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no. 11
1963
July 3
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DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Price: \$4.00 for series of 20 Crop Reports

Crop Reporting Series - No. 11

TELEGRAPHIC CROP REPORT - PRAIRIE PROVINCES

This is the seventh 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

The crop outlook for the Prairie Provinces is generally good at this time. Exceptions are Northern Alberta where drought is now prevailing, southern Alberta where early drought took its toll on fall-sown and early-spring-seeded crops, and in Eastern Manitoba where wet weather reduced seeded area and caused flooding of crops. Crops in most areas are developing rapidly on heavy stands and are coming into shot blade. In southern areas wheat is heading. Apart from Northern Alberta, moisture conditions are good to excellent. A continuous good supply will be needed, however, to support the heavy crop in the making. Haying is starting in many districts and on the whole, a good crop is in prospect. There has been isolated damage from hail and high winds, but grasshoppers and other pests are under control. Pastures and livestock are generally in good condition.

Manitoba Recent warm, dry weather has favoured crop development throughout Manitoba. Some local storms were reported, but crop damage was quite limited. Growth is generally very good and early-sown cereals are now in the shot blade stage. Seeding has been completed. However, due to the excessive moisture earlier this season more summerfallow is indicated than would otherwise have been the case. Some damage to flax from excess moisture is also reported. Spraying operations for weed control are general and haying will soon be underway in most areas.

Saskatchewan The crop outlook for Saskatchewan continues to be good. In most districts moisture conditions are good to excellent, with additional rains received over the weekend. Wheat averages fourteen inches in height, coarse grains eleven inches, with 50 per cent of the wheat now in the shot blade. Cutworm activity is on the wane and grasshoppers generally are under control due to spraying operations. Haying is now underway.

Prepared in Crops Section, Agriculture Division

Alberta The weather in Alberta during the past week ranged from wet and rainy in the south to dry and dusty in the Peace River area. Throughout the southern part of the province and as far north as Calgary and Olds rain fell again over the past weekend. Late crops are coming fast but much of the early crop was damaged too greatly by drought to recover. Wheat is now heading in this area. Some flooding was reported on irrigated land near Lethbridge. Pastures are recovering rapidly. In the central part of the province around Edmonton, Sedgewick and Donalda less rain has fallen, but crops are good and growing rapidly. Haying is general. North of Edmonton from Bonnyville on the east to the Peace River area on the west, the moisture situation will soon be critical if no rain occurs. The hay yield is light in these northern areas and grain crops are turning brown and heading prematurely. Heavy rains are needed immediately to give satisfactory cereal yields.

MANITOBA

At Vita in southeast Manitoba crops have been responding well to sunny, warm weather since last Tuesday. Some cereals are in the shot blade stage. Haying is starting, but native hay meadows are wet. Farther west at Morden seeding has now been completed with only a limited amount of late seeding reported. Weed-spraying has been about 75 per cent completed. At the present time grasshoppers are presenting problems although some spraying in isolated areas is being undertaken to control this pest. Haying has been started and the crop looks very promising. The canning pea harvest will start this week.

At Virden the wheat crop is growing very rapidly with much of it in the five to seven leaf stage. Fall rye is beginning to turn and the oats and barley are showing vigorous and lush growth. Much of the flax, however, is suffering from excessive moisture but, with continued warm weather this crop will be growing well in about a week to ten days' time. Haying is underway and pastures are in good condition.

At Beauséjour, east of Winnipeg, dry, warm weather has brought about a marked recovery of crops which had been suffering from wet conditions earlier in the season. Farmers have re-seeded some of the late seeded wheat acreage during the past week. Early-seeded wheat is now near the shot blade stage. Some farmers in the district are resorting to aerial spraying to combat weed growth in crops. In the Portage la Prairie area excellent progress is reported although there is some chlorosis in flax and sun scald (stem girdling) in cereals. Farmers are now starting haying operations. Weed spraying is general. Reports indicate more summerfallow than was originally planned as a result of wet weather. The fall rye crop is excellent except where some patches were drowned. Wild millet is no problem yet and grasshoppers also are doing little damage so far.

At Brandon early-sown crops are in the shot blade stage. Grain stands are generally heavy, but some damage from excess moisture is apparent in low land depressions. Yellowing of crops due to a nitrogen deficiency is also quite common and a light infection of leaf rust is reported. Haying is now underway with a good stand of grass reported, but the total yield will be cut as a result of winterkilling of legumes. Pastures are good.

North of Winnipeg at Stonewall practically all seeding has now been completed with the exception of oats for green feed and millet. Most fields are germinating well, but rain would be beneficial because cultivation is drying out the topsoil. Only about 70 per cent of the potential acreage has been seeded in this district. Farmers have started haying and fairly good yields are reported.

At Teulon, in the Interlake area seeding is now completed and leaf spraying is progressing fairly well. A heavy weed growth is reported. Haying has now been started. However, low-lying land is still fairly wet. Pastures are growing well. Aphids are reported on barley but no spraying has been undertaken yet for this problem.

Reports from Neepawa state 90 square miles have been severely damaged by hail. Crops are six inches high and some are approaching the shot blade stage. Hay yields are expected to be average. Flood damage amounts to 10 per cent.

At Shoal Lake in west-central Manitoba crop conditions are generally very good with adequate moisture supplies reported. Farmers began hay making on July 1. It is expected, however, that some sloughs may not be completely cut due to excess water. Overall yields, however, will be well above normal. Some grasshopper damage is reported and flea beetles are a problem in rapeseed and mustard. The flax crop is suffering from crusting due to heavy thunder showers and salinity is showing in some low-lying areas. Light hail occurred but little damage was sustained.

Stands of cereals and hay crops are excellent at Dauphin. Weed spraying is well advanced. Moisture conditions are generally satisfactory although there is some flood damage in low areas. Haying started this week. Spraying is underway for grasshoppers, flea beetles and cutworms.

The Canadian Hail Underwriters Association report hail storms on June 26 at Kirkella to Hamiota to Minnedosa to Neepawa (medium to heavy) Brandon area (medium) Gladstone area (light to medium).

The Canada Department of Agriculture reports leaf rust on wheat occurring widely in Manitoba and increased on susceptible wheats in experimental plots. However, the spread of leaf rust has been much lower on the moderately resistant commercial varieties of Selkirk and Pembina. Stem rust has been found in trace amounts on susceptible wheats but has not been observed on Selkirk and Pembina varieties. Oat rust has not yet been found in Western Canada.

The Department of Agriculture Entomological Laboratory reports that the population of six spotted leaf hoppers continues at an extremely high level. Aster yellows symptoms are prevalent on weeds such as stink weed and prickly lettuce. There is an early heavy infestation on commercial lettuce and some flaxseed fields are already showing symptoms of the disease.

The unweighted average precipitation since April 1 has been 46 per cent above normal compared with 54 per cent above normal one week ago, 68 per cent above normal two weeks ago and 20 per cent above normal one year ago. The mean temperature for the week ending July 1, 1963 was 5.9 degrees above normal compared with 1.6 degrees above normal last week and in contrast to 4.1 degrees below normal two weeks ago and compared with 4.6 degrees above normal for the week ending July 2, 1962.

SASKATCHEWAN

Crops are excellent at Yellowgrass in the southeast part of the province of Saskatchewan, but hot weather is needed. Early-seeded crops are starting to head, but most fields are just coming into shot blade. Weed spraying has been completed and summerfallow operations are well up-to-date. There has been no insect damage and moisture supplies are excellent. Crop conditions remain very good at Fillmore. Rainfall last week varied from limited amounts to excessive. Some farmers report hail damage over the weekend in a rather large proportion of the district. A general rain is needed to maintain and develop the present heavy growth. Some crops are now in shot blade. Haying has just begun.

The Experimental Farm at Indian Head reports 0.94 inches of rain during the past week and that this has further enhanced growing conditions of cereals and hay crops. Wheat is in the shot blade stage and 18 to 20 inches high. The crop is well stooled. The threat of grasshopper damage is diminishing throughout the district. Farmers have been unable to keep up with tillage on summerfallow due to wet weather and weed growth is, therefore, vigorous. Haying operations are just getting underway in a heavy stand. Pastures are excellent and cattle are in thrifty condition.

In the southwest part of the province at Gravelbourg crop conditions also remain very good. Recent rains over the weekend of 1.61 inches give a total of 9.6 inches since April 1. Rainy weather has delayed summerfallow operations. The hay crop will be very good. The Experimental Farm at Swift Current reports a general rain of one to one and one-half inches during the weekend. There is a heavy growth, with crops slightly later than usual. The general crop condition is excellent but requires warm, sunny weather. There is no reported damage of any significance. The crop is generally in the shot blade stage.

One inch of rain over the weekend was reported at Val Marie. Wheat is 30 per cent headed and barley 15 per cent. The growth is vigorous and healthy. Slight hail damage occurred recently but hoppers are under control. Haying operations are underway. Range lands look very good. Scattered showers occurred at Eastend and conditions have been ideal for crop development. The height of cereal crops averages 20 inches with 80 per cent in shot blade. There has been spotty grasshopper infestation and some damage caused by cutworms. Haying operations are commencing with a good supply of hay expected. Pastures and livestock are both good. A report from Leader indicates that continued shower activity and cool weather is producing a heavy stand. Early crops are heading.

In the east-central part of the province at Togo, crop growth is all above average. Heavy rains have soaked the land. Early wheat is in shot blade. Haying is delayed about a week because of wet weather. Pastures are excellent. At Melville our correspondent reports that 8.25 inches of rain have been received this season to date with lots of sunshine this past week. Crops are looking very good. Grasshopper damage has been light and weed spraying is very nearly completed. Haying is just starting. Farther north at Sturgis all crops look good with adequate moisture supplies. Wheat is about 10 inches in height. Forage crops are good. There has been no grasshopper damage to crops.

In the central part of the province at Drake first-sown wheat is starting to head. To date 6.85 inches of rain have been received. Grasshopper infestation has been quite severe and spraying operations continue. Haying is underway with a normal hay crop in prospect. Pastures and cattle are good.

Farther west at Scott the Experimental Farm reports 1.67 inches of rain over the weekend bringing the total since April 1 to 6.4 inches. Conditions are excellent for crop growth, but poor for the hay harvest. Some early crops are starting to head with most of the acreage in shot blade. Pastures are better than normal.

Additional rain during the weekend has further stimulated crop growth at Melfort in the northeastern part of the province. Stands at present are the best in several years. First-seeded crops are in shot blade, early barley is heading and fall rye is headed with a good stand. Some fields of rapeseed are at the flowering stage. Haying operations are in progress. Farther north at Nipawin, crops are looking exceptionally well. An inch of rain was received last week and moisture is ample for the next couple of weeks. Sweet clover crops are excellent and rye is very tall with large heads. Spring crops are starting to head. Summerfallowing is still behind due to rain. Haying has started. There are good flax crops in the district, about six inches in height.

The northwest part of the province at Paradise Hill all crops are advancing rapidly and there is no sign of any damage from any source. Moisture and growth conditions are generally excellent.

The secretary of the Canadian Hail Underwriters Association at Regina reports hail storms as follows: June 24 - Saltcoats to Calder, medium damage, Kennedy area, medium; June 28 - Gull Lake area, medium; June 29 - Strasbourg, heavy, Sintaluta and Maryfield, medium damage.

The Saskatchewan Municipal Hail Association also reports storms at the following points: June 22 - Quill Lake, Manor, Saltcoats, Arborfield; June 24 - Hallonquist, Morse; June 26 - Maryfield; June 27 - Lac Pelletier, Central Butte and Lawson; June 28 - Carmichael, Piapot, Maple Creek, Webb and Gull Lake.

The unweighted average precipitation since April 1 has been 39 per cent above normal compared with 28 per cent above normal a week ago, 29 per cent above normal two weeks ago and in contrast to 9 per cent below normal a year ago. Mean temperature for the week ending July 1 was 1.1 degrees below normal, as compared to 0.8 degrees above normal a week ago, 0.2 degrees below normal two weeks ago and in contrast to 3.8 degrees above normal for the week ending July 2, 1962.

ALBERTA

In southeastern Alberta rain again last weekend greatly improved crop prospects. A general rain in the Etzikom area has helped crops, the late ones benefitting most. Range vegetation is recovering from the severe dry spell. Surface soil moisture in this area is now good, while subsoil moisture is termed fair. The livestock are in good condition. East of Medicine Hat, one and one-quarter to three inches of rain on the weekend has improved conditions further. Rains a week earlier brought along late-seeded crops but early crops in this area are beyond recovery. Hay that has been

baled and is lying on irrigated land is deteriorating. Pastures are recovering well and livestock are in good condition. Some hopper damage is reported.

Rains were also general in the southwestern part of the province. A fairly general rain brought one and three-quarter inches of moisture over the past weekend to the Lethbridge area. Late-sown crops and pastures are showing improvement. Over six inches of rain has fallen in this district during the past ten days and is causing flooding problems on some irrigated fields. Ideal conditions are reported from Cardston. Pastures and all grain crops are growing well. Spring wheat is in the shot blade stage. Four inches of rain fell over the weekend at Claresholm and general conditions are good.

The south-central part of the province also reported rain. At Brooks, the two inches of rain which fell over the past weekend made a total of approximately five inches of rain in eight days. A considerable quantity of alfalfa has been cut and the rain may lower hay quality. Crops and native ranges are rapidly responding to the recent moisture. Some wheat and barley is in head. A total of 1.7 inches of moisture was received in the Vulcan area over the weekend thus assuring an average crop, barring hail storms. Pasture land is recovering fast. Winter wheat is headed and filling very well. A small acreage is being sown to oats for hay or pasture.

Similar conditions are reported in the Calgary-Olds areas. Additional rain on June 29 at Calgary has helped maintain good moisture conditions. Some barley is starting to head. General conditions at present and future prospects for good crops look favourable. More rain fell last week at Olds and moisture supplies are now good. All grains are making rapid progress and some wheat is beginning to head.

No rain was reported from central Alberta, but crops are looking good. At Donalda early wheat is in the shot blade stage and cereal crops are generally looking good. Forage growth is also good and some tame hay has been cut already. Rain will be needed before long. Crops in the Sedgewick district are also looking good, with some early-sown wheat starting to head. Hay, pastures and gardens are all looking well. Rapeseed is in flower and appears fairly heavy.

Crops in west-central Alberta are also looking good. Moisture and warm weather have promoted rapid crop growth in the Red Deer area. Early-sown crops are in the boot stage and haying is underway with average yields and quality expected. The weather at Lacombe has been cool and no rain fell during the past week. Haying operations are general and good yields are expected. Cereal crops are very promising. Moisture conditions at Eckville are reported to be ideal. Weed spraying has been completed. Summerfallows are in fair condition. Haying has started and yields are varying from one-half to one and one-quarter tons per acre. Early barley is now heading. Pastures are good and crop prospects in this area are generally good.

At Edmonton warm weather has depleted soil moisture supplies. Prospects remain for a good crop, but rain is now needed. Northeast of Edmonton, at Bonnyville, all crops are making rapid progress under hot temperatures. First-seeded grain is now heading. The moisture situation, however, will soon be critical. The first cutting of hay is light and many farmers are delaying harvest for more bulk, therefore, sacrificing a second cut.

Drought conditions are reported in the Peace River area. At Beaverlodge the drought has been intensified by wind. All cereal crops are suffering severely from lack of moisture. Pastures are burnt and hay and grass seed crops are light. Legume seed crops will also be light if the drought continues. Heavy rains are needed immediately to give satisfactory cereal yields. Warm, dry weather prevailed in the Fort Vermilion area over the past week. Early-seeded barley is heading and early-seeded wheat and oats are in the shot blade stage, about eighteen inches high. Flax and rapeseed crops are growing well. Haying operations on seeded forage will be commencing this week and above average yields are indicated. Rain is now needed to fill out grain crops. The drought situation at Berwyn is described as extremely serious. High winds and dry weather in the past week caused crops to turn brown and head prematurely. The hay crop is short and thin, making a feed shortage certain. Small areas have received showers, but the general outlook is poor.

The Alberta Hail Insurance Board reported damage from hail storms as follows: On June 26 hail damaged 2,000 acres starting at Cadogan and continuing northeast to Saskatchewan; on June 27, 3,000 acres were damaged with hard marble-sized hail in a strip four miles wide from Acme to Carbon; on June 28, hail caused very heavy damage over 10,000 acres in township 33, ranges 23 to 15, from Trochu to Scapa.

The unweighted average precipitation for the province since April 1 has been 6 per cent above normal as compared with 3 per cent above normal a week ago, 31 per cent below normal two weeks ago and one per cent above normal at the same time a year ago. Mean temperature for the week ending July 1 was 3.0 degrees below normal compared with 0.8 degrees above normal a week ago, 4.6 degrees above normal two weeks ago and 1.6 degrees above normal for the week ending July 2, 1962.



Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m. July 1, 1963	Total since April 1	Normal since April 1	Week ending 8 a.m. July 1 1963	Normal
		- inches -			- degrees F. -	
MANITOBA						
1	Boissevain	.48	10.07	6.58	70	64
	Pierson	N.R.	8.97 ^{2/}	6.47	N.R.	64
	Waskada	N.R.	8.00 ^{2/}	6.64	N.R.	64
2	Ninette	.50	7.19	7.08	70	65
	Pilot Mound	.28	10.54	6.53	70	64
3	Altona	.81	10.01	6.10	74	66
	Deerwood	N.R.	11.23 ^{2/}	6.40	N.R.	65
	Graysville	N.R.	8.76 ^{2/}	6.19	N.R.	66
	Gretna	1.46	7.91	6.12	74	67
	Morden	.26	10.61	6.63	73	66
	Morris	.54	7.27	5.80	74	67
	Portage la Prairie	.43	10.53	6.46	73	66
	Roland	.16	8.52	6.20	72	66
4	Stonewall	.70	10.75	6.20	73	65
5	Emerson	1.40	8.83	6.12	74	67
	St. Genevieve	1.73	5.37 ^{2/}	6.16	72	65
	Steinbach	1.34	11.06	6.40	72	66
	Winnipeg	.40	9.58	5.91	74	65
6	Seven Sisters Falls	.81	10.33	5.50	73	64
	Sprague	.51	10.68	6.77	73	63
7	Reston	N.R.	9.00 ^{2/}	6.40	N.R.	65
	Rivers	1.25	7.84	6.88	69	64
	Virden	.84	9.13	6.13	69	65
8	Brandon	.78	7.77	6.77	70	64
	Cypress River	.06	7.69	6.27	71	65
9	Kelwood	N.R.	7.25 ^{2/}	6.40	N.R.	64
10	Birtle	N.R.	9.58 ^{2/}	5.85	N.R.	62
	Rosburn	1.23	11.29 ^{2/}	5.70	66	62
	Russell	1.25	7.71	5.68	65	62
11	Dauphin	.69	10.09	5.97	67	66
	Gilbert Plains	.36	7.68	5.97	65	66
12	Arborg	.48	10.78	5.90	70	65
	Gimli	2.40	11.51	6.22	72	65
13	Swan River	.27	5.76	5.16	66	63
	The Pas	1.34	5.42	4.61	66	62
14	Grass River	.82	8.79	6.40	69	64
MANITOBA AVERAGE		.81	9.04	6.18	70.6	64.7
SASKATCHEWAN						
1A	Carlyle	.76	9.74	5.93	66	63
	Estevan	.81	11.24	6.40	66	65
	Oxbow	N.R.	8.35 ^{2/}	6.40	N.R.	65
	Willmar	1.06	8.70	6.00	N.R.	65

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. July 1, 1963	since April 1	since April 1	July 1 1963	Normal
		- inches -			- degrees F. -	
<u>SASKATCHEWAN</u> (continued)						
1B	Broadview	1.29	8.32	6.44	63	61
	Moosomin	.54	8.64	6.51	63	64
2A	Yellow Grass	1.09	8.22	5.63	64	64
	Creelman	.51	6.31	5.70	63	63
2B	Weyburn	.41	7.82	5.70	65	64
	Midale	.35	10.13	5.60	65	64
	Claybank	N.R.	6.83 ^{2/}	5.90	N.R.	64
	Moose Jaw	3.08	9.11	5.52	64	65
	Regina	1.28	7.57	5.65	63	64
	Francis	N.R.	7.25 ^{2/}	5.18	N.R.	63
	Qu'Appelle	.79	8.46	6.32	63	63
3AS	Indian Head	1.07	7.44	5.77	64	63
	Wilcox	N.R.	6.58 ^{2/}	5.70	N.R.	64
	Ormiston	N.R.	5.31 ^{2/}	5.80	N.R.	64
	Minton	.92	8.31	6.30	62	65
3AN	Cardross	N.R.	6.63 ^{2/}	5.90	N.R.	64
	Ceylon	.94	8.87	6.36	60	64
	Chaplin	2.07	9.85	5.02	62	64
	Gravelbourg	2.24	8.90	5.24	62	64
3BS	Coderre	N.R.	5.90 ^{2/}	5.40	N.R.	64
	Shaunavon	1.78	6.68	5.26	58	64
	Pambrun	1.56	6.94	5.50	60	64
	Aneroid	1.62	7.12	5.43	61	64
3BN	Val Marie	N.R.	4.25 ^{2/}	4.58	N.R.	63
	Instow	2.24	7.40	N.R.	59	N.R.
	Swift Current	2.03	7.23	5.50	60	64
	Hodgeville	2.94	8.69	5.40	60	64
4A	Hughton	1.78	5.68	4.49	61	65
	Maple Creek	2.35	6.26	5.09	61	63
4B	Consul	1.05	4.33	4.63	58	62
	Abbey	N.R.	4.40 ^{2/}	4.50	N.R.	64
5A	Cupar	.77	7.31	5.20	66	63
	Lipton	.60	7.81	5.06	64	63
	Melville	1.00	8.17	5.40	63	62
	Yorkton	2.16	7.73	5.33	65	63
5B	Bangor	1.15	9.86	5.60	65	62
	Dafoe	.76	7.63	5.20	63	64
	Foam Lake	.95	4.77	5.94	64	62
	Kuroki	1.80	6.03	5.84	62	60
6A	Lintlaw	1.88	6.02	5.73	63	59
	Kamsack	.46	4.27	5.04	66	62
	Davidson	1.49	7.46	5.17	62	63
	Imperial	N.R.	7.83 ^{2/}	5.20	N.R.	63
	Strasbourg	N.R.	6.19 ^{2/}	5.42	N.R.	62
	Watrous	1.82	7.50	4.90	63	62

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. July 1, 1963	since April 1	since April 1	July 1	
					1963	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (concluded)						
6B	Delisle	1.50	5.78	4.80	62	64
	Harris	1.74	5.80	4.71	60	63
	Outlook	1.51	6.26	4.52	63	65
	Saskatoon	1.76	6.53	4.88	61	64
	Elbow	N.R.	4.40 ^{2/}	4.81	N.R.	65
	Tugaske	2.16	10.71	5.28	61	63
	Dundurn	1.06	5.65	4.91	62	63
7A	Alsask	2.34	4.08 ^{2/}	N.R.	60	63
	Kindersley	2.30	6.43	4.15	59	63
	Rosetown	2.98	8.51	5.06	59	62
7B	Macklin	1.90	10.05	4.73	57	62
	Denzil	1.92	11.10	4.73	59	62
	Scott	1.78	6.38	4.79	59	61
	Biggar	2.23	8.19	4.87	60	63
8A	Hudson Bay	1.36	4.23	5.35	64	61
	Prairie River	.66	4.37 ^{2/}	5.40	61	60
	Armit	N.R.	1.23 ^{2/}	5.35	N.R.	61
8B	Humboldt	1.51	7.66	5.04	62	61
	Melfort	1.23	5.95	5.04	63	63
9A	North Battleford	1.69	6.69	4.57	61	63
	Victoire	1.89	7.92	4.50	57	60
	Prince Albert	1.56	6.45	5.38	59	62
	Island Falls	2.26	6.36	4.76	62	59
9B	Waseca	.87	6.07	4.90	59	60
	St. Walburg	.36	3.33	4.80	59	60
SASKATCHEWAN AVERAGE		1.47	7.38	5.32	61.8	62.9
ALBERTA						
1	Empress	1.38	4.59	3.46	61	65
	Foremost	.88	3.98	5.68	59	64
	Hanna	.55	5.09	4.80	59	62
	Manyberries	1.54	4.52	4.40	59	64
	Medicine Hat	1.47	6.02	4.80	60	66
	Naco	1.80	3.97 ^{2/}	4.30	58	62
	Winnifred	1.30	5.50	4.86	N.R.	66
	Brooks	2.55	6.33	4.51	60	64
2	Drumheller	.13	4.59	4.51	61	64
	Gleichen	.90	5.78	5.24	60	61
	Hays	.97	5.16	4.60	59	66
	Vauxhall	1.20	7.20	4.54	58	62
	Raymond	1.80	7.82	6.20	57	63
	Lethbridge	1.90	7.32	6.33	59	61
	Strathmore	.88	5.05	5.93	58	60
	Three Hills	N.R.	4.37 ^{2/}	5.50	N.R.	60



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Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m. July 1, 1963	Total since April 1	Normal since April 1	Week ending 8 a.m. July 1 1963	Normal
			- inches -		- degrees F. -	
ALBERTA (concluded)						
2	Trochu	.31	5.76	6.00	59	61
	Vulcan	1.30	7.59	5.69	58	62
3	Calgary	1.79	7.28	6.68	57	60
	Cardston	2.00	9.46	6.99	55	61
	Pincher Creek	4.83	11.92	8.00	55	60
	Fort MacLeod	3.31	9.38	6.81	57	63
	High River	N.R.	8.84 ^{2/}	7.79	N.R.	58
	Magrath	N.R.	6.08 ^{2/}	6.80	N.R.	62
	Olds	N.R.	2.31 ^{2/}	6.48	N.R.	58
	Alliance	.71	8.40	5.40	58	60
4	Camrose	N.R.	5.87 ^{2/}	4.97	N.R.	60
	Castor	N.R.	2.36 ^{2/}	4.37	N.R.	61
	Coronation	.61	7.28	4.37	59	61
	Hughenden	.53	7.76	4.72	59	61
	Lloydminster	.22	6.95	4.60	60	61
	Stettler	.38	7.66	5.88	58	60
	Vegreville	.37	5.74	4.86	57	61
	Vermilion	.04	6.82	4.82	57	60
	Edmonton	.32	4.04	5.89	57	61
	Lacombe	.08	5.91	6.46	58	60
5	Red Deer	.35	5.15	6.12	58	58
	Rocky Mountain House	.02	6.44	7.76	57	58
	Wetaskiwin	Trace	5.61	5.86	58	60
	Athabasca	N.R.	2.59 ^{2/}	5.02	N.R.	58
	Campsie	Trace	2.87 ^{2/}	5.77	57	59
	Edson	.31	4.38	6.21	54	57
	Elk Point	.13	4.13	5.06	58	58
	Lac la Biche	.05	4.58	5.07	58	61
6	Smith	N.R.	3.85 ^{2/}	4.75	N.R.	58
	Whitecourt	.99	5.80	6.16	55	57
	Beaverlodge	.07	2.10	4.38	54	58
	Fairview	.02	1.97	4.72	57	58
	Ft. Vermilion	N.R.	2.22 ^{2/}	3.64	N.R.	60
	Grande Prairie	.01	1.97	4.34	56	58
	High Prairie	.03	2.77	5.08	56	59
	Peace River	.03	1.29	4.21	56	58
	Rycroft	.01	2.58	4.30	55	60
	Wagner	.28	4.86	4.48	55	58
ALBERTA AVERAGE						
		.85	5.69	5.37	57.6	60.6

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