

Station, _____

RICHMOND, VA.

_____ month, _____

December

191 **4**

BEST AVAILABLE RECORD

| Date. | TEMPERATURE (Degrees Fahrenheit.) | | | Precipitation. (In inches and hundredths.) | Character of day. | Sunshine (Percentage.) |
|-------|--------------------------------------|------|-------|---|-------------------|---------------------------|
| | Max. | Min. | Mean. | | | |
| 1 | 68 | 53 | 60 | 0.02 | Pt. cldy. | 73 |
| 2 | 55 | 50 | 52 | T. | Cloudy. | 0 |
| 3 | 60 | 50 | 55 | 0.01 | Cloudy. | 26 |
| 4 | 55 | 45 | 50 | 0.05 | Cloudy. | 0 |
| 5 | 47 | 40 | 44 | 0.72 | Cloudy. | 0 |
| 6 | 40 | 37 | 38 | 0.07 | Cloudy. | 0 |
| 7 | 39 | 37 | 38 | 0.05 | Cloudy. | 0 |
| 8 | 49 | 35 | 42 | 0 | Cloudy. | 52 |
| 9 | 43 | 39 | 41 | 0.06 | Cloudy. | 0 |
| 10 | 42 | 36 | 39 | 0.16 | Cloudy. | 0 |
| 11 | 39 | 34 | 36 | 0.11 | Cloudy. | 0 |
| 12 | 41 | 30 | 36 | T. | Pt. cldy. | 74 |
| 13 | 41 | 28 | 34 | 1.04 | Cloudy. | 0 |
| 14 | 43 | 22 | 32 | 0 | Clear. | 96 |
| 15 | 29 | 16 | 22 | 0 | Clear. | 100 |
| 16 | 29 | 14 | 22 | 0 | Clear. | 82 |
| 17 | 32 | 18 | 25 | 0 | Clear. | 100 |
| 18 | 37 | 22 | 30 | 0 | Pt. cldy. | 82 |
| 19 | 42 | 26 | 34 | 0.29 | Cloudy. | 11 |
| 20 | 41 | 35 | 38 | 0.23 | Pt. cldy. | 75 |
| 21 | 53 | 32 | 42 | 0.63 | Pt. cldy. | 48 |
| 22 | 40 | 28 | 34 | 0 | Pt. cldy. | 46 |
| 23 | 45 | 28 | 36 | 0 | Clear. | 100 |
| 24 | 34 | 30 | 32 | 0.07 | Cloudy. | 0 |
| 25 | 35 | 19 | 27 | 0.82 | Cloudy. | 0 |
| 26 | 19 | 8 | 14 | 0 | Clear. | 80 |
| 27 | 27 | 7 | 17 | 0.01 | Cloudy. | 31 |
| 28 | 32 | 14 | 22 | 0.27 | Cloudy. | 2 |
| 29 | 38 | 32 | 35 | 0.28 | Cloudy. | 9 |
| 30 | 52 | 34 | 43 | 0.06 | Clear. | 94 |
| 31 | 37 | 30 | 44 | 0 | Cloudy. | 5 |
| Mean | 41.4 | 30.0 | 35.7 | Total. 4.95 | | 38 |

ATMOSPHERIC PRESSURE.
(Reduced to sea level; inches and hundredths.)
Mean **30.18**; highest **30.64**, date **17th**
lowest **29.52**, date **13th**

TEMPERATURE.
Highest **68**, date **1st**; lowest **7**, date **27th**.
Greatest daily range **21**, date **21st**.
Least daily range **2**, date **7th**.

Mean for this month in
1871 79 87 **42** 95 **40** 03 **36** 11 **43**
1872 80 **41** 88 **41** 96 **40** 04 **36** 12 **43**
1873 81 **46** 89 **51** 97 **42** 05 **40** 13 **42**
1874 82 **38** 90 **44** 98 **41** 06 **41** 14 **36**
1875 83 **42** 91 **47** 99 **40** 07 **42** 15
1876 84 **45** 92 **39** 00 **40** 08 **41** 16
1877 85 **41** 93 **41** 01 **39** 09 **36** 17
1878 86 **33** 94 **45** 02 **40** 10 **34** 18
Normal for this month **41.0**

Absolute maximum for this month for **18** years **74**
Absolute minimum for this month for **18** years **4**
Average daily excess (+) or deficiency (-) of this month as compared with the normal **-5.3**
Accumulated excess (+) or deficiency (-) since January 1 **-415**
Average daily excess (+) or deficiency (-) since January 1 **-1.1**

PRECIPITATION.
Total this month **4.95**; snowfall **5.4**.
Greatest precipitation in 24 hours **1.04**, date **13th**.
Snow on the ground at end of month **T**.

Total precipitation this month in
1871 79 **5.01** 87 **4.04** 95 **2.40** 03 **2.28** 11 **3.95**
1872 **2.76** 80 **3.61** 88 **3.52** 96 **0.89** 04 **3.71** 12 **2.84**
1873 **1.05** 81 **5.84** 89 **0.57** 97 **2.63** 05 **7.10** 13 **2.17**
1874 **2.76** 82 **2.80** 90 **4.48** 98 **3.08** 06 **2.12** 14 **4.95**
1875 **1.69** 83 **1.48** 91 **2.13** 99 **2.38** 07 **3.44** 15
1876 **1.00** 84 **4.65** 92 **1.64** 00 **2.60** 08 **4.72** 16
1877 **1.41** 85 **4.39** 93 **2.39** 01 **6.08** 09 **3.39** 17
1878 **4.34** 86 **2.18** 94 **2.66** 02 **4.12** 10 **2.50** 18
Normal for this month **3.00**

Excess (+) or deficiency (-) of this month as compared with the normal **+1.95**
Accumulated excess (+) or deficiency (-) since January 1 **-8.80**

WIND.
Prevailing direction **northeast**; total movement **5,322** ⁴³ miles;
average hourly velocity **7.2**; maximum velocity (for five minutes) **25** miles per hour, from **west** on **29th**.

WEATHER.
Number of days, clear **7**; partly cloudy **6**; cloudy **18**; on which .01 inch, or more, of precipitation occurred **19**.

MISCELLANEOUS PHENOMENA (dates of).
Auroras **none**; halos: solar **18, 20, 23**; lunar **1, 2, 23, 31**
Hail **none**; sleet **11, 28, 29**; fog **2, 3, 29**
Thunderstorms **none**

*Frost: light _____; heavy _____; killing _____