

MONTHLY RECORD OF OBSERVATIONS at Richmond, Va., for the Month of JUN - - 1917, 191

TEMPERATURE.

PRECIPITATION.

FRIDAY

| DATE. | TEMPERATURE.    |                 |               |                |                              |         |            | PRECIPITATION.                                 |                 |            |         |                 |            |         |                 |            |         |                 |            |         |                                 |         |            |  | DATE. |  |  |  |  |
|-------|-----------------|-----------------|---------------|----------------|------------------------------|---------|------------|--|-----------------|------------|---------|-----------------|------------|---------|-----------------|------------|---------|-----------------|------------|---------|---------------------------------|---------|------------|--|-------|--|--|--|--|
|       | Maximum.<br>(b) | Minimum.<br>(b) | Range.<br>(b) | Change.<br>(b) | Mean (max. and min.).<br>(b) | Normal. | Departure. | Total excess or deficiency since 1st of month. | Character.<br>+ | Beginning. | Ending. | Character.<br>+ | Beginning. | Ending. | Character.<br>+ | Beginning. | Ending. | Character.<br>+ | Beginning. | Ending. | Total (mid. to mid.).<br>(b) †† | Normal. | Departure. | Total excess or deficiency since 1st of month. |       | Hail and sleet un-melted.<br>p.m. to p.m.<br>*†† | Snow un-melted.<br>p.m. to p.m.<br>*†† | Hail, sleet, and snow on ground at p.m.<br>*†† | Amount of precipitation from melted snow (mid. to mid.). |
|       | 0               | 0               | 0             | 0              | 0                            |         | -1.98      |  |                 |            |         |                 |            |         |                 |            |         |                 |            |         | In.                             |         | +1.24      | In.  | In.   | In.  |  |  |  |
| 1     | 87              | 61              | 26            | 7              | 74                           | 72      | + 2        | + 2  | R               | 7.40p      | 8.45p   | R               | 9.20p      | 9.40p   |                 |            |         |                 |            |         | .30                             | .13     | + .17      | + .17  | 0     | 0  | 0                                      | 0  | 1  |
| 2     | 88              | 63              | 25            | 2              | 76                           | 72      | + 4        | + 6  | R               | 7.04p      | 7.05p   | R               | 9.10p      | DNp     |                 |            |         |                 |            |         | 1.21                            | .13     | +1.08      | +1.25  | T     | 0  | 0                                      | 0  | 2  |
| 3     | 86              | 63              | 23            | 2              | 74                           | 72      | + 2        | + 8  |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .13     | -.13       | +1.12  | 0     | 0  | 0                                      | 0  | 3  |
| 4     | 78              | 62              | 16            | 4              | 70                           | 73      | - 3        | + 5  |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .12     | -.12       | +1.00  | 0     | 0  | 0                                      | 0  | 4  |
| 5     | 82              | 59              | 23            | 0              | 70                           | 73      | - 3        | + 2  | R               | 6.30p      | 6.45p   |                 |            |         |                 |            |         |                 |            |         | T                               | .11     | -.11       | + .89  | 0     | 0  | 0                                      | 0  | 5  |
| 6     | 89              | 64              | 25            | 6              | 76                           | 73      | + 3        | + 5  | R               | 3.38p      | 4.00p   |                 |            |         |                 |            |         |                 |            |         | .06                             | .10     | -.04       | + .85  | 0     | 0  | 0                                      | 0  | 6  |
| 7     | 82              | 67              | 15            | 2              | 74                           | 73      | + 1        | + 6  | R               | 11.21a     | 12.40p  |                 |            |         |                 |            |         |                 |            |         | .06                             | .11     | -.05       | + .80  | 0     | 0  | 0                                      | 0  | 7  |
| 8     | 85              | 66              | 19            | 2              | 76                           | 74      | + 2        | + 8  | R               | 3.40p      | 4.07p   | R               | 4.25p      | 5.00p   |                 |            |         |                 |            |         | .05                             | .11     | -.06       | + .74  | 0     | 0  | 0                                      | 0  | 8  |
| 9     | 84              | 62              | 22            | 3              | 73                           | 74      | - 1        | + 7  | R               | 6.05p      | 8.15p   | R               | 8.45p      | ----    |                 |            |         |                 |            |         | .91                             | .10     | + .81      | +1.55  | 0     | 0  | 0                                      | 0  | 9  |
| 10    | 73              | 64              | 9             | 5              | 68                           | 74      | - 6        | + 1  | R               | ----       | DNa     | R               | 7.00a      | 9.25a   |                 |            |         |                 |            |         | .77                             | .10     | + .67      | +2.22  | 0     | 0  | 0                                      | 0  | 10   |
| 11    | 80              | 65              | 15            | 4              | 72                           | 74      | - 2        | - 1  | R               | 10.21a     | 10.30a  | R               | 11.10a     | 12.15p  |                 |            |         |                 |            |         | .01                             | .11     | -.10       | +2.12  | 0     | 0  | 0                                      | 0  | 11   |
| 12    | 87              | 64              | 23            | 4              | 76                           | 74      | + 2        | + 1  |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .11     | -.11       | +2.01  | 0     | 0  | 0                                      | 0  | 12   |
| 13    | 87              | 68              | 19            | 2              | 78                           | 75      | + 3        | + 4  |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .12     | -.12       | +1.89  | 0     | 0  | 0                                      | 0  | 13   |
| 14    | 82              | 62              | 20            | 6              | 72                           | 75      | - 3        | + 1  | R               | 11.10a     | 12.15p  | R               | 2.10p      | 2.40p   | R               | 5.00p      | 8.05p   | R               | 9.05p      | 11.10p  | .34                             | .12     | + .22      | +2.11  | 0     | 0  | 0                                      | 0  | 14   |
| 15    | 77              | 58              | 19            | 4              | 68                           | 75      | - 7        | - 6  | R               | 8.10a      | 8.25a   | R               | 5.25p      | 5.40p   |                 |            |         |                 |            |         | T                               | .12     | -.12       | +1.99  | 0     | 0  | 0                                      | 0  | 15   |
| 16    | 72              | 53              | 19            | 6              | 62                           | 75      | -13        | - 19   |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .11     | -.11       | +1.88  | 0     | 0  | 0                                      | 0  | 16   |
| 17    | 76              | 52              | 24            | 2              | 64                           | 76      | -12        | - 31   |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .11     | -.11       | +1.77  | 0     | 0  | 0                                      | 0  | 17   |
| 18    | 82              | 55              | 27            | 4              | 68                           | 76      | - 8        | - 39   |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .12     | -.12       | +1.65  | 0     | 0  | 0                                      | 0  | 18   |
| 19    | 82              | 59              | 23            | 2              | 70                           | 76      | - 6        | - 45   |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .11     | -.11       | +1.54  | 0     | 0  | 0                                      | 0  | 19   |
| 20    | 84              | 61              | 23            | 2              | 72                           | 76      | - 4        | - 49   | R               | 6.01p      | 7.30p   | R               | 7.45p      | 8.10p   |                 |            |         |                 |            |         | .15                             | .11     | + .04      | +1.58  | 0     | 0  | 0                                      | 0  | 20   |
| 21    | 86              | 61              | 25            | 2              | 74                           | 76      | - 2        | - 51   |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .11     | -.11       | +1.47  | 0     | 0  | 0                                      | 0  | 21   |
| 22    | 85              | 68              | 17            | 2              | 76                           | 76      | 0          | - 51   | R               | DNa        | DNa     |                 |            |         |                 |            |         |                 |            |         | .03                             | .10     | -.07       | +1.40  | 0     | 0  | 0                                      | 0  | 22   |
| 23    | 90              | 68              | 22            | 3              | 79                           | 77      | + 2        | - 49   |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .10     | -.10       | +1.30  | 0     | 0  | 0                                      | 0  | 23   |
| 24    | 93              | 67              | 26            | 1              | 80                           | 77      | + 3        | - 46   | R               | 4.00p      | 4.30p   | R               | 6.30p      | 8.20p   |                 |            |         |                 |            |         | .33                             | .11     | + .22      | +1.52  | 0     | 0  | 0                                      | 0  | 24   |
| 25    | 83              | 67              | 16            | 5              | 75                           | 77      | - 2        | - 48   |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .12     | -.12       | +1.40  | 0     | 0  | 0                                      | 0  | 25   |
| 26    | 87              | 67              | 20            | 2              | 77                           | 77      | 0          | - 48   |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .13     | -.13       | +1.27  | 0     | 0  | 0                                      | 0  | 26   |
| 27    | 94              | 68              | 26            | 4              | 81                           | 77      | + 4        | - 44   | R               | 4.55p      | 5.35p   | R               | 8.25p      | ----    |                 |            |         |                 |            |         | .99                             | .14     | + .85      | +2.12  | 0     | 0  | 0                                      | 0  | 27   |
| 28    | 87              | 68              | 19            | 3              | 78                           | 77      | + 1        | - 43   | R               | ---        | DNa     |                 |            |         |                 |            |         |                 |            |         | .01                             | .14     | -.13       | +1.99  | 0     | 0  | 0                                      | 0  | 28   |
| 29    | 85              | 70              | 15            | 0              | 78                           | 78      | 0          | - 43   | R               | 3.40p      | 5.05p   | R               | 9.35p      | 10.10p  |                 |            |         |                 |            |         | .09                             | .15     | -.06       | +1.93  | 0     | 0  | 0                                      | 0  | 29   |
| 30    | 84              | 65              | 19            | 4              | 74                           | 78      | - 4        | - 47   |                 |            |         |                 |            |         |                 |            |         |                 |            |         | 0                               | .14     | -.14       | +1.79  | 0     | 0  | 0                                      | 0  | 30   |
| 31    |                 |                 |               |                |                              |         |            |  |                 |            |         |                 |            |         |                 |            |         |                 |            |         |                                 |         |            |  |       |  |  |  | 31   |
| S...  | 25.17           | 18.97           | 6.20          | 9.5            | 22.05                        | 22.52   |            |  | (a)             | (a)        | (a)     | (a)             | (a)        | (a)     | (a)             | (a)        | (a)     | (a)             | (a)        | (a)     | 5.31                            | 3.52    |            | Total excess or deficiency since January 1,    | T     | 0  | (a)                                    | (a)  | (a)  |
| M...  | 83.9            | 63.2            | 20.7          | 3.2            | 73.5                         | (a)     |            |  | (a)             | (a)        | (a)     | (a)             | (a)        | (a)     | (a)             | (a)        | (a)     | (a)             | (a)        | (a)     | (a)                             | (a)     |            | - 2.45   | (a)   | (a)  | (a)                                    | (a)  | (a)  |

All data are in the standard of time in local use. Use the following abbreviations: R—rain, S<sup>d</sup>—dry snow, S<sup>m</sup>—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. †† Enter the local standard time of observation. \*Inches and tenths.