

22-002  
no. 11  
1957  
July 17  
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Historical File Copy

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JUL 18 1957  
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For Release  
July 17, 1957, 3 p.m.

C.R. No. 13, 1957

Price: \$2.00 for series of 23 Crop Reports.

TELEGRAPHIC CROP REPORT — PRAIRIE PROVINCES

This is the ninth of the 1957 series of thirteen 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. An outline map of the Prairie Provinces showing crop districts and location of telegraphic crop reporters will be found at the end of this report.

S U M M A R Y

Crop prospects vary considerably throughout the Prairie Provinces. In general crop conditions are still good in Manitoba but the outlook is definitely less favourable than a week ago in Saskatchewan and Alberta. Although showers have brought relief in some districts, temperatures have been high and more rain is urgently needed over wide areas in these two provinces. Crops on fallow land are standing up reasonably well in most areas but deterioration has already occurred to crops on stubble and on light soils. Harvesting of a generally light hay crop is in progress.

Crops advanced rapidly in Manitoba during the past week due to excellent growing conditions. A large percentage of the wheat is headed and oats and barley are 50 per cent in head. Early flax is in bloom. Moisture supplies are satisfactory over the major portion of the province but it is very dry at Russell, Roblin and Ethelbert. The drought was relieved at Swan River by one inch of rain. Hail and rain storms have damaged thousands of acres of crops in south-central and eastern Manitoba. Sugar beets and peas are satisfactory except in flooded areas. Hot weather has accelerated grasshopper activity and some crop damage is expected. Aphids are reported to be damaging oats and barley in the Selkirk district. Haying is in full swing under trying conditions due to frequent and heavy thundershowers. In general the hay crop is light.

Although local light to heavy showers have eased moisture conditions at many points crops generally have suffered as a result of extremely high temperatures and drying winds. Crops on summerfallow have held up surprisingly well but crops on light soils and stubble have deteriorated. Throughout the province prospects are very variable as a result of an uneven distribution of showers during the growing season to date. Over 50 per cent of the wheat is headed. Unless additional rains are received immediately rapid deterioration of crops may be expected.

Prepared in the Crops Section, Agriculture Division

Crops prospects in Alberta vary extremely from point to point and district to district. Early rains are urgently needed to prevent crop deterioration in all southern regions where warm dry weather has drawn heavily on moisture supplies. Crops on stubble, coarse grains and pastures have suffered damage. Irrigation facilities are being used to full capacity. Prospects in the east-central area are very spotty but showers have helped the situation somewhat in other central and western regions. Rains have relieved the drought around Athabasca, Whitecourt, Falher, Manning and at many points in the Peace River area. Harvesting of a light hay crop is under way, with dry weather assuring good quality. Pea canning is in progress and lifting of early potatoes has begun. The grass seed crop is light and while legumes are short, bloom is plentiful. Showers have improved pastures somewhat in a number of areas.

#### MANITOBA

In southeast Manitoba at Emerson crop loss due to flooding is placed at 65 per cent over the entire area. Some haying is being attempted but conditions are difficult. The Experimental Farm at Morden reports that 3.2 inches of rain on July 11 flattened much of the crop and caused soil washing. Many fields, however, are now showing improvement. Hot, humid weather of the past week has hastened crop growth, and corn particularly, is showing much improvement. Sugar beet and hay crops were badly damaged by flooding. Haying will be delayed. Some slight damage from hail also occurred.

At Pilot Mound crops are looking excellent, with approximately 60 per cent headed. Haying operations are well under way throughout the area. Pastures are still in good shape. Moisture conditions are poor at Melita and heat damage to early crops is showing up extensively. Grasshoppers are also doing damage in local areas. Wheat is all headed and coarse grains 70 per cent in head. Rye is in the light dough stage and about 50 per cent of the flax is in bloom. Haying is 60 per cent completed.

Wheat is headed in the Winnipeg area and is about two feet high. Most coarse grains are in the shot blade but the straw is short. The wheat crop is good but coarse grains only fair. Crops are suffering under high temperatures and from excessive moisture, particularly on heavy soils. Unsettled weather is interfering with haying operations. At Selkirk wheat is heading and early potatoes are in bloom. Market gardens are in good shape. Some damage to coarse grains by aphids is occurring and grasshoppers are active in pastures. In the Portage la Prairie area many barley fields and a few wheat fields are headed and some flax is in bloom. Peas are blossoming. Excellent stands of sugar beets are making rapid progress. The hay crop is good with harvest well under way. No serious insect damage has occurred but some crops have been drowned in low spots. In general crop prospects are quite good in this area.

The Experimental Farm at Brandon also reports that crop prospects are good. Early crops are filling well and late-sown fields are 75 per cent headed. Barley in particular is showing an improvement over a year ago. Local thunderstorms have caused some damage from flooding and lodging. There have been no reports of stem rust but a trace of leaf rust is showing up. Crops are generally good in the Virden area and are well advanced in growth. Localized hail has occurred in the surrounding district. Grasshopper activity has been greatly accelerated since the recent hot weather. Haying is well advanced.

In the Teulon area 30 per cent of the wheat and 10 per cent of the coarse grains are headed. Late-seeded crops, however, are not doing very well. Haying has commenced and an average crop will be garnered. Flies have started to bother livestock considerably



since the warm weather started. At Arborg moisture supplies are adequate and crop growth has been more favourable since warm weather started. Only a few fields have headed to date. Weed spraying is practically completed and haying is in full swing with a fair crop in prospect. Summerfallow has proceeded fairly well considering the late start and pastures are in fair condition.

Crop conditions are excellent in the Neepawa district. The majority of the crop is in head. Moisture supplies are adequate. Pastures are fair and summerfallows are in good shape. Grasshoppers are becoming more numerous. Our Minnedosa correspondent states that most of the district is in head of a rain as crops on stubble are beginning to suffer. About half the crop is headed to date. Spraying for weeds has been completed and haying is under way. The hay crop will be lighter than usual. Pastures are getting dry. Growing conditions were excellent at Shoal Lake during the past week and an above average crop is in prospect. Haying operations are progressing favourably. About 40 to 45 per cent of the cereal crops is headed. Some hail damage has occurred near Strathclair. Moisture reserves are excellent in this district.

Early-sown grains are heading in the Dauphin area. Crops on summerfallow are good but on stubble they are short and uneven due to dry weather. About half the area needs rain badly. The hot, dry weather has been ideal for haying and a quantity of high quality hay has been put up. The yield is down this year. Fall rye is beginning to turn. At Swan River 60 per cent of the wheat and 25 per cent of the barley has headed. About 50 per cent of the oats is in the shot blade stage. Some late-sown grain has been ploughed down due to lack of moisture. Rye is starting to fill and 60 per cent of the hay crop has been gathered.

The Entomological Laboratory at Winnipeg reports that heavy rains and the fungus disease *Empusa* have prevented grasshopper infestations from materializing in the Red River Valley. In the lighter soil zones, however, around Carman, Neepawa, and Carberry, Souris and Pipestone, infestations run from light to very severe. Damage is occurring in alfalfa fields. Control operations are spotty only.

The Canadian Hail Underwriters' Association reports medium damage on July 10 in an area from Treherne to Stephenfield, and in the Homewood, Sperling area. Medium damage also occurred on July 11 at Souris and light damage from Elgin to Boissevain. On the same date medium damage occurred from Baldur to Greenway to Glenora and from Cypress River to Holland to Cardinal.

Average precipitation for the province since April 1 has been 11 per cent above normal as compared with 7 per cent above normal a week ago, 12 per cent above normal two weeks ago and 15 per cent above normal a year ago. Mean temperature for the week ending July 15 was 6.5 degrees above normal as compared with 1.8 degrees above normal a week ago, 1.3 degrees below normal two weeks ago, and 2.1 degrees above normal for the week ending July 16, 1956.

#### SASKATCHEWAN

High temperatures during the past week around Fillmore in southeast Saskatchewan have hastened crop development. The crop is now 50 per cent headed and scattered showers have occurred but a general rain is needed soon to support heavy summerfallow crops. There are many good stands of flax in this area. The Experimental Farm at Indian Head reports that maximum temperatures exceeded 90 degrees on four days during the past week which, associated with hot drying winds, have set stubble crops back quite severely. Evaporation was much above normal. Early summerfallow

wheat is headed and is not suffering abnormally. Early barley and oats are also headed. Haying has advanced rapidly but the crop is light and pastures are drying up. Summer-fallow work is well advanced and the dry weather is aiding in the control of perennial weeds.

In the Big Beaver area of south-central Saskatchewan crops have improved with receipt of one inch of rain on July 14. Swathing of fall rye should commence around July 22 and the crop should average around 20 bushels. Small patches of hail are reported but damage was light. All grains are 100 per cent headed. Stubble crops are rated as poor and summerfallow crops fair to good. The Experimental Farm at Swift Current reports that all crops deteriorated considerably during the hot weather of the past week. Week-end rains will be of considerable value to late-seeded fallow crops but early-seeded stubble crops will still be light to failures. Harvesting of rye will be starting this week and yields are expected to be around 10 bushels.

Our correspondent at Val Marie in the southwest reports no rain has been received during the past week and the weather has been hot. Prospects are still very poor and even the weeds are starting to dry up. Haying is in full swing. Around Leader rapid growth, promoted by hot weather, is quickly depleting the moisture supply. All grains are heading at average height, and very little deterioration has occurred to date. The hay crop is short.

In the Togo district, in the east-central part of the province, dry weather is the prevailing factor affecting crops. Wheat, oats and barley are heading but stools are dying off due to drought. Late barley and oats are suffering and some crop is being ploughed down. Unless rains come soon losses will be serious. Wheat on good land is standing up well. Haying is in full swing but the crop is light. Around Sturgis wheat on summerfallow is in flower and averages two feet high. Coarse grains did not germinate well and as a result fields are very uneven. On Sunday, nine-tenths of an inch of rain fell but it was too late to be of much help to coarse grains.

The Entomological Laboratory at Saskatoon reports that no further insect damage has occurred to field crops during the past week. Showers have been common in the Saskatoon area but general rains are required to maintain prospects. After week-end rains a fair crop is assured in the Rosetown area of west-central Saskatchewan. However, flax and coarse grains may require further moisture to maintain prospects. The Experimental Farm at Scott reports that the abnormally hot weather during the past week, coupled with the continuing drought, has caused crops in many areas of west-central Saskatchewan to deteriorate rapidly. Most crops on sandy land and the majority of stubble crops are beyond recovery. Flax is fair to good but rape is generally poor.

Early-seeded fields are heading in the Melfort-Tisdale district and crops generally are in the shot blade stage. Some two inches of rain were recorded at Melfort during the past week and this has improved crop prospects. Haying is general with yields averaging from one to two tons per acre. The large acreage sown to rapeseed is now in bloom. Around Nipawin recent rains have improved crop prospects considerably. Wheat is starting to head and flax and rape are in flower. Oats and barley crops are looking good. Moisture conditions are fair to good and crop conditions are assessed as 85 per cent of normal. Harvesting of the late hay crop has not yet commenced. Around Meota in northwest Saskatchewan crop conditions are poor. Only two and one-half inches of rain have fallen since April 1 to date. Pastures also are very poor.

The following hailstorms are reported in Saskatchewan: July 10 - Parkman to Alida (medium); July 11 - St. Walburg area (medium); Zealandia area (heavy); Truax -



area (light); Qu'Appelle - Lebreton area (light); Atwater, Zeneta, Stockholm area (medium); Parkman area (heavy); July 12 - Estevan to North Portal (medium); Wauchope to Redvers to Frys (heavy); Maryfield area (medium); July 13 - Archive, Moose Jaw area (light); July 14 - Belle Plaine Pitman area (light). There have been many small storms in scattered localities during the past six days and claims are some 20 per cent more than at the same date last year.

Average precipitation for the province since April 1 has been 28 per cent below normal compared with 29 per cent below normal a week ago, 31 per cent below normal two weeks ago, and 1 per cent below normal a year ago. Mean temperature for the week ending July 15 was 7.0 degrees above normal compared with 0.2 degrees above normal a week ago, 1.3 degrees below normal two weeks ago and 2.1 degrees above normal for the week ending July 16, 1956.

#### ALBERTA

The recent heat wave is drying out crops and range land in the Manyberries district and rain is needed. Early wheat and barley are flowering. Around Medicine Hat wheat is 85 per cent headed, oats 65 per cent and barley 85 per cent in head. Mustard seed and flaxseed crops are in bloom. Safflowers are up 12 to 15 inches. There is increasing evidence of drought damage especially in stubble crops and general rains are required to ensure crop filling. Crops are showing considerable patchiness.

The Experimental Farm at Lethbridge reports general rains are needed in the area south of Calgary and that grain crops on stubble are showing signs of deterioration. The fall rye harvest has started and an average yield of good quality canning peas is being obtained. Irrigation systems are being used to capacity. While general conditions remain good around Claresholm, hot, dry weather has depleted moisture supplies and rain is urgently needed now. Some fields of barley are starting to burn but other grains are still holding fairly well. Winter wheat and fall rye are turning colour.

Un-irrigated crops and pastures are deteriorating in the Brooks district under hot, dry weather conditions. Farther west at Vulcan about 40 per cent of the wheat is headed, with some fields showing signs of drought. A good general rain is urgently needed and crops of barley and durum wheat which were hailed are not recovering as well as expected. A light hay crop is being cut and baled at present.

Crop prospects are very poor in the Hanna district due to lack of moisture and extreme heat during the past week. Seventy-five per cent of the grain crop is headed, with rain needed for filling and to help the feed situation. Light showers have started second growth in late-sown grain. Hay prospects are poor. Around Calgary, hot weather and drying winds during the past week have seriously depleted moisture reserves, and all grains are heading too rapidly as a result of the heat. Heads are short and are expected to yield less than three quarters of normal. A good general rain is needed to halt deterioration. Farther north at Olds crops are still holding fairly well, with cereals coming into head. However, no rain has been received in the past week and with hot, dry weather prevailing, moisture is needed soon.

Our correspondent at Sedgewick reports that crops are heading and prospects good following a half inch of rain. Haying is 50 per cent completed. At Donalda, early-sown grain on summerfallow is holding well but late-sown crops and grains on spring plowing need rain. The hay crop is light and pastures are drying. Wheat is filling fairly well. Conditions are fairly satisfactory in the Stettler district with most of

the wheat crop headed and averaging 17 inches in height. However, subsoil moisture reserves are below normal and hay and pasture crops are beginning to show the effects of dry weather.

The Experimental Farm at Lacombe reports that cereal crops are being forced by high temperatures and lack of rainfall in many areas. About 80 per cent of the barley and 40 per cent of the wheat fields are headed. Haying is nearing completion. Pastures are in poor condition and immediate rain is required to prevent serious deterioration in cereal crops. Farther west at Eckville surface moisture supplies are nearly depleted and subsoil reserves are only fair. Barley is 65 per cent in head and oats 35 per cent. Summerfallows are in fairly good condition but pastures and gardens are only fair. Haying is about 55 per cent completed. Rain would be welcome following the hot, dry weather of the past week.

The weather has been very dry and hot in the Vermilion district and crops are making poor gains. A good rain is needed badly. Crop conditions in the Edmonton district are fair, with recent rains being helpful to later crops. Farther west at Stony Plain moisture is not a serious problem at present but crops are showing ill effects of a dry June. Barley is about 50 per cent headed, oats 30 per cent and wheat 10 per cent.

In the Bonnyville district showers are maintaining moisture supplies which now appear adequate for the filling of the short grain crops. Some patchy stands are being plowed under while others will be cut for green feed as the hay crop is very sparse. Wheat and oat prospects are good in the Colinton area but barley and hay crops are poor. However, good rains have been received during the past two weeks and there should be a good second crop of alfalfa. A large proportion of the cereal crops is headed in this district.

The Experimental Farm at Beaverlodge south of the Peace River reports that extensive rains have further improved crop prospects. Very good crops are anticipated in the Battle River district and recent heavy showers have much improved grain and hay crops in the Wanham, McLennan and High Prairie areas. Our correspondent at Berwyn reports heavy showers in that district. Sixty-five per cent of the barley is headed and 45 per cent of the wheat and 15 per cent of the oats are in head. Sixty-five per cent of the flax crop is in flower and rapeseed is in full bloom. All crops are short and uneven but pastures are much improved. The Experimental Farm at Fort Vermilion in the far north of the province reports cool, cloudy weather, with intermittent drizzle and heavy showers during the past week. Moisture supplies are now excessive in many localities with cultivation of fallow and general field operations being restricted. Some flooding has occurred in low areas. It is estimated that about 65 per cent of the wheat and barley crops are headed, with oats somewhat less advanced. Stands are generally fairly good. The hay crop is ready to harvest as soon as suitable weather occurs. All crops require warmer temperatures and sunshine for continued satisfactory growth.

Hailstorms are reported as follows: July 11, a four mile strip 20 miles long from ten miles south of St. Paul to Heinsburg (severe); July 13, Youngstown, Sedalia, Consort and Hayter areas; July 15, twenty-four sections in Dapp district and a thousand acres at Mallaig (Heavy damage); July 11, Derwent-Muriel area (light).

Average precipitation for the province since April 1 has been 28 per cent below normal as compared with 26 per cent below normal a week ago, 28 per cent below normal two weeks ago and in contrast to 7 per cent above normal a year ago. Mean temperature for the week ending July 15, 1957 was 3.3 degrees above normal in contrast to 1.5 degrees below normal a week ago, 3.0 degrees below normal two weeks ago and 1.8 degrees above normal for the week ending July 16, 1956.



Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

| Province and<br>Crop District | Station             | Precipitation |                    |         | Mean Temperature   |        |
|-------------------------------|---------------------|---------------|--------------------|---------|--------------------|--------|
|                               |                     | Week ending   | Total              | Normal  | Week ending 8 a.m. |        |
|                               |                     | 8 a.m.        | since              | since   | July 15            |        |
|                               |                     | July 15, 1957 | April 1            | April 1 | 1957               | Normal |
|                               |                     | - inches -    |                    |         | - degrees F. -     |        |
| <b>MANITOBA</b>               |                     |               |                    |         |                    |        |
| 1                             | Pierson             | .04           | 7.98               | 6.85    | 74                 | 66     |
|                               | Melita              | .06           | 6.08               | 8.76    | 77                 | 66     |
|                               | Waskada             | N.R.          | 6.86 <sup>2/</sup> | 7.77    | N.R.               | 67     |
|                               | Deloraine           | .05           | 6.68               | 7.33    | 75                 | 67     |
| 2                             | Boissevain          | Trace         | 7.72               | 6.88    | 74                 | 66     |
|                               | Deerwood            | .64           | 9.42               | 7.24    | 72                 | 65     |
|                               | Ninette             | .11           | 6.34               | 7.50    | 73                 | 67     |
|                               | Portage la Prairie  | .92           | 8.96               | 7.18    | 71                 | 65     |
| 3                             | Macdonald           | .88           | 7.81               | 7.18    | 71                 | 65     |
|                               | Graysville          | .33           | 8.29               | 7.86    | 71                 | 66     |
|                               | Morden              | 2.91          | 11.28              | 7.57    | 72                 | 67     |
|                               | Altona              | 4.07          | 12.61              | 7.45    | 71                 | 67     |
|                               | Morris              | .52           | 9.64               | 7.19    | 72                 | 67     |
|                               | Roland              | .18           | 8.06               | 7.15    | 71                 | 67     |
|                               | Gretna              | .54           | 6.88               | 6.74    | 70                 | 67     |
|                               | Emerson             | 4.10          | 15.19              | 6.74    | 71                 | 67     |
| 4                             | Winnipeg            | .23           | 9.08               | 8.05    | 73                 | 67     |
| 6                             | Sprague             | 1.16          | 11.92              | 7.94    | 71                 | 65     |
|                               | Seven Sisters Falls | Trace         | 4.28               | 5.78    | 72                 | 65     |
|                               | Steinbach           | .76           | 10.78              | 7.19    | 71                 | 67     |
| 7                             | Virden              | 1.72          | 6.55               | 6.36    | 74                 | 64     |
|                               | Reston              | .21           | 6.18               | 7.56    | 74                 | 65     |
|                               | Rivers              | .68           | 5.86               | 7.19    | 73                 | 65     |
| 8                             | Brandon             | .40           | 6.03               | 7.22    | 74                 | 65     |
|                               | Cypress River       | 3.65          | 12.47              | 7.09    | 74                 | 66     |
| 9                             | Neepawa             | .30           | 7.59               | 7.12    | 71                 | 65     |
| 10                            | Russell             | .12           | 2.55               | 6.83    | 71                 | 63     |
|                               | Rosburn             | 1.47          | 7.58               | 6.83    | 72                 | 63     |
|                               | Birtle              | 1.65          | 9.09               | 7.05    | 72                 | 63     |
| 11                            | Dauphin             | .08           | 4.61               | 6.04    | 69                 | 64     |
| 12                            | Gimli               | .11           | 7.15               | 7.74    | 72                 | 66     |
| 13                            | Swan River          | 1.04          | 4.83               | 7.09    | 69                 | 63     |
|                               | The Pas             | .57           | 3.76               | 5.35    | 66                 | 65     |
| <b>MANITOBA AVERAGE</b>       |                     | .92           | 7.91               | 7.15    | 72.0               | 65.5   |
| <b>SASKATCHEWAN</b>           |                     |               |                    |         |                    |        |
| 1A                            | Estevan             | .26           | 5.68               | 6.91    | 76                 | 66     |
|                               | Carlyle             | .06           | 4.47               | 7.36    | 73                 | 64     |
|                               | Oxbow               | N.R.          | 4.45 <sup>2/</sup> | 7.05    | N.R.               | 65     |
|                               | Willmar             | .63           | 5.64               | 6.80    | N.R.               | N.R.   |
| 1B                            | Broadview           | .15           | 3.79               | 6.41    | 70                 | 64     |
|                               | Moosomin            | .06           | 4.75               | 6.21    | 73                 | 65     |
| 2A                            | Yellow Grass        | .65           | 4.78               | 6.79    | 72                 | 65     |
|                               | Creelman            | .09           | 5.77               | 6.59    | 73                 | 65     |
|                               | Weyburn             | .60           | 5.30               | 7.11    | 73                 | 65     |
|                               | Midale              | .24           | 5.51               | 7.42    | 74                 | 65     |

Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

| Province and<br>Crop District   | Station       | Precipitation |                    |         | Mean Temperature   |        |
|---------------------------------|---------------|---------------|--------------------|---------|--------------------|--------|
|                                 |               | Week ending   | Total              | Normal  | Week ending 8 a.m. |        |
|                                 |               | 8 a.m.        | since              | since   | July 15            |        |
|                                 |               | July 15, 1957 | April 1            | April 1 | 1957               | Normal |
|                                 |               | - inches -    |                    |         | - degrees F. -     |        |
| <b>SASKATCHEWAN (continued)</b> |               |               |                    |         |                    |        |
| 2B                              | Moose Jaw     | .87           | 5.16               | 6.86    | 73                 | 67     |
|                                 | Regina        | .05           | 3.99               | 6.83    | 74                 | 64     |
|                                 | Rowatt        | .06           | 3.29 <sup>2/</sup> | 6.76    | N.R.               | 64     |
|                                 | Francis       | .14           | 4.28               | 5.83    | 72                 | 64     |
|                                 | Qu'Appelle    | .58           | 2.34               | 8.04    | 72                 | 65     |
|                                 | Indian Head   | .30           | 5.52               | 7.85    | 72                 | 64     |
|                                 | Wilcox        | .06           | 4.18               | 6.81    | 73                 | 64     |
| 3AS                             | Assiniboia    | Trace         | 4.21               | 5.90    | 74                 | 65     |
|                                 | Ormiston      | .18           | 3.77               | 6.13    | 73                 | 65     |
|                                 | Readlyn       | .19           | 4.93               | 5.90    | 76                 | 65     |
|                                 | Minton        | 1.26          | 6.53               | 7.66    | 75                 | 65     |
|                                 | Cardross      | .08           | 3.80               | 6.13    | 74                 | 65     |
|                                 | Ceylon        | .59           | 5.57               | 8.42    | 73                 | 66     |
|                                 | Chaplin       | .87           | 4.50               | 7.17    | 73                 | 65     |
| 3AN                             | Gravelbourg   | .54           | 4.76               | 6.10    | 73                 | 65     |
|                                 | Coderre       | 1.10          | 6.63               | 5.96    | 73                 | 65     |
|                                 | Shaunavon     | .35           | 4.80               | 5.86    | 73                 | 64     |
| 3BS                             | Cadillac      | .23           | 3.94 <sup>2/</sup> | 8.14    | 73                 | 64     |
|                                 | Pambrun       | N.R.          | 4.95 <sup>2/</sup> | 6.60    | N.R.               | 65     |
|                                 | Aneroid       | 1.23          | 4.93               | 6.96    | 73                 | 64     |
|                                 | Instow        | .75           | 4.20 <sup>2/</sup> | 6.02    | 72                 | 65     |
| 3BN                             | Pennant       | .38           | 3.54 <sup>2/</sup> | 7.30    | 72                 | 65     |
|                                 | Swift Current | .50           | 4.67               | 6.87    | 72                 | 66     |
|                                 | Hodgeville    | .12           | 3.49               | 6.46    | 70                 | 65     |
|                                 | Hughton       | 1.08          | 6.43               | 6.24    | 72                 | 64     |
| 4A                              | Maple Creek   | N.R.          | 2.82 <sup>2/</sup> | 6.63    | N.R.               | 64     |
|                                 | Consul        | .34           | 3.78               | 5.65    | 73                 | 62     |
| 4B                              | Roadene       | N.R.          | 3.67               | 6.25    | N.R.               | 64     |
| 5A                              | Cupar         | .05           | 3.61               | 6.09    | 72                 | 62     |
|                                 | Leross        | .39           | 5.80               | 6.93    | 69                 | 63     |
|                                 | Melville      | .56           | 3.86               | 6.51    | 72                 | 62     |
|                                 | Yorkton       | .30           | 3.02               | 6.60    | 72                 | 62     |
|                                 | Bangor        | 1.85          | 4.45               | 6.51    | 71                 | 62     |
|                                 | Dafoe         | .18           | 4.05 <sup>2/</sup> | 6.06    | 69                 | 63     |
| 5B                              | Foam Lake     | 1.00          | 3.53 <sup>2/</sup> | 6.50    | 69                 | 62     |
|                                 | Lintlaw       | 1.27          | 4.70               | 6.62    | 67                 | 62     |
|                                 | Kamsack       | .11           | 3.28               | 5.89    | 71                 | 63     |
|                                 | Buchanan      | 1.25          | 3.33 <sup>2/</sup> | 6.50    | N.R.               | 63     |
|                                 | Pelly         | N.R.          | 3.45 <sup>2/</sup> | 6.62    | N.R.               | 63     |
|                                 | Davidson      | .24           | 5.65               | 5.61    | 70                 | 65     |
| 6A                              | Dilke         | .76           | 4.24               | 6.10    | N.R.               | N.R.   |
|                                 | Imperial      | N.R.          | 3.39 <sup>2/</sup> | 5.71    | N.R.               | 65     |
|                                 | Semans        | .52           | 3.94               | 4.46    | 69                 | 63     |
|                                 | Strasbourg    | 1.02          | 3.58               | 6.41    | 72                 | 63     |
|                                 | Watrous       | .77           | 6.01               | 5.11    | 69                 | 63     |
|                                 | Harris        | .79           | 5.16               | 6.19    | 61                 | 64     |
| 6B                              | Outlook       | .58           | 4.23               | 4.40    | 72                 | 63     |
|                                 | Saskatoon     | .11           | 3.92               | 5.87    | 71                 | 63     |
|                                 | Elbow         | .37           | 4.39               | 5.71    | 70                 | 64     |
|                                 | Tugaske       | .89           | 4.36 <sup>2/</sup> | 5.68    | 71                 | 64     |



Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

| Province and<br>Crop District   | Station          | Precipitation |                    |         | Mean Temperature   |        |
|---------------------------------|------------------|---------------|--------------------|---------|--------------------|--------|
|                                 |                  | Week ending   | Total              | Normal  | Week ending 8 a.m. |        |
|                                 |                  | 8 a.m.        | since              | since   | July 15            |        |
|                                 |                  | July 15, 1957 | April 1            | April 1 | 1957               | Normal |
|                                 |                  | - inches -    |                    |         | - degrees F. -     |        |
| <b>SASKATCHEWAN (concluded)</b> |                  |               |                    |         |                    |        |
| 6B                              | Dundurn          | .27           | 4.14               | 6.88    | 71                 | 64     |
|                                 | Rosthern         | NIL           | 3.38               | 5.99    | 71                 | 64     |
| 7A                              | Kindersley       | .15           | 2.20               | 5.31    | 58                 | 63     |
|                                 | Rosetown         | .71           | 4.75               | 6.37    | 71                 | 62     |
| 7B                              | Macklin          | .12           | 2.75               | 6.44    | 69                 | 60     |
|                                 | Scott            | .34           | 3.38               | 5.73    | 69                 | 62     |
|                                 | Biggar           | .16           | 3.37               | 6.42    | 70                 | 63     |
|                                 | Ruthilda         | N.R.          | .58 <sup>2/</sup>  | 6.37    | N.R.               | N.R.   |
|                                 | Hudson Bay       | .73           | 4.95               | 6.50    | 67                 | 64     |
|                                 | Porcupine Plain  | N.R.          | 3.58 <sup>2/</sup> | 6.39    | N.R.               | 63     |
| 8A                              | Humboldt         | 1.97          | 5.70               | 5.44    | 69                 | 63     |
|                                 | Melfort          | 2.44          | 7.77               | 6.08    | 66                 | 63     |
|                                 | North Battleford | .42           | 4.43               | 6.19    | 70                 | 65     |
|                                 | Rabbit Lake      | .69           | 4.27               | 6.27    | 66                 | 62     |
|                                 | Leask            | N.R.          | 3.75 <sup>2/</sup> | 6.17    | N.R.               | 63     |
|                                 | Prince Albert    | .06           | 5.09               | 6.24    | 68                 | 64     |
|                                 | Island Falls     | .12           | 9.11               | 6.23    | 65                 | 65     |
| 9B                              | Waseca           | Trace         | 2.58               | 6.19    | 67                 | 61     |
| <b>SASKATCHEWAN AVERAGE</b>     |                  | .52           | 4.59               | 6.40    | 70.9               | 63.9   |
| <b>ALBERTA</b>                  |                  |               |                    |         |                    |        |
|                                 | Bindloss         | N.R.          | 6.06 <sup>2/</sup> | 5.52    | N.R.               | 65     |
|                                 | Empress          | .03           | 2.10               | 6.18    | 75                 | 69     |
|                                 | Excel            | NIL           | 2.93 <sup>2/</sup> | 5.24    | 71                 | 63     |
|                                 | Foremost         | .07           | 6.36               | 7.76    | 73                 | 68     |
|                                 | Hanna            | .09           | 3.36               | 7.57    | 70                 | 65     |
|                                 | Manyberries      | Trace         | 4.21               | 5.88    | 74                 | 68     |
|                                 | Medicine Hat     | .14           | 3.19               | 5.75    | 76                 | 68     |
|                                 | Naco             | .02           | 4.09               | 6.58    | 69                 | 64     |
|                                 | Oyen             | N.R.          | 2.86 <sup>2/</sup> | 5.24    | N.R.               | N.R.   |
|                                 | Winnifred        | .04           | 4.31               | 5.17    | N.R.               | N.R.   |
|                                 | Brooks           | .18           | 3.33               | 5.45    | 71                 | 69     |
|                                 | Drumheller       | .23           | 4.64               | 6.95    | 72                 | 68     |
|                                 | Gleichen         | .21           | 6.04               | 6.13    | 67                 | 62     |
|                                 | Hays             | .15           | 2.83               | 5.24    | 73                 | 65     |
|                                 | Hussar           | .95           | 5.92               | 6.24    | N.R.               | N.R.   |
|                                 | Lethbridge       | .04           | 6.46               | 6.70    | 71                 | 65     |
|                                 | Strathmore       | .22           | 3.82               | 6.73    | 66                 | 62     |
|                                 | Taber            | Trace         | 4.62               | 5.60    | 73                 | 66     |
|                                 | Three Hills      | .07           | 5.11               | 6.43    | 67                 | 61     |
|                                 | Trochu           | .07           | 4.08               | 6.86    | 65                 | 60     |
|                                 | Vauxhall         | .04           | 2.73               | 5.32    | 72                 | 67     |
|                                 | Vulcan           | .02           | 5.56               | 6.94    | 67                 | 63     |
|                                 | Calgary          | .11           | 4.95               | 7.56    | 66                 | 62     |
|                                 | Cardston         | NIL           | 5.91               | 9.84    | 67                 | 65     |
|                                 | Cowley           | .32           | 7.79               | 7.38    | 64                 | 61     |
|                                 | Fort MacLeod     | NIL           | 6.39               | 6.47    | 69                 | 66     |
|                                 | High River       | .37           | 6.38               | 7.99    | 64                 | 61     |

Precipitation and Temperature Data, Prairie Provinces<sup>1/</sup>

| Province and<br>Crop District | Station              | Precipitation |                    |         | Mean Temperature   |        |
|-------------------------------|----------------------|---------------|--------------------|---------|--------------------|--------|
|                               |                      | Week ending   | Total              | Normal  | Week ending 8 a.m. |        |
|                               |                      | 8 a.m.        | since              | since   | July 15            |        |
|                               |                      | July 15, 1957 | April 1            | April 1 | 1957               | Normal |
|                               |                      | - inches -    |                    |         | - degrees F. -     |        |
| <u>ALBERTA</u> (concluded)    |                      |               |                    |         |                    |        |
| 3                             | Magrath              | NIL           | 5.10               | 8.71    | 69                 | 63     |
|                               | Olds                 | NIL           | 6.21               | 7.08    | 64                 | 60     |
| 4                             | Alliance             | NIL           | 4.37               | 5.97    | 67                 | 63     |
|                               | Camrose              | NIL           | 4.35               | 6.75    | 65                 | 62     |
|                               | Coronation           | Trace         | 3.31               | 5.57    | 68                 | 63     |
|                               | Hardisty             | NIL           | 3.31 <sup>2/</sup> | 6.39    | N.R.               | N.R.   |
|                               | Hughenden            | NIL           | 2.71               | 6.12    | 68                 | 66     |
|                               | Lloydminster         | .25           | 3.07               | 5.69    | 66                 | 61     |
|                               | Stettler             | .06           | 4.30               | 7.69    | 68                 | 60     |
|                               | Vegreville           | NIL           | 2.30               | 7.74    | 63                 | 60     |
|                               | Vermilion            | .08           | 4.56               | 7.26    | 66                 | 61     |
|                               | Edmonton             | .07           | 2.69               | 7.21    | 66                 | 62     |
|                               | Lacombe              | .08           | 4.97               | 7.53    | 66                 | 60     |
| 5                             | Red Deer             | Trace         | 6.88               | 8.77    | 65                 | 59     |
|                               | Rocky Mountain House | .09           | 4.41               | 7.79    | 62                 | 60     |
|                               | Wetaskiwin           | Trace         | 4.63               | 6.98    | 65                 | 61     |
|                               | Athabasca            | .64           | 6.08               | 6.37    | 62                 | 61     |
| 6                             | Campsie              | .53           | 3.34               | 7.19    | 61                 | 60     |
|                               | Edson                | .68           | 5.93               | 6.80    | 59                 | 58     |
|                               | Elk Point            | .10           | 3.68               | 6.25    | 62                 | 61     |
|                               | Embarras             | .53           | 2.33               | 3.83    | 64                 | 66     |
|                               | Lac la Biche         | .92           | 4.51               | 6.44    | 63                 | 61     |
|                               | Whitecourt           | 1.23          | 6.12               | 7.21    | 59                 | 60     |
|                               | Beaverlodge          | .73           | 5.94               | 5.24    | 57                 | 60     |
|                               | Berwyn               | .46           | 2.92 <sup>2/</sup> | 5.87    | 57                 | 60     |
| 7                             | Fairview             | .41           | 4.30               | 4.64    | 60                 | 60     |
|                               | Grande Prairie       | .57           | 5.30               | 6.25    | 58                 | 60     |
|                               | High Prairie         | 1.34          | 5.49               | 6.33    | 59                 | 61     |
|                               | Keg River            | 1.18          | 6.27               | 5.93    | N.R.               | 61     |
|                               | Rycroft              | .56           | 3.53               | 4.53    | 64                 | 61     |
|                               | Wagner               | 1.44          | 7.21               | 6.49    | 58                 | 61     |
|                               | ALBERTA AVERAGE      |               | .27                | 4.68    | 6.51               | 66.0   |

N.R. - No report.

<sup>1/</sup> - Source: Meteorological Service of Canada.

<sup>2/</sup> - Incomplete: not included in average.



OUTLINE MAP OF THE PRAIRIE PROVINCES  
SHOWING  
CROP DISTRICT BOUNDARIES

