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Ottawa, August 10, 1942, 3 p.m.- The Dominion Bureau of Statistics issues today a bulletin giving (1) the condition of field crops on July 31, expressed numerically in percentages of the long-time average yields per acre and (2) a preliminary estimate of the production of fall wheat, fall rye and alfalfa (first cutting). The figures are compiled from returns of the Bureau's corps of crop correspondents, with the exception of the wheat condition figures in the Prairie Provinces which are based on weather developments to July 31.

SUMMARY

July furnished another month of favourable weather conditions for field crops across Canada. In the eastern provinces and British Columbia conditions were well maintained, and in the Prairie Provinces substantial gains in yield prospects have been recorded. The spring wheat crop at 149 per cent of average is giving promise of yields comparable with the best ever experienced in western Canada. Similarly the outlook for feed grains is particularly promising. For Canada as a whole, the July 31 condition of oats at 111 per cent and of barley at 112 per cent represent the most promising prospects for these crops ever recorded at this time of the year. The spring rye and flaxseed crops are also well above average. The condition of fodder crops was fairly well maintained in the eastern provinces during July and they are now showing much better promise than a year ago. In the Prairie Provinces these crops made excellent gains during the month. Potatoes have likewise made better progress than a year ago in the eastern provinces, excepting New Brunswick, and in the west they are doing exceptionally well. Pastures deteriorated moderately during July in eastern Canada but improved in the west.

The production of fall wheat in Ontario is estimated at 23,597,000 bushels, with a record yield of 31.7 bushels per acre. Fall rye production for all Canada is placed at 19,381,000 bushels, which is more than double last year's crop. The first cutting of alfalfa yielded 1,841,000 tons as compared with 1,393,000 tons in 1941.

While field crops in Prince Edward Island at July 31 were in somewhat poorer condition than a year ago because of fairly dry weather, the crop situation in Nova Scotia and New Brunswick was very close to normal and up to last year's prospects.

Crop prospects in Quebec were unchanged during July, with somewhat better yields in sight than in 1941. While droughty conditions have reduced the yields of oats and barley in the Ottawa Valley, these are offset by favourable conditions in other districts. Late hay and clover crops and pastures are in much better condition than a year ago. Potato and root crops have made good progress during the month.

Ontario crop conditions as a whole have continued favourable. The spring grain crops are promising much better yields than a year ago, although they were badly lodged by mid-July rains in central and western districts. Pastures are holding up well except in eastern Ontario where lack of adequate rainfall caused some deterioration.

All the major field crops in the three Prairie Provinces made notable gains during July in contrast with the deterioration which is commonly experienced during that month. The condition of spring wheat, based on weather factors, is up substantially as compared with the June 30 indications and the condition of coarse grains and flaxseed, as reported by crop correspondents is likewise up substantially. Unless adverse weather conditions, which may beset a late crop such as this year's, materially alter the present yield prospects, the Prairie Provinces will enjoy the most productive year in their history. Potatoes, root crops and pastures are in very fine condition, although the corn crop has been backward owing to the relatively cool weather.

Field crop prospects in British Columbia are unchanged from a month ago and are generally excellent.

Condition of Field Crops, July 31, 1942

For all Canada, the condition of field crops at July 31, 1942, expressed as percentages of the long-time average yields per acre, was as follows, with the condition at June 30, 1942, and July 31, 1941, within brackets: Spring wheat 149 (136, 72); oats 111 (100, 72); barley 112 (100, 73); spring rye 109 (98, 63); peas 96 (97, 83); beans 91 (93, 86); buckwheat 94 (97, 86); mixed grains 98 (97, 84); flaxseed 110 (94, 80); corn for husking 91 (88, 96); potatoes 98 (97, 89); turnips, etc. 94 (94, 89); hay and clover 100 (101, 80); fodder corn 92 (92, 89); sugar beets 99 (96, 92); pasture 99 (104, 79).

For the Prairie Provinces, the condition of the principal grain crops at the same dates was as follows: Manitoba - Wheat 145 (129, 123); oats 103 (97, 92); barley 104 (97, 89); spring rye 100 (97, 90); flaxseed 95 (93, 92). Saskatchewan - Wheat 147 (137, 65); oats 123 (103, 55); barley 122 (104, 60); spring rye 112 (100, 57); flaxseed 114 (94, 77). Alberta - Wheat 155 (139, 65); oats 112 (100, 64); barley 112 (99, 64); spring rye 108 (94, 64); flaxseed 109 (96, 74).

CHARTS SHOWING THE CONDITION OF SPRING WHEAT IN THE PRAIRIE PROVINCES

AT JULY 31, 1942 AND 1941

The two charts shown on the last page of this report indicate the July 31, 1942 wheat condition by crop districts in comparison with that at the same date in 1941. The condition figures are based upon an analysis of weather factors in both years and are expressed in terms of the long-time average yields per acre for each province.

All three provinces recorded a gain in condition during July. In each province the average July rainfall was above normal, thereby improving the yield prospects. At the same time temperatures were considerably below normal, and since absence of heat favours plant development, the yield prospects were additionally enhanced. July temperatures in Manitoba and Saskatchewan were the lowest for that month in the twenty-two year period covered in the weather-yield analysis. The Manitoba provincial condition at July 31 of 145 showed a gain of 16 points from June 30, and was 22 points over the July 31, 1941 condition. Saskatchewan's July 31 condition at 147 gained 10 points during the month and was considerably more than double the condition of 65 indicated at July 31 a year earlier. In Alberta the average condition figure gained 16 points through July to 155 at the month end. This also contrasted with 65 per cent of the long-time average at July 31, 1941.

Manitoba

Gains in condition were fairly uniform through July with each of the districts showing some improvement. Crop Districts 1 and 6 have the lowest condition of 120 and 126 respectively, and even these are well above average. Crop District 3 has a condition figure of 149, while the best prospects are indicated in the north-western districts which range from 159 in District 9 to 170 in District 13. All districts are in better condition than at July 31, 1941.

Saskatchewan

All but five of the Saskatchewan crop districts registered gains through July. The exceptions were in Districts 3BS, 4A, 4B, 5A and 6A where the recessions were negligible in each case. Crop Districts 1A, 2A, 4B and 7B have the lowest prospects, but these are ranging from 120 to 128 per cent of normal. Southern Saskatchewan districts are in the best condition for years, and central districts are in excellent condition. The northern districts from 8A to 9B show condition figures ranging from 184 to 210 per cent of the long-time average.

Alberta

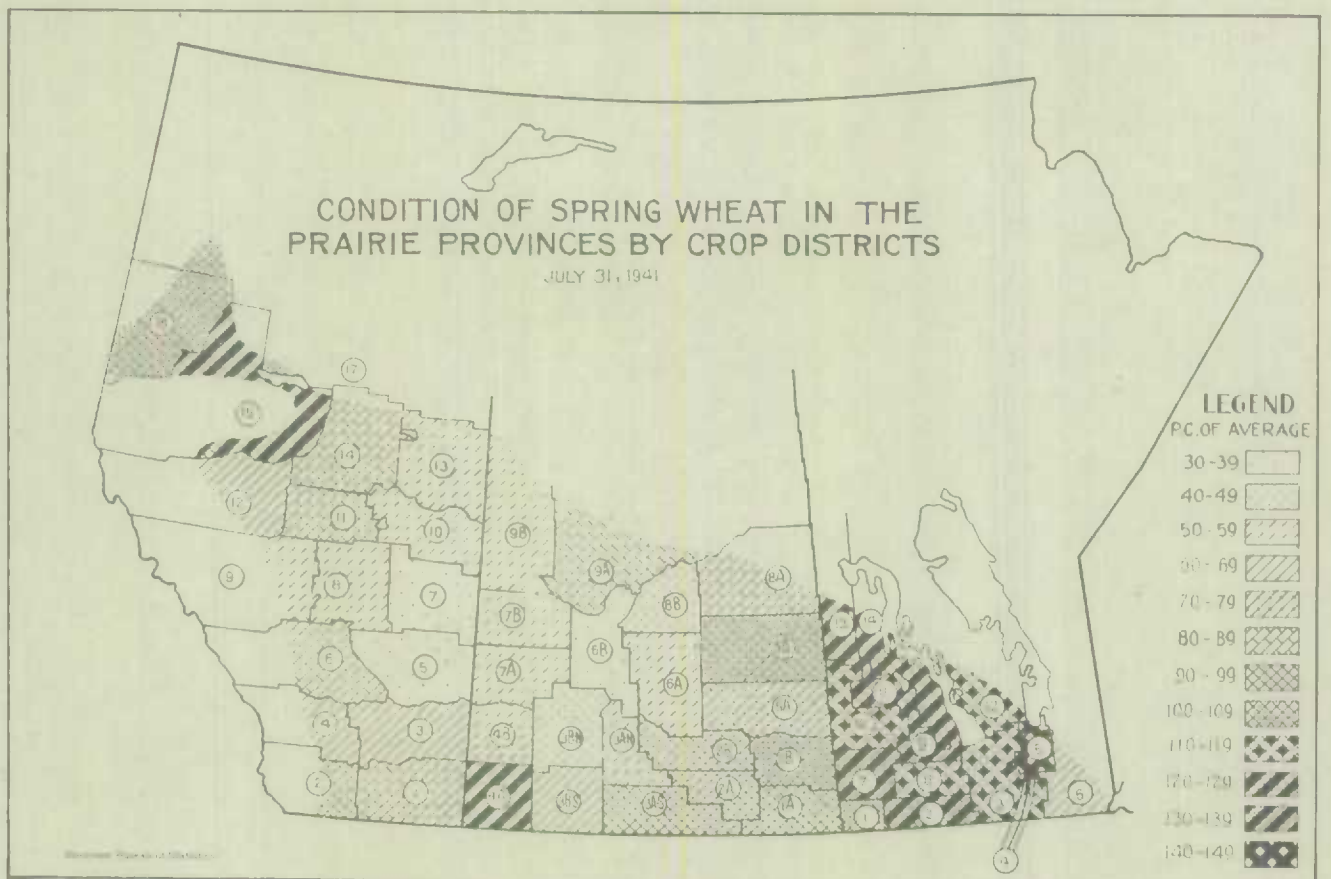
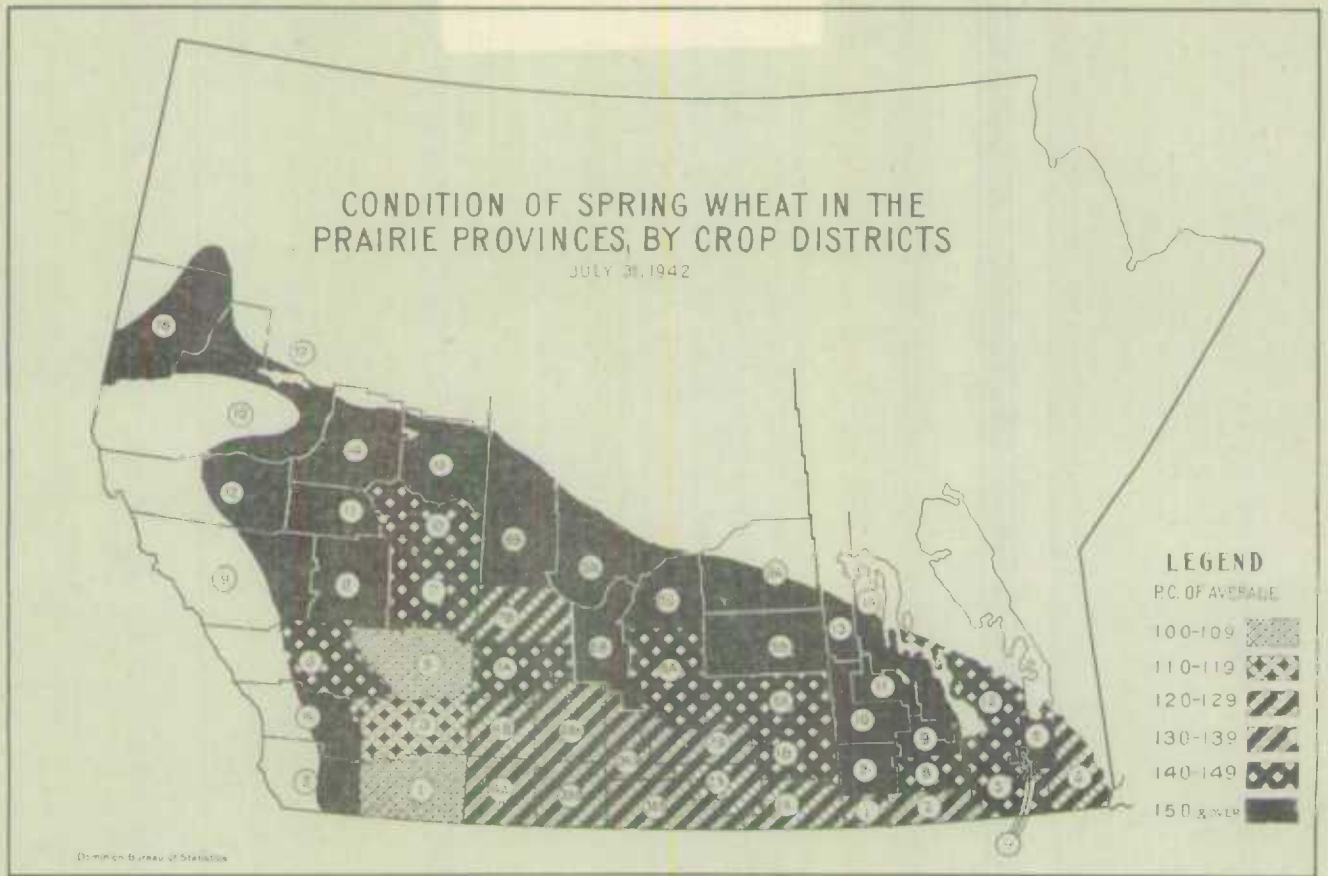
Northern Alberta including the Athabaska and Peace River districts was the only substantial area to show a recession in condition during July. These districts had below-average rainfall for the month, but their condition remains at 160 to 183 per cent of normal. The July 31 conditions were excellent throughout the province, except in Districts 1, 3 and 5 where the condition figures ranging from 100 to 113 are just around average.

1.-Condition of Field Crops at July 31, 1942, as compared with May 31, and June 30, 1942, and with July 31, 1941. (100=long-time average yield per acre).

Province and Crop	July 31 1941	May 31 1942	June 30 1942	July 31 1942	Province and Crop	July 31 1941	May 31 1942	June 30 1942	July 31 1942
	p.c.	p.c.	p.c.	p.c.		p.c.	p.c.	p.c.	p.c.
<u>Canada -</u>					<u>Ontario -</u>				
Spring wheat ^{1/}	72	109	136	149	Spring wheat	79	98	97	95
Oats	72	94	100	111	Oats	78	98	96	96
Barley	73	92	100	112	Barley	78	95	94	94
Spring rye	63	93	98	109	Peas	76	94	96	94
Peas	83	96	97	96	Beans	85	-	92	91
Beans	86	-	93	91	Buckwheat	78	-	96	91
Buckwheat	86	-	97	94	Mixed grains	81	96	97	97
Mixed grains	84	96	97	98	Flaxseed	82	-	94	95
Flaxseed	80	-	94	110	Corn, husking	96	-	88	93
Corn, husking	96	-	88	91	Potatoes	84	-	94	93
Potatoes	89	-	97	98	Turnips, etc.	83	-	93	93
Turnips, etc.	89	-	94	94	Hay and clover	71	101	104	102
Hay and clover	80	99	101	100	Fodder corn	87	-	91	91
Fodder corn	89	-	92	92	Sugar beets	93	-	99	98
Sugar beets	92	-	96	99	Pasture	69	104	107	95
Pasture	79	101	104	99	<u>Manitoba -</u>				
<u>P. E. Island -</u>					Spring wheat ^{2/}	123	124	129	145
Spring wheat	94	104	95	94	Oats	92	93	97	103
Oats	97	105	91	86	Barley	89	93	97	104
Barley	97	105	93	89	Spring rye	90	95	97	100
Buckwheat	94	-	93	95	Peas	92	93	91	94
Mixed grains	98	105	93	89	Buckwheat	91	-	91	96
Potatoes	94	-	99	97	Mixed grains	91	92	94	101
Turnips, etc.	101	-	89	86	Flaxseed	92	-	93	95
Hay and clover	103	109	88	89	Corn, husking	-	-	89	84
Fodder corn	93	-	96	100	Potatoes	94	-	94	100
Pasture	108	108	93	84	Turnips, etc.	93	-	93	98
<u>Nova Scotia -</u>					Hay and clover	101	97	99	105
Spring wheat	96	101	98	89	Fodder corn	98	-	91	91
Oats	98	104	100	96	Sugar beets	96	-	91	95
Barley	96	101	97	94	Pasture	95	97	104	106
Buckwheat	98	-	99	96	<u>Saskatchewan -</u>				
Mixed grains	98	103	100	98	Spring wheat ^{2/}	65	103	137	147
Potatoes	98	-	101	99	Oats	55	92	103	123
Turnips, etc.	96	-	97	94	Barley	60	94	104	122
Hay and clover	96	107	102	97	Spring rye	57	93	100	112
Fodder corn	96	-	94	99	Mixed grains	61	85	98	107
Pasture	97	105	103	92	Flaxseed	77	-	94	114
<u>New Brunswick -</u>					Potatoes	71	-	89	104
Spring wheat	99	100	99	100	Turnips, etc.	71	-	91	98
Oats	99	100	100	97	Hay and clover	75	88	97	107
Barley	98	98	99	99	Fodder corn	83	-	79	85
Beans	97	-	96	96	Pasture	66	85	102	115
Buckwheat	94	-	98	97	<u>Alberta -</u>				
Mixed grains	100	95	100	99	Spring wheat ^{2/}	65	114	139	155
Potatoes	98	-	100	95	Oats	64	89	100	112
Turnips, etc.	96	-	98	97	Barley	64	89	99	112
Hay and clover	99	106	103	100	Spring rye	64	89	94	108
Fodder corn	96	-	96	99	Peas	83	99	100	103
Pasture	99	105	101	97	Beans	83	-	92	92
<u>Quebec -</u>					Mixed grains	65	89	98	106
Spring wheat	97	100	98	98	Flaxseed	74	-	96	109
Oats	94	99	100	100	Potatoes	73	-	95	103
Barley	96	99	99	99	Turnips, etc.	73	-	96	104
Spring rye	97	95	100	100	Hay and clover	76	77	95	106
Peas	97	100	99	99	Fodder corn	79	-	81	93
Beans	94	-	98	98	Sugar beets	88	-	96	101
Buckwheat	95	-	99	97	Pasture	68	76	101	114
Mixed grains	97	100	101	101	<u>British Columbia -</u>				
Potatoes	95	-	101	100	Spring wheat	99	98	101	101
Turnips, etc.	95	-	97	97	Oats	99	99	101	102
Hay and clover	78	100	101	97	Barley	98	98	101	101
Fodder corn	92	-	99	95	Spring rye	100	101	104	105
Pasture	81	102	104	100	Peas	102	97	99	98
					Beans	102	-	96	100
					Mixed grains	99	98	99	100
					Flaxseed	100	-	103	104
					Potatoes	96	-	96	94
					Turnips, etc.	96	-	96	97
					Hay and clover	101	101	106	104
					Fodder corn	97	-	93	98
					Pasture	94	101	107	105

1/ Includes condition figures for Prairie Provinces based on weather factors.

2/ Condition figures based on weather factors.



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