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TELEGRAPHIC CROP REPORT — PRAIRIE PROVINCES

This is the ninth of the 1971 series of eleven telegraphic reports issued by Statistics Canada, 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.

SUMMARY

Prairie Provinces. — Recent hot, dry weather throughout the Prairie Provinces has speeded up crop development with swathing now started in many districts. In practically all of Manitoba, northeastern Saskatchewan and west-central and northern Alberta moisture supplies are at least sufficient and heavy yields may be in prospect. Elsewhere conditions are somewhat dry but crop prospects remain favourable except in southern Alberta where the moisture deficiency is apparent. Outbreaks of army worms and webworms have occurred in rapeseed fields in all three provinces and extensive spraying operations are being undertaken.

Manitoba. — Swathing of early cereals and fall rye is under way in the south and central districts of the province and may become general elsewhere next week. Yield prospects are above average. Recent hot, dry weather has advanced crop development and permitted haying operations. Sunflowers and corn are progressing well and rapeseed and field peas are well podded. An army worm outbreak has occurred in rapeseed at Swan River. Growers have started to dig the early potato crop and above average yields are reported.

Saskatchewan. — Extremely hot and dry weather throughout the province last week forced maturity of most crops. Conditions in the northeast remain good, while elsewhere conditions are becoming somewhat dry. The general crop outlook is still very good. However, in northern Saskatchewan there has been a severe outbreak of Bertha

Agriculture Division
Crops Section

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armyworms in rapeseed. It is expected that about one million acres will need to be sprayed. Our correspondent reports that damage will be significant in heavy rape growing areas. The rapeseed crop in the southern part is good. Wheat is 65 per cent filled, coarse grains 73 per cent, flax 50 per cent and rapeseed 67 per cent. Swathing is now under way in the south, but very few wheat fields have been cut.

Alberta. — The hot weather of recent weeks in southern and east-central areas of the province has resulted in burning and poor filling of crops. In west-central and northern districts the heat is bringing heavy stands to maturity and above average yields is expected. Hail damage has been heavier than usual with three or four very large storms and a number of smaller ones causing extensive losses. Outbreaks of beet webworms and Bertha armyworms in rapeseed fields are causing considerable concern. Control measures using aerial applications of insecticides are now under way. In southern areas some barley and fall rye crops have been combined while swathing of all crops is just commencing. In the rest of the province crops are ripening quickly and cutting should be quite general by the end of August. Favourable weather has finally permitted a general completion of summerfallowing operations. Haying is now in progress in northern areas and yields and quality range from fair to good.

RUST REPORT

The Canada Department of Agriculture Research Station in Winnipeg reports that wheat leaf rust is widespread in Manitoba and parts of Saskatchewan with infections ranging from light (20 per cent) to moderately severe (70 per cent) depending on the stage of crop development. The earliest fields of Manitou and Neepawa show the heaviest infections. Yield reductions are anticipated in the more heavily infected fields but the amount of loss is not expected to exceed 10 per cent of the potential yield. Crop rust of oats is common in southeastern Manitoba with heavy infections developing in late fields. Losses will depend mainly on the earliness of the crop ranging from slight in fields now ripening to heavy (20 per cent) in the latest fields. Traces of wheat stem rust are present on wild barley but farm fields are free from infection. Traces of oat stem rust are present on wild oats and in farm fields. Damaging infections may still develop in the latest oat fields.

MANITOBA

Crops in the area near Dominion City are excellent with early barley and rye being combined. Very good yields and quality are reported. Pastures on light land need rain but the second growth alfalfa is good. At Altona swathing of barley has been under way for the last two weeks. Crops generally appear promising although growth is not exceptionally heavy because of low moisture supplies and cool weather in the district. Some rain has alleviated the drought temporarily but only the low nighttime temperatures have prevented premature ripening. Rapeseed is well podded and sunflowers are generally all in bloom.

At Pilot Mound in the south-central part of the province recent hot, dry weather has speeded up crop maturity and some swathing is now under way with scattered reports of individual farmers combining early barley. Nevertheless, swathing will not be general for another week to ten days. Prospects are very good for above average crops. Most of the haying in the district has now been finished and no major insect or disease problems have been encountered this season.

Our correspondent at Selkirk reports that good weather conditions this past week matured most crops to a point where swathing of some early sown stands will be undertaken late this week. It is expected that yields of most crops will be good although late growth of wild oats is affecting conditions in some fields. Few disease or insect problems have occurred. Farmers have almost finished cutting the first hay crop but quality is poor. In the Stonewall district crops are doing well with some early cereals turning colour and may be ready for cutting in one week's time. The recent warm weather has advanced crop development with good moisture conditions. Pastures are good.

Several days of high temperatures at Brandon have hastened the ripening of grain crops. Swathing of barley is under way with prospects for better than average yields particularly on light land. Grain is filling well and disease incidence is generally light. There are some excellent fields of rape and sunflowers. There are many weedy fields, however, due to the difficulties of spraying earlier. Pastures would benefit from rain.

Our correspondent from Teulon in the Interlake District indicates that rye is being harvested this week. Both early and late cereal crops are doing well and the grain is filling. Rapeseed is also in good condition with no insect infestations reported at this time. Moisture supplies are good. At Arborg hot weather starting one week ago brought crops along quickly. The fall rye is almost all swathed and swathing of timothy is now general. It is anticipated that early barley and rapeseed will be ready for swathing next week. All crop prospects remain excellent.

At Neepawa, the recent hot, dry weather dried up the excessive moisture allowing haying operations to proceed. Crop prospects in the area vary from 50 per cent losses to above normal yields. Some fall rye has been swathed and early-sown cereals are turning. Rapeseed is well podded and ripening while sunflowers are good. Pasture conditions are excellent.

Warm, sunny weather has advanced crops this last week near Shoal Lake in the west-central part of the province. Swathing of fall rye is general and haying is progressing. However, cutting of wild hay is restricted because of the wet conditions in low-lying areas. Weeds are a problem this year although summerfallow fields are generally in good condition.

At Dauphin, last week's hot weather saw the rapid development of all crops. Early barley is turning colour and farmers have started to swath fall rye this week. One inch of rain on August 8 caused a considerable amount of lodging throughout the district and recovery is not considered possible due to the heavy crop stand. The hot weather brought on aphid infestations on late-sown crops and armyworms were reported in rapeseed fields on August 9. Haying is almost finished.

The unweighted average precipitation for the province since April 1 has been 26 per cent above normal compared with 26 per cent above normal a week ago, 21 per cent above normal two weeks ago and 25 per cent above normal a year ago. Mean temperature for the week ending August 9 was 0.3 degree above normal in contrast to 10.6 degrees below normal a week ago and 5.8 degrees below normal two weeks ago and compared with 4.1 degrees above normal for the week ending August 10, 1970.

SASKATCHEWAN

In the southeast part of the province at Yellowgrass crops are in excellent condition. There has been some swathing of early oats and barley but swathing will not become general for about another ten days. Wild oat infestation is heavy. The recent hot weather has hastened maturity. It is expected that yields will be above average, despite the flooding in the area and uneven germination. It is reported that summerfallow is not in the best of condition. Further north at Indian Head no appreciable amount of rain has been received during the past two weeks. Temperatures have been in the 90 degree range during the past week and these high temperatures have brought all crops along rapidly. Crops are filling out very well and the early ones are turning colour. Swathing of fall rye is under way and yields will be 20 to 25 bushels per acre. Swathing of early barley will be under way this week but it will be about ten days before swathing of wheat will be general. There are no reports of Bertha armyworm in the rape crop in this area. Some leaf rust has shown up on susceptible varieties but it poses no threat to the main crop. Good progress has been made with haying operations due to the hot dry weather. Summerfallow fields are in good condition with good weed control being obtained. Livestock are in excellent condition and pastures are holding up well.

In the southwest part of the province crops are maturing rapidly at Eastend due to the hot, dry conditions that were experienced last week. Swathing of oats and barley is general and some wheat is being swathed. The sunflower crop appears good. Our correspondent estimates that fall rye is yielding 16 bushels per acre. The winter wheat crop appears to be as good as spring wheat south of Climax. A good deal of grain has been cut for feed in the area where dry land hay yields have ranged from nil to one-half ton per acre. Irrigation plots have been irrigated for a second cut which will come off around the end of August. Pastures are brown and some ranchers have moved their cattle to their winter grass. Moisture is needed in the Swift Current area for late crops and the recent hot, dry weather has been damaging stands. The rye harvest is about 50 per cent completed and yields are ranging from 10 to 25 bushels per acre and harvesting has commenced on other cereals. There has been some light insect damage on oilseed crops but none has been reported on other crops. Pastures are drying up but will carry the livestock through the season. At Leader crops are maturing rapidly and it is expected that yields will be above average. Some barley has been swathed.

Our correspondent at Melville in east-central Saskatchewan reports that crops are looking good due to the recent warm weather. Moisture conditions remain good. Crops are turning colour rapidly and some rye has been swathed. Barley swathing will commence in about a week. Haying is almost completed. Rainfall to date has been 10.27 inches as compared to 9.90 inches at the same date a year ago. Crops are maturing slowly around Togo. Rye swathing has started and swathing of some early barley fields has commenced. However, it will be about ten days before swathing becomes general. Grain stands are heavy and wild oats are in evidence throughout all crops. Summerfallows are well worked. Haying is nearly completed and pastures are showing the effects of hot weather. Hot, dry weather in the Endeavour region experienced over the past ten days has caused early crops of rapeseed and barley to ripen quickly although wheat is still green. No armyworms have been reported in this area. Moisture conditions are adequate.

Ten days of hot weather experienced in the Drake area has helped mature grain fields. The rye crop has been swathed and early-sown barley is ripening with above average prospects. No insect damage has been reported to date. Summerfallow conditions have improved during the past week. Haying is near completion and pastures and cattle are good. At Saskatoon the recent hot, dry weather has advanced crops rapidly. Swathing has started on barley and rape fields. All crops look exceptionally good. A few fields of rape near Elstow and Blucher have been severely damaged by beetle webworms. Bertha armyworms are present in small numbers in a few fields.

At Scott, in the west-central region, cereal crops are developing rapidly due to the recent hot, dry weather. Early barley fields are almost ready to swath. Wheat is filling well and starting to show some colour. The early rape is nearing the swathing stage. However, the later rape has completed flowering but is still very green. Bertha armyworms are causing serious injury to a number of rape fields. Aircraft spraying is in great demand and insecticides are being applied as quickly as material and equipment become available. Haying is nearing completion.

In the northeast region at Melfort, hot, dry weather of the past week has been ideal for maturing crops. Swathing of early-seeded barley and rapeseed is under way but will not be general for seven to ten days. Stands are heavy and filling well. The severe outbreak of Bertha armyworms is attacking the rape crop in this area. Numerous aircraft are spraying chemicals in an effort to control this outbreak which may be affecting about 50 per cent or more of the rapeseed in the region.

The Saskatchewan Municipal Hail Insurance Association reports the following storms since the last report: July 18 - Goodeve, Melville; July 20 - Saltcoats, Langenburg, Rose Valley, Aberdeen, Waldheim, Blaine Lake, Moosedale, Debden; July 21 - Mazenod, Cabri, Dewar Lake, Flaxcombe, Kindersley, Luseland, Kerrobert, Kelfield, Reward; July 23 - Bethune, Laporte, Glidden, Eston, Tyner, Wadena, Dewar Lake, Marengo, Kindersley, Brock, McGee; July 24 - Grayson, Elrose, Wiseton, Kyle, Ituna; July 27 - Hirsch, North Portal, Cote; July 28 - Fertile, Redvers, Rocanville, Ituna; August 3 - Mendham, Alsask, Maidstone; August 5 - Fox Valley.

The unweighted average precipitation for the province since April 1 has been 4 per cent above normal, compared with 11 per cent above normal a week ago, 13 per cent above normal two weeks ago, and 30 per cent above normal a year ago. Mean temperature for the week ending August 9 was 8.2 degrees above normal, in contrast to 6.5 degrees below normal a week ago, 2.6 degrees below normal two weeks ago, and compared with 6.7 degrees above normal a year ago.

ALBERTA

Our correspondent at Medicine Hat in southeastern Alberta reports that crops are suffering due to the very dry conditions. Early-seeded fields of wheat, oats and barley are now being combined. Wheat yields have been reported in the 10 to 25 bushel per acre range while oat yields are running at 20 to 40 and barley at 20 to 50. Combining of fall rye crops is nearly completed and yields have been reported at up to 30 bushels per acre. Pastures are dry and short but cattle are in good condition. Summerfallow appears to be in good condition.

At Lethbridge in the southwest region threshing of winter wheat crops is near completion with average yields reported. Swathing of spring wheat and barley crops has now started. Early crops are above average, however, late-seeded crops have suffered from the drought and heat. Conditions are ideal for sugar beets and canning crops. Harvesting of peas is now 65 per cent completed with excellent quality reported. The green bean harvest is now 25 per cent completed with excellent yields. Prospects for corn, carrots and red beets are better than average. Early-seeded rapeseed yields appear to be above normal but late-seeded crops will be below average. Sunflowerseed crops are better than normal and the outturn of grain corn looks promising.

In the south-central region around Brooks very hot, dry weather prevails. Swathing is now general and some dry land crops are being cut for feed. Yields of fall rye range as high as 30 bushels per acre with bushel weights up to 60 pounds. Second cutting of hay crops is now beginning. Aphids are prevalent in some alfalfa fields. A good set of alfalfa seed has been reported where leaf-cutter bees have been located.

In the Calgary area barley crops are showing signs of premature ripening due to the extreme heat which has been experienced in the past few weeks. Crops still remain in good condition but a general rain is needed to complete the filling of the heads. Surface moisture is poor while subsoil moisture remains good. In the Olds area all grain crops are maturing rapidly. The present heat and drought conditions will cut overall yields. Hail damage has been light to date. Armyworms are coming into this area with infestations ranging from light to heavy. Forage crop yields are above average. Swathing of fall rye crops is now in full swing while swathing of early barley will be at least another week to ten days.

At Stettler in central Alberta hot dry weather is advancing crop maturity very rapidly. Swathing of fall rye is now in progress. The beet webworm has been reported in some rapeseed crops. Fifty per cent of the district was hit by hail on July 23 with damage reports ranging from 50 to 100 per cent. Prospects are for above average yields in areas not damaged by hail.

The worst hail storm in years struck the Red Deer area of west-central Alberta on July 23. The storm ran from Rocky Mountain House to east of Stettler varying in width from 10 to 20 miles. Alberta Hail Studies reports that one million acres were affected. The hardest hit areas were the Joffre and Haines districts northeast of Red Deer. The first reports of infestation of the beet webworm in rapeseed were received on August 1. Since then about 3,000 acres have been sprayed and the situation now seems relatively quiet. Crops which have not been hailed or eaten look very good. Early barley and rapeseed crops are now turning. Most crops, and especially the later seeded ones, could use some moisture to help filling. Second cut hay crops are about average and many will soon be cut. In the Lacombe district the past two weeks of hot dry weather has brought cereal crops on quickly. Harvesting operations could begin in 7 to 10 days. Second cuttings of hay are about completed with yields reported as good. The moisture supply is now about depleted due to heavy growth and heat. In the Eckville area the severe hail storm of July 23 caused crop damage ranging from 60 to 100 per cent in an area three miles south of Eckville to 20 miles north and eight miles west through to Red Deer on the eastern side. The hot, dry weather which has been experienced since the storm is rapidly maturing the remaining crops. Haying is now completed and choice quality hay has been taken off.

At Bonnyville in the northeast region grain and rapeseed crops are in excellent condition. Some barley fields are now starting to mature. A good supply of hay has been put up. There have not been any reports of outbreaks of either the beet webworm or the Bertha armyworm in rapeseed.

Our correspondent at Beaverlodge in the Peace River District reports continued lodging in seed legume crops. The fescue harvest is now virtually completed with only mediocre yields reported. Swathing of brome crops is now under way. Leaf diseases in cereals are quite serious. Staghorn is prevalent in rapeseed crops. Swathing is now beginning on early barley. In the Fort Vermilion area harvesting of barley has now started and 50 per cent of the barley has been swathed. Approximately 25 per cent of the rapeseed, wheat and oat crops has been swathed. Moisture conditions are described as fair to good.

The Alberta Hail and Crop Insurance Corporation reports the following hail storms in the province: on July 21 a storm moving from northwest to southeast at 6:00 P.M. inflicted severe damage in townships 83, 81 and 80 in range 22 west of the 5th meridian as it moved southeast from Peace River to Nampa and Jean Cote; on July 22 a late evening storm beginning at Elk Point damaged an area 5 miles wide by 20 miles long through Lindberg, Heinsburg and into Saskatchewan, with heaviest damage reported from townships 55 and 56, ranges 4 and 5; July 23 perhaps was the worst hail day in recent years with two storms, the first of which began at 2:00 P.M. at Sundre and moved due east to Disbury, Three Hills, Morrin, Delia, Craigmyle and Hanna to the Saskatchewan border at 9:00 P.M. with heavy crop damage reported in a 10 mile wide strip from Three Hills to east of Hanna; also on July 23 a storm of huge proportions moved on a 30 mile wide front from Rimbey at 5:30 P.M. over Bentley, Sylvan Lake, Lacombe, Blackfalds and Red Deer, causing complete crop destruction from Alix to Nevis, Stettler and Halkirk; on August 3 a storm centering on Morrinville damaged a strip 5 miles wide and 10 miles long in a northwest to southeasterly direction; another storm beginning at 8:00 P.M. at Mystery Lake moved over Barrhead and damaged a strip 3 miles wide and 10 miles long in township 59 ranges 1 to 5; on August 6 a storm beginning at 3:00 A.M. travelled from southeast to northwest from just north of High Prairie through Guy with damage reported from townships 75 and 76 ranges 20, 21 and 22; on August 7 a violent storm moved due east from Whitecourt and inflicted severe damage at Blue Ridge, Barrhead, Westlock and Thorhild; on the same day a second storm was reported to have travelled from Whitecourt to Sangudo, Vimy and Clyde.

The unweighted average precipitation for the province since April 1 has been 3 per cent above normal compared with 6 per cent above normal a week ago, 12 per cent above normal two weeks ago and 9 per cent above normal a year ago. Mean temperature for the week ending August 9 was 10.1 degrees above normal compared with 2.1 degrees above normal a week ago, 1.0 degree above normal two weeks ago and 5.7 degrees above normal for the week ending August 10, 1970.

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.	
		August 9, 1971	April 1	April 1	August 9	
					1971	Normal
			inches			degrees F.
MANITOBA						
1	Boissevain	trace	11.55	10.00	70	66
	Pierson	nil	12.52	9.33	71	67
2	Baldur	nil	14.17	9.94	67	67
	Pilot Mound	nil	14.45	9.89	65	67
3	Altona	nil	7.10	9.25	68	67
	Deerwood	nil	14.72	9.64	68	69
	Graysville	nil	14.61	8.87	64	67
	Morden	nil	10.49	9.89	68	69
	Morris	nil	9.29	9.15	68	68
	Portage la Prairie	nil	14.71	11.24	68	69
	Roland	nil	8.28	9.40	65	68
4	Stonewall	nil	12.99	10.08	66	67
5	Emerson	trace	10.32	9.62	63	68
	Steinbach	nil	10.16	9.50	66	67
	Winnipeg	nil	12.41	9.75	67	68
	Starbuck	trace	16.21	9.53	67	67
6	Pinawa	nil	10.34	6.11	65	67
	Great Falls	N.R.	8.84	7.55	N.R.	67
	Sprague	nil	11.76	10.16	60	65
7	Virden	N.R.	10.71	9.54	N.R.	67
8	Brandon	nil	15.23	10.23	68	67
	Cypress River	nil	15.27	9.83	68	68
9	Gladstone	N.R.	14.70	9.79	N.R.	66
10	Birtle	nil	14.24	10.07	69	65
	Rosburn	nil	10.51(2)	9.25	68	64
	Russell	nil	11.04	8.24	68	65
11	Dauphin	.01	11.81	9.90	69	67
12	Arborg	.19	11.96	9.39	66	65
	Gimli	nil	11.78	9.97	67	67
13	Swan River	.55	10.22	9.54	70	65
	The Pas	.07	5.27	8.25	71	64
MANITOBA AVERAGE		.03	11.90	9.45	67.1	66.8

For footnotes, see page IV.

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Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. August 9, 1971	since April 1	since April 1	8 a.m. August 9 1971	Normal
			inches		degrees F.	
SASKATCHEWAN						
1A	Carlyle	trace	11.56	8.74	70	64
	Estevan	nil	10.49	8.85	71	68
	Oxbow	N.R.	8.09(2)	7.85	N.R.	65
	Willmar	N.R.	7.50(2)	9.41	N.R.	65
1B	Broadview	nil	8.11	9.56	69	64
	Moosomin	nil	10.35	9.87	67	66
2A	Yellow Grass	trace	8.77	8.59	72	66
	Weyburn	trace	7.20	8.28	73	65
	Midale	nil	7.28	8.24	71	67
	Amulet	N.R.	7.72(2)	N.R.	N.R.	N.R.
2B	Moose Jaw	trace	6.44	8.08	77	67
	Regina	.10	5.98	8.37	74	66
	Francis	.03	7.87	7.92	74	65
	Indian Head	.02	9.10	8.13	73	65
3AS	Ormiston	nil	3.48	8.50	76	66
	Cardross	nil	2.72	8.57	78	66
3AN	Gravelbourg	nil	4.37(2)	7.02	74	67
3BS	Shaunavon	trace	6.85	7.44	77	65
	Aneroid	nil	5.91	7.15	78	66
	Instow	N.R.	6.70(2)	7.46	N.R.	65
	Swift Current	trace	5.55	8.30	78	66
3BN	Pennant	nil	5.46	7.39	70	66
	Hughton	N.R.	6.65(2)	6.74	N.R.	66
	Maple Creek	N.R.	4.47(2)	6.87	N.R.	66
4A	Consul	.21	3.52	6.12	69	65
	Leader	.10	7.70	6.47	79	67
5A	Cupar	trace	6.08	7.88	73	66
	Balcarres	trace	6.95	8.36	69	65
	Lipton	trace	6.46	7.62	71	65
	Melville	nil	11.58	N.R.	79	N.R.
	Yorkton	.05	9.69	8.67	69	66
	Bangor	nil	9.37	8.91	70	64
	Wynyard	trace	9.63	8.16	72	64
	Foam Lake	.21	9.34	8.13	71	64
5B	Kuroki	trace	9.90	8.52	69	63
	Kamsack, Cote	.02	8.54	8.10	69	65
6A	Davidson	trace	7.47	7.85	75	65
	Strasbourg	trace	8.08	8.33	72	64

For footnotes, see page IV.

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		Week ending	Total	Normal	week ending	
		8 a.m. August 9, 1971	since April 1	since April 1	8 a.m. August 9 1971 Normal	
			inches		degrees F.	
<u>SASKATCHEWAN</u> - Concluded						
6A	Watrous	trace	10.79	7.42	71	65
	Liberty	nil	8.56(2)	N.R.	74	N.R.
6B	Harris	nil	5.30(2)	6.65	76	65
	Outlook	.11	8.76	6.69	77	66
	Saskatoon	.07	10.17	6.83	74	66
	Elbow	nil	6.64	7.99	75	65
	Tugaske	.02	7.37	8.11	76	65
	Dundurn	N.R.	12.01(2)	6.81	N.R.	66
7A	Kindersley	.20	6.28	6.20	77	65
	Rosetown	.15	7.88	7.34	76	65
7B	Macklin	3.30	11.92	7.12	73	64
	Denzil	trace	8.22	7.10	73	64
	Scott	nil	8.89	7.34	74	63
	Biggar	.15	9.48	7.07	75	65
8A	Hudson Bay	trace	6.76	8.90	71	63
	Prairie River	N.R.	8.66(2)	9.08	N.R.	62
8B	Humboldt	nil	11.54	7.26	72	64
	Melfort	.13	9.54	8.03	71	64
9A	North Battleford	nil	7.62	7.09	74	65
	Victoire	.06	7.72	7.62	69	61
	Prince Albert	.46	10.76	7.91	72	64
9B	Waseca	N.R.	7.16(2)	7.97	N.R.	62
	Meadow Lake	1.02	12.63	8.46	70	60
SASKATCHEWAN AVERAGE		.12	8.17	7.85	73.1	64.9

ALBERTA

1	Empress	nil	4.38	6.71	79	66
	Foremost	.09	5.64	7.01	78	67
	Manyberries	nil	6.55	6.29	79	67
	Medicine Hat	.17	4.33	6.68	81	68
2	Brooks	.01	5.05	6.72	77	66
	Vauxhall	.05	4.96	6.40	78	65
	Raymond	trace	7.45	7.24	76	65
	Lethbridge	.09	6.92	8.33	78	65

For footnotes, see page IV.



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- IV -

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Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. August 9, 1971	since April 1	since April 1	8 a.m. August 9 1971	Normal
			inches			degrees F.
ALBERTA - Concluded						
2	Trochu	N.R.	8.33(2)	8.23	N.R.	63
	Queenstown	trace	5.79	8.26	77	63
3	Calgary	nil	8.04	9.76	74	61
	Cardston	N.R.	10.02(2)	9.34	75	63
	Pincher Creek	.18	7.75	10.01	74	62
	Fort MacLeod	trace	6.51	9.35	78	66
	High River	nil	8.23	10.05	72	60
	Olds	nil	7.81	10.21	70	61
4	Alliance	.04	8.78	7.56	73	62
	Coronation	.05	7.75	7.52	75	62
	Hughenden	nil	9.61	7.57	72	63
	Lloydminster	.06	9.63	7.71	72	63
	Stettler	nil	7.11	8.71	72	62
	Vegreville	.06	8.56	8.29	71	62
	Ranfurly	trace	8.54	8.69	71	61
	Vermilion	nil	7.92	7.89	71	61
5	Edmonton	.34	8.88	10.19	68	62
	Lacombe	nil	9.04	10.39	70	61
	Red Deer	nil	8.09	12.03	70	61
	Rocky Mountain House	nil	11.31	11.46	70	59
	Wetaskiwin	trace	10.82	9.94	71	61
6	Campsie	1.68	12.20	10.44	67	60
	Edson	.70	18.09	11.24	67	58
	Elk Point	1.27	11.23	8.52	71	60
	Lac la Biche	N.R.	5.57(2)	8.57	N.R.	61
	Whitcourt	1.86	17.55	10.73	66	58
7	Beaverlodge	.12	9.42	7.73	64	59
	Ft. Vermilion	.33	4.40	6.45	70	60
	Grande Prairie	.96	12.24	7.69	66	59
	High Prairie	.88	13.14	8.76	64	60
	Peace River	.24	8.60	6.42	66	59
	Wagner	.59	13.14	7.77	66	59
ALBERTA AVERAGE		.26	8.80	8.57	72.1	62.0

(1) Source: Meteorological Service of Canada.

(2) Incomplete; not included in average.

N.R. - No report.