Date Printed: 03/06/2015 08:22

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

# Daily Summary Report

Site: Tower "L" (1209)

3/5/2015

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 | 5.5 | 5.1 | 41.8 | 41.2 | -.4 | .3 | .01 | .01 | 29.17 |
| 01:00 | 4.8 | 4.4 | 40.6 | 39.9 | -.4 | .7 | .03 | .03 | 29.17 |
| 02:00 | 4.6 | 4.3 | 40.3 | 39.7 | -.3 | .2 | .01 | .01 | 29.15 |
| 03:00 | 4.1 | 3.8 | 39.3 | 38.8 | -.3 | 4.9 | .19 | .19 | 29.16 |
| 04:00 | 3.5 | 3.2 | 38.3 | 37.7 | -.4 | 2.1 | .08 | .08 | 29.18 |
| 05:00 | 3.6 | 3.2 | 38.4 | 37.7 | -.4 | 1.2 | .05 | .05 | 29.18 |
| 06:00 | 3.4 | 2.9 | 38.0 | 37.2 | -.5 | 1.1 | .04 | .04 | 29.20 |
| 07:00 | 3.0 | 2.5 | 37.4 | 36.6 | -.5 | .5 | .02 | .02 | 29.21 |
| 08:00 | 2.1 | 1.9 | 35.9 | 35.5 | -.2 | 3.5 | .14 | .14 | 29.25 |
| 09:00 | 1.4 | 1.1 | 34.5 | 34.0 | -.3 | 2.4 | .09 | .09 | 29.30 |
| 10:00 | .8 | .5 | 33.5 | 33.0 | -.3 | 3.3 | .13 | .13 | 29.31 |
| 11:00 | .2 | -.1 | 32.3 | 31.9 | -.2 | .8 | .03 | .03 | 29.32 |
| 12:00 | -.2 | -.3 | 31.7 | 31.4 | -.1 | .0 | .00 | .00 | 29.32 |
| 13:00 | -.4 | -.6 | 31.2 | 31.0 | -.1 | .0 | .00 | .00 | 29.34 |
| 14:00 | -1.1 P | -1.2 P | 30.1 P | 29.8 P | -.1 P | .0 | .00 | .00 | 29.37 P |
| 15:00 | -1.9 | -2.0 | 28.7 | 28.4 | -.1 | .0 | .00 | .00 | 29.43 |
| 16:00 | -2.2 | -2.3 | 28.0 | 27.8 | -.1 | .1 | .00 | .00 | 29.46 |
| 17:00 | -2.2 | -2.3 | 28.0 | 27.8 | -.1 | .3 | .01 | .01 | 29.50 |
| 18:00 | -2.1 | -2.2 | 28.1 | 28.0 | -.1 | .0 | .00 | .00 | 29.53 |
| 19:00 | -2.8 | -2.9 | 26.9 | 26.9 | .0 | .0 | .00 | .00 | 29.55 |
| 20:00 | -3.4 | -3.4 | 25.9 | 25.9 | .0 | .0 | .00 | .00 | 29.57 |
| 21:00 | -4.1 | -4.1 | 24.6 | 24.7 | .1 | .0 | .00 | .00 | 29.58 |
| 22:00 | -4.9 | -4.8 | 23.2 | 23.4 | .1 | .0 | .00 | .00 | 29.59 |
| 23:00 | -5.6 | -5.6 | 21.9 | 22.0 | .1 | .0 | .00 | .00 | 29.59 |
| Avg | .2 | .0 | 32.4 | 32.1 | -.2 | .9 | .03 | .03 | 29.35 |
| Max | 5.5 | 5.1 | 41.8 | 41.2 | .1 | 4.9 | .19 | .19 | 29.59 |
| Hr. of Max | 00 | 00 | 00 | 00 | 23 | 03 | 03 | 03 | 23 |
| Min | -5.6 | -5.6 | 21.9 | 22.0 | -.5 | .0 | .00 | .00 | 29.15 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209)

3/5/2015

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 | 987.9 | -3.2 | -.005 | 273 | 280 | 277 | 284 | 21 | 18 |
| 01:00 | 987.8 | -3.0 | -.004 | 306 | 308 | 307 | 309 | 20 | 15 |
| 02:00 | 987.2 | -2.3 | -.003 | 312 | 320 | 316 | 322 | 25 | 22 |
| 03:00 | 987.5 | -3.3 | -.005 | 312 | 315 | 308 | 311 | 28 | 22 |
| 04:00 | 988.2 | -3.3 | -.005 | 276 | 300 | 283 | 295 | 44 | 36 |
| 05:00 | 988.3 | -3.5 | -.005 | 290 | 2 | 307 | 8 | 67 | 75 |
| 06:00 | 989.0 | -3.5 | -.005 | 294 | 313 | 295 | 304 | 40 | 19 |
| 07:00 | 989.1 | .2 | .000 | 319 | 320 | 318 | 318 | 27 | 20 |
| 08:00 | 990.4 | 12.9 | .019 | 317 | 319 | 318 | 320 | 18 | 13 |
| 09:00 | 992.2 | 17.1 | .024 | 281 | 286 | 284 | 289 | 19 | 13 |
| 10:00 | 992.8 | 35.0 | .050 | 283 | 294 | 285 | 295 | 29 | 21 |
| 11:00 | 992.9 | 61.1 | .088 | 303 | 305 | 302 | 303 | 23 | 17 |
| 12:00 | 992.9 | 90.2 | .129 | 295 | 298 | 296 | 300 | 19 | 14 |
| 13:00 | 993.7 | 110.1 | .158 | 301 | 301 | 301 | 302 | 14 | 10 |
| 14:00 | 994.8 P | 70.4 P | .101 P | 294 P | 296 P | 294 P | 297 P | 14 P | 10 P |
| 15:00 | 996.5 | 47.1 | .068 | 290 | 292 | 291 | 294 | 16 | 12 |
| 16:00 | 997.7 | 36.1 | .052 | 308 | 309 | 309 | 309 | 15 | 12 |
| 17:00 | 999.0 | 15.3 | .022 | 3 | 357 | 3 | 356 | 15 | 13 |
| 18:00 | 999.9 | 15.9 | .023 | 353 | 350 | 357 | 353 | 18 | 15 |
| 19:00 | 1000.8 | -2.6 | -.004 | 357 | 354 | 357 | 353 | 18 | 11 |
| 20:00 | 1001.5 | -2.6 | -.004 | 10 | 6 | 15 | 10 | 17 | 12 |
| 21:00 | 1001.7 | -2.4 | -.004 | 33 | 31 | 32 | 31 | 11 | 9 |
| 22:00 | 1001.9 | -2.6 | -.004 | 44 | 41 | 40 | 40 | 17 | 13 |
| 23:00 | 1002.2 | -2.3 | -.003 | 94 | 88 | 91 | 83 | 25 | 19 |
| Avg | 994.0 | 19.9 | .028 | 316 | 324 | 0 | 0 | 23 | 18 |
| Max | 1002.2 | 110.1 | .158 | 357 | 357 | 357 | 356 | 67 | 75 |
| Hr. of Max | 23 | 13 | 13 | 19 | 17 | 19 | 17 | 05 | 05 |
| Min | 987.2 | -3.5 | -.005 | 3 | 2 | 3 | 8 | 11 | 9 |
| 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 | 1.9 | 2.4 | 2.1 | 2.6 | .9 | 1.1 | 5.7 | 6.6 |
| 01:00 | 3.5 | 5.1 | 3.9 | 5.5 | 1.8 | 2.5 | 10.8 | 11.4 |
| 02:00 | 2.4 | 3.4 | 2.9 | 3.8 | 1.3 | 1.7 | 8.5 | 8.2 |
| 03:00 | 3.5 | 4.8 | 4.9 | 6.3 | 2.2 | 2.8 | 10.3 | 13.5 |
| 04:00 | 2.1 | 2.6 | 2.7 | 3.1 | 1.2 | 1.4 | 8.2 | 9.4 |
| 05:00 | .7 | .8 | 1.6 | 1.8 | .7 | .8 | 6.2 | 7.3 |
| 06:00 | 1.8 | 2.6 | 2.0 | 2.8 | .9 | 1.2 | 6.9 | 8.0 |
| 07:00 | 2.7 | 4.0 | 3.3 | 4.4 | 1.5 | 2.0 | 9.6 | 13.3 |
| 08:00 | 4.7 | 6.8 | 4.9 | 7.1 | 2.2 | 3.2 | 10.1 | 11.9 |
| 09:00 | 4.1 | 5.6 | 4.4 | 5.7 | 2.0 | 2.6 | 10.8 | 11.4 |
| 10:00 | 2.5 | 3.0 | 2.9 | 3.4 | 1.3 | 1.5 | 7.6 | 9.6 |
| 11:00 | 4.2 | 5.5 | 4.6 | 5.8 | 2.1 | 2.6 | 12.6 | 14.0 |
| 12:00 | 5.6 | 7.2 | 5.9 | 7.5 | 2.7 | 3.3 | 15.3 | 16.5 |
| 13:00 | 8.5 | 11.6 | 8.8 | 11.8 | 3.9 | 5.3 | 16.0 | 21.5 |
| 14:00 | 6.9 P | 9.4 P | 7.1 P | 9.6 P | 3.2 P | 4.3 P | < | < |
| 15:00 | 6.2 | 8.3 | 6.5 | 8.5 | 2.9 | 3.8 | 14.4 | 16.5 |
| 16:00 | 5.6 | 7.5 | 5.9 | 7.8 | 2.6 | 3.5 | 12.1 | 14.0 |
| 17:00 | 4.2 | 5.4 | 4.8 | 5.9 | 2.1 | 2.7 | 12.1 | 12.1 |
| 18:00 | 5.8 | 7.7 | 6.3 | 8.1 | 2.8 | 3.6 | 14.7 | 15.6 |
| 19:00 | 6.5 | 9.2 | 6.9 | 9.4 | 3.1 | 4.2 | 13.1 | 15.3 |
| 20:00 | 5.0 | 6.5 | 5.4 | 7.0 | 2.4 | 3.1 | 11.7 | 13.5 |
| 21:00 | 4.0 | 5.0 | 4.1 | 5.1 | 1.8 | 2.3 | 6.9 | 7.8 |
| 22:00 | 2.3 | 3.4 | 2.4 | 3.5 | 1.1 | 1.6 | 5.0 | 6.6 |
| 23:00 | 1.5 | 3.3 | 1.6 | 3.4 | .7 | 1.5 | 6.2 | 8.7 |
| Avg | 3.4 | 3.4 | 4.4 | 5.8 | 2.0 | 2.6 | 10.2 | 11.9 |
| Max | 8.5 | 11.6 | 8.8 | 11.8 | 3.9 | 5.3 | 16.0 | 21.5 |
| Hr. of Max | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| Min | .7 | .8 | 1.6 | 1.8 | .7 | .8 | 5.0 | 6.6 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 |
| Total | | | | | | | | |