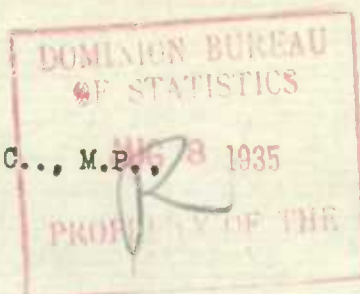


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DOMINION BUREAU OF STATISTICS - CANADA
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TELEGRAPHIC CROP REPORT

Ottawa, August 7, 1935, 4 p.m. - The Dominion Bureau of Statistics issues today the eleventh of a series of 15 weekly telegraphic reports covering crop conditions in the three Prairie Provinces. Forty 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 in Manitoba and Alberta, a number of selected private observers and grain men also co-operate in this service. The Meteorological Service of Canada, Toronto, supplies official weather data.

SUMMARY

Compared with prospects a month ago, there has been a calamitous lowering of the yields and grades of wheat in Manitoba and Saskatchewan because of stem rust. The infection struck the crop earlier than in 1916 and the crop itself was not so well advanced. Beyond any doubt, the losses will be relatively more severe than in 1916. The weather continues hot and humid in the areas already severely infected and the spread westward and northward into new districts is continuing rapidly. Saskatchewan is now infected as far west as the third meridian--roughly two-fifths of the farm land and one-third of the wheat acreage in the province. In the districts further west and north, the losses will not be as severe as in Manitoba and south-eastern Saskatchewan, but with harvest still two weeks ahead, there is, at the best, a very uncertain outlook. In the areas first affected, considerable damage to coarse grains will also result; barley will probably be the best crop because of its early maturity.

Apart from the rust-infected areas, the crops continued to make good progress. Temperatures remained high-enough to promote ripening and some good rains fell in Saskatchewan and Alberta districts where they could be of greatest benefit. Serious hail losses are again reported in the fine crops of west-central Alberta. Grasshoppers are migrating and causing limited damage. Pastures, except in small areas, are very good and feed prospects are much improved in comparison with last year.

Manitoba.-

The rust visitation is described as the most widespread as to area and types of crop affected ever known in the province. Cutting is now fairly general. but some rusted wheat is being burned and oats cut for feed. Fortunately, Durum will be a fair crop with the grade lowered. Some good rains fell during the week that were of further assistance to pastures and corn. The fine grain prospects of a month ago have virtually disappeared.

Saskatchewan.

Attention is focused on the spread of stem rust into Saskatchewan, where it is attacking some of the most promising stands in the West. Rains fell over most of the province during the week, but they were particularly heavy in the south-east, adding to the rust menace and causing crops to lodge. Little rain fell along the western border where it was needed, but the dry north-western districts had a good soaking. Crops in south-central and central Saskatchewan are still promising. In the south-west and along the western boundary, the prospects are generally poor.

Alberta.-

No rust has yet been reported from Alberta and no serious loss is expected as the southern crops are all well-advanced. A good rain covered most of the central regions that were in need of moisture but again missed the southern dry area. Heavy hail damage continues in the good crop areas. In most of the districts where stands are thick, hot weather would be more welcome than further rains.

Rust Report

The following wire has been received from the Dominion Rust Research Laboratory, Winnipeg, Manitoba:

"Heavy infestation of stem rust throughout Manitoba and eastern Saskatchewan about as far west as line passing through Indian Head and Lannigan. West of this severity diminishes so that for instance at Saskatoon infection is relatively light. No stem rust reported from Alberta."

Reports of Dominion Entomological Laboratories

Dominion Entomological Laboratory, Brandon, Manitoba.

Some grasshoppers flights infesting new areas but damage slight. Light damage by wheat stem sawfly but heavy rusted wheat is starving larvae and many are dying.

Dominion Entomological Laboratory, Saskatoon, Saskatchewan.

Grasshopper activities continue along lines previously reported. Injury by sawfly becoming noticeable.

Dominion Entomological Laboratory, Lethbridge, Alberta.

Grasshopper losses continuing to increase. No extensive migrations reported to date.

Hail Damage

Saskatchewan.-

Hail damage reported from storms of August first at Benson, Neptune, Colgate, Goodwater, Ceylon, Bengough, south of Willows and Verwood, Rosetown, and district surrounding Herschel.

Alberta.-

Claims received from storm of Sunday fourth from Edmonton, Strome, Ryley, Camrose, Edberg, Crossfield, Delburne, Huxley, Elnora, Airdrie. Severe damage.

Meteorological Report - Prairie Provinces.

The following report from the Dominion Meteorological Service, Toronto, gives rainfall (in inches) during the week ending at 7 a.m., Monday, August 5, 1935:

<u>Manitoba</u>		<u>Saskatchewan</u>		<u>Alberta</u>	
Winnipeg	0.3	Empress	0.1	Medicine Hat	-0.1
Pierson	0.3	Consul	0.1	Cardston	-0.1
Boissevain	0.3	Kindersley	0.1	Brooks	0.2
Virden	0.5	Macklin	0.2	Foremost	0.2
Portage la Prairie	0.5	Moosomin	0.5	Beaverlodge	0.3
Minnedosa	0.6	Estevan	0.5	Fairview	0.4
Emerson	0.6	North Battleford	0.6	Macleod	0.5
Le Pas	0.7	Swift Current	0.7	Lloydminster	0.9
Morden	1.0	Assiniboia	0.7	Coronation	1.0
Brandon	1.1	Melfort	0.7	Calgary	1.2
Cypress River	1.2	Yellow Grass	0.8	Drumheller	1.2
Russell	1.3	Outlook	0.9	Edmonton	1.6
Swan River	1.5	Saskatoon	1.0	Stettler	2.0
Dauphin	1.6	Elbow	1.2	Vegreville	2.4
		Shaunavon	1.3	Red Deer	2.9
		Humboldt	1.4		
		Prince Albert	1.5		
		Regina	1.5		
		Yorkton	1.8		
		Fansack	1.8		
		Moose Jaw	2.0		
		Broadview	2.0		
		Qu'Appelle	2.4		
		Indian Head	2.4		

Note: The minus signs denote less than one-tenth of an inch of rainfall.

The week was two to three degrees above normal temperature in south-western Manitoba and south-eastern Saskatchewan, in east-central Alberta and the adjoining region of Saskatchewan from Kindersley to Battleford. Southern Saskatchewan

and central regions, including Minnedosa and Brandon, were about half a degree below normal. Southern Alberta and the Peace River district were two to four degrees above normal.

REPORTS OF CORRESPONDENTS

MANITOBA

Department of Agriculture, Winnipeg.

Rust visitation most universal as to types of crop affected and area involved ever known in Manitoba. Bread wheats have not ripened so much as just died of rust. Cutting now general over wide area. Most bread wheats will not grade above three to feed because of rust and heat damage. Some wheat fields have been burned where grown and others will follow. Durum damaged and many fields will grade low. Barley probably best grain crop. Some fields quite good but late barley and late oats very rusty. Many of the rustiest oats will be fed in sheaf. Fodder corn has *grown* very rapidly lately.

Dominion Experimental Station, Morden.

Crop heavily damaged by rust. Many fields will be burned. Marquis total loss. Durum not so badly affected; will give fair yield throughout district. Barley and oats not rusted badly but will be lowered by being down.

Dominion Experimental Farm, Brandon.

Harvest has commenced on a number of farms; haying still in progress on many others. Much uncertainty regarding value of rusted wheat sheaves for feed; consequently a large acreage will be burnt off. Live stock have abundant pasturage but insect pests are unusually troublesome. Gardens producing well. Fodder corn has improved.

Telegraphic Correspondent, Melita.

Durum wheat affected by rust, also root rot. Ceres total loss. Barley badly affected by rust. Early oats good, late oats doubtful. Hay crop good. Corn doing well. Abundance of feed.

Agricultural Representative, Dauphin.

Weather remains hot with showers. Crops ripening slowly. Early oats and barley should make good yield but late oats and barley will rust badly unless weather changes. All crops rank and majority lodged badly. Some Reward wheat may be cut soon but general harvest still two weeks away.

Telegraphic Correspondent, Swan River.

Harvest will be general in about two weeks. Some slight damage by rust. Weather cooler with more wind. Crops looking well; about average. No grasshoppers or hail. Hay crops mostly gathered with good quality and fair quantity. Gardens are good. Pastures all good and stock in good condition. Showers over week-end making rust conditions somewhat worse.

Agricultural Representative, Teulon.

Cutting has started; badly rusted wheat and some barley. Common wheats are badly shrunk; some are not worth harvesting. Haying checked by recent rains but yield good. Oats and barley seem all right and yield is likely to be good. Pastures are still good and stock improving.

SASKATCHEWAN

Provincial Department of Agriculture, Regina.

Weather during the early part of the past week was warm and crops in some areas show deterioration. Showers and some heavy rains relieved the situation in many districts. Rust is evident throughout the south-eastern district and extends north into the east-central and west into the Regina-Weyburn districts. The infection in the south-eastern district is very severe and some of the wheat especially the bread wheats will suffer very heavy damage and some will be a total loss. Durum wheats will suffer to a lesser extent. The damage in Regina-Weyburn district and in the east-central area is problematical, much depending on the weather and the earliness of the field as the late crops will suffer considerable loss. Crops in most parts of south-central, central and north-eastern Saskatchewan continue to show fair to good promise on the whole. In south-western and west-central Saskatchewan the general crop outlook

has not materially changed, grain crops ranging from fairly good to practically an entire failure. In this area, the crop at some points is being cut for feed, particularly in the south-western portion and in the area along the western boundary of the province. Recent rains were very welcome to crops in north-western Saskatchewan and prospects should show some improvement.

Dominion Experimental Farm, Indian Head.

Rust menace gradually spreading over Saskatchewan wheat fields. Rust infection extends to the third meridian. Heavy rains during week flattened crops in some areas. Rye harvest in progress. Pastures improving.

Dominion Experimental Station, Swift Current.

Weather has been cooler with frequent local showers. Ample moisture now for all crops. Early seeded grain ripening. No hail since last report; traces of rust visible where growth of grain heavy. Pastures good. Live-stock condition good. No damage from grasshoppers.

Supervisor of Illustration Stations, Swift Current.

Herbert district one and quarter inches rain last week; sufficient moisture to fill grain. All grain affected by heat and dry weather during July. Crops on fallow will still give fair yields; those on stubble land are light and patchy. Most of wheat in firm dough. Fall rye harvested. Barley harvest will start in a few days. Grasshoppers working in some fields.

Dominion Experimental Station, Rosthern.

General rain totalling one and three quarters inches on first and second will revive crops and pastures which had been suffering severely from drought. Prospects for average yields still fair. Some early oats cut. Cutting reported due to sawfly damage in parts of district.

Dominion Experimental Station, Scott.

A spotty general rain amounting to one-tenth to almost an inch at various points had its effect practically lost by strong winds two days later. This will not materially affect light crop on western edge of Saskatchewan. Cutting will probably start in about ten days.

Supervisor of Illustration Stations, Scott.

2 1/2 inches of rain over week-end broke long dry spell but was too late to help early crops in Prince Albert, Shellbrook, Blaine Lake Districts. Barley and early wheat almost ripe with a few fields cut. Rust showing up in wheat fields.

Dominion Laboratory of Plant Pathology, Saskatoon.

Some heavy infections stem rust in north-east Saskatchewan on common wheats in Lens district. Tisdale, slight to moderate. Paddockwood, a trace. Shellbrooke, moderate plus. Wheat in dough stage; some later. Injury from rust may be severe in some cases. Oats throughout the north are quite free from rust but late. Trace to slight infections of stem rust on barley but most ready to cut. Smut diseases mostly slight. Impossible to determine general damage caused by rootrots but no conspicuous cases observed or reported. Suspect that where wheat retarded by browsing rootrot rust injury will be severe. This applies chiefly to districts east and north-east of Saskatoon and in the south-east and central zones of the province.

ALBERTA

Dominion Range Experiment Station, Manyberries.

Early wheat is maturing very quickly on account of high winds. Harvesting will commence within a week. Rain is needed for late crops. Haying is general now with fair crops. Second cutting of alfalfa is being taken off. Pastures are beginning to burn once more.

Dominion Experimental Station and Supervisor of Illustration Stations, Lethbridge.

Crop prospects in the Lethbridge district are not very promising. Fallow crops will give a fair yield but those on stubble are generally a failure. In the southern part of the province generally, crop prospects are about the same as last week. On the irrigated projects the sugar beet crop is reported equal to last year's record crop.

ALBERTA (Concluded)

Telegraphic Correspondent, Cardston.

Only a few local showers since first of July. The grain crop here will not yield more than fifty per cent normal. Pastures also badly burned. Some slight damage also from hoppers.

Telegraphic Correspondent, Calgary.

Except where damaged by hail, crop prospects this district excellent. Moisture sufficient and early fields wheat just starting to turn colour. Heads filling well and could stand warmer weather as growth very heavy and still little late.

Telegraphic Correspondent, Stettler.

Two inches rain since last report which will be enough to ripen the crop. Late grain will benefit much by this rain. Need warm weather from now on. Some hail damage last night. Pasture good. Good crop hay.

Dominion Experimental Station, Lacombe.

Cool week with showers on five days to total two inches. All crops have very long straw and long heads which are filling well. A little lodging but no other damage. With 17.4 inches precipitation sufficient moisture to mature crop but dry hot weather needed for ripening.

Telegraphic Correspondent, Edmonton.

Crop conditions continue fairly good. Past week considerable rainfall, but fairly steady growth. Wheat well headed and looks good. Also oat crop fairly well headed. All grains however quite green. Good pastures and hay crop. No hail damage in immediate Edmonton district. Clear and warm today.

Telegraphic Correspondent, Athabasca.

Weather conditions have held up summer fallow and haying. Hail over week-end causing damage to eastern and southern districts. Wheat all in head. Coarse grains coming into head. Crops fairly good but good weather necessary to ripen crops.

Telegraphic Correspondent, Vermilion.

Fine weather, rain and hail this week. Hail damage 40 per cent at some points. Moisture enough for filling grain and for feed and gardens. Crops on the line are poor to fair but excepting the hail spots crops are good but late north of here. Crops should average 60 to 70 per cent.

Dominion Experimental Sub-station, Beaverlodge.

Excepting some low land and white soils crops excellent but a fortnight or more late and maturity problematic. A little harvesting reported in River Valley south of Berwyn but none on Plateau for some time and little likely in August. Excessive moisture. Hot weather badly needed.



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