

MONTHLY METEOROLOGICAL SUMMARY

Station, **RICHMOND, Va.**, month, **April**, 1928, 19 4/28

| Date. | TEMPERATURE (Degrees Fahrenheit.) | | | Precipitation Hour (In inches and hundredths.) | Character of day. | Sun- shine. Percent age. |
|-------|--------------------------------------|------|-------|--|----------------------|-----------------------------------|
| | Max. | Min. | Mean. | | | |
| 1 | 62 | 32 | 47 | .01 | Clear | 71 |
| 2 | 57 | 38 | 48 | .04 | Pt. Cldy | 66 |
| 3 | 68 | 36 | 52 | 0 | Clear | 91 |
| 4 | 82 | 50 | 66 | 0 | Clear | 98 |
| 5 | 79 | 58 | 68 | 0 | Pt. Cldy | 88 |
| 6 | 80 | 59 | 70 | 0 | Clear | 100 |
| 7 | 76 | 56 | 66 | .14 | Cloudy | 47 |
| 8 | 65 | 47 | 56 | 0 | Clear | 100 |
| 9 | 56 | 39 | 48 | .31 | Cloudy | 34 |
| 10 | 48 | 38 | 40 | .68 | Cloudy | 0 |
| 11 | 42 | 38 | 40 | .85 | Cloudy | 0 |
| 12 | 67 | 36 | 52 | 0 | Pt. Cldy | 61 |
| 13 | 71 | 43 | 57 | 0 | Clear | 94 |
| 14 | 76 | 52 | 64 | 0 | Cloudy | 8 |
| 15 | 66 | 37 | 52 | .05 | Cloudy | 0 |
| 16 | 54 | 31 | 42 | 0 | Clear | 97 |
| 17 | 62 | 31 | 46 | 0 | Pt. Cldy | 62 |
| 18 | 62 | 35 | 48 | 0 | Clear | 97 |
| 19 | 80 | 52 | 66 | 0 | Pt. Cldy | 51 |
| 20 | 65 | 46 | 56 | .08 | Cloudy | 7 |
| 21 | 50 | 44 | 47 | .15 | Cloudy | 0 |
| 22 | 80 | 45 | 62 | .64 | Cloudy | 10 |
| 23 | 65 | 47 | 56 | 1.15 | Cloudy | 0 |
| 24 | 70 | 46 | 58 | T | Clear | 88 |
| 25 | 66 | 46 | 56 | .02 | Clear | 85 |
| 26 | 64 | 38 | 51 | 0 | Clear | 95 |
| 27 | 53 | 43 | 48 | 2.74 | Cloudy | 0 |
| 28 | 45 | 38 | 42 | .05 | Cloudy | 0 |
| 29 | 68 | 39 | 54 | 0 | Clear | 82 |
| 30 | 80 | 56 | 68 | 0 | Pt. Cldy | 55 |
| 31 | | | | | | |
| Mean | 65.1 | 43.2 | 54.2 | Total 6.86 | | 52 |

ATMOSPHERIC PRESSURE
(Reduced to sea level; inches and hundredths.)

Mean..... 29.99; highest..... 30.56, date..... 3rd
lowest..... 29.32, date..... 28th

TEMPERATURE

Highest..... 82, date..... 4th; lowest..... 31, date..... 16th
Greatest daily range..... 35, date..... 22nd
Least daily range..... 4, date..... 11th

MEAN FOR THIS MONTH

| | | | | | | | | | | |
|------|----|----|----|----|----|----|----|----|----|----|
| 1871 | 81 | 53 | 61 | 53 | 01 | 53 | 11 | 52 | 21 | 60 |
| 1872 | 82 | 53 | 62 | 53 | 02 | 56 | 12 | 60 | 22 | 59 |
| 1873 | 83 | 56 | 63 | 61 | 03 | 58 | 13 | 58 | 23 | 58 |
| 1874 | 84 | 55 | 64 | 57 | 04 | 54 | 14 | 56 | 24 | 54 |
| 1875 | 85 | 57 | 65 | 58 | 05 | 58 | 15 | 60 | 25 | 56 |
| 1876 | 86 | 52 | 66 | 59 | 06 | 59 | 16 | 56 | 26 | 54 |
| 1877 | 87 | 54 | 67 | 59 | 07 | 50 | 17 | 57 | 27 | 54 |
| 1878 | 88 | 55 | 68 | 54 | 08 | 60 | 18 | 55 | 28 | 54 |
| 1879 | 89 | 58 | 69 | 57 | 09 | 58 | 19 | 57 | 29 | |
| 1880 | 59 | 90 | 58 | 67 | 10 | 58 | 20 | 55 | 30 | |

Normal for this month..... 56.6
Absolute maximum for this month for..... 91..... years..... 96
Absolute minimum for this month for..... 31..... years..... 19
Average daily excess (+) or deficiency (-) of this month as compared with the normal..... -2.4
Accumulated excess (+) or deficiency (-) since January 1..... -9.0
Average daily excess (+) or deficiency (-) since January 1..... -0.1

PRECIPITATION

Total this month..... 6.86; snowfall..... 0
Greatest precipitation in 24 hours..... 2.76, date..... 27-28th
Snow on the ground at end of month..... 0

TOTAL PRECIPITATION THIS MONTH IN—

| | | | | | | | | | | | |
|------|------|----|------|----|------|----|------|----|------|----|------|
| 1871 | 2.10 | 81 | 3.02 | 81 | 1.94 | 01 | 3.23 | 11 | 4.00 | 21 | 4.62 |
| 1872 | 2.22 | 82 | 1.95 | 82 | 6.77 | 02 | 3.12 | 12 | 2.12 | 22 | 2.01 |
| 1873 | 4.45 | 83 | 6.45 | 83 | 3.28 | 03 | 4.46 | 13 | 2.54 | 23 | 3.96 |
| 1874 | 7.02 | 84 | 1.94 | 84 | 3.26 | 04 | 1.57 | 14 | 1.28 | 24 | 5.11 |
| 1875 | 3.11 | 85 | 1.63 | 85 | 3.81 | 05 | 3.06 | 15 | 1.68 | 25 | 2.33 |
| 1876 | 1.31 | 86 | 2.57 | 86 | 1.69 | 06 | 2.16 | 16 | 1.94 | 26 | 2.01 |
| 1877 | 3.33 | 87 | 2.63 | 87 | 5.76 | 07 | 4.87 | 17 | 2.56 | 27 | 2.57 |
| 1878 | 3.47 | 88 | 2.55 | 88 | 1.83 | 08 | 2.73 | 18 | 3.02 | 28 | 6.86 |
| 1879 | 3.25 | 89 | 3.89 | 89 | 2.04 | 09 | 3.21 | 19 | 3.25 | 29 | |
| 1880 | 1.06 | 90 | 2.79 | 90 | 3.92 | 10 | 8.74 | 20 | 2.96 | 30 | |

Normal for this month..... 3.49
Excess (+) or deficiency (-) of this month as compared with the normal..... -3.37
Accumulated excess (+) or deficiency (-) since January 1..... -0.1

MEAN RELATIVE HUMIDITY (Percentage)

8 a. m., 76; Noon p. m., 54; 8 p. m., 60

WIND

Prevailing direction..... SW; total movement..... 7.100 miles;
average hourly velocity..... 9.9; maximum velocity (for five minutes)..... 34 miles per hour, from..... SW
on..... 14th

WEATHER

Number of days, clear..... 12; partly cloudy..... 6; cloudy..... 12;
on which .01 inch, or more, of precipitation occurred..... 14

MISCELLANEOUS PHENOMENA (dates of)

Auroras..... 0; halos: solar..... 26-30; lunar..... 29-30
Hail..... 0; sleet..... 15; fog..... 0
Thunderstorms..... 22-23
*Frost: light..... 18-26 heavy..... 17; killing..... 0

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, 207.6³