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TELEGRAPHIC CROP REPORT - PRAIRIE PROVINCES

This is the fifth of the 1963 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.

S U M M A R Y

In general, crop prospects remain good to excellent over most of the Prairie Provinces. However, dry weather has taken its toll in southern Alberta whereas extremely wet weather has caused flooding and prevented completion of seeding in parts of eastern and northeastern Manitoba. Hay and pasture crops, again with the exception of southern Alberta, are generally good. Damage to crops from insects has been relatively light.

Warm, dry weather during the past week in Manitoba has permitted seeding to be resumed in most areas. In parts of eastern Manitoba one-third of the land will be too wet for cultivation for another week or more. No more than 30 per cent of the crop has been sown at Stonewall and Selkirk but operations are nearly completed in western and southern sections of the province. Crops are generally good except where flooding occurred in the first half of June or have turned yellow from excess moisture. In eastern sections one-third reseeding will be necessary. Weed spraying, sugar beet thinning, sunflower tillage and summerfallowing are now in progress. Hay growth is good in spite of winterkill. A smaller acreage has been sown to potatoes this year. Grasshoppers have hatched but little damage has occurred to date. Flea beetles and cutworms are active in northern Manitoba at Swan River.

Stands and growth of grain crops in Saskatchewan are generally good to excellent. Moisture conditions are also good in most areas as a result of recent rains and good growing weather prevails. Wheat averages seven and coarse grains five inches in height. Cutworms have been active in south-central, southwestern and west-central districts and considerable spraying has been done. Grasshopper activity is on the increase but spraying is underway to maintain control.

Prepared in the Crops Section, Agriculture Division

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ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa, 1963

Scattered showers of a week ago provided spotty moisture to crops over all areas of the province of Alberta, but a good general rain is required. Prospects in most southern regions are only poor to fair except where crops are irrigated. Soil moisture in the Olds, Drumheller and Hanna districts is fair to good with crops remaining in good to fair condition. North of these points, crops are generally good but moisture conditions are becoming deficient especially east of a line from Red Deer to Athabaska where grasslands, especially, require moisture. In the Peace River area the moisture situation is fair to poor and although crops continue ranging from good to fair rain is needed at most points. Good progress has been made with summerfallowing operations. Eighty per cent of the sugar beets have been thinned. Haying operations have commenced. Grasshopper infestations are reported to be spotty in the forecast area, and flea beetles are prevalent on rapeseed.

The Canada Department of Agriculture Research Station at Winnipeg reports that the first significant rust spore shower in western Canada was recorded on spore traps at Morden on June 6 and 7. Wheat leaf rust was found June 11 in wide areas of southern Manitoba. The majority of infections on Selkirk and Pembina wheat were of the moderately resistant type but a significant amount was of the susceptible type pustules. A trace of wheat stem rust has been found on susceptible wheats in southern Manitoba but the oat rusts have not been found in western Canada to date. It is impossible at the present time to predict the course of rust development but conditions are favourable for the spread of wheat leaf rust.

MANITOBA

A report from our correspondent at Vita in the southeast part of the province indicates that crops are recovering in the Dominion City, Emerson and Ridgeville areas from two to four inches of rain. Some fields may have to be worked over as summerfallow. Flax is still being seeded in drier areas. Weed spraying is general, but no spraying for grasshoppers has been necessary yet because most of them have been kept in check by the rain. Cereal crop seeding has been completed in the Altona district and a negligible amount of flax is yet to be sown. Some sugar beets are being replanted due to drowning. Cultivation of beets and sunflowers is being hampered by low wet spots in the field. Beet thinning is progressing well and farmers are cross harrowing sunflowers and also undertaking chemical weed control measures. Conditions for crop growth are excellent and pastures are very good.

Very little precipitation has been received at Morden since June 10. Wheat seeding is all finished, oats 90 per cent and flaxseed 85 per cent. The grasshopper hatch is now over. The warm, dry weather has brought the crops along well. Pastures are in good shape. Farmers have commenced to spray for weeds. Some reseedling of isolated low spots to flax is likely to be carried out, weather permitting.

In south-central Manitoba at Pilot Mound, rain has again delayed completion of seeding. About 10 per cent remains to be seeded. Early-seeded crops are good and growth is rapid. The grasshopper situation is not serious, but canker worms and pine needle scale are attacking farmstead and field shelter belts. General crop conditions appear excellent and sunny weather is now required. At Somerset seeding is being rapidly completed with approximately 5 to 10 per cent remaining to be done. Some low spots have been flooded and water erosion has occurred due to heavy rains. Growth is heavy on summerfallow land and the hay crop is very promising. Only a few grasshoppers have made their appearance but the pine needle scale is prevalent on evergreens. Farther west at Melita rainfall varying from zero to two inches has been

received since the last report. Some hail damage to flax has occurred covering about ten sections of land and wind damage to buildings in the Pipestone-Lauder area also resulted from the storms. Hay crops are good and the rye crop is headed with good crops on summerfallow but only fair to poor on second crop land. Wet weather is retarding weed spraying operations and grasshoppers are threatening in the southwest corner of the district.

East of Winnipeg at Beauséjour fields are saturated with excess moisture and field work will be delayed for at least another week. Early-seeded crops show yellowing and later-seeded crops are not germinating well. Weather permitting, farmers plan to seed flax, oats, buckwheat or rapeseed on the remaining unseeded acreage within the next ten days. In the Stonewall district frequent rains have been received, some of them very heavy. Seeding operations are still being held up in the district and no more than 25 per cent of the crop has been seeded. If good drying weather prevails for the next week, however, most farmers will seed at least some acreage. The wheat acreage in the district will probably be reduced to only 20 per cent of normal with barley also drastically reduced. The bulk of the crop will be oats. Hay yields will be lighter than last year due to flooding.

The Experimental Farm at Brandon reports that seeding is now being completed following interruptions of two weeks by showery weather. Only odd fields of coarse grains and flax remain to be sown. Some yellowing of grain is occurring in poorly drained fields. Crop prospects on the whole are very good, with hay fields promising heavy yields. Pastures are excellent. Dry, sunny weather is now needed to maintain the good crop prospects. All crops are growing well in the Virden area and pastures and haylands are looking very good. Some slight damage has occurred due to flooding of low spots on rolling land and also on extremely flat land.

Our correspondent from Neepawa reports that a localized deluge caused considerable damage to crops by sheet erosion and silting. Ten per cent of the crop acreage remains to be seeded in this area. Early-seeded crops are growing rapidly and hay crop prospects are very good. Flea beetles are doing considerable damage and weed and grasshopper spraying will commence this week. In the Minnedosa area warmer weather has produced excellent growth of grain crops, hay and pastures. A small acreage remains unseeded and will be completed by mid-week. Insects on trees and crops are fairly serious but damage should not be too great. A report from Russell indicates that very heavy rain last week caused soil erosion. Hay crops are looking very good. Spraying for grasshoppers is in progress, the hatch being 75 to 100 per cent complete. There is a heavy infestation in some parts of the district.

In northern Manitoba at Dauphin seeding is almost completed with good germination. Moisture supplies are satisfactory and crops are making excellent growth. Weed spraying has started and also spraying for grasshoppers and flea beetles. In the Swan River district seeding operations are completed except for small amounts of rapeseed. Crop conditions are good with adequate moisture supplies now available. Grasshoppers are doing considerable damage and spraying operations are underway. Some cutworm damage to crops has occurred and flea beetles have damaged rapeseed. Hay and pastures are good.

The Entomological Division of the Winnipeg Research Station reports that grasshopper hatching is completed or nearly so throughout most of the infested areas of northern, western and central Manitoba. In the Red River Valley hatching varies from 50 per cent to near completion. In the Swan River Valley hoppers are moving into cereal crops and causing damage but control measures are in progress.

The unweighted average precipitation for the province since April 1 has been 68 per cent above normal as compared with 89 per cent above normal a week ago, 59 per cent above normal two weeks ago and 48 per cent above normal a year ago. Mean temperature for the week ending June 17 was 4.1 degrees below normal as compared with 5.4 degrees above normal a week ago, 3.6 degrees above normal two weeks ago and 3.5 degrees above normal for the week ending June 18, 1962.

SASKATCHEWAN

In the southeast part of Saskatchewan around Willmar seeding has been completed and all crops look very good except for some rye stands which are thin. Pastures and forage crops show excellent growth. Farmers are now working summerfallows and some weed spraying is being undertaken. Grasshoppers are now hatching in the district. With 7.23 inches of rain since April 1 all dugouts are now full. Crops are also generally excellent in the Yellow Grass district although some root rot damage in unfertilized fields is evident. The recent warm weather has improved the look of most crops and weed spraying is now general. There has been no cutworm or grasshopper damage to date. Most summerfallows have been worked once and some twice. Crop conditions are also very good at Fillmore. Some wheat and barley fields appear yellow from sun scald. Fall rye is heading but many stands are thin. Summerfallowing and spraying are progressing well and although grasshoppers are quite extensive in stubble crops damage from this source has been light to date. Pasture and hay crops are good.

The Experimental Farm at Indian Head reports that all crops made satisfactory growth during the past week, although a little slower than normal because of cool weather. Summerfallow work is backward in the area east of Indian Head. Spraying for weeds has started but growth has not been extensive. Fall rye is headed and stands are promising. Grasshoppers have not caused any significant damage to crops in this area as yet. Pasture and hay crops are making excellent growth and crested wheatgrass hay is now ready to cut. Livestock are making normal gains.

In the south-central part of the province at Big Beaver fall rye has headed and stands are good. Other cereal crops and forages also display fine stands. Summerfallow operations have been slowed down as the weather has been wet with 7.5 inches of rain being received since April 1. Some hail is also reported. Farmers are spraying for weeds but there has been no cutworm damage. The Experimental Farm at Swift Current reports that crops are making rapid growth and extensive spraying operations are underway to control cutworms and weeds. Grasshopper infestations are light. Due to the improved moisture situation a number of farmers have seeded some flax on stubble fields previously intended for summerfallow. Grass and forage crops have made a good recovery since the rain earlier this month.

The weather remains warm and dry in the Val Marie district to the south of Swift Current, and although subsoil moisture supplies are good surface supplies are only fair to poor. Rain will be needed within six days to maintain the very heavy stands of cereal crops. Early-sown fields are now in the shot blade stage. Weed spraying has been extensive and some spraying for grasshoppers has been undertaken. Range lands are very good and hay stands in meadows are also good. To the west at Eastend moisture conditions are good and wheat ranges from 6 to 14 inches in height while coarse grains range from 9 to 12 inches. Some cutworm and grasshopper damage has been reported and aphids and leaf hoppers are in evidence. All summerfallows have

been worked once and forage crops look excellent. At Leader light rains and warm weather are providing good growing conditions and early crops are now stooling. Grasshopper outbreaks have been held in check by spraying operations. Pastures are rated as fair.

In the east-central part of the province at Togo all crops are making excellent growth and moisture conditions are good although reserve supplies are not excessive. Weed spraying is well advanced and control has been good. There are some heavy localized pockets of grasshoppers and some spraying is being done. Hay crops are well advanced and pastures are good. General crop conditions are above average for this time of the year but regular rains will be needed to maintain present rates of growth. With warm sunny weather during the past five days growth of all crops has been good in the Melville district. Moisture supplies are very adequate with total precipitation since April 1 amounting to 6.89 inches. Spraying for weeds is in full swing and some farmers are spraying headlands to control grasshoppers, but the overall outlook is for light grasshopper damage in the district.

In the central part of the province around Drake summerfallow grain crops are excellent but second crop stands tend to be thin and patchy. Grain averages 8 to 10 inches in height and moisture conditions are good with seasonal rainfall so far amounting to 5.2 inches. Chemical weed spraying is now nearing completion. The grasshopper hatch which was delayed by cool weather is now progressing rapidly. Crops are also growing well in the Saskatoon district, with early-seeded fields being 8 to 12 inches in height. Reserve moisture supplies are adequate for two weeks of growth. Grasshoppers are still hatching and light damage on the margins of some fields is evident. Cutworms are causing some damage and flea beetles are abundant in late crops and some spraying has been necessary.

In the Rosetown district in the west-central part of the province moisture conditions are rated as good and prospects at this time are for an above average crop. Wheat averages 6 to 8 inches in height. There has been some cutworm damage but spraying for this pest is now nearly complete. Grasshopper activity has been light to date. The Experimental Farm at Scott reports that warmer, and dry weather is now promoting rapid crop growth. Rainfall amounting to 0.8 of an inch since the last report has improved the forage crop situation. Early cereal crops are now in the five to six leaf stage. Weed spraying is well advanced and although cutworms and grasshoppers are causing some crop damage to the south, damage around Scott has been very light. To the north, at Paradise Hill, wheat averages 6 inches in height and looks healthy. Moisture supplies are sufficient for present crop needs. Pasture and hay growth is fair to good.

Good moisture supplies have provided excellent growing conditions for all crops in the Melfort district in the northeast part of the province. Early-seeded fields are now approaching the shot blade stage of development, and rye fields are heading. Spraying operations are in progress to control flea beetles which are active in rape fields in several areas. The crop outlook at this stage is very promising. Rain, which totalled 2.25 inches since the last report, plus warm weather is bringing crops along very quickly in the Nipawin district. Growing conditions are now excellent. Pasture lands are now improving while hay crops are very good. A recent hail storm caused some damage to gardens but they are expected to recover.

The Saskatchewan Municipal Hail Insurance Association reports that losses from recent hail storms were light except in some fields of fall rye. The following storms were reported. June 3 - Oxbow; June 6 - Constance; June 8 - Gladmar, Midale, Benson, Huntoon and Tantallon; June 9 - Carlyle; June 12 - Whitewood, Wapella and Maryfield.

The unweighted average precipitation since April 1 has been 29 per cent above normal compared with 56 per cent above normal a week ago, 13 per cent above normal two weeks ago and 2 per cent below normal a year ago. Mean temperatures for the week ending June 17 were 0.2 degrees below normal compared with 0.6 degrees below normal a week ago and in contrast to 4.4 degrees above normal two weeks ago and 3.4 degrees above normal for the week ending June 18, 1962.

ALBERTA

In the Manyberries area in the southeastern part of Alberta, early-sown wheat and barley are now heading and some fields are beginning to burn while others are growing well. The second summerfallow operation has begun. Subsoil moisture is poor to fair and surface moisture ranges from poor to good. Rains during the past few weeks were very spotty and more rain is required to make good yields. Native vegetation is reported poor to good. Livestock are in good condition. Drought conditions prevail in the Medicine Hat area and dry land crops are suffering badly. Grain crops are heading at four to six inches in height and yield prospects are very poor. Grasshoppers are heavy in localized areas. Irrigated crops are generally in good condition. Haying operations commenced this week and the alfalfa crop is good where irrigation is available. Pastures are short and livestock are only in fair condition. Outlook for winter feed supplies appear to be poor.

The Research Station at Lethbridge reports that widely scattered showers have provided only slight improvement in the moisture situation. Grasshoppers continue to threaten crops. Many fields have been re-seeded or sprayed due to outbreaks of the Pale Western cutworm, although drought conditions have masked the severity of the infestation. Grain crops are heading in the Cardston area and most fields appear to be in fair condition. All crops and pastures have improved with rain. There are no signs of any damage from grasshoppers as yet. Nearly two inches of rain in the Claresholm district have greatly improved the crop situation. Winter wheat and fall rye have made a good comeback and spring-sown grains look good. Although present prospects are fairly good, more rain will soon be needed.

Extremely dry conditions prevail in the Brooks area of south-central Alberta, with most farmers using irrigation. Most fields of irrigated alfalfa are good and cutting has commenced. Seed peas stands indicate a good stand. Early potatoes look good but some late potatoes may have to be irrigated. Farther west at Vulcan, two and one half inches of rain have fallen in the past two weeks. Although this is too late to help the hay crop, it will help rye and assist filling of winter wheat which is not as far advanced as rye. A considerable acreage has recently been seeded to flaxseed, oats and barley.

Dry, hot weather has prevailed during the past two weeks in the Hanna area of east-central Alberta. Crops look very good and are stooling nicely at an average height of six inches. Subsoil moisture appears to be well maintained, although a general rain is needed. Pastures and tame hay have suffered somewhat from lack of moisture. Grasshoppers are reported over most of the area with only light damage occurring. Spraying operations are general. A good rain was received on June 9 over all of the Calgary district with the exception of the eastern edge which only received about half an inch. This rain was urgently needed and has given crops a good start. However, more rain is now required to maintain average prospects. Hay and pastures have also improved but these crops will require additional moisture.

Farther north at Olds some rain fell last week but more moisture is required to maintain satisfactory conditions. Crops are generally at a standstill as hot, dry weather prevails.

In the central part of the province around Sedgewick, the weather has been warm and sunny and all crops are growing rapidly. Although some showers have helped moisture conditions, a good general rain will be needed soon. Spraying is being done as some fields are badly infested with pig weed and wild buckwheat. With the exception of some cover crops, seeding operations are all completed in the Donalda district. Moisture conditions are reported to be dry and grass is beginning to burn in some areas. Warm weather prevails at present.

In west-central Alberta, around Red Deer, seeding operations are completed and early-sown crops germinated well and are showing good growth. However, later seedings will require more moisture. Hay and pastures have advanced well but presently are showing little growth. Haying operations will commence this week. Farther west at Eckville, ideal growing weather prevails. Crops have rooted well and no damage is reported. Pastures are in good condition and livestock are thriving. The hay crop is better than average and haying will be in full swing next week.

In the Vermilion district, in the northeast part of the province, crops are about one week later than usual but are doing very well. Moisture supplies are plentiful and wheat averages about six inches in height. Spraying operations are in progress this week, with wild oats and buckwheat a problem. Pastures and hay crops are in very good condition. Around Edmonton, crops are making rapid progress. Although present moisture conditions are fair, more rain will soon be needed if warm weather continues. Scattered showers have occurred around Stony Plain in the past two weeks with over half an inch in some areas and none in others. A good, general rain is now required throughout the entire district. Early-sown wheat averages about one foot in height. Haying operations will commence a little later than last year and the crop appears to be somewhat lighter than a year ago.

In the Bonnyville area of northeastern Alberta, dry, warm weather has permitted completion of late seeding. Scattered showers have provided enough moisture for normal growth of cereals but forage crops are badly in need of rain. In general, prospects are considered to be fair. North of Edmonton around Colinton the rainfall since May 1 has amounted to 2.3 inches. Crops are in good condition but could use more moisture for late-seeded crops as well as hay. Wild oats are a problem in early-seeded wheat and caterpillars have taken most of the leaves off trees.

A report from Beaverlodge in the Peace River area indicates that stands of early-sown cereals and oilseed crops are even and growth is satisfactory. However, late-sown crops are spotty due to a lack of surface moisture. Pastures are drying up and hay and grass seed yields will be light due to the continuing drought. Yields of cereals will also be reduced unless rain occurs very soon. In the Fort Vermilion area in the far north all crops are in good condition and moisture supplies are good. Since June 1 there have been intermittent days of sunshine and 0.37 inches of rain. Emergence of late-seeded crops has been good. Haying operations should commence in about ten days. Pastures are in good condition. Summerfallow and weed spraying operations are general.

The unweighted average precipitation for the province since April 1 has been 31 per cent below normal compared with 24 per cent below normal a week ago, 27 per cent below normal two weeks ago and in contrast to 10 per cent above normal at the same time a year ago. Mean temperature for the week ending June 17 was 4.6 degrees above normal compared with 0.4 degrees above normal a week ago, 2.8 degrees above normal two weeks ago and 1.2 degrees above normal for the week ending June 18, 1962.

OUTLINE MAP OF THE PRAIRIE PROVINCES
SHOWING
CROP DISTRICT BOUNDARIES



Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m.	Total since April 1	Normal since April 1	Week ending 8 a.m. June 17	Normal
		June 17, 1963			1963	
		- inches -			- degrees F. -	
MANITOBA						
1	Boissevain	.65	9.01	5.16	60	60
	Pierson	.10	8.71	5.01	58	61
	Waskada	.10	8.00	4.96	55	60
2	Ninette	.09	5.78	5.54	56	61
	Pilot Mound	.42	8.98	5.02	56	59
3	Altona	.26	8.59	4.61	58	61
	Deerwood	.34	11.23	4.91	58	61
	Graysville	N.R.	7.53 ^{2/}	4.71	N.R.	61
	Gretna	.34	5.98	4.76	58	61
	Morden	.02	9.56	5.18	58	62
	Morris	.71	5.88	4.48	57	63
	Portage la Prairie	.24	9.92	4.82	58	62
	Roland	.24	7.81	4.76	58	61
4	Stonewall	.52	9.74	4.50	56	61
5	Emerson	.45	7.05 ^{2/}	4.77	58	63
	St. Genevieve	N.R.	3.34 ^{2/}	4.83	N.R.	61
	Steinbach	.60	8.51	5.00	58	61
	Winnipeg	.53	9.08	4.66	57	61
6	Seven Sisters Falls	1.08	9.22	4.15	54	59
	Sprague	1.28	7.80	5.31	55	59
7	Reston	.06	8.28	4.82	58	61
	Rivers	.09	6.22	5.01	57	59
	Virden	.26	7.62	4.65	57	61
8	Brandon	.46	6.73	5.19	56	60
	Cypress River	.09	7.32	4.74	58	61
9	Kelwood	N.R.	6.85 ^{2/}	4.68	N.R.	60
10	Birtle	.09	8.77	4.20	52	59
	Rosburn	.88	10.06	4.21	55	59
	Russell	.31	5.94	4.12	53	58
11	Dauphin	.57	7.65	4.42	55	62
	Gilbert Plains	.65	5.92	4.42	54	62
12	Arberg	1.39	9.76	4.29	54	61
	Gimli	1.31	8.40	4.52	56	61
13	Swan River	.67	4.74	3.76	56	59
	The Pas	.80	3.62	3.52	55	58
14	Grass River	.47	7.22	4.68	56	60
MANITOBA AVERAGE		.49	7.85	4.68	56.4	60.5
SASKATCHEWAN						
1A	Carlyle	.13	8.21	4.32	57	59
	Estevan	Trace	9.69	4.58	60	61
	Oxbow	N.R.	7.62 ^{2/}	4.82	N.R.	61
	Willmar	.05	6.81	4.51	N.R.	61

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. June 17, 1963	since April 1	since April 1	June 17 1963	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (continued)						
1B	Broadview	.08	6.58	4.31	55	57
	Moosomin	.42	7.69	4.74	56	60
2A	Yellow Grass	.06	6.87	4.08	60	60
	Creelman	.26	5.49	4.21	58	59
2B	Weyburn	.08	6.91	4.21	59	59
	Midale	.08	9.18	4.31	60	60
	Claybank	Trace	6.57	4.31	61	60
	Moose Jaw	.03	5.90	4.26	61	61
	Regina	.06	5.88	4.22	58	60
	Francis	.21	7.03	3.86	58	59
3AS	Qu'Appelle	.77	7.20	4.95	56	59
	Indian Head	.20	5.67 ^{2/}	4.42	58	59
	Wilcox	N.R.	6.18 ^{2/}	4.08	N.R.	60
	Ormiston	NIL	5.18	4.31	62	60
	Minton	.01	6.42 ^{2/}	4.78	58	61
	Cardross	N.R.	6.63 ^{2/}	4.41	N.R.	60
3AN	Ceylon	Trace	7.49	4.80	57	60
	Chaplin	NIL	5.62	3.90	61	60
	Gravelbourg	Trace	5.92 ^{2/}	3.71	62	60
3BS	Coderre	NIL	5.59 ^{2/}	4.09	59	60
	Shaunavon	Trace	4.76	4.01	61	59
	Pambrun	NIL	4.64	4.02	62	60
	Aneroid	NIL	5.25 ^{2/}	4.33	61	60
	Val Marie	N.R.	3.98 ^{2/}	3.21	N.R.	59
	Instow	NIL	5.03	N.R.	60	N.R.
3BN	Swift Current	Trace	3.83	4.37	61	60
	Hodgeville	NIL	4.24	3.94	61	60
	Hughton	Trace	2.58	3.43	61	61
4A	Maple Creek	Trace	2.19	3.85	67	60
	Censul	NIL	2.58	3.55	63	58
4B	Abbey	NIL	3.92	3.47	63	60
5A	Cupar	.37	6.11	3.92	57	59
	Lipton	.29	7.06	3.90	55	59
	Melville	.45	7.00	3.87	55	59
	Yerkton	.42	5.56	3.88	58	59
	Banger	1.09	8.55	4.09	55	59
	Dafee	.37	6.43	3.58	56	60
5B	Foam Lake	.19	3.71	4.23	56	58
	Kuroki	.17	3.72	4.20	54	57
	Lintlaw	.37	3.82	4.16	54	56
	Kamsack	.30	3.45	3.56	55	59
	Davidson	.10	4.91	3.79	58	59
	Imperial	N.R.	7.04 ^{2/}	4.05	N.R.	59
6A	Strasbourg	.02	5.58	4.14	57	58
	Watrous	.41	5.17	3.70	57	59

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. June 17, 1963	since April 1	since April 1	June 17 1963	Normal
		- inches -			- degrees F. -	
<u>SASKATCHEWAN</u> (concluded)						
6B	Delisle	NIL	3.81	3.45	60	60
	Harris	NIL	3.19	3.38	61	59
	Outlook	.02	4.19	3.34	62	61
	Saskatoon	.12	4.21	3.53	59	60
	Elbow	.04	4.10	3.71	59	61
	Tugaske	.06	5.63	4.19	59	59
	Dundurn	.10	4.23	3.71	59	59
7A	Alsask	N.R.	1.74 ^{2/}	N.R.	N.R.	60
	Kindersley	NIL	3.59	3.06	62	59
	Rosetown	.02	4.48	3.70	60	58
7B	Macklin	.20	5.44	3.64	62	58
	Denzil	.12	5.08	3.64	63	58
	Scott	.03	3.85	3.68	61	57
	Biggar	.08	4.84	3.60	62	59
8A	Hudson Bay	.30	2.39	3.87	55	56
	Prairie River	.57	3.09	4.00	52	55
	Armit	N.R.	.59 ^{2/}	3.27	N.R.	56
8B	Humboldt	.45	5.36	3.67	57	57
	Melfort	.32	3.77	3.70	55	59
9A	North Battleford	.26	3.90	3.44	62	59
	Victoire	.31	4.83	2.99	57	57
	Prince Albert	.39	3.29	4.00	57	59
	Island Falls	.13	2.57	3.65	56	54
9B	Waseca	1.27	3.49	3.77	62	57
	St. Walburg	.15	1.84	3.63	58	56
SASKATCHEWAN AVERAGE		.18	5.11	3.95	58.8	59.0
<u>ALBERTA</u>						
1	Empress	NIL	1.28	2.65	66	61
	Foremost	.03	1.23	4.58	67	60
	Hanna	.06	2.02	3.49	64	59
	Manyberries	Trace	2.44	3.32	66	60
	Medicine Hat	Trace	2.38	3.83	69	62
	Nace	N.R.	2.17 ^{2/}	3.28	N.R.	58
	Winnifred	.03	2.03	4.00	N.R.	62
2	Brooks	NIL	1.01	3.67	64	60
	Drumheller	.11	2.31	3.33	65	60
	Gleichen	NIL	1.37	4.10	65	58
	Hays	NIL	1.44	3.62	67	61
	Vauxhall	.04	1.74	3.61	66	58
	Raymond	.08	1.87	4.97	64	59
	Lethbridge	Trace	1.22	5.05	66	58
	Strathmore	.15	1.42	4.52	61	56



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- IV -

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m.	since	since	June 17	
		June 17, 1963	April 1	April 1	1963	Normal
		- inches -			- degrees F. -	
ALBERTA (concluded)						
2	Three Hills	.40	1.91 ^{2/}	4.10	65	57
	Trochu	.15	2.16 ^{2/}	4.51	66	58
	Vulcan	.04	2.83	4.55	63	58
3	Calgary	.06	3.52	5.01	62	56
	Cardston	Trace	3.60	5.50	62	57
	Pincher Creek	.03	3.92	6.46	62	56
	Fort MacLeod	.07	1.96	5.25	66	60
	High River	.02	5.65 ^{2/}	6.32	58	54
	Magrath	N.R.	2.03 ^{2/}	5.33	N.R.	58
	Olds	N.R.	2.31 ^{2/}	5.06	N.R.	55
	Alliance	.16	3.33	3.87	62	56
4	Camrose	.58	3.56	3.79	62	56
	Castor	N.R.	2.36 ^{2/}	3.14	N.R.	58
	Coronation	.08	3.45	3.14	63	58
	Hughenden	.15	3.12	3.50	62	58
	Lloydminster	1.46	4.65	3.48	63	57
	Stettler	.04	3.89	4.40	64	56
	Vegreville	.65	3.60	3.59	61	57
	Vermilion	.40	3.99	3.54	60	57
	Edmonton	.19	3.13	4.39	61	58
	Lacombe	.06	4.36	5.01	61	57
5	Red Deer	.04	3.26	4.52	62	55
	Rocky Mountain House	.11	4.65	5.81	60	55
	Wetaskiwin	.25	4.42	4.47	62	57
	Athabasca	.42	2.59	3.77	57	56
	Campsie	.22	2.87	4.30	57	56
6	Edson	Trace	3.96	4.60	58	54
	Elk Point	.02	1.92	3.59	62	56
	Lac la Biche	.38	3.95	3.87	60	57
	Smith	.54	3.85	3.69	57	56
	Whitecourt	.27	4.43	4.75	56	54
	Beaverlodge	.10	1.78	3.34	58	55
	Fairview	.34	1.81	3.58	60	56
	Ft. Vermilion	.32	1.83	2.88	59	57
7	Grande Prairie	.06	1.95	3.29	60	56
	High Prairie	.34	2.74	3.73	60	57
	Peace River	.10	.90	2.92	59	55
	Rycroft	.02	2.49	3.13	59	57
	Wagner	.29	4.25	3.51	55	56
	ALBERTA AVERAGE		.18	2.83	4.11	61.9

N.R. - No report.
1/ Source: Meteorological Service of Canada.
2/ Incomplete; not included in average.