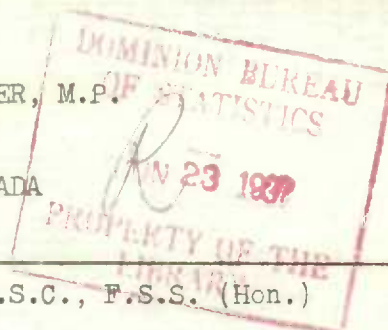


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DOMINION BUREAU OF STATISTICS - CANADA
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Dominion Statistician:
Chief, Agricultural Branch:

R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
T. W. Grindley, Ph.D.

TELEGRAPHIC CROP REPORT

Ottawa, June 22, 1937, 4 p.m. - The Dominion Bureau of Statistics issues today the fifth of a series of 15 weekly telegraphic reports covering crop conditions in the three Prairie Provinces. Fifty-four 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

With temperatures generally well above normal over the prairies during the past week, growth has been forced along rapidly in those areas where moisture supplies are adequate while crop deterioration has been correspondingly rapid over a large section where rainfall during the period was scanty or lacking altogether. General conditions continue favourable in Manitoba although slower growth would make for better results. Eastern Saskatchewan and the Peace River section of Alberta received beneficial rains which materially bettered the situation in these areas but over a large part of both provinces, crops have declined under the influence of hot dry weather. Good rains are urgently required to check further serious deterioration and to restore badly burned pastures. Should the rainfall be long deferred, yields over much of eastern Alberta, west-central and central Saskatchewan will be very low. There is now little hope of a commercial crop in southern Saskatchewan and only feed can be looked for if rains come soon.

Manitoba

Rainfall during the past week varied from light to heavy showers scattered over most of the province, with the best rains falling over the western half. Except for the northern cropland areas where more rain would be welcomed, all sections are well supplied with moisture for present needs. With temperatures well above normal, growth has been rapid and luxuriant during the past week and the outlook for all crops is favourable. Some frost damage occurred to grain crops a week ago in the vicinity of Russell but the injury was not serious. Grasshoppers are fairly abundant in the south-western section of the province and should weather turn dry, some damage would probably result. Pastures and hay crops are good and plenty of feed for live stock is assured.

Saskatchewan

Effective rainfall during the past week was confined to that part of the province lying east of a line through Prince Albert and Regina south to the border. From a three inch downpour at Estevan, the precipitation tapered off fairly sharply with the best rains recorded at points near the Manitoba boundary and north to Melfort. West of this area, the rainfall was so light as to be of little value to crops and with high temperatures prevailing during the week, crop deterioration in this area has been rapid. Very little commercial crop is in prospect in southern Saskatchewan and over much of this section only fodder can be expected even under favourable conditions. With continued drought in the west-central section, crops which were promising a week ago have lost ground and even with good rains immediately, yields will likely be low. In the east-central and northern districts, prospects continue good but elsewhere pastures are poor and the feed situation serious.

Alberta

Peace River district points received most of the rain which fell over Alberta during the past seven days. Elsewhere in the province, precipitation was of little consequence and except for the south-western section, all districts report an urgent need of rain to arrest the rapid crop deterioration resulting from high temperatures and low moisture reserves. Crops are holding up well in the area surrounding Calgary and south through Lethbridge to the United States boundary. North and east of this section however wheat is heading out short and thin with general prospects much poorer than a week ago. Good soaking rains are needed immediately to save the situation and prevent serious damage to the early sown crop. Pastures are bare and some stock are being turned on early sown grain. Showers during the past week have definitely improved the outlook in the Peace River area where with a continuance of favourable conditions, a three-quarter crop is now looked for.

REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES - PRAIRIE PROVINCES

Dominion Entomological Laboratory, Brandon, Manitoba.

Grasshoppers causing some alarm in south-western Manitoba and damage will occur if dry weather sets in.

Dominion Entomological Laboratory, Saskatoon, Saskatchewan.

Grasshoppers still hatching and development very irregular but more advanced in northern sections where adults beginning to appear. Recent hot weather has resulted in increased prominence of grasshoppers although damage slight except in localized areas in north. Severe pale western cutworm damage at Meota, Edam, North Battleford and Delmas.

Dominion Entomological Laboratory, Lethbridge, Alberta.

Pale western cutworm damage over for the season with most extensive losses in ten years. Grasshoppers becoming more active with hot weather but damage still light.

METEOROLOGICAL REPORT, PRAIRIE PROVINCES

The following precipitation in inches was reported by the Meteorological Service of Canada, Toronto, for the week ending June 21 at 8 a.m.

<u>Manitoba</u>		<u>Saskatchewan</u>		<u>Alberta</u>	
Portage la Prairie	-.1	Moose Jaw	-.1	Empress	-.1
Sprague	-.1	Kindersley	-.1	Wetaskiwin	-.1
Morris	-.1	Rosthern	-.1	Vauxhall	-.1
Emerson	-.1	Elbow	-.1	McMurray	-.1
Swan River	.1	Macklin	-.1	Foremost	-.1
Morden	.2	Rabbit Lake	-.1	Sedgewick	-.1
Cypress River	.3	Rosetown	-.1	Brooks	-.1
Dauphin	.4	Swift Current	.1	Calgary	-.1
Pinawa	.4	Strasbourg	.1	Vegreville	-.1
Le Pas	.5	Val Marie	.1	Lethbridge	.1
Winnipeg	.5	Assiniboia	.1	Cardston	.1
Boissevain	.5	Aneroid	.1	Edmonton	.1
Ninette	.6	Shaunavon	.2	Medicine Hat	.1
Pierson	.9	Maple Creek	.2	Edson	.1
Russell	1.0	Consul	.3	High River	.1
Brandon	1.1	Yellow Grass	.3	Macleod	.2
Viriden	1.3	Davidson	.3	Fairview	.3
Birtle	1.9	Prince Albert	.4	Manyberries	.3
Minnedosa	2.6	Kamsack	.4	Fort Vermilion	.4
		Naicam	.4	Beaverlodge	.5
		Chaplin	.5	High Prairie	.6
		Regina	.6	Jasper	.7
		Yorkton	.6	Kinuso	.7
		Lintlaw	.7	Keg River	.8
		Qu'Appelle	.8		
		Humboldt	1.1		
		Midale	1.1		
		Indian Head	1.3		
		Broadview	1.6		
		Moosomin	1.6		
		Carlyle	2.0		
		Melfort	2.1		
		Estevan	3.0		

Minus signs denote less than the amount of rain indicated.

The following points reported no rain during the week: Coronation, Stettler, Lloydminster, Glendon, Hughenden, Naco, Olds, Viking.

Traces of rain fell at Battleford, Drumheller, Red Deer, Outlook, Saskatoon, Biggar, Meadow Lake.

Differences from mean normal temperatures for the week were as follows: Manitoba, Five degrees above normal - district 1; six degrees above - districts 2, 4, 5, 6, 7, 8, 10; seven degrees above - districts 3, 9, 13; eight degrees above - district 12; nine degrees above - districts 11, 14. Saskatchewan, six degrees above normal - districts 3, 4, 9; seven degrees above - district 8; eight degrees above - districts 1, 5; nine degrees above - districts 2, 6; ten degrees above - district 7. Alberta, Two degrees above normal - districts 2, 4, 16; three degrees above - districts 9, 12, 15; four degrees above - districts 1, 6, 14; five degrees above - districts 13, 17; six degrees above - districts 3, 8, 10, 11; eight degrees above - districts 5, 7.

REPORTS OF CORRESPONDENTS

MANITOBA

Provincial Department of Agriculture, Winnipeg.

Past week has brought some generous showers in places and light showers in others. The more northern parts of the cropped area close to Saskatchewan have had least rain and in places are pretty dry. Growth over much of province is luxuriant. Present prospects favourable.

Dominion Experimental Farm, Brandon.

Crop conditions are uniformly good over wide areas. Late sown crops now covering ground and weather conditions unusually favourable.

Telegraphic Correspondent, Melita.

One and tenth inches of rainfall June eighteenth and nineteenth. Crop condition excellent, rapid and heavy growth of all crops. Hay prospects good. Grasshoppers abundant in patches, no damage reported. Farmers summerfallowing but are handicapped by shortage of feed oats. Prospects never better for a good year.

Telegraphic Correspondent, Russell.

Frost last Monday night varying from 1 degree up which increased in intensity farther north where the grain was all blackened. Impossible to estimate the damage if any. One inch of rain fell between Wednesday and Friday morning which is sufficient for temporary requirements. Weather conditions following ideal.

Telegraphic Correspondent, Swan River.

All grain crops are looking fine, will need rain in a few days or growth will be retarded. Clovers and alfalfa not so good but with rain will be average crop. Pastures need rain. Some indications of root rot but not serious; no other diseases and no cutworms. No hail damage. Gardens looking fine. Stock doing well.

SASKATCHEWAN

Provincial Department of Agriculture, Regina.

Crop conditions show very wide variation in different parts of the province. With the exception of the extreme south-eastern portion, crops in southern Saskatchewan and over much of the central and west-central areas have deteriorated during the past two weeks due to continued drought. Very considerable variation exists within these areas. Very little commercial crop is in prospect in the southern areas and over much of this portion of the province only fodder can be expected under the most favourable conditions. In central and west-central Saskatchewan crops would benefit materially from immediate rains and while below average, some fair commercial crops could still be realized. Good rains fell in the eastern portion of the province around June 17 and 18 and crops that in many cases had begun to show signs of insufficient moisture were greatly benefited. Generally speaking conditions over most of east-central, north-eastern and north-western Saskatchewan are fair to good although early drought conditions have reduced prospects in that portion of east-central Saskatchewan lying along the Qu'Appelle Valley and more rain would also be welcome in the extreme north-western portion of the province. Where rains fell in south-eastern Saskatchewan some farmers now intend sowing coarse grains for green feed. While prolonged drought has been the chief factor in crop deterioration, grasshoppers are plentiful particularly in west-central and north-western Saskatchewan. However control measures are being taken with good results. Lack of feed and dry condition of

SASKATCHEWAN (Con.)

Provincial Department of Agriculture, Regina.

the soil have retarded summerfallowing in southern Saskatchewan. In eastern and northern part of the province however fairly good progress has been made. Taking the province as a whole, about fifty per cent of summerfallowing has been completed. Pastures are in extremely poor condition in drought affected areas and in some cases live stock have been turned into the crops.

Dominion Plant Pathological Laboratory, Saskatoon.

According to reports and specimens received for examination, browning root rot prevalent in the fallow wheat crop in many districts in northern central Saskatchewan including Zealandia, Scott, Hague, Melfort and Aberdeen. Appears most severe in the north-east. Characteristic of this particular root rot to cause delayed ripening. Dry weather will cause similar symptoms confusing field diagnosis of many cases. Common root rot moderate in a few samples received. Would expect some injury from these diseases especially the former. Very favourable conditions would reduce possibilities of damage. No reports on other cereal crop.

Dominion Experimental Station, Rosthern.

Precipitation for week point 04 which was of no value. Temperatures high with considerable wind. Tame hay total failure. Grain on stubble land suffering severely and all crops need rain. High land pastures drying up. Grasshoppers causing little damage so far though reported in different parts of district.

Dominion Experimental Station, Scott.

Grain crops which appeared promising a week ago have gradually lost ground during the past week of hot dry and windy weather and unless rain is received in a few days, there will be very low yields in west-central Saskatchewan. Hay crops practically ceased growth and pastures burning up.

Dominion Experimental Farm, Indian Head.

General crop conditions improved over weekend. Areas in south need further rains. Fallow wheat picked up and will produce fair returns. Early varieties heading. Oats and barley will produce feed. Pastures improved. Rainfall during week one decimal three five. More rain required.

Dominion Experimental Station, Swift Current.

Weather and soil very dry. Hot dry winds of past two days very injurious to remaining crop. Total June rainfall .39 inches. Grasshoppers very active doing severe damage in small areas. Some poisoning been done. Numerous sawflies emerging. Pastures still bare. 40 per cent coarse grains not emerged.

Supervisor of Illustration Stations, Swift Current.

Limerick district, no effective rain this spring .21 inches on Wednesday, total to date .44 inches. Stand of grain short and patchy, wheat in shot blade. Unless rain comes soon not much prospects of any grain worthwhile. Fall rye a failure. Some damage from soil drifting on large fields. Grasshoppers hatching but no damage noticeable. Pastures short and dry. Very little summerfallowing done. Kincaid, light shower Wednesday, total rainfall this season .77. More moisture urgently needed. Stand of grain short and uneven, most wheat in shot blade, fall rye not worth cutting. Crops damaged by soil drifting on some fields. Grasshoppers hatching, infestation not heavy. Pastures poor. Not much summerfallowing done yet.

Dominion Experimental Station, Melfort.

One point seven six inches rain Thursday and Friday. All crops doing well. Grain recovered from browning. Crested wheat and brome all headed.

Telegraphic Correspondent, Senlac.

Crop conditions are decidedly worse since last report. Lack of moisture and hoppers chief factors. Early sown wheat headed out and six inches high. Hoppers responsible for fifteen per cent damage. No rain since last report. Total for season 2.38. Need rain immediately to ensure growth of late crops.

SASKATCHEWAN (Con.)

Telegraphic Correspondent, Rosetown.

Crop growth practically nil on lighter soils, crop drying up and yield will be light even with good rain. Crop on heavy land still has chance for sixty per cent crop but rain must come soon and conditions be very favourable. Rain last week .06 on seventeenth.

Telegraphic Correspondent, Yellow Grass.

Crops are gone. Pastures are burnt up. Stock are getting thin, some farmers are moving them north to better pasture. If no rain in the next day or two all stock will have to be moved out. Rain up to date eighty-four of inch. No hay crop here.

Telegraphic Correspondent, Radville.

Ninety per cent wheat in shot blade, average height four and half inches. All crop almost a total failure due to severe drought and dust storms. Feed situation serious as pastures are dried up. Feed will have to be shipped in at once or stock moved. Rain since last report point 60 inch shower.

ALBERTA

Dominion Range Experiment Station, Manyberries.

A heavy shower of rain on Wednesday has added one-third of an inch to the June supply of moisture up to this date. Strong fresh breezes have increased evaporation but they have been quite cool and crops are growing well. Some early crops are in shot blade while the late seeded crops are now up only a few inches. The main grasses are heading and flowering. Summer range outlook appears favourable.

Dominion Experimental Station, Lethbridge.

Crop conditions in immediate Lethbridge district and west to foothills quite satisfactory but eastward to Saskatchewan border moisture conditions less favourable. Grass on range much improved but more rain is urgently needed soon, especially in eastern areas. Sugar beets on irrigated land in good condition and thinning practically completed.

Telegraphic Correspondent, Calgary.

Good scattered showers during past week with higher temperatures and clear weather over weekend and today. Crops making good progress with sufficient moisture for week or two but more moisture will be needed then. Practically no additional damage reported this week.

Telegraphic Correspondent, Olds.

No rain during past week. All grains made good progress. Weather hot, sufficient moisture yet. Some early sown wheat coming into shot blade, height from 6 to 12 inches.

Dominion Experiment Station, Lacombe.

Dry heat week with high winds has completed ruin of May crops. Pastures very short. All grain crops deteriorated during week. Early seeded wheat heading at about ten inches high, only about two stems to a plant, heads very short. Late seeded crops would still respond to good rains.

Telegraphic Correspondent, Hanna.

No rain during past week. Everything needs rain. Grasshoppers are doing some damage. Early grain heading out short and very thin. All crops need lots of moisture. No subsoil moisture.

ALBERTA (Con.)

Telegraphic Correspondent, Stettler.

No rain since last report. Crop burning up very fast. Unless we get a good soaking rain this week our crop will only be a half crop or less. Pastures are poor. Early wheat heading in some places.

Telegraphic Correspondent, Sedgewick.

Hot dry winds. Unless it rains soon there will be very little crop. Late sown wheat will make half crop with rain. Stock being turned on early sown grain. Conditions serious.

Telegraphic Correspondent, Athabasca.

Weather for past week warm, cool at night. A few localities helped by local showers. Earlier sown wheat heading out about nine inches high forced by dry weather and warm winds. Generous rains necessary. Prospects poor.

Telegraphic Correspondent, Vermilion.

Wheat is in shot blade or heading out and drying up. With immediate rain we could not expect half a crop although some late wheat and oats could make something. Pastures are burning up and gardens are dry.

Telegraphic Correspondent, Edmonton.

Crop conditions are getting poorer. No rain to mention during past week. Early sown wheat being forced into head, from eight to ten inches high. Later sown fields at a standstill. Some rather hot days but no high winds. Pasture poorest in years.

Dominion Experimental Sub-Station, Beaverlodge.

Extremely spotty showers have greatly improved crops some districts leaving conditions fair to poor in others. Beaverlodge precipitation of 0.60 included one-half inch rain to which crops have responded well. Combined effect of wind wireworms and drought showing up more generally than at first appreciated. Fair chance for a three-quarter crop.

Supervisor Experiment Sub-Station, Lethbridge, report from Stettler.

Crop report Drumheller good but dry Hanna, Youngstown. Cessford dry but holding. Wheat six to eight inches high some heading. Gadsby, Botha, Stettler burning. Lower leaves brown. Early crop in shot blade, at eight to ten inches. Late crops holding.

LATE REPORTS

Telegraphic Correspondent, Killarney, Manitoba.

Showers totalling point six five and much warmer weather during the past week have materially assisted in forcing the crop too rapidly and fields in the shot blade are common with Reward wheat almost in full head. The greater part of the crop at present lacks the desired healthy deep green colour. No sign of rust infection as yet. Aphids very prevalent on trees.

Dominion Experimental Station, Morden, Manitoba.

All crops thriving. Corn growing rapidly now. Early wheat coming into head. First cut alfalfa is down and good yield. Grass hay best stand in years and largely compensates for lack of sweet clover. Moisture conditions favourable. Cereal prospects good.



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