Date Printed: 10/1/2017 01:20

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

# Daily Summary Report

Site: Tower "L" (1209)

9/30/2017

Interval: 001h

| | 02_TempC_015m | 05_TempF_015m | )9_SonicTemp_030m | 21_Precip_mm | 23_BarPres_In | 24_BarPres_Mb | 25_Solar_Rad_Wm2 | 26_Solar_Rad_Lang | 28_WDir_030m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGF | DEGC | INCHES | INHG | KPa | W/M2 | Langleys | DEG |
| 00:00 | 12.0 | 53.7 | 14.8 | .0 | 29.22 | 989.5 | -5.0 | -.007 | 166.2 |
| 01:00 | 11.4 | 52.5 | 14.2 | .0 | 29.22 | 989.6 | -4.8 | -.007 | 56.1 |
| 02:00 | 11.1 | 51.9 | 13.7 | .0 | 29.22 | 989.7 | -4.7 | -.007 | 246.0 |
| 03:00 | 10.5 | 50.8 | 13.2 | .0 | 29.22 | 989.7 | -4.7 | -.007 | 258.0 |
| 04:00 | 10.3 | 50.5 | 13.0 | .0 | 29.23 | 989.9 | -5.1 | -.007 | 22.9 |
| 05:00 | 10.0 | 49.9 | 12.6 | .0 | 29.24 | 990.1 | -5.0 | -.007 | 324.4 |
| 06:00 | 9.6 | 49.3 | 12.4 | .0 | 29.24 | 990.4 | -5.1 | -.007 | 9.7 |
| 07:00 | 9.7 | 49.5 | 12.3 | .0 | 29.25 | 990.6 | 2.3 | .003 | 8.3 |
| 08:00 | 10.5 | 50.9 | 13.1 | .0 | 29.26 | 990.9 | 127.3 | .183 | 286.1 |
| 09:00 | 14.0 | 57.2 | 16.3 | .0 | 29.27 | 991.4 | 260.8 | .374 | 46.0 |
| 10:00 | 17.2 | 63.0 | 18.7 | .0 | 29.29 | 991.8 | 362.5 | .520 | 59.8 |
| 11:00 | 19.1 | 66.4 | 20.1 | .0 | 29.29 | 991.9 | 591.8 | .849 | 58.0 |
| 12:00 | 20.8 | 69.4 | 21.3 | .0 | 29.28 | 991.7 | 821.9 | 1.179 | 55.5 |
| 13:00 | 22.2 | 71.9 | 22.3 | .0 | 29.27 | 991.2 | 707.7 | 1.015 | 50.5 |
| 14:00 | 22.9 | 73.1 | 22.9 | .0 | 29.25 | 990.6 | 745.2 | 1.069 | 43.9 |
| 15:00 | 23.2 | 73.7 | 23.1 | .0 | 29.24 | 990.1 | 627.1 | .899 | 33.8 |
| 16:00 | 23.0 | 73.4 | 23.2 | .0 | 29.23 | 990.0 | 461.2 | .661 | 29.2 |
| 17:00 | 22.9 | 73.3 | 23.2 | .0 | 29.23 | 989.9 | 403.3 | .578 | 34.8 |
| 18:00 | 21.5 | 70.7 | 22.1 | .0 | 29.23 | 990.0 | 161.4 | .232 | 39.9 |
| 19:00 | 19.3 | 66.8 | 20.8 | .0 | 29.24 | 990.1 | 6.2 | .009 | 39.5 |
| 20:00 | 15.8 | 60.5 | 19.1 | .0 | 29.24 | 990.3 | -3.7 | -.005 | 69.3 |
| 21:00 | 14.6 | 58.3 | 18.1 | .0 | 29.25 | 990.6 | -4.4 | -.006 | 66.5 |
| 22:00 | 15.6 | 60.1 | 17.8 | .0 | 29.26 | 990.8 | -5.4 | -.008 | 60.8 |
| 23:00 | 15.6 | 60.2 | 17.6 | .0 | 29.26 | 990.9 | -5.5 | -.008 | 63.4 |
| Avg | 16.0 | 60.7 | 17.7 | .0 | 29.25 | 990.5 | 217.7 | .312 | 37.0 |
| Max | 23.2 | 73.7 | 23.2 | .0 | 29.29 | 991.9 | 821.9 | 1.179 | 324.4 |
| Hr. of Max | 15 | 15 | 17 | 23 | 11 | 11 | 12 | 12 | 05 |
| Min | 9.6 | 49.3 | 12.3 | .0 | 29.22 | 989.5 | -5.5 | -.008 | 8.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "L" (1209)

9/30/2017

Interval: 001h

| | 30_VWDir_030m | 32_Sigma_030m | 34_RWSpd_030m | 36_WSpd_030m | 38_WSpdms_030m | 39_WElev_030m | 40_VSSpd_030m | 46_PkWsH_030m |
|---|---|---|---|---|---|---|---|---|
| Hour | DEG | DEG | MPH | MPH | M/SEC | DEG | MPH | MPH |
| 00:00 | 193.0 | 40.8 | .5 | .8 | .4 | 7.8 | .00 | 2.2 |
| 01:00 | 60.4 | 37.9 | .2 | .7 | .3 | 7.7 | -.02 | 1.7 |
| 02:00 | 206.9 | 36.4 | .2 | .6 | .3 | 9.0 | -.01 | 1.5 |
| 03:00 | 255.4 | 55.0 | .3 | .6 | .3 | 12.7 | .00 | 1.7 |
| 04:00 | 23.5 | 48.5 | .3 | 1.0 | .5 | 14.2 | -.04 | 3.0 |
| 05:00 | 339.1 | 54.1 | .4 | .6 | .3 | 12.1 | -.01 | 2.4 |
| 06:00 | 9.3 | 14.9 | 1.7 | 1.8 | .8 | 7.7 | -.04 | 3.6 |
| 07:00 | 13.1 | 48.9 | 1.1 | 1.4 | .6 | 10.2 | -.03 | 3.3 |
| 08:00 | 287.2 | 38.7 | .9 | 1.2 | .5 | 16.7 | -.01 | 2.7 |
| 09:00 | 59.0 | 41.3 | 3.6 | 4.5 | 2.0 | 19.8 | -.23 | 17.1 |
| 10:00 | 59.2 | 11.2 | 11.2 | 11.4 | 5.1 | 9.2 | -.71 | 21.2 |
| 11:00 | 57.4 | 13.2 | 11.7 | 12.0 | 5.4 | 11.3 | -.25 | 22.4 |
| 12:00 | 55.9 | 11.8 | 13.9 | 14.4 | 6.4 | 10.0 | -.79 | 27.1 |
| 13:00 | 50.1 | 16.4 | 13.2 | 13.9 | 6.2 | 10.4 | -.45 | 25.4 |
| 14:00 | 43.7 | 19.3 | 11.8 | 12.6 | 5.6 | 10.7 | -.33 | 20.8 |
| 15:00 | 32.9 | 16.2 | 12.2 | 12.7 | 5.7 | 9.6 | -.48 | 23.6 |
| 16:00 | 28.1 | 14.4 | 12.4 | 12.8 | 5.7 | 9.5 | -.50 | 24.1 |
| 17:00 | 34.3 | 14.0 | 12.7 | 13.1 | 5.9 | 9.0 | -.40 | 22.0 |
| 18:00 | 39.6 | 12.4 | 11.2 | 11.5 | 5.1 | 9.3 | -.35 | 21.5 |
| 19:00 | 38.4 | 12.9 | 8.5 | 8.6 | 3.9 | 9.0 | -.10 | 16.3 |
| 20:00 | 68.7 | 9.9 | 5.2 | 5.2 | 2.3 | 6.2 | .09 | 11.3 |
| 21:00 | 65.2 | 8.3 | 6.6 | 6.6 | 3.0 | 6.5 | .07 | 12.1 |
| 22:00 | 60.6 | 7.0 | 8.2 | 8.3 | 3.7 | 5.8 | -.32 | 13.6 |
| 23:00 | 63.4 | 8.4 | 9.7 | 9.8 | 4.4 | 7.1 | -.48 | 18.3 |
| Avg | 47.3 | 24.7 | 6.3 | 6.9 | 3.1 | 10.1 | -.22 | 13.3 |
| Max | 339.1 | 55.0 | 13.9 | 14.4 | 6.4 | 19.8 | .09 | 27.1 |
| Hr. of Max | 05 | 03 | 12 | 12 | 12 | 09 | 20 | 12 |
| Min | 9.3 | 7.0 | .2 | .6 | .3 | 5.8 | -.79 | 1.5 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |