

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

| UPPER MARLBORO | | | | | | PRINCE GEORGE MD | | | 7:00 AM | September 2013 | | 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 | 90 | 1333 | 67 | 541 | 71 | 0.00 | | | 1.14 | | 97 | 1424 | 70 | 700 | | 2.37 | 43.16 | 1341 | |
| 9 2 | 91 | 1425 | 71 | 703 | 72 | 0.00 | | | | | 101 | 1433 | 71 | 703 | | 1.25 | 36.19 | 1210 | |
| 9 3 | 92 | 1448 | 71 | 332 | 74 | 0.07 | | | 0.90 | 2.3 | 101 | 1424 | 72 | 623 | | 1.20 | 45.85 | 1105 | |
| 9 4 | 86 | 1511 | 55 | 538 | 60 | 0.00 | | | 2.08 | | 94 | 1514 | 62 | 632 | | 2.81 | 44.00 | 1245 | |
| 9 5 | 85 | 1537 | 58 | 615 | 62 | 0.00 | | | 1.91 | | 93 | 1450 | 62 | 701 | | 1.15 | 37.35 | 1201 | |
| 9 6 | 85 | 1351 | 56 | 546 | 58 | 0.00 | | | 1.73 | | 90 | 1449 | 57 | 647 | | 2.96 | 42.44 | 1242 | |
| 9 7 | 79 | 1513 | 51 | 537 | 54 | 0.00 | | | | | 89 | 1515 | 57 | 634 | | 1.56 | 37.54 | 1207 | |
| 9 8 | 83 | 1336 | 54 | 700 | 66 | 0.00 | | | | | 92 | 1428 | 57 | 705 | | 1.81 | 40.08 | 1152 | |
| 9 9 | 88 | 1406 | 59 | 428 | 62 | 0.00 | | | 1.25 | | 93 | 1428 | 63 | 700 | | 1.62 | 43.12 | 1246 | |
| 9 10 | 79 | 1543 | 61 | 706 | 71 | 0.00 | | | 1.14 | | 84 | 1545 | 63 | 702 | | 0.76 | 2.22 | 656 | |
| 9 11 | 93 | 1359 | 70 | 402 | 73 | 0.00 | | | 0.98 | 3.02 | 98 | 1458 | 69 | 700 | | 1.33 | 33.62 | 1116 | |
| 9 12 | 95 | 1411 | 71 | 551 | 73 | 0.00 | | | 2.81 | | 97 | 1455 | 72 | 701 | | 2.36 | 34.03 | 1252 | |
| 9 13 | 95 | 1348 | 66 | 608 | 66 | 1.75 | | | 4.37 | | 95 | 1352 | 70 | 650 | | 1.87 | 39.04 | 1313 | |
| 9 14 | 77 | 1345 | 52 | 440 | 56 | 0.00 | | | | | 83 | 1438 | 56 | 656 | | 4.93 | 39.89 | 1218 | |
| 9 15 | 72 | 1558 | 46 | 613 | 49 | 0.00 | | | | | 80 | 1553 | 55 | 639 | | 2.69 | 40.12 | 1231 | |
| 9 16 | 78 | 1426 | 49 | 700 | 62 | 0.00 | | | 3.84 | | 82 | 1533 | 55 | 704 | | 1.58 | 37.20 | 1230 | |
| 9 17 | 73 | 1532 | 49 | 647 | 51 | 0.02 | | | 3.79 | | 74 | 1529 | 55 | 657 | | 2.53 | 37.30 | 1416 | |
| 9 18 | 68 | 1439 | 42 | 528 | 45 | T | | | 3.65 | | 79 | 1519 | 52 | 653 | | 2.22 | 36.81 | 1004 | |
| 9 19 | 71 | 1543 | 45 | 701 | 49 | 0.00 | | | 3.54 | | 79 | 1521 | 52 | 703 | | 0.90 | 36.40 | 1215 | |
| 9 20 | 78 | 1322 | 49 | 701 | 53 | 0.00 | | | 3.41 | | 84 | 1538 | 55 | 702 | | 1.69 | 35.42 | 1352 | |
| 9 21 | 81 | 1358 | 53 | 700 | 60 | 0.00 | | | | | 85 | 1513 | 59 | 704 | | 2.36 | 37.67 | 1208 | |
| 9 22 | 78 | 1208 | 57 | 635 | 59 | 0.87 | | | | | 76 | 1328 | 62 | 703 | | 2.17 | 39.73 | 1204 | |
| 9 23 | 73 | 1244 | 48 | 340 | 53 | 0.00 | | | 3.90 | | 79 | 1406 | 57 | 657 | | 3.13 | 47.72 | 1215 | |
| 9 24 | 67 | 1525 | 43 | 616 | 45 | 0.00 | | | 3.88 | | 76 | 1536 | 52 | 659 | | 2.68 | 47.01 | 1101 | |
| 9 25 | 74 | 1623 | 45 | 602 | 48 | 0.02 | | | 3.60 | | 79 | 1552 | 52 | 709 | | 1.34 | 34.43 | 1212 | |
| 9 26 | 75 | 1343 | 48 | 700 | 52 | 0.00 | | | 3.54 | | 79 | 1420 | 54 | 707 | | 0.74 | 12.43 | 744 | |
| 9 27 | 76 | 1511 | 52 | 46 | 57 | 0.00 | | | 3.40 | | 81 | 1515 | 58 | 714 | | 0.82 | 0.02 | 604 | |
| 9 28 | 73 | 1412 | 53 | 144 | 55 | 0.00 | | | | | 78 | 1521 | 59 | 657 | | 1.03 | 0.05 | 713 | |
| 9 29 | 72 | 1619 | 49 | 535 | 50 | 0.00 | | | | | 74 | 1524 | 55 | 648 | | 0.91 | 0.04 | 2206 | |
| 9 30 | 74 | 1510 | 48 | 313 | 49 | 0.00 | | | 2.75 | | 77 | 1534 | 54 | 711 | | 0.79 | 0.10 | 659 | |
| Average | 80 | | 55 | | 59 | Total | 2.73 | 0.0 | | | 86 | | 60 | | | 1.85 | 32.03 | | |
| | | | | | | Greatest | 1.75 | 0.0 | | | | | | | | | | | |