

22-002
no. 9
1960
Sept. 21
c. 2

FIGURE No.

002

Release

21, 1960

,m.



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Price: \$4.00 for series of 23 crop reports.

CROP REPORTING SERIES - No. 21

TELEGRAPHIC CROP REPORT - CANADA

This is the last of the 1960 series of nine telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. 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 Federal and Provincial Departments of Agriculture, private crop observers and grain men supply the information on which these reports are based. The weather data included in this release are furnished by the Meteorological Division, Department of Transport.

SUMMARY

Maritime Provinces. Harvesting throughout the Maritime Provinces is well under way, with yields for cereal crops expected to be about average. Potato harvesting has started, and yields may be lower than last year due to the August drought. The first frost of the season was reported on September 16, injuring tender vegetables in low-lying areas. Pastures have improved slightly due to recent rains, but milk producers throughout the Maritimes are drawing heavily on feed reserves.

Quebec. Good rains during the last two weeks have put an end to the long period of drought which had persisted since the beginning of August in nearly all parts of the province. Harvesting is drawing to a close, but frequent rains are retarding completion of grain threshing. Yields compare favourably to normal, both in volume and quality. Picking of potatoes is in progress, with yields a little below average. Ensiling of fodder corn is in full swing in several regions, with a good harvest reported. Market garden crops are yielding satisfactorily. In the counties south of Montreal corn canning is still under way. Meadows and pastures are again becoming green following the recent rains. Nevertheless, milk production remains below the level for this time of year. Picking of a poor crop of blueberries is finished. Farmers are now proceeding with fall field work in several regions. Early frosts made their appearance in the middle of September.

Ontario. Rains during the past week brought to an end the prolonged drought in the counties along the St. Lawrence, but in most of Old Ontario conditions are extremely dry. Heavy rains are needed to revive pastures, to provide sufficient soil moisture for the seeding and germination of winter wheat, and for the development of this year's seedings of hay and clover crops. No killing frosts have yet occurred and this has favoured harvesting of a record crop of flue-cured tobacco which is now practically completed. Warm weather will be needed during the next two weeks for soybeans and corn for grain. Harvesting of dry beans is well advanced, but yields are somewhat disappointing.

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

5502-508.21

The sugar beet harvest will start about October 10, and yields of around 13 tons per acre are anticipated, with sugar content some 2 per cent higher than a year ago. Harvesting of tomatoes for processing is continuing, with yield and quality both good. Because of recent dry weather potato yields will not be as high as expected earlier, but will still be above normal.

Prairie Provinces. Harvesting of cereal crops is nearing completion or completed over the greater part of the Prairie Provinces. Principal exceptions are northeastern Alberta, some districts in northern Saskatchewan and the Interlake area in Manitoba. Heavy rains continue to delay operations in some of these regions. Harvesting of other crops is proceeding satisfactorily. Wheat is grading well and with few exceptions is being threshed dry. A preliminary report issued by the Board of Grain Commissioners' Laboratory at Winnipeg indicates that the 1960 Prairie wheat crop, at an average of 14.5 per cent protein, will have the third highest protein level since the commencement of such surveys in 1927.

British Columbia. With harvesting of all major crops now under way or completed in British Columbia, the 1960 crop year can be described as a moderately satisfactory one. Grain and potato harvesting has been carried out under generally favourable conditions, with yields and quality reported fair to good in all sections. Some breakdown has been encountered with Elberta peaches, but late pears and apples are showing good maturity and sizing, with yields about average and well above those of a year ago. Pastures in all areas are reported in fair to good condition for this time of year.

MARITIME PROVINCES

Crops continue to suffer from drought in Prince Edward Island despite the fact that there were a few scattered showers during the past week. The potato harvest has started and it is expected that the yield will be considerably lower than a year earlier. The first frost of the season occurred on September 16, injuring vegetables in low-lying areas. The grain harvest has been completed and yields are expected to be about normal.

Our correspondent at Halifax reports that the Valley and west are experiencing excellent harvest conditions. Potato harvesting along with other vegetable crops is well advanced and yields are expected to be fair. The McIntosh apple harvest will start this coming week. Pastures remain short with slight improvement noted during the past week. Milk producers throughout the province, however, are feeding heavily. The Experimental Farm at Amherst reports that the harvest has been completed, with yields varying from average to very good. Oats are expected to yield 75 bushels per acre, barley 50 bushels and corn silage 12 tons per acre. Dry weather has restricted the normal growth of pastures, but occasional showers since September 10 have offset in part the effects of drought and reduced the danger from forest fires. In the centre of the province at Truro the weather has been cool since September 12. The grain harvest has been completed and the late potato harvest is under way. Tubers are now small but they may size following recent rains. The condition of pastures in the area is poor and dairy herds in the district are on a one-half to two-thirds winter feed program. In the Annapolis Valley at Kentville apple harvesting has begun, apple size being normal in some orchards to below normal in orchards on drier soils. The potato crop in the area will be below average due to drought, and scab is reported to be more serious than in other recent years. Pastures are bare and stored hay is being fed. Although yields of grain will probably be lower than average the quality is excellent.

Potato digging began in the area around Fredericton about September 12. The quality is good, but many potatoes are under-sized due to dry weather. The grain harvest is completed and the crop is high in quality and the yield is better than had been previously anticipated. Fall pastures are poor and late pasture production is not expected to be sufficient to reduce present rates of supplementary feeding. Many wells, springs and brooks are dry. Farther to the east at Perth our correspondent reports that the grain harvest is completed with above average yields and good quality. The late potato crop is being dug and quality is reported good with yields varying from average to light. Pastures are dry and little fall ploughing is being done due to dry weather.

QUEBEC

In the L'Assomption area east of Montreal threshing of cereals is completed, with good yields reported. Canning crop yields were slightly lower than last year due to drought, but quality is good. The sweet corn season is closing this week. The tobacco crops are all under cover with good to average yields and satisfactory quality reported. The honey crop was poor due to unfavourable weather conditions.

At St. Jean south of Montreal three inches of rain in September greatly improved growth of all crops following more than a month of severe drought. The first frost on September 15 caused varying degrees of damage to tomatoes, tobacco, string beans, potatoes and cucumbers. Apple picking is in full swing. Farther east at Lennoxville the weather is cool and wet, with 3.54 inches of rain falling to date in September. A good crop of cereal grain has been harvested and a fair crop of corn is being ensiled. Pastures are short. Frost on September 16 whitened corn leaves and killed soft growth.

East of Quebec City around Ste. Anne de la Pocatière cereal grains are all harvested, with good yields and quality reported. A heavy rain of 2.25 inches on September 13 will benefit pastures. Swedes and potato yields vary from poor to good, averaging about 50 per cent lower than last year.

Soil moisture conditions are satisfactory in the Lake St. Jean area, with the first frost being registered on September 15 and the first killing frost on the 19th. Grain crops are all cut, but little has been threshed so far due to showery weather. Yields of potatoes are excellent. Pastures are poor but aftermaths are good. Milk production is below normal for this time of year.

In the Baie des Chaleurs area the grain harvest is nearly completed, with very good yields of oats and mixed grains reported. At the Caplan Experimental Farm, threshing of an excellent grain crop was completed on September 9. August was very dry, with only 1.23 inches of rain recorded. Aftermaths, pasture growth and new seedings were seriously affected. Although 1.5 inches of rain have fallen to date in September, the land is still too dry for ploughing. No frost has been recorded as yet. Hurricane Donna which swept across the peninsula on September 12 brought only .98 inches of rain, although wind gusts up to 55 miles per hour were recorded at the peak of the storm. The average wind velocity was 39 miles per hour for 14 consecutive hours.

ONTARIO

In Wellington County of Western Ontario, a start has been made on harvesting of both flax and buckwheat. Although these crops were planted very late, first reports indicate a good yield of high quality grain. The first frost on September 13 did little damage to field crops but did affect some gardens in

low areas. Light rains during the past week lowered temperatures considerably but did little to relieve the drought. Pastures are very dry and supplementary feeding is being carried out in many instances. Winter-wheat seeding is under way in Waterloo County. Moisture is so badly needed that ploughing is becoming difficult. Purchases of wheat for seed would seem to indicate that the acreage will be somewhat higher this year. Cutting of corn for silage is just commencing.

About one-half inch of rain fell in Middlesex County on September 19, but the soil remains extremely dry. Ploughing has been impossible in many areas, and conditions are very dry for the germination of fall wheat. Pastures are short and many cattle are on supplementary feeding. Late-seeded crops generally have suffered. Combining of spring grains is practically completed and silo filling is becoming general. Harvesting of tobacco is nearing completion. Fall varieties of apples are moving to market well. Fairly general rains in Essex County on September 19 improved moisture conditions. Some soybeans and corn are ripening, but earlier dry weather has adversely affected the crops. The late tomato harvest is continuing and excellent yields are reported. Land is prepared for winter wheat and some seeding has been done. Silo filling is continuing. Sugar beets and pastures are expected to improve due to the recent rain. McIntosh apples and Elberta peaches are being harvested. Considerable local damage by hail is reported on all crops in the St. Joachim area while mild damage is reported to tomatoes and field crops in the Harrow area. Early-seeded soybeans on Pelee Island are maturing rapidly on short straw. Prospects are for about 75 per cent of an average yield. Later crops are podding well and prospective yields may be better. Seeding of winter wheat has commenced in Kent County and prospects indicate a larger than normal acreage. A few fields are already showing above ground. Harvesting of white beans is well advanced, with yields below average but quality good. Sugar beets are estimated to yield about 13 tons per acre, with a sugar content above average. Both corn and soybeans require more warm weather to aid in maturity. An isolated frost on September 14 damaged some crops. Harvesting of processing vegetables is well advanced, with both yields and quality reported to be good. Hail and early frost damaged late-harvest tobacco.

Conditions are very dry in Norfolk County and rain is urgently required for pastures and on land to be seeded to wheat and rye. Silage crops are good and late-planted corn is still growing and maturing. Harvesting of tobacco has been completed under most favourable conditions and yields are considered of record proportions. Apples are being harvested, and although yields are variable, the average will be good. In Lincoln County, a below average crop of Elberta peaches is being harvested with an unusually heavy infestation of oriental fruit moth. Apple ~~moth~~ is very prevalent on poorly sprayed apple and prune orchards. The codling moth has been generally well controlled in apples but is troublesome in some pear orchards. Harvesting of Niagara variety grapes is just beginning. A rainfall of 1.25 inches somewhat relieved the extensive drought.

Harvesting operations are almost completed in Peterborough County. Winter wheat is now being seeded under good conditions. Silo filling is under way although some of the crop is immature. Frost has not damaged the corn crop seriously. Pastures are in good condition.

In Leeds County of eastern Ontario soil is very dry and general rains are required. Heavy frost on September 15 damaged most corn and garden crops. Silo filling operations are general and most corn is reported to be a poor crop. Combining and threshing of grain crops is completed. Oats were reported to vary from fair to good. New seedings do not look very promising. Fall ploughing is difficult due to the dry weather. Harvesting operations are nearly completed in Dundas County. Yields of grain were good on early-seeded fields but only fair

on late crops. Pastures are poor and silage corn is only about 60 per cent of normal. Apples are yielding below normal but quality is good. Rain is badly needed in most areas of Renfrew County. Germination of winter wheat is very slow. Seventy-nine kilns of flue-cured tobacco have been harvested from one hundred acres with no frost damage reported. Frost on September 15 killed potato tops. Very few potatoes have been harvested to date. Harvesting of silage corn is under way.

A report from Kapuskasing indicates that grain harvesting was completed on September 14. Approximate yields were: 43 bushels per acre for barley and 53 bushels for oats. Pasture aftermath is still growing and legume stands are in excellent condition. Fall ploughing is proceeding satisfactorily. The first severe frost occurred on September 15.

MANITOBA

Harvesting of wheat and coarse grains in Manitoba is practically completed, except for the Interlake region. A week of fine weather should see it completed in this area. Flax is from 20 to 50 per cent harvested. In many parts of the province yields of cereals are above average, with some exceptionally high yields of oats. Rapeseed and late-sown barley are not so good. Grades are fairly uniform throughout the province, with most wheat grading 2 and 3 Northern, while much of the barley is grading either 3 C.W. or 1 to 2 Feed. Sugar beets are yielding 9 to 10 tons per acre. Recent showers have greatly improved pastures throughout the province. Hail has not been serious this year, although grasshoppers were quite a problem. Heavier than usual infestations of wild oats resulted from lack of fall field work in 1959.

Harvesting is completed except for some late-sown flax and sunflowers in the Vita district in southeastern Manitoba. Yields are about 23 bushels per acre for wheat, 35 for oats, 20 for barley and 8 for flaxseed. Fall cultivation is in full swing although in some cases, the land is too dry for fall ploughing. At Altona, continued warm, bright weather during the last ten days has advanced the flax harvest which is now practically completed. Harvesting of sugar beets started on September 12 and has continued uninterrupted since that date. The weather has been ideal for harvesting potatoes, which are also well advanced. Sunflowers are maturing satisfactorily and fall field work is well advanced. The wheat harvest is practically completed at Morden while coarse grains are 90 per cent finished and flax 25 per cent. Yields and grades are satisfactory. The average yield of flaxseed is from 8 to 10 bushels per acre. Special crops are progressing favourably and moisture conditions are just right for fall work which is being accomplished rapidly.

Farther west at Pilot Mound, harvesting operations are practically all completed with the exception of the flax and late-seeded coarse grains. Fall tillage is well advanced. Pastures vary from poor to fair but there are good supplies of hay and straw throughout the area.

At Beauséjour, east of Winnipeg, the wheat and barley harvest is nearly completed while about 10 per cent of the oats remain unthreshed. Though yields are below average in this district, the quality of grain is good. Flax is nearly all swathed and 20 per cent has been threshed. Fall field work is far more advanced than at this time last year. Wheat and barley harvesting is nearly completed at Portage la Prairie while oats and flax are 75 and 25 per cent completed, respectively. Peas and sugar beets are being harvested. Wheat is yielding 25 to 30 bushels per acre, barley 30, peas 20 to 25, and sugar beets are fair. Some other special crops are also being harvested. Farmers have completed a considerable amount of fall cultivation. Pastures are in fairly good condition.

The Experimental Farm at Brandon reports that dry, warm weather has been favourable for the completion of harvest. Combining is practically finished in the district with the exception of some flax which is still in the swath. Fall cultivation and ploughing is now under way. Soil moisture conditions are about normal for this time of year but moisture supplies under the sod are somewhat lacking.

In west-central Manitoba at Minnedosa harvesting is being completed rapidly with 90 per cent of the cereals finished. Harvesting of flax has started but only to a very limited extent. Yields are very satisfactory, wheat averaging 35, barley 40 to 45 and oats 55 bushels per acre. Wheat is grading No. 3 on the average and several carloads of barley have been accepted for malting. Hay is in good supply in contrast to the situation last year.

Elsewhere in the province, except in the Interlake area, harvesting of cereals is nearing completion. In the Interlake area approximately 25 per cent remains to be done.

The Entomological Laboratory at Winnipeg reports that the grasshopper egg survey is now under way. The extent of egg deposit equals or exceeds the adult infestation. Prospects are for an increase in grasshopper infestation for 1961.

Average precipitation since April 1 has been 15 per cent below normal as compared with 12 per cent below normal a week ago, 9 per cent below normal two weeks ago and in contrast to 3 per cent above normal for the same period last year. The mean temperature for the week ending September 19 was 0.9 degrees above normal compared with 0.9 degrees above normal a week ago, 9.0 degrees above normal two weeks ago, and 5.1 degrees below normal for the week ending September 21, 1959.

SASKATCHEWAN

In Saskatchewan harvesting of wheat is 95 per cent completed while 91 per cent of the coarse grains have been harvested. Good weather during the past week resulted in most farmers in southern and central districts completing operations. About 15 per cent remains to be done in the northeast part of the province. Showery weather has delayed operations in some districts in the northwest and only 30 per cent of the wheat and 50 per cent of the coarse grains have been threshed in the Shellbrook-Turtleford-Meadow Lake region. Although some farmers are waiting for a frost before completing the flax harvest, about 50 per cent of the crop has been taken off. Some 75 per cent of the rapeseed has been harvested.

In the southeast part of the province in the Fillmore district harvesting of cereals is practically completed and approximately one-third of the flax has been threshed. Some late-sown coarse grain crops are maturing well. There has been limited frost damage in low-lying areas. In the Indian Head district combining of wheat, oats and barley is now completed and yields and grades were much better than expected when harvesting started. Combining of flax is just getting under way. The weather has continued warm and dry and farmers are tilling some of their stubble fields with cultivators and discers to promote weed growth. Pastures are now extremely dry, but livestock are in good condition following the excellent pasture conditions this summer and fall.

In the southwest part of the province at Swift Current, harvesting of cereal crops is essentially completed. The flax harvest is being delayed until a killing frost freezes weeds, secondary growth, and green flax stems. The

anticipated average yield of flax is 8 bushels per acre. Pastures are average for this time of the year. Harvesting of cereal grains is also completed in the Leader District. Wheat yields were light, ranging from 10 to 12 bushels per acre. A small proportion of the flax crop remains to be harvested as producers are waiting for a killing frost.

In the east-central part of the province at Togo harvesting is completed and grains were generally harvested in good condition. On second-crop fields, volunteer growth of cereals was a problem because of poor germination last fall due to lack of field work. Fall field work is well advanced this year but rain is needed to promote weed and grain germination and to build moisture reserves. Canada thistle is more prevalent than normal in the district. At Willowbrook, threshing of all grains is completed with an average crop having been harvested. Fall working of summerfallow and stubble fields is well under way. Moisture conditions are very dry and rain is needed urgently to promote fall growth and improve land working conditions. High winds have caused soil drifting.

In the west-central part of the province our correspondent at Rosetown reports the harvest 98 per cent completed. Yields overall were slightly better than normal. Wheat kernels are small but the quality is good. Barley, in many cases, is not suitable for malting but the durum and flax samples are quite good. The weather remains dry. Farther north at Meota all barley and oats have been threshed while 90 per cent of the wheat has been threshed. Pastures are very good and garden crops are excellent.

The Experimental Farm at Melfort in the northeast part of the province reports that ideal fall weather has permitted completion of 90 per cent or more of the harvest. Considerable fall work has also been completed. Estimated yields of wheat are 26, barley 35, oats 50, and flax 10 to 12 bushels per acre while rapeseed is running from 700 to 900 pounds per acre. Most wheat is grading 2 Northern. Little frost has been reported as yet. At Nipawin some 65 per cent of an average yielding crop has been harvested. Wheat and oats are of good quality but the barley and rapeseed samples are below normal. Grass seed crops have yielded well. Harvest weather has been only fair and 25 per cent of the wheat was taken off tough. Field conditions are dry. Potato crops were good.

The Saskatchewan Municipal Hail Insurance Association reports hail storms at the following principal points: Kenaston, Hirsch, Govan, Hanley, Allan, and Kinistino. The number of claims for the season almost equalled that of last year and was about average for the past number of years. However, indemnity payments were considerably less this year because many of the storms occurred early in the growing season.

Average precipitation for the province since April 1 has been 13 per cent below normal compared with 10 per cent below normal a week ago, 7 per cent below normal two weeks ago, and 7 per cent below normal a year ago. Mean temperature for the week ending September 19 was 4.4 degrees above normal compared with 0.2 degrees below normal a week ago, 7.7 degrees above normal two weeks ago, and 4.1 degrees below normal for the week ending September 21, 1959.

ALBERTA

The cereal crop harvest is nearing completion from Drumheller south and thence to Vermilion and Edmonton. Operations are well advanced between Edmonton and Athabasca. East and west of Edmonton unsettled weather, however, has interfered with threshing, but swathing is almost completed. The situation varies in the Peace River country but on the whole progress has been good. Heavy rains have fallen this week in areas most in need of dry weather. A good percentage of wheat is grading 2 Northern in the south, 3 Northern in the central areas and 3 to 4 Northern in northern and Peace River districts. A satisfactory sugar beet crop is now being lifted. Potatoes are a fair crop and the canning corn harvest is about completed. Livestock are in good condition, with the feed situation generally satisfactory. A good crop of excellent second-cut alfalfa has been put up.

Harvesting was completed three weeks ago in the Manyberries area, with most of the straw being baled for feed. Range vegetation is good and livestock are in satisfactory condition. Around Medicine Hat the grain harvest is completed except for a small amount of flax. The onion, sugar beet, sunflower and bean harvests are under way. The hay situation is good and livestock are in fair condition.

The Research Station at Lethbridge reports that harvesting of grain crops south of Calgary is almost completed. Yields appear to be below average, but quality is satisfactory. Yields are low in the extreme east and west of this area. Many flax fields are being swathed, but some farmers are waiting for a killing frost to permit straight combining. An average crop of sugar beets is being harvested. Harvest is completed in the Cardston area, with all grains in good condition. Yields were fair. Fall grains are germinating well. Livestock are in good condition, but there is a shortage of hay and oats. Fall cultivation is making good progress.

Threshing of wheat and coarse grains is completed in the Claresholm area of southwestern Alberta. The flax harvest is 80 per cent completed. All grains were threshed in dry condition, with wheat averaging 10 to 30 bushels, and flax 9 bushels per acre. Grasshoppers did considerable damage to flax.

At Vulcan in the south-central part of the province 25 per cent of the flax remains to be harvested, the delay being mainly due to hail damage. Feeders are starting to buy oats and barley now, as supplies are going to be short this season. Considerable quantities of oats and barley straw are being baled for winter use.

Harvesting is nearly completed in the Calgary area with all grain turning out dry and of good quality. Average yields are estimated as follows: wheat 21; oats 41; barley 33; flax 12; and rye 23 bushels per acre. The harvest is almost completed in the Olds area. Grains were all threshed in dry condition and yields were very good. Our correspondent considers this to be the best crop in years for this district.

In the Sedgewick area of central Alberta rain has halted harvest for the time being. However 75 per cent of the wheat has now been threshed, with an average yield of 23 bushels per acre. Oats and barley average 80 per cent threshed, with oats yielding 40 bushels and barley 35 bushels per acre. One more week of dry weather is needed to complete harvest. Farther south at Donalda harvesting is 60 per cent completed. Yields and sample have been good. The weather has turned wet this week and it will be some time before threshing can be resumed.

Harvesting is 90 per cent finished in the Red Deer district, with rain now holding up completion. Yields and grades are very satisfactory. The second cut of hay is virtually completed, but quality is only fair. Fall cultivation is under way. Farther west at Eckville 1.5 inches of rain fell on September 19 and 20. Combining is 80 per cent finished and the second cut of alfalfa is completed. Summerfallows are in fair to good condition and pastures are fair. Fall cultivation has started.

East of Edmonton at Vermilion 60 per cent of the harvest has been completed but operations are now halted due to showers. Most of the grain already combined has been stored in dry condition. Rain has stopped harvesting operations for the remainder of the week in the Stony Plain area west of Edmonton. About 70 per cent of the grain crop has been harvested in this district and about 20 per cent of the second hay crop remains to be baled and stored. Northeast of Edmonton around Bonnyville excessive moisture is creating a critical harvesting situation. Two inches of rain fell on the night of September 19 and it will be 10 days before threshing can be resumed. Only about 10 per cent of the crop is in the bin and grain quality is only fair. Serious damage from weathering and ducks is anticipated.

The Experimental Farm at Beaverlodge in the Peace River area reports that harvesting is proceeding satisfactorily and will be nearly completed by the end of this week if the weather holds. In the northern part of the Peace River area harvest is 65 per cent completed and is about 80 per cent done from Peace River to Fairview. The Manning-North Star area is very wet. Wheat yields have averaged from 20 to 25 bushels and barley and oats from 20 to 35 bushels per acre. Rapeseed yields vary from 500 to 1500 pounds per acre. Most grains have threshed out very dry. No legumes are harvested as yet. Around Fort Vermilion in the far north of the province dry weather has permitted threshing to proceed rapidly except for delays caused by heavy dews. Rapeseed threshing is 80 per cent completed, with yields averaging about 900 pounds per acre. Coarse grain threshing is 70 per cent completed and wheat 60 per cent. Flax threshing is just beginning, with an average yield of 15 bushels per acre indicated. No killing frost has occurred as yet.

The Alberta Hail Insurance Board states the damage was reported during the season on 22 per cent of their policies, with 8.3 per cent of the risk being destroyed.

Average precipitation for the province since April 1 has been 9 per cent below normal as compared with 7 per cent below normal a week ago, 5 per cent below normal 2 weeks ago and 2 per cent above normal a year ago. Mean temperature for the week ending September 19 was 6.0 degrees above normal compared with 1.6 degrees above normal a week ago, 2.0 degrees above normal two weeks ago and 1.3 degrees below normal for the week ending September 21, 1959.

BRITISH COLUMBIA

Harvesting of cereal grains is almost completed in the Creston region of British Columbia, with yields below average. Early apples are being picked now and slightly lower than average yields of McIntosh and Delicious are expected.

Harvesting of McIntosh apples is at its peak in the south Okanagan Valley and should finish this week, with the drop accounting for a 10 to 20 per cent loss. Grapes for fresh market have already started. Prune harvesting has passed its peak with about average yields. Red Delicious apples are starting in Oliver-Osoyoos area, while Anjou pears are being picked in Kelowna area.

Weather continues dry in the Victoria region. Grass is making moderate recovery and pastures and hay are also improving. Fall planting of cereals and forage crops is well advanced. Above average yields of excellent quality late potatoes are expected.

Abnormally cold and wet weather is reported from the Central Interior region of British Columbia. Although grain yields were poor the crop was harvested in dry condition. Grass and legume crop yields are good to fair. The second crop of hay is slow growing and fall pasture is only fair. Newly seeded forage crops are very well established. Thirty per cent of the cereal crops around Williams Lake is lodged due to a brief snow fall in the early part of the month. Twenty-five per cent has already been harvested, with yields above average. Forage seeds have not been threshed yet but yields are expected to be average. The potato harvest has started promising yields above those of a year ago.

Harvesting is general in the Peace River area, with barley 85 per cent, wheat 60 per cent and oats 20 per cent completed. Clover crops are very variable with little harvesting done so far. Weather is generally good. A killing frost occurred on September 16 in most areas.

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m.	Total since	Normal since	Week ending 8 a.m.	
		Sept.19,1960	April 1	April 1	1960	Normal
		- inches -			- degrees F. -	
<u>MANITOBA</u>						
1	Pierson	nil	10.30	12.13	58	54
	Waskada	nil	10.46 ^{2/}	13.44	54	55
2	Boissevain	.12	11.08	12.57	56	54
	Deerwood	N.R.	8.83 ^{2/}	12.66	N.R.	54
	Ninette	.14	10.12	13.04	54	54
	Pilot Mound	.18	10.60	13.10	55	56
3	Portage la Prairie	.17	10.55	12.80	57	55
	Graysville	.16	11.92 ^{2/}	12.15	56	55
	Morden	.14	10.25	12.94	58	56
	Altona	.12	9.86	12.61	55	56
	Morris	.07	10.28	11.94	58	56
	Roland	.16	10.41	12.58	56	55
	Gretna	.05	8.98	12.80	58	56
	Emerson	.10	10.70	12.75	57	56
	Stonewall	.20	12.80	12.58	53	55
4	Winnipeg	.06	9.95	12.57	55	55
5	Sprague	.14	13.96	14.34	51	52
	Seven Sisters Falls	.03	10.82	12.22	54	53
	Steinbach	Trace	12.82	13.03	54	56
7	Virden	.07	11.98	11.83	56	54
	Reston	.09	7.39	12.23	57	54
	Pivers	.24	11.08	13.36	56	54
8	Brandon	.18	11.96	13.44	56	53
	Cypress River	.17	9.26	12.32	57	54
9	Neepawa	.09	10.23	12.53	54	54
	Grass River	Trace	8.29	12.94	54	55
10	Russell	.13	8.54	11.34	53	51
	Rosburn	N.R.	10.67 ^{2/}	11.66	N.R.	52
	Birtle	N.R.	11.62	12.19	N.R.	52
11	Dauphin	.02	9.75	11.66	55	55
12	Gimli	.25	17.23	12.58	54	54
13	Swan River	.01	10.16	11.62	53	51
	The Pas	.70	8.24	10.66	50	51
MANITOBA AVERAGE		.13	10.66	12.47	55.1	54.2

SASKATCHEWAN

1A	Estevan	nil	9.25	12.14	60	55
	Carlyle	nil	9.56	11.42	56	52
	Cowbo	nil	9.50	11.88	54	54
	Willmar	Trace	10.01	11.37	N.R.	N.R.
1B	Broadview	.09	8.28	12.43	55	51
	Moosomin	.08	10.13	12.53	55	53
2A	Yellow Grass	N.R.	8.33 ^{2/}	10.73	N.R.	54
	Creelman	Trace	11.03	11.00	57	53
	Weyburn	.01	8.84	10.93	59	54

Precipitation and Temperature Data, Prairie Provinces^{1/}

Province and Crop District Station	Precipitation			Mean Temperature		
	Week ending	Total	Normal	Week ending 8 a.m.		
	8 a.m.	since	since	September 19		
	Sept. 19, 1960	April 1	April 1	1960	Normal	
			- inches -	- degrees F. -		
SASKATCHEWAN (continued)						
2A	Midale	nil	7.81	10.62	57	54
2B	Moose Jaw	.03	8.25	9.88	61	55
	Regina	.06	11.36	10.31	59	53
	Francis	N.R.	7.61 ^{2/}	10.06	N.R.	53
	Qu'Appelle	.05	8.95	11.45	55	53
	Indian Head	.02	6.76	10.64	57	53
	Wilcox	.04	10.58	10.45	59	53
3AS	Assiniboia	nil	9.74	10.16	61	54
	Ormiston	.03	10.26	10.56	60	54
	Readlyn	N.R.	12.63 ^{2/}	10.56	N.R.	53
	Minton	N.R.	11.05 ^{2/}	11.51	N.R.	54
	Cardross	Trace	13.52	10.39	61	54
	Ceylon	Trace	6.23 ^{2/}	11.86	57	54
3AN	Chaplin	Trace	7.43	9.17	59	53
	Gravelbourg	.05	10.71	9.83	60	54
	Coderre	N.R.	9.57 ^{2/}	9.91	N.R.	54
3BS	Shaunavon	.05	8.63	8.99	60	54
	Cadillac	N.R.	7.58 ^{2/}	10.12	N.R.	53
	Pambrun	.07	10.28	10.32	59	54
	Aneroid	.04	6.96	9.22	59	54
	Instow	.05	7.68	9.43	59	54
3BN	Pennant	.02	9.03	9.03	60	54
	Swift Current	nil	10.57	10.28	61	54
	Hodgeville	N.R.	7.54 ^{2/}	10.21	N.R.	54
	Hughton	Trace	6.65	8.57	61	54
4A	Maple Creek	N.R.	8.31 ^{2/}	9.00	N.R.	54
	Consul	Trace	5.21	8.06	56	52
4B	Abbey	nil	6.88 ^{2/}	8.27	60	54
5A	Cupar	.03	9.70	9.82	58	53
	Leross	N.R.	3.41 ^{2/}	10.70	N.R.	49
	Lorlie	.03	8.39	10.70	54	49
	Melville	.04	5.92	10.72	55	52
	Yorkton	.12	5.85	11.00	55	52
	Bangor	.05	5.32	11.03	55	52
5B	Dafoe	Trace	9.14	12.04	57	52
	Foam Lake	N.R.	8.05 ^{2/}	11.21	N.R.	52
	Lintlaw	.04	10.99	11.12	54	50
	Kamsack	.01	5.48	10.85	55	52
	Arran	Trace	6.58	11.01	53	51
6A	Dilke	Trace	7.94	8.94	N.R.	N.R.
	Imperial	nil	5.87	9.21	59	53
	Semans	nil	7.78	8.70	58	53
	Strasbourg	N.R.	8.87 ^{2/}	9.77	N.R.	53
	Watrous	nil	7.65	8.87	56	53

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature		
		Week ending 8 a.m.	Total since April 1	Normal since April 1	Week ending 8 a.m. September 19		
		Sept. 19, 1960			1960	Normal	
		- inches -			- degrees F. -		
<u>SASKATCHEWAN</u> (concluded)							
6B	Harris	N.R.	7.15 ^{2/}	8.71	N.R.	52	
	Outlook	nil	5.50	8.16	57	54	
	Saskatoon	Trace	6.89	9.88	58	53	
	Elbow	nil	7.39	8.15	58	53	
	Tugaske	nil	6.76	9.21	59	53	
	Dundurn	nil	7.37	9.01	59	53	
	Rosthern	nil	10.07	9.92	56	52	
7A	Alsask	nil	6.21	7.88	60	52	
	Kindersley	nil	7.40	8.36	59	52	
	Rosetown	nil	9.86	9.49	58	53	
7B	Macklin	Trace	9.52	9.22	58	52	
	Scott	nil	7.21	9.32	56	51	
	Biggar	.02	11.27	9.37	59	53	
8A	Hudson Bay	Trace	10.87	11.10	52	50	
	Porcupine Plain	nil	16.57	10.92	53	52	
	Prairie River	Trace	11.26	10.81	51	52	
8B	Humboldt	.02	8.24	9.01	56	52	
	Melfort	Trace	8.77	10.54	55	51	
9A	North Battleford	.03	8.72	9.13	57	53	
	Victoire	N.R.	10.27 ^{2/}	9.83	N.R.	49	
	Prince Albert	.03	9.04	10.50	53	51	
	Island Falls	.20	10.98	11.86	48	49	
9B	Waseca	.10	11.19	9.56	56	50	
	St. Walburg	.04	11.86	10.07	53	49	
SASKATCHEWAN AVERAGE		.02	8.82	10.12	57.0	52.6	
<u>ALBERTA</u>							
1	Empress	nil	3.80	6.63	60	55	
	Foremost	.05	6.78	9.46	60	54	
	Hanna	.01	8.10	8.91	61	51	
	Manyberries	.09	6.89	7.13	61	55	
	Medicine Hat	Trace	6.85	8.60	61	56	
	Naco	nil	11.90	8.33	56	52	
	Winnifred	N.R.	6.93 ^{2/}	7.83	N.R.	N.R.	
	2	Brooks	.09	6.58	8.62	58	53
		Drumheller	.06	6.47	8.71	59	54
		Gleichen	.25	5.66	9.61	58	52
Hays		.11	5.78	8.31	59	56	
Hussar		N.R.	7.72 ^{2/}	9.27	N.R.	N.P.	
Raymond		.12	8.65	10.10	60	52	
Lethbridge		.09	7.63	10.42	62	54	
Strathmore		N.R.	9.41 ^{2/}	10.57	N.R.	51	
Taber	.13	7.48	9.04	59	50		
	Three Hills	.06	6.53	10.56	56	50	



1010505140

- 1V -

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m.	Total since	Normal since	Week ending 8 a.m.	
		Sept.19,1960	April 1	April 1	September 19 1960	Normal
			- inches -		- degrees F. -	
ALBERTA (concluded)						
2	Trochu	.05	5.66	11.32	55	53
	Vulcan	.18	6.90	9.81	58	51
3	Calgary	.11	10.17	12.19	56	52
	Cardston	.47	7.47	11.10	59	52
	Cowley	.12	5.35	11.29	61	51
	Fort MacLeod	.30	7.63	11.19	59	55
	High River	.21	8.30	13.01	55	50
	Jasper	.13	10.78	8.11	56	50
	Magrath	.10	9.59 ^{2/}	10.81	61	54
	Olds	Trace	9.71	12.52	57	50
4	Alliance	Trace	10.39	10.90	59	49
	Camrose	.26	9.87 ^{2/}	10.62	55	50
	Coronation	Trace	6.86	10.35	58	51
	Hardisty	nil	5.94 ^{2/}	10.38	56	N.R.
	Hughenden	.06	7.93	10.11	56	51
	Lloydminster	.02	11.23	9.57	57	51
	Stettler	.11	6.72	11.60	57	49
	Vegreville	.17	9.14	10.70	56	53
	Vermilion	.01	9.81	11.70	56	50
5	Edmonton	.18	13.18	12.05	58	51
	Lacombe	.20	9.71	13.00	55	50
	Red Deer	.14	11.43	11.96	57	50
	Rocky Mountain House	.31	12.34	16.48	56	49
	Wetaskiwin	.29	14.29	12.04	57	50
6	Athabasca	.23	17.37	10.99	56	49
	Campsie	.12	14.62	12.56	53	49
	Dison	.20	13.57	13.84	55	49
	Elk Point	.18	16.25	10.39	55	48
	Embarras	.06	8.58	9.10	55	48
	Lac la Biche	.09	14.33	11.31	56	51
	Whitecourt	.06	13.79	14.34	54	48
7	Beverlodge	nil	13.61	9.80	53	50
	Berwyn	.01	8.12 ^{2/}	9.20	50	48
	Fairview	.14	7.64	9.88	55	50
	Ft. Vermilion	nil	10.56	7.99	56	48
	Grande Prairie	.02	11.68	9.29	56	50
	High Prairie	Trace	9.72	11.19	54	50
	Pycroft	N.R.	13.75 ^{2/}	9.33	N.R.	50
	Wagner	N.R.	14.94 ^{2/}	10.89	N.R.	49
ALBERTA AVERAGE		.11	9.49	10.46	57.0	51.0

N.R. - No report.

1/ - Source: Meteorological Service of Canada.

2/ - Incomplete; not included in average.