Date Printed: 6/5/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2018

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 | 16.9 | 20.3 | 21.8 | 22.5 | 62.4 | 68.6 | 71.2 | 72.5 | 3.41 |
| 01:00 | 15.9 | 18.0 | 18.6 | 19.9 | 60.7 | 64.4 | 65.5 | 67.8 | 2.08 |
| 02:00 | 14.7 | 16.7 | 17.3 | 18.8 | 58.5 | 62.1 | 63.2 | 65.8 | 2.00 |
| 03:00 | 13.6 | 15.6 | 16.7 | 18.2 | 56.5 | 60.1 | 62.0 | 64.8 | 2.02 |
| 04:00 | 13.0 | 14.7 | 15.2 | 16.4 | 55.4 | 58.5 | 59.4 | 61.6 | 1.76 |
| 05:00 | 12.5 | 14.0 | 14.3 | 15.4 | 54.6 | 57.3 | 57.8 | 59.8 | 1.49 |
| 06:00 | 12.4 | 13.7 | 14.5 | 15.2 | 54.3 | 56.7 | 58.0 | 59.3 | 1.31 |
| 07:00 | 14.2 | 14.9 | 15.0 | 15.6 | 57.5 | 58.8 | 58.9 | 60.1 | .70 |
| 08:00 | 18.1 | 17.9 | 17.7 | 17.7 | 64.6 | 64.2 | 63.9 | 63.9 | -.21 |
| 09:00 | 21.4 | 20.9 | 20.6 | 20.6 | 70.6 | 69.6 | 69.1 | 69.0 | -.57 |
| 10:00 | 23.7 | 22.9 | 22.7 | 22.6 | 74.6 | 73.3 | 72.8 | 72.7 | -.71 |
| 11:00 | 25.5 | 24.5 | 24.1 | 24.0 | 77.9 | 76.1 | 75.4 | 75.3 | -.99 |
| 12:00 | 26.4 | 25.4 | 25.0 | 24.8 | 79.5 | 77.8 | 77.0 | 76.7 | -.94 |
| 13:00 | 27.1 | 26.0 | 25.6 | 25.5 | 80.8 | 78.8 | 78.1 | 78.0 | -1.13 |
| 14:00 | 27.5 | 26.5 | 26.1 | 26.0 | 81.5 | 79.7 | 79.0 | 78.8 | -.99 |
| 15:00 | 28.2 | 27.1 | 26.7 | 26.7 | 82.7 | 80.8 | 80.1 | 80.0 | -1.06 |
| 16:00 | 28.0 | 27.2 | 26.8 | 26.7 | 82.5 | 80.9 | 80.3 | 80.0 | -.84 |
| 17:00 | 27.5 | 26.9 | 26.6 | 26.4 | 81.5 | 80.5 | 79.8 | 79.5 | -.56 |
| 18:00 | 25.9 | 25.8 | 25.6 | 25.6 | 78.7 | 78.5 | 78.1 | 78.1 | -.12 |
| 19:00 | 23.5 | 24.2 | 24.2 | 24.4 | 74.3 | 75.5 | 75.6 | 75.8 | .68 |
| 20:00 | 21.2 | 23.4 | 23.5 | 23.7 | 70.2 | 74.1 | 74.3 | 74.6 | 2.20 |
| 21:00 | 19.0 | 22.9 | 23.1 | 23.4 | 66.1 | 73.1 | 73.7 | 74.1 | 3.89 |
| 22:00 | 17.1 | 20.6 | 22.0 | 22.5 | 62.7 | 69.1 | 71.6 | 72.6 | 3.57 |
| 23:00 | 15.9 | 19.6 | 20.7 | 21.3 | 60.6 | 67.3 | 69.3 | 70.3 | 3.71 |
| Avg | 20.4 | 21.2 | 21.4 | 21.8 | 68.7 | 70.2 | 70.6 | 71.3 | .86 |
| Max | 28.2 | 27.2 | 26.8 | 26.7 | 82.7 | 80.9 | 80.3 | 80.0 | 3.89 |
| Hr. of Max | 15 | 16 | 16 | 16 | 15 | 16 | 16 | 16 | 21 |
| Min | 12.4 | 13.7 | 14.3 | 15.2 | 54.3 | 56.7 | 57.8 | 59.3 | -1.13 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/5/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2018

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 | 4.89 | 5.60 | 1.48 | 2.18 | 14.2 | 17.5 | 57.6 | 63.5 | 18.5 |
| 01:00 | 2.71 | 3.94 | .63 | 1.86 | 14.0 | 16.0 | 57.3 | 60.9 | 16.7 |
| 02:00 | 2.63 | 4.05 | .63 | 2.05 | 13.3 | 15.3 | 56.0 | 59.5 | 15.7 |
| 03:00 | 3.05 | 4.62 | 1.03 | 2.60 | 12.5 | 14.5 | 54.6 | 58.1 | 14.9 |
| 04:00 | 2.21 | 3.44 | .45 | 1.68 | 12.2 | 13.9 | 53.9 | 57.0 | 14.2 |
| 05:00 | 1.79 | 2.90 | .30 | 1.41 | 11.8 | 13.3 | 53.3 | 55.9 | 13.5 |
| 06:00 | 2.06 | 2.75 | .75 | 1.44 | 11.8 | 13.1 | 53.2 | 55.5 | 13.3 |
| 07:00 | .78 | 1.42 | .08 | .72 | 13.3 | 14.0 | 56.0 | 57.3 | 14.3 |
| 08:00 | -.36 | -.38 | -.15 | -.17 | 13.7 | 13.5 | 56.7 | 56.4 | 15.0 |
| 09:00 | -.84 | -.87 | -.26 | -.30 | 13.2 | 12.7 | 55.7 | 54.8 | 15.4 |
| 10:00 | -1.01 | -1.06 | -.29 | -.34 | 12.0 | 11.3 | 53.5 | 52.4 | 15.2 |
| 11:00 | -1.34 | -1.44 | -.35 | -.45 | 10.9 | 10.0 | 51.6 | 50.0 | 14.8 |
| 12:00 | -1.36 | -1.52 | -.42 | -.57 | 9.8 | 8.9 | 49.6 | 48.1 | 14.4 |
| 13:00 | -1.49 | -1.59 | -.37 | -.46 | 9.2 | 8.2 | 48.5 | 46.8 | 14.1 |
| 14:00 | -1.37 | -1.50 | -.38 | -.50 | 9.6 | 8.8 | 49.3 | 47.8 | 14.7 |
| 15:00 | -1.45 | -1.51 | -.39 | -.45 | 10.7 | 9.8 | 51.3 | 49.7 | 15.6 |
| 16:00 | -1.19 | -1.34 | -.35 | -.50 | 9.8 | 9.1 | 49.6 | 48.3 | 15.1 |
| 17:00 | -.93 | -1.10 | -.37 | -.54 | 9.7 | 9.2 | 49.4 | 48.6 | 15.1 |
| 18:00 | -.32 | -.32 | -.20 | -.20 | 10.4 | 10.3 | 50.8 | 50.6 | 15.5 |
| 19:00 | .71 | .84 | .04 | .16 | 12.5 | 13.2 | 54.6 | 55.7 | 16.8 |
| 20:00 | 2.29 | 2.44 | .09 | .24 | 13.4 | 15.4 | 56.1 | 59.8 | 18.1 |
| 21:00 | 4.19 | 4.40 | .30 | .51 | 12.9 | 16.6 | 55.3 | 61.8 | 18.7 |
| 22:00 | 4.92 | 5.48 | 1.35 | 1.91 | 12.6 | 16.0 | 54.8 | 60.8 | 17.6 |
| 23:00 | 4.84 | 5.39 | 1.13 | 1.68 | 12.8 | 16.3 | 55.0 | 61.4 | 17.4 |
| Avg | 1.06 | 1.44 | .20 | .58 | 11.9 | 12.8 | 53.5 | 55.0 | 15.6 |
| Max | 4.92 | 5.60 | 1.48 | 2.60 | 14.2 | 17.5 | 57.6 | 63.5 | 18.7 |
| Hr. of Max | 22 | 00 | 00 | 03 | 00 | 00 | 00 | 00 | 21 |
| Min | -1.49 | -1.59 | -.42 | -.57 | 9.2 | 8.2 | 48.5 | 46.8 | 13.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/5/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2018

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 | 23.2 | 85.8 | 85.8 | 12.2 | 14.9 | 0.010469 | 0.012994 | 0.012204 | 0.015163 |
| 01:00 | 22.8 | 90.1 | 90.1 | 12.0 | 13.6 | 0.01032 | 0.011775 | 0.01146 | 0.013077 |
| 02:00 | 22.5 | 92.9 | 92.9 | 11.5 | 13.0 | 0.009844 | 0.01119 | 0.010597 | 0.012046 |
| 03:00 | 22.2 | 94.6 | 94.6 | 11.0 | 12.4 | 0.00934 | 0.010643 | 0.009872 | 0.011251 |
| 04:00 | 21.9 | 96.1 | 96.1 | 10.8 | 12.0 | 0.009107 | 0.010212 | 0.009472 | 0.010622 |
| 05:00 | 21.5 | 96.9 | 96.9 | 10.5 | 11.5 | 0.008912 | 0.009824 | 0.009199 | 0.01014 |
| 06:00 | 21.2 | 97.4 | 97.4 | 10.5 | 11.4 | 0.00887 | 0.009664 | 0.009111 | 0.009927 |
| 07:00 | 21.0 | 96.3 | 96.3 | 11.6 | 12.1 | 0.009868 | 0.010319 | 0.010266 | 0.010725 |
| 08:00 | 20.7 | 77.1 | 77.1 | 11.7 | 11.6 | 0.010129 | 0.009995 | 0.013162 | 0.012984 |
| 09:00 | 20.3 | 60.8 | 60.8 | 11.3 | 10.9 | 0.009814 | 0.009475 | 0.016201 | 0.015637 |
| 10:00 | 20.4 | 49.1 | 49.1 | 10.4 | 9.9 | 0.009087 | 0.008696 | 0.018529 | 0.017743 |
| 11:00 | 20.6 | 41.0 | 41.0 | 9.6 | 9.1 | 0.008466 | 0.00797 | 0.020652 | 0.019461 |
| 12:00 | 21.0 | 36.2 | 36.2 | 8.9 | 8.5 | 0.007887 | 0.007453 | 0.021776 | 0.020587 |
| 13:00 | 21.6 | 33.3 | 33.3 | 8.6 | 8.0 | 0.00759 | 0.007095 | 0.022785 | 0.021315 |
| 14:00 | 22.2 | 33.6 | 33.6 | 8.8 | 8.3 | 0.00784 | 0.007384 | 0.023309 | 0.021979 |
| 15:00 | 22.6 | 34.8 | 34.8 | 9.5 | 8.9 | 0.008446 | 0.007932 | 0.024253 | 0.02279 |
| 16:00 | 22.9 | 32.9 | 32.9 | 8.9 | 8.5 | 0.00791 | 0.007527 | 0.02405 | 0.022892 |
| 17:00 | 23.0 | 33.7 | 33.7 | 8.8 | 8.6 | 0.007854 | 0.0076 | 0.023316 | 0.022562 |
| 18:00 | 23.2 | 39.1 | 39.1 | 9.3 | 9.3 | 0.008265 | 0.008223 | 0.021289 | 0.021118 |
| 19:00 | 23.2 | 51.5 | 51.5 | 10.7 | 11.2 | 0.009449 | 0.009863 | 0.018425 | 0.019174 |
| 20:00 | 23.2 | 62.3 | 62.3 | 11.4 | 12.9 | 0.009967 | 0.011404 | 0.016011 | 0.018298 |
| 21:00 | 23.1 | 69.2 | 69.2 | 11.1 | 13.9 | 0.009628 | 0.012238 | 0.013918 | 0.01768 |
| 22:00 | 22.9 | 76.6 | 76.6 | 11.0 | 13.5 | 0.009436 | 0.011806 | 0.01234 | 0.015456 |
| 23:00 | 22.6 | 82.9 | 82.9 | 11.1 | 13.8 | 0.009497 | 0.012017 | 0.011464 | 0.014498 |
| Avg | 22.1 | 65.2 | 65.2 | 10.5 | 11.2 | 0.009083 | 0.009721 | 0.015986 | 0.016547 |
| Max | 23.2 | 97.4 | 97.4 | 12.2 | 14.9 | 0.010469 | 0.012994 | 0.024253 | 0.022892 |
| Hr. of Max | 20 | 06 | 06 | 00 | 00 | 00 | 00 | 15 | 16 |
| Min | 20.3 | 32.9 | 32.9 | 8.6 | 8.0 | 0.00759 | 0.007095 | 0.009111 | 0.009927 |
| 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)

6/4/2018

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 | 16.3 | 20.1 | 19.3 | 24.0 | .00 | 29.06 | 984.3 | -1.3 | .00 |
| 01:00 | 16.1 | 18.3 | 18.1 | 20.7 | .00 | 29.07 | 984.4 | -1.3 | .00 |
| 02:00 | 15.3 | 17.4 | 16.8 | 19.1 | .00 | 29.07 | 984.5 | -1.2 | .00 |
| 03:00 | 14.6 | 16.6 | 15.6 | 17.8 | .00 | 29.07 | 984.3 | -1.3 | .00 |
| 04:00 | 14.2 | 15.9 | 15.0 | 16.8 | .00 | 29.06 | 984.3 | -1.3 | .00 |
| 05:00 | 13.9 | 15.3 | 14.6 | 16.0 | .00 | 29.07 | 984.5 | -1.2 | .00 |
| 06:00 | 13.8 | 15.1 | 14.4 | 15.7 | .00 | 29.07 | 984.6 | 11.0 | .02 |
| 07:00 | 15.4 | 16.1 | 16.3 | 17.0 | .00 | 29.07 | 984.6 | 134.7 | .19 |
| 08:00 | 15.8 | 15.6 | 20.8 | 20.6 | .00 | 29.07 | 984.4 | 382.6 | .55 |
| 09:00 | 15.3 | 14.8 | 25.7 | 24.8 | .00 | 29.08 | 984.9 | 628.5 | .90 |
| 10:00 | 14.2 | 13.6 | 29.3 | 28.1 | .00 | 29.09 | 985.0 | 825.9 | 1.18 |
| 11:00 | 13.2 | 12.5 | 32.7 | 30.8 | .00 | 29.08 | 984.8 | 971.9 | 1.39 |
| 12:00 | 12.3 | 11.7 | 34.5 | 32.6 | .00 | 29.06 | 984.3 | 1070.2 | 1.53 |
| 13:00 | 11.9 | 11.1 | 36.0 | 33.7 | .00 | 29.04 | 983.5 | 1101.3 | 1.58 |
| 14:00 | 12.2 | 11.5 | 36.8 | 34.7 | .00 | 29.03 | 982.9 | 1081.1 | 1.55 |
| 15:00 | 13.2 | 12.4 | 38.3 | 36.0 | .00 | 29.01 | 982.6 | 996.1 | 1.43 |
| 16:00 | 12.3 | 11.7 | 38.0 | 36.2 | .00 | 29.02 | 982.7 | 489.2 | .70 |
| 17:00 | 12.2 | 11.9 | 36.8 | 35.6 | .00 | 29.00 | 982.2 | 491.4 | .70 |
| 18:00 | 12.9 | 12.8 | 33.6 | 33.3 | .00 | 29.00 | 982.0 | 266.1 | .38 |
| 19:00 | 14.7 | 15.3 | 29.1 | 30.3 | .00 | 29.00 | 982.1 | 106.8 | .15 |
| 20:00 | 15.5 | 17.7 | 25.3 | 28.9 | .00 | 29.00 | 982.1 | 19.8 | .03 |
| 21:00 | 15.0 | 19.0 | 22.0 | 27.9 | .00 | 29.01 | 982.3 | -1.2 | .00 |
| 22:00 | 14.7 | 18.3 | 19.5 | 24.4 | .00 | 29.02 | 982.8 | -1.2 | .00 |
| 23:00 | 14.8 | 18.6 | 18.1 | 22.9 | .00 | 29.02 | 982.9 | -1.3 | .00 |
| Avg | 14.2 | 15.1 | 25.3 | 26.2 | .00 | 29.04 | 983.6 | 356.9 | .51 |
| Max | 16.3 | 20.1 | 38.3 | 36.2 | .00 | 29.09 | 985.0 | 1101.3 | 1.58 |
| Hr. of Max | 00 | 00 | 15 | 16 | 23 | 10 | 10 | 13 | 13 |
| Min | 11.9 | 11.1 | 14.4 | 15.7 | .00 | 29.00 | 982.0 | -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)

6/4/2018

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 | 323.3 | 317.7 | 315.5 | 318.0 | 287.7 | 308.4 | 287.2 | 308.9 | 31.2 |
| 01:00 | 55.3 | 65.9 | 55.8 | 68.5 | 15.0 | 57.9 | 15.7 | 59.7 | 12.3 |
| 02:00 | 93.4 | 357.7 | 101.8 | 6.5 | 302.9 | 345.6 | 281.9 | 351.0 | 30.9 |
| 03:00 | 216.0 | 248.1 | 240.3 | 246.4 | 273.5 | 241.4 | 258.4 | 239.9 | 48.9 |
| 04:00 | 235.0 | 208.9 | 230.1 | 218.5 | 290.8 | 200.3 | 293.1 | 210.7 | 24.3 |
| 05:00 | 245.3 | 208.4 | 233.8 | 223.8 | 268.8 | 201.9 | 258.8 | 216.3 | 56.5 |
| 06:00 | 46.9 | 223.3 | 26.2 | 237.9 | 280.9 | 213.1 | 279.4 | 227.3 | 50.5 |
| 07:00 | 59.2 | 68.1 | 58.3 | 73.1 | 124.5 | 119.7 | 99.6 | 73.2 | 22.4 |
| 08:00 | 227.5 | 265.7 | 234.6 | 280.5 | 200.9 | 257.3 | 200.4 | 269.5 | 34.3 |
| 09:00 | 263.5 | 271.2 | 263.1 | 267.5 | 238.0 | 261.4 | 236.2 | 259.9 | 43.1 |
| 10:00 | 16.6 | 325.1 | 311.4 | 322.0 | 308.8 | 318.0 | 312.9 | 323.7 | 73.9 |
| 11:00 | 331.8 | 336.2 | 328.0 | 334.3 | 308.1 | 326.3 | 309.7 | 324.8 | 59.3 |
| 12:00 | 31.0 | 24.6 | 18.5 | 17.9 | 41.7 | 16.7 | 26.5 | 8.2 | 58.3 |
| 13:00 | 322.0 | 323.7 | 320.8 | 323.3 | 302.0 | 315.1 | 304.8 | 314.4 | 50.9 |
| 14:00 | 351.6 | 349.9 | 347.8 | 341.2 | 320.0 | 338.4 | 326.7 | 331.5 | 59.2 |
| 15:00 | 282.4 | 278.1 | 283.1 | 280.7 | 267.4 | 271.2 | 270.0 | 273.0 | 51.7 |
| 16:00 | 275.0 | 279.6 | 275.3 | 279.2 | 265.4 | 272.8 | 263.2 | 271.8 | 25.4 |
| 17:00 | 286.8 | 287.9 | 283.6 | 287.6 | 270.7 | 280.7 | 268.1 | 280.1 | 28.2 |
| 18:00 | 285.7 | 288.1 | 285.8 | 288.2 | 275.5 | 281.1 | 275.6 | 280.9 | 19.8 |
| 19:00 | 288.1 | 290.3 | 288.1 | 290.2 | 274.4 | 282.9 | 273.3 | 282.3 | 17.9 |
| 20:00 | 293.1 | 300.1 | 294.0 | 300.5 | 272.3 | 291.4 | 272.6 | 291.5 | 14.9 |
| 21:00 | 305.4 | 307.4 | 305.4 | 307.7 | 288.5 | 297.7 | 288.6 | 298.2 | 12.5 |
| 22:00 | 302.8 | 300.0 | 300.4 | 299.9 | 300.1 | 290.5 | 298.8 | 290.3 | 15.9 |
| 23:00 | 337.0 | 327.5 | 336.4 | 328.8 | 331.7 | 316.4 | 332.2 | 317.9 | 16.0 |
| Avg | 310.0 | 301.0 | .0 | .0 | 288.0 | 289.0 | .0 | .0 | 35.8 |
| Max | 351.6 | 357.7 | 347.8 | 341.2 | 331.7 | 345.6 | 332.2 | 351.0 | 73.9 |
| Hr. of Max | 14 | 02 | 14 | 14 | 23 | 02 | 23 | 02 | 10 |
| Min | 16.6 | 24.6 | 18.5 | 6.5 | 15.0 | 16.7 | 15.7 | 8.2 | 12.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/5/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2018

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 | 15.1 | 47.9 | 13.9 | 2.8 | 5.0 | 3.2 | 5.1 | 1.4 | 2.3 |
| 01:00 | 18.6 | 50.7 | 17.9 | 1.8 | 1.7 | 1.9 | 1.9 | .9 | .9 |
| 02:00 | 30.1 | 46.2 | 33.9 | .3 | .4 | .7 | .9 | .3 | .4 |
| 03:00 | 13.6 | 43.6 | 14.1 | 1.1 | 2.2 | 1.2 | 2.3 | .6 | 1.0 |
| 04:00 | 23.5 | 74.0 | 28.1 | 1.2 | 2.0 | 1.3 | 2.1 | .6 | 1.0 |
| 05:00 | 21.7 | 51.9 | 23.0 | 1.3 | 2.0 | 1.5 | 2.4 | .7 | 1.1 |
| 06:00 | 39.5 | 32.8 | 46.1 | .3 | .8 | .6 | 1.0 | .3 | .4 |
| 07:00 | 21.3 | 67.9 | 61.5 | .6 | .1 | .6 | .4 | .3 | .2 |
| 08:00 | 26.7 | 37.0 | 28.9 | 1.0 | 1.1 | 1.6 | 1.7 | .7 | .8 |
| 09:00 | 24.2 | 38.3 | 33.6 | 1.6 | 1.8 | 1.9 | 2.0 | .9 | .9 |
| 10:00 | 63.2 | 70.4 | 67.1 | .2 | .5 | 1.5 | 1.7 | .7 | .7 |
| 11:00 | 51.1 | 68.1 | 49.7 | 2.8 | 3.3 | 4.2 | 4.5 | 1.9 | 2.0 |
| 12:00 | 50.2 | 71.7 | 49.2 | 2.4 | 3.3 | 4.0 | 4.8 | 1.8 | 2.2 |
| 13:00 | 47.0 | 56.5 | 48.3 | 2.3 | 2.7 | 3.7 | 4.0 | 1.7 | 1.8 |
| 14:00 | 46.3 | 62.6 | 47.7 | 2.2 | 2.6 | 3.1 | 3.6 | 1.4 | 1.6 |
| 15:00 | 37.3 | 49.9 | 37.9 | 4.0 | 5.1 | 5.3 | 6.1 | 2.4 | 2.7 |
| 16:00 | 21.3 | 27.3 | 20.4 | 7.3 | 9.0 | 8.0 | 9.6 | 3.6 | 4.3 |
| 17:00 | 22.6 | 33.2 | 21.2 | 5.5 | 7.1 | 6.1 | 7.7 | 2.7 | 3.4 |
| 18:00 | 15.1 | 25.3 | 13.4 | 5.3 | 7.0 | 5.7 | 7.4 | 2.6 | 3.3 |
| 19:00 | 12.8 | 21.6 | 11.8 | 4.0 | 6.4 | 4.2 | 6.6 | 1.9 | 2.9 |
| 20:00 | 10.9 | 14.9 | 9.8 | 4.3 | 6.5 | 4.5 | 6.6 | 2.0 | 3.0 |
| 21:00 | 9.5 | 12.8 | 8.6 | 4.8 | 7.1 | 4.9 | 7.2 | 2.2 | 3.2 |
| 22:00 | 6.3 | 45.9 | 6.0 | 4.2 | 7.3 | 4.3 | 7.4 | 1.9 | 3.3 |
| 23:00 | 9.7 | 40.5 | 8.3 | 4.8 | 7.8 | 5.0 | 8.0 | 2.2 | 3.6 |
| Avg | 26.6 | 45.5 | 29.2 | 1.5 | 1.5 | 3.3 | 4.4 | 1.5 | 2.0 |
| Max | 63.2 | 74.0 | 67.1 | 7.3 | 9.0 | 8.0 | 9.6 | 3.6 | 4.3 |
| Hr. of Max | 10 | 04 | 10 | 16 | 16 | 16 | 16 | 16 | 16 |
| Min | 6.3 | 12.8 | 6.0 | .2 | .1 | .6 | .4 | .3 | .2 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/5/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2018

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 | 1.2 | 5.1 | 1.6 | 5.2 | .7 | 2.3 | 1.0 | .5 | -.02 |
| 01:00 | .9 | 1.9 | 1.1 | 2.1 | .5 | .9 | 2.2 | .1 | .02 |
| 02:00 | .9 | .5 | 1.3 | 1.2 | .6 | .6 | 2.3 | -.6 | .04 |
| 03:00 | 1.0 | 2.4 | 1.2 | 2.5 | .6 | 1.1 | 2.1 | 1.9 | .06 |
| 04:00 | .3 | 2.2 | .5 | 2.5 | .2 | 1.1 | .1 | .4 | .00 |
| 05:00 | .8 | 2.1 | 1.1 | 2.7 | .5 | 1.2 | .5 | 2.4 | .01 |
| 06:00 | .8 | .9 | .9 | 1.3 | .4 | .6 | .5 | -2.2 | .00 |
| 07:00 | .2 | .2 | .6 | .6 | .3 | .3 | 2.3 | -1.2 | .04 |
| 08:00 | 1.5 | 1.3 | 1.9 | 2.1 | .8 | .9 | -1.2 | -1.3 | -.02 |
| 09:00 | 1.9 | 2.1 | 2.4 | 2.4 | 1.1 | 1.1 | -2.4 | 3.8 | -.13 |
| 10:00 | .3 | .7 | 2.0 | 2.4 | .9 | 1.1 | -9.4 | -9.9 | -.45 |
| 11:00 | 1.9 | 3.7 | 4.0 | 5.2 | 1.8 | 2.3 | .0 | 3.9 | -.21 |
| 12:00 | 1.4 | 3.6 | 3.9 | 5.5 | 1.7 | 2.5 | 3.6 | 2.0 | .01 |
| 13:00 | 1.9 | 3.1 | 3.6 | 4.6 | 1.6 | 2.1 | -3.4 | .4 | -.39 |
| 14:00 | 1.6 | 3.1 | 3.5 | 4.4 | 1.5 | 2.0 | -3.4 | -8.7 | -.31 |
| 15:00 | 3.3 | 5.6 | 4.7 | 6.7 | 2.1 | 3.0 | 1.5 | 4.7 | -.05 |
| 16:00 | 6.2 | 9.4 | 6.7 | 10.0 | 3.0 | 4.5 | -.2 | -.4 | -.33 |
| 17:00 | 4.5 | 7.5 | 5.1 | 8.0 | 2.3 | 3.6 | .8 | 1.2 | -.19 |
| 18:00 | 3.6 | 7.3 | 4.1 | 7.6 | 1.8 | 3.4 | -.5 | -1.0 | -.20 |
| 19:00 | 2.6 | 6.4 | 2.8 | 6.6 | 1.2 | 2.9 | -2.3 | -2.5 | -.21 |
| 20:00 | 2.9 | 6.4 | 3.0 | 6.5 | 1.4 | 2.9 | -3.7 | -4.5 | -.25 |
| 21:00 | 2.7 | 7.0 | 2.7 | 7.1 | 1.2 | 3.2 | -4.4 | -5.0 | -.24 |
| 22:00 | 1.5 | 6.9 | 1.8 | 7.0 | .8 | 3.1 | 2.1 | -.6 | .06 |
| 23:00 | 2.1 | 8.1 | 2.6 | 8.2 | 1.1 | 3.7 | .6 | 1.0 | -.05 |
| Avg | 1.4 | 1.4 | 2.6 | 4.7 | 1.2 | 2.1 | -.5 | -.7 | -.12 |
| Max | 6.2 | 9.4 | 6.7 | 10.0 | 3.0 | 4.5 | 3.6 | 4.7 | .06 |
| Hr. of Max | 16 | 16 | 16 | 16 | 16 | 16 | 12 | 15 | 22 |
| Min | .2 | .2 | .5 | .6 | .2 | .3 | -9.4 | -9.9 | -.45 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/5/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2018

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 | -.03 | 9.8 | 15.8 | 5.1 | 15.0 | 10.1 | 20.7 | 22.8 |
| 01:00 | .00 | 3.9 | 4.6 | 3.2 | 9.8 | 8.1 | 18.6 | 20.4 |
| 02:00 | -.01 | 2.5 | 4.8 | 3.2 | 7.4 | 11.8 | 17.3 | 19.3 |
| 03:00 | .11 | 4.1 | 4.8 | 3.7 | 9.5 | 8.4 | 16.1 | 18.9 |
| 04:00 | .05 | 3.9 | 9.2 | 2.0 | 11.1 | 6.7 | 15.3 | 17.1 |
| 05:00 | .14 | 4.4 | 5.0 | 3.0 | 11.1 | 8.9 | 14.7 | 16.0 |
| 06:00 | -.04 | 2.3 | 4.6 | 2.3 | 8.3 | 8.7 | 14.3 | 15.7 |
| 07:00 | -.02 | 2.3 | 2.5 | 2.1 | 14.7 | 10.9 | 15.6 | 16.0 |
| 08:00 | -.05 | 5.3 | 6.2 | 5.2 | 19.5 | 19.4 | 18.5 | 18.0 |
| 09:00 | .21 | 5.5 | 5.7 | 5.9 | 26.3 | 27.1 | 21.3 | 20.7 |
| 10:00 | -.65 | 8.0 | 9.2 | 8.8 | 31.9 | 36.7 | 23.4 | 22.8 |
| 11:00 | .05 | 12.6 | 12.8 | 13.3 | 25.1 | 25.7 | 24.6 | 23.9 |
| 12:00 | .11 | 16.3 | 13.3 | 11.9 | 28.0 | 25.0 | 25.6 | 24.6 |
| 13:00 | -.16 | 9.8 | 9.2 | 9.9 | 27.5 | 26.6 | 26.1 | 25.2 |
| 14:00 | -.58 | 11.4 | 10.8 | 10.2 | 28.8 | 29.1 | 26.6 | 25.8 |
| 15:00 | .29 | 14.0 | 15.1 | 16.3 | 24.3 | 22.6 | 27.2 | 26.3 |
| 16:00 | -.46 | 20.8 | 30.5 | 21.8 | 19.5 | 16.3 | 27.1 | 26.3 |
| 17:00 | -.17 | 14.9 | 16.0 | 16.1 | 21.9 | 16.5 | 26.9 | 26.1 |
| 18:00 | -.32 | 13.3 | 13.1 | 11.0 | 18.5 | 11.2 | 25.9 | 25.4 |
| 19:00 | -.38 | 12.6 | 15.6 | 7.2 | 16.4 | 10.0 | 24.5 | 24.3 |
| 20:00 | -.63 | 11.2 | 12.4 | 7.9 | 11.8 | 8.8 | 23.7 | 23.7 |
| 21:00 | -.71 | 9.6 | 12.1 | 6.2 | 10.3 | 6.9 | 23.2 | 23.4 |
| 22:00 | -.11 | 9.8 | 16.3 | 5.7 | 16.1 | 5.2 | 20.7 | 22.7 |
| 23:00 | .07 | 9.4 | 12.8 | 9.8 | 15.8 | 6.5 | 20.0 | 21.5 |
| Avg | -.14 | 9.1 | 10.9 | 8.0 | 17.9 | 15.3 | 21.6 | 22.0 |
| Max | .29 | 20.8 | 30.5 | 21.8 | 31.9 | 36.7 | 27.2 | 26.3 |
| Hr. of Max | 15 | 16 | 16 | 16 | 10 | 10 | 15 | 16 |
| Min | -.71 | 2.3 | 2.5 | 2.0 | 7.4 | 5.2 | 14.3 | 15.7 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |