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TELEGRAPHIC CROP REPORT - PRAIRIE PROVINCES

This is the ninth of the 1964 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

Prairie Provinces Harvesting has started in most districts of Manitoba, Saskatchewan and southern Alberta and will be general in many areas in a week's time. The Alberta harvest will be later. Crop development is being retarded in the Peace River where excessive rainfall has occurred. Crop prospects in Manitoba are generally good and fair to good in Saskatchewan as a whole, but poorer than average yields, especially of coarse grains, will be obtained in areas where persistent early drought occurred. Alberta crop prospects are also variable with recent deterioration occurring due to hot, dry weather.

Manitoba Harvesting has started in Manitoba but it is not general yet. Fall rye is all swathed and half combined with yields varying from 15 to 40 bushels per acre. Small acreages of wheat, oats and barley have been swathed and a few fields have been combined. Yield prospects for early crops are good. Hot weather a few days ago helped crops to mature but late crops suffered from heat at some points. Most areas south of the Riding Mountain Park will have average to better than average crops. Exceptions are hailed areas mainly around Virden and from McGregor to Winnipeg. Prospects are good for early flax but late crops are variable. Special crops are all progressing well.

Saskatchewan Recent high temperatures in Saskatchewan have resulted in rapid ripening of grain crops and harvesting is now under way in many areas with operations expected to be more general later this week. Progress is most advanced in the south-western and central districts where about 15 per cent of the wheat and 25 per cent of the coarse grains have been swathed. In other southern and central districts not more than 10 per cent of the crop has been cut. Harvesting activity is expected to start in northern districts this week. Moisture supplies are generally sufficient to carry grain crops to maturity. However, in the southwest area there has been noticeable deterioration, but elsewhere crops

Prepared in Crops Section, Agriculture Division

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are generally filling satisfactorily. Preliminary indications are that very little frost damage was sustained on Monday. Average wheat yields from 15 to 20 bushels per acre are anticipated for the province as a whole.

Alberta Crop conditions are variable throughout the province of Alberta. The fall rye and winter wheat harvest is nearing completion in southern districts, with good crops reported. Spring crops on dry land are deteriorating rapidly due to hot, dry, windy weather, but all irrigated crops are generally very good. The canning pea harvest is nearing completion with average yields, and cutting of second crop alfalfa is under way. Dry conditions also extend into east-central Alberta where crop prospects are variable but generally not good. Swathing of early crops is about to begin in this area. In central Alberta crops are extremely variable and ripening prematurely. Moisture conditions to the east and west of Edmonton are good and dry weather would now produce good crops. Haying has been delayed and conditions worsened in the Peace River District. Fields are boggy and crop development has been retarded.

MANITOBA

Swathing of barley started at Emerson in southwest Manitoba during the last week in July. Swathing of wheat and oats has started and should be general by the middle of next week. All crops appear fairly good at the present time but some rain would be welcome. Harvesting commenced at the end of last month at Altona and most early cereals have been swathed, with a few combined. Late wheat and barley is headed but is suffering severe leaf rust. Oats have suffered by heat and winds during the past week and most flax is filling poorly due to the heat. Sunflowers are in full bloom and field peas are maturing into a good crop. Sugar beets are also developing well. Good general rains are needed for corn, pastures and second-cut hay. Forage seed crop prospects are poor. On August 5 temperatures reached 100 degrees at Morden. Early cereals are being swathed and some rye and wheat have been combined. The canning pea harvest is completed and the beans started. Pastures are fair and there is an adequate supply of hay. Average yields are expected for special crops. Light hail damage occurred at Haskett last week.

Farther west at Pilot Mound swathing operations have also commenced and some oats have been harvested yielding from 45 to 60 bushels. There has been a recent risk of frost and it could do damage to much late-seeded grain and corn. Most crops look good. Haying is virtually completed, with fair to average yields. Harvesting should be in full swing by this week end. At Somerset crops are ripening fast and swathing of wheat has started. Combining of fall rye is under way. There is a trace of leaf rust in wheat but no damage has been done. Crops look promising. At Melita rye harvesting is half completed and harvesting of wheat has started. Early flax yields will likely be good but late crops may be cut by disease. Rye is yielding 15 to 40 bushels per acre. No rain was received during the past week.

In the Winnipeg area at Portage la Prairie cool, wet weather is delaying crop development and causing lodging. Some wheat has been combined and graded No. 2 Northern. Extensive hail damage occurred last week. Yields in the district, excluding hailed crop, are: wheat 28 bushels, oats 45, barley 30, flax 10 and rapeseed 1,200 pounds per acre. Pastures are good as are potatoes and sugar beets. Hay is badly weathered.

The Experimental Farm at Brandon reports that swathing is under way and should be general within a few days. Above-average yields are in prospect for both early

and late-sown crops and grades will be good. Moisture supplies are adequate for complete filling of the crops except on extremely light land where showers would be beneficial. Pastures are holding up well and the yield of second-cut hay will be good.

In the Interlake area at Teulon prospects for a good crop have faded due to a severe hail and wind storm early on the morning of the 10th. Damage varies from heavy to slight. Many crops will not be harvested. Moisture is adequate and the second cutting of hay should be good.

At Neepawa crop conditions are very good with sufficient moisture available to fully mature late cereal crops. Rye harvesting is well under way with yields of 20 bushels per acre and up. Wheat, oats and barley swathing has begun and good yields are expected. Haying is completed with sufficient feed being stored to meet winter requirements. Crops are coming in rapidly at Minnedosa. Swathing of fall rye has been completed and some early wheat and barley has been cut. Harvesting will be general within the next one or two weeks. With good weather during the past week, haying is nearly completed.

In northern Manitoba at Dauphin swathing will be general by the end of this week. Odd fields of wheat and barley have been combined and samples have been good, with average yields. Recent rains have improved pastures and second cut of alfalfa. Some late-seeded crops have been cut for fodder. Special crops are only fair in this district.

The Canada Department of Agriculture Research Station at Winnipeg reporting on the rust situation states: The amount of wheat leaf rust in Manitoba varies considerably from field to field but moderately severe infections are common. The over-all loss in yield is expected to be small because much of the rust developed late in the season. Leaf rust is light throughout most of Saskatchewan. Wheat stem rust is scarce on the resistant varieties of wheat. Moderate losses will occur in rare fields of susceptible varieties. Oat rusts are still light and only late fields of oats may suffer some damage.

The Entomological Laboratory at Winnipeg reports that the grasshopper adult survey completed to date indicates light infestation in the Roblin, Russell, St. Lazare and Lyleton districts. Light to moderate infestations are present south of Birtle and in the Pipestone-Deleau district and moderate to severe infestations are present in the area southeast of Brandon and extending eastward to Glenboro. Light to severe infestation is present in the Carberry district and in the area south of Highway No. 1 between Carberry and Bagot. The lesser migratory grasshopper is the dominant species. With timely rain and good growing conditions damage has been minimized this year. However, there has been some head clipping and leaf stripping in the more heavily infested areas.

The average unweighted precipitation for the province since April 1 has been 13 per cent above normal compared with 18 per cent above normal a week ago, 16 per cent above normal two weeks ago and 34 per cent above normal a year ago. Mean temperature for the week ending August 10, 1964 was 0.1 degree above normal compared with 0.7 degree below normal a week ago, 1.1 degrees above normal two weeks ago and in contrast to 4.6 degrees above normal for the week ending August 12, 1963.

SASKATCHEWAN

In the Fillmore district in the southeast part of Saskatchewan harvesting operations have been halted by rains. However, a considerable amount of swathing has been completed and small acreages of rye and coarse grains have been combined with good yields reported. Farmers have practically finished haymaking with excellent yields and good quality feed obtained. Although sawfly damage is evident in wheat fields crop prospects are very good. The Experimental Station at Indian Head reports that swathing of early barley and wheat crops got under way in that district last week end. Rain on August 10 temporarily delayed activities but it is anticipated that swathing will be general by the end of the week. Wheat has filled very well and yields should run from 20 to 30 bushels per acre. No serious rust is present although migratory grasshoppers are fairly numerous. It is not expected that these pests will affect the crop but numerous eggs could be deposited in the area. Pastures have improved with the recent rains and conditions are excellent.

Reports from Swift Current, in the southwestern part of the province, indicate that continued hot weather is forcing crop maturity. Wheat swathing has started and should be general later this week. Stands are thin but heads are filling very well with yields expected to vary from 5 to 20 bushels per acre and an average yield for the district of 12 bushels. Some barley has already been combined and a considerable acreage of oats has been cut for feed. The weather at Big Beaver has been hot and dry with very little rain since the last week of June. Frost occurred on August 10. Swathing is general with some wheat being combined. Yields per acre are about 15 bushels and grades will vary in the top four. At Shaunavon, harvesting is now under way with 25 per cent of the grain cut and 4 per cent threshed. Hot, dry conditions have reduced yields considerably and may affect grades. Wheat is averaging about 17 bushels per acre, oats 32 and barley 23 and it is expected that most of the wheat will grade No. 3 and 4. Hay supplies are sufficient. At Leader there is only a slight deterioration since the last report and crops are entering the harvest period in a good to very good condition. Swathing is general and about half completed.

Togo, in the east-central part of the province, has experienced rain and cold weather which has slowed grain ripening. Wheat is filling well with some four-row. The general picture is for a good wheat crop but a below average coarse grain yield. Swathing has started and will be general by August 20. Frost is now the main danger. Reports indicate that haying is now 90 per cent completed. In the Melville district rainfall to date is 8.97 inches. The crop outlook is good, with adequate moisture supplies. Wheat swathing has started and some oats have also been harvested while haying is almost completed. At Drake, in central Saskatchewan, light hail damage was reported on August 1. Rye and some oats have been harvested but rains have halted field work. Swathing, however, will be general as soon as conditions are dry enough. Numerous showers in the past two weeks assured fair prospects. Pastures are fair and cattle are in good condition. Considerable sawfly damage is reported, however. A light frost occurred on August 10. In the Saskatoon district harvesting started last week and 25 per cent of the crop has now been swathed. A good rain on Monday delayed harvesting but will help fill the late crops and improve pastures. Barley thrips are present on barley and English grain aphids on cereals east of Saskatoon but no significant damage is evident.

There has been very little rain in the last ten days at Rosetown in west-central Saskatchewan. Some swathing has been done and harvesting should be general next week if the weather continues favourable. Indications are that wheat will

average 15 bushels per acre with flax yielding about 8 bushels. In the Scott district nearly one inch of rain fell during the past two weeks. This moisture retarded crop deterioration slightly. Early-sown crops are now nearly ready to swath with yields expected to reach nearly 5 bushels per acre. Sawfly damage has increased considerably. A number of oat fields have been cut for feed. Haying and grass seed harvesting have been completed.

In the Melfort area of northeast Saskatchewan a general rain bringing from one to one and one-half inches of moisture on August 9 and 10 along with other recent showers has improved pastures and second-cut hay. On August 10 ground temperatures dropped to 30 degrees. Damage to late-seeded uneven crops of cereal and rapeseed from this frost has not been assessed. Early-seeded crops are ready to swath. Many fields have made a good recovery from the early season drought and yields on this land will be relatively good.

Reports from the Paradise Hill area in the northwest part of the province indicate cool, wet weather with plenty of moisture to fill crops. Hot, dry weather is needed from now until the end of the harvest which is expected to start about the end of this month. Expectations are that wheat on summerfallow will yield at least 15 bushels per acre.

The Saskatchewan Municipal Hail Insurance Association reports the following hail storms since July 20: July 22 - Oxbow, Carduff; July 26 - Govan, Kenaston, Davidson, Jansen, Kandahar; July 27 - Goodwater, Estevan, Torquay; August 1 - Briercrest, Roul-eau, Wilcox, Estlin and scattered areas in south and southeast portions of the province; August 4 - Carlyle, Redvers, Vonda, Middle Lake; August 5 - Leask.

The unweighted average precipitation since April 1 has been 5 per cent below normal compared with 5 per cent below normal a week ago, 11 per cent below normal two weeks ago and in contrast to 39 per cent above normal a year ago. Mean temperature for the week ending August 10, 1964 was 2.6 degrees above normal compared with 0.2 degree above normal a week ago, and 1.3 degrees above normal two weeks ago and 6.4 degrees above normal for the week ending August 12, 1963.

ALBERTA

In the southeast area of Alberta, at Medicine Hat the rye harvest has been completed with good yields. Wheat is approximately 5 per cent combined and 40 per cent swathed. Average yields of 12 to 15 bushels per acre have been reported. Barley harvesting is 60 per cent completed. Livestock conditions are good and rain would be welcome.

In the southwest section of the province around Lethbridge hot, dry weather has reduced the yield and quality of spring-seeded cereals on dry land. Many of these crops have matured to the point where rain will not help. Seventy per cent of the winter wheat is swathed and 40 per cent threshed. Grasshopper population is high in the south and east but so far there has been little crop damage. Irrigated crops are good and the harvesting of peas and second-cut alfalfa is in full swing. At Cardston weather conditions are ideal with fall crops being cut. Spring crops have headed out and prospects are promising. A good rain would be beneficial to everything. Second cutting of hay will begin shortly and above average yields are expected. In the Claresholm area harvesting of winter wheat and rye is under way with yields from 20 to 30 bushels per acre.

This district has had no rain since June and the crop of spring wheat and coarse grains is about half of normal. Harvesting of spring grains is two weeks away and yields will be light with poor grades.

In the south-central section of the province at Brooks hot, dry weather has caused the spring crop to ripen rapidly. Peas for seed are being combined and many fields are averaging 1,500 pounds per acre. Most fall rye and winter wheat have been threshed with good yield and quality reported. The yield of spring crops on non-irrigated land has been reduced by extreme heat and drought during the last month.

In the east-central and southwest central areas of Alberta at Hanna swathing of fall rye is general and some combining has been completed, with yields of 6 to 15 bushels per acre being reported. Swathing of wheat will be general in two weeks' time. Crops are standing up well against the dry weather. No hail damage is reported in this area and pastures are very dry. Around Calgary continued dry weather has reduced moisture supplies to a minimum and earlier prospects for a very good crop have faded. A fair to average crop is still possible if rain is received immediately for filling. Around Olds all grains are now headed out and the hot, dry weather has matured them rapidly. Some early barley has been cut and wheat is beginning to turn. Hail has occurred causing severe damage to about 15 per cent of the district.

At Donalda in the central area of Alberta crops have improved tremendously since the last report due to frequent rain showers. Grain is headed out and is expected to fill completely with much better yields than previously anticipated.

At Eckville swathing of spring grains will commence immediately and will be general in a week. Swathing of fall rye has been completed. Moisture conditions are ideal and summerfallow is in fair to good condition. Some hailed fields have been plowed up and pastures are holding up well. Haying has finally been completed and a good second crop of alfalfa is expected. To the northeast at Lacombe rainfall has been sufficient to allow good filling of all cereal crops. Swathing of early barley should begin about August 15 with wheat and oats about August 20 and the yields are expected to run at 40 bushels for barley and oats and 30 for wheat. Hay and pasture crops are making very little growth. In the Red Deer district crop prospects are good in the western half but only fair in the eastern half. Early-sown grain is ripening rapidly and swathing will commence this week. Later-sown crops are filling well.

At Edmonton rains of approximately one inch have held back ripening of grain. Warm, dry weather is urgently needed to bring on the harvest. Prospects are for an average crop.

In the northeast and north-central regions at Bonnyville early-seeded crops are ripening rapidly and harvesting should be under way in a week. Recent heavy rains will seriously delay later crops and increased weed growth will cause problems in harvesting. Expected grain yields are less than half of normal. Pastures are in excellent condition and second cuts of hay are very promising. At Colinton rainfall since the last report has been over four inches and 9.6 inches since May 1. Grain is filling out very nicely and is average in height. Some coarse grains are beginning to ripen rapidly and some cutting will start within a week. Second growth of alfalfa is doing very well as are pastures.

In the Peace River District at Fort Vermilion effective rains during the past three weeks have been instrumental in filling the grain crops and assuring an average harvest. Straw is short and no lodging has been reported. Early-seeded barley and rapeseed are ready for harvesting. The main crop is ripening well and needs two more weeks without frost. Pastures are excellent and a good second crop of hay is promised. Around Berwyn continuous rain since July 10 has left fields wet and soggy. Crops are late and range from poor to good. Hay has been spoiled in the field and hot, dry weather is required for the harvesting of brome and fescue seed. Around Grande Prairie continued excessive moisture has caused deterioration of harvest prospects with some loss from flooding and lodging. Legumes for seed and root crops are rotting in the field. Fescue is ready for combining but most fields are too soft for equipment. Much of the first hay crop was lost but the good second cut and hot, dry weather with an extended season would remedy this situation.

The Alberta Hail Insurance Board reports hail storms at the following points: small localized storms struck Fawcett, Wetaskiwin, Wainwright July 21; Killam, Sedgewick and McKay July 22; more severe storms hit Paradise Valley, Rivercourse and Vegreville July 25; local storms at Mallaig July 26, Picardville July 27, Beaverlodge July 29, and more extensive storms on July 31 from Viking northward to Ranfurly and Innisfree; August 4 a storm from Breton to Warburg, to Sunnybrook and Thorsby; August 9, an intensive storm from west of Olds in a southeasterly direction to Carbon, Munson, Drumheller and south of Hanna. Hail stones were pea, grape and walnut size.

The Canadian Hail Underwriters Association reports hail storms at the following points: July 22, Forestburg; July 25, Vegreville; July 29, Beaverlodge and Grande Prairie; July 31, Viking and Mannville; August 4, Breton and Thorsby.

The unweighted average precipitation for the province since April 1 has been 13 per cent above normal compared to 17 per cent above normal a week ago, 15 per cent above normal two weeks ago and 10 per cent above normal at the same time a year ago. Mean temperature for the week ending August 10 was 1.7 degrees above normal compared with 1.8 degrees below normal a week ago, 1.3 degrees below normal two weeks ago and 5.9 degrees above normal for the week ending August 12, 1963.

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.	since	since	8 a.m.	
		Aug. 10, 1964	April 1	April 1	August 10	
			inches		1964	Normal
						degrees F.
MANITOBA						
1	Boissevain	nil	9.38	9.98	66	65
	Pierson	nil	12.75	9.83	67	66
	Waskada	N.R.	11.94(2)	10.22	N.R.	66
2	Ninette	trace	10.81	10.36	70	66
	Baldur	trace	12.70	10.29	67	66
	Pilot Mound	trace	10.63	10.22	68	66
3	Altona	.34	10.26	9.51	68	68
	Deerwood	trace	10.59	9.83	69	66
	Graysville	nil	9.33(2)	9.44	65	67
	Gretna	.36	14.10	9.57	68	68
	Morden	.21	10.78	10.06	68	67
	Morris	.37	13.29	8.87	67	68
	Portage la Prairie	trace	12.69	9.89	67	68
	Roland	.01	10.69	9.62	67	67
4	Stonewall	nil	12.31	9.68	65	67
5	Emerson	.27	14.93	9.51	70	68
	Steinbach	.14	13.40	9.76	66	66
	Winnipeg	trace	9.62	9.37	67	67
	Starbuck	.20	11.40	9.37	67	67
6	Seven Sisters Falls	1.28	11.16	8.85	65	64
	Great Falls	N.R.	10.81(2)	8.42	N.R.	64
	Sprague	.05	15.23	10.56	66	63
7	Reston	N.R.	1.34(2)	9.80	N.R.	67
	Rivers	.01	10.92	11.06	61	65
	Virden	nil	12.15	9.33	67	67
8	Brandon	nil	11.28	10.55	67	65
	Cypress River	nil	10.24	9.71	68	67
9	Gladstone	trace	8.32	9.94	N.R.	N.R.
10	Birtle	.10	10.00	9.61	63	62
	Rosburn	.12	8.11(2)	9.12	64	62
	Russell	.11	10.14	8.94	61	64
11	Dauphin	.52	9.36	9.11	64	66
	Gilbert Plains	.03	6.62	9.11	61	66
12	Arborg	.56	7.20	9.05	N.R.	65
	Gimli	1.90	11.08	9.79	65	65
	Steep Rock	.92	5.89	8.82	64	63
13	Swan River	3.53	9.85(2)	9.06	63	62
	The Pas	.40	10.52	7.71	57	63
14	Grass River	.15	8.44	10.12	65	65
MANITOBA AVERAGE		.32	10.88	9.59	65.7	65.6

II

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.	since	since	8 a.m.	
		Aug. 10, 1964	April 1	April 1	August 10	
			inches		1964	Normal
						degrees F.
<u>SASKATCHEWAN</u>						
1A	Carlyle	nil	10.83	9.32	65	63
	Estevan	nil	10.98	9.60	69	67
	Oxbow	nil	9.61	9.70	65	65
	Willmar	N.R.	8.32(2)	9.17	N.R.	N.R.
1B	Broadview	trace	9.82	9.52	64	62
	Moosomin	nil	10.77	10.03	65	65
2A	Yellow Grass	trace	9.16	8.63	60	65
	Weyburn	.66	9.26	8.73	70	66
	Midale	nil	8.23	8.54	69	65
	Claybank	N.R.	6.51(2)	8.64	N.R.	66
2B	Moose Jaw	.03	6.59	7.90	70	67
	Regina	.01	9.71	8.33	68	65
	Francis	nil	12.01	7.74	64	64
	Qu'Appelle	.07	7.57	9.06	64	64
	Indian Head	.04	8.72	8.41	66	65
3AS	Ormiston	nil	6.81	8.52	73	66
	Minton	nil	8.27	9.29	70	65
	Cardross	nil	4.94	8.49	N.R.	66
	Ceylon	trace	7.36(2)	9.53	67	65
3AN	Chaplin	nil	5.25	7.28	70	65
	Gravelbourg	.03	6.59	8.29	71	65
3BS	Shaunavon	trace	9.08	7.41	68	65
	Pambrun	nil	4.99	8.49	71	65
	Aneroid	trace	5.62	7.48	69	65
	Instow	trace	6.48	7.56	68	65
3BN	Swift Current	trace	4.94	8.20	70	65
	Hodgeville	nil	5.09(2)	8.36	70	65
	Hughton	N.R.	2.69(2)	6.88	N.R.	65
4A	Maple Creek	nil	7.31	7.21	71	65
	Consul	nil	5.76	6.63	67	63
4B	Abbey	nil	4.26(2)	6.50	70	64
	Leader	nil	6.81	6.61	71	64
5A	Cupar	N.R.	5.00(2)	7.76	N.R.	64
	Balcarres	trace	5.83(2)	7.50	N.R.	N.R.
	Lipton	trace	5.18	7.50	67	65
	Melville	nil	8.50	8.24	64	63
	Yorkton	trace	8.69	8.57	64	64
5B	Bangor	.02	7.65	8.62	64	63
	Dafoe	.12	6.88	8.66	66	64
	Foam Lake	.45	10.55	8.74	64	63
	Kuroki	1.67	13.24	8.70	61	62
	Lintlaw	1.83	12.94	8.65	60	61
	Kamsack	.06	10.18	8.38	65	63
	Davidson	.17	6.25	7.34	69	64
6A	Imperial	.12	7.36	7.49	68	64
	Strasbourg	.25	6.82	7.90	68	63
	Watrous	.41	5.84	7.13	66	64

III

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. Aug. 10, 1964	since April 1	since April 1	8 a.m. August 10	
			inches		1964	Normal
degrees F.						
<u>SASKATCHEWAN</u> - Concluded						
6B	Harris	nil	3.68(2)	6.94	70	64
	Outlook	.13	5.66	6.58	70	66
	Saskatoon	.95	4.61	7.88	68	64
	Elbow	trace	5.12	6.76	70	65
	Tugaske	.08	6.23	7.56	70	64
	Dundurn	.53	5.70	7.16	69	64
7A	Alsask	N.R.	5.05(2)	6.50	N.R.	64
	Kindersley	1.86	6.68	6.61	70	64
	Rosetown	.19	4.82	7.60	68	64
7B	Macklin	.20	8.59	7.36	66	63
	Denzil	.37	7.91	7.36	67	63
	Scott	.31	5.13	7.35	66	62
	Biggar	.47	5.43	7.40	68	65
8A	Hudson Bay	1.10	12.08	8.64	59	61
	Prairie River	.34	6.37	8.38	59	61
8B	Humboldt	1.01	8.70	7.39	64	63
	Melfort	1.50	6.24	7.90	61	63
9A	North Battleford	.67	6.63	7.16	67	64
	Victoire	.69	7.13	7.49	64	60
	Prince Albert	1.04	3.45	8.12	62	63
	Island Falls	1.50	9.56	8.35	55	61
9B	Waseca	.93	7.97	7.59	63	61
	St. Walburg	1.11	7.84	7.97	61	60
SASKATCHEWAN AVERAGE		.32	7.63	7.99	66.5	63.9
<u>ALBERTA</u>						
I	Empress	nil	4.97	5.21	72	68
	Foremost	nil	8.69	7.42	69	67
	Hanna	.15	8.56	7.45	67	62
	Manyberries	nil	6.26	5.98	70	67
	Medicine Hat	trace	4.75	6.52	71	68
	Winnifred	nil	8.41	6.32	N.R.	N.R.
2	Brooks	.07	5.85	6.58	66	66
	Drumheller	.27	6.50	7.19	69	65
	Gleichen	.06	6.59	7.81	65	62
	Hays	N.R.	7.23(2)	6.57	N.R.	67
	Rainier	trace	6.87	6.56	68	65



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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. Aug. 10, 1964	since April 1	since April 1	8 a.m. August 10	
			inches		1964	Normal
						degrees F.
<u>ALBERTA</u> - Concluded						
2	Vauxhall	.01	6.47	6.53	68	64
	Warner	nil	10.20	8.20	65	65
	Raymond	trace	10.69	8.21	66	64
	Lethbridge	.01	10.08	8.36	67	64
	Three Hills	.28	2.34(2)	8.24	66	61
	Trochu	.30	7.62	8.92	64	61
	Vulcan	.06	8.09(2)	7.90	65	62
3	Calgary	.05	10.20	9.66	64	61
	Cardston	nil	13.28	8.98	61	63
	Pincher Creek	.05	11.96	10.15	63	60
	Fort MacLeod	nil	7.25	8.95	63	66
	High River	nil	6.82	10.41	61	59
	Magrath	nil	9.89(2)	8.77	61	64
	Alliance	.46	7.45	8.80	65	61
4	Coronation	.17	5.58	7.46	66	61
	Hughenden	.18	6.97	7.97	65	61
	Lloydminster	.49	7.18	7.72	64	62
	Stettler	.58	7.78	9.37	64	61
	Vegreville	.75	7.51	8.30	63	61
	Ranfurly	.51	6.47	8.61	63	61
	Vermilion	.69	7.63	8.80	62	60
5	Edmonton	.69	8.67	9.78	62	61
	Lacombe	.44	8.38	10.24	63	60
	Red Deer	.19	8.80	9.52	64	59
	Rocky Mountain House	.32	12.33	12.82	61	58
	Wetaskiwin	.59	8.29	9.48	63	60
	Athabasca	N.R.	6.39(2)	8.69	N.R.	59
	Campsie	N.R.	10.90(2)	10.22	N.R.	59
6	Edson	.34	13.15	10.72	58	57
	Elk Point	.55	8.76(2)	8.19	61	59
	Lac la Biche	.73	8.69	8.79	59	61
	Smith	N.R.	11.68(2)	8.50	N.R.	59
	Whitecourt	1.82	16.51	11.31	57	58
	Beaverlodge	N.R.	17.84(2)	7.22	N.R.	59
	Fairview	.99	13.57	7.57	58	58
7	Ft. Vermilion	.80	6.96	6.02	61	60
	Grande Prairie	1.12	16.96	7.38	58	59
	High Prairie	1.03	16.52	8.76	55	59
	Peace River	1.14	13.81	6.91	57	58
	Rycroft	1.51	16.88	7.06	55	59
	Wagner	.88	14.20	8.30	57	59
ALBERTA AVERAGE		.39	9.36	8.30	63.3	61.6

N.R. - No report.

(1) Source: Meteorological Service of Canada.

(2) Incomplete; not included in average.