Date Printed: 06/11/2014 09:15

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

# Daily Summary Report

Site: Tower "L" (1209)

6/10/2014

Interval: 001h

| | 01_TempC_10m | 02_TempC_30m | 03_TempF_10m | 04_TempF_30m | 05_VT_Grad | 06_Precip_mm | 07_Precip_In | 08_PrecipSum | 09_BP |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGF | DEGF | DEGC | MM | INCHES | INCHES | INHG |
| 00:00 | 20.1 | 20.5 | 68.1 | 68.9 | .5 | .0 | .00 | .00 | 29.10 |
| 01:00 | 20.0 | 20.2 | 67.9 | 68.3 | .2 | .0 | .00 | .00 | 29.11 |
| 02:00 | 20.3 | 20.4 | 68.5 | 68.7 | .1 | 1.8 | .07 | .07 | 29.13 |
| 03:00 | 19.6 | 19.6 | 67.2 | 67.3 | .0 | .8 | .03 | .10 | 29.13 |
| 04:00 | 19.1 | 19.1 | 66.4 | 66.4 | .0 | 1.3 | .05 | .15 | 29.10 |
| 05:00 | 18.9 | 18.9 | 66.0 | 66.0 | .0 | .0 | .00 | .15 | 29.10 |
| 06:00 | 18.6 | 18.5 | 65.5 | 65.4 | .0 | .0 | .00 | .15 | 29.11 |
| 07:00 | 18.5 | 18.6 | 65.3 | 65.5 | .1 | .0 | .00 | .15 | 29.12 |
| 08:00 | 19.2 | 19.1 | 66.6 | 66.4 | -.1 | .0 | .00 | .15 | 29.12 |
| 09:00 | 20.5 | 20.3 | 68.9 | 68.6 | -.2 | .0 | .00 | .15 | 29.13 |
| 10:00 | 22.0 | 21.8 | 71.5 | 71.3 | -.1 | .0 | .00 | .15 | 29.14 |
| 11:00 | 23.3 | 23.2 | 73.9 | 73.7 | -.1 | .0 | .00 | .15 | 29.13 |
| 12:00 | 24.3 | 24.2 | 75.8 | 75.5 | -.1 | .0 | .00 | .15 | 29.12 |
| 13:00 | 25.5 | 25.4 | 77.9 | 77.7 | -.1 | .0 | .00 | .15 | 29.11 |
| 14:00 | 26.7 | 26.5 | 80.0 | 79.6 | -.2 | .0 | .00 | .15 | 29.09 |
| 15:00 | 28.0 | 27.8 | 82.3 | 82.0 | -.2 | .0 | .00 | .15 | 29.05 |
| 16:00 | 28.1 | 28.1 | 82.5 | 82.6 | .0 | .0 | .00 | .15 | 29.05 |
| 17:00 | 21.1 | 21.1 | 69.9 | 70.0 | .1 | 21.1 | .83 | .98 | 29.12 |
| 18:00 | 19.7 | 19.6 | 67.4 | 67.3 | .0 | 4.3 | .17 | 1.15 | 29.13 |
| 19:00 | 19.7 | 19.6 | 67.5 | 67.3 | -.1 | .3 | .01 | 1.16 | 29.10 |
| 20:00 | 19.8 P | 19.7 P | 67.6 P | 67.5 P | .0 P | .0 | .00 | 1.16 | 29.08 |
| 21:00 | 19.3 | 19.2 | 66.8 | 66.5 | -.2 | .0 | .00 | 1.16 | 29.08 |
| 22:00 | 19.1 | 18.9 | 66.4 | 65.9 | -.2 | .0 | .00 | 1.16 | 29.08 |
| 23:00 | 18.8 | 18.5 | 65.9 | 65.2 | -.4 | .0 | .00 | 1.16 | 29.09 |
| Avg | 21.2 | 21.2 | 70.2 | 70.2 | .0 | 1.2 | .05 | .42 | 29.11 |
| Max | 28.1 | 28.1 | 82.5 | 82.6 | .5 | 21.1 | .83 | 1.16 | 29.14 |
| Hr. of Max | 16 | 16 | 16 | 16 | 00 | 17 | 17 | 23 | 10 |
| Min | 18.5 | 18.5 | 65.3 | 65.2 | -.4 | .0 | .00 | .00 | 29.05 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209)

6/10/2014

Interval: 001h

| | 10_BP | 11_Solar_Rad | 12_Solar_Rad | 13_WDir_10m | 14_WDir_30m | 15_VWDir_10m | 16_VWDir_30m | 17_Sigma_10m | 18_Sigma_30m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | KPa | Langleys | W/M2 | DEG | DEG | DEG | DEG | DEG | DEG |
| 00:00 | 985.4 | -.004 | -2.7 | 77 | 46 | 70 | 64 | 31 | 28 |
| 01:00 | 985.8 | -.004 | -2.7 | 354 | 296 | 310 | 296 | 56 | 60 |
| 02:00 | 986.6 | -.004 | -2.6 | 227 | 219 | 241 | 230 | 31 | 25 |
| 03:00 | 986.4 | -.004 | -2.8 | 192 | 184 | 197 | 186 | 21 | 16 |
| 04:00 | 985.5 | -.004 | -2.7 | 140 | 145 | 148 | 138 | 38 | 31 |
| 05:00 | 985.5 | -.004 | -3.0 | 195 | 184 | 231 | 193 | 29 | 34 |
| 06:00 | 986.0 | .014 | 9.5 | 306 | 288 | 304 | 285 | 29 | 21 |
| 07:00 | 986.1 | .097 | 67.8 | 100 | 53 | 104 | 52 | 17 | 17 |
| 08:00 | 986.3 | .196 | 136.4 | 164 | 164 | 163 | 167 | 24 | 21 |
| 09:00 | 986.5 | .713 | 497.0 | 232 | 222 | 234 | 226 | 42 | 34 |
| 10:00 | 986.7 | .489 | 341.0 | 234 | 221 | 231 | 216 | 32 | 28 |
| 11:00 | 986.6 | .682 | 475.5 | 243 | 228 | 243 | 227 | 27 | 23 |
| 12:00 | 986.2 | .977 | 681.4 | 241 | 226 | 242 | 227 | 29 | 23 |
| 13:00 | 985.7 | .887 | 618.6 | 231 | 217 | 230 | 217 | 26 | 21 |
| 14:00 | 985.0 | 1.218 | 849.4 | 218 | 208 | 219 | 204 | 34 | 29 |
| 15:00 | 983.9 | 1.300 | 906.6 | 230 | 215 | 232 | 216 | 30 | 24 |
| 16:00 | 983.7 | .567 | 395.3 | 205 | 192 | 207 | 194 | 26 | 19 |
| 17:00 | 986.0 | .018 | 12.4 | 224 | 212 | 251 | 238 | 46 | 36 |
| 18:00 | 986.3 | .008 | 5.4 | 132 | 130 | 127 | 121 | 25 | 23 |
| 19:00 | 985.6 | .053 | 37.2 | 162 | 153 | 135 | 132 | 50 | 51 |
| 20:00 | 984.7 | .019 | 13.6 | 111 P | 49 P | 120 P | 54 P | 45 | 37 |
| 21:00 | 984.6 | -.004 | -2.6 | 98 | 70 | 101 | 71 | 8 | 10 |
| 22:00 | 984.9 | -.004 | -2.8 | 95 | 55 | 93 | 57 | 7 | 30 |
| 23:00 | 985.1 | -.004 | -2.9 | 84 | 15 | 82 | 33 | 11 | 34 |
| Avg | 985.6 | .300 | 209.3 | 185 | 189 | 0 | 0 | 30 | 28 |
| Max | 986.7 | 1.300 | 906.6 | 354 | 296 | 310 | 296 | 56 | 60 |
| Hr. of Max | 10 | 15 | 15 | 01 | 01 | 01 | 01 | 01 | 01 |
| Min | 983.7 | -.004 | -3.0 | 77 | 15 | 70 | 33 | 7 | 10 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209)

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Interval: 001h

| | 19_WSpd_10m | 20_WSpd_30m | 21_WSpd_10m | 22_WSpd_30m | 23_VWSpd_10m | 24_VWSpd_30m | 27_PkWd_10m | 28_PkWd_30m |
|---|---|---|---|---|---|---|---|---|
| Hour | M/SEC | M/SEC | MPH | MPH | MPH | MPH | MPH | MPH |
| 00:00 | .7 | .9 | 1.5 | 2.0 | .7 | 1.0 | 3.2 | 4.6 |
| 01:00 | .5 | .8 | 1.1 | 1.7 | .5 | 1.2 | 4.8 | 7.1 |
| 02:00 | 1.8 | 2.5 | 3.9 | 5.6 | 3.4 | 5.0 | 19.0 | 21.1 |
| 03:00 | 1.2 | 2.1 | 2.7 | 4.8 | 2.4 | 4.5 | 7.6 | 11.0 |
| 04:00 | .9 | 1.5 | 2.0 | 3.3 | 1.7 | 3.0 | 8.9 | 9.6 |
| 05:00 | .6 | 1.0 | 1.4 | 2.2 | .7 | 1.4 | 3.9 | 5.0 |
| 06:00 | .2 | .6 | .5 | 1.3 | .5 | 1.2 | 2.7 | 3.0 |
| 07:00 | .6 | .7 | 1.5 | 1.6 | 1.4 | 1.4 | 3.2 | 3.0 |
| 08:00 | .4 | .5 | .9 | 1.1 | .6 | .9 | 2.3 | 3.2 |
| 09:00 | .9 | 1.1 | 2.1 | 2.6 | 1.7 | 2.2 | 8.2 | 9.8 |
| 10:00 | 1.8 | 2.4 | 4.0 | 5.3 | 3.6 | 5.0 | 13.1 | 13.3 |
| 11:00 | 2.4 | 3.1 | 5.4 | 6.9 | 4.8 | 6.4 | 14.2 | 16.5 |
| 12:00 | 2.1 | 2.7 | 4.7 | 6.0 | 4.2 | 5.6 | 11.2 | 11.4 |
| 13:00 | 2.3 | 2.9 | 5.1 | 6.6 | 4.6 | 6.2 | 11.7 | 13.1 |
| 14:00 | 2.1 | 2.8 | 4.7 | 6.4 | 4.1 | 5.8 | 13.1 | 14.7 |
| 15:00 | 2.2 | 2.9 | 5.0 | 6.6 | 4.5 | 6.1 | 12.6 | 13.7 |
| 16:00 | 2.6 | 3.7 | 5.8 | 8.2 | 5.0 | 7.5 | 14.4 | 17.9 |
| 17:00 | 3.6 | 4.8 | 8.1 | 10.8 | 5.9 | 8.3 | 63.2 | 71.4 |
| 18:00 | 1.2 | 1.7 | 2.6 | 3.7 | 2.4 | 3.4 | 6.6 | 8.9 |
| 19:00 | .6 | .9 | 1.4 | 2.1 | .4 | 1.1 | 4.8 | 6.2 |
| 20:00 | .3 | .5 | .6 | 1.2 | .3 P | .7 P | < | 4.1 |
| 21:00 | .6 | 1.2 | 1.3 | 2.7 | 1.3 | 2.6 | 3.4 | 4.6 |
| 22:00 | .3 | .6 | .6 | 1.4 | .6 | 1.2 | 2.5 | 4.4 |
| 23:00 | .3 | .4 | .7 | .9 | .6 | .7 | 2.7 | 3.2 |
| Avg | 1.3 | 1.8 | 2.8 | 4.0 | 2.3 | 2.3 | 10.3 | 11.7 |
| Max | 3.6 | 4.8 | 8.1 | 10.8 | 5.9 | 8.3 | 63.2 | 71.4 |
| Hr. of Max | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Min | .2 | .4 | .5 | .9 | .3 | .7 | 2.3 | 3.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 24 |
| Total | | | | | | | | |