



PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF AGRICULTURE

CLIMATE OF BRITISH COLUMBIA

TABLES OF RAINFALL, SNOWFALL
SUNSHINE, AND TEMPERATURE
FOR THE YEAR 1919

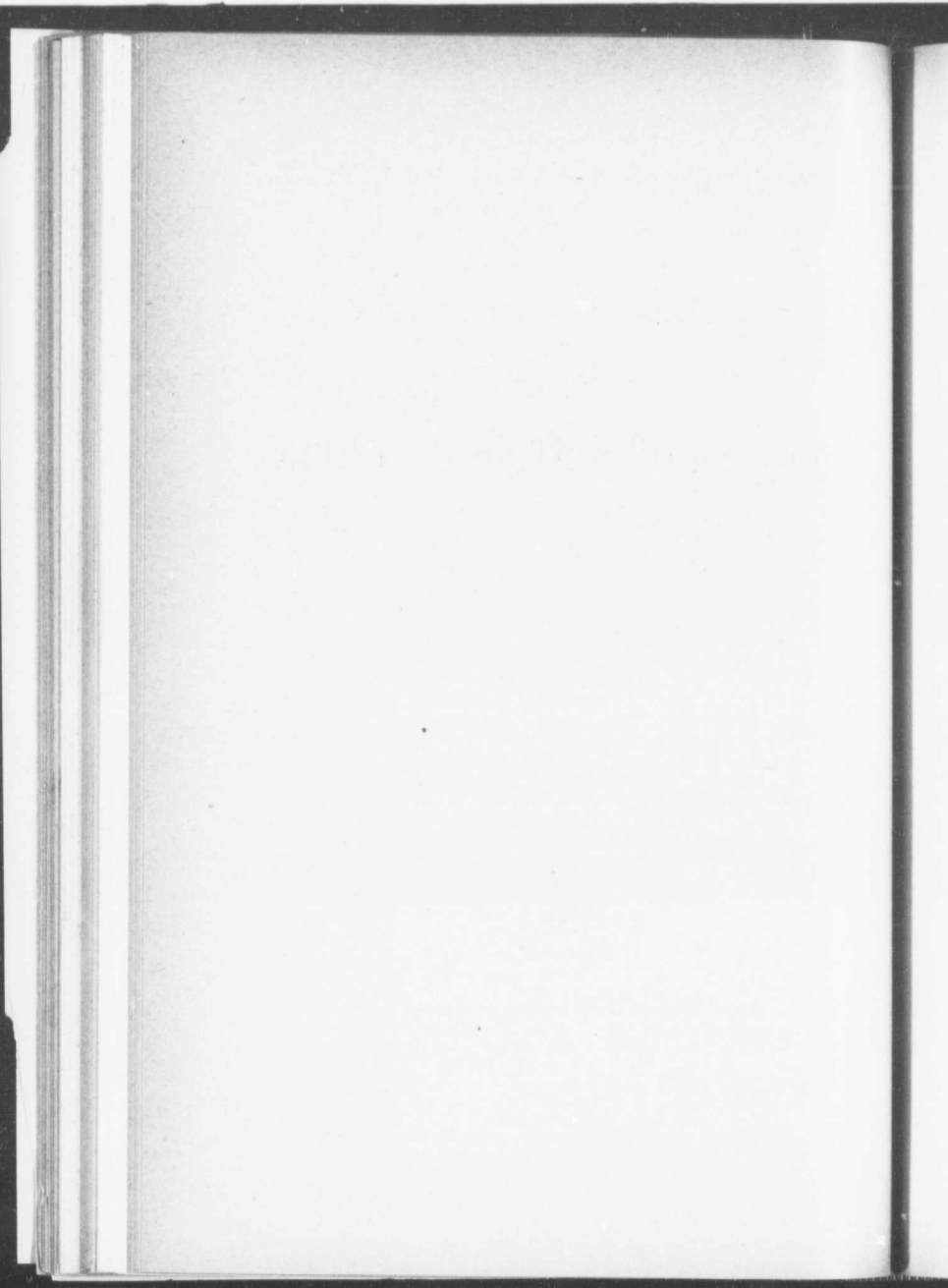
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1920.



DEPARTMENT OF AGRICULTURE,

VICTORIA, B.C., February 17th, 1920.

*To Colonel the Honourable EDWARD GAWLER PRIOR,
A Member of the King's Privy Council for Canada,
Lieutenant-Governor of the Province of British Columbia.*

MAY IT PLEASE YOUR HONOUR:

I have the honour to submit herewith the Fifth Edition of Bulletin No. 27, entitled the "Climate of British Columbia," which has been compiled by Mr. F. Napier Devison, Superintendent of the Gonzales Heights Observatory.

I have the honour to be,

Sir,

Your obedient servant,

E. D. BARROW,

Minister of Agriculture.



FOREWORD.



GENERALLY speaking, the climate of this Province greatly resembles that of the European countries lying within the same parallels of latitude, and extending from the British Isles to the Baltic Provinces. Owing to the tempering effect of the Pacific Ocean, the winters on the Coast are remarkably mild and the summers cool. Heavy rains occur in winter on the west coast of Vancouver Island and on the western side of the Coast Mountains on the Mainland, while on the eastern portion of Vancouver Island the precipitation is comparatively light, and at the southern extremity about Victoria it is remarkably so, while the amount of bright sunshine exceeds that recorded at other British Columbia stations.

Throughout the interior of this Province the precipitation and temperature vary greatly, according to local physical conditions. In some districts between the mountain ranges the rainfall is so light that irrigation is necessary and maximum summer temperatures range from 90 to 100 degrees.

The following tables give the monthly and annual temperature, precipitation, and sunshine for the Dominion meteorological stations in this Province for the year 1919.

The average temperature and precipitation is also given for those stations where ten or more years' observations have been obtained.

In 1919 the weather during the months of July, August, and September was unusually hot and dry, and particularly so in the Okanagan District, while in October, November, and December it was abnormally cold in all parts of the Province.

METEOROLOGICAL TABLES.

OF THE DOMINION METEOROLOGICAL STATIONS IN BRITISH COLUMBIA. COMPILED BY
F. NAPIER DENISON, SUPERINTENDENT, GONZALES HEIGHTS OBSERVATORY, VICTORIA, B.C.

Table 1.

TEMPERATURE AND PRECIPITATION FOR THE YEAR 1910.

Station.	TEMPERATURE.		PRECIPITATION.	
	Highest.	Lowest.	Rainfall.	Snowfall.
SOUTH VANCOUVER ISLAND.				
Alberni (Port)	Deg. F. 92.0	Deg. F. 3.5	Inches. 73.46	Inches. 15.65
Alberni	96.9	0.0	68.04	26.75
Bamfield* .....	...	...	105.72	1.50
Beaver Lake (Royal Oak)* .....	...	...	32.64	4.50
Cheaminius* .....	...	...	47.27	5.75
Clayoquot	71.0	15.0	106.60	...
Cowichan (Tzouhalem)	84.6	6.5	41.83	3.00
Departure Bay	86.4	11.5	36.92	4.80
Denman Island* .....	...	...	43.71	20.69
Espinalt* .....	...	...	33.98	...
Goldstream Lake* .....	...	...	53.27	54.50
Hornby Island* .....	...	...	60.04	10.10
James Island	84.0	21.0	39.82	3.65
Jordan River .....	...	...	68.30	Trace.
Jordan River (Bear Creek)* .....	...	...	70.50	90.70
Ladyamith	85.0	9.0	50.37	13.25
Lazo	87.0	5.0	45.24	36.80
Little Saanich Mountain	83.0	11.0	29.45	7.23
Little Qualicum* .....	...	...	27.44	3.50
Metehosin	80.0	10.0	37.44	Trace.
Nanaimo	83.2	10.5	34.01	3.40
Nanose Bay	84.0	7.0	29.45	...
Parksville* .....	...	...	30.61	8.00
Saltspring Island	85.0	14.0	38.82	7.75
Sandwick* .....	...	...	60.20	23.60
Shawigan Lake	85.0	5.5	36.25	14.25
Sidney	85.0	14.0	29.17	6.50
Sooke Harbour	83.0	12.0	36.79	...
Sooke Lake* .....	...	...	62.24	15.50
Tchilet	80.0	11.0	41.16	7.50
Vananda	81.0	6.5	31.82	15.20
Victoria	84.5	15.5	28.29	0.40
NORTH VANCOUVER ISLAND.				
Holberg	78.0	15.0	93.64	8.10
Mary Island	85.0	11.0	43.66	...
Quntalno	76.0	14.0	70.52	5.00
Triangle Island	66.0	...	...	...
LOWER FRASER RIVER.				
Agassiz	92.0	8.0	70.03	60.00
Britannia Beach	84.0	9.0	73.73	27.25
Chilliwack	88.0	3.0	65.64	4.25
Coquitlam* .....	...	...	61.90	21.00
Hope (Little Mountain)	92.0	1.5	48.26	66.55
Ioco* .....	...	...	77.27	18.50
Ladner	79.0	41.0	47.16	7.50
New Westminster	86.1	10.3	52.26	29.00
North Nicomen	90.0	4.0	68.36	51.40
Stave River Falls	91.0	6.0	79.45	26.75
Steveston	75.5	7.0	27.56	1.75
Vancouver	81.3	11.2	54.01	32.00
LILLOOET LAKE				
Pemberton Hatchery	94.0	- 3.0	23.25	56.00
Pemberton Meadows	93.0	-13.0	27.87	102.00
MIDDLE FRASER RIVER.				
North Bend	99.0	-0.0	32.21	59.85
UPPER FRASER RIVER.				
Alkali Lake† .....	...	...	...	...
Babine Lake	82.0	-34.0	8.02	90.75
Barkerville	78.0	-26.0	21.45	138.80
Chilcofin	87.0	-42.0	6.26	40.50
Cranberry Lake	93.0	-47.5	11.44	54.00
Donne Creek	85.0	-34.0	...	...
Fort George (now Prince George)	88.0	-36.0	11.08	135.00
Fort St. James (Stuart Lake)	88.5	-40.0	10.14	71.00
Lytton* .....	...	...	13.91	47.00
New Hazelton .....	...	...	34.0	12.77
Quesnel	93.0	-35.0	33.43	39.85
Vanderhoof	84.0	-41.0	3.33	76.50

* Temperature not recorded.

† Incomplete.

TABLE 1—Continued.

Station.	TEMPERATURE.		PRECIPITATION.	
	Highest.	Lowest.	Rainfall.	Snowfall.
OKANAGAN AND SIMILKAMEEN VALLEYS.				
	Deg. F.	Deg. F.	Inches.	Inches.
Aiyaston	106.0	-13.0	7.61	57.65
Holley	102.0	-15.0	9.62	41.70
Kelowna (Bankhead)	102.0	-14.9	7.21	48.69
Kelowna	99.0	-10.0	5.09	54.80
Pentlcton	104.0	-3.0	7.40	17.70
Princeton	96.0	-26.0	8.38	41.69
Summerland	98.0	-12.9	4.19	49.45
Summerland (Experimental Station)	100.0	-5.0	4.81	54.65
Vernon	102.0	-21.0	8.65	55.30
WEST KOOTENAY.				
Doswell	95.0	0.0	15.60	62.95
Castlegar	102.0	- 9.0	16.46	62.59
Crawford Bay	91.0	- 4.0	20.55	107.29
Creston	96.0	-14.0	10.24	61.25
East Arrow Park	100.0	-12.0	19.36	110.00
Ferguson* .....	...	...	17.45	308.00
Grand Forks	102.0	-20.0	7.51	59.10
Greenwood	105.0	-28.0	20.04	66.45
Howser	94.0	-15.0	11.53	62.75
Isalo	91.0	- 7.0	15.48	81.50
Nakusp	91.0	- 8.0	15.41	119.25
Nelson	98.5	-11.2	15.73	92.00
Pond d'Oreille (Waneta)	101.0	-17.0	16.99	59.00
Perry Siding	102.0	-3.0	15.01	86.75
Rossland	89.5	-11.0	15.06	118.55
Rock Creek* .....	...	...	8.84	47.10
EAST KOOTENAY.				
Granbrook	98.0	-34.0	7.62	68.50
Fernie	93.0	-32.0	20.69	97.10
Invermere (Experimental Station)	94.0	-34.0	6.75	33.20
Invermere .....	...	...	6.43	27.50
Michel	95.0	-31.0	13.75	66.50
Newgate	101.0	-29.0	6.51	47.75
Wilmer	95.0	-28.0	7.69	33.75
THOMPSON RIVER.				
Annix (Canoe Point) .....	...	...	12.23	63.75
Armstrong	100.5	-20.0	8.79	53.50
Chinook Cove	92.0	-23.0	8.90	59.45
Enderby	100.0	-24.0	9.35	69.25
Goose Lake	95.0	-29.0	2.90	42.50
Kamloops	102.3	-21.0	5.88	49.75
Merritt	96.0	-25.0	9.22	54.25
Salmon Arm (Experimental Station)	101.0	-17.0	9.75	99.00
Tappen	106.0	-12.0	10.66	57.85
Tranquille	93.0	-18.0	4.29	23.35
Varenby	99.5	-22.0	7.68	48.30
NORTH COLUMBIA RIVER.				
Gheler	84.0	-22.0	16.98	678.00
Gidden	95.0	- 8.0	4.58	77.50
Revelstoke	96.0	- 8.0	16.29	174.00
NORTH COAST.				
Amox	86.0	- 1.0	49.66	161.80
Bella Coola	86.0	- 1.0	50.32	47.25
Mill Bay	79.0	- 3.0	60.19	165.75
Nass Harbour .....	...	...	66.13	88.00
Prince Rupert	77.0	6.0	82.14	44.40
Stewart	82.0	- 8.0	49.17	176.00
Surf Inlet* .....	...	...	167.16*	47.85
Terrace	85.0	- 9.0	34.03	88.75
QUEEN CHARLOTTE ISLANDS.				
Uda Bay	67.0	20.0	81.15	16.75
Masset	69.0	14.0	49.58	38.50
Queen Charlotte City* .....	...	...	51.49	23.25
YUKON BOUNDARY.				
Milln	77.0	-38.5	6.59	72.60

*Temperature not recorded.

Table 2.
MEAN TEMPERATURE FOR THE YEAR 1910.
(Degrees F.)

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
SOUTH VANCOUVER ISLAND.												
Alberni (Port)	37	39	43	49	51	56	64	65	60	47	40	34
Alberni	37	37	43	49	51	57	63	66	60	48	41	34
Clayoquot	40	37	38	42	46	48	52	55	56	47	43	40
Cowichan (Touhalem)	39	36	42	49	52	55	62	62	57	46	41	35
Departure Bay	40	38	42	48	52	55	64	64	59	47	42	37
James Island	42	40	43	48	53	56	63	61	59	48	43	38
Ladysmith	38	37	42	47	52	55	63	63	58	46	41	36
Lazo	38	36	39	45	50	54	61	61	55	45	40	34
Little Saanich Mountain	39	38	42	47	52	56	64	64	61	47	40	34
Metechosin	41	39	43	48	51	54	59	60	55	45	43	36
Nanaimo	41	38	43	47	53	57	64	64	59	47	42	37
Nanoose Bay	39	37	41	46	50	55	62	62	56	46	41	36
Qualicum Beach	37	35	39	45	50	53	60	62	59	M.	M.	M.
Saltspring Island	40	38	42	47	52	55	62	62	60	47	46	37
Shawngin Lake	39	36	40	45	50	54	61	63	58	46	41	34
Sidney	40	38	42	47	52	56	61	61	57	46	41	36
Sooke	40	39	43	48	51	54	58	60	58	47	43	37
Ucluellet	41	39	41	45	48	51	56	58	55	49	42	39
Vananda	39	37	41	48	52	55	63	63	56	45	40	36
Victoria	41	40	44	49	52	54	59	59	58	48	43	38
NORTH VANCOUVER ISLAND.												
Holberg	42	39	41	47	50	53	58	61	58	48	42	37
Mary Island	40	38	42	48	53	56	64	65	59	47	41	37
Quatsino	40	37	40	46	49	52	57	59	55	46	43	37
Triangle Island	41	38	39	43	45	49	54	56	54	47	..	..
LOWER FRASER RIVER.												
Aqassiz	39	37	43	50	52	58	65	64	61	46	41	35
Britannia Beach	40	37	39	47	49	52	59	60	55	43	37	34
Chilliwack	37	35	41	49	53	57	62	63	59	45	40	34
Hope	34	32	38	49	52	56	64	65	69	44	36	29
Ladner	39	38	41	47	52	57	62	62	56	47	43	38
New Westminster	38	37	42	48	53	58	64	64	59	46	41	36
North Nicomen	38	37	41	49	53	57	63	64	60	46	40	31
Slave River Falls	38	36	42	49	53	58	64	65	69	48	42	35
Steveston	40	39	43	48	53	56	60	61	57	45	42	36
Vancouver	39	38	42	48	53	57	62	63	58	46	41	36
LILLOOET LAKE.												
Pemberton Hatchery	29	29	36	46	50	56	64	66	57	43	34	26
Pemberton Meadows	28	27	34	45	52	57	62	63	55	42	32	23
MIDDLE FRASER RIVER.												
North Bend	32	31	38	49	52	57	65	M.	59	46	35	26
UPPER FRASER RIVER.												
Babine Lake	19	16	18	37	42	50	56	55	49	38	21	12
Barkerville	24	14	21	35	40	46	53	52	46	30	20	10
Chillicoit	21	15	23	39	44	49	58	59	51	36	23	13
Cranberry Lake	23	14	22	40	47	52	57	57	48	34	22	14
Dome Creek	23	15	21	40	..	52	58	57	50	33	20	14
Fort George	25	12	22	41	48	55	60	58	53	35	18	8
Fort St. James	19	6	14	38	44	49	56	56	49	32	17	10
Lillooet	32	27	36	51	M.	M.	M.	72	63	47	33	22
New Hazelton	28	21	26	43	47	53	60	58	51	37	21	15
Quesnel	24	18	23	45	50	55	60	61	55	36	23	14
Vanderhoof	17	6	18	40	44	49	57	56	52	31	17	8
OKANAGAN AND SIMILKAMEEN VALLEYS.												
Alvaston	31	28	35	48	54	60	69	69	57	41	32	23
Hedley	28	27	36	48	53	58	71	70	59	44	31	23
Kelowna (Bankhead)	31	29	34	48	54	59	68	67	58	44	33	23
Kelowna	32	30	34	46	53	58	66	65	55	42	34	25
Pentlton	31	30	36	49	55	60	70	68	58	44	34	25
Princeton	21	21	32	45	49	55	62	63	54	42	27	15
Summerland	28	27	34	48	54	59	70	69	56	42	31	21
Summerland (Exp. Station)	31	28	36	48	54	60	70	69	57	44	32	21
Vernon	27	25	31	48	53	58	68	68	57	41	29	18

TABLE 2—Continued.

(Degrees F.)

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
WEST KOOTENAY.												
Boswell	33	33	36	46	53	60	67	66	56	42	34	26
Castlegar	29	29	36	46	53	60	67	66	56	42	31	23
Crawford Bay	30	29	36	42	51	58	65	64	55	40	32	24
Creston	29	28	35	42	52	60	66	64	54	39	31	21
East Arrow Park	30	27	34	46	52	58	64	64	54	42	32	22
Grand Forks	34	36	39	49	54	60	69	69	57	41	28	18
Greenwood	22	24	34	47	50	55	68	65	54	38	27	17
Howser	29	23	32	44	52	57	63	62	51	39	30	21
Kaslo	25	28	34	45	52	58	64	64	54	41	31	23
Nakusp	28	24	30	44	51	56	63	63	52	39	30	21
Nelson	31	29	36	48	53	59	66	62	54	41	32	24
Pond d'Orville (Waneta)	27	27	34	46	52	59	67	66	56	40	29	21
Perry Siding	29	27	35	46	52	60	67	66	54	41	31	22
Rossland	27	24	32	45	50	56	63	64	52	38	28	20
EAST KOOTENAY.												
Baynes Lake .....	..	..	..	..	..	..	..	..	..	..	..	..
Cranbrook	23	19	29	44	49	58	63	63	52	34	24	16
Fernie	25	18	25	43	49	56	62	62	51	33	24	18
Invermere (Exp. Station)	20	17	28	43	49	56	61	61	51	35	22	13
Michel	26	17	25	42	48	56	63	60	50	39	22	17
Newgate	25	24	32	47	52	60	67	65	54	37	28	18
Wilmer	21	18	29	44	51	58	64	62	52	36	24	14
THOMPSON RIVER.												
Armstrong	26	25	31	46	52	58	67	68	55	40	29	19
Chinook Cove	24	23	28	46	51	56	63	62	54	38	29	16
Enderby	28	26	34	48	53	59	67	67	56	42	30	20
Goose Lake	21	13	25	41	45	51	61	60	51	35	18	8
Kamloops	31	27	34	51	56	62	70	71	60	42	31	20
Merritt	25	23	29	49	51	54	63	64	54	40	29	19
Salmon Arm (Exp. Station)	28	26	32	47	53	59	68	68	57	40	30	21
Tappen	31	30	37	50	57	62	71	71	57	42	33	23
Tranquille	32	28	32	50	56	61	68	69	58	43	28	19
Vaseby	25	23	29	46	53	56	63	63	53	38	26	15
NORTH COLUMBIA RIVER.												
Glacier	20	16	24	38	43	45	57	58	48	34	21	13
Golden	18	13	25	44	51	M.	63	62	51	36	20	11
Revelstoke	28	22	30	42	50	57	62	64	52	38	25	18
NORTH COAST.												
Anyox	30	28	30	42	46	53	58	60	56	42	29	27
Bella Coola	34	29	34	44	48	53	59	M.	55	41	35	28
Mill Bay	32	28	30	43	46	51	57	58	55	43	29	26
Prince Rupert	38	34	35	44	45	50	55	57	56	45	39	36
Stewart	27	23	25	40	47	53	57	57	51	42	26	23
Terrace	31	28	33	47	50	57	62	62	56	42	30	24
QUEEN CHARLOTTE ISLANDS.												
Isoda Bay	40	37	38	42	45	50	56	58	56	40	43	41
Masset	38	36	35	43	45	50	54	57	54	47	39	36
YUKON BOUNDARY.												
Atlin	13	3	8	25	41	48	52	54	48	30	15	11

TABLE 3—Continued.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
UPPER FRASER RIVER.—Continued.													
Connell.....	1.50	.20	1.25	.52	1.02	2.94	2.50	1.52	1.17	3.33	2.90	2.26	21.26
Vanderhoof.....	.64	.60	1.75	.35	.30	2.01	1.16	.41	.18	1.53	3.10	.95	10.98
OKANAGAN AND SHILKAMEN VALLEYS.													
Abbotsford.....	.85	2.57	1.10	.91	.47	.69	.38	.47	.74	2.00	2.30	.81	13.38
Howley.....	2.60	3.56	.69	.27	.71	1.09	.42	.59	1.00	.83	1.00	.56	13.79
Kelowna (Bankhead).....	.88	1.77	1.53	.68	.70	.72	.57	.59	.58	1.23	2.37	.46	12.07
Kelowna.....	.65	1.76	1.70	.62	.51	.42	.21	.57	.53	.81	2.58	.21	10.57
Princeton.....	1.75	.66	T.	.27	.63	.08	.00	.07	1.76	.00	.72	.80	6.74
Porterloo.....	1.14	1.02	.67	.66	.89	.49	.18	.41	.93	.73	1.03	.19	9.14
Princeton.....	2.31	1.57	.82	.30	.63	1.63	.34	.61	1.44	1.07	1.61	.49	12.57
Summerland.....	1.02	1.36	.91	.25	.42	.68	.27	.33	.84	.89	2.18	.08	9.14
Summerland (Exp. Station).....	.82	1.16	.87	.54	.71	.58	.34	.34	1.00	.60	2.09	.17	9.28
Yernon.....	.74	1.59	1.21	.78	.86	.92	.65	.55	1.15	2.63	2.08	1.02	14.18
WEST KOOTENAY.													
Bozwell.....	4.76	3.12	1.52	1.87	.85	.44	.13	2.07	.79	2.29	2.02	2.13	21.90
Castlegar.....	4.18	2.60	2.69	1.33	1.70	.79	.51	1.37	1.88	.67	2.24	2.75	22.71
Crawford Bay.....	7.18	4.59	2.78	1.70	.68	1.16	1.16	1.86	7.76	3.44	3.46	3.50	31.87
Creston.....	3.29	2.67	.89	1.56	.89	.51	.34	1.35	.26	.98	1.46	1.97	16.37
East Arrow Park.....	3.10	3.98	2.97	1.75	1.72	1.03	1.70	1.56	2.27	2.44	4.21	3.63	30.36
Ferguson.....	7.40	4.73	7.15	2.89	2.69	1.43	1.10	2.13	1.85	3.35	7.10	6.63	48.25
Grand Forks.....	1.45	2.50	1.11	.87	1.36	.18	.43	.71	1.03	1.03	1.32	.53	12.62
Greenwood.....	2.97	2.50	1.50	1.63	3.55	.91	1.80	1.80	2.85	.65	3.29	3.33	26.69
Howse.....	2.88	1.62	.96	1.56	.84	1.04	.38	.54	.82	.63	3.94	2.60	17.81
Karlo.....	3.41	2.76	2.17	1.59	1.28	.84	1.21	1.51	1.37	2.25	3.27	2.27	25.63
Nakusp.....	3.21	2.78	3.40	1.78	2.05	.81	.76	1.23	2.46	1.54	3.74	3.58	37.34
Nelson.....	4.35	2.75	2.04	1.63	1.86	1.17	.51	3.12	1.41	1.47	2.71	2.91	24.93
Pond O'Willie (Wauala).....	3.75	2.89	2.08	1.94	1.93	0.40	0.65	3.07	2.05	1.49	1.22	1.42	22.80
Perry Siding.....	3.24	2.59	2.12	1.71	2.02	.85	.99	2.22	1.99	1.79	1.61	2.56	23.69
Roadland.....	5.01	3.68	2.76	2.56	2.83	.28	.91	3.86	2.07	1.10	2.89	3.62	36.92
Rock Creek.....	1.57	1.94	.22	.44	1.52	.77	.38	1.61	2.10	.84	1.56	.60	13.55
EAST KOOTENAY.													
Bayne Lake.....	.....	.....	.....	.....	.....	1.10	.20	.....	M.	M.	M.	M.	.....
Crabbrook.....	3.29	4.55	.50	.99	.79	.75	.60	1.17	.18	.45	.69	1.27	14.47
Fernie.....	6.97	2.61	2.93	3.30	2.64	.85	.45	1.13	2.54	.71	3.33	3.07	30.40
Idavermere (Exp. Station).....	.98	.83	.65	.25	.96	.61	.33	2.42	.69	.71	.63	1.02	10.67
Idavermere.....	1.11	.86	.24	.22	.90	.42	.18	2.36	.56	.64	.53	1.16	9.18
Midvale.....	5.11	2.94	2.81	1.39	1.49	.94	.71	1.38	1.08	.40	1.34	1.71	29.40
Newgate.....	1.65	2.89	.78	.66	1.26	.73	.31	.60	1.15	5.3	1.18	.61	11.29
Whitely.....	1.32	.95	.32	.25	.72	.68	.53	2.56	.48	.85	1.16	1.05	11.07
THOMPSON RIVER.													
Arnis (Caroo Point).....	1.54	1.62	.84	1.17	1.27	.64	.43	.44	2.08	2.02	4.52	2.04	18.61
Armstrong.....	1.35	1.57	.85	.83	.90	.73	.37	.76	1.21	2.04	2.18	1.35	14.14
Cannock Cove.....	.50	1.27	.88	.63	.57	1.39	1.09	.66	1.71	2.11	2.96	1.45	14.85
Goose Lake.....	.45	.95	.60	.29	.49	.94	.41	.69	.32	.43	1.80	.19	7.15
Haberly.....	1.46	2.51	1.07	.65	1.21	.69	1.21	.71	1.89	1.58	1.87	1.63	16.28
Kimnook.....	.23	.98	1.10	.46	.66	.67	1.27	.21	.59	1.23	1.92	.54	9.96
Meritt.....	1.72	.19	2.87	.50	.63	.97	.69	.94	.62	1.07	1.78	.60	11.65
Salmon Arm (Exp. Station).....	2.05	2.39	1.76	.85	1.06	.64	.70	.47	1.55	1.51	3.31	2.81	18.75
Salmon Arm.....	1.04	2.15	.87	.85	1.41	1.00	.62	.41	2.43	1.36	2.36	1.95	16.45
Tranquille.....	.28	.70	.30	.18	.46	.40	1.36	.94	.50	.76	1.65	1.10	6.63
Vernon.....	.55	.60	.73	.63	.78	1.37	.94	.14	1.08	1.69	1.65	1.85	12.51
NORTH COLUMBIA RIVER.													
Gladier.....	9.83	5.10	4.65	1.89	3.61	1.42	2.73	2.44	2.30	5.61	8.69	6.41	54.78
Golden.....	2.80	1.40	.00	.23	.60	.21	.75	1.65	.69	1.10	1.90	2.60	12.33
Revelstoke.....	3.37	3.95	3.05	1.82	2.29	1.32	.48	2.52	2.05	2.51	5.92	4.90	33.69
SOUTH COAST.													
Astoria.....	13.60	3.92	2.85	3.52	3.57	2.28	1.33	3.38	4.89	5.71	9.23	10.47	65.84
Beja Coila.....	8.10	2.79	4.20	2.33	3.53	2.09	.41	1.67	3.86	4.86	14.29	7.12	55.25
Mill Bay.....	13.06	4.25	3.59	2.14	4.15	4.15	1.83	3.60	3.89	10.40	8.67	11.10	70.77
New Harbour.....	13.61	4.20	4.07	2.70	4.72	2.18	1.24	3.41	3.74	11.25	9.06	14.75	74.93
Prince Rupert.....	13.54	7.05	8.25	6.93	7.47	5.08	1.97	3.07	4.66	10.56	10.56	7.44	86.58
Seaward.....	13.91	1.40	3.61	2.01	3.60	1.89	1.81	6.40	9.49	4.99	11.07	7.70	66.77
Terrace.....	6.50	.77	1.58	1.10	2.64	3.29	1.65	7.79	1.88	2.36	8.51	10.03	42.91
Soft Inlet.....	23.15	10.25	12.60	15.04	30.49	12.28	2.73	4.12	7.16	12.78	24.52	26.82	171.95
QUEEN CHARLOTTE ISLANDS.													
Masset.....	7.35	3.69	4.52	5.64	7.53	1.43	2.14	1.01	2.58	4.92	6.96	5.66	53.43
Queen Charlotte City.....	9.78	4.87	4.11	3.88	6.78	1.62	.63	.62	1.06	3.11	7.00	9.56	53.82
YAKON BOUNDARY.													
Alton.....	1.49	1.02	.30	.18	.21	1.40	2.14	.16	1.52	2.70	.93	1.80	13.85

Table 4.

HOURS OF BRIGHT SUNSHINE.

Station.	Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Agassiz	1915	69	70	131	139	131	140	195	173	109	61	34	23	1273
"	1916	72	100	59	92	164	178	196	227	142	137	79	22	1578
"	1917	44	82	166	75	139	127	268	275	129	161	54	16	1417
"	1918	23	75	80	202	161	269	198	181	269	77	58	56	1529
"	1919	53	57	120	129	157	153	253	192	148	117	28	75	1473
Average .....	..	52	77	99	126	150	161	204	210	147	96	51	38	1411
Invermere	1915	46	71	176	199	168	198	212	298	152	125	59	43	1747
"	1916	99	98	132	183	179	202	271	269	192	150	83	84	1953
"	1917	81	100	144	199	227	230	365	300	152	147	24	38	1977
"	1918	44	81	142	262	241	362	304	214	232	125	90	28	2065
"	1919	69	79	168	212	210	317	312	270	203	121	53	71	2076
Average .....	..	66	80	152	205	205	250	293	270	186	135	62	53	1903
Kamloops	1915	53	73	170	231	202	236	273	321	176	125	84	53	1697
"	1916	97	84	115	177	221	252	264	369	197	181	84	49	2039
"	1917	61	80	156	158	222	228	378	316	194	169	72	35	2069
"	1918	46	95	141	140	235	236	283	247	294	132	81	51	2171
"	1919	59	78	108	228	249	266	358	317	238	148	90	67	2259
Average .....	..	63	82	150	207	226	262	311	302	220	149	76	51	2099
Nanaimo	1915	77	58	125	208	134	279	260	225	148	106	63	43	1726
" (11 months)	1916	68	60	87	146	227	324	74	323	198	164	87	M.	1792
"	1917	52	46	136	101	249	217	369	362	134	61	17	1738	
"	1918	43	98	123	233	253	316	257	254	227	83	45	33	1963
"	1919	34	68	123	149	240	178	328	309	213	136	48	46	1872
Average .....	..	55	74	119	166	221	243	278	295	314	122	59	35	1981
Salmon Arm	1915	41	52	158	195	216	224	262	319	159	117	56	43	1836
"	1916	93	96	94	165	206	214	233	302	290	173	70	33	1885
"	1917	39	64	121	171	209	201	366	311	188	135	58	32	1892
"	1918	26	66	165	232	224	287	272	223	282	97	51	37	1922
"	1919	29	53	122	193	267	265	329	272	207	87	35	51	1850
Average .....	..	46	66	120	195	211	238	292	285	207	122	55	39	1877
Summerland	1915	63	58	154	223	173	238	242	326	186	124	69	29	1885
"	1916	78	73	124	188	234	234	269	297	219	183	81	51	2031
"	1917	77	51	144	126	196	206	370	327	187	171	42	21	1921
"	1918	43	35	119	256	265	291	274	237	269	111	63	47	1964
"	1919	65	80	149	218	239	264	341	292	217	141	58	70	2134
Average .....	..	67	69	138	202	209	247	291	296	216	146	63	43	1987
Sidney	1915	79	66	143	223	181	310	299	275	191	105	71	59	1992
"	1916	96	364	81	156	252	271	231	306	195	165	164	31	1912
"	1917	58	42	131	99	278	218	370	349	143	155	96	31	1911
"	1918	60	83	118	256	245	317	287	257	224	102	49	59	2067
"	1919	43	60	131	169	252	256	365	312	213	118	43	67	2029
Average .....	..	59	71	121	179	242	274	308	298	194	125	65	49	1984
Vancouver	1915	58	44	132	203	164	267	262	222	141	85	70	36	1684
"	1916	66	85	86	142	217	223	146	284	191	151	85	24	1799
"	1917	54	57	154	90	221	189	359	348	154	105	51	23	1805
"	1918	45	96	164	258	253	319	297	232	236	77	48	58	2023
"	1919	51	58	128	147	258	259	342	266	203	123	61	74	1961
Average .....	..	55	68	121	168	223	250	281	270	185	108	63	43	1853
Victoria	1915	83	64	159	222	181	305	261	263	202	99	67	62	1968
"	1916	68	99	99	179	231	226	228	325	250	164	124	50	2025
"	1917	73	38	167	259	167	236	388	348	154	155	75	31	2009
"	1918	75	101	159	274	294	330	297	279	249	116	73	71	2269
"	1919	59	80	159	195	273	283	378	325	242	136	51	94	2263
Average .....	..	71	80	143	197	250	279	310	308	219	134	78	62	2121

Table 5.
AVERAGE TEMPERATURE FOR STATIONS HAVING OBSERVATIONS FOR
TEN OR MORE YEARS.
(Degrees F.)

Station.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
SOUTH VANCOUVER ISLAND.												
Alberni	34	38	42	48	54	60	64	65	59	51	41	30
Clayoquot	39	49	41	46	50	56	58	58	55	50	45	41
Cowichan (Tsohalem)	35	38	42	48	54	58	63	62	57	49	41	38
Nanaimo	36	38	42	47	53	58	62	62	57	49	43	39
Victoria	39	40	44	48	52	58	60	60	56	50	45	41
NORTH VANCOUVER ISLAND.												
Holberg	36	37	40	44	50	54	58	60	56	49	41	39
Quatsino	30	38	40	44	49	54	58	58	54	49	42	39
LOWER FRASER RIVER.												
Agassiz	34	37	43	48	54	59	63	62	56	50	41	37
Chilliwack	33	37	42	49	55	59	64	63	57	50	40	37
Hope	27	32	40	48	54	59	64	64	58	49	38	32
Ladner	36	38	42	47	53	57	61	60	55	49	43	38
New Westminster	35	38	42	48	54	59	63	63	57	49	42	37
North Nicomen	34	37	43	49	55	59	64	64	58	50	42	38
Stave River Falls	33	36	41	48	55	60	65	65	58	50	42	37
Steveston	35	38	41	47	52	57	61	64	54	48	42	38
Vancouver	35	38	42	48	54	59	63	61	56	49	42	38
UPPER FRASER RIVER.												
Barkerville	18	19	26	34	44	50	52	53	46	37	25	21
Chilcoot	19	18	27	40	46	52	58	58	49	39	29	16
Fort St. James (Stuart Lake)	7	13	22	35	45	51	55	54	49	37	25	16
Quesnel	14	19	30	42	51	58	62	61	52	43	29	23
OKANAGAN AND SIMILKAMEEN.												
Hedley	20	27	36	46	53	59	67	65	57	46	34	25
Ponficton	20	30	38	48	55	62	67	66	57	48	38	30
Princeton	16	23	32	45	52	57	63	62	55	43	31	21
Summerland	21	26	37	47	55	62	67	66	57	46	35	26
Vernon	21	25	35	47	54	60	66	65	55	45	34	27
WEST KOOTENAY.												
Nelson	25	28	37	47	53	60	66	64	56	48	36	29
Rosland	21	25	34	44	50	57	63	61	52	42	32	24
EAST KOOTENAY.												
Cranbrook	18	20	31	43	50	57	62	61	51	42	30	18
Wilmer	12	18	31	43	50	58	62	61	51	40	27	16
THOMPSON RIVER.												
Enderby	21	25	35	47	55	61	66	65	55	45	33	27
Kamloops	22	26	38	49	58	64	69	68	58	47	36	28
Tranquille	20	26	39	50	56	63	68	67	58	48	36	25
NORTH COLUMBIA.												
Gladier	14	18	25	36	44	51	57	56	47	37	25	17
Golden	12	17	29	42	50	56	62	59	50	41	28	16
Revelstoke	20	23	32	43	52	58	64	62	53	43	33	25
NORTH COAST.												
Bella Coola	26	30	37	44	52	57	61	60	54	45	36	30
Prince Rupert	32	36	39	43	48	52	56	57	53	44	40	36
QUEEN CHARLOTTE ISLANDS.												
Boda Bay	35	37	40	44	48	52	55	58	54	47	42	39
Masset	34	36	39	44	49	54	59	59	54	46	40	37
YUKON BOUNDARY.												
Atlin	-1	6	17	32	43	50	55	52	45	35	22	12

Table 6.
AVERAGE PRECIPITATION.
(Inches.)

Station.	Jan.	Feb.	Mar.	Apr.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
SOUTH VANCOUVER ISLAND.													
Alberni	10.18	8.40	6.41	4.65	2.87	2.33	1.02	1.04	2.06	6.23	11.12	10.17	67.84
Beaver Lake (Royal Oak).....	5.41	3.95	2.94	1.47	1.29	.95	.50	.67	1.55	2.84	6.39	6.35	34.31
Clayoquot.....	14.56	12.55	12.56	9.25	6.19	4.13	2.41	3.16	6.46	13.29	19.22	16.34	129.00
Cowichan (Tzouhalem).....	6.93	4.37	2.75	2.03	1.49	1.15	.58	.84	1.35	3.01	7.50	6.64	38.70
Denman Island.....	7.34	6.15	3.67	2.59	1.75	1.38	.68	.63	2.34	5.28	9.23	7.37	48.81
Esquimalt.....	5.97	3.64	3.15	1.84	1.21	.94	.32	.54	1.76	3.02	6.60	7.29	33.35
Goldstream Lake.....	10.33	7.68	6.40	3.25	2.14	1.55	.83	1.03	2.44	5.40	12.35	11.55	64.93
Hornby Island.....	7.05	5.78	3.60	2.27	1.47	1.24	.84	.94	1.77	4.40	8.20	5.74	43.00
Jordan River.....	10.34	6.88	7.31	4.09	2.68	1.84	.98	1.30	2.58	7.62	13.03	11.71	70.40
Little Qualicum.....	5.82	3.83	2.10	2.02	1.55	1.52	.81	.87	1.82	3.96	6.89	4.12	35.31
Nanaimo.....	6.29	4.64	3.02	1.82	1.09	1.45	.77	.81	1.97	2.97	7.29	5.85	38.59
Salspring Island.....	6.31	4.83	2.94	2.23	1.40	1.21	.60	.82	1.48	3.21	7.32	6.54	38.89
Victoria.....	4.31	3.13	2.33	1.25	.90	.84	.42	.61	1.52	2.90	4.61	4.69	27.66
NORTH VANCOUVER ISLAND.													
Holberg.....	15.62	10.57	12.20	8.87	3.87	3.33	3.18	3.75	5.69	15.61	30.84	17.75	121.28
Qatsino.....	12.31	10.79	9.71	7.43	5.45	4.06	2.47	3.42	6.59	12.44	16.33	15.79	106.79
LOWER FRASER RIVER.													
Agassiz.....	6.93	5.63	5.43	4.52	4.70	4.15	2.14	2.57	4.38	6.23	9.24	7.86	60.78
Chilliwack.....	7.72	5.92	3.83	3.63	3.75	2.73	1.68	1.93	3.66	5.77	8.31	8.67	58.69
Cocquitlam.....	9.79	7.50	6.81	4.33	3.65	2.82	1.76	1.97	4.61	6.65	11.71	9.90	71.00
Hope.....	7.04	5.10	4.87	2.86	2.80	1.69	1.27	1.62	3.91	5.80	9.35	7.28	52.75
Ladner.....	4.38	4.03	3.04	1.98	2.10	1.57	1.29	1.02	2.35	3.90	5.91	4.95	36.46
New Westminster.....	8.14	6.09	4.97	3.69	3.04	2.36	1.49	1.26	3.82	5.47	9.86	7.55	58.16
North Nicomen.....	9.28	7.73	6.48	5.47	4.20	3.84	1.97	2.65	4.44	7.98	12.93	10.93	74.18
Stave River Falls.....	10.22	7.04	8.16	5.53	4.62	3.88	2.58	2.89	3.81	7.75	13.40	10.26	86.61
Steveston.....	5.10	3.89	2.71	2.08	2.09	1.73	.94	1.63	2.16	3.25	6.34	5.30	36.72
Vancouver.....	8.51	5.73	5.44	3.36	3.05	2.64	1.46	1.61	3.66	5.61	10.19	7.80	59.06
UPPER FRASER RIVER.													
Barkerville.....	3.23	2.39	2.29	2.06	2.48	3.41	3.24	3.16	3.39	3.15	3.41	3.44	25.65
Chilcotin.....	.68	.82	.89	.47	1.04	1.71	1.49	1.39	1.10	.72	.92	1.03	12.36
Fort St. James (Stuart Lake).....	1.57	1.10	.94	.84	1.06	1.45	1.53	1.29	1.25	1.37	1.72	1.66	15.75
Quesnel.....	1.31	.98	.50	.41	1.03	1.91	1.77	1.54	1.58	1.49	1.17	1.00	14.78
OKANAGAN AND SIMILKAMEN.													
Hedley.....	1.35	1.32	.51	.60	1.42	1.33	1.15	.92	.89	.77	1.09	1.08	12.43
Pentstemon.....	.32	.80	.44	.62	1.47	1.37	1.06	.89	1.00	.69	.86	.98	11.16
Princeton.....	1.35	1.05	.63	.54	1.30	1.21	1.04	.85	1.03	.80	1.83	1.48	13.11
Summerland.....	1.01	.95	.53	.51	1.34	1.26	1.04	.89	.91	.66	.91	1.03	11.94
Vernon.....	1.23	1.13	.79	.78	1.26	1.70	1.34	1.04	1.35	1.04	1.42	1.40	14.48
WEST KOOTENAY.													
Ferguson.....	7.12	4.80	4.19	2.72	2.23	2.76	2.29	1.99	2.73	3.94	6.81	6.90	48.48
Grand Forks.....	1.72	1.18	.99	1.69	1.04	2.06	1.12	.83	1.08	.94	1.68	1.62	16.25
Nelson.....	3.21	2.21	1.82	1.51	2.35	2.57	1.91	1.63	1.59	2.19	3.24	2.87	27.03
Rossland.....	3.58	2.44	2.36	1.89	3.02	2.60	1.46	1.25	1.80	2.29	3.54	2.80	29.69
EAST KOOTENAY.													
Cranbrook.....	2.40	1.40	1.34	.80	1.31	1.71	1.47	1.02	1.19	.80	1.61	1.44	16.49
Wilmer.....	1.24	.70	.53	.48	1.42	1.72	1.71	1.66	1.15	.72	.91	.99	13.23
THOMPSON RIVER.													
Enderby.....	2.50	1.70	1.13	.97	1.39	2.12	1.43	1.19	1.53	1.48	2.30	2.44	29.18
Kamloops.....	.91	.79	.35	.37	1.01	1.34	1.17	1.06	.86	.60	.94	.85	10.25
Tranquille.....	.71	.78	.20	.33	.87	1.07	1.01	.68	.57	.31	.59	.59	7.71
NORTH COLUMBIA RIVER.													
Glacier.....	8.61	6.18	5.72	2.71	2.27	3.05	2.97	2.79	4.05	4.69	8.82	8.25	60.11
Golden.....	2.53	.80	.94	.56	1.05	1.71	1.59	1.36	1.41	1.22	2.29	2.19	17.71
Revelstoke.....	5.48	4.62	2.88	2.06	2.41	2.78	2.60	2.49	3.08	4.00	5.60	4.93	42.93
NORTH COAST.													
Bella Coola.....	4.03	3.13	3.56	1.52	1.02	1.76	1.77	1.74	3.79	7.64	7.58	5.98	44.42
Nass Harbour.....	8.13	5.17	5.08	4.60	3.05	2.80	3.25	5.15	8.68	12.69	10.03	9.28	77.91
Prince Rupert.....	9.29	7.32	12.00	7.70	5.33	4.57	5.80	5.28	9.85	14.18	12.33	11.66	103.31
QUEEN CHARLOTTE ISLANDS.													
Ikeda Bay.....	12.10	9.77	8.66	7.91	5.32	2.96	3.36	3.63	6.64	11.36	17.54	11.67	100.92
Masset.....	8.23	4.13	3.61	5.07	4.16	2.45	2.77	2.76	3.60	6.12	6.88	5.86	52.64
YUKON BOUNDARY.													
Atlin.....	1.01	.65	.73	.56	.38	.73	1.08	1.02	1.19	1.25	1.36	1.10	11.34