

**APRIL 2022 - Monthly Summary**

**LOCAL CLIMATOLOGICAL DATA** Royal Oak, MD USA

DAVIS INSTRUMENTS, WEATHERLINK NETWORK Lat.: 38.3595 Lng.: -75.7760 Elev (ground): 13 feet Time Zone: America/New\_York

| DATE | TEMPERATURE °F |         |         |                |                  | DEG DAYS BASE 65 |         | PRECIP. (IN) | PRESSURE (IN HG) |                   | WIND SPEED = MPH DIR = DEGREES |         |               |                |     |         |     |         | DATE | DAY OF THE WEEK |           |
|------|----------------|---------|---------|----------------|------------------|------------------|---------|--------------|------------------|-------------------|--------------------------------|---------|---------------|----------------|-----|---------|-----|---------|------|-----------------|-----------|
|      | MAXIMUM        | MINIMUM | AVERAGE | AVERAGE DEW PT | AVERAGE WET BULB | HEATING          | COOLING | WATER EQUIV  | AVERAGE STATION  | AVERAGE SEA LEVEL | RESULTANT SPEED                | RES DIR | AVERAGE SPEED | WIND MAX       |     |         |     |         |      |                 |           |
|      |                |         |         |                |                  |                  |         |              |                  |                   |                                |         |               | INSTANT        |     | 2 - MIN |     | ARCHIVE |      |                 |           |
|      |                |         |         |                |                  |                  |         |              |                  |                   |                                |         |               | SPEED          | DIR | SPEED   | DIR | SPEED   |      |                 | DIR       |
| 1    | 65             | 44      | 55      | 42             | 47               | 9.87             | 0       | 0            | 29.72            | 29.74             | 6                              | 319     | 7             | 29             | 11  | 17      | 331 | 14      | 333  | 1               | Friday    |
| 2    | 56             | 38      | 46      | 30             | 38               | 18.938           | 0       | 0            | 30.05            | 30.06             | 3                              | 316     | 4             | 20             | 11  | 11      | 318 | 8       | 330  | 2               | Saturday  |
| 3    | 63             | 42      | 51      | 37             | 43               | 14.279           | 0       | 0            | 29.82            | 29.83             | 5                              | 336     | 6             | 27             | 285 | 17      | 317 | 14      | 323  | 3               | Sunday    |
| 4    | 55             | 38      | 46      | 30             | 38               | 18.653           | 0       | 0            | 30.01            | 30.03             | 3                              | 324     | 4             | 22             | 16  | 10      | 333 | 9       | 340  | 4               | Monday    |
| 5    | 63             | 43      | 53      | 49             | 51               | 11.835           | 0       | 0.2          | 29.93            | 29.94             | 3                              | 125     | 3             | 12             | 128 | 7       | 115 | 6       | 125  | 5               | Tuesday   |
| 6    | 60             | 49      | 57      | 55             | 56               | 7.84             | 0       | 1.44         | 29.66            | 29.67             | 1                              | 103     | 4             | 23             | 112 | 12      | 145 | 9       | 158  | 6               | Wednesday |
| 7    | 67             | 48      | 55      | 53             | 54               | 9.992            | 0.09    | 0.22         | 29.62            | 29.64             | 2                              | 117     | 5             | 19             | 82  | 12      | 331 | 9       | 314  | 7               | Thursday  |
| 8    | 63             | 44      | 53      | 43             | 47               | 11.854           | 0       | 0.01         | 29.66            | 29.68             | 2                              | 258     | 4             | 17             | 240 | 9       | 184 | 8       | 251  | 8               | Friday    |
| 9    | 57             | 46      | 51      | 41             | 45               | 14.365           | 0       | 0            | 29.67            | 29.68             | 3                              | 298     | 3             | 20             | 262 | 12      | 288 | 8       | 292  | 9               | Saturday  |
| 10   | 54             | 33      | 46      | 33             | 39               | 18.613           | 0       | 0            | 29.88            | 29.89             | 7                              | 323     | 7             | 28             | 319 | 15      | 303 | 13      | 315  | 10              | Sunday    |
| 11   | 64             | 29      | 47      | 36             | 40               | 17.88            | 0       | 0            | 30.09            | 30.1              | 2                              | 178     | 3             | 16             | 228 | 9       | 241 | 8       | 210  | 11              | Monday    |
| 12   | 77             | 46      | 61      | 52             | 55               | 6.251            | 2.621   | 0            | 30.01            | 30.02             | 2                              | 281     | 2             | 13             | 238 | 9       | 291 | 7       | 290  | 12              | Tuesday   |
| 13   | 82             | 51      | 68      | 57             | 60               | 3.309            | 6.568   | 0            | 29.95            | 29.96             | 4                              | 231     | 4             | 19             | 244 | 12      | 234 | 11      | 231  | 13              | Wednesday |
| 14   | 78             | 57      | 69      | 59             | 62               | 1.214            | 4.733   | 0.2          | 29.83            | 29.85             | 6                              | 245     | 7             | 25             | 219 | 14      | 235 | 13      | 244  | 14              | Thursday  |
| 15   | 69             | 42      | 58      | 40             | 46               | 7.776            | 0.737   | 0.01         | 30.12            | 30.13             | 2                              | 235     | 3             | 17             | 311 | 10      | 230 | 8       | 227  | 15              | Friday    |
| 16   | 72             | 52      | 62      | 50             | 54               | 4.243            | 1.509   | 0.05         | 29.93            | 29.95             | 7                              | 231     | 7             | 25             | 264 | 16      | 238 | 14      | 235  | 16              | Saturday  |
| 17   | 58             | 41      | 52      | 36             | 42               | 12.718           | 0       | 0            | 30.11            | 30.12             | 3                              | 1       | 3             | 21             | 328 | 12      | 320 | 9       | 346  | 17              | Sunday    |
| 18   | 51             | 33      | 45      | 37             | 41               | 20.158           | 0       | 1.36         | 30.06            | 30.07             | 3                              | 91      | 5             | 24             | 309 | 15      | 321 | 13      | 319  | 18              | Monday    |
| 19   | 54             | 42      | 47      | 33             | 39               | 17.892           | 0       | 0.01         | 29.91            | 29.92             | 9                              | 310     | 9             | 32             | 346 | 17      | 323 | 14      | 326  | 19              | Tuesday   |
| 20   | 61             | 40      | 49      | 32             | 39               | 16.014           | 0       | 0            | 30.36            | 30.38             | 3                              | 315     | 4             | 20             | 311 | 12      | 331 | 10      | 329  | 20              | Wednesday |
| 21   | 66             | 39      | 53      | 42             | 46               | 11.553           | 0.034   | 0            | 30.41            | 30.43             | 4                              | 213     | 4             | 18             | 216 | 11      | 209 | 10      | 214  | 21              | Thursday  |
| 22   | 76             | 47      | 62      | 47             | 51               | 6.145            | 2.994   | 0            | 30.34            | 30.35             | 2                              | 343     | 2             | 17             | 298 | 10      | 332 | 8       | 333  | 22              | Friday    |
| 23   | 74             | 43      | 60      | 47             | 51               | 7.3              | 2.401   | 0            | 30.27            | 30.28             | 2                              | 168     | 3             | 16             | 227 | 8       | 175 | 6       | 170  | 23              | Saturday  |
| 24   | 84             | 53      | 65      | 55             | 58               | 4.545            | 4.365   | 0            | 30.11            | 30.12             | 2                              | 109     | 3             | 18             | 94  | 10      | 90  | 8       | 94   | 24              | Sunday    |
| 25   | 76             | 50      | 63      | 56             | 58               | 5.262            | 2.85    | 0            | 30.09            | 30.1              | 3                              | 107     | 3             | 16             | 93  | 9       | 113 | 7       | 98   | 25              | Monday    |
| 26   | 76             | 55      | 65      | 59             | 61               | 3.053            | 2.659   | 0.11         | 29.98            | 30                | 2                              | 329     | 4             | 19             | 321 | 11      | 305 | 9       | 330  | 26              | Tuesday   |
| 27   | 62             | 46      | 55      | 37             | 44               | 10.237           | 0       | 0            | 30.02            | 30.03             | 7                              | 336     | 7             | 29             | 318 | 16      | 315 | 12      | 323  | 27              | Wednesday |
| 28   | 57             | 34      | 46      | 29             | 36               | 19.285           | 0       | 0            | 30.1             | 30.11             | 7                              | 337     | 7             | 25             | 301 | 16      | 312 | 12      | 324  | 28              | Thursday  |
| 29   | 64             | 27      | 46      | 27             | 34               | 18.583           | 0       | 0            | 30.13            | 30.14             | 3                              | 332     | 3             | 24             | 315 | 13      | 323 | 10      | 324  | 29              | Friday    |
| 30   | 68             | 31      | 51      | 33             | 40               | 14.57            | 0.185   | 0            | 30.11            | 30.12             | 1                              | 307     | 2             | 15             | 326 | 9       | 297 | 7       | 258  | 30              | Saturday  |
|      | 66             | 43      | 55      | 43             | 47               | 11.474           | 2.442   |              | 30               | 30.01             | 4                              | 240.62  | 4             | < Monthly Avg. |     |         |     |         |      |                 |           |

**TOTAL SUM PRECIPITATION** 3.61

**NUMBER OF DAYS WITH**

|                      |                      |                              |   |
|----------------------|----------------------|------------------------------|---|
| Maximum Temp ≥ 90: 0 | Minimum Temp ≤ 32: 3 | Precipitation ≥ 0.01 inch: 7 | Greatest 24 - hr precipitatio: 1.63 Date: 5-6 |
| Maximum Temp ≤ 32: 0 | Minimum Temp ≤ 0: 0  | Precipitation ≥ 0.10 inch: 6 | Monthly Total Precipitation: 3.61             |

| SEA LEVEL PRESSURE | DATE  | TIME | DEGREE DAYS | MONTHLY TOTAL | SEASON TO DATE TOTAL |
|--------------------|-------|------|-------------|---------------|----------------------|
| MAXIMUM            | 30.5  | 21   | HEATING     | 344.226       | 3839.02              |
| MINIMUM            | 29.47 | 6    | COOLING     | 31.747        | 44.960               |