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DOMINION BUREAU OF STATISTICS

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Field Crop Reporting Series - No. 11

TELEGRAPHIC CROP REPORT - PRAIRIE PROVINCES

This is the seventh of the 1970 series of eleven telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from the Federal and Provincial Departments of Agriculture, private crop observers and grain men supply the information on which these reports are based. The weather data included in this release are furnished by the Meteorological Division, Department of Transport.

Advanced Preliminary Estimates of Specified Crop and Summerfallow Acreages, Prairie Provinces, 1970

Preliminary estimates derived from the regular June 1 survey of the Dominion Bureau of Statistics reveal sharp changes in land use patterns in the Prairie Provinces in 1970. Farmers have reduced the acreage sown to all wheat from 24.4 million acres in 1969 to 12.0 million acres this year. This is somewhat less than half of the 1969 acreage, far below the record of 29.6 million seeded in 1967 and is the smallest seeded acreage since 1914 when 9.3 million acres were sown.

Of the 12.4 million acres removed from wheat in 1970, 8.1 million were summer-fallowed bringing the total acreage in summerfallow this year to a record high of 36.9 million acres compared with the previous 1969 record of 28.8 million. A further three million acres removed from wheat were sown to flaxseed and rapeseed. Flaxseed acreage will be an all time high of 3.5 million acres in 1970 compared with 2.4 million last year while rapeseed almost doubled to a record 4.0 million acres seeded this year from just over two million last year.

There was also a small increase in barley acreage bringing the figure to 9.5 million acres, slightly below the record of 9.6 million in 1955 and compares with the 1969 estimate of 9.0 million acres. Prairie farmers seeded some 6.5 million acres of oats this year moderately below the 1969 estimate of 6.8 million acres.

The all rye acreage at 944,000 in 1970 was ten per cent above last year and represents the largest area in rye since the 1953-54 crop year.

Agriculture Division
Crops Section

5502-508

Preliminary Estimates of Crop and Summerfallow Acreages
1970 with Comparisons - Prairie Provinces

Crops	Average 1959-68	1968	1969	1970	1970 as % of 1969
		acres			%
PRAIRIE PROVINCES					
Wheat (incl. durum) .	27,019,800	28,860,000	24,400,000	12,000,000	49
Oats(1)	7,203,000	6,600,000	6,800,000	6,500,000	96
Barley	6,465,800	8,330,000	9,000,000	9,500,000	106
Fall rye	496,400	531,000	753,000	805,000	107
Spring rye	97,400	88,000	106,000	139,000	131
All rye	593,800	619,000	859,000	944,000	110
Flaxseed	1,814,700	1,502,000	2,420,000	3,500,000	145
Rapeseed	895,900	1,052,000	2,012,000	3,950,000	196
Summerfallow	26,749,200	26,660,000	28,800,000	36,900,000	128
MANITOBA					
Wheat (incl. durum) .	3,137,900	3,400,000	2,500,000	1,400,000	56
Oats(1)	1,746,300	1,750,000	1,700,000	1,350,000	79
Barley	818,100	1,170,000	1,200,000	1,500,000	125
Fall rye	105,600	119,000	180,000	190,000	106
Spring rye	3,100	1,000	3,000	4,000	133
All rye	108,700	120,000	183,000	194,000	106
Flaxseed	847,900	820,000	1,100,000	1,150,000	105
Rapeseed	78,600	91,000	196,000	350,000	179
Summerfallow	2,998,100	2,710,000	3,200,000	4,000,000	125
SASKATCHEWAN					
Wheat (incl. durum) .	17,875,500	19,000,000	16,600,000	8,000,000	48
Oats(1)	2,585,600	2,200,000	2,500,000	2,550,000	102
Barley	2,107,300	2,510,000	2,700,000	3,300,000	122
Fall rye	254,200	328,000	440,000	460,000	105
Spring rye	68,400	57,000	56,000	75,000	134
All rye	322,600	385,000	496,000	535,000	108
Flaxseed	601,600	397,000	770,000	1,500,000	195
Rapeseed	416,600	511,000	1,000,000	2,000,000	200
Summerfallow	16,637,000	16,950,000	18,200,000	24,000,000	132
ALBERTA					
Wheat (incl. durum) .	6,006,400	6,460,000	5,300,000	2,600,000	49
Oats(1)	2,871,100	2,650,000	2,600,000	2,600,000	100
Barley	3,540,400	4,650,000	5,100,000	4,700,000	92
Fall rye	136,600	84,000	133,000	155,000	117
Spring rye	25,800	30,000	47,000	60,000	128
All rye	162,400	114,000	180,000	215,000	119
Flaxseed	365,200	285,000	550,000	850,000	155
Rapeseed	400,600	450,000	816,000	1,600,000	196
Summerfallow	7,114,100	7,000,000	7,400,000	8,900,000	120

(1) Includes oats for grain and for hay.

Preliminary Estimate of Durum Wheat Acreages
1970 with Comparisons - Prairie Provinces

Provinces	Average 1959-1968	1968	1969	1970	1970 as % of 1969
		acres			%
Manitoba	84,700	130,000	170,000	115,000	68
Saskatchewan	1,404,900	2,000,000	2,600,000	2,500,000	96
Alberta	166,300	240,000	384,000	450,000	117
Prairie Provinces .	1,655,900	2,370,000	3,154,000	3,065,000	97

Area in Other Crops

The area in tame hay, mixed grains and most other crops will be published in the regular acreage release (C.R. No. 13) on July 31. Test and limited commercial acreages of some of the less well known crops are likely to make a stronger showing this year as both farmers and the Trade seek alternative crops in view of the wheat acreage reduction program in 1970. The following is only a record of the appearance of such crops based on Trade sources of information. Sizeable acreages of Safflower have been sown mainly in Saskatchewan and Alberta. Increased acreages of Canary Seed, used chiefly in birdseed mixtures, were reported to be sown in all three provinces with the largest area sown in Manitoba. Carambe a high erucic oilseed crop is being grown under contract in Manitoba as in the past several years. A substantial area of the spice Corriander has been sown in Manitoba and is being promoted by commercial interests. Adzuki Beans and Japanese Millet have also been planted in Manitoba and southern Alberta this year.

SUMMARY

Prairie Provinces

Recent rains have assured adequate moisture supplies in nearly all areas of the Prairie Provinces. Flooding is reported in some districts of Saskatchewan and Alberta. Warm weather accompanying the rain has advanced plant growth so that cereals are in head in many districts and flaxseed and rapeseed are in flower, although in parts of Manitoba and Saskatchewan progress is still behind normal. The outlook is generally promising based on conditions at present. Hay yields and pastures are good and haying was general prior to delays caused by the recent wet weather.

Manitoba

Throughout most of Manitoba widespread showers and warm weather are advancing crops rapidly. However, parts of the Interlake, Hamiota, and Melita areas need rain. Early-seeded cereals are now coming into head. Flax ranges from a few inches in height to the bloom stage. Most special crops have been cultivated and prospects appear to be excellent. Weed growth has been heavy and spraying is still under way. Haying is well advanced. Livestock are in good condition.

Saskatchewan

General rains in Saskatchewan have brought about excellent growing conditions and crops are progressing rapidly. Development is normal in the west and the north but two weeks behind in the southeast. Heavy weed infestation is reported with reduced spraying and delayed summerfallow operations. Most of the fall rye crop is in head and prospects are good. Hay yields are expected to be excellent although delays due to rain have resulted in some deterioration of the crop which had already been mowed. Only light damage from scattered hailstorms and insects is reported.

Alberta

Alberta crop conditions remain good to excellent in most districts with soil moisture supplies generally good throughout the province. In the past week widely scattered thundershowers brought heavy rains and isolated hail damage to some central areas. Hail damage on July 11 was severe in the Viking area. Hail fell over a path 30 to 40 miles long and 3 to 8 miles wide. Most crops are rapidly reaching maturity due to hot weather and good moisture conditions. Rapeseed and flaxseed crops are in flower and all wheat, oats and barley crops are heading.

MANITOBA

At Vita in southeastern Manitoba crops are growing well and haying in the area is almost completed. Second growth appears to be good. Early-seeded crops are now in the shot blade. In the region around Morden crops are progressing very well under ideal temperature and moisture conditions. Wheat, sunflowers, corn and rapeseed are developing very well in spite of the late season. There was some local flooding between Winkler and Morden last week. Spraying for weed control is now about completed. Hoeing of sugar beets is progressing well with about 50 per cent finished. The final cultivation of sunflowers will take place this week. Potatoes are hilled and early fields are in bloom.

At Somerset in the south-central region there are some good stands of flax and rapeseed. Haying has started and good yields are expected. Pastures are in good condition. Precipitation during the past week at Melita was 2/10 to 6/10 of an inch. Rain is urgently needed over most of the area. Early crop yields are expected to be reduced considerably. The rye crop is maturing prematurely and hay yields do not look promising. Pastures are generally dry. Crops are now heading out but are short.

In the Winnipeg area at Beausejour early-seeded cereals are beginning to head, while later crops are advancing rapidly. Moisture conditions are adequate. Haying is general but slow due to wet conditions. However, yields are expected to be good. Summerfallowing is general and weed growth is heavy. At Selkirk during the past two days approximately 3.5 inches of rain were received which has benefited crops. Areas formerly reported as being dry have now sufficient moisture for good crop growth. At present crops look very good in the district. There have been a few reports of aphids on barley and leafhoppers on flax and barley. Also, there has been some leaf disease on barley and rust on oats. A good percentage of the early-seeded crops has headed out and spraying of the late-seeded crops is virtually completed. Vegetable crops appear good and raspberries and strawberries are yielding well. The past two weeks have seen excellent weather for haying and this operation is approximately 50 to 60 per cent completed. Pastures still look very good. In the area around Portage la Prairie growing conditions for most crops are very good and moisture conditions are adequate. Most crops are about two weeks behind but growing rapidly. Early

cereals are in the shot blade, while early rapeseed and flax are in blossom. There is a high infestation of difficult weeds to kill, but a good job of spraying has been carried out. Haying is well under way and good to excellent yields are being reported.

In the Brandon area frequent showers and high temperatures have been common. Surface moisture is abundant and haying operations have been seriously interrupted. Corn is making rapid growth. Leaf rust has been observed on wheat but crop prospects appear to be good. Severe thunderstorms were received the past week at Virden and these have resulted in excellent moisture conditions. Cereal crops are advancing rapidly with some of the early-sown crops in the shot blade. Haying operations are about 25 per cent completed. There has been some scattered hail damage in the area.

In the Interlake district at Arborg seasonal rainfall has varied considerably and in the western areas conditions are drier. Some rain was received over the weekend and hot weather has aided in bringing crops along. Cereals, other than fall rye, have not headed as yet. Crops are generally in good condition.

In west-central Manitoba at Neepawa hot, sunny weather during the past week has enabled haying operations to become general. Both cereals and special crops are growing well. Rapeseed and some flax are now flowering. A small acreage of cereals has begun to head. Moisture conditions are adequate throughout most of the area. The rapeseed crop looks promising around Minnedosa. Approximately one-half of the wheat and barley is in the shot blade. Haying operations are under way but have been delayed due to frequent rains. However, hay and pastures look good. Weed growth is heavy in crops and summerfallow and many fields could not be sprayed due to the rain and the lateness of the season. About 90 per cent of the first operation on summerfallow has been completed. The Shoal Lake area reports that there were rain showers over the past weekend. Early-seeded cereals are heading out and the rapeseed crop is doing well with very little insect damage being reported. Tame hay yields are above average. Moisture supplies are adequate for continued good growth. At Russell moisture conditions are also good. All crops are growing rapidly and fall rye is ripening. Early-seeded cereals are heading out. Haying is about 30 per cent completed and yields to date have been very good. Pastures are in good condition. Most spraying in the area has now been completed.

At Dauphin in the northwest part of the province all crops are making excellent progress. Moisture supplies are satisfactory. A large percentage of the hay crop was put up last week in excellent condition. Pastures are average to good. At Swan River warm, sunny weather, which prevailed during the past week, promoted excellent growth. Early-seeded crops are now headed. Haying operations are progressing favourably. Generally, crop conditions are very good.

The unweighted average precipitation for the province since April 1 has been 30 per cent above normal, compared with 30 per cent above normal a week ago, 35 per cent above normal two weeks ago and in contrast to 0.3 per cent above normal a year ago. Mean temperature for the week ending July 13 was 5.0 degrees above normal compared with 0.3 degree above normal a week ago, 1.9 degrees above normal two weeks ago, and 1.0 degree above normal for the week ending July 14, 1969.

SASKATCHEWAN

At Yellow Grass in southeast Saskatchewan crops are three weeks behind normal. On July 13 there were between one and two inches of rain with some hail. Farmers have almost completed spraying operations in the district. The hay crop is good and hot weather is now needed to hasten maturity. At Indian Head 0.93 inch of rain during the past week has maintained moisture at a high level and all crops continue to make excellent growth. Early-seeded crops are heading rapidly and are from 24 to 26 inches high while late-seeded crops are in the shot blade at 18 to 20 inches in height. Summerfallow fields are in good condition with a new growth of weeds just starting. Farmers are delaying spraying due to the wet ground and windy conditions and many fields will not be sprayed this season. Haying is well under way with an excellent crop being taken off although wet weather during the past week has hampered activity. No damage from insects is reported and no rust has appeared yet. Livestock are in excellent condition on good pastures.

Recent warm weather has advanced crops quite favourably in the Gravelbourg district. Most of the barley is headed and an estimated 25 per cent of the wheat is also in head while 10 per cent of the flax acreage is in bloom. Stands are heavy except for flax which is patchy as a result of a heavy June cloudburst. Haying operations are about 20 per cent completed in spite of some delay caused by recent showers.

In the southwest part of the province at Val Marie reports indicate that hayland is producing much better this year than last with average yields running between 2.5 and 3 tons per acre. Rain on July 13 amounted to 1.3 inches stopping farmers from picking up bales from the first cutting. Cereals and oilseeds are doing very well with the former headed and flax crops in flower. Pastures are in good shape. Summerfallow is described as very weedy in places. Total rain since April 1 amounted to 7.12 inches. In the Eastend district localized hail damage is reported but there have been no insect problems to date. Crops are 16 to 18 inches high and from 25 to 30 per cent in head. Recent rains will prohibit cutting of oats by July 15. Cattle and pastures are in good condition and hay crops are also good.

At Swift Current wheat is beginning to head and stands are thick and tall. No diseases of any consequence have been observed on cereals this season. Haying is in progress and some difficulty is being experienced with curing because of the humid weather and showers. Hay crops are heavy, however, and pastures are in excellent condition. Our correspondent at Leader reports that crop growth continues good with average or above average yields in prospect. Haying is under way in the district.

At Melville crops are looking good with plenty of moisture. Hay crops are good and haymaking is under way but some lowlying land is under water. Temperatures have been high during the past two weeks and rainfall this year has been 6.33 inches compared with 5.68 last year.

In the west-central part of the province at Rosetown cereals are heading out and rapeseed is in flower. Fall rye is filled and should average 20 to 25 bushels per acre. Moisture supplies are ample up to the present. Most farmers are summer-fallowing and haying. Crops are generally about seven days behind normal and there has been some hail damage to the north and northeast of Rosetown.

All crops are making good to excellent progress under ideal growing conditions in the Melfort district. Wheat and coarse grains are in head and flax and rapeseed

in full bloom. Farmers in the district are making satisfactory progress with their haying and yields are running two tons or better. Fall rye is changing colour. There is little disease evident other than an infestation of scald on barley. Reports from Meota indicate that heavy rains during the past month have made summerfallowing and haying almost impossible. Rainfall since April 1 totalled 9.37 inches in contrast to the long-time average of 5.82 inches. Crops are promising especially barley which appears much better than average. Pastures are excellent but hay flats are under water so that there is a trend to more silage making as a result of the poor haying weather.

The Saskatchewan Municipal Hail Insurance Association reports the following storms since the last report - July 5 - Lloydminster, Maidstone, Hepburn, Warman, Aberdeen, Lanigan, Drake, Semans, Wishart, Jedburg, Yorkton, Harris, Outlook, Kenaston, Davidson, Imperial, Cymric, Sedley, Fillmore, Carlyle, Redvers, Storthoaks. July 6 - Turtleford, Hafford, Waldheim, Rosthern, Tyner, Rosetown, Shamrock, Bateman, Gravelbourg, Rock Glen, Coronach, Crystal Hill. July 9 - Climax, Oxbow.

The unweighted average precipitation for the province since April 1 has been 33 per cent above normal, compared with 35 per cent above normal a week ago, 25 per cent above normal two weeks ago and in contrast to 12 per cent below normal a year ago. Mean temperature for the week ending July 13 was 5.0 degrees above normal compared with 0.5 degree below normal a week ago, 5.6 degrees above normal two weeks ago and 0.7 degree below normal for the week ending July 14, 1969.

ALBERTA

At Manyberries in southeastern Alberta crops are improving greatly as a result of recent rains. Wheat is now 80 per cent headed and 28 inches high. Yields are expected to be around 15 bushels per acre for wheat. Fall rye is 30 inches high and in generally poor condition but spring rye crops are very good at 48 inches high and are ripening well. Livestock are in good condition and pasture and water supplies are adequate. No hail nor insect damage has been reported yet. Around Medicine Hat all crops are in good condition. Flax is well into the flowering stage and cereal crops are headed out and starting to fill. Moisture reserves are described as good.

In southwestern Alberta in the Lethbridge area the very hot, dry weather of the past week has accelerated growth of winter and spring grains. Winter wheat is filling rapidly and spring grains are heading. Flax crops are now flowering and rapeseed and mustard crops are setting seed. Canning corn prospects are good while potatoes and sugar beets are progressing satisfactorily. Canada thistle has become unusually abundant. Range conditions are good but more moisture is needed. In the Cardston area haying is 50 per cent completed and hay harvested to date appears to be in good condition. Fall wheat is filling well and spring grains are now heading. Barley is nearly all headed and rapeseed is in the bloom stage. The weather has generally been dry and warm but more moisture is required for the filling of spring crops. Pastures are holding well and livestock are in good condition. Around Claresholm the weather continues warm and dry. Barley is now headed out and flax is in flower. It is expected that yields in the area will be about average.

In central Alberta around Stettler crop conditions are very good due to recent rains. Weed spraying has been delayed and a large proportion of the crops will not be sprayed due to wet field conditions and the advanced growth of the crops. Barley stands are heavy and it appears likely that many of these crops will lodge badly. Haying has been delayed by the wet field conditions.

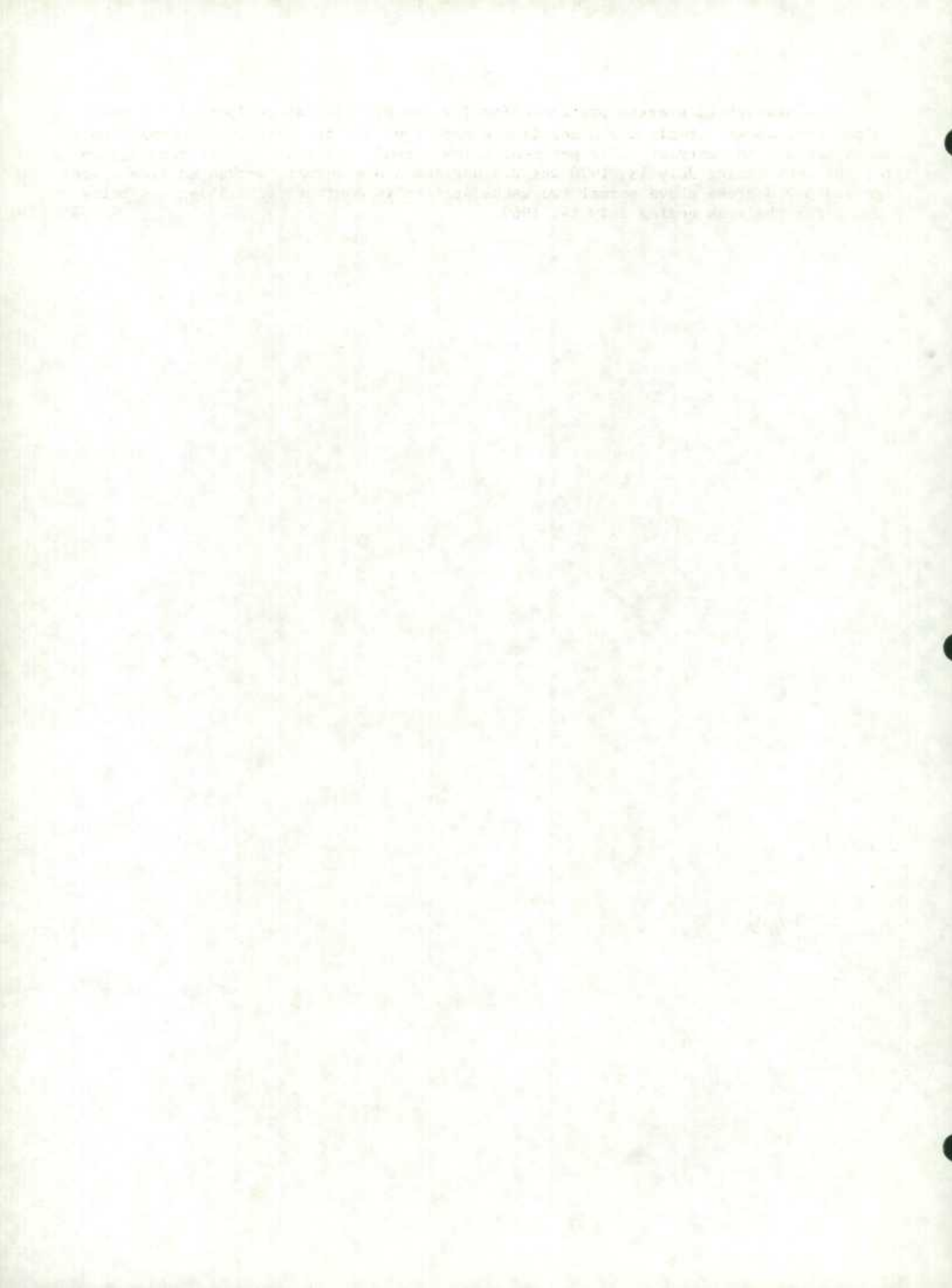
In the Red Deer area of west-central Alberta rains in the past week have hampered haying activities. Hay yields appear to be larger than last year and the crop has matured approximately a week earlier. Some hail damage has been reported in the southwestern part of the area. Crops in some areas are uneven ranging from a very good stand to very poor on low or washed out areas. Around Lacombe one inch of rain in the last week has brought the total since April 1 to 9.67 inches compared to the average of 7.67 inches. All crops continue to look good. Haying operations are continuing with some delays due to showers. In the Eckville area 1.8 inches of rain which fell on July 10 and 11 interrupted haying operations and resulted in excessive moisture conditions in some cereal crops. Haying is now 40 per cent completed. Crops are maturing quickly under ideal growing conditions. Barley is 60 per cent headed and oat crops are starting to head. Summerfallow is in fair condition.

In north-central Alberta around Colinton wet weather continues, causing severe damage to crops in low-lying areas which in many instances are under two to five inches of water. Crops on higher land not affected by excessive rain are doing very well with plentiful moisture conditions and excessive heat. Isolated areas report hail damage ranging from 30 to 100 per cent. During the past week very little haying has been done due to wet weather conditions and if haying operations are delayed much longer the hay crop will be inferior in quality. Pasture lands show abundant growth in most areas except where flooding has occurred. Rainfall in the past week varied from 2.7 inches to 4.2 inches. Most rain came down in large downpours accompanied by some hail. Average rainfall this year is 13.1 inches.

In the Peace River District around Beaverlodge no general rain has been received. However, heavy showers have alleviated the drought in scattered areas. Haying operations are in full swing with reported yields averaging less than one-half ton per acre. Early cereal crops are now heading with stands very light except for those sown on summerfallow. Oilseed crops are in full bloom. Fescue crops are ripening prematurely due to the drought conditions and yields are expected to be much below average. In the High Level area .06 inch of rain has been received in the past week. Moisture conditions are described as fair. Barley and wheat crops are now all headed and heading in oat crops is approximately 50 per cent. Flowering in rapeseed crops is general and in early fields pods have formed. Flax crops have flowered in most cases. Haying is generally under way with yields lower than expected earlier. Pasture conditions are described as poor to fair. The alfalfa seed set is limited.

The Alberta Hail and Crop Insurance Corporation reports considerable hail damage to Alberta crops by the following storms: July 9, storm at Mayerthorpe severely damaged a strip two miles wide and twenty miles long running from northwest to southeast; storm beginning southwest of Carstairs, moving east through Acme, Bircham and Carbon, very severe damage caused by stones of golf-ball size. July 11, 3,000 acres damaged by 15 minute storm five miles west of Westlock--loss estimated to be 50 to 100 per cent; very severe storm began ten miles east of Camrose and moved east in path six to eight miles wide and 35 miles long; severe damage caused by wind and hail to crops and buildings. The storm passed directly over Viking with very severe damage; moderate damage in two mile swath caused by storm five miles south of Conrich; storm moved due east passing four miles north of Langdon; storm beginning at Gleichen moved east through Makepeace to north of Gem; medium damage to early crops in strip 20 miles long and one mile wide; July 12, storm beginning at Bassano moved east over Rosemary and north of Duchess; walnut-size stones caused heavy damage in strip 20 miles long and 10 miles wide; storm 8 miles north of Vulcan moving from northwest to southeast caused light damage in two mile strip mostly confined to township 18, ranges 23, 24 and 25.

The unweighted average precipitation for the province since April 1 has been 20 per cent above normal, unchanged from a week ago, 0.4 per cent above normal two weeks ago and in contrast to 12 per cent below normal a year ago. Mean temperature for the week ending July 13, 1970 was 2.3 degrees above normal, unchanged from a week ago and 5.2 degrees above normal two weeks ago and in contrast to 2.3 degrees below normal for the week ending July 14, 1969.



Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending	
		Week ending	Total	Normal	8 a.m.	
		8 a.m. July 13, 1970	since April 1	since April 1	July 13 1970	Normal
			inches		degrees F.	
<u>MANITOBA</u>						
1	Boissevain	.37	7.59	7.83	73	67
	Pierson	.28	7.71	7.31	71	68
2	Baldur	.45	11.15	7.78	72	68
	Pilot Mound	.82	13.22	7.55	72	67
3	Altona	.81	16.13	6.90	76	69
	Deerwood	.52	9.67(2)	7.48	75	70
	Graysville	.35	9.68	7.07	73	68
	Morden	1.88	13.71	7.56	76	71
	Morris	1.60	10.15	7.09	76	70
	Portage la Prairie	.42	8.17	8.85	74	70
	Roland	N.R.	8.99(2)	7.37	N.R.	69
4	Stonewall	1.03	9.88	7.80	73	68
5	Emerson	1.81	15.36	7.17	76	69
	Steinbach	1.32	10.97	7.38	74	68
	Winnipeg	.25	8.58	7.43	74	68
	Starbuck	.85	8.73	7.38	75	68
6	Pinawa	.44	8.50	7.37	73	68
	Great Falls	N.R.	5.12(2)	5.64	N.R.	68
	Sprague	1.04	13.29	7.79	72	66
7	Rivers	.17	6.20	7.78	73	67
	Virden	1.09	8.09	7.32	73	68
8	Brandon	.34	6.49	7.84	72	67
	Cypress River	.25	11.10	7.59	74	68
9	Gladstone	.02	7.98	7.88	N.R.	67
10	Birtle	.32	7.44	7.58	70	65
	Rosburn	N.R.	8.19(2)	7.07	N.R.	65
	Russell	.09	6.00	6.37	68	65
11	Dauphin	.11	6.74	7.80	71	68
12	Arborg	.44	7.45	7.46	70	66
	Gimli	1.78	8.20	7.48	73	68
	Swan River	.08	7.12	6.93	70	66
13	The Pas	.60	13.04	6.00	69	66
14	Grass River	.49	9.36	7.86	71	67
MANITOBA AVERAGE		.67	9.59	7.39	72.7	67.7

SASKATCHEWAN

1A	Carlyle	N.R.	9.56(2)	6.73	N.R.	67
	Estevan	1.31	10.87	7.03	75	68
	Oxbow	N.R.	7.52(2)	6.60	N.R.	66
	Willmar	N.R.	7.88(2)	7.30	N.R.	N.R.

For footnotes, see page IV.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. July 13, 1970	since April 1	since April 1	8 a.m. July 13	
			Inches		1970	Normal
						degrees F.
SASKATCHEWAN - Continued						
1B	Broadview	.27	6.73	7.63	70	65
	Moosomin	.76	7.80	7.62	69	67
2A	Yellow Grass	.40	9.29	6.68	73	67
	Weyburn	.25	8.18	6.64	73	66
	Midale	.28	9.50	6.59	74	67
2B	Moose Jaw	.18	7.98	6.38	74	68
	Regina	.01	7.33	6.67	72	66
	Francis	trace	11.08	6.21	72	65
	Indian Head	.71	10.48	6.51	71	65
3AS	Ormiston	.09	5.43	7.04	74	66
	Cardross	Nil	5.24(2)	6.88	73	67
	Ceylon	.27	9.62	6.94	73	65
3AN	Gravelbourg	N.R.	8.27(2)	5.82	N.R.	66
3BS	Shaunavon	.72	7.86	6.03	72	65
	Pambrun	.19	7.87	6.53	72	67
	Aneroid	trace	6.57	5.70	72	66
	Instow	.64	4.84(2)	6.26	71	66
3BN	Swift Current	.33	11.93	6.58	72	66
	Pennant	.12	7.37	6.26	72	67
	Hughton	.76	9.61	5.40	71	67
4A	Maple Creek	.20	7.67	5.67	74	67
	Consul	Nil	5.40	4.72	72	65
4B	Leader	trace	6.90	5.34	71	68
5A	Cupar	.51	8.16	6.42	71	67
	Balcarres	N.R.	4.79(2)	6.95	N.R.	N.R.
	Lipton	1.69	8.24	N.R.	69	N.R.
	Melville	.63	7.73	N.R.	70	N.R.
	Yorkton	.74	7.63	6.56	70	65
	Bangor	N.R.	6.76(2)	7.26	N.R.	65
5B	Wynyard	.41	8.91	6.34	70	65
	Foam Lake	.15	5.39	6.46	71	65
	Kuroki	1.98	9.15	6.75	70	64
	Kamsack	.13	2.40	6.15	69	65
6A	Davidson	.48	7.58	6.49	70	65
	Strasbourg	1.36	7.23	6.97	73	65
	Watrous	1.16	6.51	5.99	71	66
6B	Harris	2.30	9.55	5.47	70	67
	Outlook	.96	8.60	5.29	72	68
	Rosthern	N.R.	3.09(2)	5.55	N.R.	66
	Saskatoon	.76	8.62	5.12	70	67
	Elbow	.33	5.83	6.31	69	66
	Tugaske	.14	8.62	6.76	72	66

For footnotes, see page IV.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending	
		Week ending	Total	Normal	8 a.m.	July 13
		8 a.m.	since	since		
		July 13, 1970	April 1	April 1	1970	Normal
			inches		degrees F.	
<u>SASKATCHEWAN - Concluded</u>						
6B	Dundurn	1.73	7.95	5.41	72	67
	Kindersley	.33	7.00	4.62	70	67
	Rosetown	.66	10.18	5.58	72	66
7B	Macklin	.20	6.81	5.18	69	65
	Denzil	1.39	10.00	5.34	67	65
	Scott	.72	12.37	5.51	68	64
8A	Biggar	1.14	9.83	5.52	69	66
	Hudson Bay	2.13	10.12	6.57	69	64
	Prairie River	N.R.	6.38(2)	6.98	N.R.	64
8B	Humboldt	1.70	6.09	5.75	70	64
	Melfort	.67	7.31	6.13	73	65
9A	North Battleford	1.15	9.27	5.28	69	66
	Victoire	1.15	7.26	5.89	72	62
	Prince Albert	.63	7.45	5.75	68	65
9B	Waseca	1.58	11.02	5.95	66	64
	Meadow Lake	.49	9.22	6.12	68	63
SASKATCHEWAN AVERAGE		.68	8.22	6.20	70.8	65.8
<u>ALBERTA</u>						
1	Empress	.20	5.10	5.26	73	67
	Foremost	.05	7.23	5.86	70	67
	Manyberries	N.R.	7.06(2)	5.57	N.R.	67
2	Medicine Hat	trace	7.36	5.48	74	69
	Brooks	Nil	7.86	5.33	70	67
	Hays	Nil	9.25	5.19	72	68
	Rainier	N.R.	6.31(2)	5.56	N.R.	67
	Vauxhall	Nil	7.49	5.20	71	66
	Raymond	trace	6.86(2)	6.47	71	67
	Lethbridge	Nil	5.94	6.96	72	66
	Trochu	.07	9.56	6.30	N.R.	64
	Queenstown	.29	10.08	6.91	69	65
	3	Calgary	.51	8.34	7.74	67
Cardston		trace	9.22	8.10	71	64
Pincher Creek		Nil	7.96	8.73	68	63
Fort MacLeod		Nil	7.98	7.95	71	67
High River		.29	11.06	8.66	66	61
Magrath		Nil	6.66(2)	8.20	72	65
Olds		.52	10.67	8.07	65	62
4	Alliance	.88	9.01	5.66	66	64

For footnotes, see page IV.



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Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. July 13, 1970	since April 1	since April 1	8 a.m. July 13 1970	Normal
			inches		degrees F.	
<u>ALBERTA - Concluded</u>						
4	Coronation	.29	5.30	5.24	68	64
	Hughenden	2.43	11.87	5.67	67	65
	Lloydminster	1.04	10.23	5.53	67	64
	Stettler	N.R.	11.22(2)	6.48	62	64
	Vegreville	2.29	7.72	5.86	66	64
	Ranfurly	1.69	7.96	6.29	65	63
	Vermilion	.74	7.16	5.49	65	62
5	Edmonton	2.52	7.78	7.40	63	64
	Lacombe	1.08	9.66	8.10	66	63
	Red Deer	.38	12.00	7.38	65	63
	Rocky Mountain House	2.07	11.92	8.82	64	61
	Wetaskiwin	2.13	9.53	7.48	62	63
6	Campsie	.61	4.17	7.36	62	60
	Edson	.40	6.46	8.17	60	58
	Elk Point	.99	6.95	6.31	64	62
	Lac la Biche	1.00	8.94	6.11	62	63
	Whitecourt	3.87	6.79	7.41	61	60
7	Beaverlodge	.12	2.75	5.61	60	60
	Ft. Vermilion	.06	4.58	4.56	60	61
	Grande Prairie	.10	2.50	5.70	61	60
	High Prairie	.50	4.95	6.36	59	61
	Peace River	.03	5.27	4.62	59	60
	Wagner	.97	8.95	5.60	59	61
ALBERTA AVERAGE		.70	7.83	6.53	65.9	63.6

(1) Source: Meteorological Service of Canada.

(2) Incomplete; not included in average.

N.R. No report.