Date Printed: 02/18/2015 05:34

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

# Daily Summary Report

Site: Tower "L" (1209)

2/17/2015

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 | -2.3 | -2.5 | 27.9 | 27.6 | -.2 | .1 | .00 | .00 | 29.05 |
| 01:00 | -3.6 | -3.7 | 25.5 | 25.3 | -.1 | .3 | .01 | .01 | 29.06 |
| 02:00 | -5.2 | -5.3 | 22.7 | 22.5 | -.1 | .0 | .00 | .00 | 29.09 |
| 03:00 | -6.2 | -6.3 | 20.8 | 20.6 | -.1 | .0 | .00 | .00 | 29.11 |
| 04:00 | -6.9 | -7.0 | 19.6 | 19.4 | -.1 | .0 | .00 | .00 | 29.13 |
| 05:00 | -7.8 | -7.8 | 18.0 | 17.9 | .0 | .0 | .00 | .00 | 29.15 |
| 06:00 | -8.4 | -8.4 | 16.9 | 16.8 | -.1 | .0 | .00 | .00 | 29.17 |
| 07:00 | -8.7 | -8.7 | 16.4 | 16.3 | -.1 | .0 | .00 | .00 | 29.19 |
| 08:00 | -8.8 | -9.0 | 16.1 | 15.9 | -.1 | .0 | .00 | .00 | 29.22 |
| 09:00 | -7.9 | -8.1 | 17.8 | 17.4 | -.2 | .0 | .00 | .00 | 29.25 |
| 10:00 | -7.1 | -7.3 | 19.3 | 18.9 | -.2 | .0 | .00 | .00 | 29.24 |
| 11:00 | -6.5 | -6.6 | 20.3 | 20.1 | -.2 | .0 | .00 | .00 | 29.24 |
| 12:00 | -5.3 | -5.5 | 22.4 | 22.0 | -.2 | .0 | .00 | .00 | 29.23 |
| 13:00 | -5.2 | -5.3 | 22.7 | 22.4 | -.2 | .0 | .00 | .00 | 29.21 |
| 14:00 | -4.8 | -4.9 | 23.4 | 23.1 | -.2 | .0 | .00 | .00 | 29.21 |
| 15:00 | -3.8 | -4.1 | 25.1 | 24.7 | -.2 | .0 | .00 | .00 | 29.20 |
| 16:00 | -3.2 | -3.5 | 26.2 | 25.8 | -.2 | .0 | .00 | .00 | 29.20 |
| 17:00 | -3.0 | -3.2 | 26.6 | 26.3 | -.2 | 1.3 | .05 | .05 | 29.21 |
| 18:00 | -3.4 | -3.4 | 25.9 | 25.9 | .0 | .0 | .00 | .00 | 29.22 |
| 19:00 | -3.9 | -3.9 | 25.0 | 25.1 | .0 | .0 | .00 | .00 | 29.22 |
| 20:00 | -4.8 | -4.5 | 23.4 | 23.9 | .2 | .0 | .00 | .00 | 29.22 |
| 21:00 | -5.5 | -5.3 | 22.1 | 22.5 | .2 | .0 | .00 | .00 | 29.22 |
| 22:00 | -6.4 | -6.2 | 20.5 | 20.9 | .2 | .0 | .00 | .00 | 29.23 |
| 23:00 | -6.8 | -6.5 | 19.8 | 20.3 | .3 | .0 | .00 | .00 | 29.23 |
| Avg | -5.6 | -5.7 | 21.9 | 21.7 | -.1 | .1 | .00 | .00 | 29.19 |
| Max | -2.3 | -2.5 | 27.9 | 27.6 | .3 | 1.3 | .05 | .05 | 29.25 |
| Hr. of Max | 00 | 00 | 00 | 00 | 23 | 17 | 17 | 17 | 09 |
| Min | -8.8 | -9.0 | 16.1 | 15.9 | -.2 | .0 | .00 | .00 | 29.05 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 02/18/2015 05:34

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

# Daily Summary Report

Site: Tower "L" (1209)

2/17/2015

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 | 983.7 | -3.2 | -.005 | 307 | 307 | 307 | 307 | 21 | 14 |
| 01:00 | 984.2 | -2.9 | -.004 | 301 | 301 | 301 | 301 | 22 | 15 |
| 02:00 | 985.2 | -2.7 | -.004 | 296 | 296 | 296 | 296 | 26 | 17 |
| 03:00 | 985.7 | -2.7 | -.004 | 295 | 295 | 295 | 295 | 19 | 13 |
| 04:00 | 986.4 | -2.8 | -.004 | 311 | 311 | 311 | 311 | 18 | 12 |
| 05:00 | 987.3 | -2.8 | -.004 | 294 | 294 | 294 | 294 | 18 | 12 |
| 06:00 | 988.0 | -2.9 | -.004 | 292 | 292 | 292 | 292 | 23 | 15 |
| 07:00 | 988.6 | 2.7 | .004 | 287 | 287 | 287 | 287 | 23 | 15 |
| 08:00 | 989.4 | 59.7 | .086 | 295 | 295 | 295 | 295 | 24 | 16 |
| 09:00 | 990.4 | 168.4 | .241 | 306 | 306 | 306 | 306 | 17 | 12 |
| 10:00 | 990.3 | 263.0 | .377 | 308 | 308 | 308 | 308 | 30 | 18 |
| 11:00 | 990.3 | 226.7 | .325 | 244 | 244 | 244 | 244 | 60 | 40 |
| 12:00 | 989.7 | 265.7 | .381 | 221 | 221 | 221 | 221 | 58 | 37 |
| 13:00 | 989.2 | 109.8 | .157 | 189 | 189 | 189 | 189 | 13 | 9 |
| 14:00 | 989.1 | 128.5 | .184 | 205 | 205 | 205 | 205 | 17 | 12 |
| 15:00 | 989.0 | 249.0 | .357 | 261 | 261 | 261 | 261 | 26 | 18 |
| 16:00 | 988.9 | 165.3 | .237 | 255 | 255 | 255 | 255 | 22 | 15 |
| 17:00 | 989.1 | 81.7 | .117 | 241 | 241 | 241 | 241 | 17 | 12 |
| 18:00 | 989.5 | .7 | .001 | 252 | 252 | 252 | 252 | 17 | 12 |
| 19:00 | 989.6 | -2.6 | -.004 | 216 | 216 | 216 | 216 | 21 | 14 |
| 20:00 | 989.6 | -2.3 | -.003 | 206 | 206 | 206 | 206 | 24 | 16 |
| 21:00 | 989.7 | -2.4 | -.003 | 204 | 204 | 204 | 204 | 28 | 20 |
| 22:00 | 989.7 | -2.7 | -.004 | 188 | 188 | 188 | 188 | 21 | 14 |
| 23:00 | 989.7 | -2.8 | -.004 | 182 | 182 | 182 | 182 | 22 | 15 |
| Avg | 988.4 | 70.4 | .101 | 258 | 258 | 0 | 0 | 24 | 16 |
| Max | 990.4 | 265.7 | .381 | 311 | 311 | 311 | 311 | 60 | 40 |
| Hr. of Max | 09 | 12 | 12 | 04 | 04 | 04 | 04 | 11 | 11 |
| Min | 983.7 | -3.2 | -.005 | 182 | 182 | 182 | 182 | 13 | 9 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 02/18/2015 05:34

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

# Daily Summary Report

Site: Tower "L" (1209)

2/17/2015

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 | -999.0 | -999.0 | 9.2 | 12.0 | 4.1 | 5.4 | 22.2 | 28.8 |
| 01:00 | -999.0 | -999.0 | 8.5 | 11.1 | 3.8 | 5.0 | 20.4 | 26.6 |
| 02:00 | -999.0 | -999.0 | 8.7 | 11.3 | 3.9 | 5.1 | 20.9 | 27.1 |
| 03:00 | -999.0 | -999.0 | 9.3 | 12.2 | 4.2 | 5.4 | 22.4 | 29.2 |
| 04:00 | -999.0 | -999.0 | 7.2 | 9.4 | 3.2 | 4.2 | 17.3 | 22.5 |
| 05:00 | -999.0 | -999.0 | 8.3 | 10.8 | 3.7 | 4.9 | 20.0 | 26.0 |
| 06:00 | -999.0 | -999.0 | 9.7 | 12.6 | 4.3 | 5.6 | 23.3 | 30.3 |
| 07:00 | -999.0 | -999.0 | 7.7 | 10.0 | 3.4 | 4.5 | 18.5 | 24.0 |
| 08:00 | -999.0 | -999.0 | 6.6 | 8.5 | 2.9 | 3.8 | 15.8 | 20.5 |
| 09:00 | -999.0 | -999.0 | 7.9 | 10.3 | 3.5 | 4.6 | 19.0 | 24.7 |
| 10:00 | -999.0 | -999.0 | 5.6 | 7.3 | 2.5 | 3.3 | 13.5 | 17.5 |
| 11:00 | -999.0 | -999.0 | 5.0 | 6.5 | 2.2 | 2.9 | 11.9 | 15.5 |
| 12:00 | -999.0 | -999.0 | 2.9 | 3.8 | 1.3 | 1.7 | 7.0 | 9.0 |
| 13:00 | -999.0 | -999.0 | 2.1 | 2.8 | 1.0 | 1.2 | 5.1 | 6.6 |
| 14:00 | -999.0 | -999.0 | 1.5 | 2.0 | .7 | .9 | 3.7 | 4.8 |
| 15:00 | -999.0 | -999.0 | 1.1 | 1.4 | .5 | .6 | 2.6 | 3.3 |
| 16:00 | -999.0 | -999.0 | 1.4 | 1.8 | .6 | .8 | 3.3 | 4.2 |
| 17:00 | -999.0 | -999.0 | 1.2 | 1.6 | .6 | .7 | 3.0 | 3.9 |
| 18:00 | -999.0 | -999.0 | 3.5 | 4.5 | 1.6 | 2.0 | 8.4 | 10.9 |
| 19:00 | -999.0 | -999.0 | 6.0 | 7.8 | 2.7 | 3.5 | 14.5 | 18.8 |
| 20:00 | -999.0 | -999.0 | 4.1 | 5.3 | 1.8 | 2.4 | 9.8 | 12.7 |
| 21:00 | -999.0 | -999.0 | 1.8 | 2.3 | .8 | 1.0 | 4.3 | 55.0 |
| 22:00 | -999.0 | -999.0 | 1.7 | 2.2 | .7 | 1.0 | 4.0 | 5.2 |
| 23:00 | -999.0 | -999.0 | 2.8 | 3.7 | 1.3 | 1.7 | 6.8 | 8.9 |
| Avg | .0 | .0 | 5.2 | 6.7 | 2.3 | 3.0 | 12.4 | 18.2 |
| Max | -999.0 | -999.0 | 9.7 | 12.6 | 4.3 | 5.6 | 23.3 | 55.0 |
| Hr. of Max | 23 | 23 | 06 | 06 | 06 | 06 | 06 | 21 |
| Min | -999.0 | -999.0 | 1.1 | 1.4 | .5 | .6 | 2.6 | 3.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |