

# MONTHLY METEOROLOGICAL SUMMARY.

Station, **RICHMOND, VA.**; month, **MAY**, 1924, 19

| Date. | TEMPERATURE<br>(Degrees Fahrenheit.) |      |       | Precipitation.<br>(In inches and hundredths.) | Character<br>of day. | Sun<br>shine<br>(Percent<br>age.) | ATMOSPHERIC PRESSURE.<br>(Reduced to sea level; inches and hundredths.) |        |
|-------|--------------------------------------|------|-------|---|----------------------|-----------------------------------|---|--------|
|       | Max.                                 | Min. | Mean. |   |                      |                                   | Mean  | lowest |
| 1     | 69                                   | 52   | 60    | 0   | Clear                | 88                                | 29.87   | 30.14  |
| 2     | 72                                   | 43   | 58    | 0   | Clear                | 100                               | 29.49   | 10th   |
| 3     | 77                                   | 51   | 64    | T   | Clear                | 80                                | TEMPERATURE.  |        |
| 4     | 75                                   | 51   | 63    | .06   | Pt. Cldy             | 31                                | Highest   | 86     |
| 5     | 73                                   | 49   | 61    | 0   | Clear                | 100                               | date  | 29th   |
| 6     | 85                                   | 50   | 68    | 0   | Pt. Cldy             | 90                                | lowest  | 43     |
| 7     | 74                                   | 60   | 67    | 1.63  | Cloudy               | 47                                | Greatest daily range  | 35     |
| 8     | 78                                   | 61   | 70    | .39   | Cloudy               | 51                                | Least daily range   | 8      |
| 9     | 73                                   | 55   | 64    | .02   | Pt. Cldy             | 66                                | Mean for this month in  |        |
| 10    | 62                                   | 51   | 56    | .03   | Cloudy               | 38                                | 1871  | 80     |
| 11    | 59                                   | 51   | 55    | 1.00  | Cloudy               | 4                                 | 1872  | 81     |
| 12    | 65                                   | 47   | 56    | T   | Pt. Cldy             | 61                                | 1873  | 82     |
| 13    | 75                                   | 50   | 62    | 0   | Clear                | 100                               | 1874  | 83     |
| 14    | 76                                   | 53   | 64    | .03   | Pt. Cldy             | 61                                | 1875  | 84     |
| 15    | 72                                   | 50   | 61    | .06   | Pt. Cldy             | 81                                | 1876  | 85     |
| 16    | 63                                   | 50   | 56    | .50   | Cloudy               | 34                                | 1877  | 86     |
| 17    | 73                                   | 45   | 59    | 0   | Clear                | 100                               | 1878  | 87     |
| 18    | 78                                   | 53   | 66    | 0   | Clear                | 100                               | 1879  | 88     |
| 19    | 75                                   | 54   | 64    | 0   | Clear                | 100                               | Normal for this month   |        |
| 20    | 77                                   | 57   | 67    | .56   | Pt. Cldy             | 58                                | 66.5  |        |
| 21    | 73                                   | 55   | 64    | .31   | Cloudy               | 47                                | Absolute maximum for this month for                                     |        |
| 22    | 67                                   | 52   | 60    | 0   | Clear                | 83                                | 26 years 95   |        |
| 23    | 78                                   | 47   | 62    | 0   | Clear                | 88                                | Absolute minimum for this month for                                     |        |
| 24    | 79                                   | 61   | 70    | 1.01  | Cloudy               | 37                                | 26 years 35   |        |
| 25    | 67                                   | 52   | 60    | .03   | Clear                | 89                                | Average daily excess (+) or deficiency (-) of this month as compared    |        |
| 26    | 71                                   | 45   | 58    | 0   | Clear                | 90                                | with the normal   |        |
| 27    | 66                                   | 58   | 62    | .48   | Cloudy               | 6                                 | -3.7  |        |
| 28    | 83                                   | 63   | 73    | .22   | Cloudy               | 64                                | Accumulated excess (+) or deficiency (-) since January 1                |        |
| 29    | 86                                   | 61   | 74    | 1.03  | Cloudy               | 57                                | -294  |        |
| 30    | 70                                   | 54   | 62    | 0   | Clear                | 71                                | Average daily excess (+) or deficiency (-) since January 1              |        |
| 31    | 71                                   | 48   | 60    | 0   | Clear                | 98                                | -1.9  |        |
| Mean  | 73.0                                 | 52.5 | 62.8  | 7.36  |                      | 70                                | PRECIPITATION.  |        |

Mean 29.87; highest 30.14, date 10th  
lowest 29.49, date 8th

Highest 86, date 29th; lowest 43, date 2nd  
Greatest daily range 35, date 6th  
Least daily range 8, date 11th

Mean for this month in

|      |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|
| 1871 | 80 | 89 | 67 | 98 | 67 | 07 | 63 | 16 | 70 |
| 1872 | 81 | 68 | 90 | 67 | 99 | 68 | 08 | 67 | 17 |
| 1873 | 82 | 62 | 91 | 66 | 00 | 68 | 09 | 63 | 18 |
| 1874 | 83 | 68 | 92 | 70 | 01 | 66 | 10 | 64 | 19 |
| 1875 | 84 | 69 | 93 | 66 | 02 | 68 | 11 | 70 | 20 |
| 1876 | 85 | 66 | 94 | 70 | 03 | 68 | 12 | 67 | 21 |
| 1877 | 86 | 62 | 95 | 64 | 04 | 67 | 13 | 67 | 22 |
| 1878 | 87 | 73 | 96 | 75 | 05 | 69 | 14 | 69 | 23 |
| 1879 | 88 | 66 | 97 | 66 | 06 | 67 | 15 | 66 | 24 |

Normal for this month 66.5  
Absolute maximum for this month for 26 years 95  
Absolute minimum for this month for 26 years 35  
Average daily excess (+) or deficiency (-) of this month as compared with the normal -3.7  
Accumulated excess (+) or deficiency (-) since January 1 -294  
Average daily excess (+) or deficiency (-) since January 1 -1.9

PRECIPITATION.  
Total this month 7.36; snowfall 0  
Greatest precipitation in 24 hours 1.98, date 7-8th  
Snow on the ground at end of month 0

Total precipitation this month in

|      |      |    |      |    |      |    |      |    |      |    |      |
|------|------|----|------|----|------|----|------|----|------|----|------|
| 1871 | 4.61 | 80 | 1.35 | 89 | 9.13 | 98 | 5.28 | 07 | 5.78 | 16 | 4.74 |
| 1872 | 1.77 | 81 | 1.15 | 90 | 4.69 | 99 | 2.14 | 08 | 6.71 | 17 | 4.59 |
| 1873 | 8.98 | 82 | 4.11 | 91 | 5.18 | 00 | 2.20 | 09 | 3.41 | 18 | 3.50 |
| 1874 | 2.20 | 83 | 1.60 | 92 | 2.32 | 01 | 3.80 | 10 | 2.67 | 19 | 5.19 |
| 1875 | 2.67 | 84 | 1.51 | 93 | 5.15 | 02 | 3.42 | 11 | 0.60 | 20 | 3.06 |
| 1876 | 3.04 | 85 | 5.17 | 94 | 6.74 | 03 | 3.36 | 12 | 4.59 | 21 | 3.89 |
| 1877 | 2.04 | 86 | 8.67 | 95 | 4.24 | 04 | 1.45 | 13 | 1.80 | 22 | 3.27 |
| 1878 | 5.42 | 87 | 3.56 | 96 | 3.03 | 05 | 4.09 | 14 | 2.50 | 23 | 1.16 |
| 1879 | 1.70 | 88 | 5.70 | 97 | 2.48 | 06 | 3.37 | 15 | 3.00 | 24 | 7.36 |

Normal for this month 3.85  
Excess (+) or deficiency (-) of this month as compared with the normal +3.51  
Accumulated excess (+) or deficiency (-) since January 1 +1.54

MEAN RELATIVE HUMIDITY (Percentage).  
8 a. m., 76; 12 p. m., 53; 8 p. m., 66

WIND.  
Prevailing direction S.; total movement 6,199 miles;  
average hourly velocity 8.3; maximum velocity (for five minutes) 33 miles per hour, from N.W. on 14th

WEATHER.  
Number of days, clear 14; partly cloudy 7; cloudy 10;  
on which .01 inch, or more, of precipitation occurred 16

MISCELLANEOUS PHENOMENA (dates of).  
Auroras 0; halos: solar 7, 15; lunar 0  
Hail 0; sleet 0; fog 0  
Thunderstorms 20, 21, 24, 25, 28, 29  
\*Frost: light; heavy; killing

NOTE.—"T" indicates trace of precipitation.

\*In the autumn frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

Total number of hours of sunshine. 308.7

**E. A. EVANS**

Weather Bureau.