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C.R. No. 17
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y Authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce
DOMINION BUREAU OF STATISTICS - CANADA
AGRICULTURAL BRANCH

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Dominion Statistician:	S. A. Cudmore, M.A. (Oxon.), F.S.S., F.R.S.C.
Chief, Agricultural Branch:	C. F. Wilson, Ph.D.
Statistician, Agricultural Branch:	J. McAnsh.

TELEGRAPHIC CROP REPORT

Ottawa, August 11, 1942, 3 p.m.- The sixth of a series of 7 telegraphic reports covering crop conditions throughout Canada is issued today by the Dominion Bureau of Statistics. Included in this report is the twelfth of a series of 15 weekly telegraphic reports on crop conditions in the Prairie Provinces. One hundred and four correspondents, most of them agriculturists of the Dominion and Provincial Departments of Agriculture, but including selected private observers and grain men, supply the information on which these reports are based. The Meteorological Service of Canada, Toronto, supplies official weather data.

SUMMARY

Canadian crop conditions continue to present a very fine prospect as a whole. Recent rains have improved pastures and late crops in the Maritimes. Haying is about completed and the grain harvest is under way. Above average crops are in prospect in most areas. The Nova Scotia apple crop is expected to be slightly below that of last year. Quebec has almost completed the harvest of good crops of hay and clover and alfalfa. Cereal crops were forced along during the dry weather of the past fortnight and cutting of spring grains has already begun. Good yields of oats and barley are expected in spite of some instances of premature ripening. Potatoes and roots are also promising well. Heavy week-end rains have brought relief to late crops and pastures which were drying up. The same rains benefited particularly the eastern Ontario districts which have been dry this season. Harvesting of spring grains is general across Ontario with normal yields in prospect. A record yielding fall wheat crop has been harvested. Pastures continue in good condition in central and western Ontario, and the recent rains are expected to revive pastures in the eastern counties.

Crop conditions in western Canada continue to present a very bright picture tempered only by the general lateness of the harvest. Warmer weather was experienced the past week and crops showed signs of more rapid filling and ripening. The harvesting of early barley and oats and the occasional field of wheat is reported but cutting of wheat in Manitoba will not be general until the middle of this month at least while in Saskatchewan and Alberta much grain is still very green and will not be ready for cutting before the end of August or the first week in September. Rust infection of flax is not expected to damage the bulk of the crop seriously although there will be reduction of yield in some fields. Grasshopper damage does not appear to be serious anywhere but there is increasing evidence of sawfly damage as the harvest period approaches.

Fine, warm weather has facilitated the completion of haying operations in British Columbia and grain harvesting is now under way. Peaches are now moving from the Okanagan Valley and pears and apples are sizing well.

Maritime Provinces

Crop conditions are generally satisfactory in the Maritimes with beneficial rains occurring in most sections. In Prince Edward Island crops have been improved by frequent rains and an above average grain crop is now being harvested. Hay-making is practically completed with the crop about 85 per cent of normal. Roots, corn and potatoes appear to be very promising. The drought in Nova Scotia has been relieved by generous rains in the latter part of July and early August but pastures are still showing the effects of the prolonged dry spell. Some hay remains to be cut but the harvested crop is above average in quality and quantity. Harvesting of grain has commenced and the general outlook is for a fair crop. The apple crop is developing satisfactorily in most districts and estimates are for a crop only slightly below that of last year. Haying is practically completed in New Brunswick and an above average grain crop is now ripening. Rains have improved late crops and pastures and an excellent potato crop is forecast.

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Quebec and Ontario

A small part of the haying still remains to be done in Quebec, but in the main, high yielding crops of hay and clover and alfalfa have been stored. Cereal crops are ripening rapidly as a result of relatively dry weather in the past fortnight, and in scattered districts the ripening has been premature. On the whole, good crops of oats and barley are expected. Potatoes and roots are also good. The corn crop is somewhat backward as a result of cool weather. Pastures were deteriorating up until the past week-and when heavy rains brought welcome relief. Farmers have had to resort to supplementary feeding where the pastures have run short.

In Ontario the cutting of spring grain has proceeded rapidly and threshing is in full swing across the province. Harvesting has been difficult because of the considerable amount of lodging which occurred in the central and western districts. Almost all the fall wheat crop is either threshed or in the barns and record high average yields have been obtained. Yields of coarse grains are expected to be about normal and much better than a year ago. The dry areas of eastern and northern Ontario have now received heavy rains which will materially improve the late crops and pastures. Elsewhere in the province, pastures have been maintained in fairly good condition.

Prairie Provinces

Weather conditions have favoured the filling and ripening of grain crops in Manitoba during the past week and a good start has been made in the harvesting of early barley and occasional fields of wheat and oats. It is expected that harvesting will be general about the end of this week. Wheat crops are uniformly heavy over the province but other crops show more variation due to late seeding, poorer land and weed infestation. Barley is badly lodged in places but the first barley threshed in the Portage area yielded 50 bushels to the acre. Rust on flax is more general than in any previous year but present indications are that the bulk of the crop will not be seriously damaged although the yield will be reduced in some fields. Grasshopper damage is not serious.

Very little wheat will be cut in Saskatchewan before the middle of August and reports from the Swift Current area indicate that the crops are still very green with the peak of the harvest not expected there until September 10. A few fields of early barley are already in stock but there is much less activity in the Saskatchewan grain fields than in a normal year. The general appearance of wheat and coarse grain crops continues to indicate favourable prospects although there is an area around Senlac in the west centre which is suffering from lack of rain. The oats crop there is still green and needs moisture to fill. Oats and barley appear to be badly lodged on summerfallow and will be difficult to harvest. Wheat stem sawfly is more apparent as the harvest period approaches but damage to date is not serious. Warm weather is needed to hasten maturity in a large number of districts.

Although lateness characterizes conditions in Alberta the wheat and coarse grain crops are filling well and continue to give promise of excellent yields. Some barley is ready for cutting and the oats harvest will follow almost immediately but wheat appears to be some weeks away from general harvest with the exception of winter wheat some of which will be cut next week-end. Moisture conditions are satisfactory and continuation of warm sunny weather is the need of most crops. Harvesting of fall rye is well under way. The flax crop looks promising though a little weedy. Damage from grasshoppers is noticeable in spots but not serious on the whole. No other damage of serious proportions is reported. Webworm is prevalent in sugar beet areas.

British Columbia

Fine, warm weather in British Columbia has aided in the completion of haying operations and the harvesting of fall wheat is now practically over. Crop prospects in the Peace River and northern sections are very promising and the cutting of spring wheat is expected to commence about August 15. Field tomatoes are now moving in volume and early peaches are commencing to appear from the Okanagan district. Pears and apples are sizing rapidly and forage and vegetable crops are making excellent growth.

The first part of the report deals with the general situation of the country. It is a very interesting and informative study of the country's development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's development.

The second part of the report deals with the economic situation of the country. It is a very interesting and informative study of the country's economic development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's economic development.

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The third part of the report deals with the social situation of the country. It is a very interesting and informative study of the country's social development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's social development.

The fourth part of the report deals with the political situation of the country. It is a very interesting and informative study of the country's political development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's political development.

The fifth part of the report deals with the cultural situation of the country. It is a very interesting and informative study of the country's cultural development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's cultural development.

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The sixth part of the report deals with the future of the country. It is a very interesting and informative study of the country's future development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's future development.

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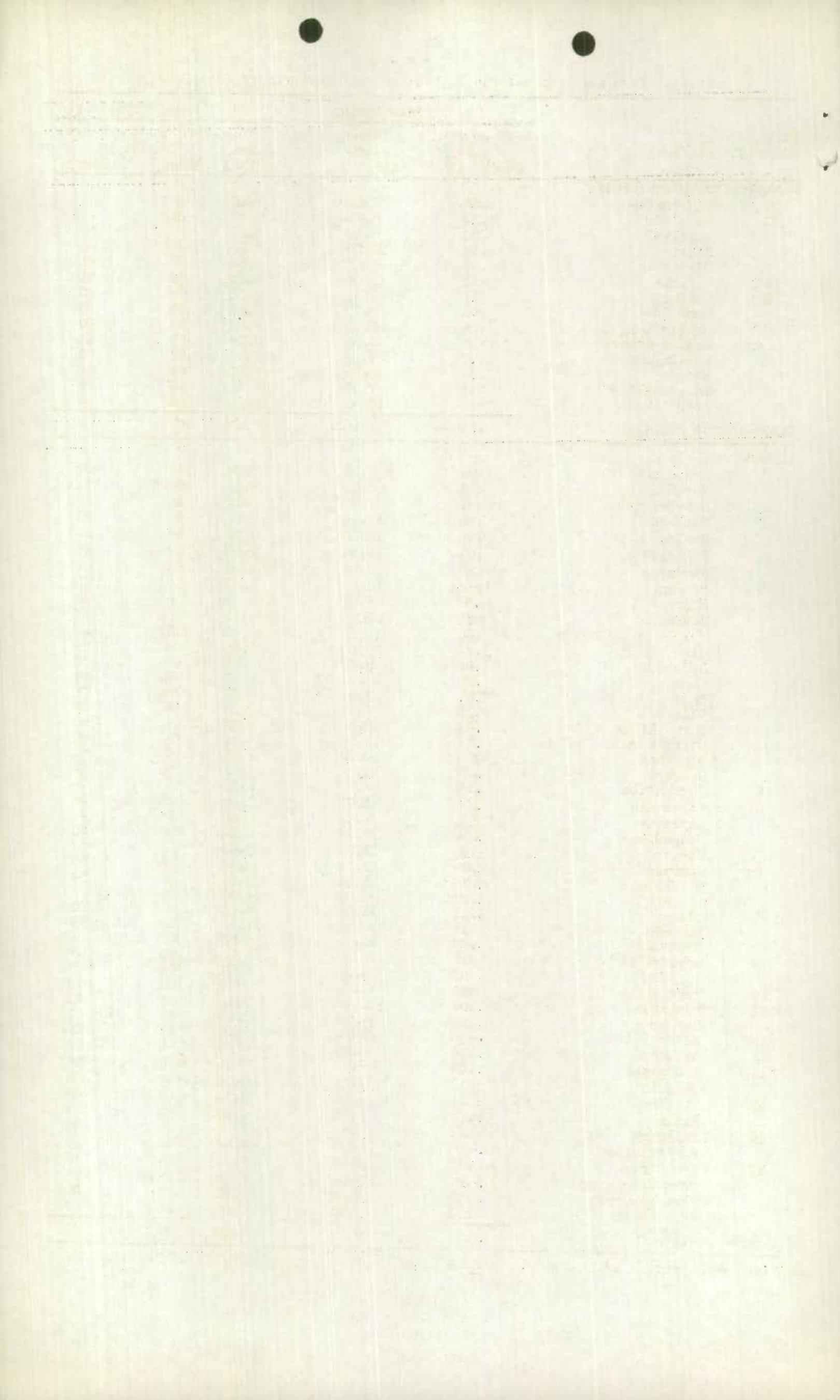
Precipitation and Temperatures in the Prairie Provinces

Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. August 10	since April 1	since April 1	August 10 Mean	Normal
Manitoba						
1	Pierson	.58	7.76	8.69	65	63
	Waskada	1.28	8.50	9.52	66	64
2	Boissevain	.02	7.38	8.66	65	65
	Ninette	N.R.	11.50 1/	9.18	N.R.	65
	Pilot Mound	.08	10.23	9.97	66	64
3	Emerson	1.02	8.81	8.72	67	65
	Morden	.10	11.31	9.32	68	65
	Graysville	.12	8.49	9.51	66	64
	Morris	2.22	9.93	9.13	66	65
	Portage la Prairie	nil	8.29	9.08	68	64
4	Winnipeg	.16	11.23	10.38	68	65
6	Sprague	2.44	10.89	9.84	64	64
	Pinawa	.02	4.52	7.68	66	62
7	Virden	.32	11.91	7.88	67	62
	Rivers	.65	12.51	9.15	66	63
8	Brandon	trace	8.17	9.27	65	63
	Cypress River	.24	8.93	9.16	66	64
9	Minnedosa	nil	9.98	9.05	65	62
10	Russell	.30	12.04	8.66	64	61
	Birtle	1.70	11.82	9.26	64	61
11	Dauphin	.03	8.95	8.03	68	62
13	Swan River	.10	10.47	9.23	66	60
	The Pas	nil	13.59	7.24	67	62
Manitoba Average		.52	9.80	8.98	66	63
Saskatchewan						
1A	Carlyle	.34	11.09	9.23	64	61
	Estevan	1.18	8.82	8.53	66	63
1B	Broadview	.38	8.27	8.43	64	62
	Moosomin	1.40	11.48	7.93	66	63
2A	Yellow Grass	.04	8.92	8.17	N.R.	64
	Midale	.04	10.37	9.08	66	63
2B	Moose Jaw	.23	12.57	8.42	67	64
	Regina	.69	11.49	8.53	65	62
	Qu'Appelle	trace	11.53	10.04	66	62
	Indian Head	.34	9.91	9.63	N.R.	61
	Francis	.20	9.89	7.09	64	63
3AN	Chaplin	.16	10.60	8.82	67	63
	Gravelbourg	.22	10.70	6.93	67	63
3AS	Assiniboia	.42	11.96	6.97	64	63
	Ceylon	nil	9.61	9.75	68	64
3BN	Swift Current	.89	12.45	8.64	67	65
	Hughton	.20	9.10	7.62	68	62
	Pennant	.18	10.26 1/	8.36	66	64
3BS	Aneroid	1.18	12.68	8.43	66	62
	Cadillac	.02	10.25	9.26	66	62
	Val Marie	.50	8.15	7.82	66	64
	Shaunavon	.10	9.58	7.21	67	62
	Instow	.56	9.99 1/	7.42	70	64
4A	Maple Creek	.08	9.61	8.06	65	64
	Consul	.84	10.42	6.70	64	61
4B	Roadene	.28	7.87 1/	7.64	68	62
5A	Yorkton	.92	12.28	8.72	63	61
	Hubbard	.56	9.80 1/	8.51	62	61
	Leross	N.R.	9.24 1/	8.56	N.R.	61
5B	Kamsack	.86	12.70	8.09	64	60
	Foam Lake	.58	9.13	8.46	64	60
	Lintlaw	.24	11.67	8.53	62	59
	Wynyard	N.R.	8.59 1/	7.30	N.R.	59
6A	Davidson	nil	11.10	6.95	67	62
	Nokomis	N.R.	9.51 1/	6.23	N.R.	61
	Semans	trace	10.70	5.54	66	61
	Strasbourg	.14	14.02	7.80	62	61
	Dilke	.62	10.27 1/	7.22	N.R.	-
6B	Saskatoon	.48	13.38	7.94	67	61
	Dundurn	.34	11.57	8.25	68	62
	Tugaske	.06	14.89	6.93	66	63
	Elbow	trace	13.18	6.93	68	62
	Oytlook	.14	14.12	6.01	69	62
	Harris	.22	12.59	7.61	66	62

Precipitation and Temperatures in the Prairie Provinces 2/ (Concluded)

Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. August 10	since April 1	since April 1	August 10 Mean	Normal
Saskatchewan (Concluded)						
7A	Kindersley	.36	7.81	7.16	66	61
7B	Ruthilda	N.R.	8.64 1/	8.28	N.R.	-
	Macklin	.30	8.57	8.27	64	59
	Scott	.46	10.57	7.60	64	60
	Biggar	.26	8.86	8.35	68	61
8A	Nipawin	nil	13.06	8.04	68	61
8B	Melfort	.61	11.02	8.35	68	62
	Humboldt	.01	9.78	7.03	65	60
9A	Rabbit Lake	.32	12.57	8.34	62	60
	Prince Albert	.15	15.39	8.05	68	61
9B	Battleford	.47	9.19	7.90	67	63
	Waseca	.06	10.45	7.80	64	59
	Lloydminster	nil	7.96	7.48	66	58
	Loon Lake	trace	10.01	9.27	64	59
Saskatchewan Average		.34	11.65	7.97	65	62
Alberta						
1	Medicine Hat	.24	9.85	7.08	70	67
	Foremost	.14	8.10	9.41	68	61
	Manyberries	N.R.	11.26 1/	7.12	68	67
2	Macleod	.40	17.88	7.91	67	63
	Cowley	.93	15.55	8.70	63	-
	Lothbridge	.07	14.24	7.93	67	64
	Cardston	.20	16.90	11.52	63	61
3	Brooks	trace	10.65	6.85	69	62
	Empress	.20	6.21	7.38	68	62
	Vauxhall	nil	7.88 1/	6.79	66	63
4	Vulcan	.08	11.32	8.19	N.R.	-
	High River	1.64	21.55	9.62	63	59
5	Drumheller	.60	5.47	8.59	69	60
	Hanna	.30	12.65 1/	9.43	66	59
	Naco	N.R.	7.44 1/	8.21	N.R.	58
6	Olds	.12	8.93	9.18	66	57
	Three Hills	.44	10.08	8.05	64	59
	Strathmore	.24	11.98	8.40	66	59
	Gleichen	trace	10.55	7.88	64	61
	Calgary	.02	11.71	9.61	64	62
7	Coronation	.08	13.75	6.98	67	58
	Hughenden	.66	11.87	7.89	N.R.	58
	Hardisty	nil	12.46	8.49	N.R.	-
	Sedgewick	.04	13.23	8.28	66	59
	Viking	nil	11.78	7.60	64	58
8	Camrose	.04	11.74 1/	8.63	66	60
	Wetaskiwin	.70	12.34	9.05	65	59
	Lacombe	.08	13.80	9.55	64	58
	Alix	.12	11.18	8.82	66	60
	Penhold	nil	10.61	11.13	65	58
	Stettler	.26	13.52	9.80	66	59
9	Springdale	nil	13.55	11.30	60	57
	Jasper	.03	4.24	4.71	64	55
10	Vegreville	nil	11.88	10.22	68	59
11	Edmonton	.09	13.43	9.82	67	60
	Calmar	.52	14.43	10.24	64	59
12	Edson	.06	11.90	9.47	65	56
13	Glendon	.10	9.49	8.13	65	58
14	Athabaska	.56	6.73 1/	8.80	N.R.	58
	Campsie	nil	9.76 1/	9.81	64	59
15	High Prairie	nil	8.58	8.30	68	60
	Kinuso	.02	8.12	8.01	69	59
16	Fairview	nil	6.45	5.99	68	59
	Beaverlodge	.04	7.27	6.86	67	59
17	Keg River	nil	5.65	8.17	64	60
	Fort Vermilion	N.R.	3.32 1/	6.19	N.R.	59
	Fort McMurray	.40	4.55	7.71	68	60
	Fort Smith	nil	.90	5.07	66	57
Alberta Average		.21	10.90	8.39	66	60

N.R. No Report. 1/ Incomplete. 2/ Source: Meteorological Service of Canada.



REPORTS OF CORRESPONDENTS

PRINCE EDWARD ISLAND

Charlottetown, Dominion Experimental Station

Frequent beneficial rains have improved prospects for all crops. Haymaking about completed, 85 per cent average crop. Harvest becoming general. Cereals above average. Roots, corn and potatoes very promising. Raspberries above average. Large fruit below average crop. Vegetables early with satisfactory yields. Insects plentiful.

Charlottetown, Supervisor Illustration Stations

Precipitation recorded in August 1.28 inches. Moisture materially improving conditions of root crops and late seeded grains. Early grain ripe and some light stands are already cut. Haying still not completed in many sections due to labour shortage. Barley generally slightly better than average with oats and wheat a little lighter.

NOVA SCOTIA

Halifax, Provincial Department of Agriculture

Nearly three inches of rain, which has fallen since the 22nd of July, has partially relieved drought in potatoes, vegetables and late grain. Pastures are still very dry and there is little aftergrowth in hay fields. Milk production has dropped seriously. More rain is badly needed. Owing to labour shortage considerable hay remains to be cut, but the harvested crop is above average in quantity and quality. Some excellent fields of grain have been cut or are in immediate prospect, but some fields will be very light with a general outlook for a fair crop. Favourable early rains can still bring about at least a good average year.

Annapolis Royal, Dominion Entomological Laboratory

Rain August 10 has improved moisture conditions but drought has retarded growth some districts. Apple crop developing satisfactorily most districts and official estimate of 95 per cent of 1941 crop considered too low. Plums developing satisfactorily and Shiroes ready by August 20.

NEW BRUNSWICK

Fredericton, Department of Agriculture

Excellent harvesting weather prevailing and grain cutting began August 6. Upland haying drawing to desultory finish, but large acreage of meadow and marsh hay still standing. Pastures freshened by general rain of two inches on tenth. First carlot shipment Cobbler potatoes made on sixth. Potato crop excellent in commercial production section. Hay, roots, grain promise above average yields.

Fredericton, Dominion Experimental Station

Rains timely although below average. Haymaking practically completed, good yield stored in good condition. Grain ripening rapidly. Prospect above average. Very little lodging. Dry weather has not noticeably checked growth roots, vegetables and potatoes but is drying up pastures. Traces of light blight on potatoes. Apples below average, especially McIntosh.

Fredericton, Supervisor of Illustration Stations

Haymaking throughout New Brunswick three-quarters finished. Crop average. Weather conditions satisfactory for storage but a considerable portion of crop low in quality due to over maturity. Pastures and after grass have suffered from drought but timely rain today will improve this condition materially. Root crops making satisfactory growth.

THE HISTORY OF THE UNITED STATES

The history of the United States is a story of growth and development. It begins with the first settlers who came to the continent in search of a new life. They found a land of opportunity and a land of freedom. They built a nation that has become a world leader in science, industry, and culture.

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NEW BRUNSWICK (Concluded)

Fredericton, Dominion Entomological Laboratory

Conditions for plant growth continue favourable. Grain is ripening without storm injury. Tomatoes and sweet corn are ready for use and of good quality. Some late blight is appearing on potato plants and spraying for control is being intensified. Sucking insects, particularly aphids, are abundant.

QUEBEC

Quebec, Agricultural Statistician, Department of Trade and Commerce of Quebec

A small proportion of hay is still to be cut. The balance was stored in good condition and gave a heavy yield. Actual conditions of principal crops are as follows: Hay and clover and alfalfa very good. Cereals, potatoes and roots good. Pastures fairly good. Corn varying from good to mediocre due to cool nights. Dairy production is being maintained at a high level as farmers are feeding green forage and commercial mixtures in the districts where pastures are drying.

Quebec, Provincial Laboratories of the Plant Protection Service

Grasshoppers numerous in some localities during last two weeks. Corn borer which had a slow development due to cold weather is now very active. Carrot flies very abundant. Codling moth and stem borer seen in many plantations. Early blight of potatoes caused more damage than usual. Mildew and blemishes are threatening everywhere. Tomato blight, bean anthracnose, clubroot and blemishes of cucumber are plentiful this summer. Bacterial blight is general in orchards throughout the province and apple scab is seen on trees where spraying has not been done. General situation does not cause any alarm for the present but is not as promising as in the preceding fortnight.

Ste. Anne de la Pocatiere, Dominion Experimental Station

Rainfall during past fortnight 0.76 inch. Pastures suffering acutely from effects of prolonged drought. Decline 15 per cent in clover hay. Ripening cereal crops precipitated. Hoed crops and aftermath in meadows retarded. Potato crop less promising.

Normandin, Dominion Experimental Station

Precipitation .94 inch during last fifteen days. Haying almost completed. Quality and yield very good. Pasture medium. Grain crops excellent. Sunflowers and garden crops good. No insect damage. Milk flow going down but still above last year. Blueberry crops very good, commanding good prices.

Normandin, Supervisor of Illustration Stations

Everywhere in district weather was very dry during last twelve days. Haying nearly completed. Yields good from second year meadows, medium from first year. Pasture short. Cereals and hoed crops excellent. Gardens looking well. No severe diseases noted. No serious damage by insects. Blueberry crop good with good demand.

Lennoxville, Dominion Experimental Station

Hay crop generally good but haying not yet completed on a great many farms because of the scarcity of help. In certain areas grain crops are ripe and will have to be cut before haying is completed. Hoed crops are fair but have been neglected for the same reason. Pastures generally are suffering from lack of rain.

L'Assomption, Dominion Experimental Station

Hay crop has been light, second growth of alfalfa good. Pasture very poor. Oats maturing too fast on account of drought. Corn silage will be short. Flue-cured tobacco very uneven, cigar tobacco also uneven and acreage reduced. Will give the smallest crop we have had for many years. The persistent drought damages all crops.

ONTARIO

Toronto, Provincial Department of Agriculture

The cutting of spring grain has proceeded rapidly during the last two weeks and threshing is in full swing in all parts of the province. Due to the large amount of straw and extensive lodging of grain in central and western Ontario the work of harvesting has been greatly increased, making more difficult an already acute labour situation. The average yield of fall wheat is the highest on record. Total production of spring grain crops will be slightly below normal but much better than in 1941. Two areas in the province suffered from dry weather during July and crop prospects are considerably below average in these areas which are made up of Grenville, Dundas, Stormont, Glengarry, Prescott, Russell and Algoma, Sudbury, Timiskaming, Nipissing, Parry Sound, and Bruce Peninsula. Good rains have fallen in both western and eastern Ontario during the past two weeks and late crops, which were generally below average in condition throughout the province, will be benefited. Pastures are in good condition except in the two dry areas where they are burnt.

Chatham, Dominion Entomological Laboratory

Grain harvest delayed considerably by wet weather. Other crops progressing favourably. No serious insect damage to crops.

Harrow, Dominion Experimental Station

Remarkable improvement tobacco, corn, late tomatoes, from recent rains. Fair yield tobacco now anticipated though some local damage from hail, rain and excess water. Harvesting and curing flue tobacco general. Quality fair. Corn filling well. Threshing grain advanced. Good yields reported. Unthreshed grain spoiling from excess moisture.

Walkerton, Agricultural Representative

Although labour is scarce harvest operations are progressing favourably with continued fine weather. 75 per cent of the wheat is either threshed or in the barns. The yield is very heavy. Over 50 per cent of spring grains are now cut. Yields of grain will be considerably above normal. Pastures drying up in some cases but there is a good growth of aftermath in hog meadows. There will be considerable timothy for seed but the acreage being left for alfalfa and clover seed is very small. Turnips and corn are making good growth but the corn is late.

Galt, Agricultural Representative

Ninety per cent of the spring crop is cut and stooked. Farmers are busy threshing fall wheat. Some oats have been threshed from the field. Yields per acre are high. Corn and root crops are showing excellent promise.

Barrie, Agricultural Representative

Due to favourable weather good progress in harvesting was made during past week. Most of the wheat and barley is cut and about half the oat crop. Threshing of wheat is general. Late sown spring grain quite disappointing. Pasture is good and aftermath is excellent. Labour shortage continues to be chief worry of farmers. A considerable acreage of hay was lost through shortage of help.

Kapuskasing, Dominion Experimental Station

Cereal crop conditions improved greatly in this district. Haying about completed. Light crop but good quality. Prospects of a good crop of potatoes but need sunshine to ripen grain. Pastures good and live stock in excellent condition.

Kapuskasing, Supervisor Illustration Stations

Haying operations well advanced. Spell of bad weather last week delayed haying operations. Hay crop about 35 per cent less than last year. Crop cured in good condition. Grain crops very good, promising yield. Pastures fairly good.

Introduction

The purpose of this study is to investigate the effects of the proposed changes on the system. The study is divided into two main parts: a theoretical analysis and an empirical study. The theoretical analysis is based on the principles of the system and the proposed changes. The empirical study is based on the results of the experiments conducted. The results of the study are presented in the following sections.

1. Theoretical Analysis

The theoretical analysis is based on the principles of the system and the proposed changes. It is divided into two main parts: a theoretical analysis of the system and a theoretical analysis of the proposed changes. The theoretical analysis of the system is based on the principles of the system and the proposed changes. The theoretical analysis of the proposed changes is based on the results of the experiments conducted.

2. Empirical Study

The empirical study is based on the results of the experiments conducted. It is divided into two main parts: a description of the experiments and a discussion of the results. The description of the experiments is based on the results of the experiments conducted. The discussion of the results is based on the results of the experiments conducted.

3. Discussion

The discussion is based on the results of the experiments conducted. It is divided into two main parts: a discussion of the results and a discussion of the implications. The discussion of the results is based on the results of the experiments conducted. The discussion of the implications is based on the results of the experiments conducted.

4. Conclusion

The conclusion is based on the results of the experiments conducted. It is divided into two main parts: a conclusion of the results and a conclusion of the implications. The conclusion of the results is based on the results of the experiments conducted. The conclusion of the implications is based on the results of the experiments conducted.

References

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Appendix

The appendix is based on the results of the experiments conducted. It is divided into two main parts: a list of appendix and a discussion of the appendix. The list of appendix is based on the results of the experiments conducted. The discussion of the appendix is based on the results of the experiments conducted.

- 8 -

PRAIRIE PROVINCES

REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

Brandon, Manitoba

In northern districts of Winnipegosis, Rorketon and Dauphin grasshopper infestation normal but no damage. In areas of Poplar Point to Teulon and south-east Red River Valley damage continues to barley and flax. Further late damage to flax and oats is anticipated.

Lethbridge, Alberta

About one thousand acres guar beets affected by beet webworm with some damage but good recovery expected. Grasshoppers stripping leaves of grain in a few local districts.

HAIL DAMAGE

Manitoba (North West Adjustment & Inspection Company, Limited, Regina)

Light to medium hail Foxwarren, Inglis, Souris, Russell and Silverton.

Saskatchewan (The Saskatchewan Municipal Hail Insurance Association, Regina)

No serious hail losses have occurred since last report.

Alberta (The Alberta Hail Insurance Board, Calgary)

Hail reported in Forestburg, Delia, Elnora, Vulcan, Holden, Wainwright, Andrew and Wrentham district during this week.

MANITOBA

Winnipeg, Provincial Department of Agriculture

Excellent weather past week for filling and ripening. In earlier districts a good start made to harvesting barley and occasional fields of wheat and oats. Harvesting general most districts by end of week. Wheat outstanding in uniformly heavy stands and other crops good but more variation account less favourable land, lateness of seeding and weeds. Most districts considerable lodging especially heavy fields of barley. Rust unlikely to seriously affect crop. About half corn acreage promising but balance approaches failure. Sugar beets quite promising.

Winnipeg, Dominion Rust Research Laboratory

Practically no stem rust on cereals in western Canada. Leaf rust of wheat is severe throughout Manitoba and eastern Saskatchewan on Thatcher. A light general infection of crown rust is present on oats except in the Red River Valley where it is heavier. Dwarf leaf rust of barley is general but moderate except in a few fields where it is fairly heavy. Flax rust is heavier and more general in western Canada than in any previous year but varies greatly in severity from field to field. From present appearances the bulk of the flax crop will probably not be seriously damaged by rust although there will be considerable yield reduction in some fields.

SOUTH-CENTRE

Morden, Dominion Experimental Station

Crop ripening slowly. Some fields of oats and barley cut but wheat cutting will not be general until middle of month. Crop very heavy and considerable amount lodged. Pasture good but corn is backward and many fields are quite late. Moisture plentiful.

SOUTH-WEST

Melita, Telegraphic Correspondent

Wheat cutting general about August 14 but barley and oats general now. Some flax rusted, some good to patchy. Pastures good and gardens excellent except in hail area.

CENTRE

Portage la Prairie, Agricultural Representative

Harvesting general by Friday. First barley threshed fifty bushels per acre. Ten per cent barley and oats cut and some wheat cut. No hail or other apparent damage. Grain storage serious problem. Farmers building bins both permanent and temporary. Haying completed and pasture and stock excellent also peas and sugar beets.

WEST-CENTRE

Brandon, Dominion Experimental Farm

Favourable weather for crops. Barley ripening rapidly and wheat turning colour more slowly with leaf rust on susceptible varieties. Fall rye cutting completed and barley cutting has commenced. Corn now developing more rapidly.

Woodnorth, Telegraphic Correspondent

With favourable weather harvesting of rye, barley and early oats progressing satisfactorily. Wheat and flax are filling well and apparently all grain crops will give satisfactory yield. Some damage by hail but not in our immediate district.

NORTH-CENTRE

Teulon, Agricultural Representative

All grains ripened rapidly during warm dry weather of past week. Cutting of early sown coarse grains has started and wheat cutting will commence August 17. No hail damage but rust and drought damage to late sown coarse grains. Remainder of crop very satisfactory.

NORTH-WEST

Minnedosa, Telegraphic Correspondent

Warm weather and less rain filling grain well. Crops heavy. Summer-fallow barley badly lodged but wheat and oats standing reasonably well. Considerable rust on barley and flax; slight on wheat and oats. All crops late. Some barley may be cut in about ten days. Pastures good and live stock doing well.

Neepawa, Agricultural Representative

Barley cutting is general. Will yield 35 bushels. Wheat cutting August 15 and yield 28 bushels. Oats cutting August 15 and yield 40 bushels. Weather remains warm and dry. Early flax filling well but late flax is rusted. Its future depends on weather conditions.

Russell, Telegraphic Correspondent

All field crops and gardens progressing satisfactorily. Fifty-six per cent of rye and thirty per cent wheat damaged by hail in small section. Red leaf rust appearing on all grains. Rye and barley cutting will commence this week. Haying delayed by wet weather.

Swan River, Telegraphic Correspondent

Rye harvest well advanced and ten per cent barley cut. Wheat and oats ripening fast. Bad storm Saturday night and some heavy crop badly lodged and may reduce grade. Yields should be well above average. Slight hail damage in small area. Stock looking fine and fruits and gardens splendid.



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SASKATCHEWAN

Regina, Provincial Department of Agriculture

The general appearance of wheat and coarse grains is good in practically all parts of the province and crops continue to show favourable prospects. There are, however, a few small areas chiefly on the light land in the south-west where insufficient moisture has caused a considerable reduction in prospective yields and a severe hailstorm in the Bengough district destroyed many fields in the vicinity with a consequent lowering of the general average expected in that district. Considerable damage also occurred in the Rockglen area and at several other scattered points. Damage so far from other sources has been negligible although in south-central and west-central Saskatchewan the wheat stem sawfly is becoming more apparent as harvest approaches. Leaf rust is present on wheat and coarse grains over a large portion of the province being severe in some fields. Flax crops particularly in the southern districts are more seriously affected however with stems as well as leaves involved. Cutting of early coarse grains has commenced and some wheat cutting is expected at a few points during the present week. Wide variations exist in the anticipated dates of the commencement of wheat harvesting in different parts of the province and generally very little wheat will be cut before the middle of August. In most districts cutting probably will commence during the last two weeks of August while some crops on heavy land may not be ready until early September. Moisture conditions on the whole are satisfactory although several areas report the soil becoming dry due to the heavy demands made by rank growth and the filling process. Weather generally has been warmer with light to moderately heavy local showers and heavy dews at night. Warm dry weather is required over the greatest portion of the province to hasten maturity and lessen the danger of early frost. Live stock and pastures are in good to excellent condition.

SOUTH-EAST

Manor, Telegraphic Correspondent

Crop made good progress this past week. More heavy rain is causing considerable lodging in barley. Very early barley and rye being cut. Most crops are two weeks late and need dry, warm weather. Difficult haying weather. A heavy crop is being cut.

Indian Head, Dominion Experimental Farm

Wheat crop ripening very nicely and a few early fields may be cut this week-end. A few fields of early barley already in stook. Barley and oats on summer-fallow will be difficult to harvest due to lodging. Rust infection reported on flax. Fairly good weather for haymaking. Pastures in good condition. Rainfall for week .34 of an inch.

SOUTH-WEST

Swift Current, Dominion Experimental Station

Crop prospects all grain crops excellent except rye which is thin. Some flax damage by wilt and rust. Expect early barley and rye harvest August 15 and some early wheat August 30. Sufficient moisture to fill most crops but 80 per cent of crop still quite green and peak of harvest not expected earlier than September 10. Rains and heavy dews still hinder haying operations. Vegetables very promising. Live stock and pasture excellent.

EAST-CENTRE

Willowbrook, Telegraphic Correspondent

Wheat ripening slowly but well filled. Harvest about August 25. Barley and rye 75 per cent harvested. Oats harvest about August 25. No damage reported.

THE HISTORY OF THE UNITED STATES

The history of the United States is a story of growth and development. It begins with the first settlers who came to the continent in search of a new life. They found a land of vast resources and opportunities, but also one of many challenges. The early years were marked by conflict and struggle, as the settlers fought to establish a new society. Over time, the United States grew from a small colony into a powerful nation. It became a land of freedom and opportunity, where people from all over the world came to seek their fortune. The United States has a rich and diverse history, and it is a country that has made many contributions to the world.

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SASKATCHEWAN (Concluded)

WEST-CENTRE

Rosetown, Telegraphic Correspondent

Precipitation April 1 to date 10.05 inches. Warm weather required. Local downpours made for some lodging of oats and barley.

Scott, Dominion Experimental Station

Crop conditions continue generally favourable with hot weather and scattered light showers. Harvesting of early sown barley with binders has commenced on light land but wheat cutting is two weeks away. No stem rust on wheat and leaf rust common but not serious. Scattered grasshopper damage.

Senlac, Telegraphic Correspondent

All local crops have been subject to further deterioration from lack of moisture during last week. Oat crop in green stage and must have rain to fill. Potatoes look good. General prospects are fair. No damage other than heat.

NORTH-EAST

Melfort, Dominion Experimental Station

Rain during past week totalled .21 of an inch. Warm sunny weather has brought crops along rapidly and a few barley fields being cut. Wheat will not be ready for another ten days. Some leaf rust showing.

NORTH-WEST

Prince, Telegraphic Correspondent

Crops are maturing very fast and some early barley being cut and should go about 50 bushels per acre. Wheat cutting will be general about August 17 and will average about 30 bushels per acre. Oats are very good and should average about 65 bushels per acre. Flax should go about 15 bushels per acre. Help is very scarce.

ALBERTA

SOUTH-EAST

Manyberries, Dominion Range Experimental Station

General heat with light local showers some districts. Fall rye 50 per cent harvested and haying operations nearly complete. Barley ready for harvesting and oats will follow immediately. Range conditions excellent.

SOUTH-WEST

Lethbridge, Dominion Experimental Station and Illustration Stations

Scattered showers general and fairly warm days but maturing crops normal. Rye harvest under way and some barley fields being combined in drier areas. Grasshoppers causing some worry in a few localities and poisoning in progress. Sugar beet webworms reported in one section of beet area.

Cardston, Telegraphic Correspondent

Scattered showers over most of district the past week but otherwise the weather has been good. Crops are progressing favourably and if weather continues to stay hot harvest will be on with winter wheat and coarse grains within the week.

Clareholm, Telegraphic Correspondent

All crops maturing rapidly but will take three weeks or more to ripen most of the wheat. No damage.

Section 1: Introduction

The purpose of this document is to provide a comprehensive overview of the project's objectives and scope.

Section 2: Objectives

The primary objective of this project is to develop a robust system that can handle large volumes of data efficiently.

Section 3: Scope

The scope of the project includes the design, development, and testing of the system components.

Section 4: Methodology

Section 5: Results

The results of the initial testing phase show that the system is capable of handling the expected load.

Section 6: Conclusion

Section 7: References

The project was supported by the following resources and personnel.

Section 8: Appendix

Section 9: Glossary

Section 10: Acknowledgments

We would like to thank the following individuals for their contributions to the project.

Section 11: Contact Information

Section 12: Revision History

This document is subject to change without notice. The latest version is always the most current.

Section 13: Legal Disclaimer

The information contained herein is for informational purposes only and does not constitute an offer.

Section 14: Privacy Policy

Our privacy policy is designed to protect your personal information and ensure its secure handling.

ALBERTA (Concluded)

EAST-CENTRE

Hanna, Telegraphic Correspondent

Conditions continue good with barley and rye turning. Wheat a little late. Flax good but getting weedy. Some reports of rust.

CENTRE

Stettler, Telegraphic Correspondent

Ideal harvest weather and crop maturing fast. We have what looks like a bumper crop. Good crop of hay being put up and pastures are good.

Sedgewick, Telegraphic Correspondent

No rain during the week. Weather warm and crop filling and making favourable progress but harvest will be late.

WEST-CENTRE

Calgary, Telegraphic Correspondent

Weather past week cool with showers. All crops filling and making favourable progress. Early barley will be cut this week.

Olds, Telegraphic Correspondent

Weather continues warm and all crops are filling well. Some of early seeded barley beginning to colour but great percentage ten days late. Slight hail storm over small area but damage not heavy.

Edmonton, Telegraphic Correspondent

Weather past week warm. No rain and ideal for ripening crops. Some fields of wheat turning and odd barley fields ready to cut. No damage to date.

NORTH-WEST

Beaverlodge, Dominion Experimental Station

Continued warm dry weather ripening crops prematurely at expense of filling. Some barley, oats, winter grain and the odd field of spring wheat already cut. Cloudy and cooler today.

BRITISH COLUMBIA

Victoria, Provincial Department of Agriculture

The weather during the past two weeks has been generally fine and very warm. Harvesting of fall wheat is practically over. Haying operations nearing completion. Cutting of coarse grains has commenced in the southern portions of the province. In the Peace River and northern sections of province crop prospects are very promising. Cutting spring wheat will commence about August 15. Field tomatoes are moving in volume. Apricots practically over. Early peaches commencing to move from southern Okanagan districts.

Saanichton, Dominion Experimental Station

Weather has been bright and dry without rain. Harvesting of spring seeded grains becoming general, yields not high. Small fruits with the exception of blackberries are cleaned up. June bugs have been troublesome in strawberry plantings. Apples and early varieties of plums are moving to the market.

CHAPTER I

SECTION I

ARTICLE I

Section 1. All legislative Powers herein granted shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives.

SECTION II

ARTICLE II

Section 1. The executive Power shall be vested in a President of the United States of America.

ARTICLE III

Section 1. The judicial Power shall be vested in one Supreme Court, and in such inferior Courts as the Congress may from time to time ordain and establish.

SECTION III

ARTICLE IV

Section 1. The United States shall guarantee to every State in this Union a Republican Form of Government.

ARTICLE V

Section 1. The Congress, whenever two thirds of both Houses present, shall propose Amendments to this Constitution, which, when ratified by three fourths of the whole Number of States, shall be valid, as part of the Constitution.

ARTICLE VI

Section 1. This Constitution, and the Laws of the United States which shall be made in Pursuance thereof; and all Treaties made, or which shall be made, under the Authority of the United States, shall be the supreme Law of the Land.

SECTION IV

ARTICLE VII

Section 1. The Ratification of the States of the United States of America, in Accordance with the Proposals of the National Convention, shall be the Act of the People of the United States, and ratifications so made shall be valid.

ARTICLE VIII

ARTICLE IX

Section 1. The Privilege of the Writ of Habeas Corpus shall not be suspended, unless when in Cases of Rebellion or Invasion the public Safety may require it.

ARTICLE X

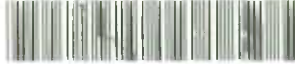
Section 1. The States may enter into Compacts and Agreements with each other, or with the United States, or with any State, Territory, or Foreign Power, provided that such Compacts and Agreements shall not be so construed as to affect the Supremacy of the United States, or the Equality of the States.

BRITISH COLUMBIA (Concluded)

Summerland, Dominion Experimental Station

Weather fine with temperatures up to 93. Several thunderstorms but little rain. Soil moisture favourable. Irrigation supplies adequate. Early peaches moving in volume. Pears and apples sizing rapidly. Forage and vegetable crops making excellent growth.

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