

FOR THE YEAR 1891.

EXTENT OF SKY CLOUDED.

	1891.	Average of 38 Years.	EXTREMES.	
Average cloudiness of the year.....				
Most cloudy month.....	0.59	0.62	0.66 in '69	0.57 in 1856.
Greatest monthly average of cloudiness.....	Nov. 0.78	Dec. 0.77	0.89	0.73
Least cloudy month.....	Sept. 0.36	July. 0.50	0.29	0.50
Least monthly average of cloudiness.....				

WIND.

	1891.	Average of 15 Years.	EXTREMES.	
Resultant direction.....	N. 57° W.	N. 61° W.	.....	.....
Resultant velocity in miles.....	1.63	2.51	.....	.....
Average velocity without regard to direction.....	7.33	9.64	10.54 in '80.	8.32 in '78.
Month of greatest average velocity.....	March.	March.	April, '80.	Dec., 1875.
Greatest monthly average velocity.....	11.40	11.49	13.88	10.42
Month of least average velocity.....	Sept.	July.	July, '78.	July, 1881.
Least monthly average velocity.....	4.20	7.56	5.93	8.43
Day of greatest average velocity.....	Oct. 13.	.....	Nov. 17, '80.	Feb. 10, '85.
Day of least average velocity.....	28.21	28.12	41.67	22.79
Least daily average velocity.....	June 10.	.....	.....	.....
Hour of greatest absolute velocity.....	0.17	.....	.....	.....
Greatest velocity.....	Nov. 17. 2.3 p. m. 60.0	..... 43.77	Nov 7, '80. 3 to 4 a. m. 55.5	Jan. 17, '85. 10 to 11 a. m. 39.0

NOTE—During the year 1891, the wind has been obtained from the records of the anemograph at the Island and the entries at observation hours, and no comparison has been made with the result of former years.

RAIN.

	1891.	Average of 51 Years.	EXTREMES.	
Total depth of rain in inches.....	26.735	27.412	43.555 in '43.	17.574 in '74.
Number of days on which rain fell.....	125	113	145 in 1890.	80 in 1841.
Month on which the greatest depth of rain fell.....	Aug.	Sept.	Sept., 1843.	June, 1887.
Greatest depth of rain in one month.....	4.830	3.322	9.760	2.655
Month in which the days of rain were most frequent.....	Nov.	Oct.	{ Jan., '69.	May, 1841.
Greatest number of rainy days in one month.....	14	13	{ Oct., '90.	11
Day on which the greatest amount of rain fell.....	Aug. 9.	.....	Sept. 14, '43	Sept. 14, '48
Greatest amount of rain in one day.....	2.435	1.888	3.455	1.000