



# MAY 2017 LOCAL CLIMATOLOGICAL DATA

NOAA, National Centers for Environmental Information

**RICHMOND, VA**  
**RICHMOND INTERNATIONAL AIRPORT (KRIC)**  
 Lat:37° 30'N Long: 77° 19'W Elev (Ground) 164 Feet  
 Time Zone : EASTERN WBAN: 13740 ISSN#: 0198-537X



**MAY 2017  
RICHMOND, VA**

| Date<br>1                       | Temperature °F |              |                                   |                         |                        |                          | Deg Days<br>BASE 65° |              | WEATHER<br>10  | SNOW/ICE<br>ON GND(IN) |                                  | PRECIPITATION<br>ON GND(IN) |  | PRESSURE<br>(INCHES OF HG) |  | WIND SPEED = MPH<br>DIR = TENS OF DEGREES |  |                        |                    |    |       |    |    | Date<br>24 |
|---------------------------------|----------------|--------------|-----------------------------------|-------------------------|------------------------|--------------------------|----------------------|--------------|--|------------------------|----------------------------------|-----------------------------|--|----------------------------|--|---|--|------------------------|--------------------|----|-------|----|----|------------|
|                                 | MAXIMUM<br>2   | MINIMUM<br>3 | AVERAGE<br>4                      | DEP FROM<br>NORMAL<br>5 | AVERAGE<br>DEW PT<br>6 | AVERAGE<br>WET BULB<br>7 | HEATING<br>8         | COOLING<br>9 |  | 0700<br>LST<br>11      | 1300<br>LST<br>12                | 2400<br>LST<br>13           | 2400<br>LST<br>14                              | AVERAGE<br>STATION<br>15   | AVERAGE<br>SEA LEVEL<br>16               | RESULTANT<br>SPEED<br>17                  | RES DIR<br>18                            | AVERAGE<br>SPEED<br>19 | MAXIMUM            |    |       |    |    |            |
|                                 |                |              |                                   |                         |                        |                          |                      |              |  |                        |                                  |                             |  |                            |  |   |  |                        | 3-SEC              |    | 2-MIN |    |    |            |
| 20                              | 21             | 22           | 23                                | 24                      |                        |                          |                      |              |  |                        |                                  |                             |  |                            |  |   |  |                        |                    |    |       |    |    |            |
| 01                              | 85             | 69           | 77                                | 16                      | 65                     | 69                       | 0                    | 12           | TS TSRA RA BR  | 0                      |                                  | 0.0                         | 0.34   | 29.73                      | 29.89                                    | 17.0                                      | 19                                       | 17.2                   | 38                 | 18 | 31    | 20 | 01 |            |
| 02                              | 77             | 59           | 68                                | 7                       | 51                     | 59                       | 0                    | 3            | RA   | 0                      |                                  | 0.0                         | 0.01   | 29.59                      | 29.79                                    | 14.4                                      | 24                                       | 15.0                   | 37                 | 27 | 26    | 23 | 02 |            |
| 03                              | 74             | 51           | 63                                | 2                       | 44                     | 53                       | 2                    | 0            |  | 0                      |                                  | 0.0                         | 0.00   | 29.82                      | 30.04                                    | 5.7                                       | 32                                       | 9.3                    | 27                 | 31 | 21    | 31 | 03 |            |
| 04                              | 70             | 48           | 59                                | -2                      | 52                     | 56                       | 6                    | 0            | RA BR  | 0                      |                                  | 0.0                         | 0.08   | 29.92                      | 30.07                                    | 10.4                                      | 10                                       | 10.9                   | 27                 | 10 | 21    | 09 | 04 |            |
| 05                              | 74             | 57           | 66                                | 5                       | 64                     | 65                       | 0                    | 1            | TS TSRA RA FG+ BR  | 0                      |                                  | 0.0                         | 1.66   | 29.37                      | 29.52                                    | 11.4                                      | 16                                       | 13.2                   | 48                 | 24 | 29    | 27 | 05 |            |
| 06                              | 64             | 48           | 56                                | -6                      | 47                     | 51                       | 9                    | 0            | RA   | 0                      |                                  | 0.0                         | T  | 29.30                      | 29.52                                    | 9.7                                       | 23                                       | 12.1                   | 28                 | 25 | 22    | 26 | 06 |            |
| 07                              | 66             | 47           | 57                                | -6                      | 42                     | 49                       | 8                    | 0            | RA   | 0                      |                                  | 0.0                         | 0.01   | 29.59                      | 29.81                                    | 7.4                                       | 29                                       | 8.9                    | 30                 | 25 | 22    | 25 | 07 |            |
| 08                              | 67             | 43           | 55                                | -8                      | 38                     | 47                       | 10                   | 0            | RA   | 0                      |                                  | 0.0                         | T  | 29.78                      | 29.97                                    | 3.3                                       | 32                                       | 5.5                    | 23                 | 32 | 16    | 31 | 08 |            |
| 09                              | 71             | 42*          | 57                                | -6                      | 40                     | 49                       | 8                    | 0            |  | 0                      |                                  | 0.0                         | 0.00   | 29.80                      | 29.99                                    | 1.4                                       | 30                                       | 6.2                    | 21                 | 26 | 15    | 22 | 09 |            |
| 10                              | 78             | 47           | 63                                | -1                      | 50                     | 56                       | 2                    | 0            | TS TSRA RA   | 0                      |                                  | 0.0                         | 0.05   | 29.79                      | 29.98                                    | 2.0                                       | 10                                       | 2.8                    | 17                 | 09 | 14    | 11 | 10 |            |
| 11                              | 61             | 52           | 57                                | -7                      | 56                     | 56                       | 8                    | 0            | TS RA DZ BR  | 0                      |                                  | 0.0                         | 0.25   | 29.72                      | 29.90                                    | 7.4                                       | 08                                       | 8.1                    | 27                 | 25 | 20    | 20 | 11 |            |
| 12                              | 54             | 50           | 52*                               | -12                     | 51                     | 51                       | 13                   | 0            | RA DZ BR   | 0                      |                                  | 0.0                         | 1.41   | 29.79                      | 29.97                                    | 6.6                                       | 04                                       | 7.5                    | 24                 | 12 | 13    | 07 | 12 |            |
| 13                              | 65             | 47           | 56                                | -8                      | 50                     | 52                       | 9                    | 0            | RA BR  | 0                      |                                  | 0.0                         | 0.24   | 29.62                      | 29.82                                    | 8.5                                       | 34                                       | 9.1                    | 23                 | 35 | 18    | 36 | 13 |            |
| 14                              | 83             | 46           | 65                                | 0                       | 51                     | 58                       | 0                    | 0            |  | 0                      |                                  | 0.0                         | 0.00   | 29.61                      | 29.79                                    | 7.9                                       | 26                                       | 9.0                    | 34                 | 35 | 25    | 27 | 14 |            |
| 15                              | 80             | 52           | 66                                | 1                       | 39                     | 53                       | 0                    | 1            |  | 0                      |                                  | 0.0                         | 0.00   | 29.72                      | 29.94                                    | 8.4                                       | 34                                       | 9.2                    | 27                 | 34 | 20    | 33 | 15 |            |
| 16                              | 82             | 47           | 65                                | 0                       | 50                     | 58                       | 0                    | 0            |  | 0                      |                                  | 0.0                         | 0.00   | 29.88                      | 30.07                                    | 2.3                                       | 20                                       | 3.1                    | 15                 | 23 | 12    | 23 | 16 |            |
| 17                              | 93*            | 61           | 77                                | 12                      | 63                     | 68                       | 0                    | 12           |  | 0                      |                                  | 0.0                         | 0.00   | 29.85                      | 30.04                                    | 8.4                                       | 22                                       | 8.7                    | 23                 | 21 | 20    | 23 | 17 |            |
| 18                              | 88             | 67           | 78                                | 12                      | 64                     | 69                       | 0                    | 13           |  | 0                      |                                  | 0.0                         | 0.00   | 29.85                      | 30.04                                    | 11.4                                      | 22                                       | 11.7                   | 25                 | 20 | 20    | 21 | 18 |            |
| 19                              | 91             | 68           | 80*                               | 14                      | 67                     | 71                       | 0                    | 15           | RA   | 0                      |                                  | 0.0                         | T  | 29.83                      | 30.01                                    | 8.2                                       | 23                                       | 9.2                    | 27                 | 24 | 22    | 24 | 19 |            |
| 20                              | 79             | 58           | 69                                | 3                       | 61                     | 65                       | 0                    | 4            |  | 0                      |                                  | 0.0                         | 0.00   | 29.93                      | 30.15                                    | 5.7                                       | 06                                       | 8.7                    | 21                 | 05 | 17    | 04 | 20 |            |
| 21                              | 71             | 55           | 63                                | -4                      | 54                     | 58                       | 2                    | 0            |  | 0                      |                                  | 0.0                         | 0.00   | 30.07                      | 30.25                                    | 5.5                                       | 09                                       | 6.7                    | 18                 | 08 | 14    | 12 | 21 |            |
| 22                              | 72             | 60           | 66                                | -1                      | 63                     | 64                       | 0                    | 1            | RA BR  | 0                      |                                  | 0.0                         | 0.16   | 29.85                      | 30.03                                    | 2.1                                       | 03                                       | 2.8                    | 10                 | 36 | 8     | 03 | 22 |            |
| 23                              | 66             | 59           | 63                                | -5                      | 62                     | 62                       | 2                    | 0            | RA BR  | 0                      |                                  | 0.0                         | 0.47   | 29.69                      | 29.85                                    | 7.2                                       | 05                                       | 7.9                    | 19                 | 07 | 15    | 07 | 23 |            |
| 24                              | 65             | 57           | 61                                | -8                      | 59                     | 60                       | 4                    | 0            | RA DZ BR   | 0                      |                                  | 0.0                         | 0.45   | 29.52                      | 29.70                                    | 7.6                                       | 08                                       | 9.1                    | 25                 | 10 | 17    | 09 | 24 |            |
| 25                              | 77             | 58           | 68                                | -1                      | 59                     | 61                       | 0                    | 3            | TS TSRA RA BR  | 0                      |                                  | 0.0                         | 0.22   | 29.34                      | 29.53                                    | 9.2                                       | 22                                       | 12.1                   | 42                 | 25 | 32    | 26 | 25 |            |
| 26                              | 81             | 59           | 70                                | 1                       | 55                     | 61                       | 0                    | 5            |  | 0                      |                                  | 0.0                         | 0.00   | 29.59                      | 29.81                                    | 10.5                                      | 26                                       | 11.2                   | 28                 | 26 | 22    | 27 | 26 |            |
| 27                              | 86             | 56           | 71                                | 2                       | 62                     | 65                       | 0                    | 6            | TS TSRA GR RA GS FG BR   | 0                      |                                  | T                           | 1.59   | 29.70                      | 29.89                                    | 3.8                                       | 17                                       | 5.0                    | 51*                | 15 | 32*   | 14 | 27 |            |
| 28                              | 78             | 65           | 72                                | 3                       | 67                     | 68                       | 0                    | 7            | RA FG+ FG BR   | 0                      |                                  | 0.0                         | 0.63   | 29.67                      | 29.84                                    | 3.5                                       | 06                                       | 4.0                    | 13                 | 04 | 12    | 04 | 28 |            |
| 29                              | 89             | 68           | 79                                | 9                       | 66                     | 70                       | 0                    | 14           | BR   | 0                      |                                  | 0.0                         | 0.00   | 29.70                      | 29.92                                    | 2.7                                       | 25                                       | 6.9                    | 20                 | 12 | 17    | 12 | 29 |            |
| 30                              | 82             | 67           | 75                                | 5                       | 68                     | 70                       | 0                    | 10           | DZ BR HZ   | 0                      |                                  | 0.0                         | T  | 29.85                      | 30.03                                    | 4.7                                       | 13                                       | 5.9                    | 20                 | 13 | 16    | 13 | 30 |            |
| 31                              | 86             | 66           | 76                                | 6                       | 64                     | 68                       | 0                    | 11           | FG BR HZ   | 0                      |                                  | 0.0                         | 0.00   | 29.83                      | 30.02                                    | 1.3                                       | 27                                       | 4.7                    | 16                 | 24 | 12    | 31 | 31 |            |
| 76.0                            |                | 55.8         | 65.9                              | ☼                       | 55.6                   | 60.1                     | 2.7                  | 3.8          | < MONTHLY AVERAGES   TOTALS >                                  |                        |                                  | T                           | 7.57   | 29.72                      | 29.91                                    | 1.6                                       | 22                                       | 8.4                    | < MONTHLY AVERAGES |    |       |    |    |            |
| -1.9                            | 0.8            | -0.5         | <-----DEPARTURE FROM NORMAL-----> |                         |                        |                          |                      |              |  |                        |                                  | 3.79                        | SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3 |                            |  |   |  |                        |                    |    |       |    |    |            |
| <b>DEGREE DAYS</b>              |                |              |                                   |                         |                        |                          |                      |              | <b>GREATEST 24-HR PRECIPITATION :</b> 1.76 <b>DATE :</b> 27-28 |                        |                                  |                             | <b>SEA LEVEL PRESSURE</b>                      |                            |  |   | <b>DATE</b>                              |                        | <b>TIME</b>        |    |       |    |    |            |
| <b>MONTHLY</b>                  |                |              |                                   |                         |                        |                          |                      |              | <b>GREATEST 24-HR SNOWFALL :</b> T <b>DATE :</b> 27            |                        |                                  |                             | <b>MAXIMUM :</b> 30.32                         |                            |  |   | 21                                       |                        | 0818               |    |       |    |    |            |
| <b>TOTAL DEPARTURE</b>          |                |              |                                   |                         |                        |                          |                      |              | <b>GREATEST SNOW DEPTH :</b> 0 <b>DATE :</b>                   |                        |                                  |                             | <b>MINIMUM :</b> 29.39                         |                            |  |   | 05                                       |                        | 1854               |    |       |    |    |            |
| <b>SEASON TO DATE</b>           |                |              |                                   |                         |                        |                          |                      |              | <b>NUMBER OF -&gt; DAYS WITH</b>                               |                        |                                  |                             | <b>MAXIMUM TEMP &gt;= 90 :</b> 2               |                            | <b>MINIMUM TEMP &lt;= 32 :</b> 0         |   | <b>PRECIPITATION &gt;= 0.01 INCH:</b> 15 |                        |                    |    |       |    |    |            |
| <b>HEATING :</b> 83 9 3169 -597 |                |              |                                   |                         |                        |                          |                      |              | <b>THUNDERSTORMS :</b> 6                                       |                        | <b>MAXIMUM TEMP &lt;= 32 :</b> 0 |                             | <b>MINIMUM TEMP &lt;= 0 :</b> 0                |                            | <b>PRECIPITATION &gt;= 0.10 INCH:</b> 11 |   |  |                        |                    |    |       |    |    |            |
| <b>COOLING :</b> 118 -1 223 62  |                |              |                                   |                         |                        |                          |                      |              |  |                        |                                  |                             | <b>HEAVY FOG :</b> 2                           |                            | <b>SNOWFALL &gt;= 1.0 INCH :</b> 0       |   |  |                        |                    |    |       |    |    |            |

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RICHMOND, VA (KRIC)  
MAY 2017

WBAN # 13740

| Date | FOR HOUR (LST) ENDING AT |      |      |      |      |      |      |      |   |      |      |      | Date | FOR HOUR (LST) ENDING AT |      |      |      |      |      |      |      |      |      |      |      | Date | Sum of Hourly Data | 2400 LST Water Equiv. |
|------|--------------------------|------|------|------|------|------|------|------|---|------|------|------|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|-----------------------|
|      | 1                        | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9 | 10   | 11   | 12   |      | 13                       | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   |      |                    |                       |
| 01   |                          |      |      |      |      |      |      |      |   |      |      |      | 01   |                          |      |      |      |      |      |      |      |      |      |      | 01   | 0.34 | 0.34               |                       |
| 02   | 0.01                     | T    |      |      |      |      |      |      |   |      |      |      | 02   |                          |      |      |      |      |      |      |      |      |      |      | 02   | 0.01 | 0.01               |                       |
| 03   |                          |      |      |      |      |      |      |      |   |      |      |      | 03   |                          |      |      |      |      |      |      |      |      |      |      | 03   | 0.00 | 0.00               |                       |
| 04   |                          |      |      |      |      |      |      |      |   |      |      |      | 04   |                          |      |      |      | 0.01 | 0.04 | 0.03 | T    | T    |      |      | 04   | 0.08 | 0.08               |                       |
| 05   |                          | T    | 0.09 | 0.08 | 0.02 | 0.01 | 1.02 | 0.07 |   |      |      | 0.01 | 05   |                          | T    |      |      |      |      | 0.36 |      |      |      | 05   | 1.66 | 1.66 |                    |                       |
| 06   |                          |      |      |      |      |      |      |      |   |      |      |      | 06   |                          |      |      | T    | T    | T    | T    |      |      |      | 06   | T    | T    |                    |                       |
| 07   |                          |      |      |      |      |      |      |      |   |      |      |      | 07   |                          |      | 0.01 | T    | T    | T    |      |      |      |      | 07   | 0.01 | 0.01 |                    |                       |
| 08   |                          |      |      |      |      |      |      |      |   |      |      |      | 08   |                          |      | T    |      |      |      |      |      |      |      | 08   | T    | T    |                    |                       |
| 09   |                          |      |      |      |      |      |      |      |   |      |      |      | 09   |                          |      |      |      |      |      |      |      |      |      | 09   | 0.00 | 0.00 |                    |                       |
| 10   |                          |      |      |      |      |      |      |      |   |      |      |      | 10   |                          |      |      |      |      |      |      |      |      | 0.05 | 10   | 0.05 | 0.05 |                    |                       |
| 11   | 0.04                     |      |      |      |      |      |      |      |   |      |      |      | 11   |                          |      | T    | T    | 0.01 | T    | T    | T    | 0.05 | T    | T    | 11   | 0.25 | 0.25               |                       |
| 12   | T                        | T    |      | T    | T    | 0.03 | 0.04 | 0.03 |   | 0.03 | 0.06 | 0.06 | 12   | 0.11                     | 0.10 | 0.06 | 0.11 | 0.02 | 0.03 | 0.09 | 0.20 | 0.08 | 0.08 | 0.03 | 0.21 | 12   | 1.41               | 1.41                  |
| 13   | 0.19                     | T    | 0.01 | 0.01 | T    | T    | 0.03 | 0.03 |   | T    |      |      | 13   |                          |      |      |      |      |      |      |      |      |      |      | 13   | 0.24 | 0.24               |                       |
| 14   |                          |      |      |      |      |      |      |      |   |      |      |      | 14   |                          |      |      |      |      |      |      |      |      |      |      | 14   | 0.00 | 0.00               |                       |
| 15   |                          |      |      |      |      |      |      |      |   |      |      |      | 15   |                          |      |      |      |      |      |      |      |      |      |      | 15   | 0.00 | 0.00               |                       |
| 16   |                          |      |      |      |      |      |      |      |   |      |      |      | 16   |                          |      |      |      |      |      |      |      |      |      |      | 16   | 0.00 | 0.00               |                       |
| 17   |                          |      |      |      |      |      |      |      |   |      |      |      | 17   |                          |      |      |      |      |      |      |      |      |      |      | 17   | 0.00 | 0.00               |                       |
| 18   |                          |      |      |      |      |      |      |      |   |      |      |      | 18   |                          |      |      |      |      |      |      |      |      |      |      | 18   | 0.00 | 0.00               |                       |
| 19   |                          |      |      |      |      |      |      |      |   |      |      |      | 19   |                          |      | T    |      |      |      |      |      |      |      |      | 19   | T    | T                  |                       |
| 20   |                          |      |      |      |      |      |      |      |   |      |      |      | 20   |                          |      |      |      |      |      |      |      |      |      |      | 20   | 0.00 | 0.00               |                       |
| 21   |                          |      |      |      |      |      |      |      |   |      |      |      | 21   |                          |      |      |      |      |      |      |      |      |      |      | 21   | 0.00 | 0.00               |                       |
| 22   | T                        | T    | T    |      | T    | T    | 0.02 | 0.01 |   | T    | T    | T    | 0.05 | 22                       | 0.06 | 0.02 |      |      |      |      |      |      |      |      | 22   | 0.16 | 0.16               |                       |
| 23   |                          |      |      |      |      |      | 0.02 | 0.05 |   | T    | 0.03 | T    | 23   |                          |      |      | 0.04 | 0.06 | 0.09 | 0.11 | 0.04 | 0.03 | T    |      | 23   | 0.47 | 0.47               |                       |
| 24   | T                        | 0.02 | 0.06 | 0.02 | 0.01 | T    |      |      |   |      |      |      | 24   |                          |      | T    | T    |      |      |      | 0.03 | 0.13 | 0.09 | 0.02 | 0.07 | 24   | 0.45               | 0.45                  |
| 25   | 0.06                     | 0.03 | 0.02 | T    | 0.04 | T    |      |      |   |      |      |      | 25   |                          | 0.01 | 0.06 |      |      |      |      |      |      |      |      | 25   | 0.22 | 0.22               |                       |
| 26   |                          |      |      |      |      |      |      |      |   |      |      |      | 26   |                          |      |      |      |      |      |      |      |      |      |      | 26   | 0.00 | 0.00               |                       |
| 27   |                          |      |      |      |      |      |      |      |   |      |      |      | 27   |                          |      |      |      |      | 0.35 | 1.24 | T    |      |      |      | 27   | 1.59 | 1.59               |                       |
| 28   |                          |      |      |      |      |      |      | 0.03 |   | T    | T    | 0.02 | 0.12 | 28                       | T    |      |      |      |      |      |      |      |      | 0.40 | 0.06 | 28   | 0.63               | 0.63                  |
| 29   |                          |      |      |      |      |      |      |      |   |      |      |      | 29   |                          |      |      |      |      |      |      |      |      |      |      | 29   | 0.00 | 0.00               |                       |
| 30   |                          |      |      |      |      |      |      | T    |   | T    | T    | T    | 30   |                          |      |      |      |      |      |      |      |      |      |      | 30   | T    | T                  |                       |
| 31   |                          |      |      |      |      |      |      |      |   |      |      |      | 31   |                          |      |      |      |      |      |      |      |      |      |      | 31   | 0.00 | 0.00               |                       |

\* Indicates sum of Hourly and Daily disagree.

### MAXIMUM SHORT DURATION PRECIPITATION (See Note)

| Time Period (Minutes)  | 5    | 10   | 15   | 20   | 30   | 45   | 60   | 80   | 100  | 120  | 150  | 180  |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Precipitation (Inches) | 0.55 | 0.90 | 1.07 | 1.15 | 1.23 | 1.24 | 1.24 | 1.31 | 1.55 | 1.59 | 1.59 | 1.59 |
| Ending Date            | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   | 27   |
| Ending Time (Hr/Min)   | 1841 | 1842 | 1845 | 1849 | 1856 | 1858 | 1858 | 1847 | 1853 | 1858 | 1858 | 1858 |

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

Date and time are not entered for TRACE amounts.

# REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

\* = Extreme for the month (last occurrence if more than one).

T = Trace precipitation amount.

+ = also occurs on earlier date.

FG+ = Heavy fog, visibility .25 miles or less.

BLANK entries denote missing or unreported data.

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

## WEATHER NOTATIONS

| QUALIFIER          | WEATHER PHENOMENA                 |                    |                                    |
|--------------------|-----------------------------------|--------------------|------------------------------------|
| DESCRIPTOR         | PRECIPITATION                     | OBSCURATION        | OTHER                              |
| BC Patches         | DZ Drizzle                        | BR Mist            | DS Duststorm                       |
| BL Blowing         | GR Hail                           | DU Widespread Dust | FC Funnel Cloud                    |
| DR Low Drifting    | GS Small Hail and/or Snow Pellets | FG Fog             | +FC Tornado Waterspout             |
| FZ Freezing        | IC Ice Crystals                   | FU Smoke           | PO Well-Developed Dust/Sand Whirls |
| MI Shallow         | PL Ice Pellets                    | HZ Haze            |                                    |
| PR Partial         | RA Rain                           | PY Spray           | SQ Squalls                         |
| SH Shower(s)       | SG Snow Grains                    | SA Sand            | SS Sandstorm                       |
| TS Thunderstorm    | SN Snow                           | VA Volcanic Ash    |                                    |
| VC In the Vicinity | UP Unkown Precipitation           |                    | GL Glaze                           |

Intensity (as indicated on pages 4 to 6):  
'+' = Heavy    '' = Moderate    '-' = Light

# RICHMOND, VA MAY 2017

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet.

Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

NORMALS ARE FOR THE YEARS 1981-2010

ADDITIONAL NOTES & ERRATA:

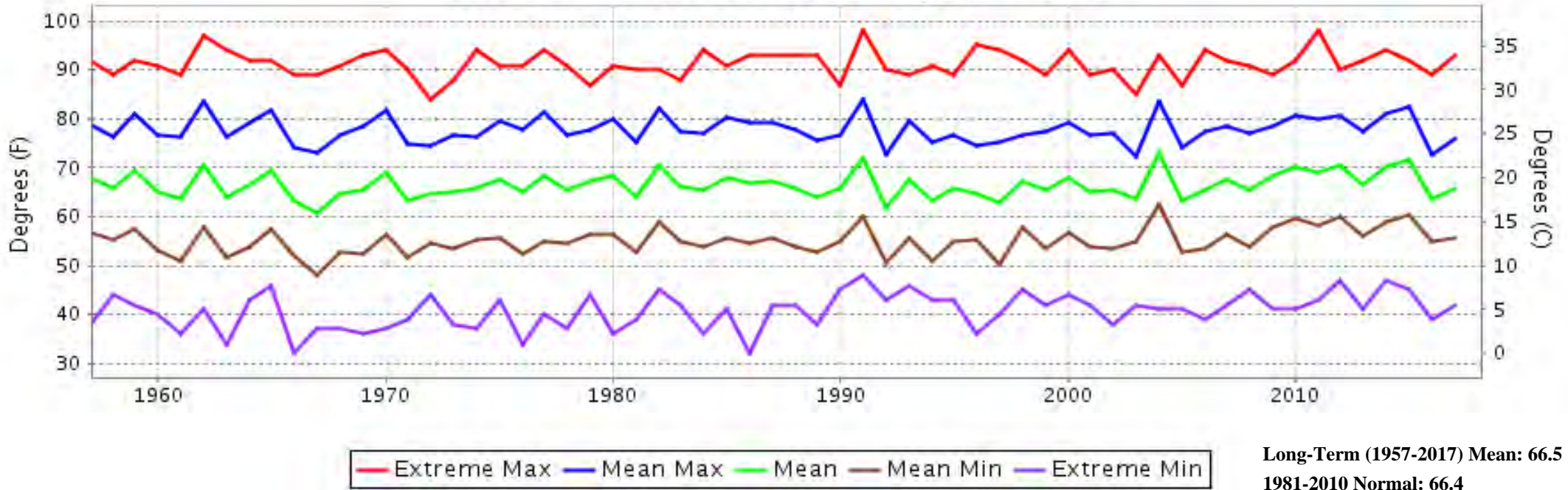
| Date                              | VISIBILITY (MILES) |         |
|-----------------------------------|--------------------|---------|
|                                   | MINIMUM            | MAXIMUM |
| 01                                | 6.00               | 10.00   |
| 02                                | 10.00              | 10.00   |
| 03                                | 10.00              | 10.00   |
| 04                                | 4.00               | 10.00   |
| 05                                | 1.25               | 10.00   |
| 06                                | 10.00              | 10.00   |
| 07                                | 10.00              | 10.00   |
| 08                                | 10.00              | 10.00   |
| 09                                | 10.00              | 10.00   |
| 10                                | 5.00               | 10.00   |
| 11                                | 0.75               | 10.00   |
| 12                                | 1.00               | 10.00   |
| 13                                | 4.00               | 10.00   |
| 14                                | 10.00              | 10.00   |
| 15                                | 10.00              | 10.00   |
| 16                                | 9.00               | 10.00   |
| 17                                | 8.00               | 10.00   |
| 18                                | 10.00              | 10.00   |
| 19                                | 10.00              | 10.00   |
| 20                                | 10.00              | 10.00   |
| 21                                | 10.00              | 10.00   |
| 22                                | 1.00               | 10.00   |
| 23                                | 1.75               | 10.00   |
| 24                                | 2.00               | 10.00   |
| 25                                | 5.00               | 10.00   |
| 26                                | 10.00              | 10.00   |
| 27                                | 2.50               | 10.00   |
| 28                                | 0.12               | 10.00   |
| 29                                | 2.00               | 10.00   |
| 30                                | 1.00               | 10.00   |
| 31                                | 0.50               | 10.00   |
| <b>AVGS</b>                       | 5.96               | 10.00   |
| <b>MINIMUM VISIBILITY (MILES)</b> |                    |         |
| <= .25                            | <= 3.0             | >= 7.0  |
| 1                                 | 11                 | 15      |



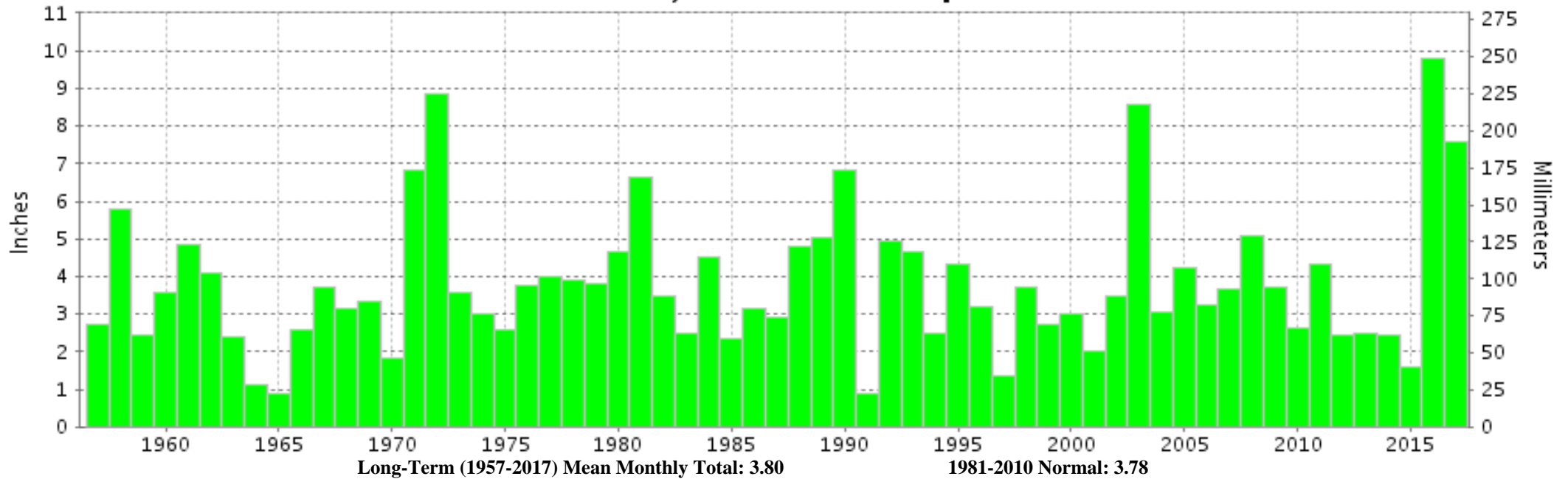




## RICHMOND, VA MAY Temperatures



## RICHMOND, VA MAY Precipitation





MAY 2017  
RICHMOND, VA

# LOCAL CLIMATOLOGICAL DATA

## NOAA, National Centers for Environmental Information

*I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA-National Weather Service / Department Of Transportation-Federal Aviation Administration and received at the National Centers for Environmental Information (NCEI), Asheville, North Carolina 28801.*

A handwritten signature in black ink that reads "Margarita Jee SS".

**DIRECTOR (ACTING)**

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