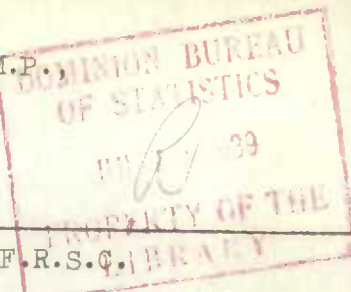


22-002
no. 10
1939
July 11
c. 2

Published by Authority of the HON. W. D. EULER, M.P.,
Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS - CANADA
AGRICULTURAL BRANCH



Domestic Statistician:
Statistician:
Statistician:

R. H. Coats, LL.D., F.R.S.C.
C. F. Wilson, Ph.D.
J. B. Rutherford, M.Sc.

TELEGRAPHIC CROP REPORT

Ottawa, July 11, 1939, 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

Crop prospects in the Prairie Provinces continue to be very favourable as the season progresses. A second week of warm bright weather hastened growth and provided ideal conditions following the good start obtained in June. A considerable part of the wheat crop is now headed without any extensive damage being reported. Crops will be light in south-eastern Saskatchewan and in the Peace River area of Alberta. Grasshoppers are flying but to date have caused very little damage. Hail storms took a considerable toll at scattered points over the Prairies. Fair to good yields of hay are being obtained. Haying operations are somewhat late due to wet conditions. Pasture conditions are very favourable and live stock are in good condition.

Manitoba

A week of fairly dry weather with temperatures above normal brought crops along rapidly. Moisture is needed in the south-central and south-eastern parts of the province to ensure filling of the headed crop. In some areas, haying has been delayed by local showers. No extensive damage from grasshoppers has been reported, but with the advent of warmer weather they have become very active and are now on the wing. Present indications point to a yield of wheat above average. The warm weather of the past two weeks has advanced the crop and harvesting will occur at about the usual time or slightly earlier.

Saskatchewan

About 80 per cent of the wheat in the province has reached the shot blade stage and about 40 per cent has headed. Rapid development of grain crops has occurred during the past two weeks in response to warm, bright weather conditions. Crop prospects are still unfavourable in the south-eastern district and on the light land in the Regina-Weyburn district. Moisture is needed in these areas where crop prospects have deteriorated due to the warm, dry weather. Severe hail storms struck at scattered points in the south-eastern and south-central districts and losses ranging from 50 to 100 per cent occurred in the Lampman-Alameda and Vantage-Congress areas. Heavy damage from storms at the end of the week was reported from points in north-western Saskatchewan. Grasshoppers are flying but no extensive damage has been reported. Crops in the west-central district are late and a continuance of warm weather is needed to hasten growth. On the whole, prospects in the province are very good.

Alberta

Crop prospects in the province continue to be very good with improvement taking place under the excellent growing conditions of the past week. Temperatures were above normal and scattered showers were reported from many points. Crops in the southern and central districts are in very good condition but in northern Alberta and the Peace River district prospects are only fair to good. Hail storms caused considerable damage in local areas on July fourth and on July seventh. Some of the damaged crops which were not very far advanced will make recovery under favourable moisture conditions. Grasshoppers are active but have done little damage to date. Haying has commenced and fair to good yields are being obtained. Range conditions are good.

Precipitation and Temperatures in the Prairie Provinces

Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total since	Normal since	Week ending July 10	
		8 a.m. July 10	April 1	April 1	Actual	Normal
Manitoba						
1	Pierson	.16	6.73	6.51	67	66
	Waskada	.02	6.83	7.32	68	66
2	Boissevain	.28	8.19	6.54	67	66
	Ninette	.50	7.52*	7.16	68	66
	Pilot Mound	Trace	6.15	7.61	68	66
3	Emerson	.38	8.39	6.31	70	67
	Morden	.16	6.66	7.15	71	67
	Graysville	.08	8.38*	7.42	70	67
	Morris	.30	8.57	6.77	69	67
	Portage la Prairie	.60	8.09	6.75	70	65
4	Winnipeg	.50	5.71	7.54	68	67
6	Sprague	.60	6.83	7.46	67	65
	Pinawa	.16	3.18	5.38	66	65
7	Virden	.52	6.34	6.02	68	63
	Hamiota	1.10	5.70	6.03	67	64
8	Rivers	.09	6.18	6.79	66	64
	Brandon	.32	7.68	6.81	66	65
	Cypress River	.38	8.56	6.66	68	66
9	Minnedosa	1.24	6.75	6.71	65	64
10	Dropmore	.60	5.52*	6.54	65	64
	Russell	.96	5.20	6.43	65	63
	Birtle	.22	3.67	6.57	63	63
11	Dauphin	.31	4.60	5.62	68	63
13	Swan River	.50	7.17	6.62	65	63
	The Pas	.43	8.01	4.97	63	65
Manitoba Average		.42	6.66	6.63	67	65
Saskatchewan						
1A	Carlyle	Nil	4.43	6.95	67	63
	Estevan	.26	5.17	6.62	68	65
1B	Broadview	.26	4.80	5.96	66	64
	Moosomin	.14	4.56	5.93	69	62
2A	Yellow Grass	.02	7.36	6.45	66	65
	Midale	Nil	3.88	6.98	67	65
2B	Moose Jaw	.43	7.62	6.51	67	67
	Regina	.64	6.24	6.44	65	64
	Qu'Appelle	.17	7.66	7.61	65	65
	Indian Head	.11	5.65	7.43	66	64
	Francis	N.R.	5.08*	5.53	N.R.	64
3AN	Chaplin	.26	6.80*	6.83	64	65
3AS	Assiniboia	.97	11.01	5.62	65	65
	Ceylon	.10	7.30*	8.00	N.R.	N.R.
	Gravelbourg	.22	8.45	5.92	65	65
	Rockglen	.12	8.09*	7.26	N.R.	N.R.
3BN	Swift Current	.36	10.03	6.48	63	65
	Hughton	.88	9.82	5.94	63	63
	Pennant	.32	10.62	7.03	64	64
3BS	Aneroid	.14	10.26	6.69	63	64
	Cadillac	.76	11.56	7.91	63	63
	Val Marie	Nil	9.67	6.11	64	65
	Shaunavon	.20	12.36	5.50	63	63
4A	Maple Creek	.04	11.84	6.26	63	65
	Consul	.10	6.28*	5.40	61	62
4B	Roadene	.18	11.95	5.95	63	63
5A	Yorkton	.36	5.69	6.16	67	62
	Hubbard	.14	6.62	6.03	63	62
5B	Kamsack	1.10	7.20	5.43	62	63
	Foam Lake	.50	8.19	6.17	62	62
	Lintlaw	.66	8.49	6.17	64	61
6A	Davidson	.26	9.52	5.31	60	64
	Nokomis	N.R.	7.17*	4.80	N.R.	62
	Semans	.52	6.79	4.19	60	62
	Strasbourg	.46	6.43	6.09	55	63
	Dilke	N.R.	7.42*	5.79	N.R.	N.R.
6B	Rosthern	.42	8.22	5.54	64	63
	Saskatoon	.16	7.86	5.45	N.R.	63
	Dundurn	.86	8.72	6.54	65	64
	Tugaske	.80	10.80	5.39	59	64
	Elbow	.40	9.36	5.42	65	64
	Outlook	.62	8.68	4.13	65	64
	Harris	.24	8.28	5.82	63	64

* Incomplete.

N.R. No Report.

Precipitation and Temperatures in the Prairie Provinces^x (Concluded)

Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total since	Normal since	Week ending July 10	
		8 a.m. July 10	April 1	April 1	Actual	Normal
Saskatchewan (Concluded)						
7A	Alsask	N.R.	6.83*	5.54	N.R.	62
	Kindersley	.48	7.90	4.94	64	63
7B	Macklin	.54	6.80	6.08	63	60
	Scott	.46	6.66	5.33	61	62
	Biggar	.22	8.64	5.97	65	63
8A	Nipawin	.26	7.47	6.44	64	62
	Naicam	.64	8.16	6.13	62	63
8B	Melfort	.40	7.91	5.58	62	63
	Dana	N.R.	N.R.	N.R.	N.R.	N.R.
	Humboldt	.02	6.73	5.09	63	63
9A	Rabbit Lake	.30	7.22	5.81	57	61
	Prince Albert	.25	6.61	5.86	63	64
9B	Battleford	.25	5.63	5.84	62	65
Saskatchewan Average		.35	7.83	6.04	64	63
Alberta						
1	Medicine Hat	Nil	6.33	5.45	64	68
	Foremost	Nil	7.24	7.47	64	62
	Manyberries	Trace	3.74*	5.60	65	69
2	Macleod	.04	12.65	6.13	64	65
	Cowley	Nil	6.23*	7.17	N.R.	N.R.
	Lethbridge	Nil	7.31*	6.40	62	65
	Cardston	Nil	6.80	9.48	63	63
3	Brooks	Nil	6.29	5.14	64	63
	Empress	.46	6.17	5.86	67	63
	Vauxhall	Trace	5.59	5.02	63	64
	Vulcan	.32	8.62	6.60	N.R.	N.R.
4	High River	Nil	9.34*	7.75	59	61
5	Drumheller	.16	11.22	6.60	63	61
	Hanna	.28	10.78	7.11	60	60
	Naco	.52	8.78	6.21	61	59
6	Olds	.36	13.88	6.72	59	60
	Three Hills	.18	9.77	6.13	60	60
	Strathmore	N.R.	8.97	6.46	N.R.	61
	Gleichen	Nil	7.24	5.75	60	62
	Calgary	.11	10.54	7.14	58	61
	Banff	N.R.	.30*	6.67	N.R.	N.R.
7	Coronation	.42	7.29	5.25	61	59
	Hughenden	.76	7.00*	5.71	61	59
	Hardisty	1.76	7.28	5.86	N.R.	N.R.
	Sedgewick	.48	7.20	5.84	62	60
	Viking	1.02	6.94	5.55	61	60
	Camrose	.18	7.31	6.33	61	61
8	Wetaskiwin	.14	7.60	6.56	59	61
	Lacombe	.56	8.82	7.13	60	60
	Alix	.32	9.45*	6.35	61	59
	Springdale	1.16	9.23	8.11	57	59
	Red Deer	.29	7.27	8.29	57	59
	Stettler	.80	8.26	7.24	62	60
10	Vegreville	.58	5.93	7.21	60	60
	Vermilion	.48	7.46	6.68	59	60
	Lloydminster	.72	5.39	5.29	60	60
11	Edmonton	.23	7.41	6.69	60	62
	Calmar	.38	7.08	7.21	60	60
12	Edson	.38	6.06	6.29	58	58
	Jasper	.68	6.04	3.38	56	59
13	Glendon	.26	7.04	5.84	N.R.	61
14	Athabaska	.38	8.27	5.89	59	60
	Campsie	.10	4.37	6.66	59	60
15	High Prairie	.08	2.92	5.86	60	59
	Kinuso	Nil	2.75	5.79	57	59
16	Fairview	.37	4.52	4.41	59	60
	Beaverlodge	.05	4.22	4.89	59	57
17	Keg River	.88	6.00	5.20	54	60
	Fort Vermilion	.14	4.99	4.20	58	61
	Fort McMurray	.47	4.85	4.97	58	62
	Fort Smith	.01	3.22	3.47	54	60
Alberta Average		.34	7.06	6.18	60	56

Source: Meteorological Service of Canada.

Incomplete.

N.R. - No Report

REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

Brandon, Manitoba

Grasshoppers flying in western Manitoba. May be some head damage later.

Saskatoon, Saskatchewan

Where not poisoned, grasshoppers are now moving freely to crops from fallow land, especially in districts of lighter soil, but damage to date has not been great.

HAIL DAMAGE

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

Heavy hail Starbuck district estimated 75 to 100 per cent; slight damage Pine Ridges, Edrans and Carberry; slight to heavy, Hamiota, Minnedosa, McConnell and Oak River.

ALBERTA (The Alberta Hail Insurance Board, Calgary)

Storm July fourth, Indus, Gleichen and Brooks districts. Also on July fourth from Olds south-easterly to Acme, Carbon and Drumheller, also from Stirling east to Manyberries. Storm July seventh in the Olds-Innisfail district. Also few losses reported on that date from Viking, Innisfree, Irma and Hayter districts.

REPORTS FROM CORRESPONDENTS

MANITOBA

Winnipeg, Provincial Department of Agriculture

Crops have progressed satisfactorily during past week and present prospects are for yield above average.

SOUTH-CENTRE

Morden, Dominion Experimental Station

Weather continues hot and dry. Crop well advanced. Must have rain to permit filling. Summer-fallow crop not suffering but other crops badly in need of moisture. Haying continues satisfactorily. Pastures fair. No damage from grasshoppers to date.

WEST-CENTRE

Brandon, Dominion Experimental Farm

Moderate temperature with several light showers stimulated crop growth but delayed haying operations. Grain crops give promise of more than average length of straw. Wheat is well headed with oats and barley in the early stages of heading. Fodder corn much improved.

Woodnorth, Telegraphic Correspondent

All crops greatly improved. Better than average wheat crop anticipated. Grasshoppers on wing. Weather must be favourable to avoid considerable damage, especially to coarse grains.

NORTH-CENTRE

Teulon, Agricultural Representative

Crop making satisfactory progress. Only light showers during past week and moisture now needed. Slight hail damage in Arborg district. No insect damage.

MANITOBA (Concluded)

NORTH-WEST

Kelwood, Telegraphic Correspondent

Past week ideal weather. Everything continues quite favourable. Wheat heading out. Very uneven in places. Wheat which was badly blown in the spring is not yet headed but prospects much improved.

Dauphin, Agricultural Representative

Crop made good progress past week. Weather has been fairly settled with odd showers. Haying proceeding with good cuts of clover and alfalfa. Wheat all headed and filling well. Will be good height. Coarse grains excellent. No insect damage to crops. Potato bugs very bad.

Russell, Telegraphic Correspondent

Ideal weather conditions continue to prevail bringing forward all growing crops which have had no setbacks during the past week. The best rain of the season last Wednesday.

Swan River, Telegraphic Correspondent

All crops are good. Wheat and barley headed. Good length straw and well developed heads. Slight indication of some root rot. Plenty of moisture for present. No insect damage. Pastures all good and stock in good condition. Weather conditions at present are ideal.

SASKATCHEWAN

Regina, Provincial Department of Agriculture

Warmer weather during the past two weeks has promoted rapid growth of both wheat and coarse grains. Approximately 80 per cent of the wheat has reached the shot blade stage. In the eastern half of the province the proportion in head ranges from 45 to 75 per cent with an average of 55 per cent. In the south-central, south-western and north-western areas about 20 to 30 per cent is head. Less than 5 per cent, however, of the wheat is headed in west-central Saskatchewan and continued warm weather is required. Taking the province as a whole about 40 per cent of the wheat is in head. Crops generally have a healthy appearance and continue to show favourable prospects in most parts of the province. As previously reported, however, a patchy situation exists in the south-eastern district and on the light land in the adjoining portion of the Regina-Weyburn district due to early damage, and the general prospects in these areas range from poor to fair. Several hail storms struck at scattered points, the most severe being in the south-eastern and south-central districts. Losses estimated from 50 to 100 per cent are reported at points in the Lampman to Alameda area and in the Vantage to Congress area. Some severe losses to individual farms are also reported at scattered points in other parts of the province. Grasshoppers have been more in evidence since the warmer weather set in and reports of them having reached the winged stage are being received. The actual crop damage so far, however, taking the province as a whole is not extensive. The weather has been warm and showery and except for a few scattered points moisture conditions are reported good at present. In some districts on the west side of the province which have received abundant rainfall a continuation of warm weather is required in order to speed crop development. About 60 per cent of the summer-fallowing has been completed. Live stock and pastures generally are in good condition.

SOUTH-EAST

Service, Telegraphic Correspondent

No rain this week. Very warm weather forcing all crops to mature too fast. Rain urgently needed. Pastures turning brown. All wheat headed or heading. Coarse grains will be short without rain. Rainfall from April first four point two eight inches.

Yellow Grass, Telegraphic Correspondent

Wheat crops good. Seventy-five per cent headed. Other grains fair. Hay crop is poor. Rains came too late. No rust showing on wheat. Some showing on leaf of oats. Grasshoppers doing little damage. Moisture sufficient. Ten days rain, total seven point three four inches.

SASKATCHEWAN - Concluded

SOUTH-EAST

Indian Head, Dominion Experimental Farm

Cereal crops making excellent progress. Early sown wheat well advanced. Hay crop promising. Pastures improved. Fallow work well under way. Grasshoppers on wing and continue a menace to farm crops. Live stock in good condition. Rainfall during week point one inch.

SOUTH-WEST

Swift Current, Dominion Experimental Station

Ideal growing weather prevailed during past week. Late sown crops much improved. Soil still moist to root zone. Most crops in shot blade and heading stage. Have sufficient moisture to maturity. Grasshoppers numerous but no damage reported. Summer-fallowing in progress. Cultivated hay crops exceptionally promising. Pastures and live stock good.

Val Marie, Telegraphic Correspondent

Crop conditions are still good. Wheat average about twenty-two inches and just heading out. Fairly heavy with very nice colour. Coarse grain about eighteen inches high, looking well. Live stock very good.

EAST-CENTRE

Willowbrook, Telegraphic Correspondent

Precipitation April first to date six point twenty-three inches. Week point zero two inch. All crops excellent condition. Heavy yield expected.

WEST-CENTRE

Rosetown, Telegraphic Correspondent

Crop conditions good. Grain on lighter soils heading out. Growth very rapid. Two good showers during week. Pastures good. Very little damage from insects to date. Gardens looking well and tree foliage best for ten years.

Scott, Dominion Experimental Station

Wheat shows strong growth with about 10 per cent headed and 70 per cent in shot blade. Coarse grains are looking well over a wide area in west-central Saskatchewan but like wheat are a little backward but advancing with warm weather. Light thunder showers are delaying hay-making.

White Fox, District Experiment Sub-station Supervisor (Scott)

Tisdale, Chelan districts crops generally good. Well advanced on lighter soil. Some flooding damage on heavy soil. Hay crops abundant but haying delayed on account of rains. White Fox grain crops generally backward. Showing signs of yellowing. Alfalfa crops unusually heavy and blossoming profusely.

Senlac, Telegraphic Correspondent

Growth is excellent and wheat 50 per cent headed. Total rainfall from April first five inches. Haying progressing and fallow completed. With normal conditions wheat looks good for thirty bushels average. Little or no damage to crops to date.

NORTH-EAST

Melfort, Dominion Experimental Station

Early wheat heading and all crops very heavy. Point forty-three inch rain during week. Considerable hay spoiled due to many showers and cloudy weather. Grasshoppers more active but farmers are spreading poison effectively.

ALBERTA

SOUTH-EAST

Manyberries, Dominion Range Experimental Station

Weather has been dry and warm. Moisture is ample and growing conditions good. All crops making satisfactory growth. Hay harvest started with fair to good yield reported. Range conditions good.

SOUTH-WEST

Lethbridge, Dominion Experimental Station and Illustration Stations

Dry warm weather during past week has promoted rapid development of all crops, in fact growth has been so great that rain would be welcomed in some areas between Lethbridge and Medicine Hat but in general over southern end of province soil moisture is still satisfactory.

Cardston, Telegraphic Correspondent

No rain since last report. Weather hot and dry. Crops look very well. Wheat 25 per cent headed.

EAST-CENTRE

Hanna, Telegraphic Correspondent

Conditions good. One inch rain past week. Fifty per cent wheat in shot blade. Growing fast since weather turned warm.

CENTRE

Stettler, Telegraphic Correspondent

One inch rain past week. Early wheat heading. Heads medium. No damage to date. Pasture good. Hay crop good.

Sedgewick, Telegraphic Correspondent

Warmer weather very favourable for good growth. Early wheat now heading. Moisture conditions very satisfactory and general conditions excellent.

WEST-CENTRE

Calgary, Telegraphic Correspondent

Warm showery weather during week. Crops made rapid advancement. Wheat probably 50 to 60 per cent headed. General conditions excellent.

Lacombe, Dominion Experimental Station

Light showers on five days totalling point four two inch brought total since April first to 8 inches. This with temperatures around 80 forced strong growth but bright warm weather needed to force heading. Only fall rye and early varieties barley headed. Haying just starting. A little hail damage in district.

Edmonton, Telegraphic Correspondent

Crop conditions were good during past week. Odd shower with warm weather. Early wheat coming out in head. Crops generally well advanced in the shot blade stage. No worm or hail damage.

NORTH-EAST

Vermilion, Telegraphic Correspondent

Heavy growth in all crops since warm weather. Wheat heading fast. Lots of weeds. A small strip of hail to the north-west but elsewhere no damage is reported. With the exception of spots where heavy rain fell there is little reserve moisture for so much growth.

ALBERTA (Concluded)

NORTH

Athabasca, Telegraphic Correspondent

Weather very warm. Wheat heading out fast. Heads will average up to medium size. Moisture supply at present sufficient. Very warm weather forcing growth of all crops and hay. Prospects still hold for fairly good crop.

NORTH-WEST

Beaverlodge, Dominion Experimental Sub-station

Acute need of rain in most parts of the Peace. Some crops still fair to good but most grain short with considerable white tipping of wheat. In many cases stems yellowing at base and tillers dying off though leaf colour surprisingly good. Grasshoppers flying and working into some fields in Grande Prairie district.

Fort Vermilion, Dominion Experimental Sub-station

Past week very warm with scattered thunder showers. Mean maximum temperature 72 degrees with point one five inch of rain at Station. Slight damage to gardens from wind and hail in some districts. Young grasshoppers reported plentiful in certain areas. Haying nicely under way.

LATE REPORTS

ALBERTA

Edmonton, Provincial Department of Agriculture

General crop conditions good to excellent except divisions twelve, fourteen, fifteen and sixteen which require moisture. Crop later than normal, therefore length of season now limiting factor in forecasting prospects. Wheat 10 to 75 per cent headed. Hail damage mainly in division six but not extensive.



1010524770