

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

| UPPER MARLBORO | | | | | | PRINCE GEORGE MD | | | 7:00 AM | September 2015 | | EASTERN | | | | REMARKS | AVERAGE WIND SPEED MPH | SOLAR RADIATION | |
|----------------|---------------|-----------------|---------|-----------------|---------|----------------------------|------------------------|----------------------------|---------|----------------|--------------|-----------------|---------|-----------------|-----------------|---------|------------------------|-----------------|-----------------|
| DATE | TEMPERATURE F | | | | | RAIN, MELTED PRECIP INCHES | SNOW, ICE, HAIL INCHES | SNOW, ICE ON GROUND INCHES | EVAP | | WATER TEMP F | | | | time occurrence | | | watts per sq ft | time occurrence |
| | maximum | time occurrence | minimum | time occurrence | present | | | | INCHES | reading after | maximum | time occurrence | minimum | time occurrence | | | | | |
| 9 1 | 89 | 1553 | 67 | 513 | 71 | 0.00 | | | 1.34 | 1.74 | 89 | 1549 | 69 | 608 | | 0.52 | 1.89 | 1431 | |
| 9 2 | 94 | 1356 | 69 | 335 | 72 | 0.00 | | | 1.58 | | 98 | 1424 | 69 | 702 | | 0.52 | 2.00 | 1320 | |
| 9 3 | 93 | 1333 | 67 | 548 | 71 | 0.03 | | | 1.50 | | 94 | 1338 | 70 | 632 | | 0.52 | 1.99 | 1256 | |
| 9 4 | 94 | 1405 | 68 | 546 | 71 | 0.02 | | | 1.39 | 1.78 | 97 | 1418 | 71 | 702 | | 0.52 | 2.19 | 1252 | |
| 9 5 | 91 | 1241 | 71 | 702 | 72 | 0.00 | | | | | 95 | 1347 | 71 | 700 | | 0.52 | 2.43 | 1221 | |
| 9 6 | 85 | 1433 | 60 | 608 | 64 | 0.00 | | | | | 92 | 1458 | 65 | 646 | | 0.52 | 2.41 | 1144 | |
| 9 7 | 85 | 1512 | 61 | 414 | 66 | 0.00 | | | | | 92 | 1439 | 64 | 629 | | 0.52 | 1.97 | 1222 | |
| 9 8 | 92 | 1356 | 66 | 700 | 71 | 0.00 | | | 1.11 | 1.51 | 97 | 1448 | 64 | 701 | | 0.52 | 2.20 | 1211 | |
| 9 9 | 93 | 1314 | 71 | 701 | 74 | 0.00 | | | 1.29 | 1.7 | 96 | 1445 | 69 | 708 | | 0.52 | 2.05 | 1252 | |
| 9 10 | 96 | 1336 | 72 | 611 | 73 | 0.00 | | | 1.52 | | 98 | 1413 | 72 | 700 | | 0.52 | 2.08 | 1146 | |
| 9 11 | 89 | 1107 | 65 | 554 | 67 | 0.23 | | | 1.63 | 2.02 | 90 | 1242 | 64 | 645 | | 0.52 | 2.69 | 1221 | |
| 9 12 | 86 | 1447 | 60 | 530 | 63 | 0.00 | | | | | 91 | 1451 | 64 | 700 | | 0.52 | 1.81 | 1209 | |
| 9 13 | 75 | 1406 | 61 | 359 | 62 | 0.00 | | | | | 76 | 1555 | 61 | 700 | | 0.52 | 0.73 | 1108 | |
| 9 14 | 74 | 1244 | 50 | 344 | 55 | 0.12 | | | 1.77 | | 80 | 1244 | 53 | 634 | | 0.52 | 2.84 | 1115 | |
| 9 15 | 79 | 1620 | 51 | 611 | 54 | 0.00 | | | 1.59 | | 83 | 1444 | 53 | 701 | | 0.52 | 1.85 | 1159 | |
| 9 16 | 85 | 1456 | 52 | 535 | 55 | 0.00 | | | | | 88 | 1457 | 56 | 700 | | 0.52 | 1.81 | 1211 | |
| 9 17 | 88 | 1336 | 54 | 537 | 56 | 0.00 | | | 1.27 | 1.67 | 91 | 1436 | 58 | 703 | | 0.52 | 1.79 | 1202 | |
| 9 18 | 87 | 1356 | 56 | 617 | 58 | 0.00 | | | 1.50 | 1.89 | 91 | 1449 | 59 | 716 | | 0.52 | 1.85 | 1206 | |
| 9 19 | 87 | 1236 | 58 | 700 | 67 | 0.00 | | | | | 90 | 1422 | 61 | 701 | | 0.52 | 1.84 | 1210 | |
| 9 20 | 87 | 1311 | 64 | 248 | 68 | 0.00 | | | | | 90 | 1423 | 65 | 700 | | 0.52 | 1.98 | 1121 | |
| 9 21 | 79 | 1405 | 61 | 333 | 62 | 0.00 | | | 1.42 | 1.81 | 83 | 1517 | 59 | 635 | | 0.52 | 2.26 | 1335 | |
| 9 22 | 69 | 1153 | 58 | 434 | 60 | 0.03 | | | 1.80 | | 70 | 1418 | 60 | 701 | | 0.52 | 1.44 | 959 | |
| 9 23 | 73 | 1253 | 57 | 610 | 59 | 0.00 | | | 1.71 | | 76 | 1405 | 59 | 648 | | 0.52 | 2.66 | 1241 | |
| 9 24 | 77 | 1506 | 52 | 530 | 54 | 0.00 | | | 1.55 | | 84 | 1445 | 56 | 636 | | 0.52 | 1.89 | 1111 | |
| 9 25 | 81 | 1337 | 54 | 700 | 61 | 0.00 | | | | | 82 | 1504 | 56 | 707 | | 0.52 | 2.12 | 1138 | |
| 9 26 | 73 | 1002 | 61 | 700 | 63 | 0.00 | | | | | 72 | 1409 | 58 | 701 | | 0.52 | 0.97 | 956 | |
| 9 27 | 74 | 1336 | 60 | 154 | 62 | 0.00 | | | | | 74 | 1405 | 58 | 516 | | 0.52 | 1.83 | 1118 | |
| 9 28 | 76 | 1510 | 62 | 704 | 66 | 0.00 | | | 1.15 | | 77 | 1508 | 58 | 700 | | 0.52 | 2.46 | 1114 | |
| 9 29 | 83 | 1401 | 66 | 700 | 70 | 0.00 | | | 1.07 | 1.46 | 85 | 1413 | 66 | 701 | | 0.52 | 2.37 | 1122 | |
| 9 30 | 80 | 1125 | 70 | 700 | 73 | 2.71 | | | 4.00 | | 79 | 1416 | 69 | 702 | | 0.52 | 0.67 | 844 | |
| Average | 84 | | 61 | | 65 | Total | 3.14 | 0.0 | | | 87 | | 63 | | | 0.52 | 1.97 | | |
| | | | | | | Greatest | 2.71 | 0.0 | | | | | | | | | | | |