Date Printed: 01/04/2017 01:15

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

# Daily Summary Report

Site: Tower "L" (1209)

1/3/2017

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 | 13.2 | 13.9 | 55.8 | 57.0 | .7 | .0 | .00 | .00 | 29.00 |
| 01:00 | 12.7 | 13.4 | 54.9 | 56.1 | .7 | .1 | .00 | .00 | 29.00 |
| 02:00 | 12.1 | 12.7 | 53.9 | 54.8 | .5 | .2 | .01 | .01 | 29.01 |
| 03:00 | 11.9 | 12.8 | 53.4 | 55.0 | .9 | .0 | .00 | .00 | 29.00 |
| 04:00 | 12.6 | 13.3 | 54.7 | 56.0 | .7 | .1 | .00 | .00 | 28.99 |
| 05:00 | 14.3 | 14.6 | 57.8 | 58.3 | .3 | .0 | .00 | .00 | 28.98 |
| 06:00 | 14.3 | 14.4 | 57.7 | 58.0 | .2 | .3 | .01 | .01 | 28.97 |
| 07:00 | 14.3 | 14.4 | 57.7 | 57.9 | .1 | .0 | .00 | .00 | 28.97 |
| 08:00 | 14.3 | 14.4 | 57.7 | 57.9 | .1 | .2 | .01 | .01 | 28.98 |
| 09:00 | 14.6 | 14.6 | 58.2 | 58.3 | .0 | .0 | .00 | .00 | 28.98 |
| 10:00 | 14.7 | 14.7 | 58.5 | 58.5 | .0 | .1 | .00 | .00 | 29.01 |
| 11:00 | 15.2 | 15.2 | 59.4 | 59.4 | .0 | .0 | .00 | .00 | 29.00 |
| 12:00 | 16.2 | 15.8 | 61.2 | 60.5 | -.4 | .0 | .00 | .00 | 28.97 |
| 13:00 | 17.2 | 16.7 | 63.0 | 62.1 | -.5 | .0 | .00 | .00 | 28.94 |
| 14:00 | 17.5 | 17.4 | 63.5 | 63.3 | -.1 | .0 | .00 | .00 | 28.93 |
| 15:00 | 17.3 | 17.0 | 63.2 | 62.6 | -.3 | .8 | .03 | .03 | 28.93 |
| 16:00 | 15.8 | 15.8 | 60.4 | 60.5 | .1 | 1.6 | .06 | .06 | 28.94 |
| 17:00 | 15.4 | 15.5 | 59.8 | 59.9 | .1 | 2.0 | .08 | .08 | 28.94 |
| 18:00 | 15.4 | 15.6 | 59.8 | 60.0 | .1 | .0 | .00 | .00 | 28.95 |
| 19:00 | 15.0 | 15.2 | 59.1 | 59.4 | .2 | .0 | .00 | .00 | 28.96 |
| 20:00 | 14.7 | 14.9 | 58.5 | 58.8 | .2 | .0 | .00 | .00 | 28.96 |
| 21:00 | 14.4 | 14.6 | 57.9 | 58.3 | .2 | .0 | .00 | .00 | 28.96 |
| 22:00 | 14.0 | 14.3 | 57.2 | 57.8 | .3 | 1.2 | .05 | .05 | 28.97 |
| 23:00 | 13.0 | 13.4 | 55.4 | 56.1 | .4 | .0 | .00 | .00 | 28.99 |
| Avg | 14.6 | 14.8 | 58.3 | 58.6 | .2 | .3 | .01 | .01 | 28.97 |
| Max | 17.5 | 17.4 | 63.5 | 63.3 | .9 | 2.0 | .08 | .08 | 29.01 |
| Hr. of Max | 14 | 14 | 14 | 14 | 03 | 17 | 17 | 17 | 10 |
| Min | 11.9 | 12.7 | 53.4 | 54.8 | -.5 | .0 | .00 | .00 | 28.93 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209)

1/3/2017

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 | 982.1 | -3.1 | -.004 | 334 | 341 | 344 | 341 | 41 | 33 |
| 01:00 | 982.1 | -3.3 | -.005 | 133 | 190 | 142 | 195 | 51 | 26 |
| 02:00 | 982.3 | -3.8 | -.005 | 128 | 213 | 162 | 221 | 31 | 32 |
| 03:00 | 982.1 | -4.1 | -.006 | 339 | 232 | 100 | 214 | 48 | 57 |
| 04:00 | 981.8 | -3.7 | -.005 | 201 | 219 | 202 | 219 | 41 | 16 |
| 05:00 | 981.4 | -3.9 | -.006 | 216 | 211 | 214 | 210 | 18 | 14 |
| 06:00 | 981.1 | -3.8 | -.005 | 211 | 209 | 210 | 209 | 17 | 14 |
| 07:00 | 981.2 | -3.3 | -.005 | 227 | 224 | 227 | 224 | 16 | 15 |
| 08:00 | 981.3 | 13.1 | .019 | 217 | 214 | 217 | 215 | 16 | 13 |
| 09:00 | 981.6 | 65.6 | .094 | 226 | 225 | 226 | 225 | 16 | 14 |
| 10:00 | 982.3 | 81.6 | .117 | 225 | 223 | 225 | 223 | 15 | 14 |
| 11:00 | 982.1 | 129.8 | .186 | 226 | 224 | 225 | 223 | 15 | 14 |
| 12:00 | 981.1 | 112.1 | .161 | 241 | 240 | 240 | 240 | 16 | 15 |
| 13:00 | 980.2 | 319.2 | .458 | 242 | 241 | 243 | 241 | 23 | 21 |
| 14:00 | 979.8 | 202.7 | .291 | 224 | 225 | 224 | 225 | 16 | 13 |
| 15:00 | 979.9 | 79.3 | .114 | 240 | 236 | 240 | 236 | 19 | 18 |
| 16:00 | 980.1 | 23.1 | .033 | 236 | 233 | 234 | 232 | 16 | 13 |
| 17:00 | 980.2 | -1.0 | -.001 | 271 | 260 | 271 | 260 | 19 | 15 |
| 18:00 | 980.3 | -3.8 | -.005 | 229 | 230 | 230 | 230 | 17 | 14 |
| 19:00 | 980.7 | -3.2 | -.005 | 231 | 236 | 232 | 237 | 15 | 13 |
| 20:00 | 980.8 | -3.3 | -.005 | 224 | 226 | 225 | 227 | 14 | 13 |
| 21:00 | 980.8 | -3.1 | -.004 | 215 | 225 | 215 | 225 | 12 | 11 |
| 22:00 | 981.1 | -3.4 | -.005 | 245 | 250 | 250 | 255 | 16 | 13 |
| 23:00 | 981.7 | -3.5 | -.005 | 304 | 302 | 311 | 307 | 16 | 13 |
| Avg | 981.2 | 40.7 | .058 | 232 | 232 | 0 | 0 | 22 | 18 |
| Max | 982.3 | 319.2 | .458 | 339 | 341 | 344 | 341 | 51 | 57 |
| Hr. of Max | 10 | 13 | 13 | 03 | 00 | 00 | 00 | 01 | 03 |
| Min | 979.8 | -4.1 | -.006 | 128 | 190 | 100 | 195 | 12 | 11 |
| 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 | .8 | 2.2 | 2.0 | 2.8 | .9 | 1.3 | 5.3 | 7.1 |
| 01:00 | .7 | 1.5 | 1.2 | 1.7 | .5 | .8 | 3.7 | 4.1 |
| 02:00 | .5 | 2.0 | 1.6 | 2.5 | .7 | 1.1 | 4.6 | 5.9 |
| 03:00 | .1 | .8 | 1.0 | 1.6 | .5 | .7 | 3.4 | 5.2 |
| 04:00 | 1.4 | 4.5 | 1.7 | 4.7 | .8 | 2.1 | 7.6 | 10.9 |
| 05:00 | 5.6 | 8.1 | 5.9 | 8.4 | 2.6 | 3.7 | 13.3 | 19.2 |
| 06:00 | 4.9 | 7.0 | 5.1 | 7.2 | 2.3 | 3.2 | 11.0 | 15.7 |
| 07:00 | 4.0 | 5.8 | 4.1 | 5.9 | 1.9 | 2.7 | 11.7 | 12.8 |
| 08:00 | 4.2 | 6.3 | 4.3 | 6.5 | 1.9 | 2.9 | 11.4 | 14.1 |
| 09:00 | 4.7 | 6.5 | 4.9 | 6.8 | 2.2 | 3.0 | 11.9 | 14.6 |
| 10:00 | 5.0 | 6.6 | 5.2 | 6.8 | 2.3 | 3.1 | 12.4 | 15.5 |
| 11:00 | 4.5 | 5.9 | 4.6 | 6.1 | 2.1 | 2.7 | 10.5 | 12.3 |
| 12:00 | 4.2 | 5.5 | 4.7 | 6.0 | 2.1 | 2.7 | 9.8 | 13.0 |
| 13:00 | 4.2 | 5.4 | 4.6 | 5.7 | 2.0 | 2.6 | 13.7 | 15.7 |
| 14:00 | 6.4 | 7.8 | 6.6 | 8.0 | 3.0 | 3.6 | 14.0 | 16.0 |
| 15:00 | 5.1 | 6.6 | 5.4 | 7.0 | 2.4 | 3.1 | 13.7 | 16.2 |
| 16:00 | 4.2 | 5.8 | 4.5 | 6.0 | 2.0 | 2.7 | 13.3 | 18.7 |
| 17:00 | 2.0 | 3.3 | 2.1 | 3.4 | .9 | 1.5 | 6.2 | 7.7 |
| 18:00 | 5.2 | 7.2 | 5.4 | 7.4 | 2.4 | 3.3 | 16.7 | 20.5 |
| 19:00 | 4.6 | 6.4 | 4.8 | 6.6 | 2.1 | 3.0 | 10.5 | 12.8 |
| 20:00 | 5.0 | 6.6 | 5.1 | 6.8 | 2.3 | 3.0 | 10.5 | 13.5 |
| 21:00 | 4.5 | 6.5 | 4.6 | 6.7 | 2.1 | 3.0 | 9.4 | 11.6 |
| 22:00 | 4.2 | 6.4 | 4.9 | 7.2 | 2.2 | 3.2 | 13.1 | 15.7 |
| 23:00 | 7.7 | 10.9 | 8.5 | 11.7 | 3.8 | 5.2 | 21.8 | 25.6 |
| Avg | 3.9 | 3.9 | 4.3 | 6.0 | 1.9 | 2.7 | 10.8 | 13.5 |
| Max | 7.7 | 10.9 | 8.5 | 11.7 | 3.8 | 5.2 | 21.8 | 25.6 |
| Hr. of Max | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| Min | .1 | .8 | 1.0 | 1.6 | .5 | .7 | 3.4 | 4.1 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |