Current Time: 8:55 AM

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

# Daily Summary Report

Site: Tower "L" (1209) 8/7/2012 Interval: 001h

| | 01_TempC_10m | 02_TempC_30m | 03_TempF_10m | 04_TempF_30m | 05_VT_Grad | 06_Precip_mm | 07_Precip_In | 09_BP | 10_BP | 11_Solar_Rad |
|---|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGF | DEGF | DEGC | MM | INCHES | INHG | KPa | Langleys |
| 00:00 | 22.8 | 22.9 | 73.0 | 73.1 | .1 | .0 | .00 | 29.21 | 989.1 | -.004 |
| 01:00 | 22.6 | 22.6 | 72.7 | 72.6 | .0 | .0 | .00 | 29.20 | 989.0 | -.004 |
| 02:00 | 22.2 | 22.4 | 71.9 | 72.3 | .2 | .0 | .00 | 29.19 | 988.6 | -.004 |
| 03:00 | 22.2 | 22.0 | 71.9 | 71.7 | -.1 | .0 | .00 | 29.18 | 988.3 | -.004 |
| 04:00 | 22.0 | 21.9 | 71.6 | 71.4 | -.1 | .0 | .00 | 29.18 | 988.2 | -.004 |
| 05:00 | 22.0 | 21.8 | 71.6 | 71.3 | -.1 | .0 | .00 | 29.18 | 988.1 | -.004 |
| 06:00 | 22.1 P | 22.0 P | 71.8 P | 71.6 P | -.1 P | .0 P | .00 P | 29.19 P | 988.4 P | -.004 P |
| 07:00 | 22.3 | 22.1 | 72.1 | 71.8 | -.2 | .0 | .00 | 29.20 | 988.8 | .031 |
| 08:00 | 22.8 | 22.6 | 73.0 | 72.6 | -.2 | .0 | .00 | 29.21 | 989.3 | .142 |
| 09:00 | 24.0 | 23.7 | 75.1 | 74.7 | -.2 | .0 | .00 | 29.21 | 989.4 | .412 |
| 10:00 | 25.5 | 25.1 | 77.9 | 77.2 | -.4 | .0 | .00 | 29.21 | 989.3 | .635 |
| 11:00 | 26.5 | 26.1 | 79.7 | 78.9 | -.5 | .0 | .00 | 29.21 | 989.2 | 1.016 |
| 12:00 | 27.8 | 27.3 | 82.0 | 81.1 | -.5 | .0 | .00 | 29.20 | 988.9 | 1.155 |
| 13:00 | 28.3 | 27.9 | 83.0 | 82.3 | -.4 | .0 | .00 | 29.18 | 988.4 | 1.151 |
| 14:00 | 29.5 | 29.0 | 85.1 | 84.1 | -.5 | .0 | .00 | 29.16 | 987.6 | 1.354 |
| 15:00 | 30.2 | 29.8 | 86.4 | 85.6 | -.4 | .0 | .00 | 29.15 | 987.0 | 1.240 |
| 16:00 | 30.6 | 30.3 | 87.2 | 86.5 | -.3 | .0 | .00 | 29.13 | 986.6 | .953 |
| 17:00 | 30.2 P | 29.9 P | 86.4 P | 85.8 P | -.3 P | .0 P | .00 P | 29.13 P | 986.6 P | .546 P |
| 18:00 | 28.7 | 28.4 | 83.6 | 83.1 | -.3 | .0 | .00 | 29.13 | 986.6 | .357 |
| 19:00 | 28.5 | 28.3 | 83.3 | 83.0 | -.2 | .0 | .00 | 29.14 | 986.8 | .226 |
| 20:00 | 26.9 | 27.2 | 80.4 | 81.0 | .3 | .0 | .00 | 29.14 | 987.0 | .025 |
| 21:00 | 25.4 | 25.9 | 77.7 | 78.6 | .5 | .0 | .00 | 29.16 | 987.6 | -.003 |
| 22:00 | 25.0 | 25.3 | 77.0 | 77.5 | .3 | .0 | .00 | 29.17 | 988.0 | -.003 |
| 23:00 | 24.3 | 24.5 | 75.8 | 76.1 | .2 | .0 | .00 | 29.18 | 988.1 | -.003 |
| Avg | 25.5 | 25.4 | 77.9 | 77.7 | -.1 | .0 | .00 | 29.18 | 988.1 | .384 |
| Max | 30.6 | 30.3 | 87.2 | 86.5 | .5 | .0 | .00 | 29.21 | 989.4 | 1.354 |
| Min | 22.0 | 21.8 | 71.6 | 71.3 | -.5 | .0 | .00 | 29.13 | 986.6 | -.004 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209) 8/7/2012 Interval: 001h

| | 12_Solar_Rad | 13_WDir_10m | 14_WDir_30m | 17_Sigma_10m | 18_Sigma_30m | 21_WSpd_10m | 22_WSpd_30m | 27_PkWd_10m | 28_PkWd_30m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | W/M2 | DEG | DEG | DEG | DEG | MPH | MPH | MPH | MPH |
| 00:00 | -2.6 | 103 | 95 | 35.0 | 51 | .5 | .5 | 2.1 | 1.6 |
| 01:00 | -2.6 | 19 | 319 | 22.1 | 45 | .4 | .4 | 1.8 | 1.6 |
| 02:00 | -2.7 | 85 | 58 | 16.5 | 19 | 1.5 | 2.9 | 4.6 | 6.4 |
| 03:00 | -2.7 | 258 | 271 | 27.9 | 39 | .9 | 1.2 | 2.5 | 3.4 |
| 04:00 | -2.8 | 77 | 25 | 23.5 | 21 | .1 | .4 | 1.6 | 1.4 |
| 05:00 | -2.9 | 75 | 24 | 17.4 | 22 | .2 | .3 | 1.6 | 2.1 |
| 06:00 | -2.7 P | 324 P | 335 P | 40.5 P | 29 P | .2 P | .4 P | 1.7 < | 2.1 < |
| 07:00 | 21.5 | 227 | 250 | 47.5 | 44 | .4 | .4 | 1.8 | 2.3 |
| 08:00 | 98.7 | 261 | 231 | 66.8 | 66 | .8 | .8 | 2.3 | 3.4 |
| 09:00 | 287.5 | 241 | 271 | 47.9 | 65 | .6 | .7 | 2.7 | 2.7 |
| 10:00 | 442.6 | 234 | 232 | 46.3 | 36 | 1.6 | 1.8 | 4.6 | 5.0 |
| 11:00 | 708.5 | 199 | 205 | 36.4 | 26 | 3.4 | 4.1 | 7.8 | 8.5 |
| 12:00 | 805.5 | 224 | 231 | 55.8 | 49 | 3.0 | 3.3 | 8.7 | 9.2 |
| 13:00 | 802.5 | 248 | 256 | 43.0 | 41 | 2.9 | 3.2 | 7.8 | 9.4 |
| 14:00 | 944.4 | 205 | 217 | 76.3 | 68 | 2.5 | 2.5 | 8.7 | 7.6 |
| 15:00 | 864.9 | 181 | 185 | 55.6 | 45 | 2.6 | 2.8 | 7.6 | 8.2 |
| 16:00 | 664.3 | 195 | 202 | 47.3 | 36 | 2.5 | 3.0 | 8.2 | 9.6 |
| 17:00 | 380.9 P | 312 P | 314 P | 28.1 P | 22 P | 4.8 P | 6.1 P | 13.0 < | 14.4 < |
| 18:00 | 248.8 | 16 | 14 | 23.7 | 19 | 4.5 | 5.4 | 12.6 | 13.1 |
| 19:00 | 157.5 | 35 | 25 | 39.2 | 30 | 2.5 | 3.1 | 7.3 | 8.5 |
| 20:00 | 17.3 | 87 | 59 | 62.2 | 31 | .9 | 2.4 | 3.9 | 6.0 |
| 21:00 | -2.3 | 120 | 107 | 45.2 | 61 | 1.2 | 1.3 | 3.4 | 4.8 |
| 22:00 | -2.3 | 78 | 24 | 39.1 | 43 | 1.3 | 2.0 | 7.8 | 9.2 |
| 23:00 | -2.4 | 96 | 61 | 40.0 | 38 | .8 | 1.6 | 3.7 | 5.7 |
| Avg | 267.5 | 169 | 304 | 41.0 | 39 | 1.7 | 2.1 | 5.3 | 6.1 |
| Max | 944.4 | 324 | 335 | 76.3 | 68 | 4.8 | 6.1 | 13.0 | 14.4 |
| Min | -2.9 | 16 | 14 | 16.5 | 19 | .1 | .3 | 1.6 | 1.4 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |