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DOMINION BUREAU OF STATISTICS

SEP 22 1948

TELEGRAPHIC CROP REPORT

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Ottawa, September 21, 1948, 3 p.m. - The last of a series of eight telegraphic reports covering crop conditions throughout Canada is issued today by the Dominion Bureau of Statistics. Included in this report is the last of a series of thirteen telegraphic reports on crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from the Dominion 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 Service of Canada.

SUMMARY

Harvesting of grains is still in progress in the Maritime provinces with one-third to one-quarter of the crop still to be cut. Potato blight is severe in Prince Edward Island but in New Brunswick the damage is not serious. Pastures and aftermath throughout the area are particularly good. Reduced crops of apples are expected in both Nova Scotia and New Brunswick, and in Nova Scotia apple scab and codling moth have reduced the quality of the fruit.

Rainfall in Quebec during past two weeks has been insufficient to improve pastures which are dry and short. Consequently, there has been some drop in dairy production. Harvesting is progressing and yields per acre are higher than in 1947 and compare favourably with the long-time average. The quantity and quality of garden crops are expected to be better than usual except in the Abitibi and Temiscamisque districts where frost occurred on the 15th and 16th of the month. Potatoes are now being dug and results so far indicate a heavy yield. The tobacco crop, particularly the flue-cured variety, is estimated to be large.

The prolonged dry spell which contributed materially to the successful harvesting of a bumper crop of fall and spring grains has had serious effects on the development of most late crops in Ontario. Late fruit crops are undersized and root crops have been adversely affected by lack of moisture. Fortunately, some late crops such as dry beans, soy beans and corn for husking were too far advanced to be greatly affected and indications are that yields of these crops will be satisfactory. Corn for ensilage is being cut earlier than usual in many localities to save it from being dried up. Pastures throughout most of southern Ontario have suffered serious deterioration and many dairy farmers have resorted to stable feeding their cattle in an effort to maintain milk production. Continued lack of rain has delayed the seeding of fall wheat and indications are that the intended acreage will be greatly reduced. Little fall ploughing has been done to date and soaking rains are needed in most areas to enable farmers to proceed with this work.

Apart from northern areas in Alberta excellent harvesting weather has generally prevailed throughout the Prairie Provinces for the past month. Rapid progress in harvesting cereals has been made in Manitoba, Saskatchewan and

southern Alberta where operations are nearing completion. A large proportion of the flax crop still remains to be cut and threshed. Recent rains have held up work in northern Alberta but conditions have now improved and given good weather all crops should be under cover within three weeks. Quality of cereals is generally high throughout Manitoba and Saskatchewan. In Alberta quality is variable, particularly in northern sections where frost and wet weather have affected the sample.

Harvesting of cereal grains is practically completed in Manitoba except in west-central and northern areas where only 20 per cent remains to be done. Yields and quality of all grains are uniformly high and ideal weather has aided in rapid progress in harvesting of crops. A considerable proportion of the flax crop remains to be harvested in northern areas whereas in the Red River Valley two-thirds of the crop is garnered and elsewhere up to 50 per cent has been harvested. The outlook is still favourable for late crops - corn, sun-flowers and sugar beets.

Dry weather has resulted in rapid progress in harvesting of grain crops throughout Saskatchewan this past month. Wheat is nearly 90 per cent harvested and coarse grains over 70 per cent completed. About 45 per cent of the flax crop is cut and about 30 per cent threshed. The quality of grain crops is high in most districts. Fall seeding is being delayed because of extremely dry conditions.

Harvesting operations have been further delayed in northern Alberta by recent rains but the situation has now improved and harvesting will be general again this week. Rapid progress is being made in other areas and practically all cutting should be completed by the end of September. To date, about 35 per cent of the province's wheat crop has been threshed or combined and if good weather prevails all grain should be under cover within the next three weeks. Quite serious frosts have occurred in the Peace River area and slight to considerable scattered damage has occurred elsewhere. Grades are variable with wheat running from No. 1 Northern to Feed and oats and barley from No. 2 C.W. to No. 3 Feed. Hay yields have been satisfactory and grazing is generally good.

In British Columbia harvesting is under way throughout the province. Wet weather, however, has delayed operations and some spoilage of cereals is reported. The apple crop is maturing rapidly but the size of the fruit is smaller than usual. Harvesting of hops is nearly completed.

Maritime Provinces - In Prince Edward Island the grain harvest is about two-thirds completed. The harvest this year is slightly later than usual but there has been no frost so far this season. Potato blight is severe and rot is also present, reducing the crop appreciably. Pastures are dry but there is ample aftermath and fodder corn for fall feeding.

In the Annapolis Valley of Nova Scotia the yields of grain are good but the acreage planted was smaller this season. Potatoes and vegetables are above average and the pastures and aftermath are particularly good. The apple crop is light but scab and codling moth injury are severe in some sections. In the Nappan area 50 per cent of the grain is stooked and some is already stored. Unless unusually good weather prevails, one-quarter of the crop will not mature. Corn and swedes promise average crops, but potatoes are slightly below average. The aftermath is excellent and pastures are better than usual at this time of year.

In New Brunswick harvesting of hay and grain has proceeded slowly on account of the labour shortage. Oats are 80 per cent harvested and the out-turn is better than average. Potato yields are also above average and although

blight is general throughout the area, the damage is not serious. The quality of the pastures is fair but the aftermath is heavy. The yields of apples are below average but the quality of the fruit is good.

Quebec - Insufficient rainfall to revive pastures during the past two weeks has resulted in a drop in dairy production. Harvesting is continuing with yields better than last year and more in line with the long-time average. Garden crops are better than usual and the potato and tobacco crops are expected to be large.

In the area around Ste. Anne de la Pocatiere, the weather has been very dry and the pastures very short. Clover and alfalfa aftermath along with some fodder corn have helped to maintain the milk flow. Most cereal grains have been cut and yields are promising. A heavy crop of potatoes is being dug. Some fields have been attacked by late blight.

During the past three weeks three inches of rain have fallen in the Normandin section. The aftermath is providing good pasture and milk production is satisfactory. Nearly all grains have been cut and the yield is expected to be far above that of last year. Frosts on the 2nd and 15th did little damage.

At Lennoxville the weather has been very dry. A killing frost occurred on the nights of the 15th and 16th. The harvesting of a good crop of grain has been almost completed. Corn and potatoes are good and roots and pastures are fair.

During the past six weeks the weather has been exceptionally warm and dry in the area around Hemmingford. The harvesting of grain has been completed and the yields of oats and barley are very good. Most of the ensilage corn has been cut with the yield about average. The outturn of potatoes is good although there has been some loss from blight. The tomato yield has been very good but considerable end rot has been in evidence. Apples promise a fair volume of good quality fruit. While there is relatively little scab to be found, there is a fair amount of bud moth and codling moth.

At L'Assomption the ensiling of corn is general and the yields are fairly good. Pastures are deficient due to extremely dry weather. Frost on September 16 caused light damage to flue-cured tobacco.

Harvesting of grain in western Quebec is complete and the yields and quality are good. It is expected that there will be more clover and timothy seed harvested this year. The first frost occurred September 15 and was heavier in some areas than others. The harvesting of the silage corn is nearly completed with a heavy crop making good quality ensilage. There are heavy canning crops of pears, beans, corn and tomatoes. The shortage of labour in the canning factories is creating quite a problem. Lack of moisture during July and August accounts for only a fair crop of sugar beets, turnips and mangels. Pastures are at a standstill and some wells are going dry. Rain is needed to aid ploughing.

In north-western Quebec, the first local frost occurred September 1, followed by two heavy frosts last week which burnt some of the potatoes. Most of the grain crops have been cut and most of it is threshed or stored. A heavy yield is expected. Pastures are good for this time of year. Very little ploughing has been done.

Ontario - The development of most late crops in Ontario has been seriously affected by the dry period which has prevailed throughout the greater part of August and September. Fortunately, the dry weather set in too late to affect the yields of spring and fall grains, and even some late crops such as dry beans, soy beans and corn for husking were sufficiently advanced to avoid

serious damage resulting from lack of rain. Late fruit crops are undersized, and root crops and potatoes have been adversely affected. Pastures throughout most of southern Ontario have suffered severe deterioration and an increasing number of dairy farmers are stable feeding their cattle in an effort to prevent a drop in milk production. In many localities the cutting of corn for ensilage has been advanced to save the corn before drying up. Continued lack of rain has delayed the sowing of fall wheat and it appears that the intended acreage will be greatly reduced.

A report from Harrow indicates that the harvesting of burley tobacco in that area is nearly completed under excellent curing conditions. A heavy canning tomato crop is being harvested and corn and soy bean crops look promising. The harvesting of a good peach crop is also well advanced. In the London area rain is urgently needed for pastures and the germination of newly seeded fall wheat. Bean harvesting is general and satisfactory yields of good quality are reported. Flax is being threshed and combined, with yields averaging 15 to 20 bushels per acre. Early soy beans are ready to cut and tobacco harvesting is practically completed.

Around Galt pastures are in very poor condition and farmers are stable feeding their dairy herds. Yields of roots and corn have been reduced but all spring grains and fall wheat yielded above average. A report from Barrie states that grain harvesting, with the exception of buckwheat, was completed by the end of August with satisfactory yields. Potato harvesting has started with yields about average. A large acreage of winter wheat is being sown despite the urgent need for rain. In the Renfrew area all crops with the exception of ensilage corn and some potatoes are now harvested. Crops in this district are reported to be probably the best on record.

Soy beans on Pelee Island are ripening fast and a crop of 125,000 bushels is expected on the Island. The seed corn crop is reported to be very satisfactory. A report from the Entomological Laboratory at Chatham indicates that wireworm injury to tobacco in the Union-Mount Brydges area was moderate to severe, with smaller losses in Essex and Kent. Corn borer infestation is 10 to 15 per cent lower this year than last in south-western Ontario. Considerable damage to both burley and flue-cured tobacco has been caused by aphids.

Throughout most of Ontario the continued lack of rain has prevented the normal progress with fall ploughing. It has also dried up many wells, forcing farmers to draw water for their live stock. Immediate rains are urgently required in practically all areas to provide adequate moisture for the germination of fall wheat and to enable farmers to proceed with fall ploughing.

Manitoba - Aided by exceptionally fine harvest weather during the past month the harvest in Manitoba is nearly completed. About 20 per cent of the cereal crops remain to be harvested in the west-central and northern areas with practically all cereals under cover in the remainder of the province. Flax harvesting is about two-thirds completed in the Red River Valley and nearly half finished in the south-western and central areas. A smaller percentage of this crop was harvested in the north. The absence of frost has been exceptionally favourable to the corn crop which will soon be ready to pick. Sunflowers are still promising although some rust and insect damage has occurred. Beets will be a satisfactory crop but drought has reduced volume. Ample fodder supplies have been stored and a considerable area of land in the southern districts is already surface cultivated. Rain would be welcome now to aid pastures and to increase next season's moisture reserve.

In the south-eastern section of the province threshing of cereal crops has been completed under ideal weather conditions. About 25 per cent of

the flax crop still remains for harvesting. Some 20 per cent of the crops, particularly buckwheat, was lost in this area due to spring and summer flooding. Average crop yields here are: wheat 18 to 20 bushels per acre, oats 35, barley 18, rye 12 and flax 9 bushels per acre. Farmers in this district will have surplus feed.

In the area east of Winnipeg all grains except flax have been harvested with yields mostly higher than anticipated. Flax is about one-quarter completed with good yields. Potato harvesting is started and the crop is yielding well although some damage has occurred from late blight and water rot. The second cutting of alfalfa and hay has turned out well. Sugar beets are making good progress and no frost has been reported as yet. Fall work is well advanced.

In the south-western corner of the province practically all wheat and coarse grain crops have been threshed with 75 per cent of the flax under cover. Average yields for wheat have been 15 bushels, oats 30, barley 22, rye 18, and flax 10. Pastures here are poor and the soil has been too dry for fall ploughing. Further east, in the Pilot Mound area, harvesting of all crops except flax is nearly completed. Wheat here has averaged about 25 bushels per acre and grading No. 2 and 3 Northern. Barley has turned out about 30 bushels per acre, oats 45 and flax 12. Pastures are drying up although summerfallows are in generally good condition with the exception of a few weedy fields.

In the Portage area, west of Winnipeg, harvesting of wheat, oats and barley is completed with yields slightly above earlier estimates. Peas are 50 per cent harvested and yields are reported at 15 to 25 bushels per acre. Flax yields here have not been as high as expected due to rust and pasmo. The Dakota and Rocket varieties have turned out better than Royal with several yields reported up to 25 bushels. The average flax yield in this area will be about 12 bushels per acre. Potatoes have suffered from blight. The fodder corn crop is mostly cut and beet lifting should start next week with a better crop anticipated. Fall work is well advanced although rain is needed to start weed growth and to facilitate fall ploughing and disking. Further west at Brandon wheat, oats and barley threshing is nearly finished with about 40 per cent of the flax harvest completed. Yield and quality of the three main crops are well above average as is the yield of corn and potato crops. Around Neepawa harvesting is nearing completion with coarse grains approximately 90 per cent threshed. About 10 per cent of a good flax crop has been harvested with the average yield running around 14 bushels. At Minnedosa very little of the flax has been harvested. Rust and pasmo have affected the Royal, Red Wing and Victory varieties although the extent of the damage has not yet been determined.

In the Dauphin area, in the north-western section of the province, threshing of grains is 80 per cent completed with wheat yields somewhat lower than anticipated. Wheat is turning out about 22 bushels per acre with barley at 34 and oats from 35 to 40 bushels per acre. Flax fields show pasmo infestation but yields are running around 12 bushels. Tomatoes and potatoes have been badly hit with blight. The hay crop here was poorly cured due to excess rain. Slight hail damage occurred in this district during the season.

The Entomological Laboratory at Brandon reports that the grasshopper egg survey is now almost completed. A general increase in grasshopper population is indicated with prospects of a serious infestation for 1949 in the areas between Carmen, St. Agathe and Morris; from Macgregor to Flumas and in the Wawanessa, Treesbank district. Somewhat lighter infestations are looked for in the Waskada, Goodlands, Carberry, Neepawa, Hartney and Souris areas and east of the Red River from Emerson to Saint Pierre. Some damage will occur in other districts, particularly through the Red River Valley and in the south-west if the spring is warm and dry.

Average precipitation for the province since April 1 has been 8 per cent above normal as compared with 20 per cent above normal four weeks ago. Mean

temperature for the week ending September 20 was 7.6 degrees above normal.

Saskatchewan - Continued dry weather during the past five weeks has permitted exceptional progress of harvesting operations in all districts of Saskatchewan. Wheat is almost 90 per cent and coarse grains over 70 per cent threshed. Quality of grain is high, top grades being reported for deliveries in most districts. About 45 per cent of the flax crop is now cut and about 30 per cent threshed. Some early fall sown summerfallowed fields are being heavily damaged by grasshoppers but fall seeding is being delayed in most areas due to lack of moisture.

At Manor in the south-east wheat is 75 per cent threshed. Yields are good except for parts of the area that were damaged by hail. The flax crop here is late and uneven and rust is reducing yields. The feed situation is very good. Average yields at Fillmore are reported at 18 for wheat, oats 25, barley 20, rye 10 and flax 15. Wheat and flax yields especially are exceeding earlier expectations. Whereas shortage of labour has delayed threshing the dry weather has made stooking unnecessary on many farms. Harvest operations are almost completed at Indian Head. Yields have been very satisfactory with wheat averaging 25 to 27 bushels per acre and grading No. 1.

Exceptionally good harvesting progress has been made in north-eastern districts. The Willowbrook area has not had one wet day to delay operations and only three or four days are now required to complete the job. Wheat in this area is averaging nearly 18 bushels, oats 25-30 and barley about 20. All crops are harvested at Hanley. Oats were a total failure. Average yields reported are: wheat 5, barley 2 and flax 4 bushels per acre. Over central districts as a whole, however, average wheat yields range from 8 to 12 bushels per acre.

The Dominion Experimental Station at Swift Current reports that good filling conditions have resulted in higher yields than expected and exceptional high quality in sample. All bread wheat is grading No. 1 with Durums going at 2 and 3. Average yields in the surrounding area are now estimated at 16 bushels for wheat, oats 25, barley 20, rye 12 and flax 6. Similar conditions and slightly higher yields are reported at Rosetown while a report from the Experimental Station at Scott, summarizing conditions for west-central areas places the range of yield estimates for wheat from 7 to 11 bushels per acre with coarse grains in proportion and flax 4. The proportion of acreage seeded in these districts which will not be harvested due to drought and grasshopper damage amounts to about 5 per cent for wheat, 10 per cent for barley, 20 per cent for oats and 25 per cent for flax.

Harvesting is almost completed in the north-west. Average yields reported from Prince are: wheat 12, oats 20, barley 10, rye 8, flax 5. Feed supplies in this area are good and gardens fair. North central areas too have had an exceptionally dry harvest period, practically frost free. Yields at Melfort are exceeding expectations with wheat averaging about 23 bushels per acre.

The Dominion Laboratory of Plant Pathology summarizing damage from plant diseases for the season reports that common root disease was responsible for some reduction in yields of cereal grains, especially in barley except in south-eastern district. In these areas rust caused damage in a few fields of susceptible wheat and leaf rust on Thatcher wheat also caused slight injury. Smut diseases were not serious this season. Mildew was injurious to some barley fields in the north-east district. Injury to flax crops by rust and to a lesser extent by pasmo and stem canker occurred in the south-east. Potato late blight caused heavy damage in many fields throughout south-east and eastern districts.

and subsequent rotting of tubers will result in further losses. This is the first report of serious damage by late blight for Saskatchewan. Diseases causing leaf drop resulted in some reduction in alfalfa forage.

Exceptionally dry conditions prevail throughout the province. Moisture reserves are at a low ebb in all districts. Fall seedings are being delayed and rains are required before normal fall cultivation can proceed. Average precipitation for the province since April 1 has been 23.8 per cent below normal, as compared with 13.3 per cent below normal four weeks ago. Mean temperature for the week ending September 20 was 8.4 degrees above normal.

Alberta - Cutting and threshing are again getting under way in northern districts following recent rains and will be general again this week. Harvesting in other areas is proceeding rapidly with wheat cutting in most districts well advanced. Practically all cutting should be completed by the end of September. About 35 per cent of the wheat crop has been threshed or combined and with good weather all grain will be under cover within the next three weeks. Wheat is grading from No. 1 Northern to Feed and oats and barley 2 C.W. to No. 3 Feed. Reports of 5 to 50 per cent frost damage have been received from the Peace River area and slight to considerable scattered damage has occurred in other districts. Good crops of forage seed are being harvested. Hay yields are satisfactory and grazing is good.

In the Manyberries area in the south-eastern part of the province harvesting is almost completed. Spring wheat graded No. 1 with an average of about 10 bushels per acre. Winter wheat averaged only 3 to 4 bushels, oats and barley turned out about 10 bushels per acre. Range conditions are fairly good although the weather is dry.

Harvesting around Medicine Hat is 90 per cent complete. Wheat has yielded from 3 to 40 bushels per acre and may average about 15. Oats averaged 20 bushels, barley 20, flax 5 and rye 7 bushels per acre. Live stock is in good condition but pastures are drying. Excellent harvest weather has prevailed in the irrigation areas around Brooks. Threshing of all grains here is 60 per cent complete. Considerable loss due to rust has occurred in the yields of soft spring wheat. The second cutting of the hay crop has been good and potatoes have turned out well. Live stock and pastures are holding up in this area. Favourable weather in the Cardston area is maturing late crops. Harvesting of winter wheat and rye is about completed with yields of 25 to 30 bushels per acre. Spring crops are 80 per cent cut but only 10 per cent threshed. Yields are good although quality has been lowered by recent frosts. In the Vulcan area spring wheat is 60 per cent threshed and is yielding an average of 28 bushels per acre grading No. 1 to 5 Northern. Threshing of oats and barley is completed with yields averaging 50 and 40 bushels per acre respectively. No flax has been threshed here as yet.

South of Calgary around Claresholm where the crop was very late, harvesting is now general with rye completed. Thirty-five per cent of the wheat is harvested in this area but work on oats, barley and flax is not yet under way. Expected yields of wheat are 28 bushels, oats 50, barley 40, rye 15 and flax 13 bushels per acre. Frosts have affected grades but will not appreciably affect yields. It is expected that wheat will grade 20 per cent No. 1, 30 per cent No. 2, 20 per cent No. 3 and 30 per cent No. 4 Northern.

In the east-central section of the province around Hanna harvesting is 75 per cent completed with wheat averaging about 10 bushels per acre. Pastures and live stock are in good condition and feed is in good supply. In the Stettler-Donalda area in central Alberta haying is about three-quarters completed. Light frosts in low spots will cause some lowering of grades. Some grain is still

quite green and three weeks of good weather will be required to complete harvesting. Wheat is expected to average about 18 to 20 bushels, barley 18 to 20, oats 30 to 35 and rye 15 to 18 bushels per acre.

In the Calgary district harvesting is now in full swing with cutting of all grains 95 per cent completed. Forty per cent of the wheat crop has been threshed with 20 per cent of the oats, 30 per cent of the barley and 10 per cent of the flax also under cover. With continued good weather threshing could be completed by the end of next week. Good hay crops have been harvested and pastures are in good shape. Farther north at Olds grain crops are all good with threshing well under way. Wheat is grading very well with a high proportion No. 2 Northern. At Red Deer cutting and swathing is 75 per cent complete although only 10 per cent of the crops has been threshed or combined. A labour shortage is reported in this area. Crop yields are fair to good with late recovering hailed crops showing considerable frost injury. Otherwise, grain is all good quality. Around Edmonton wet weather has delayed harvesting operations although 80 per cent of the wheat and barley crops has been cut. Little threshing has been accomplished to date. In the Vermilion-Lloydminster area in eastern Alberta crops have been yielding better than expected and wheat is averaging 18, oats 35 and barley 18 bushels per acre, all of good quality.

In the north-eastern part of the province, around Bonneyville, harvesting operations are 70 per cent completed. The weather has been very dry and moisture reserves are low. Wheat is averaging 7 bushels, barley and oats 12 and flax and rye 8 bushels per acre. Alfalfa and clover seed have yielded only 100 pounds per acre. Considerable frost damage has occurred to grain crops but the quality of forage seed is very good. In the Athabaska district north of Edmonton, threshing will be general in the next couple of days. Grain is tough from last week's rain. The heavy August frosts will make the bulk of grains grade No. 3 and lower. Wheat will average about 8 bushels. Coarse grains are poor in this area although the feed situation is reported to be good as are the forage crops. At Beaverlodge in the Peace River district cutting and swathing is 80 per cent completed with 15 per cent threshed or combined. Rain last week has further delayed harvesting and three weeks of fine weather will be required to complete fall work.

The Dominion Laboratory of Plant Pathology at Edmonton reports some rust damage in only a few late-maturing fields of soft wheat. Flax rust is rather severe in some fields, but in general the crops are fairly free of disease. The Entomological Laboratory at Lethbridge reports some late flax suffering loss by grasshoppers but a relatively small acreage is involved. An aphid outbreak in the Stavely-Claresholm district completely destroyed many thousands of acres of late-seeded cover crop which farmers had expected to use for the finishing of live stock. Sawfly losses have been held to a minimum by early swathing. The Alberta Hail Insurance Board reports some hail at Innisfail and in a strip from Elnora to Scollard. The hail loss for the year has been unusually light with scattered small storms at various places but with only two districts suffering to any extent, one being Penhold through Red Deer, Lacombe, Chigwell and ending east of Morningside; and the other from Crossfield to east of Didsbury and then east through Allingham, Sunnyslope and Three Hills.

Average precipitation since April 1 has been 1 per cent above normal as compared with 12 per cent above normal four weeks ago. Mean temperature for the week ending September 20 was 5.7 degrees above normal.

British Columbia -

In British Columbia, the weather during the past two weeks has been generally fine and warm with cool nights. Harvesting operations in the southern sections of the province are well advanced and are now general in northern areas. On Vancouver Island, wet weather during the harvest resulted in some spoilage of hay and cereals but pastures have never been better. Ensilage corn is late in maturing and blight has reduced the potato yields. In the Fraser Valley frequent rains in August caused a heavy loss of grains due to sprouting and considerable late oats have had to be ensiled. Because of heavy lodging and second growth, harvesting of red clover for seed is expected to be difficult. Picking of hops is nearly completed.

In the Okanagan Valley apples are maturing rapidly but the sizes are smaller than usual. Tomatoes are moving to the canneries in volume, the tonnage, however, is below the earlier estimates. In the Prince George district cold, wet weather is delaying the harvest. No cereals have been threshed yet but yields of 35 bushels per acre for wheat, 50 bushels per acre for oats and 40 bushels per acre for barley are expected.

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Weekly Precipitation and Temperature in the Prairie Provinces 1948

| Crop District and Province | Station | Precipitation | | | Temperature | |
|-------------------------------|--------------------|--------------------------------------|---------------------------|----------------------------|--|--------|
| | | Week ending 8 a.m. Sept. 20/48 | Total since April 1 | Normal since April 1 | Week ending 8 a.m. Sept. 20, 1948 Mean | Normal |
| | | | | | | |
| <u>MANITOBA</u> | | | | | | |
| 1 | Pierson | Nil | 12.24 | 11.16 | 60 | 53 |
| | Melita | Nil | 14.92 | 14.15 | 61 | 52 |
| | Waskada | Trace | 11.93 | 2/ 11.49 | 62 | 54 |
| 2 | Boissevain | Nil | 16.19 | 11.19 | 60 | 54 |
| | Ninette | Nil | 13.70 | 11.60 | 60 | 54 |
| | Pilot Mound | Nil | 17.22 | 12.64 | 62 | 53 |
| 3 | Portage la Prairie | Nil | 11.61 | 11.93 | 62 | 53 |
| | Graysville | Nil | 11.55 | 12.17 | 57 | 54 |
| | Morden | Trace | 13.85 | 11.78 | 62 | 53 |
| | Morris | Nil | 8.74 | 12.19 | 61 | 54 |
| | Emerson | Nil | 14.16 | 11.33 | 62 | 53 |
| 4 | Winnipeg | Trace | 10.56 | 13.48 | 62 | 54 |
| 6 | Sprague | .02 | 12.43 | 2/ 12.48 | 58 | 52 |
| | Pinawa | Nil | 5.69 | 10.62 | 59 | 51 |
| 7 | Virden | Nil | 17.44 | 10.13 | 60 | 52 |
| | Rivers | Nil | 15.55 | 11.76 | 60 | 52 |
| 8 | Brandon | Nil | 11.87 | 11.98 | 61 | 53 |
| | Cypress River | Nil | 9.94 | 11.96 | 60 | 53 |
| 9 | Minnedosa | .01 | 12.04 | 11.64 | 59 | 52 |
| | Neepawa | Nil | 10.64 | 11.64 | 61 | 52 |
| 10 | Russell | Nil | 11.75 | 11.09 | 56 | 50 |
| | Birtle | Trace | 13.48 | 11.57 | 56 | 50 |
| 11 | Dauphin | .06 | 17.44 | 10.54 | 58 | 51 |
| 12 | Gimli | .11 | 10.30 | 12.31 | 62 | 51 |
| 13 | Swan River | .14 | 11.40 | 12.00 | 56 | 48 |
| | The Pas | .01 | 11.33 | 9.87 | 57 | 49 |
| <u>MANITOBA AVERAGE</u> | | .01 | 12.65 | 11.72 | 59.8 | 52.2 |
| <u>SASKATCHEWAN</u> | | | | | | |
| 1A | Estevan | Nil | 9.62 | 2/ 10.90 | N.R. | 53 |
| | Carlyle | Nil | 9.64 | 11.73 | 59 | 50 |
| 1B | Broadview | Nil | 8.22 | 10.63 | 58 | 51 |
| | Moosomin | Nil | 12.50 | 10.95 | 59 | 50 |
| 2A | Yellow Grass | Nil | 8.05 | 10.28 | 61 | 52 |
| | Midale | Nil | 7.30 | 11.18 | 62 | 52 |
| 2B | Moose Jaw | Nil | 7.18 | 10.44 | 63 | 53 |
| | Regina | .01 | 7.83 | 10.50 | 61 | 51 |
| | Francis | Nil | 7.46 | 9.68 | 58 | 53 |
| | Qu'Appelle | Nil | 7.55 | 12.43 | 60 | 52 |
| | Indian Head | Nil | 9.45 | 12.09 | 60 | 50 |
| 3AS | Assiniboia | Nil | 7.91 | 8.49 | 61 | 54 |
| | Ceylon | Trace | 6.80 | 2/ 12.86 | 60 | 52 |
| 3AN | Chaplin | Nil | 7.03 | 10.84 | 60 | 51 |
| | Gravelbourg | Nil | 7.66 | 9.02 | 60 | 52 |
| | Coderre | Nil | 5.11 | 9.44 | N.R. | N.R. |
| | Bishopric | Nil | 5.74 | 2/ 9.45 | 62 | 52 |
| 3BS | Instow | Nil | 9.47 | 2/ 9.55 | 61 | 51 |
| | Shaunavon | Nil | 7.69 | 8.77 | 62 | 49 |
| | Cadillac | Nil | 9.51 | 11.54 | 60 | 51 |

Weekly Precipitation and Temperature in the Prairie Provinces 1948 ^V(continued)

| Crop District and Province | Station | Precipitation | | | Temperature | |
|-------------------------------|---------------------|-----------------------|------------------|------------------|------------------------|--------|
| | | Week ending | Total | Normal | Week ending 8 a.m. | |
| | | 8 a.m. Sept. 20/48 | since April 1 | since April 1 | Sept. 20, 1948 Mean | Normal |
| SASKATCHEWAN | | | | | | |
| 3BS | Val Marie | Nil | 8.12 <u>2/</u> | 10.56 | 58 | 50 |
| | Aneroid | N.R. | 7.82 <u>2/</u> | 10.50 | N.R. | 51 |
| 3BN | Pennant | Nil | 6.98 <u>2/</u> | 10.31 | 62 | 52 |
| | Swift Current | Nil | 8.54 | 10.76 | 62 | 50 |
| 4A | Hughton | N.R. | 6.02 <u>2/</u> | 9.35 | N.R. | 50 |
| | Maple Creek | Nil | 6.81 <u>2/</u> | 9.79 | 61 | 53 |
| 4B | Consul | Nil | 6.82 | 8.28 | 57 | 49 |
| | Roadene | Nil | 6.29 | 9.36 | 60 | 50 |
| 5A | Leross | Nil | 7.30 <u>2/</u> | 10.82 | 56 | 49 |
| | Lipton | Nil | 5.53 <u>2/</u> | 9.83 | 55 | 49 |
| 5B | Yorkton | Trace | 9.38 | 11.23 | 57 | 50 |
| | Dafoe | Nil | 8.83 | 9.80 | 58 | 46 |
| | Foam Lake | Nil | 8.69 | 10.76 | 56 | 49 |
| | Lintlaw | Nil | 10.46 | 11.07 | 54 | 47 |
| | Kamsack | Trace | 10.83 | 9.10 | N.R. | 49 |
| 6A | Davidson | Nil | 7.67 <u>2/</u> | 8.71 | 54 | 49 |
| | Dilke | N.R. | 3.10 <u>2/</u> | 9.12 | N.R. | N.R. |
| | Semans | Nil | 6.70 | 7.09 | 58 | 50 |
| | Strasbourg | Nil | 5.84 | 9.60 | 59 | 50 |
| 6B | Harris | Nil | 5.83 <u>2/</u> | 9.17 | 57 | 50 |
| | Outlook | Nil | 5.74 | 8.09 | 60 | 50 |
| | Saskatoon | Nil | 5.86 | 9.30 | 59 | 50 |
| | Elbow | Nil | 7.06 | 8.45 | 59 | 50 |
| | Dundurn | Nil | 5.82 | 10.28 | 58 | 49 |
| | Tugaske | Nil | 4.35 | 8.45 | 62 | 50 |
| | Kindersley | Nil | 4.22 | 9.22 | N.R. | 50 |
| 7A | Rosetown | Nil | 7.12 | 10.26 | N.R. | 49 |
| | Macklin | Nil | 5.71 | 10.35 | 56 | 48 |
| 7B | Scott | Nil | 6.42 | 9.78 | 56 | 50 |
| | Ruthilda | Nil | 5.80 <u>2/</u> | 10.25 | N.R. | N.R. |
| | Biggar | Nil | 7.79 | 10.35 | 58 | 50 |
| 8A | Nipawin | N.R. | 6.49 <u>2/</u> | 10.75 | N.R. | 49 |
| | Hudson Bay Junction | Trace | 9.45 | 10.89 | 55 | 48 |
| 8B | Humboldt | Nil | 6.61 | 8.50 | N.R. | 49 |
| | Melfort | Trace | 6.36 | 10.91 | N.R. | 49 |
| 9A | North Battleford | Trace | 5.07 | 10.14 | 58 | 52 |
| | Rabbit Lake | Nil | 6.69 | 10.55 | 51 | 49 |
| 9B | Prince Albert | Nil | 11.73 | 11.71 | 56 | 50 |
| | Waseca | N.R. | 6.37 <u>2/</u> | 9.81 | N.R. | 48 |
| | Island Falls | .10 | 10.23 | 11.63 | 55 | 48 |
| SASKATCHEWAN AVERAGE | | .002 | 7.69 | 10.09 | 58.6 | 50.2 |
| ALBERTA | | | | | | |
| 1 | Taber | Nil | 8.87 | 10.13 | 58 | N.R. |
| | Foremost | Nil | 6.42 | 12.04 | 60 | 54 |
| | Winnifred | Nil | 7.25 <u>2/</u> | 7.63 | N.R. | N.R. |
| | Medicine Hat | Nil | 5.15 | 8.84 | 64 | 54 |
| | Manyberries | Nil | 6.25 | 9.28 | 62 | 54 |
| 2 | Cowley | Trace | 15.79 | 11.26 | 56 | 52 |
| | Macleod | Nil | 12.50 | 10.02 | 64 | 54 |
| | Cardston | Nil | 15.54 | 14.62 | 58 | 51 |
| | Lethbridge | Nil | 12.05 | 10.13 | 62 | 53 |
| 3 | Vauxhall | Nil | 7.13 <u>2/</u> | 8.87 | 59 | 52 |
| | Brooks | Nil | 10.14 | 8.52 | 60 | 53 |

Weekly Precipitation and Temperature in the Prairie Provinces 1948 ^{1/} (continued)

| Crop District and Province | Station | Precipitation | | | Temperature | |
|-------------------------------|----------------------|-----------------------|------------------|------------------|------------------------|--------|
| | | Week ending | Total | Normal | Week ending 8 a.m. | |
| | | 8 a.m. Sept. 20/48 | since April 1 | since April 1 | Sept. 20, 1948 Mean | Normal |
| <u>ALBERTA</u> | | | | | | |
| 3 | Empress | Nil | 3.22 | 9.05 | 63 | 52 |
| 4 | High River | Trace | 9.73 | 12.58 | 55 | 49 |
| | Vulcan | N.R. | 14.69 <u>2/</u> | 10.08 | N.R. | N.R. |
| 5 | Drumheller | .02 | 7.40 | 10.83 | N.R. | 55 |
| | Hanna | Nil | 4.06 <u>2/</u> | 11.02 | 60 | 50 |
| | Naco | N.R. | 6.33 <u>2/</u> | 9.86 | N.R. | 49 |
| 6 | Olds | Trace | 11.23 | 12.63 | 54 | 48 |
| | Calgary | Nil | 13.16 | 12.33 | 57 | 51 |
| | Three Hills | Nil | 9.40 | 11.57 | 54 | 49 |
| | Strathmore | Nil | 6.88 <u>2/</u> | 11.01 | 57 | 47 |
| | Gleichen | Nil | 10.06 | 10.02 | 58 | 49 |
| 7 | Viking | N.R. | 3.75 <u>2/</u> | 10.26 | N.R. | 48 |
| | Sedgewick | .02 | 5.48 <u>2/</u> | 10.97 | 56 | 49 |
| | Hardisty | Nil | 7.71 <u>2/</u> | 10.49 | N.R. | N.R. |
| | Coronation | Nil | 8.06 | 8.99 | 57 | 49 |
| | Hughenden | Nil | 7.78 | 9.98 | 56 | 51 |
| 8 | Red Deer | .03 | 12.41 | 14.68 | 52 | 49 |
| | Lacombe | N.R. | 9.05 <u>2/</u> | 12.15 | N.R. | 47 |
| | Wetaskiwin | .20 | 14.59 <u>2/</u> | 11.73 | 54 | 49 |
| | Camrose | Trace | 10.30 <u>2/</u> | 10.95 | 54 | 49 |
| | Stettler | Nil | 6.48 | 11.93 | 55 | 48 |
| 9 | Jasper | .36 | 13.58 | 6.54 | 52 | 49 |
| | Rocky Mountain House | .15 | 19.25 | 12.43 | 53 | 46 |
| | Springdale | .04 | 14.73 <u>2/</u> | 14.81 | 49 | 46 |
| | Vegreville | .06 | 9.56 | 12.87 | N.R. | 47 |
| 10 | Vermilion | .04 | 7.87 | 12.56 | 54 | 47 |
| | Lloydminster | Trace | 9.27 | 9.08 | 56 | 47 |
| 11 | Edmonton | .01 | 10.89 | 12.29 | 54 | 50 |
| 12 | Whitecourt | .14 | 18.83 | 13.21 | 50 | 47 |
| | Edson | .20 | 20.75 | 12.95 | 50 | 49 |
| 13 | Elk Point | .08 | 7.64 <u>2/</u> | 10.26 | 52 | 46 |
| 14 | Campsie | .04 | 13.67 <u>2/</u> | 12.51 | 50 | 48 |
| | Athabaska | .30 | 6.05 <u>2/</u> | 11.43 | 50 | 46 |
| | Lac La Biche | .28 | 10.10 | 10.40 | 53 | 48 |
| 15 | High Prairie | .44 | 10.67 <u>2/</u> | 10.57 | 50 | 49 |
| | Wagner | .36 | 10.75 | 11.66 | 51 | 47 |
| 16 | Beaverlodge | .84 | 12.83 | 8.94 | 50 | 48 |
| | Grand Prairie | .65 | 14.46 | 10.76 | 50 | 48 |
| | Fairview | .91 | 12.90 | 8.01 | 49 | 48 |
| 17 | Fort St. John | .52 | 12.07 | 10.09 | 52 | 50 |
| <u>ALBERTA AVERAGE</u> | | .12 | 11.02 | 10.90 | 55.1 | 49.4 |

N.R. No report

^{1/} Source: Meteorological Service of Canada

^{2/} Incomplete: not included in average