Date Printed: 11/9/2017 06:38

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

# Daily Summary Report

Site: Tower "L" (1209)

11/8/2017

Interval: 001h

| | 01_TempC_002m | 02_TempC_015m | 03_TempC_030m | 04_TempF_002m | 05_TempF_015m | 06_TempF_030m | 07_DT0215 | 08_DT1530 | 10_SonicTemp_030m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGC | DEGF | DEGF | DEGF | DEGC | DEGC | DEGC |
| 00:00 | 10.2 | 10.1 | 10.0 | 50.3 | 50.1 | 50.0 | -.10 | -.09 | 11.6 |
| 01:00 | 10.1 | 9.9 | 9.8 | 50.1 | 49.9 | 49.7 | -.17 | -.10 | 11.4 |
| 02:00 | 9.7 | 9.5 | 9.4 | 49.4 | 49.1 | 48.9 | -.17 | -.09 | 11.0 |
| 03:00 | 9.4 | 9.2 | 9.1 | 48.8 | 48.5 | 48.4 | -.18 | -.09 | 10.6 |
| 04:00 | 9.3 | 9.1 | 9.1 | 48.8 | 48.4 | 48.3 | -.17 | -.07 | 10.6 |
| 05:00 | 8.7 | 8.6 | 8.4 | 47.6 | 47.4 | 47.1 | -.13 | -.14 | 9.8 |
| 06:00 | 8.4 | 8.3 | 8.0 | 47.1 | 47.0 | 46.5 | -.05 | -.26 | 9.5 |
| 07:00 | 8.4 | 8.3 | 8.0 | 47.1 | 47.0 | 46.5 | -.03 | -.30 | 9.5 |
| 08:00 | 8.8 | 8.7 | 8.4 | 47.8 | 47.6 | 47.1 | -.11 | -.26 | 9.9 |
| 09:00 | 9.1 | 9.0 | 8.8 | 48.5 | 48.1 | 47.9 | -.19 | -.13 | 10.2 |
| 10:00 | 9.3 | 9.1 | 9.0 | 48.9 | 48.3 | 48.2 | -.20 | -.08 | 10.4 |
| 11:00 | 9.1 | 8.9 | 8.5 | 48.4 | 48.0 | 47.3 | -.23 | -.37 | 10.0 |
| 12:00 | 11.1 | 9.5 | 9.3 | 52.0 | 49.2 | 48.7 | -.60 | -.24 | 10.8 |
| 13:00 | 10.8 | 10.4 | 10.2 | 56.1 | 50.7 | 50.4 | -.40 | -.14 | 11.7 |
| 14:00 | 11.0 | 10.6 | 10.5 | 51.8 | 51.1 | 50.9 | -.40 | -.12 | 12.0 |
| 15:00 | 11.2 | 10.7 | 10.7 | 52.2 | 51.2 | 51.2 | -.50 | -.06 | 12.2 |
| 16:00 | 10.6 | 10.3 | 10.3 | 51.0 | 50.6 | 50.5 | -.30 | -.02 | 11.8 |
| 17:00 | 10.3 | 10.2 | 10.2 | 50.5 | 50.3 | 50.3 | -.14 | .01 | 11.7 |
| 18:00 | 9.8 | 9.8 | 9.8 | 49.6 | 49.6 | 49.6 | -.04 | .00 | 11.3 |
| 19:00 | 9.0 | 9.0 | 9.0 | 48.2 | 48.2 | 48.2 | .03 | .00 | 10.4 |
| 20:00 | 8.7 | 8.8 | 8.8 | 47.7 | 47.8 | 47.8 | .06 | .00 | 10.2 |
| 21:00 | 8.9 | 9.0 | 9.0 | 48.0 | 48.1 | 48.1 | .08 | .01 | 10.4 |
| 22:00 | 8.8 | 8.8 | 8.8 | 47.8 | 47.9 | 47.9 | .06 | .01 | 10.2 |
| 23:00 | 8.7 | 8.8 | 8.8 | 47.7 | 47.9 | 47.9 | .07 | .02 | 10.2 |
| Avg | 9.6 | 9.4 | 9.2 | 49.4 | 48.8 | 48.6 | -.16 | -.10 | 10.7 |
| Max | 11.2 | 10.7 | 10.7 | 56.1 | 51.2 | 51.2 | .08 | .02 | 12.2 |
| Hr. of Max | 15 | 15 | 15 | 13 | 15 | 15 | 21 | 23 | 15 |
| Min | 8.4 | 8.3 | 8.0 | 47.1 | 47.0 | 46.5 | -.60 | -.37 | 9.5 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209)

11/8/2017

Interval: 001h

| | 13_RH_002m | 21_Precip_mm | 22_Precip_In | 23_BarPres_In | 24_BarPres_Mb | 25_Solar_Rad_Wm2 | 26_Solar_Rad_Lang | 28_WDir_030m | 30_VWDir_030m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | PERCENT | INCHES | INCHES | INHG | KPa | W/M2 | Langleys | DEG | DEG |
| 00:00 | 84.3 | .0 | .00 | 29.33 | 993.3 | .0 | -.001 | 52.1 | 52.8 |
| 01:00 | 84.2 | .0 | .00 | 29.33 | 993.2 | .0 | -.001 | 316.4 | 338.0 |
| 02:00 | 85.7 | .0 | .00 | 29.34 | 993.5 | .0 | -.001 | 111.2 | 86.0 |
| 03:00 | 87.5 | .0 | .00 | 29.34 | 993.5 | .0 | -.001 | 29.9 | 23.8 |
| 04:00 | 85.0 | .0 | .00 | 29.34 | 993.5 | .0 | -.001 | 12.5 | 13.7 |
| 05:00 | 88.7 | .0 | .00 | 29.35 | 994.1 | .0 | -.001 | 6.9 | 1.3 |
| 06:00 | 91.4 | .2 | .01 | 29.37 | 994.5 | .0 | -.001 | 308.2 | 308.4 |
| 07:00 | 91.8 | .0 | .00 | 29.38 | 995.0 | 9.0 | .010 | 334.7 | 327.1 |
| 08:00 | 90.6 | .0 | .00 | 29.38 | 995.1 | 52.1 | .070 | 63.4 | 62.9 |
| 09:00 | 85.3 | .0 | .00 | 29.39 | 995.4 | 111.6 | .160 | 40.7 | 41.7 |
| 10:00 | 80.8 | .0 | .00 | 29.40 | 995.5 | 151.8 | .220 | .4 | 348.7 |
| 11:00 | 82.5 | .0 | .00 | 29.40 | 995.7 | 137.3 | .200 | 326.2 | 325.6 |
| 12:00 | 83.6 | .0 | .00 | 29.37 | 994.7 | 193.3 | .280 | 39.9 | 43.3 |
| 13:00 | 74.3 | .0 | .00 | 29.35 | 994.0 | 187.9 | .270 | 86.1 | 82.9 |
| 14:00 | 72.1 | .0 | .00 | 29.35 | 993.9 | 142.3 | .200 | 73.6 | 73.5 |
| 15:00 | 73.4 | .0 | .00 | 29.36 | 994.2 | 85.0 | .120 | 52.8 | 51.3 |
| 16:00 | 75.0 | .0 | .00 | 29.37 | 994.4 | 11.2 | .016 | 60.2 | 61.0 |
| 17:00 | 77.6 | .0 | .00 | 29.37 | 994.7 | 2.5 | .004 | 51.6 | 48.7 |
| 18:00 | 77.4 | .0 | .00 | 29.37 | 994.7 | -.5 | -.001 | 8.3 | 19.6 |
| 19:00 | 81.3 | .0 | .00 | 29.38 | 995.0 | -.4 | -.001 | 309.1 | 310.7 |
| 20:00 | 82.2 | .0 | .00 | 29.37 | 994.6 | -.4 | -.001 | 335.3 | 336.2 |
| 21:00 | 82.8 | .0 | .00 | 29.37 | 994.5 | -.4 | -.001 | 33.8 | 30.2 |
| 22:00 | 80.4 | .0 | .00 | 29.36 | 994.4 | -.4 | -.001 | 73.4 + | 63.2 + |
| 23:00 | 80.5 | .0 | .00 | 29.36 | 994.2 | -.4 | -.001 | 70.9 | 70.6 |
| Avg | 82.4 | .0 | .00 | 29.36 | 994.4 | 45.1 | .064 | 28.0 | .0 |
| Max | 91.8 | .2 | .01 | 29.40 | 995.7 | 193.3 | .280 | 335.3 | 348.7 |
| Hr. of Max | 07 | 06 | 06 | 11 | 11 | 12 | 12 | 20 | 10 |
| Min | 72.1 | .0 | .00 | 29.33 | 993.2 | -.5 | -.001 | .4 | 1.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209)

11/8/2017

Interval: 001h

| | 32_Sigma_030m | 34_RWSpd_030m | 36_WSpd_030m | 38_WSpdms_030m | 40_WElev_030m | 42_VSSpd_030m | 48_PkWsH_030m | 50_SigPhi_030m |
|---|---|---|---|---|---|---|---|---|
| Hour | DEG | MPH | MPH | M/SEC | DEG | MPH | MPH | DEG |
| 00:00 | 24.8 | 4.1 | 4.4 | 2.0 | -.2 | -.13 | 11.1 | 13.1 |
| 01:00 | 50.2 | .7 | 2.4 | 1.1 | -4.3 | -.22 | 5.7 | 20.1 |
| 02:00 | 32.5 | 1.6 | 3.5 | 1.5 | 5.4 | .16 | 8.3 | 16.4 |
| 03:00 | 26.4 | 3.1 | 3.4 | 1.5 | -4.8 | -.24 | 8.4 | 14.3 |
| 04:00 | 34.6 | 2.4 | 3.5 | 1.6 | .0 | -.05 | 8.5 | 13.6 |
| 05:00 | 24.5 | 2.2 | 3.2 | 1.4 | -.9 | -.08 | 6.4 | 11.2 |
| 06:00 | 26.2 | 3.4 | 3.6 | 1.6 | 3.1 | .11 | 8.1 | 12.0 |
| 07:00 | 30.3 | 1.8 | 2.2 | 1.0 | 1.9 | -.02 | 5.1 | 19.1 |
| 08:00 | 59.1 | 1.5 | 2.0 | .9 | .6 | .02 | 6.4 | 20.2 |
| 09:00 | 19.7 | 4.2 | 4.4 | 2.0 | -1.1 | -.20 | 8.7 | 14.7 |
| 10:00 | 28.0 | 2.7 | 3.5 | 1.6 | 3.2 | .09 | 8.7 | 20.1 |
| 11:00 | 11.9 | 5.0 | 5.1 | 2.3 | .3 | -.04 | 10.9 | 11.4 |
| 12:00 | 20.4 | 3.0 | 3.8 | 1.7 | 2.9 | .08 | 7.9 | 20.0 |
| 13:00 | 17.0 | 5.6 | 5.7 | 2.6 | -.8 | -.29 | 13.1 | 16.6 |
| 14:00 | 12.5 | 6.6 | 6.7 | 3.0 | -1.4 | -.30 | 11.7 | 10.5 |
| 15:00 | 16.0 | 6.2 | 6.4 | 2.9 | .2 | -.13 | 12.1 | 12.7 |
| 16:00 | 11.8 | 6.2 | 6.3 | 2.8 | -1.4 | -.26 | 12.4 | 10.1 |
| 17:00 | 14.9 | 4.1 | 4.3 | 1.9 | .3 | -.10 | 9.2 | 12.2 |
| 18:00 | 24.9 | 1.4 | 3.3 | 1.5 | -.1 | -.05 | 6.1 | 10.1 |
| 19:00 | 10.3 | 4.5 | 4.8 | 2.2 | .3 | -.03 | 9.0 | 7.8 |
| 20:00 | 13.6 | 3.0 | 3.1 | 1.4 | .3 | -.01 | 7.7 | 8.6 |
| 21:00 | 21.6 | 2.6 | 2.8 | 1.3 | 2.4 | .03 | 7.1 | 13.5 |
| 22:00 | 22.4 | 3.1 | 3.5 | 1.6 | -1.1 | -.14 | 9.5 | 14.4 |
| 23:00 | 21.9 | 2.5 | 2.8 | 1.3 | -1.0 | -.09 | 6.5 | 13.0 |
| Avg | 24.0 | 3.4 | 3.9 | 1.8 | .2 | -.08 | 8.7 | 14.0 |
| Max | 59.1 | 6.6 | 6.7 | 3.0 | 5.4 | .16 | 13.1 | 20.2 |
| Hr. of Max | 08 | 14 | 14 | 14 | 02 | 02 | 13 | 08 |
| Min | 10.3 | .7 | 2.0 | .9 | -4.8 | -.30 | 5.1 | 7.8 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |