

from the normal was October, 0'1328 in defect, February showing the least, 0'0005 in excess. The highest reading was 30'334 in. at 8 a.m. of the 28th January, and the lowest, 28'762 in. at 4 p.m. of the 9th April, giving a range of pressure of 1'572 inches.

The number of days of large abnormal variation in which the average pressure differed by two-tenths and upwards from the normal were 127, the greatest number (17) occurring in February and the least (4) in June.

#### HUMIDITY.

The mean humidity of the year was 78, being 1 per cent. above the average. The greatest monthly humidity was 85, in February, and the least (69) in April. There were 28 cases of complete saturation at the hour of observation; 7 in January, 3 in February, 6 in March, 1 in April, 1 in June, 3 in September, 2 in October, 3 in November and 2 in December. The least humidity at the hour of observation was 26, on the 18th of April at 4 p.m.

#### CLOUDS.

The extent of sky clouded was on the average of the year six-tenths of the whole. July was the clearest month and February the most cloudy. During the year there were 69 days completely clouded (188979), a number in defect of the average (72), the greatest number (13) occurring in January and February, none being registered in June or July.

#### WIND.

The resultant direction of the wind was N. 48° W., it showing 15° more northing than 1889 and 14° more than the average of the previous 15 years, and both the resultant and mean velocities were below the average.

The mean velocity of the wind without reference to direction was 9'19, a quantity less than the average by 0'45 of a mile for each hour of the year. The most windy month was December, with an average of 13'19 miles per hour, and the least windy month was June, with an average of 6'84 miles per hour. The windiest day was the 13th October, average velocity 28'21 miles per hour, and the day of least velocity 17th November, average velocity 1'13 miles per hour. The highest velocity in one hour was 40'0 miles, which occurred thrice during the year, on 5th February, 8th March and 16th October. During the thunderstorm on the 8th July the wind betwixt 2 and 3 p.m. blew for part of the time at the rate of 48 miles per hour, at the same time upwards of 70 miles per hour was registered at the Island.

#### RAIN AND SNOW.

The whole depth of rain that fell during the year was 32'110 inches, being 4'792 inches in excess of the average and upwards of 7 inches in excess of 1889. The depth of snow (52'6 inches) was 13'9 inches less than 1889, and 17'6 inches below the average. October was the most rainy month as to quantity (4'940 inches), and May with reference to the number of rainy days (23), although the quantity of rain in that month was less than the usual amount. March was the least rainy month.

The most rainy day was the 3rd of October when 2'050 inches fell; there were several other days when over one inch fell; on the 3rd and 4th June 1'480 inches fell; on the 11th 1'800 inches fell in about 28 minutes; on the 1st July 1'140 inches fell in 3 hours; on the 21st August