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## Field Crop Reporting Series — No. 11

### TELEGRAPHIC CROP REPORT — PRAIRIE PROVINCES

This is the seventh of the 1973 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 Atmospheric Environment Service, Environment Canada.

### Advanced Preliminary Estimates of Specified Crop and Summerfallow Acreages, Prairie Provinces, 1973

Preliminary estimates for the Prairie Provinces of acreages seeded to all types of wheat, durum wheat, oats for all purposes, barley, rye, flaxseed, rapeseed and acreages in summerfallow in 1973 appear on page 2 of this report. All of these estimates are subject to change upon the completion of the tabulation of the 1973 acreage survey returns. The 1973 acreage estimates are based on returns from Statistics Canada's annual June survey. Agricultural statisticians in each of the provinces have co-operated in determining the estimates.

Farmers in the Prairie Provinces have seeded larger acreages of wheat, oats, spring rye and flaxseed, this year than last and are devoting less land to summerfallow. The acreage seeded to all types of wheat in the Prairie Provinces in 1973 reached 24,200,000 acres, some 16 per cent larger than the area seeded in 1972 but 4 per cent less than the ten-year 1962-71 average of 25,298,400 acres. Durum wheat acreage included in the above total, and estimated at 2,550,000 decreased some 19 per cent from the previous year. Combined acreage in oats and barley, the major feed grains at 18,000,000 acres increased 2 per cent from the previous year's level and 25 per cent above the ten-year average. Oat acreage at 6,300,000 is up 11 per cent from last year but down 7 per cent from the ten-year average. The acreage sown to barley, at 11,700,000 is down 2 per cent from last year but up 53 per cent from the ten-year average. All rye acreage at 582,000 is up slightly from the 1972 figure of 581,500 acres. The acreage planted to rapeseed decreased 4 per cent to 3,150,000

Agriculture Division  
Crops Section

5-3102-508

Preliminary Estimates of Crop and Summerfallow Acreages  
1973 with Comparisons — Prairie Provinces

Crops	Average 1962-71	1971	1972	1973	1973 as % of 1972
		acres			%
PRAIRIE PROVINCES					
Wheat (incl. durum) ....	25,298,400	18,885,000	20,800,000	24,200,000	116
Oats(1) .....	6,762,800	6,308,000	5,700,000	6,300,000	111
Barley .....	7,632,900	13,312,000	11,900,000	11,700,000	98
Fall rye .....	607,350	855,000	540,000	540,000	100
Spring rye .....	87,760	50,700	41,500	42,000	101
All rye .....	695,110	905,700	581,500	582,000	100
Flaxseed .....	1,897,100	1,762,000	1,320,000 <sup>r</sup>	1,450,000	110
Rapeseed .....	1,864,020	5,306,000	3,270,000	3,150,000	96
Summerfallow .....	27,806,900	26,224,000	29,000,000	25,500,000	88
MANITOBA					
Wheat (incl. durum) ....	2,941,400	2,519,000	2,600,000	3,100,000	119
Oats(1) .....	1,677,300	1,468,000	1,200,000	1,400,000	117
Barley .....	1,007,800	2,052,000	2,100,000	2,100,000	100
Fall rye .....	123,950	127,000	80,000	80,000	100
Spring rye .....	2,360	1,500	1,500	2,000	133
All rye .....	126,310	128,500	81,500	82,000	101
Flaxseed .....	921,500	566,000	500,000 <sup>r</sup>	600,000	120
Rapeseed .....	188,920	581,000	470,000	400,000	85
Summerfallow .....	2,998,900	2,655,000	2,900,000	2,400,000	83
SASKATCHEWAN					
Wheat (incl. durum) ....	16,859,600	12,923,000	13,900,000	16,200,000	117
Oats(1) .....	2,404,400	2,397,000	2,100,000	2,400,000	114
Barley .....	2,539,500	5,571,000	4,600,000	4,300,000	93
Fall rye .....	328,200	502,000	260,000	240,000	92
Spring rye .....	56,460	25,600	20,000	20,000	100
All rye .....	384,660	527,600	280,000	260,000	93
Flaxseed .....	624,000	925,000	650,000 <sup>r</sup>	650,000	100
Rapeseed .....	901,400	2,737,000	1,500,000	1,450,000	97
Summerfallow .....	17,585,000	16,560,000	18,500,000	16,400,000	89
ALBERTA					
Wheat (incl. durum) ....	5,497,400	3,443,000	4,300,000	4,900,000	114
Oats(1) .....	2,681,100	2,443,000	2,400,000	2,500,000	104
Barley .....	4,085,600	5,689,000	5,200,000	5,300,000	102
Fall rye .....	155,200	226,000	200,000	220,000	110
Spring rye .....	28,940	23,600	20,000	20,000	100
All rye .....	184,140	249,600	220,000	240,000	109
Flaxseed .....	351,600	271,000	170,000	200,000	118
Rapeseed .....	773,700	1,988,000	1,300,000	1,300,000	100
Summerfallow .....	7,223,000	7,009,000	7,600,000	6,700,000	88

(1) Includes oats for grain and for hay.

<sup>r</sup> Revised.

Preliminary Estimate of Durum Wheat Acreages  
1973 with Comparisons — Prairie Provinces

Provinces	1971	1972	1973	1973 as % of 1972
		acres		%
Manitoba .....	141,000	160,000	100,000	62
Saskatchewan .....	1,889,000	2,700,000	2,200,000	81
Alberta .....	242,000	300,000	250,000	83
Prairie Provinces .....	2,272,000	3,160,000	2,550,000	81

acres from 3,270,000 in 1972, but is substantially above the ten-year average. The area sown to flaxseed registered an increase of 10 per cent over last year to 1,450,000 acres, but decreased by 24 per cent from the ten-year average. Land summerfallowed in 1973 at 25,500,000 acres is some 12 per cent less than the previous year and 8 per cent less than the ten-year 1962-71 average.

The acreage seeded to all wheat at 24,200,000 acres registered increases in all three provinces in 1973. The Manitoba acreage at 3,100,000 acres is 19 per cent above the 1972 acreage and 5 per cent above the ten-year average. The Saskatchewan acreage at 16,200,000 is up 17 per cent from last year but 4 per cent less than the ten-year average. The Alberta area of 4,900,000 is up 14 per cent from that of 1972 but down 11 per cent from the ten-year average. Durum wheat plantings, included in the above totals were substantially smaller in each of the three Prairie Provinces this year. Manitoba farmers seeded 100,000 acres to this crop in 1973 some 38 per cent smaller than in 1972. Saskatchewan shows a decrease of 19 per cent from 2,700,000 acres last year to 2,200,000 this year. Alberta is also down by 17 per cent from 1972, with 250,000 acres seeded to durum wheat this season. The acreage seeded to oats for all purposes totalled 6,300,000 acres, some 11 per cent above the 1972 level of 5,700,000 acres. Increases in the 1973 acreage occurred in all three provinces. The acreage in Manitoba at 1,400,000 in 1973 is 17 per cent above the 1,200,000 acres sown the previous year, while the Saskatchewan acreage at 2,400,000 this year increased by 14 per cent from the 2,100,000 seeded in 1972. In Alberta, oat acreage this season at 2,500,000 is 4 per cent above that of the previous year. The area seeded to barley in 1973 is 2 per cent smaller than the 1972 acreage of 11,900,000 but shows a marked increase of 53 per cent over the ten-year average. In Manitoba current barley acreage at 2,100,000 remains the same as in 1972. The 1973 Saskatchewan acreage of 4,300,000 is down 7 per cent from the 1972 level of 4,600,000 acres. In Alberta the 1973 acreage at 5,300,000 is 2 per cent above the 5,200,000 acres of the previous year.

Fall and spring sown rye were planted on 582,000 acres which represents a slight increase from the 1972 figure of 581,500 acres, but 16 per cent less than the ten-year average.

The 1973 flaxseed area at 1,450,000 acres is 10 per cent above the revised estimate of 1,320,000 acres seeded in 1972 but is 24 per cent below the ten-year average. The 1973 Manitoba acreage at 600,000 is up 20 per cent from the revised 1972 acreage of 500,000. The Alberta acreage at 200,000 is 18 per cent above that seeded last year. The Saskatchewan acreage at 650,000 remains the same as the

revised 1972 figure.

The Prairie rapeseed area at 3,150,000 is some 4 per cent less than last year's 3,270,000 acres but shows a marked increase of 69 per cent over the ten-year average. In Saskatchewan 1,450,000 acres were seeded this spring which represents a decrease of 3 per cent from the 1972 level of 1,500,000, while in Manitoba the decrease was 15 per cent bringing the current level to 400,000 acres in contrast to 470,000 the previous season, while the Alberta acreage remains the same as the 1972 area at 1,300,000 acres.

The area of improved land to be summerfallowed in 1973 at 25,500,000 is 12 per cent below the 1972 level of 29,000,000 acres and 8 per cent below the ten-year average. In Alberta summerfallow this year is estimated at 6,700,000 acres some 12 per cent less than last year's 7,600,000 while in Saskatchewan some 16,400,000 acres are being summerfallowed in 1973 compared with 18,500,000 in 1972. Manitoba's summerfallow acreage this year stands at 2,400,000, 17 per cent less than the 1972 figure of 2,900,000.

#### Other Crops

The area in 1973 in tame hay, mixed grains and most other crops will be published in the regular acreage release (C.R. No. 13) on July 27, 1973.

#### SUMMARY

Prairie Provinces. — In most parts of the prairies moisture conditions are adequate to excessive in some districts, and dry, warm weather is required for crop development. However, very dry conditions continue in southwest Alberta and southwestern Saskatchewan with crop deterioration taking place as a result; rain is urgently needed in these districts. Throughout the prairies cereals are in the shot-blade or heading and rapeseed is in bloom. Haying is in progress. Insect infestations are reported in rapeseed fields and control measures are being undertaken where warranted.

Manitoba. — Crops are progressing well in all districts throughout the province with most cereals in the shotblade to early headed stage. More rain is needed in the Shoal Lake, Minnedosa and Foxwarren areas. Moisture conditions remain favourable in the remainder of the province. Heavy rain, hail and wind have damaged crops in the eastern and central districts. Weed growth is above normal and spraying is almost completed. Haying is general with reported yields fair to good.

Saskatchewan. — Crop conditions are generally good throughout the province with the exception of the extreme southwest where lack of moisture is causing deterioration of crops. Elsewhere, moisture conditions range from good to excellent and excessive in the northeast. Cereals are heading or have headed and early sown rapeseed is in full bloom. Haying operations are in full swing with an excellent crop in the eastern part of the province but only a fair crop in the west.

Alberta. — Continuing dry weather in the southwest corner of Alberta is causing some crop deterioration with conditions becoming critical in some areas. The south-central part of the province is also dry and concern is felt for crop prospects there with rain needed immediately. Pastures and hay yields are less than average in the dry areas. In all other parts of the province however, moisture supplies are adequate to plentiful with some reports of excessively

wet fields. Cereals are in the shotblade with early planted grain headed and rapeseed is in bloom. Haying operations are in progress although activity has been delayed by showery weather in some districts.

#### RUST REPORT

The Agriculture Canada Research Station in Winnipeg reports that leaf rust of wheat is widespread and increasing throughout Manitoba and southeastern and south-central Saskatchewan. Although commercial varieties are moderately resistant, some crop damage is expected to occur in some areas. Crown rust of oats occurred throughout southern Manitoba and southeastern Saskatchewan as usual and could cause some crop losses if suitable weather conditions prevail. Stem rust of wheat has not been observed and presents no threat to resistant varieties in Western Canada. Stem rust of oats has not been observed in Western Canada.

#### MANITOBA

At Altona many cereals are now headed but stands are generally very uneven. Recent winds and rains have caused some damage. Many fields are now being reseeded. Sunflower beetles are giving increasing concern in the area. Spray damage for weed control on cereal crops is likely to reduce yields considerably.

Moisture conditions remain excellent following one to two inches of rain on the weekend at Pilot Mound. Crops are stooling out well with the early cereals in head. Rapeseed, flaxseed and sunflowers are making good progress. Early rapeseed and flaxseed are now in bloom. Sunflower beetle damage has been reported. Pasture growth is excellent and haying operations are general with slightly above average yields. Our correspondent at Somerset reports up to five inches of rainfall last week causing serious soil eroding and flooding. About 10,000 acres were damaged by the hail and wind. Damage is estimated at 100 per cent on most of the headed crop. Rapeseed and mustard are flowering. Haying operations have been delayed due to the weather. Pastures remain good and some leaf rust has been reported on cereals.

Crop conditions at Beausejour improved during the past week. Many fields will be late due to excessive moisture. Weed conditions are serious as spraying operations were held up. A small infestation of Painted Lady Caterpillars is reported. Haying operations are progressing favourably. At Selkirk early crops have headed out. Some rain and hail were experienced throughout the district last week. Crop growth is good to excellent with excessive weeds appearing where spraying was impossible due to the wet weather. The first-cut of hay is under way with average yields expected. Pastures and special crops are doing well.

At Stonewall frequent rains, wind and cool weather have prevented spraying and this has resulted in an unusual number of weedy fields. Crops are progressing favourably with some wheat already in head. Yellowing of crops due to excessive moisture has occurred. The Painted Lady Caterpillars and flea beetles are the dominant insect pests. Haying is in progress with good yields. Pastures remain good and cattle are doing well in spite of mosquitoes and other livestock insects.

The growth of crops at Brandon continues to be satisfactory. Rainfall amounting to 0.74 inch on July 4 and 5 have improved overall conditions. Haying is in progress and spraying for weeds has been completed. Insect problems in field crops are few.

Soil moisture conditions are very good at Teulon. Five per cent of the crops have been drowned out. Wild oat and mustard control has been fair. Field crops, hay fields, and pastures are in excellent condition. Rust is now appearing on some of the early seeded cereals. At Arborg growing conditions are excellent. Barley and flaxseed which were yellowed due to excessive moisture are recovering well. Early seeded wheat and barley are starting to head. Prospects for a good yield appear excellent at the moment. Haying operations although delayed by rain are approximately 30 per cent complete. Hay yields are very good.

Warm weather and scattered showers improved crop growth in the Neepawa district last week. Cereals are now headed and appear excellent. High winds caused some damage to oats. The second-cut of hay is now in progress with good yields. There have been some reports of insect damage on fababeans and the Forest Tent Caterpillar has caused some damage in sunflowers. At Minnedosa early barley and wheat are in head. Most of the rapeseed and mustard crops are now in bloom. Haying operations are under way with good yields. More rain is needed over most of the district. Heavy winds have caused some damage but crops should recover.

Field spraying is almost completed in the Russell district. The outlook for cereal and oilseed crops is generally good. No major insect problem has been reported. The dry weather of last week has advanced haying operations with reported yields being below average. Foxwarren is in desperate need of a good rainfall while other parts of the district report good moisture conditions.

In the northwest area of the province at Dauphin field crops are progressing well with the early cereals now in head. Spraying operations are almost complete. Haying is general throughout the area with above average quality and quantity reported. A good general rain is needed to maintain the heavy growth. At Swan River crop conditions are good although the weeds are serious because control has been delayed due to weather conditions. The adult moths of the Bertha Armyworm are now in flight and eggs are now appearing in the early rapeseed fields. Haying is general throughout the district.

The unweighted average precipitation for the province since April 1 has been 19 per cent above normal compared with 20 per cent above normal a week ago, 25 per cent above normal two weeks ago and in contrast to 23 per cent below normal a year ago. The mean temperature for the week ending July 9 was 1.0 degrees F. below normal compared with 3.7 degrees below normal a week ago, 0.4 degree below normal two weeks ago, and 4.8 degrees below normal for the week ending July 10, 1972.

#### SASKATCHEWAN

At Moosomin in the southeast moisture conditions are excellent after receiving the odd shower this past week. Early wheat and barley are headed. Haying operations on a heavy stand have commenced. Pastures are in very good condition. In the Fillmore district timely moisture and warm weather resulted in ideal growing conditions. Many fields are now heading but continued moisture is required to maintain the heavy growth. Some stubble crops are in need of rain. Summerfallows are in good condition and haying is progressing well with ideal weather. Pastures are good and gardens are excellent. Around Indian Head temperatures have been ideal for good growth. Moisture reserves are very high and some damage from flooding of the previous week's rainfall is still evident. Crop growth is generally good although some late crops do show signs of deterioration from high moisture. Early seeded crops are lush and show signs of heading. Chemical spraying for weeds is well advanced and showing satisfactory control. A light infestation of grasshoppers is evident in grassland.

Approximately 50 per cent of a very heavy hay crop has been cut. Wet field conditions have made the harvesting of hay difficult but yields are well above average. Pastures are in excellent condition. Control of weeds on summerfallow has been difficult because of the wet conditions and chemicals may have to be used. Water erosion last week caused considerable damage.

In the south-central area at Big Beaver seeded crops are very good with approximately 80 per cent now headed. Summerfallows are in good condition and a fair crop of tame hay is being harvested. Some grasshoppers are still hatching and spraying is general. At Gravelbourg crops are advancing favourably and range from good to excellent. About 30 per cent is now headed with the balance in the shotblade. Harvesting of a good crop of hay is now in full swing. Flax and mustard fields are very good with some now in bloom. Scattered showers last weekend made the prospects for crops very good, however, rain will be required.

Conditions are very dry in the southwest at Val Marie where only 0.38 inch of rain fell during the past month for a total of 3.68 inches since April 1. Crops are starting to burn and prairie land is very dry. Dugouts in pastures are next to empty. First-cutting of irrigated hay is just about complete with an average crop reported; second-cutting will commence next week. Gophers are extremely numerous in this district and a few outbreaks of grasshoppers are reported. Cattle are looking good considering the lack of moisture. Crops are all headed and rain is urgently required to improve conditions. At Eastend crops are generally good but have deteriorated in some local areas and rain is required immediately. The hay crop is below average but livestock is in good condition. The weed problem is not serious in this area. Moisture conditions are good in the Leader area and crops are making good growth with approximately half of the cereals now headed.

At Melville in the east-central district about 15 per cent of the wheat is in shotblade and the crop outlook is excellent. Warm weather is required to advance the crop as moisture conditions are plentiful. Rainfall since May 1 to date has been 9.34 inches in contrast to 1.47 inches for the same period last year. Farmers have started haying and yields are very good. At Endeavour warm weather this past week has made good growth in all crops. Early wheat is beginning to head and rapeseed is starting to blossom. Coarse grains are stooling well and haying operations are just starting with good stands reported. Pastures are in good condition.

In the central part of the province at Drake early sown cereals are heading. Rains have made completion of chemical weed spraying impossible. Haying and summerfallow operations are now under way with only an average crop of hay expected. Warm weather is needed to hasten growth of all crops which are about two weeks later than usual. Pastures and livestock are in good condition. In the Craik area crops are now heading and haying is general. Hail and winds caused some damage in rapeseed and mustard. Weed spraying is complete and spraying for grasshoppers is in progress. Summerfallows are in good condition. Good moisture conditions and higher temperatures in the Saskatoon area have improved crop growth this past week and most crops look good. Haying is about 75 per cent completed with good yields reported. Thistle Caterpillars and Loopers are present in many fields of rapeseed but damage has been very light. Bertha Armyworm moths are laying eggs but larvae are expected to be less numerous than last year.

A better than average crop is expected at Rosetown in the west-central area where early seeded crops are about ten to twelve inches and heading. Some hail damage of 10 to 100 per cent is reported south and west of town. Flax and rapeseed crops look good and some late seeded crops are making a comeback. Farmers are now harvesting a fair crop of hay and pastures require more rain. Most summer-fallows are black.

Crops made good growth at Melfort, in the northeast this past week. Early grain is in the shotblade stage and rapeseed is in flower. Later seedings are growing rapidly and hay is yielding well. Weed control on both fallow and cropland is a major problem following the wet conditions. Many fields are still too wet to permit equipment.

The Saskatchewan Municipal Hail Insurance Association reports the following storms: June 30 — at Success, Stewart Valley, Main Center, Herbert, Shamrock, Coderre, Expanse, Spring Valley, Avonlea, Kronau, Davin, Eatonia, Kindersley, Brock, Fiske and Rosetown; July 1 — at Lajord, Montmartre, Mendham, Semans, Foam Lake and Young; July 5 — at Strasbourg, Earl Grey, Cupar, Craik, Laporte, Eatonia and Kelvington; July 6 — at Fox Valley, Elfros and Cloan.

The unweighted average precipitation for the province since April 1 is 31 per cent above normal compared with 36 per cent above normal a week ago, 33 per cent above normal two weeks ago and in contrast to 16 per cent below normal a year ago. Mean temperature for the week ending July 9, 1973 was 1.3 degrees F. below normal compared with 0.7 degree below normal a week ago, in contrast to 3.1 degrees above normal two weeks ago and compared with 5.0 degrees below normal for the week ending July 10, 1972.

#### ALBERTA

At Medicine Hat in the southeast of the province over four inches of rain about June 17 improved crop and grass conditions immensely. All early crops are about eight inches high and in head; another rain will be needed to fill the grain. Summerfallow is in good condition and haying is well under way with good yields reported on irrigated land. Cattle are in good condition.

In the Lethbridge district lack of moisture is becoming critical especially for stubble crops. Early spring wheat and barley are in head and rapeseed is forming pods. Some control of the Alfalfa Looper is being undertaken and action against the Bertha Armyworm has also started. Growers are harvesting the green pea crop. Dryland pastures are below average. Our correspondent notes that wide variability in seeding dates and moisture conditions within the district make generalizations about crop conditions difficult this season. At Cardston all grains are in the shotblade with 60 per cent headed. Fall sown crops show deterioration of about 10 per cent due to the drought and spring-sown crops are also suffering. Haying is under way with light yields reported. Pastures are dry. Nearly all the rapeseed is in bloom with a light crop in prospect. Some insect damage is now evident with concern expressed about the effect of insect activity. Some spraying is being done for control. The soil is very dry. In the Claresholm district the daily temperatures have been in the high eighties and rain is badly needed. Crops are going back every day and yields will be affected. Pastures are fair to poor with only half a hay crop being available. So far there have been no reports of grasshoppers or damage to rapeseed fields.

Rain is needed immediately at Brooks. All grain crops are heading and rapeseed and mustard are in bloom. The large valley sprinklers are in operation in most corn fields. A small strip of hail fifteen miles southeast of Brooks resulted in a little crop damage. Reports from Vulcan indicate hot weather during the past week advanced the grain crop rapidly. Some of the spring sown cereals are showing a little deterioration from the lack of moisture. The rapeseed crop has some Alfalfa Loopers in it but there is very little damage to date. However, the prevalence of moths in rapeseed suggest there may be a heavy infestation of Bertha Armyworms this year. Fall rye is starting to ripen. Haying is general and pastures are fair.

At Olds rain since May 1 has totalled 7.7 inches. Growing conditions are excellent although two weeks of warm and dry weather are needed. Crops are six inches high on average and reaching the shotblade stage. Rapeseed is blooming and haying is beginning. At Sedgewick crops are in good shape with adequate moisture supplies at the present time. There are no reports of Bertha Armyworms in rapeseed so far.

In central Alberta at Stettler cereal crop conditions are good to excellent except in low areas which are flooded. Some stubble barley is showing yellow from excessive moisture and dry weather is now needed to improve growing conditions. Field spraying is nearly completed with many crops too advanced for spraying now. Farmers are cutting forage crops with good yields and quality reported. Summer-fallowing will commence when the fields are dry with all summerfallows showing a heavy weed growth.

At Lacombe 0.92 inch of rain delayed spraying, haying and summerfallow operations during the past week. Early cereals are in head and rapeseed is in bloom with warm dry weather needed for crop growth and haying. At Eckville showers last week delayed haying and there was a severe hail storm fifteen miles north causing damage to crops along a strip twenty miles in length and four miles wide; this occurred on July 5. Hot, dry weather is needed for cereal crop development and haying. Summerfallows are in fair condition.

At Colinton very hot weather with evening showers halted haying operations. As a result of heavy rains crops are behind last year in development and approximately 10 per cent of the fields have been drowned out. Rainfall since May 1 has totalled 7.5 inches.

In the Peace River District a very good hay crop is now being cut. Early-seeded barley is heading and the fescue looks good. Rangeland and pastures are very good. All early seeded crops are progressing very well and rapeseed growers in some localities are carrying out control measures for Alfalfa Looper worm infestations.

The Alberta Hail and Crop Insurance Corporation reports the following storms: July 4 - an afternoon storm beginning at Mayerthorpe moved in a southeasterly direction over Sangudo and Cherhill causing severe damage in a strip one mile wide and forty miles long. An evening storm caused light to moderate damage in an area bounded by Rimbey and Sylvan Lake on the west to Lacombe and Pine Lake on the east; July 5 - a storm beginning at 11 a.m. moved in a southeasterly direction from Chinook to west of Acadia Valley resulting in quite severe damage; July 6 - a storm beginning at 3 p.m. immediately east of Lamond moved due east and severely damaged a strip two miles wide and twenty miles long, an evening storm caused moderate to heavy damage in a strip two miles wide from Airdrie to Keoma, Kathryn, Standard and Hussar; July 9 - localized storm accompanied by heavy rain inflicted moderate damage to a small area near Leduc.

The unweighted average precipitation for the province since April 1 has been 17 per cent above normal, compared with 25 per cent above normal a week ago, 19 per cent above normal two weeks ago and 2 per cent above normal a year ago. Mean temperature for the week ending July 9, 1973 was 3.1 degrees F. below normal, compared with 2.6 degrees below normal a week ago, in contrast to 4.5 degrees above normal two weeks ago and compared with 5.1 degrees below normal for the week ending July 10, 1972.

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.	
		July 9, 1973	April 1	April 1	July 9	
					1973	Normal
			inches		degrees F.	
MANITOBA						
1	Boissevain	nil	9.50	7.62	66	67
	Pierson	nil	9.44	7.08	68	67
2	Baldur	.46	9.24	7.51	68	68
	Pilot Mound	1.05	8.27	7.30	66	66
3	Altona	1.21	10.16	6.63	68	69
	Deerwood	1.31	6.34 (2)	7.21	68	70
	Graysville	1.36	7.96	6.84	69	69
	Morden	1.15	7.51	7.30	69	70
	Morris	1.24	8.58	6.84	67	70
	Portage la Prairie	.93	8.93	8.48	68	70
	Roland	1.00	7.41	7.10	67	69
4	Stonewall	.68	8.12	7.53	66	67
5	Emerson	.12	8.83	6.88	64	68
	Steinbach	1.38	6.91	7.11	68	68
	Winnipeg	2.03	10.79	7.17	67	68
	Starbuck	1.75	11.16	7.11	64	68
6	Pinawa	.83	11.97	4.31	66	65
	Great Falls	N.R.	6.06 (2)	5.41	N.R.	68
	Sprague	.82	6.07	7.48	66	65
7	Virden	1.01	7.30	7.07	68	67
8	Brandon	.33	7.25	7.56	66	67
	Cypress River	1.53	11.06	7.33	67	68
9	Gladstone	.10	6.09	7.60	N.R.	67
10	Birtle	.25	6.23	7.27	65	65
	Rosburn	.16	6.88	6.80	64	65
	Russell	.09	6.88	6.15	65	65
11	Dauphin	.23	7.96	7.57	67	68
12	Arborg	.14	8.86	7.22	65	66
	Gimli	.28	10.09	7.20	67	68
13	Swan River	.17	8.57	6.22	64	65
	Pasquia	1.03	8.23	N.R.	62	N.R.
	The Pas	.15	8.01	5.75	63	66
	Thompson	1.55	5.05	6.59	60	59
14	Grass River	N.R.	7.58 (2)	7.62	N.R.	66
MANITOBA AVERAGE		.76	8.36	7.00	66.1	67.1

For footnotes see page IV.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. July 9, 1973	since April 1	since April 1	8 a.m. July 9 1973	Normal
			inches			degrees F.
<u>SASKATCHEWAN</u>						
1A	Carlyle	.10	7.41	6.49	65	66
	Estevan	N.R.	5.69(2)	6.82	69	68
	Oxbow	N.R.	7.12(2)	6.42	65	65
1B	Willmar	.01	5.85	6.99	N.R.	65
	Broadview	.09	8.22	7.43	64	65
	Moosomin	.71	9.36	7.36	64	66
2A	Yellow Grass	1.11	7.31	6.42	69	66
	Weyburn	.19	5.72	6.43	68	65
	Midale	nil	4.92	6.40	74	67
2B	Amulet	.15	8.18	6.77	67	65
	Moose Jaw	.31	7.53	6.19	68	67
	Regina	.24	7.66	6.47	66	65
3AS	Francis	.38	5.65	6.01	65	65
	Indian Head	.58	11.75	6.34	66	65
	Ormiston	.24	7.10	6.82	67	66
3AN	Cardross	.06	6.21(2)	6.67	66	67
	Rock Glen	.04	8.87	6.72	67	64
	Gravelbourg	.37	6.20(2)	5.67	66	66
3BS	Coderre	.47	9.89	6.45	63	66
	Chaplin	.08	7.34	5.55	61	66
	Shaunavon	nil	5.82	5.84	65	65
3BN	Aneroid	.02	5.53	5.54	66	66
	Instow	nil	3.38	6.08	64	66
	Swift Current	nil	4.77	6.38	64	66
4A	Pennant	.24	3.21	6.07	65	67
	Hodgeville	N.R.	4.16(2)	6.24	N.R.	66
	Hughton	.53	3.89(2)	5.19	67	66
4B	Maple Creek	nil	4.82	5.51	68	67
	Consul	nil	3.07	4.56	63	65
	Abbey	N.R.	3.16(2)	5.54	N.R.	65
5A	Leader	.23	6.93	5.19	64	67
	Cupar	.13	9.41	6.23	64	67
	Balcarres	trace	8.62	6.31	N.R.	65
5B	Lipton	.07	11.34	5.64	63	65
	Yorkton	.05	10.24	6.31	64	65
	Bangor	.05	7.53(2)	7.01	63	65
	Wynyard	.19	12.38	6.12	62	64
	Foam Lake	.06	11.49	6.25	62	64
	Kuroki	.53	13.07	6.52	60	64
	Kamsack, Cote	.18	9.26	5.93	62	64

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending	
		Week ending	Total	Normal	8 a.m.	8 a.m.
		8 a.m. July 9, 1973	since April 1	since April 1	July 9 1973	Normal
			inches		degrees F.	
<u>SASKATCHEWAN — Concluded</u>						
6A	Davidson	.28	7.98	6.26	64	65
	Strasbourg	.06	8.77	6.76	66	65
	Watrous	N.R.	10.68(2)	5.78	N.R.	66
	Liberty	.38	6.92(2)	6.26	64	N.R.
6B	Harris	N.R.	7.11(2)	5.31	N.R.	67
	Outlook	.63	7.14	5.10	63	68
	Saskatoon	.25	8.18	4.92	62	67
	Elbow	.30	3.74	6.10	65	66
	Tugaske	.08	7.78	6.54	64	66
	Dundurn	.41	6.39	5.24	64	67
7A	Kindersley	.13	6.31	4.45	63	66
	Rosetown	.30	5.97	5.36	63	66
7B	Macklin	.87	7.41	4.95	61	65
	Denzil	.97	7.12(2)	5.12	61	64
	Scott	.31	4.96	5.30	61	64
	Biggar	.11	5.96	5.34	62	66
8A	Hudson Bay	.55	7.94	6.30	62	64
	Prairie River	2.04	13.72	6.71	60	64
8B	Humboldt	.28	11.48	5.54	62	64
	Melfort	.73	12.39	5.88	63	64
9A	North Battleford	.59	5.76	5.05	62	66
	Victoire	N.R.	10.36(2)	5.68	N.R.	62
	Prince Albert	.20	11.24	5.50	60	65
9B	Meadow Lake	.71	11.80	5.84	62	62
	Waseca	.13	8.36	5.67	59	64
SASKATCHEWAN AVERAGE		.31	7.87	6.00	64.1	65.4

ALBERTA

1	Empress	trace	4.39(2)	5.08	65	67
	Foremost	trace	4.07	5.72	65	67
	Manyberries	nil	3.85	5.43	66	67
	Medicine Hat	.11	6.69	5.36	66	68
2	Brooks	.03	7.13	5.20	64	67
	Gleichen	.01	5.11	6.38	60	64
	Vauxhall	trace	4.67	5.05	64	66
	Raymond	.04	2.99(2)	6.35	62	66
	Lethbridge	trace	4.20	6.83	65	66



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Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. July 9, 1973	since April 1	since April 1	8 a.m. July 9	
			inches		1973	Normal
						degrees F.
<u>ALBERTA — Concluded</u>						
2	Trochu	N.R.	6.83(2)	6.10	N.R.	64
	Queenstown	trace	6.13(2)	6.70	64	65
3	Calgary	.39	6.35	7.53	59	62
	Cardston	.04	4.41	7.95	59	64
	Pincher Creek	.02	4.97	8.60	62	63
	Fort MacLeod	nil	4.58	7.80	62	67
	Claresholm	N.R.	3.72(2)	N.R.	N.R.	N.R.
	High River	.03	5.65(2)	8.43	59	61
	Olds	1.24	8.19	7.80	57	61
4	Alliance	N.R.	9.52(2)	5.38	N.R.	64
	Coronation	.66	10.58	4.99	62	64
	Hughenden	.41	9.96	5.43	60	64
	Lloydminster	.54	7.91	5.30	59	64
	Stettler	1.33	10.57	6.22	59	64
	Vegreville	.29	8.17	5.58	58	64
	Ranfurly	.27	10.01	6.01	59	63
	Vermilion	.65	10.16	5.25	60	62
5	Edmonton	.34	10.43	7.07	59	64
	Lacombe	.92	9.56	7.82	57	63
	Red Deer	1.26	7.99	8.80	57	62
	Rocky Mountain House	.53	7.93	8.49	57	61
	Wetaskiwin	1.18	13.17	7.16	60	63
6	Campsie	.27	10.22	7.00	58	60
	Yellowknife	.30	1.49	2.15	60	60
	Edson	.20	6.17	7.81	55	58
	Elk Point	.42	6.11	6.04	59	62
	Whitecourt	.18	11.21	7.04	56	60
7	Beaverlodge	.12	2.90	5.37	55	60
	Chipewyan	.98	4.10	3.72	59	62
	Ft. Vermilion	N.R.	.71(2)	4.35	N.R.	60
	Grande Prairie	.15	3.82	5.47	57	60
	High Prairie	.31	8.13	6.07	58	60
	Peace River	1.06	7.43	4.41	58	60
	Slave Lake	.50	11.08	5.36	58	61
ALBERTA AVERAGE		.38	7.24	6.20	60.0	63.1

(1) Source: Atmospheric Environment Service.

(2) Incomplete; not included in average.

N.R. No report.