MONTHLY CLIMATOLOGICAL SUMMARY for JAN. 2016
NAME: CMREC Clarksville   CITY: Ellicott City   STATE: Maryland
ELEV:   318 ft  LAT:  39° 00' 00" N  LONG:  76° 00' 00" W

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- Max >=  90.0:  0
- Max <=  32.0:  8
- Min <=  32.0: 27
- Min <=   0.0:  0
- Max Rain: 0.74 ON 01/10/16
- Days of Rain: 8 (> .01 in) 4 (> .1 in) 0 (>1 in)
- Heat Base:  65.0  Cool Base:  65.0  Method: Integration
### MONTHLY CLIMATOLOGICAL SUMMARY for FEB. 2016

**NAME:** CMREC Clarksville  **CITY:** Ellicott City  **STATE:** Maryland  
**ELEV:** 318 ft  **LAT:** 39° 00' 00" N  **LONG:** 76° 00' 00" W  

#### TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

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Max = 90.0; Min = 19.1; Heat Base = 65.0; Cool Base = 65.0; Method: Integration
# MONTHLY CLIMATOLOGICAL SUMMARY for APR. 2016

**NAME:** CMREC Clarksville  
**CITY:** Ellicott City  
**STATE:** Maryland  
**ELEV:** 318 ft  
**LAT:** 39° 00' 00" N  
**LONG:** 76° 00' 00" W

- **TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)**

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Min <= 0.0: 0  
Max Rain: 1.07 ON 04/07/16  
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Max Rain: 1.39 ON 05/29/16

Days of Rain: 16 (>0.01 in) 13 (>1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration
### MONTHLY CLIMATOLOGICAL SUMMARY for JUN. 2016

**NAME:** CMREC Clarksville  **CITY:** Ellicott City  **STATE:** Maryland  
**ELEV:** 318 ft  **LAT:** 39° 00' 00" N  **LONG:** 76° 00' 00" W

#### TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

| DAY | TEMP | HI GH | TIME | LOW | TIME | HEAT DEG | COOL DEG | AVG WIND | SPEED | HIGH | TIME | DIR  |
|-----|------|------|------|-----|------|---------|----------|----------|--------|------|------|------|------|
|    |      |      |      |     |      |         |          |          |        |      |      |      |      |
| 1  | 73.3 | 86.5 | 3:00p| 58.7| 6:00a| 1.4     | 9.6      | 0.00     | 0.9    | 13.0 | 6:00p| E    |
| 2  | 69.6 | 79.4 | 3:30p| 60.7| 4:00a| 0.6     | 5.2      | 0.00     | 0.6    | 12.0 | 2:30p| E    |
| 3  | 70.3 | 74.2 | 3:30p| 67.4| 12:00m| 0.0    | 5.3      | 0.10     | 0.3    | 6.0  | 11:00a| ESE  |
| 4  | 73.4 | 81.2 | 5:00p| 66.4| 1:00a| 0.0     | 8.4      | 0.00     | 0.5    | 9.0  | 3:30p| ESE  |
| 5  | 72.2 | 83.2 | 3:00p| 64.5| 12:00m| 0.0    | 7.3      | 0.46     | 1.3    | 25.0 | 4:30p| SSW  |
| 6  | 73.6 | 84.0 | 3:30p| 64.3| 12:30a| 0.0    | 8.6      | 0.01     | 2.0    | 17.0 | 12:30p| SSW  |
| 7  | 71.0 | 82.4 | 2:00p| 61.6| 5:00a| 0.4     | 6.3      | 0.02     | 2.4    | 22.0 | 3:30p| WSW  |
| 8  | 61.8 | 69.3 | 10:00a| 48.8| 12:00m| 3.8    | 0.6      | 0.00     | 4.9    | 34.0 | 11:00a| W    |
| 9  | 62.1 | 77.9 | 5:00p| 43.5| 5:30a| 6.9     | 4.0      | 0.00     | 2.9    | 20.0 | 11:30a| W    |
| 10 | 66.5 | 79.8 | 7:00p| 48.3| 6:30a| 3.1    | 4.6      | 0.00     | 1.8    | 16.0 | 3:30p| WNW  |
| 11 | 75.3 | 92.1 | 4:30p| 54.8| 6:00a| 2.5    | 12.8     | 0.00     | 2.5    | 15.0 | 9:00a| WNW  |
| 12 | 68.9 | 78.8 | 6:00p| 55.4| 12:00m| 1.0    | 4.9      | 0.00     | 1.4    | 14.0 | 7:30a| WSW  |
| 13 | 66.8 | 80.1 | 5:30p| 52.8| 2:30a| 3.3    | 5.1      | 0.19     | 0.6    | 10.0 | 3:30p| ESE  |
| 14 | 70.7 | 80.1 | 2:30p| 64.2| 12:00m| 0.0    | 5.7      | 0.79     | 1.1    | 16.0 | 10:30p| E    |
| 15 | 70.0 | 81.4 | 7:30p| 60.4| 5:00a| 1.1    | 6.2      | 0.01     | 1.2    | 12.0 | 11:30a| ENE  |
| 16 | 71.2 | 85.1 | 6:00p| 56.6| 5:30a| 1.5    | 7.8      | 0.00     | 0.4    | 11.0 | 2:30p| ESE  |
| 17 | 71.9 | 86.7 | 3:30p| 55.4| 6:00a| 2.3    | 9.2      | 0.00     | 1.4    | 14.0 | 11:30a| WSW  |
| 18 | 74.4 | 88.6 | 4:00p| 56.5| 6:00a| 1.6    | 11.1     | 0.00     | 1.2    | 11.0 | 2:30p| WSW  |
| 19 | 74.1 | 87.0 | 12:30p| 65.5| 2:30p| 0.0    | 9.1      | 1.70     | 1.7    | 46.0 | 1:30p| SSW  |
| 20 | 71.9 | 80.9 | 5:00p| 61.2| 4:30a| 0.4    | 7.3      | 0.00     | 2.3    | 17.0 | 10:30a| WSW  |
| 21 | 71.2 | 80.5 | 4:30p| 61.2| 3:00a| 0.7    | 6.9      | 0.23     | 1.0    | 10.0 | 1:00p| SW   |
| 22 | 71.6 | 80.3 | 3:30p| 66.9| 12:00m| 0.0    | 6.6      | 1.01     | 0.8    | 13.0 | 6:00p| WNW  |
| 23 | 72.6 | 81.4 | 4:30p| 62.6| 12:00m| 0.1    | 7.7      | 0.00     | 0.8    | 11.0 | 3:00p| E    |
| 24 | 70.9 | 84.0 | 2:30p| 56.9| 5:30a| 2.0    | 7.9      | 0.00     | 0.6    | 9.0  | 4:00p| ESE  |
| 25 | 72.5 | 85.1 | 2:00p| 58.0| 12:00m| 0.1    | 9.2      | 0.00     | 0.8    | 12.0 | 12:00p| S    |
| 26 | 73.8 | 84.9 | 4:30p| 66.6| 12:00m| 0.0    | 8.8      | 1.26     | 0.8    | 26.0 | 6:00p| ESE  |
| 27 | 70.3 | 78.5 | 3:30p| 60.4| 12:00m| 0.6    | 5.9      | 0.00     | 2.0    | 17.0 | 12:00p| W    |
| 28 | 70.2 | 82.8 | 3:00p| 55.1| 5:30a| 2.3    | 7.5      | 0.00     | 0.6    | 11.0 | 2:30p| ESE  |

**Max Rain:** 1.70 ON 06/21/16  
**Days of Rain:** 9 (>.01 in) 7 (>1 in) 3 (>1 in)  
**Heat Base:** 65.0  **Cool Base:** 65.0  **Method:** Integration
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Max >= 90.0: 12
Max <= 32.0: 0
Min <= 32.0: 0
Min <= 0.0: 0
Max Rain: 3.96 ON 07/30/16
Days of Rain: 6 (> .01 in) 5 (> .1 in) 1 (> 1 in)
Heat Base: 65.0 Cool Base: 65.0 Method: Integration
MONTHLY CLIMATOLOGICAL SUMMARY for AUG. 2016

NAME: CMREC Clarksville   CITY: Ellicott City   STATE: Maryland
ELEV:   318 ft  LAT:  39° 00' 00" N  LONG:  76° 00' 00" W

TEMPERATURE (°F), RAIN  (in), WIND SPEED (mph)

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<th>TIME</th>
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Heat Base:  65.0  Cool Base:  65.0  Method: Integration

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Max >= 90.0: 3
Max <= 32.0: 0
Min <= 32.0: 0
Min <= 0.0: 0
Max Rain: 1.23 ON 09/29/16
Days of Rain: 7 (> .01 in) 5 (> .1 in) 1 (>1 in)
Heat Base: 65.0 Cool Base: 65.0 Method: Integration
# MONTHLY CLIMATOLOGICAL SUMMARY for OCT. 2016

**NAME:** CMREC Clarksville  
**CITY:** Ellicott City  
**STATE:** Maryland  
**ELEV:** 318 ft  
**LAT:** 39° 00' 00" N  
**LONG:** 76° 00' 00" W

**TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)**

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Max >= 90.0: 0  
Max <= 32.0: 0  
Min <= 32.0: 1  
Min <= 0.0: 0  
Max Rain: 0.25 ON 10/21/16  
Days of Rain: 4 (> .01 in) 2 (>.1 in) 0 (>1 in)  
Heat Base: 65.0 Cool Base: 65.0 Method: Integration
MONTHLY CLIMATOLOGICAL SUMMARY for NOV. 2016

NAME: CMREC Clarksville   CITY: Ellicott City   STATE: Maryland
ELEV: 318 ft  LAT:  39° 00' 00" N  LONG:  76° 00' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

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- 44.8  78.6  2  17.8  23  612.4  6.8  1.77  1.8  39.0  19  WSW

Max >=  90.0:  0
Max <=  32.0:  0
Min <=  32.0: 18
Min <=   0.0:  0
Max Rain: 0.76 ON 11/30/16
Days of Rain: 5 (> .01 in) 3 (> .1 in) 0 (>1 in)
Heat Base:  65.0  Cool Base:  65.0  Method: Integration
MONTHLY CLIMATOLOGICAL SUMMARY for DEC. 2016

NAME: CMREC Clarksville   CITY: Ellicott City   STATE: Maryland
ELEV: 318 ft  LAT: 39° 00' 00" N  LONG: 76° 00' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

| DAY  | TEMP | HGH | TIME | LOW | TIME | MEAN | HEAT DEG | COOL DEG | AVG WIND | SPEED | HIGH | TIME | DIR |
|------|------|-----|------|-----|------|------|--------|----------|----------|---------|------|-----|-----|-----|
| 1    | 49.3 | 59.0| 12:30 | 43.2| 12:00 | 15.7 | 0.0    | 0.07     | 2.35     | 2.2     | 35.0 | 15  | WSW |
| 2    | 42.8 | 47.6| 1:30  | 39.1| 3:00  | 20.0 | 0.0    | 0.08     | 1.7      | 1.0     | 10   | 0.1 | 0.0 |
| 3    | 42.0 | 47.0| 11:30 | 39.1| 7:30  | 23.0 | 0.0    | 0.08     | 1.7      | 1.0     | 10   | 0.1 | 0.0 |
| 4    | 39.4 | 44.6| 3:00  | 33.8| 8:00  | 25.6 | 0.0    | 0.10     | 0.8      | 1.1     | 0.0  | 0.0 |
| 5    | 41.6 | 52.0| 2:00  | 35.2| 11:30 | 23.4 | 0.0    | 0.19     | 1.2      | 1.4     | 12   | 0.1 | 0.0 |
| 6    | 38.6 | 41.5| 10:00 | 33.4| 4:00  | 26.4 | 0.0    | 0.77     | 1.0      | 10.0    | 5    | 0.0 | 0.0 |
| 7    | 38.9 | 48.0| 2:00  | 27.2| 12:00 | 25.8 | 0.0    | 0.01     | 1.7      | 16.0    | 12   | 0.0 | 0.0 |
| 8    | 35.1 | 45.7| 1:30  | 26.4| 1:30  | 29.9 | 0.0    | 0.0     | 3.3      | 2.3     | 9    | 0   | 0   |
| 9    | 30.4 | 37.2| 2:00  | 25.7| 12:00 | 34.7 | 0.0    | 0.0     | 5.5      | 23.0    | 1    | 0   | 0   |
| 10   | 28.1 | 34.6| 12:30 | 20.0| 11:30 | 36.9 | 0.0    | 2.5      | 20.0     | 1      | 0   | 0   |
| 11   | 30.1 | 36.9| 12:00 | 20.8| 12:30 | 34.9 | 0.0    | 0.0     | 5.0      | 10.0    | 12   | 0   | 0   |
| 12   | 41.9 | 51.1| 3:00  | 32.4| 12:00 | 23.1 | 0.0    | 0.0     | 1.0      | 22.0    | 3    | 0   | 0   |
| 13   | 36.3 | 43.5| 3:00  | 28.7| 5:30  | 28.7 | 0.0    | 0.0     | 0.0      | 9.0     | 12   | 0   | 0   |
| 14   | 33.3 | 42.8| 1:30  | 24.1| 8:00  | 31.7 | 0.0    | 0.0     | 1.4      | 21.0    | 1    | 0   | 0   |
| 15   | 21.7 | 34.9| 12:30 | 12.8| 12:00 | 43.3 | 0.0    | 0.0     | 7.3      | 35.0    | 1    | 0   | 0   |
| 16   | 19.9 | 25.4| 12:00 | 12.4| 2:30  | 45.1 | 0.0    | 1.5      | 13.0     | 7     | 3    | 0   | 0   |
| 17   | 30.2 | 33.4| 2:30  | 25.4| 12:30 | 34.8 | 0.0    | 0.2      | 0.6      | 9.0     | 4    | 0   | 0   |
| 18   | 45.1 | 60.9| 11:00 | 30.6| 12:00 | 19.9 | 0.0    | 0.27     | 3.5      | 28.0    | 1    | 0   | 0   |
| 19   | 28.4 | 33.2| 2:00  | 23.5| 12:00 | 36.6 | 0.0    | 0.0     | 1.1      | 11.0    | 12   | 0   | 0   |
| 20   | 23.8 | 36.5| 2:30  | 14.3| 7:30  | 41.2 | 0.0    | 0.0      | 0.1      | 6.0     | 12   | 3   | 0   |
| 21   | 29.9 | 45.8| 1:30  | 18.9| 5:30  | 35.1 | 0.0    | 0.0      | 0.6      | 13.0    | 12   | 0   | 0   |
| 22   | 39.7 | 53.8| 1:30  | 22.7| 12:30 | 24.8 | 0.0    | 0.0      | 2.7      | 25.0    | 12   | 0   | 0   |
| 23   | 34.3 | 46.0| 2:00  | 20.5| 5:30  | 30.7 | 0.0    | 0.0      | 0.6      | 11.0    | 11   | 0   | 0   |
| 24   | 39.7 | 45.7| 3:00  | 35.6| 9:00  | 25.3 | 0.0    | 0.47     | 0.3      | 14.0    | 12   | 0   | 0   |
| 25   | 34.7 | 48.5| 3:00  | 24.4| 12:00 | 30.3 | 0.0    | 0.0      | 0.0      | 5.2     | 12   | 0   | 0   |
| 26   | 38.0 | 47.6| 12:00 | 24.1| 1:30  | 27.0 | 0.0    | 0.0      | 0.5      | 16.0    | 11   | 3   | 0   |
| 27   | 55.4 | 64.2| 1:30  | 44.1| 11:30 | 9.6  | 0.0    | 0.0      | 3.4      | 20.0    | 2    | 3   | 0   |
| 28   | 36.9 | 45.5| 12:30 | 24.4| 11:00 | 28.1 | 0.0    | 0.0      | 1.6      | 14.0    | 12   | 0   | 0   |
| 29   | 37.7 | 48.0| 4:00  | 25.6| 12:30 | 27.3 | 0.0    | 0.0      | 1.9      | 25.0    | 4    | 0   | 0   |
| 30   | 34.0 | 38.6| 3:00  | 23.2| 12:00 | 31.0 | 0.0    | 0.01     | 5.1      | 23.0    | 4    | 0   | 0   |
| 31   | 35.0 | 45.7| 2:30  | 18.1| 5:00  | 30.0 | 0.0    | 0.0      | 2.3      | 21.0    | 7    | 3   | 0   |

TOTALS:

- 35.9 64.2 27 12.4 16 901.8 0.0 2.43 2.2 35.0 15 WSW

Max >=  90.0: 0
Max <=  32.0: 1
Min <=  32.0: 22
Min <=   0.0: 0
Max Rain: 0.77 ON 12/06/16
Days of Rain: 9 (> .01 in) 7 (> .1 in) 0 (>1 in)
Heat Base: 65.0 Cool Base: 65.0 Method: Integration