

Rainfalls From 0.31 to 0.40 Inch, Inclusive.—Table III.

Year	March	April	May	June	July	Aug.	Sept.	Oct.	Totals
1906.....	...	...	.35	...	.34	...	...	...	0.69
1907.....	...	...	.36	.35	.33	.40	...	...	1.44
1908.....	...	...	...	.40	...	...	...	.34	.34
1909.....	...	...	...	.39	...	...	...	...	.79
1910.....	.38	...	...	.39	...	...	...	...	.77
1911.....	...	.31	.35	.34	...	.34	.36	...	2.06
1912.....	...	.38	.39	...	.31	...	...	...	...
Totals ....	.38	1.05	1.79	2.23	1.31	.74	.36	.74	8.60
Average per month per year .05	.17	.25	.32	.19	.10	.05	.10	.10	1.23
No. of Rainfalls ..	1	3	5	6	4	2	1	2	24

Average 0.33 inch per rainfall.

Rainfalls From 0.41 to 0.50 Inch, Inclusive.—Table IV.

Year	March	April	May	June	July	Aug.	Sept.	Oct.	Totals
1906.....	...	...	...	.44	...	...	...	...	0.44
1907.....	...	...	...	.48	...	...	...	...	0.48
1908.....	...	.46	.43	.44	.48	...	...	.43	2.68
1909.....	...	...	.41	...	.50	.45	...	...	1.36
1910.....	...	...	...	.46	...	.46	.42	.42	1.76
1911.....	...	...	...	.42	.45	...	.50	...	1.37
1912.....	...	.42	...	.44	.48	...	...	...	1.34
Totals ....	...	.88	.84	2.20	2.83	.46	1.37	.85	9.43
Average per month per year ...	.12	.12	.31	.42	.06	.19	.12	.12	1.34
No. of Rainfalls ..	...	2	2	5	6	1	3	2	21

Average 0.449 inch per rainfall.

Two seasons form the meteorological year, viz., summer from the 1st of May to the 30th of September, and winter from the 1st of October to the 31st of April, but this cannot be applied as a hard and fast rule to the actual seasons of rain and snowfall.

Rainfalls From 0.51 to 0.60 Inch, Inclusive.—Table V.

Year	March	April	May	June	July	Aug.	Sept.	Oct.	Totals
1906.....	...	...	.60	...	...	...	.54	...	...
1907.....	...	...	.56	...	...	...	...	...	1.70
1908.....	...	.51	.60	...	...	.60	...	...	1.71
1909.....	...	...	...	...	...	...	...	...	...
1910.....	...	...	.59	...	...	...	...	...	0.59
1911.....	...	...	...	...	...	.57	...	...	.57
1912.....	...	...	...	...	...	.58	...	...	.58
Totals ....	...	.51	2.35	...	...	.60	1.69	...	5.15
No. of Rainfalls ..	...	1	4	...	...	1	3	...	9

Average 0.57 inch per rainfall.

Rainfalls From 0.61 to 0.70 Inch, Inclusive.—Table VI.

Year	March	April	May	June	July	Aug.	Sept.	Oct.	Totals
1906.....	...	...	.66	...	.63	...	...	...	1.29
1907.....	...	...	...	...	...	.64	...	...	0.64
1908.....	...	...	...	.61	...	...	...	...	...
1909.....	...	...	...	.70	...	...	...	...	1.31
1910.....	.64	...	...	...	...	.70	...	...	1.34
1911.....	...	...	...	...	...	...	...	...	...
1912.....	...	...	...	...	.63	...	...	...	.63
Totals ....	.64	...	.66	1.31	1.87	1.34	...	...	5.82
No. of Rainfalls ..	1	...	1	2	3	2	...	...	9

Average 0.647 inch per rainfall.

In some instances in the tables certain subdivisions of rain and snowfall are given, and these occur only after the determination of one of the seasons, and with them has occurred a lowering or raising of temperature.

The precipitation of snow by seasons forms a not uninteresting table, and would be of greater value, were it possible to record the actual period of thaw each spring.

Rainfalls From 0.71 to 0.80 Inch, Inclusive.—Table VII

Year	March	April	May	June	July	Aug.	Sept.	Oct.	Totals
1906.....	...	...	...	.73	...	...	.75	...	1.48
1907.....	...	...	...	.77	...	...	...	...	0.77
1908.....	...	...	...	.75	...	...	...	...	...
1909.....	...	...	...	.74	...	...	...	...	1.49
1910.....	...	.80	...	.75	...	.74	...	...	2.29
1911.....	...	...	.76	...	...	...	...	...	.76
1912.....	...	...	...	...	...	.72	...	...	.72
Totals ....	...	.80	.76	3.74	...	1.46	.75	...	7.51
No. of Rainfalls ..	...	1	1	5	...	2	1	...	10

Average 0.75 inch per rainfall.

Rainfalls From 0.81 to 0.90 Inch, Inclusive.—Table VIII.

Year	March	April	May	June	July	Aug.	Sept.	Oct.	Totals
1906.....	...	...	...	...	.85	.86	...	...	1.71
1907.....	...	...	...	...	.87	...	...	...	0.87
1908.....	...	...	...	...	...	...	...	...	...
1909.....	...	...	...	...	...	...	...	...	...
1910.....	...	...	...	...	...	...	...	...	...
1911.....	...	...	...	...	...	.83	...	...	0.83
1912.....	...	.86	...	...	.87	...	...	...	1.73
Totals ....	...	.86	...	...	2.59	1.69	...	...	5.14
No. of Rainfalls ..	...	1	...	...	3	2	...	...	6

Average 0.84 inch per rainfall.

\*6th April—Rain .42  
Snow .44  
.86

Rainfalls From 0.91 to 0.99 Inch, Inclusive.—Table IX.

Year	March	April	May	June	July	Aug.	Sept.	Oct.	Totals
1906.....	...	...	...	.96	...	...	...	...	0.96
1907.....	...	...	...	...	...	...	...	...	...
1908.....	...	...	...	...	...	.94	.91	.98	2.83
1909.....	...	...	...	...	...	...	...	...	...
1910.....	...	...	...	...	...	...	...	...	...
1911.....	...	...	.99	...	...	...	...	...	0.99
1912.....	...	...	...	...	...	...	...	...	...
Totals ....	...	...	.99	.96	...	.94	.91	.98	4.78
No. of Rainfalls ..	...	...	1	1	...	1	1	1	5

Average 0.95 inch per rainfall.

The tables have been prepared with a view to establishing data for the calculation of the run-off from snow and rain. With regard to the latter, it is certainly regrettable that automatic rainfall recorders are not more generally in use in the Prairie Provinces. The expense of establishment is possibly the reason of this, but surely municipalities that are contemplating the installation of sewerage

Rainfalls of 1 Inch and Upwards.—Table X.

Year	March	April	May	June	July	Aug.	Sept.	Oct.	Totals
1906.....	...	1.07	...	1.63	...	...	...	...	4.41
1907.....	...	...	...	1.71	1.61	1.59	...	...	3.20
1908.....	...	...	...	...	1.28	...	...	...	1.28
1909.....	...	...	...	...	1.60	1.66	...	...	...
1910.....	...	...	...	...	...	1.26	...	...	6.19
1911.....	...	...	...	...	...	1.67	...	...	1.67
1912.....	...	1.72	2.80	...	1.38	...	1.67	1.15	8.09
Totals ....	...	2.79	5.43	3.34	8.49	6.18	5.56	1.15	32.94
No. of Rainfalls ..	...	2	3	2	6	4	4	1	22

Average 1.49 inches per rainfall.

\*1.72 Rain 1.42  
Snow .30  
1.72

Monthly Precipitation for 7 Years, 1906-1912, Inclusive.—Table XI.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1906	1.29	.20	.53	1.64	2.99	6.31	2.56	1.35	1.52	.21	1.78	1.25	21.63
1907	2.07	.27	1.11	.99	.87	1.55	3.95	3.93	.69	.40	.72	.18	16.73
1908	.44	1.80	1.84	1.64	3.01	3.11	1.65	2.75	1.89	2.21	.55	.61	21.50
1909	.73	.67	2.49	1.26	1.25	1.55	3.84	4.75	.60	.52	.92	3.99	22.57
1910	.25	1.58	1.61	1.84	1.65	2.38	.80	2.14	2.75	.84	1.27	1.87	18.98
1911	.45	.81	.28	2.57	6.38	2.27	2.96	2.33	2.43	1.84	.59	.59	23.50
1912	.30	.18	.30	2.25	3.59	.90	6.09	1.63	5.50	1.15	.11	.78	22.78
T't's	5.53	5.51	8.16	12.19	19.74	18.07	21.85	18.88	15.38	7.17	5.94	9.27	147.69
Av'ge	.79	.78	1.16	1.74	2.82	2.58	3.12	2.69	2.19	1.02	.85	1.32	21.09
H'g't	2.07	1.80	2.49	2.57	6.38	6.31	6.09	4.75	5.50	2.21	1.78	3.99	23.50
L'w't	.25	.18	.28	.99	.87	.90	.80	1.35	.60	.21	.11	.18	16.73
No. of days 70	63	83	66	89	99	97	96	71	60	79	100	973	
Average No. of days per annum 10	9	11.8	9.4	12.7	14.1	13.8	13.7	10.1	8.5	11.2	14.2	139	

Number of Days of Precipitation, Including 10% of Snow and Excluding Traces.—Table XII.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1906	10	5	5	5	9	13	10	6	8	3	12	11	97
1907	12	7	8	8	9	11	14	16	9	6	6	3	109
1908	4	8	9	5	10	16	6	12	8	6	9	12	105
1909	9	10	16	14	10	9	12	7	4	8	10	19	128
1910	7	8	10	7	11	10	7	9	8	5	9	13	104
1911	11	7	7	6	9	15	13	12	11	9	7	12	119
1912	9	3	7	9	15	7	18	13	14	9	5	14	123
Total	62	48	62	54	73	81	80	75	62	46	58	84	785
Av'ge	8.85	6.99	8.85	7.71	10.42	11.57	11.42	10.71	8.85	6.57	8.28	12.00	112.14
H'g't	12	10	16	14	15	16	18	16	14	9	12	19	123
Lowest	4	3	5	5	9	7	6	6	4	3	5	3	104