Date Printed: 9/15/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

9/14/2018

Interval: 001h

| | 01_TempC_002m | 02_TempC_015m | 03_TempC_035m | 04_TempC_060m | 05_TempF_002m | 06_TempF_015m | 07_TempF_035m | 08_TempF_060m | 09_VTGrad_0215m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGC | DEGC | DEGF | DEGF | DEGF | DEGF | DEGC |
| 00:00 | 21.6 | 22.3 | 22.4 | 22.7 | 70.9 | 72.1 | 72.4 | 72.8 | .68 |
| 01:00 | 21.2 | 22.0 | 22.1 | 22.5 | 70.2 | 71.6 | 71.9 | 72.5 | .80 |
| 02:00 | 21.0 | 21.9 | 22.0 | 22.4 | 69.8 | 71.4 | 71.7 | 72.2 | .92 |
| 03:00 | 20.7 | 21.7 | 22.0 | 22.6 | 69.3 | 71.0 | 71.6 | 72.6 | .93 |
| 04:00 | 20.4 | 21.4 | 21.6 | 22.0 | 68.8 | 70.6 | 71.0 | 71.5 | 1.03 |
| 05:00 | 20.5 | 21.4 | 21.5 | 21.7 | 68.8 | 70.6 | 70.7 | 71.1 | .97 |
| 06:00 | 20.6 | 21.5 | 21.6 | 21.8 | 69.1 | 70.8 | 70.9 | 71.2 | .95 |
| 07:00 | 20.8 | 21.6 | 21.6 | 21.9 | 69.4 | 70.8 | 70.9 | 71.4 | .78 |
| 08:00 | 22.4 | 22.6 | 22.5 | 22.7 | 72.4 | 72.7 | 72.5 | 72.9 | .16 |
| 09:00 | 25.1 | 24.8 | 24.6 | 24.5 | 77.1 | 76.5 | 76.2 | 76.1 | -.33 |
| 10:00 | 27.0 | 26.3 | 25.9 | 25.7 | 80.6 | 79.3 | 78.6 | 78.3 | -.74 |
| 11:00 | 28.6 | 27.5 | 27.1 | 26.9 | 83.4 | 81.6 | 80.8 | 80.5 | -1.02 |
| 12:00 | 30.2 | 29.1 | 28.7 | 28.4 | 86.3 | 84.3 | 83.6 | 83.2 | -1.09 |
| 13:00 | 31.6 | 30.5 | 30.1 | 29.8 | 88.9 | 87.0 | 86.1 | 85.7 | -1.05 |
| 14:00 | 32.6 | 31.5 | 31.0 | 30.7 | 90.7 | 88.7 | 87.8 | 87.3 | -1.15 |
| 15:00 | 32.7 | 31.8 | 31.3 | 31.1 | 90.9 | 89.2 | 88.4 | 88.0 | -.97 |
| 16:00 | 32.7 | 32.0 | 31.6 | 31.4 | 90.9 | 89.5 | 88.8 | 88.5 | -.78 |
| 17:00 | 31.7 | 31.3 | 31.0 | 30.9 | 89.0 | 88.3 | 87.8 | 87.6 | -.42 |
| 18:00 | 29.7 | 30.3 | 30.3 | 30.3 | 85.5 | 86.5 | 86.5 | 86.5 | .52 |
| 19:00 | 27.0 | 28.9 | 29.3 | 29.5 | 80.6 | 84.0 | 84.7 | 85.0 | 1.94 |
| 20:00 | 25.0 | 26.8 | 28.2 | 28.5 | 77.0 | 80.3 | 82.7 | 83.3 | 1.80 |
| 21:00 | 23.7 | 25.6 | 26.6 | 27.4 | 74.6 | 78.2 | 79.8 | 81.2 | 1.98 |
| 22:00 | 22.9 | 25.0 | 25.9 | 26.5 | 73.2 | 77.1 | 78.6 | 79.7 | 2.16 |
| 23:00 | 22.5 | 24.7 | 25.4 | 25.9 | 72.4 | 76.5 | 77.7 | 78.7 | 2.27 |
| Avg | 25.5 | 25.9 | 26.0 | 26.2 | 77.9 | 78.7 | 78.8 | 79.1 | .43 |
| Max | 32.7 | 32.0 | 31.6 | 31.4 | 90.9 | 89.5 | 88.8 | 88.5 | 2.27 |
| Hr. of Max | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 23 |
| Min | 20.4 | 21.4 | 21.5 | 21.7 | 68.8 | 70.6 | 70.7 | 71.1 | -1.15 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 9/15/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

9/14/2018

Interval: 001h

| | 10_VTGrad_0235m | 11_VTGrad_0260m | 12_VTGrad_1535m | 13_VTGrad_1560m | 14_DewPtC_002m | 15_DewPtC_015m | 16_DewPtF_002m | 17_DewPtF_015m | 17a_WBulbC |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGC | DEGC | DEGC | DEGC | DEGF | DEGF | DEGC |
| 00:00 | .84 | 1.08 | .16 | .40 | 20.9 | 21.5 | 69.6 | 70.7 | 21.8 |
| 01:00 | .93 | 1.29 | .13 | .49 | 20.5 | 21.3 | 68.9 | 70.3 | 21.5 |
| 02:00 | 1.04 | 1.36 | .12 | .44 | 20.3 | 21.2 | 68.5 | 70.1 | 21.4 |
| 03:00 | 1.29 | 1.84 | .36 | .90 | 20.0 | 20.9 | 68.1 | 69.7 | 21.2 |
| 04:00 | 1.22 | 1.54 | .19 | .52 | 19.8 | 20.7 | 67.6 | 69.3 | 21.0 |
| 05:00 | 1.06 | 1.26 | .09 | .29 | 19.8 | 20.7 | 67.6 | 69.3 | 21.0 |
| 06:00 | 1.00 | 1.17 | .04 | .21 | 19.9 | 20.9 | 67.9 | 69.6 | 21.1 |
| 07:00 | .85 | 1.10 | .07 | .31 | 20.1 | 20.9 | 68.3 | 69.6 | 21.1 |
| 08:00 | .06 | .31 | -.10 | .15 | 21.6 | 21.7 | 70.9 | 71.1 | 22.0 |
| 09:00 | -.53 | -.58 | -.20 | -.25 | 20.6 | 20.3 | 69.2 | 68.6 | 21.8 |
| 10:00 | -1.12 | -1.28 | -.38 | -.54 | 20.0 | 19.3 | 68.0 | 66.8 | 21.6 |
| 11:00 | -1.44 | -1.63 | -.42 | -.61 | 19.6 | 18.7 | 67.3 | 65.6 | 21.6 |
| 12:00 | -1.51 | -1.73 | -.42 | -.64 | 19.5 | 18.5 | 67.1 | 65.3 | 22.0 |
| 13:00 | -1.52 | -1.76 | -.47 | -.71 | 18.8 | 17.9 | 65.9 | 64.2 | 22.1 |
| 14:00 | -1.63 | -1.89 | -.48 | -.75 | 19.1 | 18.1 | 66.4 | 64.6 | 22.6 |
| 15:00 | -1.42 | -1.66 | -.45 | -.69 | 19.4 | 18.5 | 66.8 | 65.3 | 22.9 |
| 16:00 | -1.17 | -1.37 | -.39 | -.59 | 18.9 | 18.2 | 66.0 | 64.7 | 22.8 |
| 17:00 | -.69 | -.79 | -.27 | -.37 | 19.6 | 19.2 | 67.3 | 66.6 | 23.2 |
| 18:00 | .53 | .55 | .01 | .03 | 20.1 | 20.6 | 68.2 | 69.1 | 23.8 |
| 19:00 | 2.30 | 2.49 | .37 | .56 | 21.0 | 22.8 | 69.8 | 73.1 | |
| 20:00 | 3.14 | 3.49 | 1.35 | 1.70 | 21.3 | 23.0 | 70.3 | 73.4 | |
| 21:00 | 2.91 | 3.69 | .93 | 1.71 | 21.0 | 22.9 | 69.8 | 73.2 | |
| 22:00 | 3.00 | 3.62 | .84 | 1.46 | 20.7 | 22.8 | 69.3 | 73.1 | 23.6 |
| 23:00 | 2.94 | 3.46 | .67 | 1.19 | 20.7 | 22.9 | 69.3 | 73.2 | 23.5 |
| Avg | .50 | .65 | .07 | .22 | 20.1 | 20.6 | 68.3 | 69.0 | 22.1 |
| Max | 3.14 | 3.69 | 1.35 | 1.71 | 21.6 | 23.0 | 70.9 | 73.4 | 23.8 |
| Hr. of Max | 20 | 21 | 20 | 21 | 08 | 20 | 08 | 20 | 18 |
| Min | -1.63 | -1.89 | -.48 | -.75 | 18.8 | 17.9 | 65.9 | 64.2 | 21.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 21 |
| Total | | | | | | | | | |

Date Printed: 9/15/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

9/14/2018

Interval: 001h

| | 18_SoilTempC | 19_RH_002m | 20_RH_015m | 21_AbsHum_002m | 22_AbsHum_015m | 23_Mix Ratio_002m | 24_Mix Ratio_015m | 5_Sat Mix Ratio_002 | 5_Sat Mix Ratio_015 |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | PERCENT | PERCENT | G/M3 | G/M3 | COUNT | COUNT | COUNT | COUNT |
| 00:00 | 21.1 | 98.0 | 98.0 | 18.2 | 18.9 | 0.015992 | 0.016668 | 0.016312 | 0.017001 |
| 01:00 | 20.9 | 98.0 | 98.0 | 17.8 | 18.6 | 0.015609 | 0.016392 | 0.015926 | 0.016725 |
| 02:00 | 20.4 | 98.1 | 98.1 | 17.6 | 18.5 | 0.015421 | 0.016311 | 0.015713 | 0.016621 |
| 03:00 | 20.2 | 98.2 | 98.2 | 17.3 | 18.3 | 0.015178 | 0.016073 | 0.015457 | 0.016368 |
| 04:00 | 19.9 | 98.3 | 98.3 | 17.0 | 18.1 | 0.014907 | 0.015881 | 0.015172 | 0.016163 |
| 05:00 | 19.9 R | 98.4 | 98.4 | 17.1 | 18.1 | 0.014955 | 0.015872 | 0.015203 | 0.016135 |
| 06:00 | 20.3 R | 98.5 | 98.5 | 17.2 | 18.2 | 0.015088 | 0.015999 | 0.015325 | 0.01625 |
| 07:00 | 19.5 | 98.6 | 98.6 | 17.4 | 18.2 | 0.015279 | 0.01603 | 0.015498 | 0.01626 |
| 08:00 | 19.2 | 97.5 | 97.5 | 19.0 | 19.1 | 0.016739 | 0.016895 | 0.017181 | 0.017338 |
| 09:00 | 19.8 | 78.6 | 78.6 | 17.8 | 17.4 | 0.015802 | 0.015493 | 0.020129 | 0.019733 |
| 10:00 | 19.7 | 67.4 | 67.4 | 17.0 | 16.3 | 0.01519 | 0.014541 | 0.02256 | 0.021594 |
| 11:00 | 19.5 | 60.1 | 60.1 | 16.5 | 15.6 | 0.014856 | 0.013997 | 0.024709 | 0.023284 |
| 12:00 | 19.3 | 54.5 | 84.5 | 16.3 | 15.4 | 0.01478 | 0.013876 | 0.027119 | 0.025465 |
| 13:00 | 19.6 | 48.4 | 48.4 | 15.7 | 14.8 | 0.014229 | 0.013396 | 0.029436 | 0.027716 |
| 14:00 | 19.8 | 46.4 | 46.4 | 15.9 | 15.0 | 0.014503 | 0.013587 | 0.031265 | 0.029297 |
| 15:00 | 20.9 | 46.8 | 46.8 | 16.1 | 15.3 | 0.014725 | 0.013936 | 0.031467 | 0.029787 |
| 16:00 | 20.8 | 45.4 | 45.4 | 15.6 | 15.0 | 0.014282 | 0.013661 | 0.031479 | 0.030112 |
| 17:00 | 21.0 | 50.4 | 50.4 | 16.4 | 16.0 | 0.014944 | 0.014584 | 0.029656 | 0.028944 |
| 18:00 | 21.2 | 58.3 | 58.3 | 17.0 | 17.5 | 0.015412 | 0.015902 | 0.02652 | 0.027312 |
| 19:00 | 21.4 | 72.1 | 72.1 | 18.1 | 20.1 | 0.016238 | 0.018199 | 0.022606 | 0.025288 |
| 20:00 | 21.6 | 82.1 | 82.1 | 18.5 | 20.4 | 0.016491 | 0.018352 | 0.020103 | 0.022377 |
| 21:00 | 21.4 | 87.2 | 87.2 | 18.2 | 20.3 | 0.016163 | 0.018196 | 0.018538 | 0.020867 |
| 22:00 | 20.9 | 90.0 | 90.0 | 18.0 | 20.3 | 0.015915 | 0.018123 | 0.017676 | 0.020127 |
| 23:00 | 20.4 | 92.3 | 92.3 | 18.0 | 20.4 | 0.015899 | 0.018235 | 0.017222 | 0.019753 |
| Avg | 20.4 | 77.7 | 78.9 | 17.2 | 17.7 | 0.015358 | 0.015842 | 0.021345 | 0.021688 |
| Max | 21.6 | 98.6 | 98.6 | 19.0 | 20.4 | 0.016739 | 0.018352 | 0.031479 | 0.030112 |
| Hr. of Max | 20 | 07 | 07 | 08 | 23 | 08 | 20 | 16 | 16 |
| Min | 19.2 | 45.4 | 45.4 | 15.6 | 14.8 | 0.014229 | 0.013396 | 0.015172 | 0.016135 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 9/15/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

9/14/2018

Interval: 001h

| | 27_VaporPr_002m | 28_VaporPr_015m | 9_Sat Vapor_Pr_002 | )_Sat Vapor_Pr_015 | 34_Precip_In | 36_BarPres_In | 37_BarPres_Mb | 38_SolarRad_Wm2 | 39_SolarRad_Lang |
|---|---|---|---|---|---|---|---|---|---|
| Hour | KPa | KPa | KPa | KPa | INCHES | INHG | KPa | W/M2 | Langleys |
| 00:00 | 24.7 | 25.8 | 25.9 | 27.0 | .00 | 29.14 | 986.8 | -1.3 | .00 |
| 01:00 | 24.2 | 25.3 | 25.3 | 26.5 | .00 | 29.13 | 986.7 | -1.3 | .00 |
| 02:00 | 23.9 | 25.2 | 24.9 | 26.4 | .00 | 29.13 | 986.4 | -1.4 | .00 |
| 03:00 | 23.5 | 24.8 | 24.5 | 26.0 | .00 | 29.13 | 986.4 | -1.3 | .00 |
| 04:00 | 23.1 | 24.6 | 24.1 | 25.6 | .00 | 29.13 | 986.3 | -1.4 | .00 |
| 05:00 | 23.2 | 24.5 | 24.1 | 25.6 | .00 | 29.12 | 986.3 | -1.4 | .00 |
| 06:00 | 23.4 | 24.7 | 24.3 | 25.8 | .00 | 29.13 | 986.5 | -1.3 | .00 |
| 07:00 | 23.7 | 24.8 | 24.6 | 25.8 | .00 | 29.14 | 987.0 | 24.1 | .03 |
| 08:00 | 25.9 | 26.1 | 27.3 | 27.5 | .00 | 29.14 | 987.0 | 206.4 | .30 |
| 09:00 | 24.4 | 24.0 | 31.9 | 31.3 | .00 | 29.14 | 986.9 | 421.7 | .60 |
| 10:00 | 23.5 | 22.5 | 35.8 | 34.3 | .00 | 29.14 | 987.0 | 628.7 | .90 |
| 11:00 | 23.0 | 21.7 | 39.2 | 36.9 | .00 | 29.14 | 986.7 | 781.9 | 1.12 |
| 12:00 | 22.9 | 21.5 | 43.0 | 40.4 | .00 | 29.12 | 986.1 | 875.9 | 1.26 |
| 13:00 | 22.0 | 20.8 | 46.6 | 43.9 | .00 | 29.09 | 985.3 | 912.1 | 1.31 |
| 14:00 | 22.4 | 21.0 | 49.5 | 46.4 | .00 | 29.07 | 984.4 | 888.5 | 1.27 |
| 15:00 | 22.8 | 21.6 | 49.8 | 47.1 | .00 | 29.06 | 984.2 | 780.5 | 1.12 |
| 16:00 | 22.1 | 21.1 | 49.8 | 47.6 | .00 | 29.05 | 983.8 | 639.7 | .92 |
| 17:00 | 23.1 | 22.5 | 46.9 | 45.8 | .00 | 29.04 | 983.6 | 275.1 | .39 |
| 18:00 | 23.8 | 24.5 | 41.9 | 43.2 | .00 | 29.05 | 983.7 | 130.0 | .19 |
| 19:00 | 25.0 | 28.0 | 35.8 | 40.0 | .00 | 29.05 | 983.7 | 21.2 | .03 |
| 20:00 | 25.4 | 28.2 | 31.8 | 35.4 | .00 | 29.05 | 983.8 | -1.2 | .00 |
| 21:00 | 24.9 | 28.0 | 29.3 | 33.0 | .00 | 29.06 | 984.3 | -1.3 | .00 |
| 22:00 | 24.6 | 27.9 | 28.0 | 31.9 | .00 | 29.07 | 984.5 | -1.3 | .00 |
| 23:00 | 24.5 | 28.0 | 27.3 | 31.3 | .00 | 29.08 | 984.7 | -1.3 | .00 |
| Avg | 23.8 | 24.5 | 33.8 | 34.4 | .00 | 29.10 | 985.5 | 273.8 | .39 |
| Max | 25.9 | 28.2 | 49.8 | 47.6 | .00 | 29.14 | 987.0 | 912.1 | 1.31 |
| Hr. of Max | 08 | 20 | 16 | 16 | 23 | 11 | 10 | 13 | 13 |
| Min | 22.0 | 20.8 | 24.1 | 25.6 | .00 | 29.04 | 983.6 | -1.4 | .00 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 9/15/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

9/14/2018

Interval: 001h

| | 41_WDir_035m | 42_WDir_060m | 44_VWDir_035m | 45_VWDir_060m | 46_SWDir_015m | 47_SWDir_060m | 48_VSWDir_015m | 49_VSWDir_060m | 51_Sigma_035m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEG | DEG | DEG | DEG | DEG | DEG | DEG | DEG | DEG |
| 00:00 | 68.4 | 86.0 | 70.2 | 89.8 | 12.8 | 84.2 | 22.3 | 81.7 | 11.2 |
| 01:00 | 18.3 | 6.1 | 30.3 | 3.6 | 339.7 | 355.3 | 347.6 | 352.9 | 45.5 |
| 02:00 | 66.3 | 39.6 | 65.4 | 39.0 | 19.6 | 29.5 | 20.2 | 28.9 | 10.1 |
| 03:00 | 47.6 | 37.5 | 46.3 | 37.8 | 27.8 | 25.8 | 29.4 | 26.0 | 17.2 |
| 04:00 | 62.0 | 58.5 | 60.8 | 59.3 | 19.8 | 49.5 | 21.9 | 50.2 | 11.7 |
| 05:00 | 59.6 | 60.7 | 56.7 | 60.8 | 56.2 | 51.1 | 46.6 | 51.2 | 12.7 |
| 06:00 | 50.5 | 54.9 | 50.6 | 55.3 | 40.2 | 44.8 | 42.7 | 45.1 | 12.8 |
| 07:00 | 57.6 | 62.0 | 57.0 | 61.7 | 46.4 | 52.4 | 44.9 | 52.1 | 11.9 |
| 08:00 | 73.2 | 57.7 | 74.3 | 56.5 | 70.1 | 48.0 | 75.6 | 46.7 | 13.4 |
| 09:00 | 64.9 | 61.3 | 61.0 | 59.6 | 63.3 | 51.8 | 60.9 | 50.0 | 17.5 |
| 10:00 | 65.6 | 60.9 | 66.2 | 61.4 | 71.5 | 51.5 | 73.4 | 51.8 | 21.1 |
| 11:00 | 68.7 | 62.0 | 67.6 | 60.4 | 76.1 | 52.3 | 77.8 | 50.7 | 25.4 |
| 12:00 | 52.6 | 48.6 | 52.5 | 48.8 | 52.0 | 38.3 | 56.0 | 38.4 | 24.6 |
| 13:00 | 46.7 | 48.4 | 50.3 | 49.5 | 51.4 | 37.7 | 58.3 | 38.9 | 29.1 |
| 14:00 | 70.6 | 66.8 | 73.5 | 68.4 | 74.9 | 57.7 | 77.0 | 59.1 | 24.8 |
| 15:00 | 67.0 | 64.7 | 68.8 | 65.6 | 70.1 | 55.1 | 72.9 | 56.0 | 23.2 |
| 16:00 | 52.9 | 51.2 | 52.1 | 51.9 | 52.8 | 40.7 | 55.0 | 41.1 | 21.7 |
| 17:00 | 36.4 | 36.3 | 37.1 | 36.6 | 35.3 | 24.3 | 35.0 | 24.4 | 18.9 |
| 18:00 | 35.7 | 36.1 | 35.2 | 35.6 | 24.9 | 24.1 | 25.0 | 23.5 | 14.5 |
| 19:00 | 33.4 | 36.9 | 33.2 | 36.8 | 28.3 | 24.4 | 27.8 | 24.3 | 8.3 |
| 20:00 | 25.3 | 26.8 | 25.2 | 26.9 | 354.8 | 13.8 | 348.9 | 13.9 | 7.2 |
| 21:00 | 46.0 | 33.5 | 45.8 | 33.9 | 100.5 | 21.2 | 84.5 | 21.5 | 16.0 |
| 22:00 | 68.3 | 41.9 | 66.3 | 42.4 | 71.2 | 30.6 | 55.4 | 31.1 | 10.7 |
| 23:00 | 62.2 | 53.3 | 61.6 | 52.1 | 56.4 | 43.2 | 59.1 | 41.9 | 22.3 |
| Avg | 54.0 | 49.0 | .0 | .0 | 46.0 | 39.0 | .0 | .0 | 18.0 |
| Max | 73.2 | 86.0 | 74.3 | 89.8 | 354.8 | 355.3 | 348.9 | 352.9 | 45.5 |
| Hr. of Max | 08 | 00 | 08 | 00 | 20 | 01 | 20 | 01 | 01 |
| Min | 18.3 | 6.1 | 25.2 | 3.6 | 12.8 | 13.8 | 20.2 | 13.9 | 7.2 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 9/15/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

9/14/2018

Interval: 001h

| | 52_Sigma_060m | 53_SSigma_015m | 54_SSigma_060m | 56_RWSpd_035m | 57_RWSpd_060m | 59_WSpd_035m | 60_WSpd_060m | 62_WSpdms_035m | 63_WSpdms_060m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEG | DEG | DEG | MPH | MPH | MPH | MPH | M/SEC | M/SEC |
| 00:00 | 45.7 | 46.2 | 23.7 | 1.9 | 2.0 | 2.0 | 2.2 | .9 | 1.0 |
| 01:00 | 21.1 | 62.0 | 20.2 | 1.1 | 2.6 | 1.3 | 2.7 | .6 | 1.2 |
| 02:00 | 14.7 | 15.9 | 15.7 | 1.9 | 2.3 | 1.9 | 2.4 | .9 | 1.1 |
| 03:00 | 8.4 | 21.4 | 10.0 | 1.7 | 3.2 | 1.8 | 3.3 | .8 | 1.5 |
| 04:00 | 7.8 | 24.0 | 8.8 | 2.1 | 2.9 | 2.2 | 2.9 | 1.0 | 1.3 |
| 05:00 | 7.3 | 25.1 | 7.6 | 2.6 | 4.4 | 2.8 | 4.4 | 1.2 | 2.0 |
| 06:00 | 7.3 | 27.9 | 7.7 | 3.1 | 4.8 | 3.2 | 4.8 | 1.4 | 2.2 |
| 07:00 | 6.9 | 25.3 | 7.1 | 4.0 | 6.2 | 4.1 | 6.3 | 1.8 | 2.8 |
| 08:00 | 11.5 | 22.3 | 11.6 | 3.0 | 4.5 | 3.1 | 4.7 | 1.4 | 2.1 |
| 09:00 | 14.5 | 26.1 | 14.9 | 5.7 | 6.8 | 6.0 | 7.0 | 2.7 | 3.1 |
| 10:00 | 15.6 | 26.2 | 15.5 | 6.7 | 8.6 | 7.2 | 8.9 | 3.2 | 4.0 |
| 11:00 | 22.7 | 31.6 | 22.1 | 5.3 | 6.2 | 5.9 | 6.6 | 2.6 | 2.9 |
| 12:00 | 21.9 | 40.8 | 21.4 | 5.7 | 7.0 | 6.2 | 7.4 | 2.8 | 3.3 |
| 13:00 | 22.2 | 41.4 | 23.8 | 7.7 | 9.6 | 8.6 | 10.2 | 3.8 | 4.6 |
| 14:00 | 20.2 | 26.3 | 19.9 | 7.8 | 9.5 | 8.4 | 9.9 | 3.7 | 4.4 |
| 15:00 | 17.9 | 27.6 | 17.8 | 9.1 | 11.4 | 9.8 | 11.9 | 4.4 | 5.3 |
| 16:00 | 15.7 | 32.3 | 15.3 | 8.6 | 10.8 | 9.3 | 11.4 | 4.2 | 5.1 |
| 17:00 | 13.6 | 47.8 | 14.1 | 7.7 | 9.8 | 8.1 | 10.0 | 3.6 | 4.5 |
| 18:00 | 11.2 | 35.8 | 11.6 | 5.9 | 7.7 | 6.1 | 7.8 | 2.7 | 3.5 |
| 19:00 | 6.5 | 26.6 | 6.9 | 5.2 | 7.2 | 5.3 | 7.2 | 2.4 | 3.2 |
| 20:00 | 5.8 | 35.9 | 5.9 | 5.0 | 7.3 | 5.1 | 7.3 | 2.3 | 3.3 |
| 21:00 | 8.6 | 53.9 | 9.3 | 2.7 | 5.8 | 2.8 | 5.9 | 1.3 | 2.6 |
| 22:00 | 9.8 | 55.1 | 10.6 | 2.6 | 4.5 | 2.7 | 4.6 | 1.2 | 2.1 |
| 23:00 | 10.7 | 53.3 | 11.3 | 3.6 | 5.7 | 3.9 | 5.9 | 1.7 | 2.6 |
| Avg | 14.5 | 34.6 | 13.9 | 3.9 | 3.9 | 4.9 | 6.5 | 2.2 | 2.9 |
| Max | 45.7 | 62.0 | 23.8 | 9.1 | 11.4 | 9.8 | 11.9 | 4.4 | 5.3 |
| Hr. of Max | 00 | 01 | 13 | 15 | 15 | 15 | 15 | 15 | 15 |
| Min | 5.8 | 15.9 | 5.9 | 1.1 | 2.0 | 1.3 | 2.2 | .6 | 1.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 9/15/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

9/14/2018

Interval: 001h

| | 64_RSSpd_015m | 65_RSSpd_060m | 66_HSSpd_015m | 67_HSSpd_060m | 68_HSSpdms_015m | 69_HSSpdms_060m | 70_WElev_015m | 71_WElev_060m | 72_VSSpd_015m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | MPH | MPH | MPH | MPH | M/SEC | M/SEC | DEG | DEG | MPH |
| 00:00 | 1.4 | 2.2 | 1.7 | 2.5 | .8 | 1.1 | -.6 | 1.6 | -.04 |
| 01:00 | .4 | 2.8 | 1.1 | 3.0 | .5 | 1.3 | 1.5 | 1.9 | .02 |
| 02:00 | 1.7 | 2.5 | 1.7 | 2.7 | .8 | 1.2 | -.7 | .4 | -.05 |
| 03:00 | 1.3 | 3.4 | 1.4 | 3.5 | .6 | 1.5 | 1.6 | 2.6 | .02 |
| 04:00 | 1.3 | 3.1 | 1.4 | 3.1 | .6 | 1.4 | 1.8 | .1 | .01 |
| 05:00 | 1.4 | 4.6 | 1.6 | 4.6 | .7 | 2.1 | -1.3 | -2.0 | -.10 |
| 06:00 | 1.6 | 5.0 | 1.8 | 5.1 | .8 | 2.3 | -1.4 | -1.7 | -.11 |
| 07:00 | 1.8 | 6.5 | 2.0 | 6.5 | .9 | 2.9 | -2.0 | -1.2 | -.13 |
| 08:00 | 2.4 | 4.8 | 2.6 | 4.9 | 1.2 | 2.2 | -1.3 | -.3 | -.07 |
| 09:00 | 3.8 | 7.1 | 4.3 | 7.4 | 1.9 | 3.3 | -.7 | .9 | -.28 |
| 10:00 | 5.5 | 9.1 | 5.9 | 9.4 | 2.7 | 4.2 | 2.7 | 3.4 | .17 |
| 11:00 | 4.5 | 6.7 | 5.1 | 7.2 | 2.3 | 3.2 | .7 | 5.4 | -.10 |
| 12:00 | 4.2 | 7.6 | 5.0 | 8.1 | 2.2 | 3.6 | -2.4 | -.6 | -.42 |
| 13:00 | 5.5 | 10.2 | 6.8 | 10.9 | 3.0 | 4.9 | -2.0 | 2.0 | -.39 |
| 14:00 | 6.9 | 10.2 | 7.4 | 10.7 | 3.3 | 4.8 | 1.8 | 5.9 | .09 |
| 15:00 | 7.3 | 12.0 | 8.0 | 12.5 | 3.6 | 5.6 | .4 | 3.5 | -.15 |
| 16:00 | 5.8 | 11.3 | 6.9 | 12.0 | 3.1 | 5.4 | -1.6 | .5 | -.49 |
| 17:00 | 4.0 | 10.3 | 5.0 | 10.6 | 2.2 | 4.7 | -.3 | -.6 | -.39 |
| 18:00 | 2.9 | 8.1 | 3.3 | 8.3 | 1.5 | 3.7 | -3.3 | -.2 | -.40 |
| 19:00 | 1.8 | 7.5 | 2.0 | 7.5 | .9 | 3.4 | -2.3 | -.6 | -.18 |
| 20:00 | 1.3 | 7.6 | 1.6 | 7.7 | .7 | 3.4 | -3.7 | .8 | -.16 |
| 21:00 | .7 | 6.1 | 1.0 | 6.2 | .4 | 2.8 | 3.7 | 3.8 | .07 |
| 22:00 | .6 | 4.7 | 1.1 | 4.8 | .5 | 2.2 | 2.3 | 1.2 | .04 |
| 23:00 | 1.2 | 5.9 | 1.8 | 6.1 | .8 | 2.7 | .0 | -.4 | -.02 |
| Avg | 3.5 | 3.5 | 3.4 | 6.9 | 1.5 | 3.1 | -.3 | 1.1 | -.13 |
| Max | 7.3 | 12.0 | 8.0 | 12.5 | 3.6 | 5.6 | 3.7 | 5.9 | .17 |
| Hr. of Max | 15 | 15 | 15 | 15 | 15 | 15 | 21 | 14 | 10 |
| Min | .4 | 2.2 | 1.0 | 2.5 | .4 | 1.1 | -3.7 | -2.0 | -.49 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 9/15/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

9/14/2018

Interval: 001h

| | 73_VSSpd_060m | 80_PkWsH_035m | 81_PkWsH_060m | 82_SPkWsH_015m | 84_SigPhi_015m | 85_SigPhi_060m | 86_SonicTemp_015m | 87_SonicTemp_060m |
|---|---|---|---|---|---|---|---|---|
| Hour | MPH | MPH | MPH | MPH | DEG | DEG | DEGC | DEGC |
| 00:00 | .09 | 4.4 | 5.0 | 4.7 | 9.3 | 7.2 | 23.8 | 24.0 |
| 01:00 | .12 | 4.4 | 5.5 | 3.3 | 14.2 | 7.2 | 23.5 | 23.8 |
| 02:00 | .01 | 4.1 | 4.8 | 3.0 | 6.9 | 5.5 | 23.3 | 23.6 |
| 03:00 | .14 | 5.0 | 7.8 | 2.8 | 9.4 | 4.0 | 23.1 | 23.8 |
| 04:00 | -.01 | 4.4 | 5.3 | 3.1 | 9.9 | 3.3 | 22.8 | 23.2 |
| 05:00 | -.18 | 6.2 | 8.7 | 4.3 | 12.1 | 4.6 | 22.8 | 22.9 |
| 06:00 | -.17 | 8.2 | 11.2 | 4.3 | 13.3 | 5.1 | 22.9 | 22.9 |
| 07:00 | -.15 | 8.0 | 12.4 | 5.8 | 13.9 | 4.6 | 23.0 | 23.0 |
| 08:00 | -.05 | 6.2 | 10.3 | 6.3 | 13.9 | 7.4 | 24.1 | 24.0 |
| 09:00 | -.02 | 14.4 | 14.9 | 11.4 | 20.0 | 12.4 | 26.2 | 25.6 |
| 10:00 | .29 | 15.6 | 15.8 | 15.7 | 18.9 | 14.0 | 27.6 | 26.7 |
| 11:00 | .48 | 13.1 | 22.9 | 11.8 | 21.0 | 18.2 | 28.7 | 27.8 |
| 12:00 | -.19 | 14.4 | 15.1 | 12.7 | 22.4 | 16.6 | 30.2 | 29.2 |
| 13:00 | -.01 | 20.8 | 20.8 | 19.3 | 21.2 | 16.6 | 31.5 | 30.4 |
| 14:00 | .82 | 19.5 | 20.6 | 18.5 | 19.1 | 15.8 | 32.4 | 31.3 |
| 15:00 | .56 | 21.8 | 22.0 | 21.4 | 19.3 | 11.8 | 32.7 | 31.6 |
| 16:00 | -.12 | 18.8 | 22.4 | 19.4 | 20.1 | 12.8 | 32.9 | 31.9 |
| 17:00 | -.25 | 20.8 | 22.2 | 20.0 | 24.7 | 10.5 | 32.4 | 31.6 |
| 18:00 | -.12 | 13.1 | 16.7 | 11.7 | 21.4 | 8.9 | 31.4 | 31.1 |
| 19:00 | -.09 | 12.6 | 14.2 | | 19.3 | 4.8 | 30.2 | 30.4 |
| 20:00 | .08 | 11.2 | 18.5 | | 16.6 | 4.4 | 28.0 | 29.4 |
| 21:00 | .35 | 6.4 | 13.3 | | 14.9 | 7.3 | 26.9 | 28.3 |
| 22:00 | .06 | 8.7 | 9.4 | 2.4 | 9.2 | 6.5 | 26.4 | 27.5 |
| 23:00 | -.04 | 10.1 | 14.4 | 4.4 | 11.2 | 5.0 | 26.0 | 27.0 |
| Avg | .07 | 11.3 | 13.9 | 9.8 | 15.9 | 8.9 | 27.2 | 27.1 |
| Max | .82 | 21.8 | 22.9 | 21.4 | 24.7 | 18.2 | 32.9 | 31.9 |
| Hr. of Max | 14 | 15 | 11 | 15 | 17 | 11 | 16 | 16 |
| Min | -.25 | 4.1 | 4.8 | 2.4 | 6.9 | 3.3 | 22.8 | 22.9 |
| Count | 24 | 24 | 24 | 21 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |