

RECORD OF CLIMATOLOGICAL OBSERVATIONS AND EVAPORATION

| UPPER MARLBORO | | | | | | PRINCE GEORGE MD | | | | 7:00 AM | February 2010 | | 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 | | | | | | |
| 2 1 | 32 | 1610 | 10 | 205 | 20 | 0.00 | | 5 | | | 33 | 1542 | 31 | 813 | | 3.88 | 35.82 | 1214 | | |
| 2 2 | 38 | 1624 | 16 | 314 | 19 | 0.00 | | 4 | | | 36 | 1352 | 31 | 602 | | 2.91 | 39.77 | 1131 | | |
| 2 3 | 39 | 1356 | 19 | 700 | 30 | 0.27 | 4 | 7 | | | 36 | 1408 | 31 | 706 | | 3.31 | 28.63 | 1009 | | |
| 2 4 | 42 | 1325 | 30 | 653 | 30 | 0.00 | | 5 | | | 42 | 1329 | 31 | 645 | | 5.20 | 34.94 | 1359 | | |
| 2 5 | 41 | 1435 | 28 | 47 | 30 | 0.00 | | 3 | | | 45 | 1354 | 31 | 702 | | 2.71 | 34.21 | 1225 | | |
| 2 6 | 36 | 1133 | 29 | 242 | 29 | 1.41 | 15 | 17 | | | 36 | 1301 | 32 | 427 | | 6.40 | 7.57 | 1228 | | |
| 2 7 | 29 | 855 | 14 | 544 | 14 | 0.57 | 6 | 22 | | | 32 | 1649 | 31 | 1648 | | 7.50 | 8.08 | 1330 | | |
| 2 8 | 31 | 1547 | 13 | 727 | 17 | 0.00 | | 21 | | | 32 | 1605 | 32 | 2352 | | 5.22 | 37.26 | 1249 | | |
| 2 9 | 34 | 1623 | 14 | 649 | 15 | 0.00 | | 20 | | | 32 | 1303 | 32 | 754 | | 4.79 | 33.88 | 1227 | | |
| 2 10 | 35 | 1447 | 12 | 710 | 29 | 0.69 | 8 | 27 | | | 32 | 1612 | 32 | 813 | | 2.70 | 24.43 | 1149 | | |
| 2 11 | 30 | 226 | 19 | 1209 | 28 | 0.09 | 1 | 28 | | | 32 | 2203 | 32 | 1856 | | 4.91 | 7.15 | 1329 | | |
| 2 12 | 39 | 1611 | 26 | 652 | 26 | 0.00 | | 26 | | | 32 | 1232 | 32 | 639 | | 9.09 | 33.80 | 1243 | | |
| 2 13 | 39 | 1332 | 25 | 2253 | 27 | 0.00 | | 25 | | | 32 | 1259 | 32 | 744 | | 4.80 | 33.89 | 1233 | | |
| 2 14 | 34 | 1602 | 24 | 657 | 24 | 0.00 | | 23 | | | 32 | 1508 | 32 | 148 | | 7.76 | 28.57 | 1253 | | |
| 2 15 | 40 | 1527 | 11 | 535 | 12 | 0.00 | | 21 | | | 32 | 1427 | 32 | 652 | | 5.31 | 31.97 | 1240 | | |
| 2 16 | 38 | 1244 | 11 | 720 | 27 | 0.01 | T | 20 | | | 32 | 1315 | 32 | 750 | | 5.18 | 29.95 | 1023 | | |
| 2 17 | 37 | 1355 | 22 | 553 | 23 | 0.00 | | 19 | | | 32 | 1354 | 32 | 641 | | 7.82 | 39.41 | 1322 | | |
| 2 18 | 36 | 641 | 23 | 703 | 36 | 0.00 | | 18 | | | 32 | 1508 | 32 | 738 | | 7.90 | 43.83 | 1140 | | |
| 2 19 | 43 | 1237 | 33 | 527 | 36 | 0.00 | | 16 | | | 32 | 1259 | 32 | 1938 | | 8.62 | 40.51 | 1240 | | |
| 2 20 | 45 | 1509 | 33 | 657 | 33 | 0.00 | | 15 | | | 32 | 1331 | 32 | 613 | | 8.43 | 27.41 | 1234 | | |
| 2 21 | 45 | 1443 | 24 | 331 | 31 | 0.00 | | 13 | | | 32 | 1225 | 32 | 618 | | 4.87 | 34.13 | 1310 | | |
| 2 22 | 51 | 1337 | 29 | 642 | 30 | 0.00 | | 11 | | | 32 | 1341 | 32 | 737 | | 3.36 | 28.93 | 1350 | | |
| 2 23 | 43 | 1024 | 29 | 726 | 36 | 0.23 | | 8 | | | 32 | 1054 | 32 | 2303 | | 5.42 | 20.41 | 1014 | | |
| 2 24 | 42 | 1533 | 35 | 649 | 36 | 0.00 | | 7 | | | 32 | 1510 | 32 | 2159 | | 6.95 | 14.45 | 1203 | | |
| 2 25 | 45 | 1444 | 33 | 637 | 34 | 0.04 | | 5 | | | 35 | 1625 | 32 | 716 | | 4.07 | 37.17 | 1108 | | |
| 2 26 | 39 | 1308 | 29 | 323 | 31 | 0.00 | | 4 | | | 41 | 1546 | 31 | 608 | | 13.34 | 44.47 | 1131 | | |
| 2 27 | 37 | 1515 | 30 | 613 | 30 | 0.00 | | 3 | | | 39 | 1537 | 31 | 701 | | 9.73 | 21.99 | 1308 | | |
| 2 28 | 44 | 1559 | 30 | 705 | 36 | | T | T | 2 | | 43 | 1352 | 32 | 723 | | 5.89 | 29.58 | 1431 | | |
| Average | 39 | | 23 | | 27 | Total | 3.31 | 34.0 | | | 34 | | 32 | | | 6.00 | 29.72 | | | |
| | | | | | | Greatest | 1.41 | 15.0 | | | | | | | | | | | | |