Date Printed: 6/16/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2018

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 | 20.7 | 22.6 | 22.9 | 23.8 | 69.3 | 72.7 | 73.3 | 74.8 | 1.88 |
| 01:00 | 20.3 | 22.1 | 22.4 | 23.3 | 68.6 | 71.8 | 72.3 | 73.9 | 1.75 |
| 02:00 | 19.8 | 21.3 | 21.8 | 22.5 | 67.7 | 70.4 | 71.3 | 72.4 | 1.50 |
| 03:00 | 19.3 | 20.8 | 21.4 | 22.0 | 66.8 | 69.4 | 70.5 | 71.7 | 1.44 |
| 04:00 | 18.8 | 20.1 | 20.7 | 21.4 | 65.9 | 68.1 | 69.2 | 70.5 | 1.23 |
| 05:00 | 18.6 | 19.8 | 20.2 | 20.8 | 65.4 | 67.7 | 68.4 | 69.4 | 1.30 |
| 06:00 | 18.5 | 19.8 | 20.1 | 20.5 | 65.3 | 67.6 | 68.2 | 68.9 | 1.28 |
| 07:00 | 20.1 | 20.7 | 20.6 | 20.9 | 68.2 | 69.2 | 69.1 | 69.6 | .57 |
| 08:00 | 23.4 | 22.9 | 22.7 | 22.6 | 74.1 | 73.2 | 72.8 | 72.6 | -.48 |
| 09:00 | 25.6 | 24.8 | 24.5 | 24.4 | 78.1 | 76.7 | 76.1 | 75.9 | -.81 |
| 10:00 | 27.2 | 26.3 | 26.0 | 25.8 | 81.0 | 79.4 | 78.7 | 78.5 | -.91 |
| 11:00 | 29.0 | 27.7 | 27.4 | 27.2 | 84.3 | 81.9 | 81.3 | 81.0 | -1.31 |
| 12:00 | 29.6 | 28.5 | 28.1 | 28.0 | 85.4 | 83.3 | 82.6 | 82.3 | -1.15 |
| 13:00 | 30.7 | 29.3 | 28.9 | 28.8 | 87.2 | 84.7 | 84.0 | 83.8 | -1.41 |
| 14:00 | 31.8 | 30.3 | 29.9 | 29.7 | 89.2 | 86.5 | 85.8 | 85.5 | -1.49 |
| 15:00 | 32.2 | 30.8 | 30.4 | 30.3 | 89.9 | 87.4 | 86.8 | 86.5 | -1.39 |
| 16:00 | 32.4 | 31.3 | 30.9 | 30.7 | 90.4 | 88.3 | 87.7 | 87.3 | -1.15 |
| 17:00 | 32.5 | 31.6 | 31.2 | 31.0 | 90.5 | 88.9 | 88.2 | 87.9 | -.89 |
| 18:00 | 32.0 | 31.6 | 31.3 | 31.2 | 89.6 | 88.8 | 88.4 | 88.2 | -.45 |
| 19:00 | 28.3 | 29.8 | 30.4 | 30.6 | 82.9 | 85.7 | 86.6 | 87.1 | 1.55 |
| 20:00 | 24.9 | 27.6 | 28.4 | 28.7 | 76.8 | 81.7 | 83.1 | 83.7 | 2.72 |
| 21:00 | 22.6 | 25.2 | 26.1 | 26.9 | 72.7 | 77.4 | 78.9 | 80.5 | 2.61 |
| 22:00 | 21.1 | 23.5 | 24.2 | 25.1 | 70.0 | 74.3 | 75.5 | 77.2 | 2.42 |
| 23:00 | 19.9 | 22.3 | 22.9 | 24.2 | 67.9 | 72.1 | 73.3 | 75.5 | 2.31 |
| Avg | 25.0 | 25.4 | 25.6 | 25.9 | 77.0 | 77.8 | 78.0 | 78.5 | .46 |
| Max | 32.5 | 31.6 | 31.3 | 31.2 | 90.5 | 88.9 | 88.4 | 88.2 | 2.72 |
| Hr. of Max | 17 | 18 | 18 | 18 | 17 | 17 | 18 | 18 | 20 |
| Min | 18.5 | 19.8 | 20.1 | 20.5 | 65.3 | 67.6 | 68.2 | 68.9 | -1.49 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2018

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 | 2.20 | 3.02 | .32 | 1.14 | 18.4 | 20.1 | 65.0 | 68.3 | 21.0 |
| 01:00 | 2.03 | 2.96 | .28 | 1.21 | 18.4 | 20.1 | 65.1 | 68.1 | 20.7 |
| 02:00 | 2.02 | 2.63 | .52 | 1.13 | 18.2 | 19.7 | 64.8 | 67.4 | 20.2 |
| 03:00 | 2.04 | 2.71 | .60 | 1.26 | 18.0 | 19.4 | 64.4 | 66.9 | 19.8 |
| 04:00 | 1.85 | 2.58 | .62 | 1.35 | 17.7 | 18.9 | 63.8 | 66.0 | 19.3 |
| 05:00 | 1.67 | 2.25 | .37 | .95 | 17.5 | 18.7 | 63.4 | 65.7 | 19.1 |
| 06:00 | 1.58 | 1.99 | .30 | .72 | 17.5 | 18.8 | 63.6 | 65.8 | 19.1 |
| 07:00 | .50 | .75 | -.07 | .18 | 18.6 | 19.2 | 65.5 | 66.5 | 19.7 |
| 08:00 | -.73 | -.80 | -.25 | -.33 | 18.6 | 18.2 | 65.5 | 64.7 | 19.7 |
| 09:00 | -1.10 | -1.23 | -.29 | -.42 | 18.5 | 17.8 | 65.4 | 64.0 | 20.1 |
| 10:00 | -1.25 | -1.38 | -.34 | -.47 | 18.5 | 17.6 | 65.2 | 63.7 | 20.5 |
| 11:00 | -1.66 | -1.83 | -.35 | -.53 | 18.4 | 17.2 | 65.1 | 63.0 | 20.7 |
| 12:00 | -1.53 | -1.69 | -.38 | -.54 | 17.8 | 16.8 | 64.1 | 62.3 | 20.7 |
| 13:00 | -1.79 | -1.92 | -.39 | -.51 | 16.5 | 15.2 | 61.6 | 59.4 | 19.9 |
| 14:00 | -1.87 | -2.03 | -.38 | -.54 | 14.7 | 13.4 | 58.5 | 56.2 | 19.0 |
| 15:00 | -1.73 | -1.87 | -.34 | -.48 | 14.3 | 13.2 | 57.8 | 55.7 | 19.0 |
| 16:00 | -1.50 | -1.72 | -.36 | -.57 | 15.1 | 14.2 | 59.2 | 57.5 | 19.9 |
| 17:00 | -1.26 | -1.44 | -.37 | -.56 | 14.7 | 14.0 | 58.5 | 57.1 | 19.8 |
| 18:00 | -.68 | -.80 | -.23 | -.35 | 14.0 | 13.7 | 57.3 | 56.6 | 19.6 |
| 19:00 | 2.06 | 2.30 | .51 | .75 | 16.4 | 17.8 | 61.5 | 64.0 | 21.8 |
| 20:00 | 3.47 | 3.80 | .75 | 1.09 | 17.1 | 19.6 | 62.7 | 67.2 | 22.2 |
| 21:00 | 3.47 | 4.32 | .86 | 1.71 | 16.9 | 19.4 | 62.5 | 66.9 | 21.3 |
| 22:00 | 3.05 | 4.01 | .63 | 1.59 | 16.7 | 18.9 | 62.0 | 66.1 | 20.5 |
| 23:00 | 3.00 | 4.21 | .69 | 1.90 | 16.1 | 18.3 | 61.0 | 65.0 | 19.6 |
| Avg | .58 | .87 | .11 | .40 | 17.0 | 17.5 | 62.6 | 63.5 | 20.1 |
| Max | 3.47 | 4.32 | .86 | 1.90 | 18.6 | 20.1 | 65.5 | 68.3 | 22.2 |
| Hr. of Max | 21 | 21 | 21 | 23 | 08 | 01 | 08 | 00 | 20 |
| Min | -1.87 | -2.03 | -.39 | -.57 | 14.0 | 13.2 | 57.3 | 55.7 | 19.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2018

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 | 23.5 | 88.2 | 88.2 | 15.6 | 17.3 | 0.013653 | 0.015316 | 0.015482 | 0.017368 |
| 01:00 | 23.3 | 90.6 | 90.6 | 15.7 | 17.3 | 0.013689 | 0.015243 | 0.015111 | 0.016828 |
| 02:00 | 23.1 | 92.5 | 92.5 | 15.5 | 16.9 | 0.013554 | 0.014865 | 0.014646 | 0.016064 |
| 03:00 | 22.7 | 94.0 | 94.0 | 15.3 | 16.6 | 0.013346 | 0.014595 | 0.014199 | 0.015528 |
| 04:00 | 22.4 | 95.0 | 95.0 | 15.0 | 16.1 | 0.013078 | 0.014117 | 0.013766 | 0.014859 |
| 05:00 | 22.1 | 95.4 | 95.4 | 14.9 | 16.0 | 0.012893 | 0.013981 | 0.013522 | 0.014662 |
| 06:00 | 21.9 | 95.9 | 95.9 | 14.9 | 16.1 | 0.012943 | 0.014017 | 0.013496 | 0.014616 |
| 07:00 | 21.7 | 93.2 | 93.2 | 15.9 | 16.4 | 0.013883 | 0.014378 | 0.014924 | 0.015437 |
| 08:00 | 21.4 | 76.6 | 76.6 | 15.8 | 15.3 | 0.0139 | 0.013505 | 0.018197 | 0.017677 |
| 09:00 | 21.4 | 66.7 | 66.7 | 15.6 | 14.9 | 0.013858 | 0.0132 | 0.020796 | 0.01981 |
| 10:00 | 21.5 | 60.4 | 60.4 | 15.4 | 14.7 | 0.013796 | 0.013075 | 0.022858 | 0.021667 |
| 11:00 | 21.8 | 54.2 | 54.2 | 15.3 | 14.3 | 0.013758 | 0.012747 | 0.025403 | 0.02354 |
| 12:00 | 22.4 | 50.6 | 50.6 | 14.8 | 13.9 | 0.013321 | 0.012463 | 0.02633 | 0.024632 |
| 13:00 | 23.0 | 43.8 | 43.8 | 13.6 | 12.6 | 0.012234 | 0.011278 | 0.027949 | 0.025769 |
| 14:00 | 23.4 | 36.8 | 36.8 | 12.1 | 11.2 | 0.010951 | 0.010052 | 0.029767 | 0.027328 |
| 15:00 | 23.8 | 35.1 | 35.1 | 11.8 | 11.0 | 0.010701 | 0.009885 | 0.030434 | 0.028114 |
| 16:00 | 23.9 | 36.4 | 36.4 | 12.4 | 11.7 | 0.011267 | 0.010554 | 0.030914 | 0.028964 |
| 17:00 | 24.0 | 35.4 | 35.4 | 12.1 | 11.5 | 0.010989 | 0.010445 | 0.03101 | 0.029485 |
| 18:00 | 24.1 | 35.0 | 35.0 | 11.6 | 11.4 | 0.010543 | 0.01029 | 0.030218 | 0.029457 |
| 19:00 | 24.4 | 50.2 | 50.2 | 13.6 | 14.8 | 0.012155 | 0.013329 | 0.024468 | 0.026707 |
| 20:00 | 24.4 | 63.4 | 63.4 | 14.2 | 16.5 | 0.012634 | 0.014835 | 0.019991 | 0.02348 |
| 21:00 | 24.4 | 71.9 | 71.9 | 14.2 | 16.4 | 0.012499 | 0.014622 | 0.01739 | 0.020342 |
| 22:00 | 24.3 | 77.4 | 77.4 | 14.0 | 16.1 | 0.012265 | 0.014212 | 0.015853 | 0.018369 |
| 23:00 | 24.2 | 80.3 | 80.3 | 13.6 | 15.5 | 0.011837 | 0.013644 | 0.014751 | 0.017002 |
| Avg | 23.0 | 67.5 | 67.5 | 14.3 | 14.8 | 0.012656 | 0.01311 | 0.020895 | 0.021154 |
| Max | 24.4 | 95.9 | 95.9 | 15.9 | 17.3 | 0.0139 | 0.015316 | 0.03101 | 0.029485 |
| Hr. of Max | 21 | 06 | 06 | 07 | 01 | 08 | 00 | 17 | 17 |
| Min | 21.4 | 35.0 | 35.0 | 11.6 | 11.0 | 0.010543 | 0.009885 | 0.013496 | 0.014616 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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OAK RIDGE NATIONAL LABORATORY
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# Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2018

Interval: 001h

| | 27_VaporPr_002m | 28_VaporPr_015m | )_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 | 21.2 | 23.7 | 24.5 | 27.5 | .00 | 29.10 | 985.4 | -1.3 | .00 |
| 01:00 | 21.2 | 23.6 | 23.9 | 26.7 | .00 | 29.09 | 985.1 | -1.3 | .00 |
| 02:00 | 21.0 | 23.0 | 23.2 | 25.4 | .00 | 29.08 | 985.0 | -1.3 | .00 |
| 03:00 | 20.7 | 22.6 | 22.5 | 24.6 | .00 | 29.08 | 984.7 | -1.3 | .00 |
| 04:00 | 20.3 | 21.9 | 21.8 | 23.5 | .00 | 29.07 | 984.6 | -1.3 | .00 |
| 05:00 | 20.0 | 21.7 | 21.4 | 23.2 | .00 | 29.09 | 985.0 | -1.3 | .00 |
| 06:00 | 20.1 | 21.7 | 21.4 | 23.2 | .00 | 29.10 | 985.5 | 13.7 | .02 |
| 07:00 | 21.5 | 22.3 | 23.7 | 24.5 | .00 | 29.11 | 985.8 | 143.0 | .20 |
| 08:00 | 21.6 | 21.0 | 28.8 | 28.0 | .00 | 29.12 | 986.1 | 369.7 | .53 |
| 09:00 | 21.5 | 20.5 | 33.0 | 31.4 | .00 | 29.13 | 986.5 | 574.3 | .82 |
| 10:00 | 21.4 | 20.3 | 36.2 | 34.4 | .00 | 29.12 | 986.3 | 753.5 | 1.08 |
| 11:00 | 21.3 | 19.8 | 40.3 | 37.3 | .00 | 29.12 | 986.1 | 925.4 | 1.33 |
| 12:00 | 20.7 | 19.4 | 41.7 | 39.0 | .00 | 29.11 | 985.8 | 852.2 | 1.22 |
| 13:00 | 19.0 | 17.5 | 44.3 | 40.8 | .00 | 29.10 | 985.4 | 970.4 | 1.39 |
| 14:00 | 17.0 | 15.7 | 47.1 | 43.3 | .00 | 29.08 | 984.9 | 1066.9 | 1.53 |
| 15:00 | 16.7 | 15.4 | 48.2 | 44.5 | .00 | 29.07 | 984.5 | 960.8 | 1.38 |
| 16:00 | 17.5 | 16.4 | 48.9 | 45.8 | .00 | 29.06 | 984.0 | 559.2 | .80 |
| 17:00 | 17.1 | 16.2 | 49.0 | 46.6 | .00 | 29.04 | 983.6 | 509.5 | .73 |
| 18:00 | 16.4 | 16.0 | 47.8 | 46.6 | .00 | 29.04 | 983.4 | 359.5 | .52 |
| 19:00 | 18.8 | 20.6 | 38.7 | 42.2 | .00 | 29.04 | 983.5 | 198.4 | .28 |
| 20:00 | 19.6 | 22.9 | 31.6 | 37.1 | .00 | 29.05 | 984.0 | 19.2 | .03 |
| 21:00 | 19.4 | 22.6 | 27.5 | 32.2 | .00 | 29.06 | 984.1 | -1.0 | .00 |
| 22:00 | 19.0 | 22.0 | 25.1 | 29.1 | .00 | 29.08 | 984.9 | -1.3 | .00 |
| 23:00 | 18.4 | 21.1 | 23.4 | 26.9 | .00 | 29.09 | 985.2 | -1.2 | .00 |
| Avg | 19.6 | 20.3 | 33.1 | 33.5 | .00 | 29.08 | 985.0 | 344.4 | .49 |
| Max | 21.6 | 23.7 | 49.0 | 46.6 | .00 | 29.13 | 986.5 | 1066.9 | 1.53 |
| Hr. of Max | 08 | 00 | 17 | 18 | 23 | 09 | 09 | 14 | 14 |
| Min | 16.4 | 15.4 | 21.4 | 23.2 | .00 | 29.04 | 983.4 | -1.3 | .00 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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OAK RIDGE NATIONAL LABORATORY
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# Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2018

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 | 66.1 | 41.8 | 66.9 | 51.6 | 353.2 | 34.7 | 3.9 | 42.2 | 10.4 |
| 01:00 | 72.1 | 55.7 | 72.1 | 56.2 | 39.8 | 46.5 | 37.0 | 47.0 | 7.8 |
| 02:00 | 62.8 | 61.8 | 62.3 | 62.3 | 1.4 | 52.2 | 4.8 | 52.6 | 13.2 |
| 03:00 | 64.1 | 51.3 | 57.1 | 38.5 | 314.1 | 41.3 | 328.2 | 28.8 | 20.0 |
| 04:00 | 51.0 | 32.2 | 42.6 | 24.4 | 283.2 | 22.4 | 288.9 | 15.4 | 13.8 |
| 05:00 | 80.5 | 33.7 | 73.4 | 30.7 | 322.7 | 23.9 | 315.1 | 20.8 | 9.9 |
| 06:00 | 52.3 | 51.7 | 52.4 | 49.8 | 24.8 | 41.5 | 20.5 | 39.6 | 9.5 |
| 07:00 | 69.6 | 63.5 | 66.3 | 63.2 | 61.5 | 54.7 | 42.0 | 53.9 | 22.4 |
| 08:00 | 78.0 | 66.0 | 75.8 | 66.0 | 82.1 | 58.0 | 83.9 | 57.4 | 26.4 |
| 09:00 | 76.7 | 66.2 | 78.9 | 68.1 | 76.9 | 56.7 | 79.8 | 57.6 | 21.5 |
| 10:00 | 82.3 | 79.6 | 84.3 | 78.2 | 84.0 | 72.0 | 86.4 | 68.2 | 34.2 |
| 11:00 | 140.7 | 136.6 | 141.4 | 135.0 | 143.5 | 128.0 | 144.2 | 124.9 | 29.2 |
| 12:00 | 54.3 | 43.6 | 51.9 | 50.7 | 55.4 | 35.0 | 62.6 | 42.0 | 55.7 |
| 13:00 | 86.0 | 83.6 | 89.2 | 85.3 | 92.3 | 74.0 | 90.4 | 75.5 | 36.8 |
| 14:00 | 16.5 | 16.9 | 14.7 | 22.3 | 334.9 | 8.2 | 342.5 | 10.4 | 59.5 |
| 15:00 | 91.7 | 83.5 | 91.8 | 86.0 | 95.6 | 73.1 | 94.8 | 75.8 | 44.7 |
| 16:00 | 105.6 | 98.1 | 105.7 | 101.6 | 102.8 | 89.6 | 105.1 | 92.4 | 46.7 |
| 17:00 | 31.5 | 35.5 | 33.8 | 37.4 | 14.1 | 25.3 | 26.1 | 28.3 | 49.1 |
| 18:00 | 90.4 | 87.3 | 96.2 | 94.4 | 83.9 | 77.3 | 90.9 | 83.7 | 26.9 |
| 19:00 | 57.5 | 68.8 | 56.2 | 67.8 | 10.0 | 58.6 | 13.6 | 58.0 | 21.3 |
| 20:00 | 62.1 | 67.5 | 56.7 | 63.8 | 352.4 | 57.8 | 355.9 | 54.2 | 11.2 |
| 21:00 | 71.9 | 63.2 | 64.4 | 61.4 | 327.5 | 53.3 | 330.2 | 51.5 | 19.9 |
| 22:00 | 75.3 | 30.1 | 65.2 | 32.0 | 337.0 | 21.5 | 341.1 | 21.4 | 24.0 |
| 23:00 | 77.9 | 333.5 | 65.5 | 39.2 | 337.8 | 340.1 | 318.2 | 18.4 | 11.3 |
| Avg | 71.0 | 58.0 | .0 | .0 | 27.0 | 49.0 | .0 | .0 | 26.1 |
| Max | 140.7 | 333.5 | 141.4 | 135.0 | 353.2 | 340.1 | 355.9 | 124.9 | 59.5 |
| Hr. of Max | 11 | 23 | 11 | 11 | 00 | 23 | 20 | 11 | 14 |
| Min | 16.5 | 16.9 | 14.7 | 22.3 | 1.4 | 8.2 | 3.9 | 10.4 | 7.8 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2018

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 | 17.5 | 40.8 | 17.4 | 1.4 | 1.5 | 1.4 | 1.6 | .6 | .7 |
| 01:00 | 6.4 | 21.4 | 7.0 | 1.9 | 3.2 | 1.9 | 3.2 | .9 | 1.4 |
| 02:00 | 5.6 | 45.2 | 6.1 | 2.1 | 3.4 | 2.2 | 3.6 | 1.0 | 1.6 |
| 03:00 | 22.8 | 37.1 | 23.5 | 1.3 | 2.2 | 1.5 | 2.7 | .7 | 1.2 |
| 04:00 | 7.5 | 27.7 | 11.9 | 1.0 | 1.3 | 1.0 | 1.4 | .4 | .6 |
| 05:00 | 12.0 | 40.2 | 12.5 | .8 | 1.6 | .8 | 1.8 | .4 | .8 |
| 06:00 | 6.2 | 20.8 | 7.0 | 1.9 | 3.0 | 2.0 | 3.0 | .9 | 1.4 |
| 07:00 | 15.0 | 49.7 | 15.4 | 1.5 | 2.5 | 1.7 | 2.5 | .8 | 1.1 |
| 08:00 | 23.1 | 37.7 | 24.9 | 2.0 | 2.3 | 2.2 | 2.5 | 1.0 | 1.1 |
| 09:00 | 26.2 | 25.5 | 25.2 | 3.3 | 3.2 | 3.5 | 3.5 | 1.6 | 1.6 |
| 10:00 | 34.9 | 39.9 | 33.5 | 2.8 | 2.9 | 3.5 | 3.7 | 1.6 | 1.6 |
| 11:00 | 33.6 | 30.5 | 34.9 | 2.5 | 2.4 | 3.5 | 3.5 | 1.6 | 1.6 |
| 12:00 | 53.2 | 69.6 | 53.4 | 1.5 | 1.8 | 2.8 | 3.0 | 1.3 | 1.4 |
| 13:00 | 43.2 | 45.1 | 43.4 | 2.9 | 3.1 | 3.5 | 3.7 | 1.6 | 1.7 |
| 14:00 | 55.4 | 75.9 | 56.8 | 1.8 | 2.2 | 3.3 | 3.3 | 1.5 | 1.5 |
| 15:00 | 46.5 | 42.8 | 45.7 | 3.7 | 3.9 | 4.6 | 4.8 | 2.1 | 2.1 |
| 16:00 | 42.3 | 51.4 | 44.2 | 3.1 | 3.4 | 3.9 | 4.1 | 1.7 | 1.8 |
| 17:00 | 43.7 | 70.5 | 44.2 | 1.6 | 2.0 | 2.8 | 2.9 | 1.2 | 1.3 |
| 18:00 | 27.6 | 38.0 | 25.9 | 3.1 | 3.4 | 3.4 | 3.8 | 1.5 | 1.7 |
| 19:00 | 15.7 | 30.0 | 15.6 | 3.6 | 4.8 | 3.8 | 4.9 | 1.7 | 2.2 |
| 20:00 | 9.0 | 27.3 | 9.3 | 2.4 | 3.8 | 2.5 | 3.9 | 1.1 | 1.8 |
| 21:00 | 22.9 | 49.8 | 23.7 | 1.4 | 2.3 | 1.5 | 2.6 | .7 | 1.1 |
| 22:00 | 15.2 | 43.9 | 17.2 | 1.0 | 1.2 | 1.0 | 1.3 | .5 | .6 |
| 23:00 | 29.8 | 48.8 | 31.9 | .6 | .4 | .6 | .4 | .3 | .2 |
| Avg | 25.6 | 42.1 | 26.3 | 2.2 | 2.2 | 2.5 | 3.0 | 1.1 | 1.3 |
| Max | 55.4 | 75.9 | 56.8 | 3.7 | 4.8 | 4.6 | 4.9 | 2.1 | 2.2 |
| Hr. of Max | 14 | 14 | 14 | 15 | 19 | 15 | 19 | 15 | 19 |
| Min | 5.6 | 20.8 | 6.1 | .6 | .4 | .6 | .4 | .3 | .2 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/16/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2018

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 | .6 | 1.7 | .9 | 1.9 | .4 | .8 | 1.9 | .8 | .03 |
| 01:00 | 1.2 | 3.4 | 1.3 | 3.4 | .6 | 1.5 | .8 | .7 | .02 |
| 02:00 | .9 | 3.6 | 1.1 | 3.8 | .5 | 1.7 | 2.9 | .5 | .05 |
| 03:00 | .6 | 2.4 | 1.1 | 2.9 | .5 | 1.3 | 1.4 | .2 | .04 |
| 04:00 | .5 | 1.6 | 1.0 | 1.6 | .4 | .7 | 1.0 | .4 | .02 |
| 05:00 | .5 | 1.8 | .7 | 2.0 | .3 | .9 | -.1 | .3 | .00 |
| 06:00 | 1.2 | 3.2 | 1.3 | 3.2 | .6 | 1.4 | 2.8 | .6 | .05 |
| 07:00 | .5 | 2.7 | 1.0 | 2.8 | .5 | 1.3 | 1.0 | -1.5 | -.03 |
| 08:00 | 1.9 | 2.7 | 2.2 | 3.0 | 1.0 | 1.3 | 3.6 | 11.0 | .12 |
| 09:00 | 3.5 | 3.8 | 3.8 | 4.1 | 1.7 | 1.8 | -1.0 | 2.9 | -.12 |
| 10:00 | 2.9 | 3.3 | 3.7 | 4.2 | 1.6 | 1.9 | -4.9 | -.4 | -.29 |
| 11:00 | 2.8 | 2.8 | 4.1 | 4.1 | 1.8 | 1.8 | -2.7 | -3.9 | -.16 |
| 12:00 | 1.2 | 2.0 | 3.0 | 3.7 | 1.4 | 1.7 | -5.0 | -7.5 | -.26 |
| 13:00 | 2.9 | 3.5 | 3.8 | 4.5 | 1.7 | 2.0 | .3 | .1 | .00 |
| 14:00 | 1.2 | 2.6 | 3.6 | 4.2 | 1.6 | 1.9 | -1.3 | -3.6 | -.07 |
| 15:00 | 3.9 | 4.4 | 4.8 | 5.4 | 2.2 | 2.4 | -3.1 | -1.4 | -.25 |
| 16:00 | 3.1 | 3.9 | 4.0 | 4.8 | 1.8 | 2.2 | 6.6 | 7.7 | .34 |
| 17:00 | 1.1 | 2.3 | 2.7 | 3.6 | 1.2 | 1.6 | .0 | -2.9 | -.06 |
| 18:00 | 2.7 | 3.9 | 3.2 | 4.4 | 1.4 | 2.0 | 8.0 | 11.1 | .38 |
| 19:00 | 2.0 | 5.1 | 2.4 | 5.2 | 1.1 | 2.3 | -1.7 | 1.7 | -.08 |
| 20:00 | 1.3 | 4.0 | 1.5 | 4.1 | .7 | 1.9 | .1 | -.2 | -.01 |
| 21:00 | .8 | 2.4 | 1.3 | 2.8 | .6 | 1.2 | 2.0 | 1.6 | .04 |
| 22:00 | .6 | 1.5 | 1.1 | 1.6 | .5 | .7 | 1.4 | 2.8 | .02 |
| 23:00 | .5 | .6 | .9 | .8 | .4 | .4 | .9 | -1.4 | .01 |
| Avg | 2.1 | 2.1 | 2.3 | 3.4 | 1.0 | 1.5 | .6 | .8 | -.01 |
| Max | 3.9 | 5.1 | 4.8 | 5.4 | 2.2 | 2.4 | 8.0 | 11.1 | .38 |
| Hr. of Max | 15 | 19 | 15 | 15 | 15 | 15 | 18 | 18 | 18 |
| Min | .5 | .6 | .7 | .8 | .3 | .4 | -5.0 | -7.5 | -.29 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/16/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2018

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 | .04 | 3.4 | 3.9 | 2.3 | 7.7 | 6.7 | 23.8 | 24.8 |
| 01:00 | .04 | 3.0 | 4.6 | 2.8 | 6.7 | 3.1 | 23.2 | 24.3 |
| 02:00 | .04 | 3.7 | 5.3 | 2.8 | 8.5 | 2.7 | 22.5 | 23.5 |
| 03:00 | .03 | 3.7 | 8.5 | 2.7 | 9.4 | 5.8 | 21.9 | 23.0 |
| 04:00 | .02 | 2.7 | 4.1 | 2.5 | 7.5 | 6.1 | 21.2 | 22.4 |
| 05:00 | .01 | 4.1 | 7.3 | 1.7 | 7.1 | 5.3 | 21.0 | 21.8 |
| 06:00 | .02 | 3.0 | 4.4 | 2.6 | 8.4 | 3.4 | 20.9 | 21.5 |
| 07:00 | -.10 | 4.1 | 6.2 | 3.1 | 14.8 | 9.3 | 21.9 | 21.7 |
| 08:00 | .60 | 5.0 | 6.0 | 6.3 | 25.4 | 22.2 | 24.2 | 23.5 |
| 09:00 | .18 | 7.1 | 9.2 | 9.1 | 20.6 | 22.4 | 26.0 | 25.3 |
| 10:00 | -.13 | 8.2 | 7.3 | 7.9 | 22.1 | 24.0 | 27.5 | 26.7 |
| 11:00 | -.16 | 7.8 | 8.7 | 9.6 | 20.4 | 24.3 | 28.6 | 27.8 |
| 12:00 | -.35 | 8.9 | 7.8 | 8.1 | 25.3 | 27.6 | 29.5 | 28.6 |
| 13:00 | .10 | 15.6 | 9.6 | 10.7 | 25.3 | 30.2 | 30.1 | 29.2 |
| 14:00 | -.12 | 11.0 | 12.8 | 14.2 | 28.5 | 32.1 | 30.8 | 30.0 |
| 15:00 | -.03 | 12.4 | 12.8 | 14.0 | 22.1 | 25.7 | 31.2 | 30.4 |
| 16:00 | .64 | 11.9 | 10.3 | 11.1 | 23.6 | 24.8 | 31.8 | 30.9 |
| 17:00 | -.06 | 7.3 | 7.6 | 6.6 | 28.8 | 28.5 | 32.2 | 31.2 |
| 18:00 | .82 | 7.8 | 7.6 | 7.1 | 23.2 | 20.3 | 32.0 | 31.3 |
| 19:00 | .10 | 6.4 | 8.7 | 7.5 | 12.8 | 12.0 | 30.4 | 30.7 |
| 20:00 | -.02 | 8.5 | 12.1 | 3.9 | 10.1 | 3.6 | 28.1 | 29.1 |
| 21:00 | .08 | 3.4 | 4.6 | 3.0 | 6.9 | 4.5 | 25.9 | 27.6 |
| 22:00 | .09 | 2.7 | 2.5 | 2.6 | 6.8 | 7.1 | 24.3 | 25.8 |
| 23:00 | -.02 | 2.5 | 3.7 | 2.4 | 6.8 | 9.4 | 23.0 | 24.9 |
| Avg | .08 | 6.4 | 7.3 | 6.0 | 15.8 | 15.0 | 26.3 | 26.5 |
| Max | .82 | 15.6 | 12.8 | 14.2 | 28.8 | 32.1 | 32.2 | 31.3 |
| Hr. of Max | 18 | 13 | 15 | 14 | 17 | 14 | 17 | 18 |
| Min | -.35 | 2.5 | 2.5 | 1.7 | 6.7 | 2.7 | 20.9 | 21.5 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |