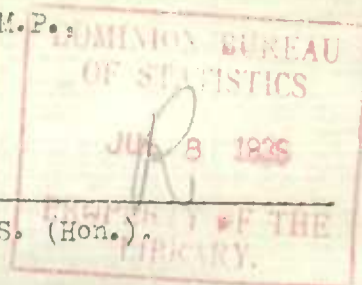


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DOMINION BUREAU OF STATISTICS - CANADA  
AGRICULTURAL BRANCH



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### TELEGRAPHIC CROP REPORT

Ottawa, July 7, 1936, 4 p.m. - The Dominion Bureau of Statistics issues today the seventh of a series of 15 weekly telegraphic reports covering crop conditions in the three Prairie Provinces. Fifty 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

With temperatures far above normal and precipitation almost lacking, except in northern Alberta, the decline in western crop prospects continued without interruption during the past week. Severe drought conditions extend westward over a wide area from south-eastern Manitoba to the southern foothills of Alberta, having the greatest width in western Saskatchewan. Practically all of Manitoba is included in this drought area, excepting parts of the Red River Valley and extreme northern districts. The north-eastern and east-central areas of Saskatchewan have fair prospects as yet, but the remainder of the province shows a steady decline. A large southern and east-central area of Alberta is drought-stricken, but further north and in west-central Alberta, heavier June rains were received and crops are holding up well under the hot weather. Grasshoppers constitute a real menace in Saskatchewan and south-central Alberta if hot, dry weather continues. Stem rust is developing and the area of infection has extended into south-eastern Saskatchewan, where a trace was found on July 3. In the southern Red River Valley of Manitoba, a trace occurs on approximately 20 per cent of the stems and the infection lessens to the north and west. Hail damage of the week was confined to extensive losses in central Alberta.

#### MANITOBA -

The past week was hot and rainless so that the decline in crop conditions continued unabated. Distressing conditions are reported from the southern and western portions of the province, with crops and pastures withering rapidly. Further north and in parts of the Red River Valley, prospects are better, but over practically the entire province, rain is urgently needed. The crops will decline rapidly under prevailing temperatures and feed shortages are probable if rainfall is delayed. Insect damage was slight during the week apart from cutworm losses in the Mowbray district. Stem rust infection is prevalent throughout Manitoba as far north as Dauphin. The southern end of the Red River Valley, as usual, was affected first.

#### SASKATCHEWAN -

The hot, dry weather continued during the past week and drought damage was intensified and extended. The worst areas are in the south-east, south-west, west-centre and north-west, where the crops are poor and suffering further declines with each rainless day. Feed and seed will again be a problem in many districts, unless liberal rains fall very soon. In east-central and north-eastern Saskatchewan, crops are better at present, but rain is urgently needed to ensure crops. The hay crop is light and pastures burning in these areas. Traces of stem rust have been found at Weyburn. The weather has been highly favourable to grasshopper development throughout the province and the maturing crop may still suffer material loss, in the opinion of entomologists. There was no hail damage of any account during the week.

#### ALBERTA -

Extreme heat, high winds and lack of effective rain have caused a further decline in crop prospects in southern and east-central Alberta. Grain crops have been seriously and permanently injured over most of this territory and rain is urgently needed to prevent a serious shortage of pasture and winter feed. From Carstairs north, in the western section of the province, the crops look better as a result of heavier June rains. The north-eastern district received showers during the past week and prospects were maintained. In the district around Edmonton and north of that city, crops are still promising but more rain would be welcome. The Peace River country has been favoured with exceptionally heavy June rains and further showers this month have kept crops growing nicely.

# REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

## Dominion Entomological Laboratory, Brandon

Some cutworm damage in Mowbray district otherwise no further insect development since last report.

## Dominion Entomological Laboratory, Lethbridge

Grasshoppers causing losses in south-central Alberta from Delia to Provost. Sugar beet webworm causing injury to beets on Lethbridge northern. Extreme drought aggravating all insect depredations.

## Dominion Entomological Laboratory, Saskatoon

Continued high temperatures and drought throughout province highly favourable to grasshopper development and movement tending strongly towards material eventual loss of maturing crop, even in lightly infested districts, the amount in each community depending largely upon the degree in which recommended methods of strip working and poisoning the summerfallow have been generally and effectively carried out.

### HAIL DAMAGE

#### Saskatchewan

No hail damage of any account during past week.

#### Alberta

Hail claims received from Ranfurly, Innisfree, Daysland, Zillam, Fabyan, Alliance, Kneehill Valley, Wimborne, Elnora. Damage quite extensive.

### RUST REPORT

## Dominion Rust Research Laboratory, Winnipeg

Stem rust is prevalent throughout Manitoba as far north as Dauphin. In Red River Valley a trace occurs on approximately twenty per cent of stems of common wheat; further north and west on from five to ten per cent of stems. In Saskatchewan a trace was reported at Wayburn on July 3, but none between there and Indian Head.

### METEOROLOGICAL REPORT, PRAIRIE PROVINCES

The following precipitation (in inches) was reported by the Dominion Meteorological Service, Toronto, for the week ending Monday, July 6, at 7 a.m.:

<u>Manitoba</u>		<u>Saskatchewan</u>		<u>Alberta</u>	
Minnedosa	~ 0.1	Aneroid	~ 0.1	Medicine Hat	~ 0.1
Winnipeg	~ 0.1	Carlyle	~ 0.1	Gem	~ 0.1
Birtle	~ 0.1	Lintlaw	~ 0.1	Taber	~ 0.1
Dauphin	~ 0.1	Maple Creek	~ 0.1	Brooks	~ 0.1
Emerson	~ 0.1	Midale	~ 0.1	Cardston	~ 0.1
Swan River	~ 0.1	Regina	~ 0.1	Lethbridge	~ 0.1
Morris	0.1	Assiniboia	~ 0.1	Calgary	0.1
Ninette	0.1	Broadview	~ 0.1	Naco	0.1
Pinawa	0.1	Estevan	~ 0.1	Drumheller	0.1
Boissevain	0.1	Melfort	~ 0.1	Edson	0.2
Thorson	0.1	Yellow Grass	~ 0.1	Hughenden	0.2
Russell	0.1	Battleford	0.1	Macleod	0.2
Virden	0.1	Moose Jaw	0.1	Wetaskiwin	0.2
Sprague	0.4	Elbow	0.1	Stettler	0.3
Le Pas	0.9	Kindersley	0.1	Jasper	0.4
<u>SASKATCHEWAN - (Concl'd.)</u>		Shaunavon	0.1	Fort Vermilion	0.4
Prince Albert	0.3	Yorkton	0.1	Edmonton	0.6
Rabbit Lake	0.3	Swift Current	0.2	Olds	0.6
Strasbourg	0.3	Qu'Appelle	0.2	Sedgewick	0.7
Lloydminster	0.4	Biggar	0.2	Beaverlodge	0.8
Meadow Lake	0.5	Rosthern	0.2	Red Deer	0.8
Kamsack	0.5	Humboldt	0.2	Fort McMurray	1.0
		Indian Head	0.2	Viking	1.0
		Macklin	0.2	Vegreville	1.0
		Moosomin	0.2	High Prairie	1.6
		Saskatoon	0.2	Keg River	1.7
		Outlook	0.2	Fairview	1.8
				Minus	2.0

Minus signs denote less than the amount of rain indicated).

Vauxhall, Valmarie, Manyberries, Graysville, Empress, Cypress River and Morden reported no rain during the week.

Traces of rain fell at Brandon, Portage La Prairie, Consul, Raymond, Coronation and Foremost.

Mean temperatures for the week generally above normal except in Northern Alberta.

Differences in degrees from normal mean temperature for the week follow:  
Manitoba - 1 degree above normal - Districts 4, 5, 9; 2 degrees above normal - Districts 3, 6, 8, 10, 11, 12, 13, 14; 3 degrees above normal - Districts 1, 2; 4 degrees above normal - District 7.

Saskatchewan - 2 degrees above normal - Districts 8, 9; 3 degrees above normal - Districts 5, 6, 7; 4 degrees above normal - Districts 1, 2; 5 degrees above normal - District 3; 10 degrees above normal - District 4.

Alberta - 1 degree below normal - District 17; normal - District 16;  
1 degree above normal - Districts 12, 13, 14, 15; 2 degrees above normal - Districts 9, 10, 11; 3 degrees above normal - Districts 4, 8; 4 degrees above normal - District 6;  
5 degrees above normal - Districts 2, 7; 6 degrees above normal - Districts 1, 3;  
8 degrees above normal - District 5.

#### Tuesday Morning Weather Forecast

Point twenty rain last night at Edmonton and a few very light scattered showers ranging from point nought one to point nought eight in some southern sections of Saskatchewan and Manitoba. Forecast mostly fair and moderately warm to-day and Wednesday; probably a few scattered thundershowers.

Meteorological Service of Canada, Toronto.

REPORTS OF CORRESPONDENTS

MANITOBA

Provincial Department of Agriculture, Winnipeg

Past week, mostly hot and mostly rainless, has been bad for crops, especially in southern and western portions of Manitoba. Northern fringe somewhat better off but much of province very dry. Rain of this season has been from local showers very unevenly distributed and causing considerable variation in crop outlook. Prospects suggest that harvest will be a little earlier than normal and that there will be only light straw crop. Crop now suffering from heat and drought.

Dominion Experimental Station, Morden

Weather continues very hot and dry intense heat and hot winds over week end had withering effect on all crops. Crop will be very light, heads small and tip burned. Crop prospects bad.

Dominion Experimental Farm, Brandon

Twenty days since last beneficial rain here; showers in a few districts, high temperatures. Early crop thinning out. Growth late. Crop retarded. Rains at an early date would greatly improve conditions. Wheat now headed out. Haying general with a good crop of sweet clover.

Telegraphic Correspondent, Melita

Excessive heat with only one quarter inch of rainfall. Crops on land with light or gravel subsoil done; wheat on heavier subsoil holding fair. Rain is urgently needed. Coarse grain crops very poor. Pastures drying up.

Telegraphic Correspondent, Killarney

Deterioration of crops continues due to intense heat accompanied by winds and absolute lack of precipitation and situation, while not yet hopeless, is such as to cause the greatest concern. An immediate rain might work wonders but rain will have to come very soon or failure will have to be written on this year's crop.

Telegraphic Correspondent, Minnedosa

Weather very hot and dry. All crops short. Wheat in head. Barley and oats breaking through shot blade. Early barley in head. Pastures short and dry. Flies very bad. No hail. No grasshoppers. Very little grain if it does not rain soon. Gardens poor.

Telegraphic Correspondent, Kelwood

Reasonably fair crop. Some splendid fields. On the whole, will not be a heavy crop. Recent weather dry and hot. There was a good rain June sixteenth; none since. Rain is needed now especially for late sown coarse grains. Even what is reasonably fair now will go back if there is not rain soon. Looks like rain today.

Telegraphic Correspondent, Russell

Lack of precipitation and excessive heat are causing farmers some anxiety.

Agricultural Representative, Toulon

Crops growing well, were not drowned out. Prospects for a high yield are good. Few indications of rust as yet. Stock just fair as mosquitoes are bad. Vegetable crops good except turnips which started poorly.

SASKATCHEWAN

Provincial Department of Agriculture, Regina

The weather during the past week has been hot and dry and crops in the drier areas of the province have suffered and have shown marked deterioration. Crops in the extreme south-east, the south-west, and all along the southern boundary as well as in the north-west are poor and the matter of obtaining fodder and seed may be a problem in some of these areas. Deterioration is evident in the west-central area and crops vary from poor to fair. In the central, north-eastern, and east-central portions of the

SASKATCHEWAN - (Concl'd.)

province, crops are still in good condition and show fairly good promise. In the south-central, Regina-Weyburn and south-eastern districts crops improve toward the north where they are fairly promising although rain is needed over the whole area. Crops have suffered very little damage from any source except drought during the past week.

Dominion Experimental Farm, Indian Head

Weather continues dry. All crops suffering from lack of moisture. In southern territory, crops almost total failure. Rain urgently needed to ensure crops in east-central and north-eastern Saskatchewan. Hay crop light. Pastures burning up. Highest temperature during week 96. June rainfall 2.29 inches.

Dominion Experimental Station, Swift Current

Hot dry weather has seriously injured crops. Stubble crops failure; summerfallow crops showing large brown patches. Fifty per cent wheat headed. Barley on summerfallow failure some cases. Evaporation high. June rainfall 2.9 inches. Pastures drying up. Feed shortage probable in south-west. Grasshoppers reported at Hazlet.

Dominion Experimental Station, Melfort

Half the wheat headed; oats and barley beginning to head. Last week quite hot and no rain. If rain does not come soon late crops will be light as well as early ones.

Dominion Experimental Station, Rosthern

Weather quite warm with hot winds. Moisture conditions fair but reserves being rapidly depleted. Wheat about sixty per cent headed and making good growth. Late seedings patchy. Clover and hay crops much revived by rains of previous week and haying operations are becoming general. Pastures good.

Dominion Experimental Station, Scott

Grain crops in north-western Saskatchewan continue to suffer from drought with not only premature short heading but many fields showing evidence of burning. Light scattered thunderstorms have occurred without materially improving grain but promoting weed growth in suffering crops. Pastures poor and winter feed situation already becoming serious.

ALBERTA

Dominion Range Experiment Station, Manyberries

Severe heat wave continues unabated. Hot dry winds prevail. Many early sown crops are practically ruined. Later-sown crops are standing yet somewhat better. Range grass very short and burned brown. Conditions re crops, winter feed and pasture are the worst in years. No rain has been received in the past month.

Dominion Experimental Station and Supervisor of Illustration Stations, Lethbridge

Continued high temperatures and wind have caused further deterioration of all grain crops south of Calgary. A few stubbled-in fields may give small returns but most are entirely gone. Grain on fallow is seriously injured in most districts but in a few localities especially near the foothills and on heavier soils it is holding remarkably well. On irrigated lands, farmers are making heavy demands for water.

District Experiment Sub-station Supervisor, Lethbridge - (Reporting from Calgary)

South and east of a line through Brooks, Hanna, Coronation, Consort and Overna, crops practically ruined by drought. Some feed if rain soon. Calgary to Red Deer crops good. Heavy shower Friday night in this area. Grasshoppers bad in some parts of dry section.

ALBERTA - (Concl'd.)

Telegraphic Correspondent, Cardston

No rain since last report and the stubble crops are practically gone from drought. The good summerfallow grain holding well and gives promise of fair yield but will need rain to fill. Pastures badly burned and hay crops very light.

Telegraphic Correspondent, Calgary

No rain during week. Crop deteriorating badly. Rain urgently required.

Telegraphic Correspondent, Olds

Had rain on 3rd but not general. More rain would be welcome. Crops are looking good yet in this district, except an odd field. Early-sown wheat heading out. Looks like an early harvest. From Carstairs south to Calgary, rain is badly needed.

Telegraphic Correspondent, Stettler

Hot dry weather has caused decrease in crops. A light shower at the west end of this territory but east of here crops are burning up. Must have good rain at once to save even the best of our crop. Wheat heading ~~very fast~~ and heads are ~~medium to~~ small. Pastures fair.

Telegraphic Correspondent, Sedgwick

Crops and pastures drying up with hot winds. Very serious if we do not get rain.

Telegraphic Correspondent, Edmonton

Crop conditions continue about the same as past reports. Fair rains but should have more. About five per cent wheat in head. Coarse and late grains will be only fair crop. Generally speaking, total crop will be a little below average on account of being forced by hot weather during latter part of May and June.

Telegraphic Correspondent, Vermilion

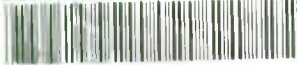
Four light showers since last report. Weather fair and warm. Need a good rain. Wheat mostly headed but short. Oats and barley look good. Wind and hail west last Friday; only slight damage.

Telegraphic Correspondent, Athabasca

Weather for past week not as hot as previous week. Showers fell for total rainfall of 0.56 inch, some districts receiving more and some less. Prospects improving. Earlier wheat heading out fifteen inches high and further rain will be required soon.

Dominion Experimental Sub-station, Beaverlodge

Almost daily showers have promoted rapid growth of crops and weeds. General prospects good though some complaints of short heads on early wheat and of rather thin ragged stands on old land summerfallow. June precipitation more than twice the normal.



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