

# MONTHLY METEOROLOGICAL SUMMARY.

Station, **RICHMOND, Va.**, month, **SEPTEMBER 1927**, 19 2197

| Date. | TEMPERATURE<br>(Degrees Fahrenheit.) |      |       | Precipitation<br>(In inches and hundredths.) | Character of day. | Sun shine<br>Percent age. |
|-------|--------------------------------------|------|-------|--|-------------------|---------------------------|
|       | Max.                                 | Min. | Mean. |  |                   |                           |
| 1     | 80                                   | 63   | 72    | T  | Pt. Cldy          | 53                        |
| 2     | 84                                   | 63   | 74    | 0  | Clear             | 84                        |
| 3     | 89                                   | 66   | 78    | 0  | Pt. Cldy          | 70                        |
| 4     | 88                                   | 66   | 77    | 0  | Clear             | 88                        |
| 5     | 82                                   | 61   | 72    | 0  | Clear             | 100                       |
| 6     | 81                                   | 59   | 70    | 0  | Clear             | 100                       |
| 7     | 85                                   | 56   | 70    | 0  | Clear             | 100                       |
| 8     | 84                                   | 68   | 76    | .19  | Pt. Cldy          | 74                        |
| 9     | 70                                   | 65   | 68    | 3.42   | Cloudy            | 0                         |
| 10    | 79                                   | 65   | 71    | .01  | Pt. Cldy          | 40                        |
| 11    | 87                                   | 69   | 78    | .08  | Clear             | 85                        |
| 12    | 79                                   | 62   | 70    | 0  | Clear             | 99                        |
| 13    | 84                                   | 59   | 72    | 0  | Clear             | 78                        |
| 14    | 89                                   | 70   | 80    | 0  | Clear             | 82                        |
| 15    | 94                                   | 69   | 82    | 0  | Clear             | 82                        |
| 16    | 88                                   | 70   | 79    | 0  | Clear             | 98                        |
| 17    | 81                                   | 68   | 74    | 0  | Pt. Cldy          | 52                        |
| 18    | 87                                   | 68   | 78    | 0  | Clear             | 67                        |
| 19    | 86                                   | 61   | 74    | .31  | Pt. Cldy          | 46                        |
| 20    | 76                                   | 61   | 68    | 0  | Pt. Cldy          | 73                        |
| 21    | 71                                   | 54   | 62    | 0  | Clear             | 79                        |
| 22    | 72                                   | 48   | 60    | 0  | Clear             | 86                        |
| 23    | 71                                   | 49   | 60    | 0  | Clear             | 94                        |
| 24    | 72                                   | 47   | 60    | 0  | Clear             | 100                       |
| 25    | 73                                   | 47   | 60    | 0  | Clear             | 96                        |
| 26    | 76                                   | 48   | 62    | 0  | Clear             | 96                        |
| 27    | 80                                   | 54   | 67    | 0  | Clear             | 83                        |
| 28    | 76                                   | 56   | 66    | 0  | Pt. Cldy          | 61                        |
| 29    | 80                                   | 59   | 70    | 0  | Pt. Cldy          | 61                        |
| 30    | 85                                   | 61   | 73    | 0  | Clear             | 98                        |
| 31    |                                      |      |       |  |                   |                           |
| Mean  | 81.0                                 | 60.3 | 70.6  | Total<br>4.01                                |                   | 77                        |

| ATMOSPHERIC PRESSURE<br>(Reduced to sea level; inches and hundredths.)               |   |
|--|---|
| Mean   | 30.04   |
| highest  | 30.38, date 25th                                |
| lowest   | 29.60, date 11th                                |
| TEMPERATURE.   |   |
| Highest  | 94, date 15th; lowest 47, date 25th             |
| Greatest daily range   | 29, date 7th                                    |
| Least daily range  | 5, date 9th                                     |
| MEAN FOR THIS MONTH IN—  |   |
| 1871   | 81 79 91 79 01 70 11 72 21 77                   |
| 1872   | 82 70 92 70 02 69 12 73 22 71                   |
| 1873   | 83 69 93 68 03 69 13 69 23 71                   |
| 1874   | 84 76 94 73 04 71 14 68 24 66                   |
| 1875   | 85 74 95 76 05 72 15 72 25 75                   |
| 1876   | 86 72 96 70 06 74 16 65 26 71                   |
| 1877   | 87 70 97 72 07 73 17 65 27 71                   |
| 1878   | 88 67 98 73 08 68 18 66 28                      |
| 1879   | 89 68 99 70 09 67 19 71 29                      |
| 1880   | 90 70 00 76 10 72 20 71 30                      |
| Normal for this month  | 70.5  |
| Absolute maximum for this month for  | 30 years 100                                    |
| Absolute minimum for this month for  | 30 years 41                                     |
| Average daily excess (+) or deficiency (-) of this month as compared with the normal | +0.1  |
| Accumulated excess (+) or deficiency (-) since January 1                             | 200   |
| Average daily excess (+) or deficiency (-) since January 1                           | 0.7   |
| PRECIPITATION.   |   |
| Total this month   | 4.01; snowfall 0                                |
| Greatest precipitation in 24 hours   | 3.60, date 8-9                                  |
| Snow on the ground at end of month   | 0   |
| TOTAL PRECIPITATION THIS MONTH IN—   |   |
| 1871   | 81 2.42 91 1.23 01 3.21 11 1.85 21 0.95         |
| 1872   | 82 2.42 92 3.15 02 4.21 12 4.20 22 0.66         |
| 1873   | 83 2.59 93 6.03 03 6.86 03 1.60 13 3.20 23 4.25 |
| 1874   | 84 2.90 94 0.15 94 6.48 04 3.00 14 1.47 24 9.55 |
| 1875   | 85 1.58 85 1.20 95 0.42 05 2.61 15 1.99 25 0.93 |
| 1876   | 86 4.42 86 3.07 96 6.20 06 0.85 16 2.01 26 1.46 |
| 1877   | 87 2.35 87 1.19 97 1.03 07 6.51 17 4.62 27 4.01 |
| 1878   | 88 0.96 88 10.41 98 2.33 08 2.74 18 3.55 28     |
| 1879   | 89 1.24 89 5.60 99 6.21 09 2.89 19 0.54 29      |
| 1880   | 3.52 90 5.50 00 4.03 10 1.07 20 2.71 30         |
| Normal for this month  | 3.43  |
| Excess (+) or deficiency (-) of this month as compared with the normal               | +0.58   |
| Accumulated excess (+) or deficiency (-) since January 1                             | +2.79   |
| MEAN RELATIVE HUMIDITY (Percentage).   |   |
| 8 a. m.  | 85  |
| 12 p. m.   | 57  |
| 8 p. m.  | 78  |
| WIND.  |   |
| Prevailing direction   | SW  |
| total movement   | 4,000 miles;                                    |
| average hourly velocity  | 5.6; maximum velocity (for five minutes)        |
|  | 21 miles per hour, from SW                      |
| on   | 30  |
| WEATHER.   |   |
| Number of days, clear  | 20; partly cloudy 9; cloudy 1;                  |
| on which .01 inch, or more, of precipitation occurred                                | 5   |
| MISCELLANEOUS PHENOMENA (dates of).  |   |
| Auroras  | C; halos: solar 0, lunar 14                     |
| Hail   | 0; sleet 0; fog 3-15-27                         |
| Thunderstorms  | 1-3-8-19  |
| *Frost: light  | 0; heavy 0; killing 0                           |

9/27 Richmond Va

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, 288.7

5-1030 GOVERNMENT PRINTING OFFICE

WMO 10 1-27-21

BEST AVAILABLE RECORD

**E. A. EVANS**

Weather Bureau