
6B	Saskatoon	.03	3.18	3.98	66	60
	Dundurn	trace	3.02	4.87	66	60
	Tugaske	.26	3.51	4.16	66	60
	Elbow	.06	4.17	4.15	66	60
	Outlook	nil	3.47	3.19	68	60
	Harris	trace	2.53	4.07	64	60

Precipitation and Temperatures in the Prairie Provinces 2/ (Concluded)

Crop District	Station	Precipitation: Week ending 8 a.m. June 23	Precipitation: Total since April 1	Precipitation: Normal since April 1	Mean Temperature: Week ending June 23 Actual	Mean Temperature: Week ending June 23 Normal
Saskatchewan (Concluded)						
7A	Alsask	nil	3.46	4.57	N.R.	58
	Kindersley	nil	3.13	3.67	N.R.	57
7B	Macklin	.08	3.16	5.08	62	57
	Ruthilda	nil	2.97 1/	-	N.R.	-
	Scott	.02	5.45	3.98	62	59
	Biggar	nil	4.31	4.40	66	59
8A	Nipawin	.08	4.36	4.76	61	58
	Naicam	nil	3.20	4.32	65	59
8B	Melfort	nil	3.33	4.11	67	60
	Humboldt	nil	3.71	3.86	66	59
9A	Rabbit Lake	.34	4.59	4.21	61	60
	Prince Albert	.02	3.69	4.40	65	60
9B	Battleford	nil	3.74	4.35	64	62
	Waseca	.30	4.20	4.40	61	59
	Lloydminster	.18	2.70	3.93	61	58
	Loon Lake	1.36	4.02 1/	5.00	62	57
Saskatchewan Average		.20	3.93	4.60	65	60
Alberta						
1	Medicine Hat	nil	3.98	4.20	66	62
	Foremost	nil	4.46	6.16	64	59
	Manyberries	.02	2.76	4.48	65	62
2	Macleod	nil	3.40	4.72	65	60
	Cowley	nil	4.10	5.82	57	-
	Lethbridge	.05	4.90	5.03	64	61
	Cardston	nil	4.50	7.73	60	57
3	Brooks	trace	3.33	4.05	67	59
	Empress	nil	2.54	4.48	67	59
	Vauxhall	N.R.	3.22 1/	3.93	N.R.	61
4	Vulcan	.08	3.75	4.97	N.R.	-
	High River	N.R.	.15 1/	6.29	N.R.	57
5	Drumheller	.13	3.74	5.04	66	56
	Hanna	1.01	3.81	5.39	63	56
	Naco	N.R.	3.28 1/	4.93	N.R.	56
6	Olds	.36	5.22	5.34	58	57
	Three Hills	1.22	6.28	4.74	60	56
	Strathmore	.10	4.23	5.11	62	56
	Gleichen	.08	3.98	4.43	62	58
	Calgary	.09	5.62	5.48	59	57
7	Coronation	.30	3.39	4.08	61	56
	Hughenden	trace	2.52	4.38	61	56
	Hardisty	.06	2.07	3.99	N.R.	-
	Sedgewick	.76	3.04	4.21	62	57
	Viking	.78	3.50	4.42	60	57
8	Camrose	.94	2.73	4.79	60	57
	Wetaskiwin	1.68	3.10	4.84	60	58
	Lacombe	1.54	6.45	5.34	59	58
	Alix	1.52	4.74 1/	-	63	-
	Penhold	.94	4.25	6.37	60	56
	Stettler	.56	3.64	5.71	61	57
9	Springdale	.80	3.72	6.02	55	56
	Jasper	.03	1.39	2.65	58	56
10	Vegreville	1.18	3.31	5.41	60	58
	Vermilion	1.08	2.84 1/	4.77	61	58
11	Edmonton	2.62	3.97	4.83	59	59
	Calmar	2.72	4.35	5.53	58	58
12	Edson	N.R.	3.10 1/	4.50	N.R.	56
13	Glendon	1.16	4.02	4.34	58	57
14	Athabaska	N.R.	2.16 1/	4.41	N.R.	58
	Campsie	2.32	4.38	4.86	58	57
15	High Prairie	3.01	6.15	4.23	57	58
	Kinuso	1.76	4.60	4.39	60	58
16	Fairview	.84	4.80	3.34	56	58
	Beaverlodge	.91	3.69 1/	3.74	57	56
	Keg River	1.07	5.43	4.00	57	58
	Fort Vermilion	.84	5.42	3.07	62	58
	Fort McMurray	.52	2.79	3.51	62	58
	Fort Smith	.24	1.42	2.53	63	56
Alberta Average		.76	3.93	4.72	59	58

N.R. No Report. 1/ Incomplete. 2/ Source: Meteorological Service of Canada.

PRAIRIE PROVINCES

REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

Brandon, Manitoba

Grasshoppers more active with hot weather and light damage reported from many districts. There has been some mortality from fungous disease which may help control if rains continue. Plant lice very abundant on shade trees and shrubs.

Saskatoon, Saskatchewan

Wireworms have as usual caused severe damage generally averaging 10 per cent or more to wheat on fallow in medium soil areas of Prairie Provinces. Especially heavy damage observed in Weyburn-Fillmore, Vanscoy-Asquith, Swift Current, Dafoe-Wynyard and Mather districts. Cutworms negligible. Some grasshopper poisoning at a few points.

Lethbridge, Alberta

Slight losses caused by cutworms and wireworms have been made up by heavy stooling and recovery of injured plants. Wheat-stem sawfly adults very abundant throughout Alberta south of Edmonton and oviposition heavy.

HAIL DAMAGE

Saskatchewan (The Saskatchewan Municipal Hail Insurance Association, Regina)

Hail damage reported in Redvers and Readlyn districts June 17 storm. At Stoughton, Creelman, Fillmore, Osage, Cedoux, Lang, Balcarres and Borden districts June 18 storm.

Alberta (The Alberta Hail Insurance Board, Calgary)

Hail reported in the Lacombe, Sylvan Lake, Bowden, Dog Pound and Didsbury districts during week. Crop too young to determine extent of damage as yet.

REPORTS FROM CORRESPONDENTS

MANITOBA

Winnipeg, Provincial Department of Agriculture

High temperatures. Considerable precipitation. Some Red River Valley points have some damage excess moisture. One severe wind storm caused damage buildings widely scattered points. Rapid growth wheat, shot blade. Haying commenced. Slow progress summer-fallowing. Heavy weed growth. Rust reported. Main grasshopper control problem north of Winnipeg. Government co-operating with municipalities in extensive control campaign leafy spurge.

SOUTH-CENTRE

Morden, Dominion Experimental Station

Frequent June rains have produced heavy growth pastures meadows and grain fields. Corn was retarded by cool dull weather but is thriving now. Weeds are numerous and vigorous. Soil moisture ample to end of June. Rain for week one point two eight inches.

Carman, Agricultural Representative

Frequent rains have supplied sufficient moisture. Heavy growth of all crops. Root systems under-developed. Hay and pasture better than usual. Due to late seeding and cool weather grain crops generally much later. Live stock in good condition. No serious insect damage reported.

SOUTH-WEST

Melita, Telegraphic Correspondent

One and half inches of rainfall since last report. Early wheat in shot blade. All crops exceptionally good, even wild hay. No damage by insects. Summer-fallow in full swing.

REPORTS FROM CORRESPONDENTS (Continued)

MANITOBA (Concluded)

CENTRE

Portage La Prairie, Agricultural Representative

Early barley heading. Grasshoppers very bad some areas. Poisoning very successful. Fallows in bad condition. Weed growth tremendous. Pastures excellent. Haying started, good crop. Sugar beet weeding started, labour scarce. Heavy thunder storms flooded low spots. High wind caused serious damage trees some buildings. Crop prospects fairly good.

WEST-CENTRE

Brandon, Dominion Experimental Farm

Temperature now generally high, benefiting corn and garden crops. Weather clear. Rainfall for week one point six two inches. Early-sown grain heading at approximately eighteen inches high. Leaf rust evident. No stem rust yet. Haying commenced.

Brandon, Supervisor of Illustration Station

June 18 Brandon to Portage. All crops very heavy in this area. Wet weather retarding work. Two inches rain at Katrime Illustration Station. June 19 Portage to Eriksdale.. One inch rainfall at Eriksdale.. Hay pasture and grain crops in interlake area good.

Woodnorth, Telegraphic Correspondent

General crop conditions satisfactory. Ample moisture. Severe storm June 18 with some hail damage especially to fall rye but area affected not extensive. Hay crop excellent.

NORTH-WEST

Dauphin, Agricultural Representative

Crop made good progress past week. Moisture conditions satisfactory. Wheat in shot blade. Few early fields headed. Haying started with better than average yields in sight. Beet webworm moths very plentiful. Pastures doing well. No wind damage here.

Russell, Telegraphic Correspondent

Ample rain and warmth producing the best results for all field and garden produce.

Swan River, Telegraphic Correspondent

Hot weather still continues and no rain since last report. Early grains on summer-fallow looking fair. All grains will be short. Must have rain soon to save late grains and pastures which are going back. Gardens not good owing to lack of rain.

SASKATCHEWAN

Regina, Provincial Department of Agriculture

Weather during past week has been considerably warmer and with the exception of points in the south-east and parts of the Regina-Weyburn area, rainfall has been very light and confined to scattered showers. Consequently there is now more variation in crop prospects in different parts of the province. Over a considerable portion of south-central Saskatchewan extending from Moose Jaw west along the main line of the C.P.R. to Gull Lake and Cabri and in the Cadillac area as far west as Shaunavon crops have suffered severely from the dry hot weather of the past week and good soaking rains are urgently needed. West of that area to the Alberta boundary and in east-central and central Saskatchewan crops for the most part are holding up well and are described as fair to good but good rains are required to prevent a decline in condition. In south-eastern, over much of the Regina-Weyburn district and in west-central and northern areas with exception of a few points on light land crops have continued to make satisfactory progress although in some of these areas also rains will shortly be welcome particularly if the present high temperatures continue. Coarse grain seeding is completed and nearly all is showing above ground. Grasshoppers are more noticeable since the warm weather and mixing

REPORTS FROM CORRESPONDENTS (Continued)

SASKATCHEWAN (Continued)

Regina, Provincial Department of Agriculture (Concluded)

stations are in operation at several southern points. Little if any actual crop damage has yet occurred. Wireworms are in evidence throughout the province and at some points in southern Saskatchewan, chiefly in the south-east, considerable damage has been reported. Live stock are in good condition but pastures are in need of rain at many points in the Prairie area.

Saskatoon, Dominion Laboratory of Plant Pathology

Short survey trips have been made around region Indian Head and Saskatoon. Browning rootrot infections are prevalent and causing moderate retardation in wheat growth on the heavier soils in some districts. Rain is needed in the Saskatoon area.

SOUTH-EAST

Manor, Telegraphic Correspondent

Very little change in crop conditions. Grain making good growth. A good rain would be welcome now. Wheat about eleven inches high. Coarse grains away to a good start. No grasshoppers showing yet. Hay crop early and good.

Indian Head, Dominion Experimental Farm

Early-sown crops well advanced. Late-sown crops backward. Hay and pasture fairly good. Good rains in south. Moisture urgently required for late crops. Precipitation during week point three five inch.

SOUTH-WEST

Swift Current, Dominion Experimental Station

Hot dry weather continues. Stubble crop six inches high, heading out and burning. Fallow crops ten to twelve inches high. Needing rain now to ensure yield not higher than eight bushels of wheat per acre. Early barley on fallow and fall rye most promising but yields of these will be light. Pasture brown. Live stock satisfactory.

EAST-CENTRE

Willowbrook, Telegraphic Correspondent

Precipitation April first to date four point one four inches. Wheat commencing to head out. Stand twenty inches. Coarse grains good average. Forage crops good average. Summer-fallow about 75 per cent done. All crops need rain but not suffering as yet.

WEST-CENTRE

Scott, Dominion Experimental Station

Area about twenty-five miles wide on each side of fourth meridian north of south Saskatchewan river has definite moisture shortage but crops holding well east to Saskatoon. There is another dry corner south and east from Houghton to south Saskatchewan river. An effective general rain last week north of township fifty-three in north-west corner of Saskatchewan.

Senlac, Telegraphic Correspondent

Hot dry weather during the past week has hindered growth. Little sub-soil moisture especially on spring worked fields. Fallowing is well advanced and haying commencing. Conditions are normal and immediate rains needed.

NORTH-EAST

Melfort, Dominion Experimental Station

Crops made excellent growth during week. Haying will start next week and yield will be good. Rain is needed on stubble land. Damage from browning rootrot slight.

REPORTS FROM CORRESPONDENTS (Continued)

SASKATCHEWAN (Concluded)

NORTH-WEST

Prince, Telegraphic Correspondent

All crops looking good. Wheat about nine inches high and in shot blade. Three point three two inches rain since April first. Last three days were very warm. Need good rain soon. Pasture good.

ALBERTA

Edmonton, Provincial Department of Agriculture

General crop conditions good. Crops benefited from general rains past week, Divisions eight to sixteen. Rain needed soon, Divisions one to five. Wheat entering shot blade. No damage.

SOUTH-EAST

Manyberries, Dominion Range Experimental Station

Warm drying wind has nearly exhausted available moisture. Crops have stooled heavily and rain needed immediately to prevent injury. Some burning has occurred. Haying now in progress with good crop of alfalfa. Range conditions good and live stock in first class condition.

SOUTH-WEST

Lethbridge, Dominion Experimental Station and Illustration Stations

Crops in southern Alberta where earlier rains were light are suffering from high temperatures of last few days which reached a June record at Lethbridge of 101 today. Satisfactory yields of alfalfa being harvested on irrigated lands.

Cardston, Telegraphic Correspondent

Weather has been hot and dry for the past week making things grow very fast and taking lots of moisture. Crop conditions are good at present but will need rain soon to keep them from deteriorating.

Vulcan, Telegraphic Correspondent

No rain since last report. Weather has turned extremely hot with winds. Crops are burning and rain needed at once. Weeds growing fast. No insect damage to date.

Claresholm, Telegraphic Correspondent

Point five nine inch rain last week. Early wheat all in shot blade. Some heads showing good length. Need more moisture as grain is very thick. All conditions good.

EAST-CENTRE

Hanna, Telegraphic Correspondent

Crops well stooled. Average height eight to fifteen inches. Some early wheat in shot blade. Three-quarter inch rain last week but not general over whole district. Need rain soon. Weather turned very warm. No damage to report. Pasture good.

CENTRE

Stettler, Telegraphic Correspondent

Point five six inch rain. Wheat stooling well and early fields in shot blade. Crop 90 per cent normal. Pastures and hay crop good. Need general rain.

Sedgewick, Telegraphic Correspondent

Only scattered showers this last week. Crop prospects are not bright as the whole district needs rain badly. Early wheat is heading out very short and cannot amount to anything unless good rains come within a few days.

REPORTS FROM CORRESPONDENTS (Concluded)

ALBERTA (Concluded)

WEST-CENTRE

Calgary, Telegraphic Correspondent

Early wheat in shot blade and all crops making good progress. Heavy stand, and rain will be needed next week. Last two days very hot.

Lacombe, Dominion Experimental Station

One point five five inches of rain during week making four point five inches for June has maintained rapid growth all crops. Sufficient moisture for present requirements but more rain required to grow and mature heavy crop, as very little subsoil reserve after ten and half months dry spell.

Edmonton, Telegraphic Correspondent

Received well over three inches rain since last report. Weather very warm and growth of all crops and pastures will be very rapid.

NORTH-EAST

Vermilion, Telegraphic Correspondent

Three-quarters inch of rain this week has maintained growth of all crops and everything is good. More rain will be needed for there is very little reserve.

NORTH

Athabasca, Telegraphic Correspondent

Point nine one inch rainfall since June 16. All crops recovering and doing well. Early wheat starting to head but also heavy second growth on early grain. Medium and late-sown crops are excellent. At present wheat 75 per cent of normal but with favourable conditions will have good crop.

NORTH-WEST

Beaverlodge, Dominion Experimental Station

Crop conditions generally improved by further showers but many points have no moisture reserve. Some burning evident in early wheat crop.

LATE REPORT

MANITOBA

NORTH-CENTRE

Teulon, Agricultural Representative

Crop conditions generally satisfactory. Weather warm and growth rapid. Rain would be beneficial. Haying commenced. Alfalfa good. Wild hay fair. Early-sown wheat 30 inches and heading. Gardens and pasture good. Grasshoppers numerous but being held in check by bait.