

AFSRC Forest Open Site Raleigh County, WV
37°46' latitude; 81°7' longitude, 765 m (2510 ft) elevation

| Year | Day | Date | Total Precip (in.) | Ave Temp (°C) | Max Temp (°C) | Min Temp (°C) | Max RH (%) | Min RH (%) | Ave PAR (μmol/s/m2) | Max PAR (μmol/s/m2) | Total PAR2 Flux (mmol/m2) | Ave Solar Radiation (W/M2) | Max Solar Radiation (W/M2) | Total Solar Radiation (MJ) | Ave Wind (MPH) | Ave Wind (MPH) | Max Wind (MPH) | Total DETo (mm) |
|------|---------|-----------|--------------------|---------------|---------------|---------------|------------|------------|---------------------|---------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------|----------------|----------------|-----------------|
| 2006 | 121 | 5/1/2006 | 0 | 13.68 | 22.52 | 9.11 | 58.05 | 18.23 | 411.4 | 2620.5 | 34699 | 268.4 | 1743 | 23.188 | 1.967 | 1.967 | 7.86 | 4.72 |
| 2006 | 122 | 5/2/2006 | 0.1 | 14.07 | 21.61 | 7.77 | 99.5 | 38.25 | 340.65 | 2593 | 28873 | 220.4 | 1662 | 19.041 | 2.228 | 2.228 | 12.09 | 3.872 |
| 2006 | 123 | 5/3/2006 | 0.01 | 12.62 | 17.41 | 8.62 | 99.6 | 59.33 | 164.5 | 2056.5 | 13896 | 105.8 | 1245 | 9.139 | 1.796 | 1.796 | 9.41 | 1.748 |
| 2006 | 124 | 5/4/2006 | 0.53 | 16.7 | 26.76 | 7.29 | 100 | 27.37 | 515.7 | 2390 | 43688 | 335.3 | 1554 | 28.973 | 1.499 | 1.499 | 11.26 | 6.079 |
| 2006 | 125 | 5/5/2006 | 0.02 | 14.62 | 19.42 | 8.86 | 100 | 66.86 | 173.4 | 1976.5 | 14561 | 110.7 | 1352 | 9.5643 | 0.52 | 0.52 | 5.711 | 1.783 |
| 2006 | 126 | 5/6/2006 | 0 | 11.85 | 19.16 | 6.588 | 98.9 | 36.62 | 503.2 | 2289 | 42435 | 335.8 | 1514 | 29.013 | 1.754 | 1.754 | 9.23 | 5.111 |
| 2006 | 127 | 5/7/2006 | 0.33 | 6.891 | 10.3 | 3.974 | 96.4 | 68.9 | 111.5 | 737.5 | 9388.2 | 66.88 | 467.9 | 5.7785 | 1.644 | 1.644 | 7.5 | 0.872 |
| 2006 | 128 | 5/8/2006 | 0 | 8.92 | 12.32 | 6.326 | 95.8 | 73.3 | 180.1 | 1810.5 | 15170 | 114.2 | 1123 | 9.8639 | 1.839 | 1.839 | 6.904 | 1.55 |
| 2006 | 129 | 5/9/2006 | 0 | 12.75 | 21.47 | 6.637 | 96.5 | 46.07 | 504.35 | 2579.5 | 42553 | 331.6 | 1697 | 28.652 | 2.339 | 2.339 | 7.8 | 5.107 |
| 2006 | 130 | 5/10/2006 | 0 | 16.56 | 24.6 | 10.74 | 90.4 | 51.66 | 282.4 | 2106 | 23899 | 179.7 | 1400 | 15.529 | 2.522 | 2.522 | 9.17 | 3.183 |
| 2006 | 131 | 5/11/2006 | 0.31 | 11.94 | 18.92 | 5.984 | 96.9 | 71.8 | 152.55 | 2229 | 12877 | 100.5 | 1515 | 8.6829 | 2.916 | 2.916 | 13.64 | 1.417 |
| 2006 | 132 | 5/12/2006 | 0 | 8.92 | 13.52 | 5.445 | 97.6 | 53.26 | 243.9 | 2332.5 | 20575 | 161.2 | 1585 | 13.928 | 2.509 | 2.509 | 8.99 | 2.245 |
| 2006 | 133 | 5/13/2006 | 0.01 | 13.33 | 20.61 | 7.44 | 93.6 | 25.31 | 432.5 | 2604.5 | 36557 | 289.3 | 1749 | 24.994 | 1.94 | 1.94 | 9.35 | 4.85 |
| 2006 | 134 | 5/14/2006 | 0.16 | 9.36 | 17.69 | 3.497 | 99 | 52.43 | 226.8 | 2243 | 19203 | 151 | 1512 | 13.049 | 1.676 | 1.676 | 10.9 | 2.146 |
| 2006 | 135 | 5/15/2006 | 0.05 | 7.29 | 12.04 | 3.009 | 99.3 | 60.88 | 255.45 | 2219.5 | 21524 | 174.4 | 1555 | 15.072 | 1.696 | 1.696 | 9.29 | 2.232 |
| 2006 | 136 | 5/16/2006 | 0 | 8.44 | 12.41 | 4.1 | 98 | 68.29 | 169.2 | 2621 | 14256 | 110.5 | 1770 | 9.5444 | 2.107 | 2.107 | 8.57 | 1.504 |
| 2006 | 137 | 5/17/2006 | 0 | 11.46 | 18.11 | 6.541 | 98.3 | 49.6 | 385.95 | 2491 | 32671 | 257.9 | 1695 | 22.287 | 1.954 | 1.954 | 9.35 | 3.747 |
| 2006 | 138 | 5/18/2006 | 0.09 | 10.57 | 17.96 | 4.984 | 96.6 | 31.78 | 352.1 | 2412.5 | 29728 | 238.8 | 1628 | 20.629 | 2.991 | 2.991 | 10.84 | 3.547 |
| 2006 | 139 | 5/19/2006 | 0 | 10.07 | 17.28 | 3.823 | 98.1 | 40.65 | 319.85 | 2485.5 | 27028 | 216.6 | 1617 | 18.714 | 3.122 | 3.122 | 13.46 | 3.166 |
| 2006 | 140 | 5/20/2006 | 0 | 13.69 | 21.24 | 6.487 | 96.7 | 26.5 | 595.75 | 2080.5 | 50442 | 399.3 | 1376 | 34.504 | 2.582 | 2.582 | 12.15 | 6.307 |
| 2006 | 141 | 5/21/2006 | 0 | 12.97 | 23.04 | 5.02 | 89.3 | 29.42 | 502.35 | 2182 | 42425 | 329.7 | 1469 | 28.489 | 2.151 | 2.151 | 12.21 | 5.522 |
| 2006 | 142 | 5/22/2006 | 0 | 11.14 | 19.28 | 3.53 | 88.2 | 24.03 | 629.1 | 1931.5 | 53206 | 431 | 1337 | 37.234 | 1.955 | 1.955 | 10.72 | 6.614 |
| 2006 | 143 | 5/23/2006 | 0 | 10.39 | 19.67 | 1.568 | 94.2 | 23.83 | 636.35 | 1936 | 53865 | 434.8 | 1321 | 37.568 | 1.689 | 1.689 | 10.6 | 6.679 |
| 2006 | 144 | 5/24/2006 | 0 | 14.27 | 25.12 | 3.286 | 86 | 16.3 | 569.65 | 1958 | 48258 | 387 | 1317 | 33.435 | 1.14 | 1.14 | 8.63 | 6.827 |
| 2006 | 145 | 5/25/2006 | 0 | 19.52 | 27.99 | 10.92 | 83.2 | 41.95 | 425.8 | 2407.5 | 36082 | 278.9 | 1600 | 24.101 | 2.151 | 2.151 | 9.53 | 5.238 |
| 2006 | 146 | 5/26/2006 | 0.35 | 17.51 | 23.86 | 14.34 | 98.5 | 60.78 | 236.05 | 2534 | 20023 | 156 | 1671 | 13.478 | 2.12 | 2.12 | 10.96 | 2.594 |
| 2006 | 147 | 5/27/2006 | 0 | 18.29 | 24.52 | 14.06 | 99.7 | 55.75 | 438.3 | 2320 | 37162 | 294 | 1553 | 25.4 | 1.531 | 1.531 | 7.86 | 4.963 |
| 2006 | 148 | 5/28/2006 | 0 | 20.63 | 30.75 | 12.28 | 99.8 | 25.2 | 601.35 | 1941 | 51056 | 396.2 | 1279 | 34.236 | 1.058 | 1.058 | 6.248 | 7.46 |
| 2006 | 149 | 5/29/2006 | 0 | 22.8 | 31.68 | 15.42 | 96.8 | 30.26 | 563.75 | 2069.5 | 47890 | 370.3 | 1393 | 31.996 | 0.892 | 0.892 | 7.56 | 7.24 |
| 2006 | 150 | 5/30/2006 | 0 | 23.73 | 34.88 | 14.47 | 97.3 | 26.52 | 590.95 | 1861.5 | 50177 | 386 | 1218 | 33.349 | 0.695 | 0.695 | 5.95 | 7.73 |
| 2006 | 151 | 5/31/2006 | 0.31 | 21.61 | 30.64 | 16.22 | 99.1 | 43.05 | 384.45 | 1990.5 | 32688 | 255.3 | 1346 | 22.056 | 0.989 | 0.989 | 9.05 | 4.852 |
| | Summary | May-06 | 2.27 | 13.76 | 34.88 | 1.57 | 100 | 16.3 | 423.76 | 2621 | 1006855.2 | 254.43 | 1770 | 681.49 | 1.87 | 1.87 | 13.64 | 130.91 |