

C.R. No. 10  
1940Dominion Statistician:  
Statistician:22-002  
no. 10  
1940  
July 9  
c. 2Authority of the Hon. J. A. Macdonald, M.P.  
Minister of Trade and Commerce  
UNION BUREAU OF STATISTICS - CANADA  
AGRICULTURAL BRANCH

\$2.00 per year.

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## TELEGRAPHIC CROP REPORT

Ottawa, July 9, 1940, 3 p.m.- The Dominion Bureau of Statistics issues today the seventh 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

Rainfall over the Prairies during the past week varied considerably. Manitoba received light to moderate rains and moisture supplies in Alberta were generally sufficient to maintain the favourable crop prospects. In Saskatchewan, however, rainfall was quite light and in many sections of the province deterioration of crops took place. In Manitoba the crop is well headed with stands varying from fair in the northern part of the province to good in the southern sections. In Saskatchewan about half the wheat is in head with the best stands located in south-central, south-western and west-central areas. Heading has started in Alberta. Crops in the south have deteriorated and in the extreme south-east grasshoppers have destroyed most of the stubble crop. Hail damage was reported from scattered points in Manitoba, southern and central Saskatchewan and in central Alberta. To carry the crop through to maturity, adequate moisture supplies will be required during the next two weeks or serious deterioration will take place in many areas, particularly where reserve moisture has been heavily drawn upon. Unless good rains are received in northern Manitoba, in the Regina-Weyburn and central areas of Saskatchewan and in southern Alberta the total out-turn will be considerably reduced as compared with the more favourable prospects of two weeks ago.

Manitoba

Although temperatures throughout the province were considerably higher during the week, light to moderate rains aided in maintaining crop prospects. The crop outlook in southern Manitoba continued to be good as further moisture supplies were received. However, more rainfall will be needed to carry the crop to maturity and to ensure filling. Wheat stands are about medium with the crop well headed. In central Manitoba conditions are not as favourable and good rains are greatly needed to improve prospects. There has been little change in crop conditions in northern Manitoba. The warm weather of the past week greatly speeded up growth and moisture supplies were heavily drawn upon. Hail occurred at several points and caused moderate local damage.

Saskatchewan

A week of warm, dry weather caused serious declines in crop prospects in many sections of the province. The most serious deterioration has taken place in parts of south-eastern Saskatchewan, in the Regina-Weyburn district and in central Saskatchewan where subsoil moisture conditions were poor at the commencement of the season. At several places in these areas total crop failures and extremely light yields are inevitable. In the extreme south-eastern, south-central, south-western, west-central and north-eastern sections of the province, crops range from fair to good. Within the east-central and north-western districts, however, there is considerable variation due to the scattered nature of precipitation received during the past month. More moisture is needed in the better crop areas to maintain present prospects. For the province as a whole about ninety per cent of the wheat has reached the shot blade and about forty-five per cent is in head. Further grasshopper damage has occurred in south-western Saskatchewan and losses are also reported from other scattered districts. During the past week claims for hail damage were received from points in south-central, south-western and central Saskatchewan. Pasture conditions have deteriorated with the dry, warm weather and in many districts light yields of forage crops are anticipated.

Alberta

Beneficial rains were received over most of the province during the past week and were generally sufficient to maintain the favourable crop outlook. In the extreme south and in the Peace River district precipitation was light and good rains are needed to build up moisture reserves. Some areas in the west-central and north-eastern districts, which lacked moisture earlier in the growing season, have benefited greatly by recent rainfall but more rain is needed to bring on the short-strawed crop. Wheat is well into the shot blade stage with generally good stands. In the south, wheat is heading out while early wheat is beginning to head at some points in the north. Most of the stubble crop in south-eastern Alberta has been destroyed by grasshoppers but damage elsewhere has been very light. A serious infestation of wheat-stem sawfly is indicated with widespread flight from Stettler southward to the border. Says grain bug is reported penetrating wheat fields at some points in the south. Some hail damage occurred during the week in local areas in central Alberta. The hay crop is fair to good with cutting general in the south.



Precipitation and Temperatures in the Prairie Provinces

Crop District Station		Precipitation			Mean Temperature	
		Week ending	Total since	Normal since	Week ending July 8	
		8 a.m. July 8	April 1	April 1	Actual	Normal
Manitoba						
1	Pierson	.40	7.70	6.36	67	65
	Waskada	.96	9.47	7.13	68	66
2	Boissevain	1.30	7.91	6.40	68	66
	Ninette	1.24	8.79	7.01	70	65
	Pilot Mound	.16	7.69	7.43	68	66
3	Emerson	Nil	5.28	6.13	71	66
	Morden	.06	7.10	6.98	71	66
	Graysville	.32	5.55	7.24	70	66
	Morris	.32	7.64	6.59	68	66
	Portage la Prairie	.26	6.69	6.58	71	65
4	Winnipeg	.27	7.83	7.33	68	67
6	Sprague	.10	3.54	7.26	64	64
	Pinawa	.96	4.68	5.23	65	64
7	Virden	.30	5.67	5.86	70	63
	Rivers	.36	4.82	6.63	69	64
8	Brandon	.48	5.57	6.64	68	65
	Cypress River	.38	6.36	6.49	69	65
9	Minnedosa	.59	5.50	6.54	66	64
10	Dropmore	1.08	4.19 1/	6.36	66	64
	Russell	.50	4.74	6.27	68	62
	Birtle	.22	4.54	6.38	68	63
11	Dauphin	.66	4.94	5.45	70	63
13	Swan River	.08	4.06	6.43	66	62
	The Pas	.57	2.93	4.82	68	64
Manitoba Average		.48	5.97	6.48	68	65
Saskatchewan						
1A	Carlyle	Trace	6.98	6.78	67	63
	Estevan	.20	8.68	6.50	68	65
1B	Broadview	.30	6.73	5.79	66	63
	Moosomin	.48	6.60	5.82	70	64
2A	Yellow Grass	.04	5.15	6.30	67	64
	Midale	.08	6.08	6.80	64	64
2B	Moose Jaw	.06	5.27	6.36	69	66
	Regina	.41	3.98	6.28	67	63
	Qu'Appelle	.54	6.84	7.42	66	64
	Indian Head	.46	4.96	7.25	68	63
	Francis	.06	3.15	5.40	67	63
3AN	Chaplin	.22	4.48	6.69	68	64
3AS	Assiniboia	.70	7.49	5.50	66	65
	Ceylon	.60	9.72	7.82	68	65
	Gravelbourg	.14	5.25	5.83	67	64
3BN	Swift Current	.24	5.62	6.31	65	64
	Hughton	.68	4.05	5.82	65	63
	Pennant	.66	3.38 1/	6.90	65	64
3BS	Aneroid	.20	7.60	6.57	65	63
	Cadillac	.26	8.36	7.79	66	63
	Val Marie	.28	7.09	5.96	67	65
	Shaunavon	.52	8.93	5.34	64	63
	Instow	.10	5.05	5.59	65	64
4A	Maple Creek	.66	7.14	6.11	64	64
	Consul	.50	6.84	5.30	64	61
4B	Roadene	.82	5.98	5.83	65	63
5A	Yorkton	.08	4.85	5.97	68	62
	Hubbard	.54	6.35	5.85	65	62
5B	Kamsack	.34	3.08	5.24	66	62
	Foam Lake	.12	4.88	6.00	65	61
	Lintlaw	.36	5.19	5.99	65	60
6A	Davidson	.02	3.68	5.19	66	63
	Nokomis	.02	3.17 1/	4.66	66	62
	Semans	Trace	3.58	4.08	70	62
	Strasbourg	.54	4.03	5.95	67	63
	Dilke	.06	3.51	5.65	N.R.	N.R.
6B	Rosthern	.04	4.72	5.36	66	62
	Saskatoon	.04	3.89	5.28	67	63
	Dundurn	.02	3.90	6.39	69	62
	Tugaske	.42	5.12	5.27	66	63
	Elbow	.34	3.72	5.30	68	63
	Outlook	.40	3.81	4.02	66	63
	Harris	Trace	5.13	5.65	65	63
N.R. No Report. 1/ Incomplete.						

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

Crop District Station	Precipitation			Mean Temperature	
	Week ending	Total since	Normal since	Week ending July 8	
	8 a.m. July 8	April 1	April 1	Actual	Normal
Saskatchewan (Concluded)					
7A Alsask	N.R.	<u>1/</u>	5.41	N.R.	61
Kindersley	.84	6.44	4.79	65	61
7B Macklin	.10	6.77	5.93	65	60
Scott	.02	4.96	5.17	64	61
Biggar	.08	4.41	5.79	67	62
8A Nipawin	.16	4.91	6.31	68	61
Naicam	.20	6.04	5.92	64	62
8B Melfort	.04	6.78	5.39	66	62
Dana	.06	5.50	8.06	66	62
Humboldt	.76	4.17	4.95	65	62
9A Rabbit Lake	.10	4.71	5.63	N.R.	61
Prince Albert	.15	5.23	5.71	68	64
9B Battleford	Nil	3.11	5.69	67	64
Waseca	.58	5.87	5.67	63	60
Saskatchewan Average	.28	5.41	5.90	66	63
Alberta					
1 Medicine Hat	.52	6.20	5.32	66	66
Foremost	.38	5.28	7.35	66	62
Manyberries	.10	5.47	5.49	66	67
2 Macleod	.96	10.32	5.99	65	64
Cowley	.04	5.69	7.08	N.R.	N.R.
Lethbridge	.28	5.92	6.28	65	64
Cardston	.36	6.28	9.32	63	62
3 Brooks	1.32	5.94	5.02	66	62
Empress	1.04	5.72	5.72	66	62
Vauxhall	.86	<u>2/</u>	4.90	64	64
4 Vulcan	.78	6.91	6.46	N.R.	N.R.
High River	.76	5.91	7.64	62	60
5 Drumheller	.92	6.17	6.45	66	60
Hanna	1.08	6.69	6.93	62	59
Naco	.64	6.50	6.05	63	58
6 Olds	.90	7.43	6.57	63	59
Three Hills	1.18	6.90	6.00	62	59
Strathmore	1.96	9.44	6.34	63	60
Gleichen	1.40	4.94 <u>3/</u>	5.60	63	61
Calgary	1.34	7.80	6.97	61	61
7 Coronation	.28	4.29	5.12	63	59
Hughenden	.04	6.47	5.55	64	59
Hardisty	.08	5.85	5.65	N.R.	N.R.
Sedgewick	N.R.	8.11 <u>3/</u>	5.66	63	59
Viking	2.01	7.37	5.43	64	59
8 Camrose	1.58	8.67	6.16	65	60
Wetaskiwin	.54	7.99	6.37	63	60
Lacombe	.94	7.73	6.95	64	60
Alix	.30	5.25	6.17	N.R.	59
Penhold	.61	7.04	8.09	63	59
Stettler	.66	4.74	7.06	58	60
9 Springdale	.30	10.37	7.88	60	58
10 Vegreville	1.14	6.71	6.99	64	59
Vermilion	1.58	6.52	6.44	63	60
Lloydminster	.62	5.06	5.13	65	60
11 Edmonton	.75	8.26	6.46	62	61
Calmar	1.16	9.16	7.01	62	60
12 Edson	.60	7.47	6.09	60	58
Jasper	Nil	3.42	3.30	60	58
13 Glendon	.60	6.06	5.66	N.R.	60
14 Athabaska	1.04	6.80	5.71	60	60
Campsie	.16	6.71	6.45	60	59
15 High Prairie	.20	5.87	5.66	60	60
Kinuso	Nil	4.25	5.62	58	60
16 Fairview	.32	5.92	4.32	60	60
Beaverlodge	N.R.	4.25 <u>3/</u>	4.75	N.R.	59
17 Keg River	.02	3.51	4.99	58	60
Fort Vermilion	Nil	5.82	4.07	61	60
Fort McMurray	.07	2.20	4.77	61	62
Fort Smith	.40	2.14	3.37	60	59
Alberta Average	.68	6.28	6.01	63	60

N.R. No Report. 1/ No report since April 15. 2/ No report until May 27.  
3/ Incomplete. 4/ Source: Meteorological Service of Canada.



REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

Brandon, Manitoba

Grasshoppers still active in southern Manitoba. Considerable bait being distributed.

Saskatoon, Saskatchewan

Grasshoppers now moving into crops from summer-fallow and idle plowland and are causing some loss in numerous localities though increased use of trapping and poisoning is helping to check them. Grasshoppers now lying in extreme south-west and area of severe damage is spreading in spite of heavy poisoning.

Lethbridge, Alberta

Grasshoppers still seriously injuring crops in south-eastern Alberta; majority of stubble crops destroyed. Says grain bug moving into wheat fields in considerable numbers at Wrentham, Taber, Turin, Retlaw. Wheat-stem sawfly flight indicates severe and widespread infestation from Stettler southward.

HAIL DAMAGE

MANITOBA (North West Adjustment & Inspection Company, Limited, Regina)

Heavy hail Boissevain, Lowe Farm, Dufrost and St. Agathe. Light hail Morden, Altamont, Portage la Prairie.

SASKATCHEWAN (The Saskatchewan Municipal Hail Insurance Association, Regina)

Hail reported at Bengough, Verwood, Viceroy, Assiniboia, Maxstone, Estilin, and south of Regina, Imperial, Simpson and Young for storm of July 4. Also claims north of Regina, Ceylon and Radville for storm of July 6.

ALBERTA (The Alberta Hail Insurance Board, Calgary)

Hail losses reported in the Camrose to Field, Hay Lakes, Viking and Lacombe districts. Damage not estimated as yet.

REPORTS OF CORRESPONDENTS

MANITOBA

Winnipeg, Provincial Department of Agriculture

Weather much warmer. Light to medium rains fairly general Friday. Hail several points; heaviest Boissevain. Wheat all headed. Generally good stand. Short where rains less. Showers needed. July corn hardly fair crop. Inter-lake and south-east corner very poor outlook. Grasshoppers beginning to invade field.

SOUTH-CENTRE

Morden, Dominion Experimental Station

Weather continues dry. Crop requires rain. Crop headed out. In general straw will be short. Grasshopper infestation becoming more serious. Rains have fallen seven miles west and thirteen miles east and south of Morden but large area in need of rain. Pastures fair. Grass hay crop light.

SOUTH-WEST

Melita, Telegraphic Correspondent

One point one four inches of rainfall on fifth and sixth. Crop prospects continue good. Considerable damage by hail over a narrow strip on the Dalny-Waskada district. Very slight damage four miles south of Melita. Pastures good. Wild hay crop fair.

MANITOBA (Concluded)

CENTRE

Portage la Prairie, Agricultural Representative

Crops continuing good in most places. Only slight hail damage. Recent rains scattered. More needed. Crops short in some localities. Wheat well out in head. Some early barley in head. Prospects fairly good in general. Severe outbreak of beet webworm.

WEST-CENTRE

Brandon, Dominion Experimental Farm

Wheat headed. Stand is thin to medium. Oats heading on short straw. Barley more promising. Corn improving rapidly. Hot wind and temperature of ninety-four on July four was hard on the crop. Rains are barely sufficient for immediate requirements.

Woodnorth, Telegraphic Correspondent

Extremely hot weather during past week. Rainfall patchy. Some hail but damage not extensive. Grasshoppers becoming more numerous. Natural hay crop medium.

NORTH-CENTRE

Teulon, Agricultural Representative

Past week warm with local rains. Wheat all headed. Stand short and thin. Prospect is for a light crop. Hay very poor. Inter-lake area faces prospect of serious feed shortage. No hail damage.

NORTH-WEST

Kelwood, Telegraphic Correspondent

All early grains heading well. No insects. No rust. No hail. What looked short week ago is stretching up. Woods especially mustard bad. Pastures good. Live stock doing well. Gardens good.

Russell, Telegraphic Correspondent

Due to several days excessive heat last week the crop generally suffered some setback. A thunderstorm with a varying amount of precipitation on Friday night gave much needed relief.

Swan River, Telegraphic Correspondent

Crops have made steady growth past week. In some places weeds are very bad. Wheat headed. Straw of all grains rather short. Pastures coming on well but need more rain. Stock looking well.

SASKATCHEWAN

Regina, Provincial Department of Agriculture

Crops in many areas have suffered a serious decline during the past two weeks due to warmer weather coupled with lack of sufficient moisture. While some heavy rains have fallen at a few points in the province these have been of a more or less local nature and no general rain in sufficient quantity has been received. Precipitation has been lacking at many points or is inadequate to meet the needs of the crop especially in those areas where subsoil moisture conditions have been particularly poor throughout the season. The deterioration has been most marked at points in south-eastern, Regina-Weyburn and central Saskatchewan, and at several places in these areas total failures or extremely light yields are inevitable. Crop conditions have been fairly well maintained in the extreme south-eastern corner of the province, over much of south-central, south-western, west-central and north-eastern Saskatchewan where crops range from fair to good. Conditions are quite varied in east-central and north-western districts with prospects on the whole ranging from fair to good but with some



SASKATCHEWAN (Continued)

Regina, Provincial Department of Agriculture (Concluded)

areas within these districts anticipating only very light returns. More moisture will be required very shortly in these better crop areas to maintain present prospects and only immediate copious rains will check the decline of crop conditions and prevent a widening of present poor areas. Taking the province as a whole about ninety per cent of the wheat has reached the shot blade stage and about forty-five per cent is in head. Further injury is reported from grasshoppers in south-western Saskatchewan where as previously indicated there will be a total loss in a small area. Patchy damage is reported in other scattered districts but the damage is being held to a minimum by control measures. A few reports of hail have been received but the areas affected are small. The weather during the past week has been very hot and mostly dry. Pastures are becoming short in several districts but live stock are in good condition.

SOUTH-EAST

Yellow Grass, Telegraphic Correspondent

Summer-fallow holding up fairly well. Stubble crops going back badly. Pasture drying up. Hay crop poor. All crops needing rain badly. Moisture to date five point five two inches.

Indian Head, Dominion Experimental Farm

Summer-fallow wheat well advanced. Stubble wheat very poor. Oats and barley very short except on fallow. Hay crops fair. Pasture fields drying up. Grasshoppers causing damage to crops in scattered areas. Hail damage in south-west territory. Early cultivated fallows in good condition. Late fallows badly infested with weeds. Scattered thunder showers during week. Rainfall at Indian Head point four six inch.

SOUTH-WEST

Swift Current, Dominion Experimental Station

Weather mostly hot and dry with occasional showers totalling one-third inch. Stubble crop sixteen to eighteen inches high, mostly headed. Recent rains will aid filling but yield likely light. Fallow crop twenty to twenty-two inches high more promising with some reserve soil moisture still available. However more rain essential to ensure satisfactory yield. Live stock good. Pasture curing.

EAST-CENTRE

Willowbrook, Telegraphic Correspondent

Parts of district starting to suffer from drought, particularly coarse grains. Still ninety per cent crop throughout.

WEST-CENTRE

Scott, Dominion Experimental Station

Weather warm and dry during the past ten days. Except for the heavy land areas along the Goose Lake line rain urgently needed over west-central Saskatchewan. Grain crops particularly those sown early or on stubble drying up. In some districts yields already reduced from drought.

Senlac, Telegraphic Correspondent

Little rain has fallen since last report but crops are not suffering although cannot go long on present moisture supply. Growth has been normal and crops and pastures look good. Haying in progress. Wheat averaging eighteen inches and heading.

NORTH-EAST

Melfort, Dominion Experimental Station

Weather very hot during week. Growth was rapid. Large part of the wheat has begun heading. Local showers have improved moisture conditions in many parts of the district.

SASKATCHEWAN (Concluded)

NORTH-WEST

Prince, Telegraphic Correspondent

All crops looking fair to good. No moisture during week. Rain badly needed. Ninety per cent wheat headed out.

ALBERTA

SOUTH-WEST

Claresholm, Telegraphic Correspondent

Rain since last report point four three inch. Seventy-five per cent wheat in head. Heads are average length. Conditions fairly favourable but more rain needed soon to ensure an average yield.

EAST CENTRE

Hanna, Telegraphic Correspondent

One point three five inches rain past week. Wheat 10 to 18 inches high, well stooled. Some early fields heading out. Slight damage due to the past hot weather.

CENTRE

Stettler, Telegraphic Correspondent

One-half inch rain. Early wheat heading and most of wheat in shot blade. Wheat crop about ninety per cent normal. Crop will need a lot more rain to mature. Hay crop good. General conditions fair.

Sedgewick, Telegraphic Correspondent

General conditions still good. Wheat thirty per cent headed and rank. However, the grain being late, it is going to need late July rains to fill properly.

WEST-CENTRE

Calgary, Telegraphic Correspondent

Good to heavy rains last few days. Moisture now quite good. Crops making good progress. Early sown fields heading. General conditions satisfactory. No irreparable damage reported.

Olds, Telegraphic Correspondent

One and one-half inches of rain fell at end of the week. Growth is heavy and requires a lot of moisture. Weather now quite warm and crop should make rapid growth. No damage to report for the week.

Lacombe, Dominion Experimental Station

One and one-third inches rain during week has much improved prospects of all crops. Heading well started with straw short. Hail caused considerable damage making misshapen heads. Haying well started. Moisture sufficient for present need but no reserve. Pastures improving.

Edmonton, Telegraphic Correspondent

Weather continues cool with good showers. Odd field of early wheat now coming out in head. All crops show good stands and general crop conditions are good. No damage reported.

NORTH-EAST

Vermilion, Telegraphic Correspondent

Good scattered showers from point five to one inch have covered the district this week. The localities having the early rain have good crops and some men are afraid of lodging, while the other districts require more rain to bring on the short headed and second growth stuff. Gardens and pastures are good.



ALBERTA (Concluded)

NORTH

Athabasca, Telegraphic Correspondent

Drought of past two weeks damaged crop ten per cent. General rain July seventh of point eight inch has relieved drought. Early crop did not suffer but later sown crops show effect of dry weather. Early wheat started to head out. Crop prospects again fairly good.

LATE REPORT

MANITOBA

SOUTH-WEST

Killarney, Telegraphic Correspondent

Crop heading well with somewhat short straw in prospect. No precipitation of any account during past week which was marked by high temperatures. Rain is needed. No hail damage. Grasshoppers plentiful and damage later may be serious.



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