Date Printed: 08/19/2014 12:49

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

# Daily Summary Report

Site: Tower "L" (1209)

8/18/2014

Interval: 001h

| | 01_TempC_010m | 02_TempC_030m | 03_TempF_010m | 04_TempF_030m | 05_VT_Grad | 06_Precip_mm | 07_Precip_In | 08_PrecipSum | 09_BarPres_In |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGF | DEGF | DEGC | MM | INCHES | INCHES | INHG |
| 00:00 | 21.8 | 21.7 | 71.3 | 71.0 | -.2 | .0 | .00 | .00 | 29.14 |
| 01:00 | 21.8 | 21.5 | 71.2 | 70.7 | -.3 | .0 | .00 | .00 | 29.12 |
| 02:00 | 21.8 | 21.4 | 71.2 | 70.6 | -.3 | .0 | .00 | .00 | 29.11 |
| 03:00 | 21.8 | 21.4 | 71.3 | 70.5 | -.4 | .0 | .00 | .00 | 29.10 |
| 04:00 | 21.8 | 21.3 | 71.2 | 70.3 | -.5 | .0 | .00 | .00 | 29.10 |
| 05:00 | 21.7 | 21.2 | 71.0 | 70.1 | -.5 | .0 | .00 | .00 | 29.10 |
| 06:00 | 21.7 | 21.3 | 71.0 | 70.4 | -.4 | .0 | .00 | .00 | 29.10 |
| 07:00 | 21.8 | 21.6 | 71.3 | 70.9 | -.2 | .0 | .00 | .00 | 29.11 |
| 08:00 | 22.2 | 22.1 | 72.0 | 71.8 | -.1 | .0 | .00 | .00 | 29.11 |
| 09:00 | 22.7 | 22.7 | 72.9 | 72.8 | .0 | .0 | .00 | .00 | 29.11 |
| 10:00 | 22.9 | 22.9 | 73.3 | 73.3 | .0 | .0 | .00 | .00 | 29.12 |
| 11:00 | 23.0 | 23.0 | 73.4 | 73.4 | .0 | .0 | .00 | .00 | 29.13 |
| 12:00 | 23.2 | 23.1 | 73.7 | 73.6 | -.1 | .0 | .00 | .00 | 29.12 |
| 13:00 | 24.8 | 24.5 | 76.6 | 76.1 | -.3 | .0 | .00 | .00 | 29.09 |
| 14:00 | 26.5 | 26.2 | 79.8 | 79.1 | -.4 | .0 | .00 | .00 | 29.07 |
| 15:00 | 27.6 | 27.5 | 81.8 | 81.4 | -.2 | 2.5 | .10 | .01 | 29.04 |
| 16:00 | 23.7 | 23.9 | 74.6 | 75.0 | .2 | 30.2 | 1.19 | 1.19 | 29.05 |
| 17:00 | 24.1 | 24.2 | 75.3 | 75.5 | .1 | 2.0 | .08 | .01 | 29.04 |
| 18:00 | 24.5 | 24.5 | 76.0 | 76.1 | .0 | 2.3 | .09 | .01 | 29.04 |
| 19:00 | 23.6 | 23.7 | 74.6 | 74.7 | .1 | 13.2 | .52 | .00 | 29.05 |
| 20:00 | 23.6 | 23.9 | 74.4 | 74.9 | .3 | .3 | .01 | .01 | 29.05 |
| 21:00 | 23.1 | 23.0 | 73.6 | 73.4 | -.1 | .0 | .00 | .00 | 29.06 |
| 22:00 | 22.8 | 22.6 | 73.0 | 72.6 | -.2 | .0 | .00 | .00 | 29.07 |
| 23:00 | 22.3 | 22.2 | 72.2 | 71.9 | -.2 | .0 | .00 | .00 | 29.07 |
| Avg | 23.1 | 23.0 | 73.6 | 73.3 | -.2 | 2.1 | .08 | .05 | 29.09 |
| Max | 27.6 | 27.5 | 81.8 | 81.4 | .3 | 30.2 | 1.19 | 1.19 | 29.14 |
| Hr. of Max | 15 | 15 | 15 | 15 | 20 | 16 | 16 | 16 | 00 |
| Min | 21.7 | 21.2 | 71.0 | 70.1 | -.5 | .0 | .00 | .00 | 29.04 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209)

8/18/2014

Interval: 001h

| | 10_BarPres_Mb | 11_Solar_Rad_Wm2 | 12_Solar_Rad_Lang | 13_WDir_010m | 14_WDir_030m | 15_VWDir_010m | 16_VWDir_030m | 17_Sigma_010m | 18_Sigma_030m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | KPa | W/M2 | Langleys | DEG | DEG | DEG | DEG | DEG | DEG |
| 00:00 | 986.7 | -2.8 | -.004 | 145 | 110 | 111 | 75 | 45 | 45 |
| 01:00 | 986.2 | -2.9 | -.004 | 13 | 357 | 9 | 356 | 43 | 30 |
| 02:00 | 985.7 | -2.9 | -.004 | 190 | 158 | 172 | 175 | 64 | 55 |
| 03:00 | 985.4 | -2.8 | -.004 | 202 | 196 | 214 | 203 | 39 | 29 |
| 04:00 | 985.4 | -3.1 | -.004 | 194 | 211 | 197 | 216 | 28 | 24 |
| 05:00 | 985.4 | -2.6 | -.004 | 200 | 199 | 203 | 196 | 21 | 14 |
| 06:00 | 985.4 | -2.8 | -.004 | 218 | 215 | 218 | 215 | 24 | 17 |
| 07:00 | 985.7 | 11.0 | .016 | 214 | 221 | 224 | 222 | 37 | 23 |
| 08:00 | 985.7 | 64.3 | .092 | 234 | 230 | 233 | 229 | 19 | 16 |
| 09:00 | 985.9 | 102.8 | .147 | 219 | 217 | 218 | 216 | 18 | 14 |
| 10:00 | 986.3 | 128.3 | .184 | 216 | 211 | 217 | 212 | 21 | 16 |
| 11:00 | 986.4 | 181.5 | .260 | 218 | 212 | 218 | 213 | 18 | 15 |
| 12:00 | 986.1 | 303.5 | .435 | 221 | 217 | 221 | 217 | 18 | 14 |
| 13:00 | 985.2 | 695.9 | .998 | 230 | 225 | 231 | 226 | 23 | 19 |
| 14:00 | 984.4 | 934.5 | 1.340 | 211 | 210 | 211 | 209 | 25 | 21 |
| 15:00 | 983.5 | 624.4 | .895 | 210 | 208 | 210 | 208 | 40 | 36 |
| 16:00 | 983.6 | 91.6 | .131 | 323 | 312 | 340 | 325 | 30 | 23 |
| 17:00 | 983.5 | 99.4 | .142 | 239 | 251 | 249 | 258 | 32 | 27 |
| 18:00 | 983.5 | 94.5 | .136 | 180 | 177 | 194 | 193 | 41 | 38 |
| 19:00 | 983.9 | 11.7 | .017 | 286 | 306 | 293 | 309 | 47 | 31 |
| 20:00 | 983.9 | -2.6 | -.004 | 141 | 138 | 143 | 142 | 41 | 27 |
| 21:00 | 984.0 | -3.0 | -.004 | 162 | 153 | 158 | 153 | 24 | 18 |
| 22:00 | 984.4 | -2.9 | -.004 | 219 | 208 | 218 | 205 | 25 | 19 |
| 23:00 | 984.5 | -2.8 | -.004 | 215 | 215 | 216 | 215 | 21 | 15 |
| Avg | 985.0 | 138.0 | .198 | 211 | 209 | 0 | 0 | 31 | 24 |
| Max | 986.7 | 934.5 | 1.340 | 323 | 357 | 340 | 356 | 64 | 55 |
| Hr. of Max | 00 | 14 | 14 | 16 | 01 | 16 | 01 | 02 | 02 |
| Min | 983.5 | -3.1 | -.004 | 13 | 110 | 9 | 75 | 18 | 14 |
| 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_RWSpd_010m | 20_RWSpd_030m | 21_WSpd_010m | 22_WSpd_030m | 23_WSpdms_010m | 24_WSpdms_030m | 27_PkWsH_010m | 28_PkWsH_030m |
|---|---|---|---|---|---|---|---|---|
| Hour | MPH | MPH | MPH | MPH | M/SEC | M/SEC | MPH | MPH |
| 00:00 | .7 | .9 | 1.5 | 2.2 | .7 | 1.0 | 5.3 | 6.2 |
| 01:00 | .7 | 1.3 | 1.2 | 1.5 | .5 | .7 | 3.9 | 5.0 |
| 02:00 | .4 | .4 | .9 | 1.0 | .4 | .5 | 3.0 | 2.5 |
| 03:00 | .5 | .7 | .7 | .8 | .3 | .4 | 3.0 | 3.2 |
| 04:00 | .8 | 1.3 | .9 | 1.4 | .4 | .6 | 2.3 | 3.0 |
| 05:00 | 1.4 | 2.5 | 1.8 | 2.8 | .8 | 1.3 | 3.9 | 5.3 |
| 06:00 | 1.5 | 2.7 | 1.7 | 2.8 | .8 | 1.3 | 3.9 | 6.4 |
| 07:00 | 1.8 | 3.1 | 2.0 | 3.2 | .9 | 1.4 | 10.1 | 12.6 |
| 08:00 | 4.1 | 5.7 | 4.3 | 6.0 | 1.9 | 2.7 | 11.4 | 12.6 |
| 09:00 | 4.7 | 6.6 | 5.0 | 6.8 | 2.2 | 3.1 | 14.0 | 15.6 |
| 10:00 | 5.9 | 8.3 | 6.2 | 8.6 | 2.8 | 3.9 | 15.6 | 19.5 |
| 11:00 | 7.1 | 9.8 | 7.5 | 10.1 | 3.3 | 4.5 | 17.9 | 21.5 |
| 12:00 | 6.5 | 9.0 | 6.8 | 9.2 | 3.1 | 4.1 | 15.6 | 16.9 |
| 13:00 | 5.7 | 7.4 | 6.1 | 7.8 | 2.7 | 3.5 | 16.7 | 18.5 |
| 14:00 | 5.4 | 7.2 | 5.9 | 7.6 | 2.7 | 3.4 | 14.7 | 16.0 |
| 15:00 | 3.5 | 4.8 | 4.3 | 5.6 | 1.9 | 2.5 | 11.4 | 12.8 |
| 16:00 | 3.7 | 5.9 | 6.5 | 9.1 | 2.9 | 4.1 | 18.3 | 21.8 |
| 17:00 | 3.2 | 5.3 | 4.1 | 6.2 | 1.8 | 2.8 | 22.0 | 25.2 |
| 18:00 | .8 | 1.6 | 1.8 | 2.6 | .8 | 1.2 | 4.8 | 6.2 |
| 19:00 | .7 | 2.5 | 3.3 | 5.0 | 1.5 | 2.2 | 12.6 | 17.6 |
| 20:00 | 2.5 | 3.9 | 2.9 | 4.3 | 1.3 | 1.9 | 8.2 | 10.3 |
| 21:00 | 2.2 | 3.8 | 2.4 | 4.0 | 1.1 | 1.8 | 7.3 | 8.9 |
| 22:00 | 1.8 | 3.0 | 2.0 | 3.3 | .9 | 1.5 | 4.8 | 7.8 |
| 23:00 | 2.4 | 3.8 | 2.6 | 4.0 | 1.1 | 1.8 | 6.4 | 7.8 |
| Avg | 3.0 | 3.0 | 3.4 | 4.8 | 1.5 | 2.2 | 9.9 | 11.8 |
| Max | 7.1 | 9.8 | 7.5 | 10.1 | 3.3 | 4.5 | 22.0 | 25.2 |
| Hr. of Max | 11 | 11 | 11 | 11 | 11 | 11 | 17 | 17 |
| Min | .4 | .4 | .7 | .8 | .3 | .4 | 2.3 | 2.5 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |