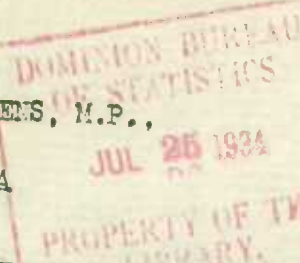


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### TELEGRAPHIC CROP REPORT

Ottawa, July 24, 1934, 4 p.m. - The Dominion Bureau of Statistics issued to-day the ninth of a series of 15 weekly telegraphic reports covering crop conditions in the three Prairie Provinces. Forty-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 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 the official weather data.

### SUMMARY

Another week of extremely high temperatures and limited rainfall caused further damage to the prairie grain crops. The drought became more severe in the areas previously affected and extended into districts where the crops had good stands. Temperatures were above normal throughout the west, excepting northern Alberta. The only effective rains of the past week fell at scattered points in Manitoba, in southern Saskatchewan, at Medicine Hat and Calgary and in the Peace River district of Alberta. There is little prospect of further rainfall in the next 36 hours, apart from possible showers in southern Alberta. The grain has now reached the advanced stage when heavy rains are needed rather than the light showers which are falling. Most of the wheat is in head, some is filling, and the earliest fields are already turning colour. Late-sown grains have thick stands in many localities and need an abundance of moisture to maintain their condition. Pastures are dry and short and unless rain falls soon, a serious shortage of winter feed will develop. Grasshoppers are migrating in great numbers but are not causing any great or widespread damage. The northern or park lands of all three provinces have promising crops of wheat, coarse grains and hay and the recent period of warm weather has been of more benefit than harm. In some central districts, damage from the frosts of early July is becoming more apparent.

Most of the wheat areas of Manitoba are suffering from drought. The northern districts are not complaining yet but report that a good rain would be welcome. Over the entire south country, heat, drought and grasshoppers continued to damage the grain crops during the past week and the feed situation has taken another turn for the worse. Pastures are dried out and hay crops very light. Some grain fields have been cut before maturity to prevent further losses from drought and grasshoppers. Wheat-stem maggots are reported to be working in the Red River Valley. A heavy, general rain would be a tremendous benefit to Manitoba.

The grain crops of southern and central Saskatchewan have deteriorated rapidly during the past week under high temperatures and limited rainfall. Rains of almost half an inch fell over most of the southern areas in the latter part of the week but they were not sufficient to stop the decline in prospects. Crops in the east-central district are starting to go back, while in the west-centre, the moisture shortage is again serious. Grasshoppers are numerous but the damage is not serious.

The prospects for fall and winter feed supplies are very poor and are causing great concern, especially in the south-east. Immediate, heavy and general rains would be a great relief to the pastures and would provide autumn pasture. Frost damage is becoming evident in some districts as a result of the low temperatures of July 6. In the northern districts, crops are still promising and if further moisture is available, good harvests may be expected.

The part of Alberta now suffering from lack of rain is south of the Hardisty line of the Canadian Pacific Railway. Rain is needed badly in many southern districts as the hot, dry and windy weather of the past two weeks has deprived the soil of the limited reserve moisture necessary for filling. On the Calgary-Edmonton line, a dry area extends from Olds north to Lacombe, but even here a good rain would ensure a fair crop of grain. As in the other provinces, the grain in some districts is showing more apparent damage from early July frosts. The country north of the Canadian National main line and extending into the Peace River district has still a fine promise. Some



districts complain of excess rainfall, while the Edmonton district now reports the need of a good rain to wet the top-soil. Grasshoppers have done very little damage in Alberta. The crops have again reached the condition of late May. A heavy rain will ensure a good harvest, but if it does not come soon, the decline will be rapid.

### Reports of Dominion Entomological Laboratories

#### Dominion Entomological Laboratory, Brandon, Manitoba.

Past week very hot and dry. Crops in southern Manitoba burning badly. Grasshoppers migrating with wind. Wheat-stem maggot has destroyed 5 to 10 per cent of wheat in some fields in Red River Valley.

#### Dominion Entomological Laboratory, Lethbridge, Alberta.

Grasshopper migrations continue into foothills area as well as into good crop stands with some damage reported. Continued dry weather will increase damage. Losses at present negligible.

### Hail Damage

#### Alberta.

One hail storm in Alberta last week; not extensive.

### Meteorological Report

The Dominion Meteorological Service, Toronto, reports the following precipitation in the week ending Monday, July 23 (in inches):

#### Manitoba

Morden	-0.1
Cypress River	-0.1
Dauphin	-0.1
Pierson	-0.2
Emerson	-0.2
Swan River	-0.2
Portage la Prairie	0.2
Russell	0.2
Minnedosa	0.4
Winnipeg	0.7
Boissevain	1.0

#### Saskatchewan

Kamsack	-0.1
Yorkton	-0.1
Saskatoon	-0.1
Battleford	-0.1
Moosomin	-0.2
Outlook	-0.2
Kindersley	-0.2
Lloydminster	-0.2
Shaunavon	0.2
Elbow	0.2
Virden	0.3
Yellow Grass	0.4
Prince Albert	0.4
Indian Head	0.5
Assiniboia	0.5
Melfort	0.5
Humboldt	0.5
Broadview	0.6
Qu'Appelle	0.8
Moose Jaw	0.9
Swift Current	1.1

#### Alberta

Stettler	0.2
Edmonton	0.3
Calgary	0.5
Medicine Hat	0.5
Fairview	1.5
Beaverlodge	1.2

Note:- The minus signs denote less precipitation than the amount indicated.

"Scarcely any rain has fallen in the western provinces during the past 24 hours and there is very little indication of any for the next 36 hours, with possible exception of southern Alberta, where there is some indication of showers to-morrow."

Telegram, Meteorological Service, Tuesday Morning.



REPORTS OF CORRESPONDENTS

MANITOBA

Dominion Experimental Station, Morden.

Hot, dry spell continues unbroken. Crops suffering badly. Cereals will be short while yield will be very light. Grasshoppers destroying crop. Many fields being cut to be saved from grasshoppers. Pastures brown and dried. Corn short. Potatoes fair. Indications point to a very light crop with shortage of feed.

Agricultural Representative, Carman.

Hot, dry weather continues. Rain badly needed. Barley cutting has started. A large percentage of crops drying up and not filling. Hoppers very numerous but damage slight so far. Feed plentiful and stock doing well.

Dominion Experimental Farm, Brandon.

Three days temperature over ninety hastening crops to maturity. One beneficial rain. All except earliest sown grain suffering severely from drought. Grasshoppers widespread; attacking late-sown and thin crop. Hay crops very light. Pastures badly dried up.

Telegraphic Correspondent, Minnedosa.

Had a few showers. Ground very dry. Need good rains very badly. Wheat will be a fair crop if we get rain. Oats short and thin. Some barley good; some poor. Hay and pasture very poor. Cattle thinner than usual. Horses fair. No hail. No frost. No grasshoppers.

Agricultural Representative, Teulon.

Weather continues hot and dry but one shower during the week. While crops are not suffering a good rain would improve conditions, particularly late grains. No rust observed as yet.

Telegraphic Correspondent, Swan River.

Crops all looking excellent. Grains all well headed and healthy. Hay crop 60 per cent cut; heavy and uniform. Clovers and alfalfa particularly good. Small fruits very plentiful. Considerable summer fallowing this year. Stock looking well. Garden products good.

SASKATCHEWAN

Department of Agriculture, Regina.

Except for odd scattered showers the weather during the past two weeks has been extremely dry and very warm and, as a result, in all the southern districts, and in some parts of the central and west-central areas, crops show marked deterioration. The effect of the heat and dry weather is especially evident in the stubble fields in this area some of which have turned brown due to lack of moisture. The urgent need of rain is emphasized in these areas, for although some fields have suffered permanent injury others would greatly improve with rain. Some parts of the east-central district also complain of lack of moisture. With more abundant moisture supply crops in the northern part of the province have generally made satisfactory progress and continue to give good promise. About 90 per cent of the wheat is in head. Some points in the Regina-Weyburn and in the south-eastern districts report damage to cereal crops from frost on the morning of July 6, but generally the damage is not apparent. Flying grasshoppers are very numerous in the southern and some of the central districts, but farmers are watching the situation closely and will cut for feed any fields which are suffering serious injury. Crops are generally reported free from crop disease. Some severe hail storms have occurred in scattered areas over the province. Pastures in the southern areas are getting bare especially in the extreme south-east where there is a serious shortage of winter feed for live stock. The extent to which the feed shortage will extend to other areas will depend upon moisture conditions during the remainder of the growing season. Live stock are generally in fair condition.



SASKATCHEWAN (Cont'd.)

Dominion Experimental Farm, Indian Head.

High temperatures and hot winds early part of week caused considerable damage to grain crops; rains latter part of week very beneficial and will delay ripening. Feed situation slightly improved. Hopper damage generally increasing. Rainfall during week 0.55 inches.

Dominion Experimental Station, Swift Current.

Prospects of early-sown crop continue good. Satisfactory yields further assured by recent heavy timely showers in some localities. Grasshoppers very numerous but not seriously damaging crops in advanced stages of growth. Later-sown crops progressing satisfactorily. Stubble crops considerably affected by recent periods of hot, dry weather.

Supervisor of Illustration Stations, Swift Current.

Willow Bunch - rainfall this month 0.69 inches. Crops suffering from drought. Stand of grain fair to light and patchy. Wheat soft dough stage. Considerable grain being cut for fodder. Lisieux - season rainfall approximately two inches. Prospects harvesting much grain doubtful. Some already cut for fodder. Grasshoppers attacking heads. Frost July 6 injured some grain.

Dominion Experimental Station, Rosthern.

Weather hot and dry with relieving rain of 0.38 inches on twentieth. Early wheat ripening rapidly and will be ready to harvest early in August. Late oats weedy. Barley promising. Pastures suffered from hot, dry weather. More rain required for late-sown wheat and oats and barley.

Dominion Experimental Station, Scott.

From all points in west-central Saskatchewan come reports of grain having suffered from heat during past week but north crops are still a healthy colour. Scattered showers have occurred over week-end followed by cooler temperatures. At this point soil moisture has practically disappeared from root area.

ALBERTA

Dominion Experimental Station and Supervisor of Illustration Stations, Lethbridge.

Hot, dry and in some instances, windy weather during past week has had marked effects upon crop and general rains are now needed to insure good filling of grain. Cutting of winter wheat has begun and early-sown spring wheat is starting to colour in Lethbridge vicinity and south.

Telegraphic Correspondent, Calgary.

Past week continued hot weather with only occasional showers. Crop still standing heat well but yields will be materially reduced unless good rains shortly. Hailed crops coming back wonderfully and will at least make good feed. Very few reports grasshoppers working.

Telegraphic Correspondent, Olds.

Past week hot, dry weather. No rain since July 3. Rain now is urgently needed. Frost did considerable more damage than was expected. Some fields show total loss. Heads are very short and will be a light crop.

Dominion Experimental Station, Lacombe.

With only one inch rain in July and following three days of high wind, crops are in very critical condition. Straw and heads short but with one good rain may fill well and produce fair crop or with a few days dry, hot winds will ripen prematurely with very light yield.

ALBERTA (Cont'd.)

Telegraphic Correspondent, Stettler.

No rain since last report. Wheat all headed. Heads are medium size but need rain to fill. Crop damaged by hail not doing well on account lack of moisture. Pastures poor.

Telegraphic Correspondent, Vermilion.

The past week has been dry but not hot and grains are doing well. A few farmers with very heavy crops don't want rain on account of lodging but most farmers think rain would help fill the heads. There are no damage reports. Hay crops are good and also gardens, but rain would be good for the gardens.

Telegraphic Correspondent, Edmonton.

Crop conditions during past week continued clear and warm. Only odd shower. Top soil getting dry and good general rain is required. Not suffering. No hail or frost damage reported.

Telegraphic Correspondent, Athabasca.

Weather mostly cool and too much rain. Rainfall for past week 1.84 inches. Warmer weather wanted for crops as well as for haying.

Dominion Experimental Sub-station, Beaverlodge.

Excepting some poor seed and scattering instances of light hail and frost Peace River crops unusually free from damage. Frequent rains promoting growth but retarding maturity. Heavy rain week-end and skies still cloudy. July precipitation Beaverlodge on thirteen days out of 31 totalling 2.09 inches; much heavier north and east.



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