

CL 134  
22-002  
no. 11  
1962  
July 11  
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JUL 19 1962

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Price: \$4.00 for series of 23 Crop Reports

Crop Reporting Series - No. 14

### TELEGRAPHIC CROP REPORT - PRAIRIE PROVINCES

This is the ninth of the 1962 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.

### S U M M A R Y

Crop conditions have been well maintained throughout Manitoba and most of the park belt areas of Saskatchewan and Alberta. However, insufficient rainfall and lack of moisture reserves have led to marked deterioration over the plains area of Saskatchewan and Alberta. Good yields of hay are being obtained or are in prospect for Manitoba and for those areas of Saskatchewan and Alberta where moisture supplies have been adequate. Pasture conditions are declining rapidly in the drier areas. Rains are now urgently needed over the plains area of Saskatchewan and Alberta to halt deterioration and carry stands to maturity.

Manitoba Heavy rains in practically all areas of Manitoba benefited crop development, but delayed haying operations. Heavy downpours caused soil erosion and flooding in some local areas and some hail damage occurred. Chemical weed control and summerfallow operations were hampered by the rains. Wheat is reaching the heading stage in western Manitoba, but many crops are still under six inches high in eastern areas. Rye is in good condition, and late-seeded flax germinated well. Hay yields are above average except in the northwest. Special and canning crop prospects are promising, and harvesting of canning peas is underway. Potatoes are making good progress, but are late in the Winnipeg area. In general, the crop outlook in Manitoba is good to excellent.

Saskatchewan Insufficient rainfall and limited moisture reserves have resulted in a sharp decline in crop prospects in many areas of south-central, south-western, central and west-central districts of Saskatchewan. In the eastern half of the province and in the northern districts rainfall has been more frequent and timely and as a result the general crop appearance is still good, but further rains are required to maintain the heavy growth. Crops in Saskatchewan started off well this spring but precipitation since April 1 has been below normal in many areas and present crop conditions reflect the rainfall pattern except in the north-east and parts of northern districts where rainfall was more timely and cooler temperatures prevented deterioration. Wheat averages 16 inches and coarse grains 14 inches in height compared with 13 and 11 a year ago. Haying operations are in full swing.

Prepared in Crops Section, Agriculture Division

5502-508.14

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa, 1962

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Alberta The moisture situation in southeastern Alberta is critical and crops are browning, particularly on stubbled-in fields. Crops on fallow are withstanding the drought somewhat better. In general, the dry area extends as far west as the foothills and north towards Olds, Stettler, Coronation and Wainwright. Elsewhere in the province, the situation is good although some light soils in central regions are dry, while excessive moisture north and east of Edmonton is causing yellowing and even drowning of crops in low spots. Wheat averages 11 inches, oats 14 and barley 12 inches in height in the southeast, but is from 3 to 6 inches higher in central and northern areas. About 50 per cent of the wheat, 30 per cent of the oats and 40 per cent of the barley have been sprayed for weeds. Some 30 per cent of the wheat, 20 per cent of the oats and 10 per cent of the barley crops are headed. Pastures are poor in southern areas. Specialty crops including sugar beets and corn are good, with peas better than last year. Rapeseed and flax fields in central and northern areas are doing well. Progress of haying has been hampered in northern regions because of rain, but good yields are anticipated. Summerfallows are mostly in good condition except in dry areas where farmers are awaiting moisture to reduce the danger of wind erosion, and in wet areas where fields will not hold equipment.

#### MANITOBA

Weed and grasshopper spraying and haying are in full swing in the Vita district in southeastern Manitoba. A two inch rainfall on Friday and Saturday temporarily delayed all operations. Some wheat is now in the shot blade stage. General growing conditions are good in the Morden area following the recent rainfall of 0.96 inches. Haying is general and yields are excellent, but there have been some interruptions due to rain. Special and canning crops look good, and harvesting of canning peas has started. Fall rye stands are excellent. Field shelter belts are in good condition. Timely rains and favourable temperatures are producing ideal growing conditions at Altona, although Gretna and Halbstadt are suffering from excessive moisture. Spraying for grasshoppers and weeds is in full swing while the haying is nearly completed. Early-seeded wheat is heading and although crops generally are late, growth is rapid. Some aphid outbreaks are noted in peas.

General rains throughout the Pilot Mound area have curtailed haying operations. Early-seeded crops are headed and prospects now look good for bumper yields. Pastures generally are good, although grasshoppers are a problem in many local areas. At Melita precipitation ranging from one and one-half to three inches has maintained the generally good crop condition, but haying operations have been delayed. Rye crops range from early to late dough stages, while early-seeded wheat is headed. Crops are shallow rooted and moisture will be needed through to maturity as hot, dry weather could burn crops rapidly.

Persistent heavy rain last week and over the weekend has left fields very wet in the Stonewall district and has halted haying operations. Many fields are flooded and some farmers report an expected loss of up to 10 per cent. Some quality losses are expected in the hay crop due to weathering. With dry weather, haying should be resumed again today. Grasshopper outbreaks are widespread, many of which were unexpected, and control spraying is general. The odd field of wheat is heading, but the majority of the crop is less than six inches high.



Numerous rains during the past week have slowed haying operations in the Neepawa district. Cereal crops are doing very well and those fields damaged by hail appear to be recovering. Grasshoppers are very numerous and causing some damage. The condition of summerfallow is about average. Rainfall ranging from 0.8 to 1.6 inches in the Shoal Lake district during the past week has maintained prospects for an above average crop. Wheat and barley are heading, but haying operations have been delayed by rain. Grasshoppers are damaging some late-sown crops, and control spraying is continuing. Spraying for weeds has been completed. The moisture situation is good at present. The Russell area received 0.91 inches of rain over the weekend and this has brightened the outlook for crops which are now starting to head. The hay crop will be a little better than half of normal. Grasshoppers have now moved off headlands into fields.

The Research Station of the Canada Department of Agriculture at Winnipeg reports that the six spotted leaf hopper migrated into Manitoba on May 17 about a week later than normal, and in markedly reduced numbers compared to recent years. No further increase in numbers was noted until June 27 when a substantial influx occurred concurrent with strong south winds on June 26 and June 27. The population still remains much below that of recent years and no plants showing symptoms of aster yellows have been noted in the fields.

The Canadian Hail Underwriters Association reports a hail storm which resulted in medium to heavy damage in the Neepawa area on July 4.

The average unweighted precipitation since April 1 has been 32 per cent above normal compared with 20 per cent above normal a week ago, 30 per cent above normal two weeks ago and in contrast to 54 per cent below normal a year ago. Mean temperature for the week ending July 9 was 1.7 degrees below normal in contrast to 4.6 degrees above normal a week ago, normal two weeks ago and 4.2 degrees above normal for the week ending July 10, 1961.

#### SASKATCHEWAN

Most crops are heading on a good length of straw and prospects generally are favourable in the Yellow Grass area in the southeast part of Saskatchewan. Damage from all sources has been light to date. One-third of an inch of rain fell last night, but more moisture could be used to maintain the heavy stands on lighter soils. Stubble crops are equally as good as those sown on summerfallow. Hay yields are good. All crops are badly in need of rain in the Fillmore district. The recent hot weather caused burning of leaves of wheat and oats. Early-seeded crops are now headed. Tame hay yields range from one to two tons per acre. Grasshopper damage is increasing with the drier weather and considerable spraying is being done. Gardens are doing well.

The Experimental Farm at Indian Head reports that the lack of appreciable rainfall during the past week has resulted in some deterioration in grain crops. Lower stools on the heavy stands of wheat are drying up and the base of stalks is turning brown. Crops are heading and some early fields on lighter land are fully headed. Large cracks are appearing in the soil especially in hay and pasture fields. Grasshoppers appear to be under control and while still a threat, it is not considered to be serious. Large areas on some fields are turning yellow from drought and more rain is urgently needed in this area.



Some eight inches of rain have been received to date in the Big Beaver district in the southern part of the province. Fall rye is ripening and swathing should begin in ten days time. Other crops are still doing very well. Haying is well underway and summerfallows were worked last week during the dry weather. More rain will be required to mature the crop adequately. The Experimental Farm at Swift Current in the southwest part of the province reports that crops generally are showing deterioration due to the absence of sustaining showers. Crops are heading, but where stands are thick, some browning has occurred while in thin stands deterioration is not as noticeable. Uncut hay stands are ripening very rapidly and yields are low. Pastures are drying up but livestock are still in good condition.

Crops are suffering from lack of moisture at Val Marie and stands are patchy. The cool weather is retarding deterioration, but a good rain is urgently needed. Eighty per cent of all crops are headed. Grass and forage crops are good. No appreciable rainfall was received at Eastend during the past week and the hot, dry weather has caused burning of field crops, which are now 65 per cent headed. Haying has commenced and a hay shortage in local areas is anticipated. Grasshoppers are beginning to move into fields and are causing some degree of damage. The recent hot weather has seriously burned large areas of the heavy crop in the Leader district. Moisture reserves are low and good rains are urgently required to prevent further deterioration.

Crops have deteriorated in the Rosetown district in the west-central part of the province and present prospects are for less than normal yields. Heading is general on medium to short straw. Dry weather also prevails at Scott and crops are deteriorating rapidly. Summerfallow crops are beginning to burn in spots. A narrow band of hail starting five miles north of Scott caused 25 to 90 per cent damage in its path. Rain is needed immediately to prevent widespread crop losses.

In the northwest part of the province at Neota some 80 per cent of the wheat is headed and summerfallow crops look good, but stubble crops are only fair. The district could use a good rain soon. The weather has been cool and windy at Paradise Hill. Some 40 per cent of the wheat is headed and rains are needed to maintain the present rate of development. Pastures are good and no damage to crops is reported to date.

In the Saskatoon district crops have deteriorated markedly during the past week. Most stubble wheat crops are poor while summerfallow stands are very variable. Recent rains were scattered and only a few areas received sufficient moisture. About 50 per cent of the wheat is headed out.

The Experimental Farm at Melfort in the northeast part of the province reports that precipitation over the weekend ranging from 0.5 to 1.3 inches brought temporary relief to crops in that area. Early-seeded crops are heading, but will require more rain for proper filling. High winds on several days during the past two weeks caused serious soil erosion on many summerfallow fields. Haying is in the final stages, with yields ranging from 0.5 to 1.25 tons per acre reported. Some early fields of sweet clover and early-seeded polish rape are now in full bloom.



Good rains have halted crop deterioration in the Togo district in the east-central part of the province although early fields were too far advanced to receive much help. Fields are now saturated and weed growth on summerfallows is rapid. Haying operations are at a standstill. The grasshopper population is increasing. The overall crop picture is much improved. At Sturgis early-seeded wheat is heading and 90 per cent of the crop is in the shot blade stage. Moisture reserves are fair. Coarse grains look good to date. Grasshoppers are doing some damage. Some 0.32 inches of rain were received during the past week in the Melville district, but strong winds and scattered hail have done some damage. Crops were beginning to burn before the rain. Crops are heading and will need more moisture to ensure proper filling.

The Canadian Hail Underwriters Association reports the following storms: July 4 - Kennedy area, light; July 6 - Hubbard area, Wroxton area, Simpson area, medium; Burstall area heavy. The Saskatchewan Municipal Hail Insurance Association reports hail storms at the following principal points since the last report: July 2 - Fairlight; July 4 - Kipling, Rocanville; July 5 - Roche Percée, Northgate; July 6 - Broderick, Allan, Simpson, Semans, Gregherd, Ituna, Fenwood, McKim, Saltcoats, Churchbridge, Burstall, Fox Valley; July 7 - Goodwater, Radville.

Average unweighted precipitation since April 1 has been 13 per cent below normal compared with 9 per cent below normal a week ago, 8 per cent below normal two weeks ago, and 40 per cent below normal a year ago. Mean temperature for the week ending July 9 was 4.8 degrees below normal, in contrast to 3.8 degrees above normal a week ago, 1.4 degrees below normal two weeks ago and 6.8 above normal for the week ending July 10, 1961.

#### ALBERTA

Crops are heading, but burning in the Manyberries area in the southeast. Moisture reserves are poor and additional rains are required to fill crops. Some parts of the district have received little moisture since spring, and ranges are beginning to cure. Livestock are still in fairly good condition. With hot dry weather, crop deterioration continues in the Medicine Hat area where rye and early crops are headed. Prospective yields are very low, with late crops severely damaged by drought. Pastures are poor and cattle in only fair condition. Winter hay prospects are poor.

Scattered showers occurred during the past week in the extreme south of Alberta, with half an inch at Lethbridge. An early harvest and poor yields are in prospect in the eastern part of the area. Prospects are fairly good in the southwest for cereals and flax, but rain would be welcome in many district. Crops generally are late in the Lethbridge district but good hay crops are now being harvested. The canning pea harvest has started, with yield and quality good. Potatoes also promise a good yield. All crops are in good condition in the Cardston area. Haying is progressing favourably and livestock are in good condition. A good rain now would make a heavy crop. The Claresholm area has had no rain during the past week. All grain crops are in the shot blade, with some fields heading. Prospects are good but rain is urgently needed to maintain growth. Odd scattered showers have fallen in the Brooks area where many dry land crops and prairie ranges are parched. Most irrigated crops are good, with wheat, barley and oats in head or shot blade.



Flax and potato prospects are promising, and peas for seed are in bloom. The first cut of alfalfa was good. Some hail damage occurred in the Millicent area. Between one-quarter and one and one-quarter inches of rain fell over the Vulcan district during the past week but was too late to cause much recovery on hay and pasture lands. All grains are headed out short, with small heads. Flax will likely be the best crop in this area.

Crop conditions are generally very poor in the Hanna district, east of Calgary. While light showers have helped pastures somewhat, grain crops are past the recovery stage. Rain soon might bring the late crops on to make feed. The grasshopper infestation is heavy. Crops in the Calgary area are making good progress and range up to 24 inches in height with an average of about 14 inches. However, the heavy stands need plenty of moisture, and while shower activity has given fair coverage of the district, a good general rain would be welcome. Farther north at Olds, weekend rain has kept moisture in good supply. Wheat and barley are heading well. Haying is making good progress and heavy yields are reported in all sections. Pastures are also in good condition.

Crops are good in the Sedgewick area of central Alberta but rain is needed soon. Wheat is heading on a heavy stand and oats and barley crop prospects are good. Haying is underway with good yields reported. Crop conditions are also good in the Stettler area. Wheat is up 24 inches and in head. Barley and oats are coming into head on good stands. Haying is underway with normal yields reported. Rainfall since May 1 has totalled 7 inches.

Crops are in excellent condition in the Red Deer area, but growth has been retarded due to the cool unsettled weather. Early-sown grain is in the shot blade and in the early heading stages. Progress of haying is slow. Haying operations are general in the Lacombe district, but cool showery weather is slowing operations while not giving appreciable amounts of moisture. Cereal crop prospects remain good. The few rape fields in the district are in full bloom, with very good yields in prospect. Cool, showery weather is also delaying haying operations in the Eckville area. Wheat and barley are now heading, with oats just beginning to head. Moisture conditions are ideal and crop prospects are good. Summerfallows are in fair condition. Warm, dry weather is now needed.

Crops are progressing favourably in the Vermilion area east of Edmonton, with 5 per cent in the shot blade and 5 per cent headed. The hay crop is excellent but more moisture will be required to sustain crop conditions. Cool weather has delayed crop growth around Edmonton. Moisture conditions remain good but warm weather is needed to assure an early crop.

The Experimental Farm at Beaverlodge in the Peace River district reports crops are lacking moisture in several localities that have not been receiving showers. Moisture is just adequate elsewhere. Haying is general, with yields slightly to considerably below normal. Wheat is heading and rapeseed in full flower. Light frost has occurred in isolated areas. The weather has been showery at Fort Vermilion in the far north of the province. Crop stands are generally good, but growth is slow on heavier soils. Barley is headed with wheat and oats just starting to head. The hay stand is excellent. Alfalfa and flax began to bloom during the week. The temperature dropped to 38 degrees on July 5 and warm sunny weather is now required to dry fields and facilitate haying and fallow operations.



The grasshopper population is very high throughout the area east and north-east of Calgary but controls have restricted damage in crops. However, hot weather could force migration from rangeland and hence cause serious losses.

The Alberta Hail Insurance Board reports a major storm on July 6 from Millicent through Buffalo and southeast into Saskatchewan. Damage was heavy but much of the land in the path of the storm was not in crop. Scattered reports were received on July 9 of storms at Balzac and Tilley.

Average unweighted precipitation for the province since April 1 has been one per cent below normal compared with one per cent above normal a week ago, 4 per cent above normal two weeks ago and 16 per cent below normal a year ago. Mean temperature for the week ending July 9, 1962 was 6.5 degrees below normal in contrast to 1.6 degrees above normal a week ago, 2.3 degrees above normal two weeks ago and 3.8 degrees above normal for the week ending July 10, 1961.



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Precipitation and Temperature Data, Prairie Provinces 1/

| Province and<br>Crop District | Station             | Precipitation                         |                           |                            | Mean Temperature                     |        |
|-------------------------------|---------------------|---------------------------------------|---------------------------|----------------------------|--------------------------------------|--------|
|                               |                     | Week ending<br>8 a.m.<br>July 9, 1962 | Total<br>since<br>April 1 | Normal<br>since<br>April 1 | Week ending 8 a.m.<br>July 9<br>1962 | Normal |
|                               |                     | - inches -                            |                           |                            | - degrees F. -                       |        |
| <u>MANITOBA</u>               |                     |                                       |                           |                            |                                      |        |
| 1                             | Boissevain          | 1.29                                  | 13.07                     | 7.20                       | 65                                   | 66     |
|                               | Pierson             | 1.31                                  | 9.50                      | 7.16                       | 64                                   | 67     |
|                               | Waskada             | 1.14                                  | 12.91 <u>2/</u>           | 7.42                       | 62                                   | 67     |
| 2                             | Ninette             | 1.14                                  | 10.47                     | 7.78                       | 64                                   | 67     |
|                               | Pilot Mound         | 2.27                                  | 10.01                     | 7.28                       | 64                                   | 67     |
| 3                             | Altona              | 1.35                                  | 8.44                      | 6.85                       | 68                                   | 69     |
|                               | Deerwood            | 1.80                                  | 11.22                     | 7.22                       | 66                                   | 67     |
|                               | Graysville          | 1.86                                  | 10.62                     | 7.00                       | 68                                   | 67     |
|                               | Gretna              | 2.79                                  | 10.97                     | 6.85                       | 69                                   | 70     |
|                               | Morden              | .93                                   | 11.46                     | 7.48                       | 68                                   | 69     |
|                               | Morris              | .55                                   | 7.55                      | 6.46                       | 68                                   | 69     |
|                               | Portage la Prairie  | 2.09                                  | 10.66                     | 7.30                       | 67                                   | 69     |
|                               | Roland              | 1.07                                  | 9.76 <u>2/</u>            | 7.00                       | 66                                   | 68     |
| 4                             | Stonewall           | 3.09                                  | 10.57                     | 7.01                       | 68                                   | 68     |
| 5                             | Emerson             | 2.39                                  | 10.60                     | 6.89                       | 69                                   | 69     |
|                               | St. Genevieve       | n.r.                                  | 6.8' <u>2/</u>            | 6.62                       | n.r.                                 | 68     |
|                               | Steinbach           | .95                                   | 8.30                      | 7.08                       | 68                                   | 68     |
|                               | Winnipeg            | 2.87                                  | 10.86                     | 6.62                       | 68                                   | 68     |
| 6                             | Seven Sisters Falls | 4.08                                  | 11.67                     | 6.20                       | 68                                   | 66     |
|                               | Sprague             | 1.20                                  | 12.17                     | 7.50                       | 67                                   | 65     |
| 7                             | Reston              | n.r.                                  | 10.07 <u>2/</u>           | 7.19                       | n.r.                                 | 68     |
|                               | Rivers              | 2.87                                  | 9.53                      | 7.93                       | 63                                   | 67     |
|                               | Virden              | .75                                   | 7.28                      | 6.80                       | 63                                   | 68     |
| 8                             | Brandon             | 2.13                                  | 10.14                     | 7.64                       | 65                                   | 67     |
|                               | Cypress River       | 1.61                                  | 9.36                      | 7.06                       | 67                                   | 68     |
| 9                             | Kelwood             | 1.61                                  | 10.01                     | 7.26                       | 64                                   | 67     |
|                               | Minnedosa           | n.r.                                  | 5.64 <u>2/</u>            | 6.92                       | n.r.                                 | 67     |
|                               | Neepawa             | 1.63                                  | 8.93                      | 6.97                       | 64                                   | 67     |
| 10                            | Birtle              | 1.99                                  | 7.08                      | 6.70                       | 62                                   | 64     |
|                               | Rosburn             | 2.18                                  | 10.22                     | 6.43                       | 62                                   | 64     |
|                               | Russell             | .91                                   | 5.00                      | 6.42                       | 60                                   | 65     |
| 11                            | Dauphin             | .32                                   | 6.65                      | 6.69                       | 63                                   | 68     |
|                               | Gilbert Plains      | .87                                   | 5.62                      | 6.69                       | 63                                   | 67     |
| 12                            | Arborg              | .97                                   | 5.91                      | 6.65                       | 66                                   | 67     |
|                               | Gimli               | 2.28                                  | 9.24                      | 7.10                       | 66                                   | 67     |
| 13                            | Swan River          | .14                                   | 7.35                      | 6.00                       | 64                                   | 64     |
|                               | The Pas             | .09                                   | 3.82                      | 5.24                       | 64                                   | 65     |
| 14                            | Grass River         | 1.51                                  | 8.80                      | 7.26                       | 65                                   | 67     |
| MANITOBA AVERAGE              |                     | 1.60                                  | 9.18                      | 6.94                       | 65.4                                 | 67.1   |
| <u>SASKATCHEWAN</u>           |                     |                                       |                           |                            |                                      |        |
| 1A                            | Estevan             | .68                                   | 8.64                      | 7.11                       | 65                                   | 68     |
|                               | Oxbow               | .57                                   | 7.86                      | 7.13                       | 64                                   | 67     |
|                               | Willmar             | .91                                   | 9.63                      | 6.66                       | n.r.                                 | n.r.   |
| 1B                            | Broadview           | .21                                   | 5.74                      | 7.08                       | 62                                   | 64     |
|                               | Moosomin            | 2.16                                  | 9.74                      | 7.29                       | 63                                   | 67     |



Precipitation and Temperature Data, Prairie Provinces 1/

| Province and<br>Pop District | Station       | Precipitation                         |                           |                            | Mean Temperature                     |        |
|------------------------------|---------------|---------------------------------------|---------------------------|----------------------------|--------------------------------------|--------|
|                              |               | Week ending<br>8 a.m.<br>July 9, 1962 | Total<br>since<br>April 1 | Normal<br>since<br>April 1 | Week ending 8 a.m.<br>July 9<br>1962 | Normal |
|                              |               | - inches -                            |                           |                            | - degrees F. -                       |        |
| SKATCHEWAN (continued)       |               |                                       |                           |                            |                                      |        |
| 2A                           | Yellow Grass  | .13                                   | 7.16                      | 6.41                       | 62                                   | 67     |
|                              | Creelman      | .19                                   | 5.27                      | 6.39                       | 64                                   | 66     |
|                              | Weyburn       | .13                                   | 6.88                      | 6.46                       | 63                                   | 67     |
|                              | Midale        | .76                                   | 7.69                      | 6.24                       | 64                                   | 67     |
|                              | Claybank      | n.r.                                  | 6.70 <u>2/</u>            | 6.59                       | n.r.                                 | 67     |
| 2B                           | Moose Jaw     | trace                                 | 7.03                      | 6.04                       | 62                                   | 68     |
|                              | Regina        | .19                                   | 6.85                      | 6.26                       | 62                                   | 67     |
|                              | Francis       | .38                                   | 4.79                      | 5.74                       | 62                                   | 65     |
|                              | Qu'Appelle    | .01                                   | 5.82                      | 6.89                       | n.r.                                 | 65     |
|                              | Indian Head   | .02                                   | 5.77                      | 6.32                       | 62                                   | 65     |
| 3AS                          | Assiniboia    | .13                                   | 6.80                      | 6.36                       | 62                                   | 67     |
|                              | Ormiston      | .43                                   | 5.98                      | 6.49                       | 64                                   | 67     |
|                              | Minton        | n.r.                                  | 7.98 <u>2/</u>            | 6.99                       | n.r.                                 | 66     |
|                              | Cardross      | n.r.                                  | 5.16 <u>2/</u>            | 6.54                       | n.r.                                 | 67     |
|                              | Ceylon        | .24                                   | 6.13                      | 7.13                       | 60                                   | 67     |
| 4AN                          | Chaplin       | .03                                   | 3.54                      | 5.49                       | 61                                   | 66     |
|                              | Gravelbourg   | .25                                   | 5.32                      | 6.02                       | 61                                   | 67     |
|                              | Coderre       | .10                                   | 4.63                      | 5.99                       | 63                                   | 67     |
|                              | Shaunavon     | trace                                 | 5.00                      | 5.81                       | 59                                   | 67     |
|                              | Cadillac      | n.r.                                  | 3.90 <u>2/</u>            | 6.21                       | n.r.                                 | 68     |
| 5BS                          | Pambrun       | nil                                   | 3.08                      | 6.21                       | 61                                   | 67     |
|                              | Aneroid       | .21                                   | 6.11                      | 5.88                       | 61                                   | 66     |
|                              | Val Marie     | .10                                   | 4.53                      | 5.02                       | 63                                   | 65     |
|                              | Instow        | n.r.                                  | 4.38 <u>2/</u>            | 5.83                       | n.r.                                 | 66     |
|                              | Pennant       | .22                                   | 5.38                      | 5.75                       | 62                                   | 67     |
| 6BN                          | Swift Current | trace                                 | 4.44                      | 6.06                       | 60                                   | 66     |
|                              | Hodgeville    | nil                                   | 3.89                      | 6.09                       | 60                                   | 66     |
|                              | Hughton       | .35                                   | 6.11                      | 5.02                       | 60                                   | 67     |
|                              | Consul        | .06                                   | 3.78                      | 5.07                       | 58                                   | 64     |
|                              | Abbey         | .34                                   | 5.11                      | 4.97                       | 61                                   | 66     |
| 7A                           | Cupar         | .06                                   | 7.26                      | 5.77                       | 62                                   | 65     |
|                              | Kelliher      | .25                                   | 6.51                      | 5.85                       | 62                                   | 61     |
|                              | Melville      | .03                                   | 4.35                      | 6.09                       | 61                                   | 64     |
|                              | Yorkton       | .21                                   | 4.96                      | 6.12                       | 62                                   | 65     |
|                              | Bangor        | .43                                   | 4.35                      | 6.31                       | 62                                   | 65     |
| 8B                           | Dafoe         | .22                                   | 3.52                      | 6.06                       | 60                                   | 65     |
|                              | Foam Lake     | .31                                   | 3.17                      | 6.58                       | 61                                   | 64     |
|                              | Kuroki        | .52                                   | 3.68                      | 6.51                       | 59                                   | 63     |
|                              | Lintlaw       | .29                                   | 3.15                      | 6.44                       | 60                                   | 62     |
|                              | Kamsack       | .84                                   | 4.90                      | 5.87                       | 62                                   | 64     |
| 9A                           | Arran         | .36                                   | 5.51                      | 5.93                       | 61                                   | 63     |
|                              | Davidson      | .16                                   | 3.12                      | 5.82                       | 59                                   | 65     |
|                              | Imperial      | n.r.                                  | 5.79 <u>2/</u>            | 5.74                       | n.r.                                 | 65     |
|                              | Semans        | 1.50                                  | 7.23                      | 5.09                       | 59                                   | 65     |
|                              | Strasbourg    | .02                                   | 6.29                      | 5.90                       | 60                                   | 64     |
|                              | Watrous       | .37                                   | 7.04                      | 5.44                       | 59                                   | 65     |



Precipitation and Temperature Data, Prairie Provinces 1/

| Province and<br>Crop District   | Station              | Precipitation                         |                           |                            | Mean Temperature                     |        |      |
|---------------------------------|----------------------|---------------------------------------|---------------------------|----------------------------|--------------------------------------|--------|------|
|                                 |                      | Week ending<br>8 a.m.<br>July 9, 1962 | Total<br>since<br>April 1 | Normal<br>since<br>April 1 | Week ending 8 a.m.<br>July 9<br>1962 | Normal |      |
|                                 |                      | - inches -                            |                           |                            | - degrees F. -                       |        |      |
| <u>SASKATCHEWAN</u> (concluded) |                      |                                       |                           |                            |                                      |        |      |
| 6B                              | Harris               | nil                                   | 4.05 <u>2/</u>            | 5.32                       | 61                                   | 65     |      |
|                                 | Outlook              | nil                                   | 4.13                      | 5.05                       | 61                                   | 67     |      |
|                                 | Saskatoon            | .05                                   | 4.93                      | 5.80                       | 60                                   | 66     |      |
|                                 | Elbow                | nil                                   | 4.20                      | 5.32                       | 62                                   | 66     |      |
|                                 | Tugaske              | nil                                   | 5.44                      | 5.78                       | 60                                   | 65     |      |
| 7A                              | Dundurn              | .41                                   | 3.28                      | 5.45                       | 59                                   | 66     |      |
|                                 | Alsask               | .04                                   | 3.45                      | 4.83                       | 58                                   | 65     |      |
|                                 | Kindersley           | .08                                   | 3.74                      | 4.75                       | 64                                   | 65     |      |
|                                 | Rosetown             | .06                                   | 6.64                      | 5.76                       | 58                                   | 65     |      |
|                                 | 7B                   | Macklin                               | .04                       | 3.76                       | 5.34                                 | 56     | 64   |
| 8A                              | Denzil               | .09                                   | 4.19                      | 5.34                       | 57                                   | 64     |      |
|                                 | Scott                | .26                                   | 4.20                      | 5.37                       | 56                                   | 63     |      |
|                                 | Biggar               | nil                                   | 5.35                      | 5.49                       | 59                                   | 66     |      |
|                                 | Hudson Bay           | .51                                   | 3.53                      | 6.24                       | 60                                   | 63     |      |
|                                 | Prairie River        | 1.28                                  | 4.51                      | 6.12                       | 57                                   | 64     |      |
| 9A                              | Armit                | .38                                   | 3.36                      | 6.24                       | 61                                   | 64     |      |
|                                 | 8B                   | Humboldt                              | .42                       | 3.07                       | 5.62                                 | 59     | 64   |
|                                 | Melfort              | 1.27                                  | 3.26                      | 5.74                       | 57                                   | 65     |      |
|                                 | North Battleford     | .08                                   | 3.95                      | 5.20                       | 57                                   | 66     |      |
|                                 | Victoire             | .07                                   | 3.14                      | 5.24                       | 56                                   | 62     |      |
| 9B                              | Prince Albert        | .34                                   | 4.24                      | 6.04                       | 58                                   | 64     |      |
|                                 | Island Falls         | .12                                   | 4.71                      | 5.42                       | 61                                   | 62     |      |
|                                 | Waseca               | .04                                   | 5.70                      | 5.49                       | 56                                   | 62     |      |
|                                 | St. Walburg          | n.r.                                  | 6.17 <u>2/</u>            | 5.49                       | n.r.                                 | 62     |      |
|                                 | SASKATCHEWAN AVERAGE |                                       | .29                       | 5.17                       | 5.94                                 | 60.5   | 65.3 |
| <u>ALBERTA</u>                  |                      |                                       |                           |                            |                                      |        |      |
| 1                               | Empress              | .39                                   | 2.64                      | 3.89                       | 62                                   | 68     |      |
|                                 | Foremost             | .27                                   | 3.11                      | 6.12                       | 62                                   | 68     |      |
|                                 | Hanna                | .58                                   | 3.76                      | 5.44                       | 58                                   | 64     |      |
|                                 | Manyberries          | .12                                   | 6.06                      | 4.86                       | 61                                   | 68     |      |
|                                 | Medicine Hat         | .12                                   | 2.50                      | 5.23                       | 62                                   | 69     |      |
|                                 | Naco                 | .47                                   | 3.80                      | 4.77                       | 55                                   | 64     |      |
|                                 | Winnifred            | .25                                   | 3.70                      | 5.22                       | n.r.                                 | n.r.   |      |
|                                 | 2                    | Brooks                                | .15                       | 3.08                       | 4.93                                 | 60     | 67   |
| 2                               | Drumheller           | .21                                   | 4.02                      | 5.23                       | 60                                   | 66     |      |
|                                 | Gleichen             | .19                                   | 5.21                      | 5.86                       | 57                                   | 63     |      |
|                                 | Hays                 | n.r.                                  | 2.66 <u>2/</u>            | 5.08                       | n.r.                                 | 69     |      |
|                                 | Raymond              | .39                                   | 4.09                      | 6.77                       | 58                                   | 65     |      |
|                                 | Lethbridge           | .31                                   | 3.86                      | 6.91                       | 59                                   | 64     |      |
|                                 | Strathmore           | .20                                   | 4.18                      | 6.47                       | 56                                   | 62     |      |
|                                 | Three Hills          | .74                                   | 4.72 <u>2/</u>            | 6.13                       | 58                                   | 62     |      |
|                                 | Trochu               | .76                                   | 5.49                      | 6.69                       | 56                                   | 63     |      |
| 2                               | Vulcan               | .34                                   | 4.67                      | 6.23                       | 58                                   | 64     |      |



Precipitation and Temperature Data, Prairie Provinces 1/

| Province and District | Station              | Precipitation                         |                           |                            | Mean Temperature                     |                |
|-----------------------|----------------------|---------------------------------------|---------------------------|----------------------------|--------------------------------------|----------------|
|                       |                      | Week ending<br>8 a.m.<br>July 9, 1962 | Total<br>since<br>April 1 | Normal<br>since<br>April 1 | Week ending 8 a.m.<br>July 9<br>1962 | Normal         |
|                       |                      |                                       | - inches -                |                            |                                      | - degrees F. - |
| ALBERTA (concluded)   |                      |                                       |                           |                            |                                      |                |
|                       | Calgary              | .54                                   | 5.37                      | 7.38                       | 56                                   | 61             |
|                       | Cardston             | .25                                   | 5.52                      | 7.58                       | 55                                   | 64             |
|                       | Pincher Creek        | .12                                   | 6.36                      | 8.55                       | 55                                   | 59             |
|                       | Fort MacLeod         | .09                                   | 3.00                      | 7.47                       | 58                                   | 66             |
|                       | High River           | n.r.                                  | 3.73 <u>2/</u>            | 8.39                       | n.r.                                 | 61             |
|                       | Magrath              | .35                                   | 4.35 <u>2/</u>            | 7.38                       | 57                                   | 64             |
|                       | Olds                 | 1.33                                  | 7.31                      | 7.21                       | 55                                   | 60             |
|                       | Camrose              | n.r.                                  | 6.56 <u>2/</u>            | 5.80                       | n.r.                                 | 62             |
|                       | Coronation           | .57                                   | 5.20                      | 5.14                       | 56                                   | 63             |
|                       | Hughenden            | .16                                   | 4.62                      | 5.43                       | 54                                   | 63             |
|                       | Lloydminster         | .44                                   | 7.36                      | 5.28                       | 56                                   | 63             |
|                       | Stettler             | 1.03                                  | 5.69                      | 6.66                       | 58                                   | 62             |
|                       | Vegreville           | .37                                   | 3.84                      | 5.54                       | 54                                   | 63             |
|                       | Vermilion            | .24                                   | 6.31                      | 5.57                       | 54                                   | 61             |
|                       | Edmonton             | .61                                   | 7.53                      | 6.72                       | 55                                   | 63             |
|                       | Lacombe              | .48                                   | 7.45                      | 7.24                       | 55                                   | 62             |
|                       | Red Deer             | 1.44                                  | 3.24                      | 6.89                       | 56                                   | 59             |
|                       | Rocky Mountain House | .53                                   | 7.34                      | 8.82                       | 54                                   | 60             |
|                       | Wetaskiwin           | .52                                   | 2.73                      | 6.70                       | 56                                   | 62             |
|                       | Athabasca            | n.r.                                  | 2.76 <u>2/</u>            | 5.77                       | n.r.                                 | 60             |
|                       | Campsie              | .12                                   | 3.14                      | 6.75                       | 54                                   | 61             |
|                       | Edson                | 1.21                                  | 8.04                      | 7.19                       | 55                                   | 59             |
|                       | Elk Point            | .49                                   | 10.89                     | 5.82                       | 51                                   | 60             |
|                       | Embarras             | 2.00                                  | 6.97                      | 3.94                       | 52                                   | 53             |
|                       | Lac la Biche         | 1.31                                  | 9.93                      | 5.81                       | 52                                   | 63             |
|                       | Smith                | .52                                   | 2.39                      | 5.44                       | 54                                   | 60             |
|                       | Whitecourt           | .13                                   | 7.76                      | 7.03                       | 54                                   | 59             |
|                       | Beaverlodge          | .37                                   | 5.18                      | 5.08                       | 55                                   | 60             |
|                       | Fairview             | .31                                   | 5.53                      | 5.34                       | 56                                   | 60             |
|                       | Ft. Vermilion        | .61                                   | 8.42                      | 4.12                       | 54                                   | 62             |
|                       | Grande Prairie       | .85                                   | 5.92                      | 5.10                       | 57                                   | 60             |
|                       | High Prairie         | .02                                   | 5.06                      | 5.94                       | 54                                   | 61             |
|                       | Peace River          | .30                                   | 5.92                      | 4.79                       | 57                                   | 61             |
|                       | Rycroft              | .49                                   | 5.07                      | 5.01                       | 54                                   | 61             |
|                       | Wagner               | .36                                   | 7.52                      | 5.11                       | 54                                   | 60             |
| ALBERTA AVERAGE       |                      | .51                                   | 6.00                      | 6.04                       | 56.1                                 | 62.6           |

No report.

Source: Meteorological Service of Canada.

Incomplete; not included in average.

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