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## Field Crop Reporting Series — No. 12

### TELEGRAPHIC CROP REPORT — CANADA

This is the fourth of the 1973 series of six telegraphic reports issued by Statistics Canada, covering crop conditions throughout Canada. Included in this report is the eighth of a series of eleven 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 Atmospheric Environment Service, Environment Canada.

### SUMMARY

Maritime Provinces. — In the Maritime Provinces the continuous heavy rainfall has greatly hampered the harvesting of most crops. Hay is maturing very rapidly, quality is deteriorating and several days of good weather are required before full haying operations can resume. In Prince Edward Island the potato crop appears promising with no late blight reported. In Nova Scotia late-seeded corn and grain are reported to be poor. New Brunswick reports the strawberry yield dropped considerably this year. The tobacco crop looks good and apple crop prospects are fair.

Quebec. — Temperatures have been above normal during the past two weeks. While there have been frequent showers, there has been no excessive rainfall. With a few rare exceptions soil moisture reserves are adequate and weather conditions have generally been favourable for all crop growth. However, in certain parts of the province the weather has hindered haymaking. In the southern counties about 75 per cent of the hay has been put up but elsewhere progress is less advanced. Average to very good yields are reported but with reduced quality. However, in certain districts, as a result of the frequent showers, most grain crops look good especially those on well-drained soils. In some districts, there are reports of cereals heading out on short straw and in these cases some reduction in yield is anticipated. Corn has benefited from favourable growing conditions but there is considerable variation in development depending on the effectiveness of drainage. Potato growers are starting

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to dig the early crop in the Montreal district with good yields reported. Tobacco fields look promising although development is somewhat later than usual. Strawberry growers are almost finished picking with good yields and very satisfactory quality reported. Raspberry picking is now starting. Pasture conditions vary from good to excellent and milk production is being maintained at a high level.

Ontario. - Little rain has fallen in the past two weeks in the southern part of the province. Harvesting of first crop hay is almost completed with more acreage than usual cut for haylage. Recently cut hay fields have shown slow regrowth because of hot, dry weather. Harvesting of winter wheat has started in Essex and Kent Counties and will be general throughout Southern Ontario by the end of next week. Corn is growing rapidly and varies from two to five feet. Spring grains have headed and current conditions indicate that good yields are anticipated. However, general rains are needed to promote continued development. In Eastern Ontario many fields intended for corn did not get planted. The hay harvest in this region varies from average to excellent. In Northern Ontario hay harvesting has been delayed in many areas due to rain while conditions for crop growth are very good.

Prairie Provinces. - Favourable growing conditions are reported in the prairies outside of rather extensive areas of Southwestern Alberta, Southwestern and West-central Saskatchewan and Western Manitoba where weather conditions are dry and rain is needed. Recent hot weather and winds have aggravated conditions in the dry districts. Elsewhere crops are developing well and the outlook is promising. Grains are heading and oilseeds are in bloom with the earlier sown fields podding. Haying is under way with varying yields reported.

#### RUST REPORT

The Agriculture Canada Research Station at Winnipeg reports that the cereal rust situation has not changed much in the last week. The leaf rusts of wheat and oats are present in Manitoba and eastern Saskatchewan but infection becomes less severe to the west and north. Wheat leaf rust infections are light and with much of the crop heading or headed the chances of serious damage are decreasing. However, there is still time for damaging infection to develop especially in late fields. Light infections of Oat Crown Rust are also present and could develop in time to cause losses. The stem rusts of wheat and oats have not yet been observed in Western Canada.

British Columbia. - Continued warm weather has been general throughout the province bringing with it excellent growing conditions. Soil moisture content is adequate but pasture growth has been retarded as a result of unfavourable spring weather. Hay has been of only average quality with lighter than normal yields. At the Coast greenhouse tomato and cucumber crops are finishing off and a good average crop of early potatoes is now being lifted. Lettuce production is in full swing as are all other green vegetables. The strawberry harvest is completed and raspberries, loganberries and blueberries are now being picked, with average yields reported. Thus far, cranberry bogs are reported in excellent condition with fair to good yields in prospect. Reports from the Okanagan indicate that cherry harvesting is now passing its peak. Good crops of apricots and early peaches are now coming off. The main apple and pear crops are maturing satisfactorily with an increased yield forecast for both, the latter in particular. Field cucumbers and tomatoes are now available but have been late maturing due to earlier cool temperatures. Reports from the Peace River Block point to generally good growth in all grain and forage crops following very heavy June rains.



### MARITIME PROVINCES

In Prince Edward Island intermittent wet weather has delayed haying with only a small percentage reported in storage. Yields range from average to below average. Pasture growth is good where fertilized. The potato crop looks promising with no late blight reported but spraying is being carried out. The strawberry harvesting is being hampered by wet weather and only fair yields are reported. A short harvest season is anticipated. The harvesting of a good crop of peas is just commencing. Cole crops are now being transplanted. The tobacco crop is making satisfactory growth and the outlook is promising.

Throughout Nova Scotia heavy rains have delayed harvesting operations. The hay crop looks good but there will be some loss in quality due to the wet conditions. Haying is under way but only 25 per cent has been harvested. Early-seeded grains look good and are beginning to head. Vegetable crops are generally good but some carrots were lost in the Cape Breton area due to the rainfall. The first early potatoes will be dug in the Annapolis Valley this coming week. Blueberries in some areas are starting to ripen and the crop appears good. The strawberry harvest is almost completed. In the area around Amherst excessive moisture conditions have delayed field operations. The harvesting of silage is very slow and little hay has been harvested to date. In the region around Truro the hay crop looks good although harvesting is at a standstill due to the wet weather and soft fields. Grain crops are in the blade stage. The strawberry crop is below average but blueberries look promising. Pastures are generally above average.

In New Brunswick it is reported that the continuous high humidity and excessive moisture during the past two weeks have rendered hay harvesting next to impossible. Some farmers have reported hay rotting in the field after cutting due to the high moisture. Haylage harvesting is completed with excellent yields reported. The tobacco crop is growing well. Harvesting of strawberries will be completed by the end of the week. The crop has been reported as light in all areas of the province and fruit rot problems have been encountered in the harvested crop. Early vegetables such as beets, cabbage, rutabagas, lettuce and peas are being marketed in increasing quantities. Early potatoes and green onions will appear on markets this week. The apple crop prospects are fair and a slightly above-average July drop was reported. In the Perth area warm weather and persistent showers have almost stopped haying operations. A good crop is possible if weather co-operates. Farmers are storing haylage. Weather has delayed spraying operations and caused difficulty in cultivating and hilling the potato crop. In general this crop does not appear good due to the moisture conditions. Heavy losses are reported in the strawberry crop due to fruit rot.

### QUEBEC

Reports from the L'Assomption district indicate that both cigar and flue-cured tobacco crops appear very good. Irrigation was necessary on some of the flue-cured crop. Heavy rains in June amounting to 6.35 inches at Ste. Clothilde have only worsened the damage to vegetable crops which occurred in May. As a result, onion acreages will be reduced by 20 to 50 per cent. The weather delayed planting operations and by June 20 only half the carrots had been sown. By July 9 early potato digging had started. Reduced supplies and strong demand are resulting in firm prices. Supplies of lettuce are very erratic as a result of the delayed planting. The quality is average with yields low and high prices being reported. Growers are also encountering difficulties with the celery crop because of the late planting.

In the Rock Forest district weather conditions were generally favourable for haying last week, although in certain localities showers held up operations. Many farmers have finished their haying and in general 70 per cent of the hay is now stored in the western part of the district but only 15 per cent in the eastern section. Quality is good and yields are excellent. Grain crops are showing normal development and silage corn is very good on well-drained soils but only average under other conditions. Strawberry picking is nearly finished with good yields reported despite earlier indications. Temperatures have been normal with cool nights. Pastures are very good.

At La Pocatiere daily showers and very humid conditions have delayed haying during the first two weeks of July and only 25 or 30 per cent of the hay has been put up to date. Grains and new potatoes are developing well and pasture conditions are average.

Frequent rains in the Lac St Jean district have held up haying operations and will reduce the quality of the crop. However, yields are above normal, heavy weed growth is reported in forages sown this spring without a nurse crop. All crops are benefiting from the soil moisture reserves and warm temperatures. Grains, sugar beets and rapeseed all appear promising. Milk herds are in good condition and milk production is excellent.

#### ONTARIO

In Essex county of Southern Ontario farmers have enjoyed dry weather for harvesting of wheat and yields are averaging about 40 to 45 bushels per acre. However, a good rainfall is needed to promote growth of other crops. In areas where poor drainage exists compounding and crusting of the soil has occurred and emergence of both corn and soybeans has been a problem. Early corn and potatoes have just started moving to market. Warm, humid weather has promoted excellent growth in Kent county. Harvesting of wheat commenced on July 9 and de-tasseling of seed corn began about July 12. Picking of cucumbers is under way. In Middlesex county harvesting of wheat has commenced in southern districts. Side dressing of nitrogen is still being applied to late-planted corn. Rainfall is badly needed to promote crop development. In Norfolk county warm and generally dry weather has promoted rapid growth in most crops. Harvesting of wheat will commence soon and fair yields are anticipated. Growth of corn has been rapid but wilting has occurred in some areas. The tobacco crop is well advanced and is now being irrigated. Prospects for spring grains have improved although the crop still varies between average and below average. Hay is abundant but the crop is generally late.

In Simcoe county of Western Ontario the hay crop is above average especially with regard to quality. Corn is in varying stages of development while spring grains have headed. Wheat is ripening very quickly. Haying operations are about 75 per cent completed and, although yields have been excellent, considerable loss of quality has occurred due to rain. Aftermath is progressing well. Corn and spring grains vary from good to excellent. Barley is now changing colour and leaves on winter wheat are drying prematurely. Although yields should be quite good quality of the grain may be reduced. Armyworms have been reported in both grain and corn. Pastures are drying up and, as a result, milk flow has been reduced. A good general rain is needed throughout the county.



In Durham county of Central Ontario growth of the corn crop has improved during the past week but rain is needed to promote development of most other crops. Some farmers have completed haying while others still have a considerable acreage to cut. Strawberry yields were generally good. Some of the canning peas will not be harvested for processing as they will be too late in maturing. In Peterborough county haying operations are nearly completed due to good harvesting weather during the past week. The corn crop is developing well and will soon be in the tassel stage. However, all crops are in need of rain.

In Leeds county of Eastern Ontario excellent weather has permitted farmers to harvest good quality hay and yields have been above average. Winter wheat and early-seeded grain are beginning to ripen. Corn is progressing well with a few fields in the tassel stage. Showers are needed to promote growth of second-crop hay and to sustain pastures. Recent weather in Carleton county has been ideal for harvesting hay as well as development of most crops. Corn is growing well except where moisture supplies have been excessive. A few fields of spring grains are ripening and yield prospects look good. About 10 to 15 per cent of crop land still remains unseeded due to excess rainfall throughout the spring.

A report from Kapuskasing in Northern Ontario indicates that the first half of July was above average in temperature, precipitation and sunshine. Strong winds and heavy rainfall on July 7 resulted in lodging of hay which was heavily fertilized. Harvesting of first-cut hay is nearly completed at the Experimental Farm and yields have been good. Most farmers are just commencing haying operations. Pastures remain in very good condition. In the Thunder Bay District haying operations have been delayed due to intermittent wet weather. Spring grains have headed and pastures are in good condition. Some potato fields are showing only a 75 to 80 per cent stand due to poor seed and sprouting.

#### MANITOBA

Crop conditions remain good to excellent throughout all of Manitoba although the western half of the province is in need of rain. Early cereals are filling well with special crops progressing favourably. Early rapeseed and fababeans have commenced podding and canning peas are now being harvested. Another infestation of armyworms is expected this year. Haying is well advanced with about average yields.

At Altona wild oats and mustard are still a major problem in many fields. Early fields of barley are beginning to ripen while other crops are almost headed. All crops are progressing well in the Morden district with early wheat and barley filling well. Flax and rapeseed are now in full bloom and horsebeans are podding well. There has been some spraying done to control the sunflower beetle larvae and some aphid damage has been reported on barley. The hay crop is now being harvested with a less than average yield reported. The canning pea harvest began last week with other canning crops due to follow shortly. Growth on pastures has been less vigorous during the last week.

Moisture is needed for all crops in the Melita area. The late crops are being damaged by the heat and pastures remain short.

Approximately 50 per cent of the cereals have now headed at Selkirk with above average yields expected. Weather conditions for crop filling remain good due to light rains during the past week. The hay harvest is 30 to 50 per cent complete and pasture growth is also good. There have been numerous reports of the Painted Lady Butterfly on the thistle but thus far no crops have been affected.

Many cereals are now headed with the balance in shotblade at Stonewall. Haying of a good crop is almost completed and fababeans are excellent. Grasshoppers have not caused any damage but livestock insects are prevalent.

At Brandon grains are progressing favourably with fall rye and early barley ripening. Rapeseed yields appear good to above average while acreage of sunflowers has declined considerably. Pastures are above normal and haying is almost completed. Prospects for forage seed production is good at the moment.

In the northern parts of the Interlake most of the cereals have now headed. At Arborg there has been good chemical control for wild oats and some of the hay has been harvested with good yields reported. Pastures remain good and livestock are doing well.

Temperatures in the eighties accompanied by high winds caused many fields in the Neepawa area to dry out quickly. Crops are maturing rapidly and in many cases the stand is short but with added moisture yields will still be good. Fall rye is starting to ripen and haying is progressing but rain is badly needed at Minedosa. Pastures are extremely dry and there have been some reports of white rust in rapeseed. Crops in the Shoal Lake area are in desperate need of rain. Because of the dry conditions stooing has not occurred in many fields and rapeseed crops are very uneven. Haying operations are under way with very low yields reported. The wheat stem maggots are very prevalent and are taking their toll in early seeded wheat fields.

Crop conditions remain good in the Dauphin area but rain is needed. Haying is progressing favourably and fall rye is beginning to turn. Early counts of Bertha Armyworm eggs on the rapeseed indicate another heavy infestation. At Swan River haying operations are general and crop conditions remain fair to excellent even though some crops are late. Armyworm eggs are appearing on most early rapeseed fields. Pastures remain in good condition in this area.

The unweighted average precipitation since April 1 has been 12 per cent above normal compared with 19 per cent above normal a week ago, 20 per cent above normal two weeks ago and in contrast to 24 per cent below normal a year ago. Mean temperature for the week ending July 16 was 3.4 degrees F. below normal compared with 1.0 degree below normal a week ago, 3.7 degrees below normal two weeks ago and 5.5 degrees below normal for the week ending July 17, 1972.

#### SASKATCHEWAN

Hot dry windy weather continues to aggravate the dry conditions in the southwest and west-central areas. Late crops in the north and northeast are improving rapidly. Prospects throughout the remainder of the province are for a better than average crop if normal weather continues. Rains are needed in the southern two thirds of the province.

Crop prospects are very promising at Moosomin in the southeast. Moisture conditions remain good but the area could use a good rain following the hot weather of the past week. Haying is in full swing with well above average yields reported. Pastures are in excellent condition. Swathing of rye should commence in ten to fourteen days. At Fillmore hot dry winds caused severe drying of crops and those seeded on stubble are badly in need of rain. Most crops are headed and continued hot weather will result in an early harvest. Flax and rapeseed are in full blossom. An average hay crop has been harvested although pastures are only fair. In the Indian Head district all crops are making rapid growth as a result of the recent



warm weather. Ideal weather is required to hasten maturity of many fields. The early sown cereals are headed while the remainder are in various stages from early to late shotblade. In general all crops are of a good height and the stands are well above average. Subsoil moisture is excellent and fallow fields are in good condition although it has been difficult to achieve good weed control. Haying is almost completed with well above average yields reported. Pastures are in excellent condition.

Drought conditions still prevail in the Swift Current area of south-west Saskatchewan where precipitation from May 1 to date is 73 per cent below normal. The dry conditions plus hot windy weather are causing rapid deterioration of crops. Even with rainfall now yields are expected to be below normal. Pastures are very dry. There have been very few reports of insect damage. In the Leader area good crop development continues. All crops are headed and some have finished blooming. Flax stands are good and in full bloom. The grasshopper population may cause some damage in this area.

A heavy stand of wheat is about 40 per cent headed in the Melville area of east-central Saskatchewan. Coarse grains are approximately 20 per cent headed and the crop outlook is above average. Pastures and hay crops are good with much of the hay already harvested. Rainfall since May 1 to date has been 9.34 inches compared to 1.75 inches for the same period a year ago. At Endeavour growth has been very good in all crops during the past week. Wheat and coarse grains are heading and oilseed crops are in full blossom. There is no reported hail or insect damage in this area. Haying is well under way with pasture and moisture conditions both good.

At Drake in the central area warm weather has prevailed for the past week. Some showers were received yesterday. Grain height varies considerably because of the late seeded acreages. Haying operations are approximately half completed and summerfallow fields are improved. Pastures and cattle are in good condition. Moisture conditions are good in the Saskatoon area and crops are growing well. Wheat and coarse grains are 75 per cent headed and rapeseed is blooming or starting to pod. Fall rye is ready to swath and yields of 15 to 20 bushels per acre are expected. Haying is almost completed. Entomologists report Thistle Caterpillars and Loopers in the rapeseed but damage is light. Blister Beetles are causing moderate damage in fababeans at Saskatoon and Outlook. Sunflower beetles are infesting sunflowers at Swift Current and Outlook. Adult grasshoppers are starting to move through fields in some districts of southwestern and central Saskatchewan.

In the west-central area at Rosetown crops look good considering only 3.8 inches of rain has fallen since April 1. Reseeded crops south of town are about three inches and look good. Oilseed crops are in flower. Some farmers are haying. Pastures require a good rain following the high winds this past week. An average crop is expected in this district. Our correspondent at Scott reports no rainfall this past week and cool windy weather persists. Crops are showing damage from high winds and drought conditions. Rain and warm temperatures are urgently needed. Crops are about 50 per cent headed and haying operations are 80 per cent complete. Pastures are poor in this area. There are no reports of Bertha Armyworm.

At Melfort in the northeast cereal crops are still showing the effects of the wet backward spring. Many of them are patchy, weedy and yellowing. Hay crops are good but tillage of summerfallow is progressing slowly.

The Saskatchewan Municipal Hail Insurance Association reports the only hail storm since July 9 was a small one at Borden on July 13.

The unweighted average precipitation since April 1 has been 23 per cent above normal compared with 31 per cent above normal a week ago, 36 per cent above normal two weeks ago and in contrast to 18 per cent below normal a year ago. Mean temperature for the week ending July 16, 1973, was 0.8 degree F. below normal compared with 1.3 degrees below normal a week ago, 0.7 degree below normal two weeks ago and 5.5 degrees below normal for the week ending July 17, 1972.

#### ALBERTA

The crop prospects throughout most of the province remain favourable despite the variation in the weather and moisture conditions. Moisture reserves in the southwest are being depleted by strong winds and high temperatures and rain is urgently needed as some crops and pastures are beginning to deteriorate. In eastern Alberta crops are showing excellent recovery from the extended dry spell in May and June and many early seeded fields are beginning to head and rapeseed is in bloom. Central areas have experienced excellent growing conditions and above average yields are anticipated. Sections of the Peace River area have received above normal rainfall with some crop damage resulting. All areas of the province are reporting haying operations in progress.

In the Medicine Hat district temperatures in the eighties and nineties last week had a damaging effect on most crops which are headed and filling and rain is required. Fall rye is being harvested with some fields looking quite good. Grass, cattle and summerfallow are in good condition.

In the southwest near Lethbridge all dry land crops are deteriorating rapidly from the heat and lack of moisture. Spring wheat and barley are filling with some burning having occurred. Winter wheat is in the firm dough stage and fall rye and early rapeseed are approaching harvest but below average yields are expected. Water demands for irrigation are high with good crop growth. At Cardston fall wheat is maturing very quickly. Spring grains and oilseed yields are expected to be below normal. Insect damage at present is under control with very dry conditions prevailing. Pastures are quite dry and hay crop yields are expected to be light. At Claresholm hot dry weather has damaged crops and pastures and even with rain this district will have a well below average crop. Winter wheat and rye are ripening and swathing operations will begin in a week. All grains are headed out and flax is blooming.

Crops are deteriorating from a lack of moisture near Vulcan in the south-central part of the province. Although showers have occurred in parts of the area this week the situation has reached the point where hope for a reasonable stubble crop is waning. Pastures have deteriorated to a point where if there is no rain soon cattle sales will be forced. Swathing of fall rye will begin next week.

In the northeast-central district near Sedgewick crops continue to do well with 80 per cent of the wheat headed and most of the rapeseed in bloom. Hay crops are yielding well and all crop prospects are very favourable at the moment. Strong winds last week in the Vermilion district helped the crops recover from the flooding of the week before. All crop conditions are good except for the lowlying areas where excessive flooding occurred. A few crops other than wheat have started to head out and are about average for this time of year.



Reports from Red Deer indicate crops are doing very well. Scattered showers are effecting the haying operations and looper worms are becoming active in rapeseed. Warm dry weather at Lacombe the past week brought all crops on well with heading general this week. Haying is in progress with prospects for a good crop. Moisture is plentiful for the time being. Ideal weather the past week in the Eckville area has seen haying operations 25 per cent completed with a yield from one to two tons per acre. Rapeseed is in full bloom, barley is 10 per cent headed and summerfallow is in fair condition. Crops are average but a little late for this time of year.

In the Peace River district near Beaverlodge crops require moisture. No Bertha Armyworms have been reported as yet. Stem eye spot infestations have been reported in some older fescue fields. Haying operations are in full progress with cool temperatures predominating. Near Peace River rapeseed is in full bloom with only a few localized insect infestations. Wheat and barley crops are heading out and persistent rains have kept fields wet and have drowned 5 per cent of the crops. Excessive moisture has effected the honeybees and as a result no legume seed is setting. Haying operations are proceeding with great difficulty and continued cool weather will take quite a toll although warm weather would result in a bumper crop.

The Alberta Hail and Crop Insurance Corporation reports only one storm of significance which occurred on July 10 and caused severe damage in the area northwest of Beaverlodge to La Glace, Wanham and Eaglesham.

The unweighted average precipitation for the province since April 1 was 9 per cent above normal compared with 17 per cent above normal a week ago, 25 per cent above normal two weeks ago and in contrast to one per cent below normal a year ago. Mean temperature for the week ending July 16, 1973 was 2.0 degrees F. below normal compared with 3.1 degrees below normal a week ago, 2.6 degrees below normal two weeks ago and 4.7 degrees below normal for the week ending July 17, 1972.

#### BRITISH COLUMBIA

Reports from Victoria on Vancouver Island point to exceedingly dry weather conditions with only two inches of rain since May 1 and warm weather prevailing during the past week. Heavy irrigation continues where available. Shortages of hay forage are forecast. The apple set is good and an average cherry harvest is under way. Strawberry picking has been completed while drought has somewhat reduced the raspberry and loganberry crops. The green house tomato and cucumber crops brought good prices and a fall crop of both are now being planted.

Near Agassiz in the Lower Fraser Valley strawberry picking for processing ended on July 14. This year's raspberry harvest is expected to peak in the week of July 15 and indications are that fruit size and quality are excellent with very little fruit rot and no insect problems apparent. The season has been ideal for lettuce and cauliflower causing strong supplies and good quality of both crops. Lettuce shipments to the prairies are expected to slacken off as local supplies become available. Beans, corn and cucumbers benefited from the warm weather of the past week. A first harvest of local celery is expected about July 16. The oat crop seems to be unusually promising and forage crop prospects are reasonably good. Widespread, but probably minor, damage to silage corn has been caused by the Alfalfa Looper. The sour cherry crop was reduced by infection of brown rot.

Vernon in the North Okanagan region has reported its driest growing season ever. With fall wheat ripened and spring cereals turning, yields are expected to be 75 per cent of normal. First-cut hay was light and the second crop is also reported as very light and short. Indications are that field corn is growing rapidly and pastures are dry except where irrigated.

Near Kamloops in the southern Cariboo region hot and extremely dry conditions prevail. Hay production in the Interior will be reduced by 30 to 40 per cent due to last year's winterkill. Silage corn is finally starting to grow but will be late in maturing. Prospects are good for an early potato crop.

Haying has just commenced in the Prince George area of the central Interior with the onset of warm, dry weather. As a result of a cool, wet spring and an early summer, yields are expected to be lower than normal.

The Smithers area of the Skeena River region has experienced considerable improvement in weather, making for ideal haying conditions. Silage and haying are consequently in full swing with first, second and third-year crops being the best. Heavier than normal fertilizer applications have somewhat mitigated the effects of low heat. Hay prices are already higher than usual. The decimation of some legume stands by armyworms and winterkill of alfalfa have been reported.

Weather conditions remain favourable to crop development in most areas around Dawson Creek in the Peace River Block. The warm weather necessary for continued cereal and forage growth has been prevalent. However, moisture has been limited in a few areas. Forage crops are reported now being harvested. Cereals are exhibiting a wide range in growth, with early-seeded wheat and barley reported as heading. If favourable conditions persist above-average yields are forecast for both of these crops. Some rapeseed is currently flowering. Forage seed crops are progressing well. Reports indicate the presence of Stem Eye Spot in fescue in some areas and Silver Tips are a little more prevalent this year.

In Fort St. John crop growth is progressing well although warmer weather is needed to hasten maturity. Soil moisture supplies are deemed adequate. Haying is reported well under way and indications are for a very good yield. Insect infestation and disease appear to be at a minimum.



Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. July 16, 1973	since April 1	since April 1	8 a.m. July 16 1973    Normal	
			inches		degrees F.	
<u>MANITOBA</u>						
1	Boissevain	.05	9.55	8.10	64	68
	Pierson	.05	9.49	7.61	67	68
2	Baldur	.05	9.29	8.14	66	69
	Pilot Mound	.06	8.33	7.90	65	68
3	Altona	.38	10.54	7.28	66	70
	Deerwood	.18	7.05	7.84	64	71
	Graysville	.50	8.46	7.37	67	69
	Morden	.05	7.56	7.91	67	71
	Morris	.38	8.96	7.41	66	71
	Portage la Prairie	.03	8.76	9.12	66	71
	Roland	.35	7.76	7.70	65	70
4	Stonewall	.06	8.18	8.16	64	69
5	Emerson	.16	8.99	7.54	67	69
	Steinbach	.30	7.21	7.74	62	69
	Winnipeg	.39	11.18	7.76	65	69
	Starbuck	.05	11.21	7.71	65	69
6	Pinawa	.03	12.00	4.73	65	69
	Great Falls	.21	6.33(2)	5.94	66	69
	Sprague	1.53	7.60	8.16	64	66
7	Virden	trace	6.30	7.65	66	69
8	Brandon	.02	7.27	8.20	66	68
	Cypress River	.08	11.14	7.92	66	69
9	Gladstone	.20	6.29	8.21	N.R.	68
10	Birtle	.24	6.47	7.98	60	66
	Rosburn	.17	7.05	7.42	64	66
	Russell	.25	7.13	6.63	65	66
11	Dauphin	.37	8.33	8.11	66	68
12	Arborg	.30	9.16	7.78	63	67
	Gimli	.07	10.16	7.85	65	69
13	Swan River	.31	8.88	7.34	66	66
	Pasquia	.29	8.52	N.R.	62	N.R.
	The Pas	.49	8.50	6.35	64	66
	Thompson	1.40	6.45	7.71	60	60
14	Grass River	N.R.	7.58(2)	8.18	N.R.	67
MANITOBA AVERAGE		.27	8.56	7.62	64.8	68.2

For footnotes, see page IV.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m.	since	since	8 a.m.	
		July 16, 1973	April 1	April 1	July 16	
					1973	Normal
			inches			degrees F.
<u>SASKATCHEWAN</u>						
1A	Carlyle	.10	7.51	7.05	65	67
	Estevan	nil	5.69	7.32	69	69
	Oxbow	nil	7.12	6.81	63	66
	Wilmar	nil	5.85	7.68	N.R.	66
1B	Broadview	.03	8.25	7.89	65	66
	Moosomin	trace	9.36	7.96	65	68
2A	Yellow Grass	nil	7.31	7.01	68	67
	Weyburn	nil	5.72	6.93	65	66
	Midale	nil	4.92	6.83	66	68
	Amulet	nil	8.18	7.26	69	69
2B	Moose Jaw	trace	7.53	6.63	70	68
	Regina	trace	7.66	6.92	68	66
	Francis	N.R.	5.65(2)	6.49	N.R.	66
	Indian Head	.02	12.96	6.73	66	66
3AS	Ormiston	N.R.	7.10(2)	7.31	N.R.	68
	Cardross	nil	7.05	7.16	68	68
	Rock Glen	nil	8.87	7.21	68	66
3AN	Gravelbourg	N.R.	6.20(2)	6.02	N.R.	68
	Coderre	trace	9.89	6.94	66	67
	Chaplin	trace	7.34	5.47	68	67
3BS	Shaunavon	nil	5.82	6.26	72	67
	Aneroid	nil	5.53	5.93	67	67
	Instow	nil	3.38	6.47	67	67
3BN	Swift Current	trace	4.77	6.85	68	68
	Pennant	nil	3.21	6.46	68	68
	Hodgeville	N.R.	4.16(2)	6.66	N.R.	67
	Hughton	.14	4.03(2)	5.67	68	68
4A	Maple Creek	nil	4.82	5.87	74	69
	Consul	nil	3.07	4.91	65	66
4B	Abbey	N.R.	3.16(2)	5.94	N.R.	68
	Leader	.09	7.02	5.54	65	69
5A	Cupar	nil	9.41	6.65	65	68
	Balcarres	N.R.	8.62(2)	6.88	N.R.	66
	Lipton	trace	11.34	6.13	65	66
	Yorkton	.15	10.39	6.88	66	66
	Bangor	N.R.	10.69(2)	7.57	N.R.	66
5B	Wynyard	.20	12.58	6.62	65	65
	Foam Lake	.27	11.76	6.73	61	66
	Kuroki	.55	13.62	7.04	62	65
	Kamsack, Cote	.69	10.77	6.44	63	66
6A	Davidson	.10	8.08	6.75	63	66
	Strasbourg	.02	9.15	9.24	68	66
	Watrous	.09	10.77(2)	6.24	65	67

For footnotes, see page IV.



Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. July 16, 1973	since April 1	since April 1	8 a.m. July 16	
					1973	Normal
			inches			degrees F.
<u>SASKATCHEWAN — concluded</u>						
6A	Liberty	.02	7.51	6.75	67	N.R.
6B	Harris	.28	7.39(2)	5.68	67	68
	Outlook	.16	7.30	5.54	66	69
	Saskatoon	.06	8.24	5.38	66	68
	Elbow	nil	3.74	6.56	68	67
	Tugaske	.07	7.85	7.00	68	67
	Dundurn	.21	6.60	5.65	64	68
7A	Kindersley	.35	6.66	4.85	67	67
	Rosetown	.10	6.07	5.87	68	67
7B	Macklin	nil	7.82	5.49	64	66
	Denzil	N.R.	7.12(2)	5.62	N.R.	66
	Scott	nil	4.96	5.80	60	65
	Biggar	.03	5.99	5.76	66	67
8A	Hudson Bay	.34	8.28	6.94	63	65
	Prairie River	.43	14.15	7.34	62	65
8B	Humboldt	.38	11.86	5.97	64	65
	Melfort	.35	12.74	6.44	62	66
9A	North Battleford	trace	5.76	5.57	66	67
	Victoire	N.R.	10.36(2)	6.17	N.R.	63
	Prince Albert	.23	11.47	6.08	62	66
9B	Meadow Lake	.83	12.63	6.46	64	62
	Waseca	N.R.	8.36(2)	6.30	N.R.	64
SASKATCHEWAN AVERAGE		.11	7.99	6.50	65.9	66.7

ALBERTA

1	Empress	.20	4.74	5.49	66	68
	Foremost	nil	4.07	6.03	68	68
	Manyberries	nil	3.85	5.74	69	69
	Medicine Hat	trace	6.69	5.65	70	70
2	Brooks	.05	7.18	5.50	67	68
	Gleichen	.04	5.15	6.86	65	66
	Vauxhall	nil	4.67	5.41	68	67
	Raymond	nil	2.99(2)	6.63	66	67
	Lethbridge	nil	4.20	7.15	69	67
	Trochu	.02	6.85(2)	6.57	N.R.	65
	Queenstown	nil	6.41	7.29	66	66

For footnotes, see page IV.



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Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. July 16, 1973	since April 1	since April 1	8 a.m. July 16 1973	Normal
			inches		degrees F.	
ALBERTA — concluded						
3	Calgary	.03	6.38	8.03	64	64
	Cardston	nil	4.41	8.29	67	65
	Pincher Creek	nil	4.97	8.86	67	64
	Fort MacLeod	nil	4.58	8.16	67	68
	Claresholm	nil	3.72(2)	N.R.	67	N.R.
	High River	nil	6.13	8.92	63	62
	Olds	nil	8.19	8.40	61	62
4	Alliance	.12	10.28	5.99	64	65
	Coronation	.24	10.82	5.59	64	64
	Hughenden	.02	10.22	6.00	64	65
	Lloydminster	.04	7.95	5.84	64	65
	Stettler	.50	11.07	6.81	62	64
	Vegreville	.06	8.23	6.23	61	64
	Kanfurly	.11	10.12	6.65	62	64
	Vermilion	.02	10.18	5.82	63	63
5	Edmonton	.35	10.78	7.83	61	64
	Lacombe	.19	9.75	8.46	60	63
	Red Deer	nil	7.99	9.51	60	63
	Rocky Mountain House	.10	8.03	9.26	61	61
	Wetaskiwin	.01	13.18	7.84	63	64
6	Campsie	.01	10.18	7.84	61	61
	Yellowknife	.20	1.69	2.54	64	61
	Edson	trace	6.17	8.64	58	59
	Elk Point	.20	6.31	6.68	63	63
	Whitecourt	.23	11.44	7.92	60	61
7	Beaverlodge	.10	3.00	5.94	58	61
	Chipewyan	2.22	6.32	4.14	63	63
	Ft. Vermilion	N.R.	.71(2)	4.85	N.R.	62
	Grande Prairie	.16	3.98	6.01	60	61
	High Prairie	N.R.	8.13(2)	6.73	N.R.	61
	Peace River	.39	7.82	4.89	59	61
	Slave Lake	.21	11.29	5.93	60	62
ALBERTA AVERAGE		.14	7.33	6.74	62.1	64.1

(1) Source: Atmospheric Environment Service.

(2) Incomplete; not included in average.

N.R. No report.