

Dec. 20th, at 9 p.m. 0.0

Midnight—10.0 (below zero)

21st, 6 a.m.—10.1

11 " — 3.2

Noon— 0.5

0.20 0.0 this was the

1st cold term of the winter 1861-2.

Humidity of the Atmosphere.—The mean relative humidity for the year was 0.774, saturation being equal to 1.000.

The following table shows the relative humidity for each month :

January.....	.752	May.....	.770	September...	.804
February....	.755	June.....	.735	October.....	.843
March.....	.768	July.....	.763	November...	.787
April.....	.780	August.....	.736	December...	.796

June was the driest month of the year, but July has been the driest for a series of years. Complete saturation occurred only once during the year.

Rain.—Fell on 106 days, amounting to 46.701 inches; it was raining 531 hours and 14 minutes, and was accompanied by thunder on 16 days; the number of days on which rain fell exceeded by 13 the number of days of rain of 1860, and by 112 hours 14 minutes, but was 5 days less than the number of rainy days in 1859, but exceeded by 33 days the amount of days of rain compared with a series of years; the amount of rain which fell in 1859 was 50.035 inches, and in 1860 was 48.132 inches, and the amount of rain in 1861 exceeded by 3.697 inches the average amount compared with a series of years; a very heavy rain storm occurred on the 27th May, it began at 4.25 p.m. from

h.m.

Inches.

the E.N.E. and at 4.45 the fall registered 1.700

4.50 (*wind veered to W.*) 2.066

4.53 2.333

4.55 2.433

5.00 2.483

and ceased at 5.10 and equalled 2.486 inches,

which fell in 45 minutes. The Rivière des Prairies, a branch of the Ottawa, rose very high during May, and a like rise has not been witnessed since 1848.