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FIELD CROP REPORTING SERIES - NO. 9 - TELEGRAPHIC CROP REPORT - CANADA

This is the third of the 1979 series of six telegraphic reports covering crop conditions throughout Canada and the fifth of a series of eleven telegraphic reports on crop conditions in the Prairie Provinces issued by Statistics Canada. Crop correspondents from the Federal and Provincial Departments of Agriculture, Federal agencies, and the grain trade as well as private crop observers 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. Weather conditions have been variable in the Maritimes but with adequate moisture levels most crops are showing good growth. Seeding of potatoes is complete in Prince Edward Island and generally the crop looks good. Harvesting of hay and haylage is under way in Nova Scotia, but due to apple scab and irregular fruit set only an average apple crop is expected. In New Brunswick potato planting is complete but early varieties are not yet in bloom.

Quebec. Cutting of an excellent hay crop has begun across the province. Cereal crops are developing normally in all regions except the Lac St. Jean area where the land is still too wet after recent rains to carry machinery. Early-seeded wheat, oats and barley have already headed in some areas. Potatoes are developing well in southeastern areas of the province despite cool temperatures. Tobacco planting was completed a week ago. Pests are becoming a problem in some areas.

Ontario. Temperatures during the month of June have been slightly cooler than normal and rainfall has been below average. However, field crops have benefited somewhat from recent shower activity. Haying operations are progressing well and a very good first cut is reported. Winter wheat is well headed and should provide an average yield. Spring grains are generally growing well and early plantings are starting to head. Corn is making satisfactory growth, but warmer temperatures would be beneficial for progress of this crop. Due to soil crusting problems, some of the soybean area had to be replanted. Earlier seedings are in satisfactory condition. Tobacco growers have finished transplanting and are now cultivating fields.

Prairie Provinces. Crops are in generally good condition throughout the Prairie Provinces, although recent growth has been slow due to weather conditions. Rains are needed in most southern and central areas. Crops in southeastern Saskatchewan are showing the most severe signs of stress due to winds, high temperatures, and the lack of rain throughout June. Early-seeded crops have emerged, fall-seeded cereals are heading, and early-seeded rapeseed is in bloom. Germination of some late-seeded crops, particularly rapeseed, has been uneven and stands are variable. With the exception of some fields in northern Manitoba, seeding is complete. Haying will be general in most areas this week. Weed growth is heavy and spraying for weeds and insects is in progress.

Agriculture Division, Crops Section
A-1102-308

(Disponible aussi en français)

Precipitation and Temperature Data, Prairie Provinces(1)

	Unweighted Average Precipitation		
	Per cent variation from normal(2)		
	Man.	Sask.	Alta.
April 1, 1979 - June 25, 1979	+ 16	- 1	- 5
April 1, 1979 - June 18, 1979	+ 10	+ 10	- 10
April 1, 1979 - June 11, 1979	+ 26	+ 10	- 10
April 1, 1978 - June 26, 1978	- 9	+ 19	+ 17
Mean Temperature			
°C variation from normal(2)			
	Man.	Sask.	Alta.
For the week ending June 25, 1979	- 1.9	+ 0.3	- 1.0
For the week ending June 18, 1979	+ 1.9	+ 2.3	+ 0.2
For the week ending June 11, 1979	- 1.8	- 1.1	- 0.5
For the week ending June 26, 1978	+ 0.1	+ 0.7	+ 0.1

(1) Source: Atmospheric Environment Service.

(2) Positive sign indicates above normal and negative sign indicates below normal.

British Columbia. Crop conditions are good in most areas of British Columbia but rain is needed to maintain growth. Showers in the Peace River District have been scattered, and as a result some areas are dry while others which received rain show good growth. Outbreaks of flea beetles in early June caused some damage to rapeseed. Early-seeded rapeseed is starting to flower and on Vancouver Island fall rye is heading. Cool, dry weather is causing slow growth. Corn fields in the Saanich area are in fair to good condition while in the Lower Fraser Valley corn is developing well but starting to suffer from hot weather. Hay yields are slightly below normal but quality has been good. Wireworm problems have developed in some corn crops in the central Interior. In the Creston area good first cut hay yields are reported while only fair yields occurred in most other areas. Extremely dry conditions exist at Cranbrook.

MARITIMES PROVINCES

In Prince Edward Island conditions have been relatively dry for the past two weeks, almost to the point of limiting growth. However, rain was experienced in most parts of the province between June 23 and 25. Seeding of potatoes is complete and the crop looks good although there are isolated cases of set rot. Some early-planted varieties are beginning to fill the drills. No insect problems are apparent to date. Grain seeding was completed before the end of May and growth is generally good. Some early-seeded barley is now heading. Harvesting of hay and haylage began before the middle of June which was one of the earliest starting dates in recent years. Yield appears average but quality should be excellent as is the potential for good regrowth on early-harvested fields. Tobacco transplanting is complete with plants making very good growth.

In Nova Scotia the past week has seen some sunny weather permitting seeding operations to be completed. Rains during the past few days should promote germination. Harvesting of grass silage is in full swing and some hay is being made. Early-seeded cereals are showing good growth. Harvesting of strawberries is under way with an average to good crop. Good set is evident on other fruit crops. In the Annapolis Valley heavy rain in late May and early June has led to serious apple scab problems. Fruit set is irregular in apples and an average crop is now expected while the pear crop is expected to be heavy. Early potatoes have started to bloom. The processing pea crop will be down due to wet weather during the planting period. Around Nappan the weather has been wet but haylage harvesting is about one-third complete.

Around Fredericton in New Brunswick favourable weather in the past two weeks has helped to offset the humid conditions that persisted from mid-May through early June. Planting of main varieties of potatoes

is complete. Growing conditions are excellent but early varieties are not yet in bloom. The forage harvest is well under way and an average to above-average crop is being taken off. Fruit set in apples is variable due to unfavourable weather during bloom. Yield is expected to be down from 1978 and severe winter injury is continuing to show. Early harvest of strawberries is under way. The crop is about one week earlier than normal but yield is expected to be down 25 per cent from 1978 due to winter injury. Poor pollination in blueberries resulted in only fair fruit set and an average crop is anticipated. Transplanting and seeding of vegetables have been delayed due to wet conditions and only eight per cent of these operations are completed. Harvesting of some early vegetables is under way. Corn planting was delayed due to wet weather and early-seeded corn is growing slowly. Grain seeding is complete. Grain in the upper St. John Valley is looking good but late planting in southern areas is expected to reduce yield. Excellent growing conditions with good weather and ample moisture are reported around Andover. Some haylage has been stored and the early hay crop has been harvested. Potatoes are making favourable progress and growers are spraying for weed and insect control. Some early varieties of potatoes are in the bud stage. Early strawberries went on the market this week and the crop outlook is fair. All crops in the Woodstock area are growing well as a result of warm weather and adequate moisture levels during June. Some damage is reported from erosion and isolated hail storms. Grass silage and haying operations are under way with good yields anticipated. Cool, damp weather during the past few days has delayed strawberry ripening.

QUEBEC

In the counties of Rivière du Loup, Témiscouata and Kamouraska cutting of hay has started and very good yields are reported. Minor infestations of leaf miner are showing in some alfalfa stands. Spraying of weeds is finished despite abundant rainfall at the beginning of June. A hailstorm at the end of last week hit a nine square mile area around Kamouraska and caused considerable damage to vegetable crops, oats and hay. In La Pocatière region cutting of an excellent hay crop is just beginning since the crop was delayed due to low temperatures. Potatoes and cereals are developing well and pastures are excellent.

In the Eastern Townships near Victoriaville the harvest of good yielding forage crops is about 50 per cent complete. Corn, cereals and pastures are in very good condition. Ideal temperatures during the past four weeks in the counties of Drummond and Yamaska have favoured the normal growth of all crops. Cutting of an excellent hay crop began two weeks ago and is progressing quickly due to excellent weather. In the Granby area the season is ahead of last year by one week. Haying started around June 8 and should be finished by July 1 on the majority of farms. Cereals are growing normally with no major problems reported. In the St. Hyacinthe area cool temperatures and rain during the last few weeks have slowed the growth of grain corn. The first cut of hay is almost complete and quality is reported to be good. Yields were adversely affected by severe winter damage. Heading is well advanced in early-seeded barley, oats and wheat.

North of Montreal in L'Assomption area planting of tobacco is finished; however, plantings of cigar tobacco were delayed one to two weeks due to unfavourable weather. Haying started a week ahead of normal and crop prospects appear excellent.

In the Lac St. Jean area only about 60 per cent of the cereals have been seeded due to excessive rains which prevailed during late May and most of June. Soils are still too wet to carry machinery. Early-seeded cereals and forage crops are growing well but weeds are plentiful. Haying has started and a good crop is anticipated.

In the Témiscamingue region around Ville-Marie heavy rains have delayed both haylage and haying operations. Approximately 20 per cent of the pastures have been treated for insects which have some damage, especially to new seedings. A very good yielding hay crop will probably compensate for any damage.

ONTARIO

In Essex County of southern Ontario cool weather has slowed crop growth but a rain on June 20 was very beneficial. Cutting of a heavy crop of first cut hay is nearing completion. The strawberry harvest has only been fair and asparagus was poor. Wheat has headed and yield prospects are good. Potatoes are later than normal but are growing well. In Kent County all crops including corn and soybeans are variable in growth and are generally seven to ten days behind normal due to the cold temperatures. About ten per cent of the soybean acreage had to be re-seeded due to crusting problems on clay soils. The first cutting of hay is finished and both quality and quantity were excellent. Winter wheat is headed and yield prospects look good. Spring-seeded grains are progressing well but rain and warm weather are required. Tomatoes and cucumbers are developing slowly. In Middlesex County, cold weather has slowed growth of all spring-planted crops and development is generally three weeks behind

normal. On June 25 below-freezing temperatures occurred but damage was only slight. Haying operations are well under way and yields are excellent. In Norfolk County dry soil conditions have promoted uniform growth of tobacco but corn, soybeans, wheat and hay are suffering from moisture stress. The first cut of hay has been completed. Cutworms are a problem in corn while strawberry yields are below average. Rain is needed for fruit crop development in the Niagara District. Strawberry yields are reduced due to recent cool dry weather. Insects and diseases are generally not a problem but pear psylla, tarnished plant bugs, tentiform leaf miners and oblique banded leaf rollers are requiring control on fruit crops. Fire blight is beginning to show on pear trees.

In Simcoe County of western Ontario rainfall during the past week ranged from 2.5 to 5.7 centimetres. Harvesting of the first crop of hay is completed. Spring-sown grains are short and some fields of oats are beginning to head. In Bruce County the first crop of hay was excellent but rain is required to promote growth of hay and pastures as well as spring grains and corn. Early-seeded barley is headed. There was slight frost damage on June 25. Haying has progressed in Waterloo County during the past ten days and yields were reported to be good. Winter wheat is headed rapidly and yield prospects look good. Several fields of corn have been severely damaged by cutworms. More heat and rain would benefit all crops. Seeding operations have come to an end in Halton County with some acreage left unplanted. Rain is urgently needed for late-seeded corn and grain. Winter wheat is progressing well and both yield and quality of the hay crop was excellent. Pastures are beginning to suffer from the hot dry weather. Cutworm damage has occurred in several corn fields.

In Peterborough County of central Ontario the month of June has been very dry with temperatures fluctuating greatly. Frost occurred in some areas on June 12. Corn and spring grains are doing well and about half the hay crop has been harvested with above-normal yields.

In Leeds County of eastern Ontario some corn fields are showing poor germination. Cereal grains are progressing well and there is very little disease or insect damage. Silo filling with haylage has been completed. The hay crop is excellent and there will be a surplus. Spring grains are progressing well and pastures are in very good condition. In Carleton County spring grains are doing well but cool night temperatures have slowed growth of corn. Haying is well advanced although rain during the past weekend will cause some delay. In Renfrew County cool weather is also holding back growth of the corn crop and some areas are in need of rain. Less than 2.5 centimetres of rain fell during the month of June. Haying operations are under way and the crop is very good. Some damage is reported due to alfalfa weevils. Spring grains are showing good growth and new seedings are in excellent condition.

A report from Kapuskasing indicates that temperatures during the month of June have been above-average although rain occurred on 14 days during the month. Frost occurred on June 24 and there was considerable damage to garden crops and potatoes. Fertilized hayfields are in very good condition and above-average yields are expected. Harvesting of haylage has commenced while spring grains are slightly behind normal for this time of year. In the Thunder Bay District recent rains and warmer temperatures have promoted good growth of spring grains and hay. Haylage operations are in progress. Frost on June 23 and 24 damaged some vegetable crops.

MANITOBA

Across Manitoba seeding has been completed in most areas. Reports indicate that some early crops have emerged and are doing well. Weed spraying is general. In the western districts germination of late-seeded crops is uneven and rain is needed. Moisture levels elsewhere in the province are adequate. Headed stands of fall rye are variable. Insect spraying is general. Forage stands are in good condition.

At Altona recent rains halted field operations last week. Aerial spraying for insects and cutworms is in progress and chemical sprays are being applied to control weeds. Alfalfa and brome grass is heading. Cultivation of row crops is under way with sunflowers and sugar beets growing rapidly. Horticultural crops, especially strawberries, are approximately 10 days late.

Around Beausejour crop conditions are generally reported as good. There are no major weed problems as yet; however, some flea beetle damage is evident. Moisture conditions are adequate. Hay yields and pastures are good although corn growth is slow. Most special crops are developing well. At Selkirk our correspondent notes that early-seeded crops have emerged and appear to be in good condition. Rapid growth of weeds has resulted in herbicide applications. Soil moisture is generally adequate; however, there are areas that could benefit from rain. Pastures and hay crops appear excellent with a better than average yield prospect. Some haying is expected to start next week.

At Stonewall, with seeding completed, there has been little change in cropping intentions. Moisture conditions are excellent. Weed growth is heavy and spraying is under way. There are reports of heavy

flea beetle infestations. Pasture and hay growth is heavy with haying expected to start sometime this week. Around Portage La Prairie rainfall during the past week aided germination. There are reports of flea beetles in rapeseed fields. Fall rye is fully headed with variable stands noted. Alfalfa is in the bud stage with brome grass headed and very limited haying to date.

Reports from Brandon indicate that seeding has been completed. Crop emergence and growth are excellent due to recent high temperatures and adequate moisture levels. Chemical spraying to control weeds is expected to begin soon. Forage and pasture growth is excellent. The first harvest of hay is expected within the week and prospects are for above-average yields.

At Teulon in the Interlake Region crop prospects appear very good. Recent rains have interfered with weed control applications. Moisture conditions are adequate to excessive with some ponding occurring in some fields. Pasture conditions are very good. It is expected that tame hay will be cut very soon. Corn, flaxseed and rapeseed are developing well. In the Gimli area seeding continues and there appears to be a larger summerfallow acreage than usual. At Arborg all crops are in generally good condition; however, some uneven germination has been noted on later-seeded oilseed and lentil crops. Cereal crops are progressing well. Forage crops for seed production are reported in good condition. With good weather alfalfa should start to bloom next week. Pastures are in good condition and an average hay stand is reported. Weed infestation is heavy and spraying will be necessary. As yet there are no insect problems.

Our correspondent at Neepawa reports that seeding is completed and some crops have emerged. There appears to be an increase in rapeseed, buckwheat and flaxseed acreage. Flea beetle infestation in some rapeseed fields is a problem. While recent scattered showers were received a good general rain is needed. At Minnedosa moisture conditions are fair. Early-seeded crops are doing well; however, some later crops require moisture as germination is uneven. Spraying has been necessary to control flea beetles. Weed growth has been heavy and control measures are under way. Haylands and pastures are in generally good condition. Around Russell recent rains of 10 mm have helped crops slightly but soil moisture levels remain low. Weed spraying is now in full progress. Pasture conditions are good. Hay yields are expected to be below average.

To the northwest at Dauphin seeding is progressing well. Weed spraying is general. Flea beetle control measures have been necessary in some rapeseed fields. Pastures are in good condition and haying is under way. Reports from Swan River indicate that seeding in the area was completed last week. Forage crops are maturing quickly following recent rains. Pastures are slow in developing due to early grazing before growth began. There has been a serious cutworm infestation in the Benito area resulting in an approximately 500 acre loss of flaxseed.

SASKATCHEWAN

The weather during the past week has been hot and windy, with scattered showers received in many localities. Soil moisture reserves are quickly being depleted. Strong winds have caused some soil erosion and some damage to late-seeded flaxseed and rapeseed crops. The northern half of the province received the majority of shower activity, while the central and southern parts remain dry. Crop conditions are about average, but will decline if rain is not received. Fall rye stands are in the heading stage with yield prospects rated as fair. Flea beetle infestations are under control and have not caused any serious damage to date. Weed spraying is almost complete. Reports indicate a strong demand for herbicides.

In the southeast our reporter in the Moosomin area indicates that there has been no rainfall for three weeks. Crop growth is at a standstill. Rapeseed germination is uneven and haylands and coarse grains are showing signs of stress. Infestations of wild millet and wild oats have appeared due to conditions at seeding time. Crop spraying is now in progress. In the Indian Head area approximately 6 mm of precipitation was recorded in June. All crops are now suffering from severe moisture stress. Cereals have been damaged by high winds and heat. Forage stands are late with alfalfa just entering the early bud stage. Forage yields are expected to be below average for the area. In the Moose Jaw area precipitation has been light. Fall rye and hay crops have been slow to develop because of low moisture reserves, warm days and drying winds. Haying operations are beginning and spraying for weed control is in full swing. Cereal crops are well rooted but a general rain is needed to promote growth. Scattered grasshopper infestations have been reported.

In the southwest part of the province north of Shaunavon, recent showers provided 15 to 25 mm of rain. The remainder of the Shaunavon area remains dry. Moisture on stubble land, haylands and pastures is poor to fair while on summerfallow, moisture levels are fair to good. Little crop damage has occurred over the past two weeks although crops are showing stress due to lack of moisture. Eighty per cent of the reporting area is in need of rain and the moisture situation in dry areas is becoming

serious. Immediate rainfall is not expected to improve hay yields. Pastures are browning and are very dry. Most of the crop is in the early tillering stage. Cool weather has slowed crop growth in the Leader area. Sub-soil moisture levels are good, although pasture and rye fields are getting dry. Tillering will be heavy. Spraying for weeds has been completed.

In the Balcarres area in the east-central part of the province the weather has been hot and dry. Approximately 6 mm of rainfall has been received since May 1, and early crops are developing slowly. Later-seeded crops have had very poor germination. Pastures and haylands are in poor condition due to the lack of moisture. Weed growth is heavy. Ninety per cent of field spraying has been completed.

In the central area around Drake most cereals are now in the tillering stage. Rapeseed is in the rosette stage and flaxseed is about 10 cm tall. Hay stands are light. Strong winds have caused heavy damage to crops on sandy soil resulting in some reseeding. No precipitation has been received recently and all crops would benefit from rain. The spraying of herbicides is approximately 65 per cent complete. Haying should begin next week. In the Saskatoon area, June rains provided over 75 mm of precipitation. Moisture conditions are generally good and crops are growing well. Fall rye has headed and most stands are in good condition. Weeds are more numerous than usual and herbicide spraying is in progress. Control measures to contain flea beetles in rapeseed fields have been taken. An outbreak of forest tent caterpillars has defoliated aspen groves, but crop damage has been minimal.

In the west-central area around Kindersley crops are in good condition although rain is needed in some locales. Some reseeding has been made necessary because of wind erosion. Some 32 mm of rain was received at Scott in the past week and growing conditions have improved. Growth of forage crops has been slower than normal. Weed growth has been heavy. Spraying of most fields has been completed. Some crop damage due to hail and high winds was reported. In the northeast around Melfort early-seeded crops planted on summerfallow and on well prepared stubble land are in excellent condition. Others are growing slowly and are infested with weeds and volunteer grain. A few fields were reseeded. Haylands and pastures are in good condition. Tent caterpillars are prevalent in the area. Spraying is under way.

Widespread heavy showers during the weekend of June 23 have eased moisture conditions throughout the Shellbrook-Spiritwood area in the north-central part of the province. All field crops are progressing well. Fall rye has headed and growth appears heavy. Although the hay crop is late, pastures are still showing good growth.

The Saskatchewan Municipal Hail Insurance Association reports that claims have been received from the following storms: June 5-6: Cactus Lake, Reward, Kelfield, Kenaston, Girvin, Morlach; June 11-14: Tisdale, Snowden, Meath Park, Sturgeon Valley, Debden, Birch Lake, Paradise Hill, Marshall, Lloydminster, North Battleford, Borden, Prud'homme, St. Gregor; June 15-20: Elfros, Kandahar, Renown; June 21-22: Riceton, Rowatt, Tuxford, Main Centre, Beechy, Hughton, Penkill, Talmage, McTaggart; June 23: Lebret, Leross, Girvin, Foam Lake, Elfros, Quill Lake, Leroy, Vanscoy, Perdue, Humboldt, Bruno, Arelee, Reward, Macklin, Cudworth, Paynton, Lashburn; June 24: Storthoaks, Redvers, Maryfield, Viscount, Aberdeen, Rosthern, Waldheim, Maymont, Ibstone, Phippen, Crystal Springs, St. Louis, North Battleford, White Fox, and Canwood.

ALBERTA

Cereal crops throughout Alberta are in very good condition with rapeseed described as fair to good. Crop growth has generally been slow with development two weeks later than normal reflecting cool temperatures in the northern areas and dry conditions in the south. Scattered showers throughout southern and central Alberta provided some relief from the dry conditions but total precipitation was light. Additional rainfall is needed to hasten crop development and to maintain hay and pasture growth. Fall-seeded cereals are heading and are reported in good condition. Specialty crops are in good shape with irrigation systems in operation. In northern areas moisture conditions are very good to excellent with a few areas around Barrhead, High Prairie, Valleyview and Manning indicating excessive moisture. Weed spraying has been hampered by the showery weather but is well advanced in most areas. Wild oats are a serious problem in many northern areas with some herbicides in short supply. The flea beetle problem has subsided and pest infestations are light.

In the southeastern district near Medicine Hat showers occurred with some areas receiving up to 50 mm of rain and other areas not receiving any. A constant wind has dried topsoil both in grain fields and on pastures. The first hayfields are being cut. Weed spraying is being hampered by wind. Livestock are reported in good condition.

In the south-central area around Lethbridge dry conditions have caused a serious reduction in hay yields and further losses will occur unless considerable rain is received soon. However, spring-

seeded crops and winter wheat still appear to be in good condition. Rapeseed fields show poor germination and signs of disease and insect damage.

In the southwest district around Cardston seeding is now completed with germination fair but growth slow. A good general rain is needed. Fall grains are in the shotblade stage and in fair condition. Hay crops are approximately two-thirds of normal and legumes are showing the effects of frost damage. Pastures are fair with livestock in good condition.

Weather conditions in the east-central area from Kindersley, Saskatchewan to Calgary have been dry and windy. Scattered thunder showers have occurred but most areas still need rain. Wind caused much damage in late-seeded flaxseed and rapeseed in the area between Drumheller and Calgary. Beetle infestations in rapeseed have been reported and some reseeded has taken place. Weed spraying in the area is 80 per cent complete. In the Wainwright area crop conditions appear favourable with moisture in adequate supply.

In the central area around Red Deer, Eckville and Lacombe weather conditions continue to be very dry with only scattered showers reported. Growth is slow and germination has been uneven. Weed spraying is about 40 per cent complete. Hay crops will be poor but pastures still appear fair. Some outbreaks of tent caterpillars have been reported.

Excessive rain has been reported over most of the Peace River District. Intended wheat acreages have been reduced by 10 to 15 per cent and rapeseed, barley and summerfallow acreages have been increased. Considerable spraying is still to be done in most areas. In the Grande Prairie area spraying has been completed and crops generally appear good.

BRITISH COLUMBIA

On Vancouver Island the latter part of May was sunny while June has been somewhat cool and windy. Most crops have required irrigation. The cherry crop is generally good and commercial picking is expected to start about July 8. Peaches and pears are developing satisfactorily. Strawberry picking commenced about May 29 and raspberry picking is expected to start during the second week of July. The loganberry crop is poor due to winter damage. Lettuce, cabbage, peas and cauliflower are being harvested and early potatoes are ready for digging. Greenhouse tomatoes are being picked in volume; quality is good and production average. Cucumber crops have been good but are now past their peak. Sales of bedding plants are drawing to a close after an active season with good prices.

In the Agassiz area raspberry harvesting has started while the strawberry harvest has peaked. Harvesting of broccoli, cauliflower and lettuce is progressing well. Second-crop hay and haylage operations are under way.

In the Lower Fraser Valley the weather has been warm and sunny. Growth is good to excellent but moisture is needed. Winter injury resulted in an estimated 20 per cent pasture and hay loss and many fields are being plowed and reseeded to corn or grass. Potato and corn growth is excellent. The first cutting of hay has been completed with good quality. In general grains are growing well.

In the Kelowna district the weather is continuing hot and dry but fruit crops are growing well. Frost damage is now apparent with McIntosh and Red Delicious showing the most damage.

In the southern Interior regions of the Okanagan Valley dry weather during June slightly retarded growth of all crops. Dryland crops, including cereals, hay and vegetation in the lower ranges seem to have suffered most. First-cut haying is 95 per cent complete except in the Cranbrook district where operations did not start until mid-June. Silage corn and potato crops are showing healthy vegetative growth. No insect or disease problems have been observed in any crops.

In the Thompson-Okanagan and Kootenay regions June weather has continued in the same dry trend started last December. Grassland range growth has matured at approximately 75 per cent of normal production. At higher elevations forested range is growing rapidly but rain is needed to delay early maturation. Concern is being expressed in some areas about the low level of creeks and ponds for stock watering.

Cool weather through May continued to slow forage growth in the Cariboo, Omineca and Skeena regions. Although precipitation has been normal in most regions, the Chilcotin area is experiencing serious drought conditions on lower elevation ranges. Fall regrowth on these ranges will be minimal unless summer precipitation is plentiful.

Forage growth in the Prince George area continues to be slow as June has been cold and wet. Ranchers have been forced to turn cattle out on pasture despite wet weather and poor growth. Barley and rapeseed in the Robson Valley are 7 to 10 cm in height but warmer temperatures are needed.

Forage crops are being cut for hay and silage two weeks earlier than average in the Bulkley Valley. Excellent quality and yield are forecast under ideal moisture conditions. In the Lakes district development is much slower although moisture conditions are also excellent. Hay crops look good but will not be ready until mid-July. Potatoes show good growth.

At Dawson Creek moisture levels are above normal. Hay and pasture crops look good. Grain and seed crops require warmer temperatures. Crops are in various stages of emergence due to unusual spring conditions. There has been a problem with flea beetles in the rapeseed crop and a number of producers have been forced to spray.

Growing conditions are good in the northern Peace. All cereals are progressing satisfactorily after a slow start. Heavy flea beetle infestations on rapeseed in many areas caused considerable damage. First-cut hay is in progress and pasture and forage growth is improving. Soil moisture has been good and temperatures under slightly below normal temperatures.

TABLE 1. Precipitation and Temperature Data, Prairie Provinces(1)

TABLEAU 1. Données sur les précipitations et la température provinces des Prairies(1)

Province and crop district - Station	Precipitation - Précipitations			Mean temperature, week ending 8 a.m. June 25	
	Week ending 8 a.m. June 25, 1979	Total since April 1	Normal since April 1	Température moyenne semaine se terminant à 8 h le 25 juin	
Province et district agricole - Station	Semaine se terminant à 8 h le 25 juin, 1979	Total depuis le 1 ^{er} avril	Normales depuis le 1 ^{er} avril	1979	Normal
	mm			°C	Normale
Manitoba:					
1:					
Boissevain	9.9	153.3	165.4	15	17
Pierson	24.1	112.8	145.7	16	17
2:					
Virden	3.0	108.6	147.6	16	17
Brandon	4.9	158.6	140.1	16	17
Cypress River	30.8	207.9	152.1	16	18
3:					
Birtle	1.5	133.1	148.5	16	16
4:					
Rosburn	5.8	141.4	168.1	15	16
Russell	5.6	105.2	121.8	16	16
5:					
Swan River	14.8	116.2	134.2	16	16
6:					
Dauphin	9.2	142.0	156.5	15	17
7:					
Gladstone	70.6	247.5	152.7	15	18
Starbuck	..	165.2(2)	..	..	..
Portage La Prairie	55.7	246.7	170.5	15	18
8:					
Altona	59.9	287.5	149.0	16	19
Baldur	36.6	177.2	195.0	16	18
Pilot Mound	57.8	214.0	181.6	16	17
Graysville	47.9	234.4	158.3	15	18
Morden	65.2	238.9	160.6	16	19
Roland	40.2	189.5	146.2	17	19
Deerwood	61.2	213.6	179.3	16	18
Plum Coulee	52.8	254.0	176.0	16	19
9:					
Winnipeg	33.3	217.8	157.9	16	18
Steinbach	13.0	121.1	173.5	14	18
10:					
Pinawa	11.2	192.4	155.9	14	17
Sprague	14.7	145.2	171.9	14	17
11:					
Stonewall	30.8	165.2	164.9	16	18
12:					
Arborg	15.6	183.9	144.8	15	17
Hodgson	38.0	192.7	151.5	13	17
Gimli	20.6	208.9	150.2	15	17
The Pas	1.5	115.1	111.3	16	17
Grass River	46.5	224.0	148.4	16	17
Thompson	30.2	138.7	125.0	13	13
AVERAGE - MOYENNE	29.4	180.2	155.0	15.4	17.3

See footnote(s) at end of table.
Voir note(s) à la fin du tableau.

TABLE 2. Precipitation and Temperature Data, Prairie Provinces(1) - Continued

TABEAU 2. Données sur les précipitations et la température provinces des Prairies(1) - suite

Province and crop district - Station	Precipitation - Précipitations			Mean temperature week ending 8 a.m. June 25	
	Week ending 8 a.m. June 25, 1979	Total since April 1	Normal since April 1	Température moyenne semaine se terminant à 8 h le 25 juin	
Province et district agricole - Station	Semaine se terminant à 8 h le 25 juin, 1979	Total depuis le 1 ^{er} avril	Normales depuis le 1 ^{er} avril	1979	Normal
	mm			°C	Normale
<u>Saskatchewan:</u>					
1A:					
Carlyle	21.0	123.8	138.8	17	16
Estevan	9.0	156.0	138.9	18	18
Oxbow	..	79.9(2)	..	..	..
Willmar	..	65.0(2)	..	..	..
1B:					
Broadview	0.4	79.4	147.0	17	16
Moosomin	2.2	150.0	150.8	16	17
2A:					
Yellow Grass	10.2	185.2	130.3	18	17
Weyburn	6.2	132.6	139.3	18	17
Midale	6.0	141.8	137.2	18	17
Amulet	7.2	154.7	147.4	18	16
2B:					
Moose Jaw	14.5	127.0	121.0	19	17
Regina	36.4	160.5	130.0	19	17
Indian Head	2.6	85.5	130.6	18	16
3AS:					
Ormiston	3.0	103.5	123.8	20	16
Cardross	4.2	101.7	134.5	18	17
Rock Glen	4.5	145.1	155.3	17	16
3AN:					
Gravelbourg	..	74.1(2)	..	..	..
Coderre	3.8	99.1	116.4	17	17
Chaplin	6.1	80.9	113.7	17	17
3BS:					
Shaunavon	1.0	81.0	116.6	15	16
Aneroid	2.6	133.8	108.3	16	16
3BN:					
Swift Current	11.8	117.7	123.7	16	16
Pennant	58.4	125.2	122.3	16	17
Elrose	19.4	102.2	100.7	17	17
4A:					
Maple Creek	14.4	100.1	113.2	18	17
Consul	20.0	86.5	95.7	15	16
4B:					
Leader	8.6	123.6	103.4	16	17
5A:					
Melville	29.0	95.1	111.9	15	16
Lipton	3.0	99.7	122.5	17	16
Yorkton	3.0	68.0	118.4	17	16
Atwater	3.5	51.0	125.2	17	16

See footnote(s) at end of table.
Voir note(s) à la fin du tableau.

TABLE 2. Precipitation and Temperature Data, Prairie Provinces(1) - Continued

TABLEAU 2. Données sur les précipitations et la température provinces des Prairies(1) - suite

Province and crop district - Station	Precipitation - Précipitations			Mean temperature week ending 8 a.m. June 25	
	Week ending 8 a.m. June 25, 1979	Total since April 1	Normal since April 1	Température moyenne semaine se terminant à 8 h le 25 juin	
Province et district agricole - Station	Semaine se terminant à 8 h le 25 juin, 1979	Total depuis le 1 ^{er} avril	Normales depuis le 1 ^{er} avril	1979	Normal
					Normale
				°C	
<u>Saskatchewan - Concluded - fin:</u>					
5B:					
Wynyard	15.8	94.7	117.1	16	16
Foam Lake	28.5	131.1	115.3	16	16
Kuroki	10.7	111.1	128.2	17	16
Kamsack, Cote	12.2	73.4	111.8	17	16
6A:					
Davidson	5.0	118.3	116.5	17	16
Strasbourg	10.4	129.9	132.4	19	16
Watrous	11.4	108.7	130.6	17	17
6B:					
Harris	20.5	107.6	107.4	17	17
Outlook	48.0	153.3	101.7	16	16
Saskatoon	54.3	151.9	101.0	17	17
Elbow	3.7	116.1	109.5	17	17
Tugaske	8.4	98.9	125.5	18	17
Dundurn	47.5	179.4	101.9	18	17
7A:					
Alsask	9.1	71.8	75.0	16	17
Kindersley	19.4	92.6	93.1	16	17
Rosetown	15.0	84.4	107.4	16	17
7B:					
Macklin	23.3	115.8	105.2	16	16
Denzil	13.6	116.7	112.3	15	16
Scott	10.7	112.1	107.3	14	16
Biggar	11.9	115.6	109.8	16	16
8A:					
Hudson Bay	19.8	104.8	120.5	16	16
Prairie River	9.9	110.9	124.9	16	15
Nipawin	28.0	175.7	113.2	16	17
8B:					
Humboldt	22.4	88.5	100.1	16	16
Melfort	33.8	150.7	104.0	16	16
9A:					
North Battleford	23.3	130.3	101.3	16	17
Prince Albert	24.5	148.4	105.7	14	16
9B:					
Meadow Lake	11.8	131.0	131.7	14	14
<u>AVERAGE - MOYENNE</u>	15.4	116.7	118.3	16.7	16.4

See footnote(s) at end of table.

Voir note(s) à la fin du tableau.



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TABLE 3. Precipitation and Temperature Data, Prairie Provinces(1) - Concluded

TABLEAU 3. Données sur les précipitations et la température provinces des Prairies(1) - fin

Province and crop district - Station	Precipitation - Précipitations			Mean temperature week ending 8 a.m. June 25	
	Week ending 8 a.m. June 25, 1979	Total since April 1	Normal since April 1	Température moyenne semaine se terminant à 8 h le 25 juin	
Province et district agricole - Station	Semaine se terminant à 8 h le 25 juin, 1979	Total depuis le 1er avril	Normale depuis le 1er avril	1979	Normal
	mm			°C	Normale
Alberta:					
1:					
Empress	..	97.1(2)	..	..	..
Foremost	(3)	119.4	120.4	17	17
Manyberries	24.0	121.4	120.9	17	17
Medicine Hat	29.3	127.6	112.6	17	18
2:					
Brooks	22.4	106.1	111.7	16	17
Gleichen	11.4	81.2	139.6	15	16
Vauxhall	11.0	69.5	112.4	15	17
Lethbridge	1.2	98.6	155.6	15	16
Elnora	..	65.1(2)	..	..	..
Queenstown	11.7	110.2	156.1	14	16
3:					
Calgary	34.1	123.5	152.0	13	14
Cardston	7.7	114.9	148.4	15	15
Pincher Creek	-	168.4	196.0	14	14
Fort MacLeod	3.1	113.3	167.1	14	16
High River	8.7	107.9	183.2	12	16
Olds	22.7	162.8	147.1	13	14
4:					
Alliance	31.3	128.4	115.4	14	16
Coronation	9.8	88.3	96.2	14	15
Hughenden	30.4	99.0	105.1	15	16
Lloydminster	21.4	134.6	112.9	14	16
Stettler	16.2	108.3	120.9	13	16
Vegreville	28.3	104.9	105.7	14	16
Ranfurly	25.3	109.6	111.4	14	16
Vermilion	54.8	154.6	106.6	14	14
5:					
Edmonton	24.4	136.1	121.4	14	16
Lacombe	..	65.7(2)	..	..	..
Red Deer	5.4	82.2	137.2	14	15
Rocky Mountain House	23.0	115.0	169.6	13	14
Gwynne	20.8	144.9	134.4	14	15
6:					
Cold Lake	39.7	131.7	110.0	14	15
Campsie	..	62.5(2)	..	..	..
Edson	40.1	166.9	156.7	12	13
Elk Point	15.6	111.8	109.8	13	14
Whitecourt	36.8	229.9	139.9	13	13
7:					
Beaverlodge	12.3	129.9	113.4	12	14
Chipewyan	5.2	50.6	72.7	15	14
Ft. Vermilion	21.6	138.6	82.7	16	14
Grande Prairie	14.8	135.1	111.2	14	14
Peace River	32.7	94.6	83.9	14	14
AVERAGE - MOYENNE	19.9	120.6	126.9	14.2	15.2

(1) Source: Atmospheric Environment Service, Environment Canada. - Service de l'environnement atmosphérique, environnement Canada.

(2) Incomplete; not included in average. - Incomplet; non compris dans la moyenne.

(3) Trace

.. Figures not available. - Nombres indisponibles.

- Nil or zero. - Néant ou zéro.