

EXTENT OF SKY CLOUDED.

|  | 1888. | Average of 35 Years. | Extremes.   |               |
|--|-------|----------------------|-------------|---------------|
|  |       |                      |             |               |
| Average cloudiness of the year .....         | 1.63  | 0.62                 | 0.66 in '69 | 0.57 in 1856. |
| Most cloudy month.....                       | Dec.  | Dec.                 | .....       | .....         |
| Greatest monthly average of cloudiness ..... | 0.81  | 0.77                 | 0.89        | 0.73          |
| Least cloudy month. ....                     | Sept. | Aug.                 | .....       | .....         |
| Least monthly average of cloudiness.....     | 0.44  | 0.50                 | 0.29        | 0.50          |

WIND.

|   | 1888.               | Average of 13 Years. | Extremes.                 |                              |
|---|---------------------|----------------------|---------------------------|------------------------------|
|   |                     |                      |                           |                              |
| Resultant direction.....                        | N 59° W             | N 60° W.             | .....                     | .....                        |
| Resultant velocity in miles .....               | 2.67                | 2.53                 | .....                     | .....                        |
| Ave. velocity without regard to direction ..... | 9.71                | 9.68                 | 10.54 in '80.             | 8.32 in '78.                 |
| Month of greatest average velocity.....         | Dec.                | March.               | April, '80.               | Dec., 1875.                  |
| Greatest monthly average velocity.....          | 12.08               | 11.62                | 13.88                     | 10.42                        |
| Month of least average velocity. ....           | July.               | July.                | July, '78                 | July, 1881.                  |
| Least monthly average velocity. ....            | 7.75                | 7.59                 | 5.93                      | 8.43                         |
| Day of greatest average velocity.....           | Mar. 13             | .....                | Nov. 17, '80.             | Feb. 10, '85.                |
| Greatest daily average velocity.....            | 25.88               | 28.31                | 41.67                     | 22.76                        |
| Day of least average velocity .....             | Feb. 29             | .....                | .....                     | .....                        |
| Least daily average velocity.....               | 0.94                | .....                | .....                     | .....                        |
| Hour of greatest absolute velocity.....         | Dec. 21, 10-11 a.m. | .....                | Nov. 7, '80, 3 to 4 a. m. | Jan., 17, '85, 10 to 11 a.m. |
| Greatest velocity.....                          | 41.0                | 44.12                | 55.5                      | 39.0                         |

RAIN.

|   | 1888.    | Average of 48 Years. | Extremes.      |                |
|---|----------|----------------------|----------------|----------------|
|   |          |                      |                |                |
| Total depth of rain in inches.....                      | 22.819   | 27.379               | 43.555 in '43  | 17.574 in '74. |
| Number of days on which rain fell.....                  | 133      | 111                  | 133 in 1888.   | 80 in 1841.    |
| Month on which the greatest depth of rain fell.....     | June.    | Sept.                | Sept., 1843.   | June, 1887.    |
| Greatest depth of rain in one month .....               | 3.990    | 3.380                | 9.760          | 2.655          |
| Month in which the days of rain were most frequent..... | Oct.     | Oct.                 | { Jan., '69.   | { May, 1841.   |
| Greatest number of rainy days in one month .....        | 20       | 13                   | { Oct., '64.   | { .....        |
| Day on which the greatest amount of rain fell.....      | Sept. 16 | .....                | Sept. 14, '43. | Sept. 14, '48. |
| Greatest amount of rain in one day.....                 | 2.380    | .....                | 3.455          | 1.000          |

873  
60  
48

'54  
'42  
'40  
1842

02  
64  
1864  
25  
1849  
86  
78  
39  
'45  
39  
in

1858  
1858  
1849