Date Printed: 10/2/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

10/1/2018

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 | 20.0 | 20.9 | 21.2 | 22.3 | 68.0 | 69.6 | 70.2 | 72.2 | .89 |
| 01:00 | 20.1 | 20.8 | 21.0 | 21.4 | 68.2 | 69.5 | 69.8 | 70.5 | .74 |
| 02:00 | 19.8 | 20.6 | 20.6 | 20.8 | 67.6 | 69.1 | 69.0 | 69.5 | .81 |
| 03:00 | 19.9 | 20.6 | 20.5 | 20.8 | 67.8 | 69.0 | 69.0 | 69.4 | .65 |
| 04:00 | 19.9 | 20.5 | 20.5 | 20.8 | 67.8 | 68.8 | 69.0 | 69.5 | .58 |
| 05:00 | 20.0 | 20.5 | 20.5 | 21.1 | 68.0 | 68.9 | 69.0 | 70.0 | .50 |
| 06:00 | 20.1 | 20.5 | 20.7 | 21.7 | 68.2 | 68.8 | 69.3 | 71.0 | .37 |
| 07:00 | 20.2 | 20.5 | 20.6 | 20.8 | 68.3 | 68.9 | 69.1 | 69.4 | .36 |
| 08:00 | 20.7 | 20.7 | 20.5 | 20.5 | 69.2 | 69.2 | 68.9 | 68.9 | -.01 |
| 09:00 | 21.9 | 21.6 | 21.4 | 21.4 | 71.4 | 71.0 | 70.5 | 70.5 | -.25 |
| 10:00 | 23.9 | 23.4 | 23.2 | 23.0 | 75.1 | 74.2 | 73.8 | 73.5 | -.50 |
| 11:00 | 25.6 | 24.7 | 24.5 | 24.3 | 78.1 | 76.6 | 76.1 | 75.8 | -.86 |
| 12:00 | 26.9 | 26.0 | 25.6 | 25.6 | 80.5 | 78.8 | 78.1 | 78.0 | -.97 |
| 13:00 | 28.0 | 27.0 | 26.6 | 26.5 | 82.5 | 80.5 | 79.8 | 79.7 | -1.06 |
| 14:00 | 28.4 | 27.5 | 27.2 | 27.1 | 83.2 | 81.5 | 80.9 | 80.7 | -.91 |
| 15:00 | 28.2 | 27.4 | 27.1 | 27.0 | 82.7 | 81.3 | 80.7 | 80.6 | -.77 |
| 16:00 | 28.2 | 27.6 | 27.2 | 27.2 | 82.8 | 81.7 | 81.0 | 80.9 | -.65 |
| 17:00 | 27.3 | 27.1 | 26.9 | 26.9 | 81.2 | 80.8 | 80.4 | 80.5 | -.24 |
| 18:00 | 25.2 | 25.6 | 26.0 | 26.1 | 77.3 | 78.1 | 78.8 | 79.1 | .48 |
| 19:00 | 23.8 | 24.0 | 24.0 | 24.2 | 74.9 | 75.2 | 75.2 | 75.5 | .16 |
| 20:00 | 22.7 | 23.0 | 23.2 | 23.6 | 72.8 | 73.4 | 73.7 | 74.5 | .35 |
| 21:00 | 21.7 | 22.1 | 22.6 | 22.9 | 71.0 | 71.9 | 72.7 | 73.2 | .49 |
| 22:00 | 20.8 | 21.5 | 21.9 | 22.2 | 69.5 | 70.7 | 71.4 | 72.0 | .66 |
| 23:00 | 20.1 | 20.9 | 21.3 | 21.8 | 68.2 | 69.7 | 70.4 | 71.2 | .84 |
| Avg | 23.1 | 23.1 | 23.1 | 23.3 | 73.5 | 73.6 | 73.6 | 74.0 | .07 |
| Max | 28.4 | 27.6 | 27.2 | 27.2 | 83.2 | 81.7 | 81.0 | 80.9 | .89 |
| Hr. of Max | 14 | 16 | 16 | 16 | 14 | 16 | 16 | 16 | 00 |
| Min | 19.8 | 20.5 | 20.5 | 20.5 | 67.6 | 68.8 | 68.9 | 68.9 | -1.06 |
| 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)

10/1/2018

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 | 1.23 | 2.30 | .34 | 1.42 | 18.8 | 19.6 | 65.8 | 67.4 | 20.1 |
| 01:00 | .89 | 1.30 | .15 | .57 | 19.0 | 19.7 | 66.2 | 67.5 | 20.1 |
| 02:00 | .78 | 1.03 | -.03 | .22 | 18.9 | 19.7 | 66.0 | 67.5 | 20.0 |
| 03:00 | .63 | .86 | -.02 | .21 | 19.0 | 19.6 | 66.1 | 67.3 | 19.9 |
| 04:00 | .66 | .97 | .08 | .40 | 19.0 | 19.5 | 66.1 | 67.1 | 19.8 |
| 05:00 | .53 | 1.12 | .03 | .62 | 19.2 | 19.7 | 66.5 | 67.4 | 20.0 |
| 06:00 | .62 | 1.56 | .24 | 1.19 | 19.2 | 19.5 | 66.5 | 67.1 | 19.8 |
| 07:00 | .44 | .64 | .09 | .28 | 19.3 | 19.7 | 66.7 | 67.4 | 19.9 |
| 08:00 | -.17 | -.17 | -.16 | -.16 | 19.6 | 19.6 | 67.2 | 67.2 | 19.9 |
| 09:00 | -.49 | -.53 | -.24 | -.28 | 19.4 | 19.1 | 66.9 | 66.4 | 20.0 |
| 10:00 | -.75 | -.90 | -.25 | -.40 | 18.6 | 18.1 | 65.5 | 64.6 | 19.9 |
| 11:00 | -1.13 | -1.28 | -.27 | -.42 | 18.2 | 17.4 | 64.7 | 63.3 | 19.9 |
| 12:00 | -1.33 | -1.38 | -.36 | -.41 | 18.0 | 17.1 | 64.5 | 62.9 | 20.1 |
| 13:00 | -1.46 | -1.52 | -.39 | -.46 | 17.8 | 16.9 | 64.1 | 62.4 | 20.2 |
| 14:00 | -1.27 | -1.38 | -.36 | -.47 | 17.3 | 16.5 | 63.2 | 61.7 | 20.2 |
| 15:00 | -1.10 | -1.17 | -.33 | -.40 | 17.8 | 17.1 | 64.1 | 62.8 | 20.5 |
| 16:00 | -.99 | -1.05 | -.34 | -.40 | 17.9 | 17.3 | 64.2 | 63.1 | 20.7 |
| 17:00 | -.42 | -.40 | -.19 | -.17 | 19.1 | 18.9 | 66.4 | 66.0 | 21.6 |
| 18:00 | .84 | .99 | .35 | .51 | 20.2 | 20.6 | 68.3 | 69.1 | 22.3 |
| 19:00 | .15 | .33 | -.01 | .16 | 20.3 | 20.5 | 68.5 | 68.8 | 21.6 |
| 20:00 | .53 | .96 | .18 | .61 | 20.3 | 20.6 | 68.5 | 69.1 | 21.4 |
| 21:00 | .99 | 1.22 | .49 | .72 | 20.0 | 20.4 | 67.9 | 68.8 | 21.0 |
| 22:00 | 1.02 | 1.40 | .36 | .74 | 19.6 | 20.2 | 67.2 | 68.3 | 20.6 |
| 23:00 | 1.24 | 1.68 | .40 | .84 | 19.1 | 19.9 | 66.4 | 67.8 | 20.2 |
| Avg | .06 | .27 | -.01 | .21 | 19.0 | 19.1 | 66.1 | 66.3 | 20.4 |
| Max | 1.24 | 2.30 | .49 | 1.42 | 20.3 | 20.6 | 68.5 | 69.1 | 22.3 |
| Hr. of Max | 23 | 00 | 21 | 00 | 20 | 20 | 20 | 20 | 18 |
| Min | -1.46 | -1.52 | -.39 | -.47 | 17.3 | 16.5 | 63.2 | 61.7 | 19.8 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 10/2/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

10/1/2018

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 | 19.4 | 94.8 | 94.8 | 16.1 | 16.9 | 0.013922 | 0.014705 | 0.014686 | 0.015512 |
| 01:00 | 19.3 | 95.5 | 95.5 | 16.3 | 17.0 | 0.014103 | 0.014761 | 0.014768 | 0.015457 |
| 02:00 | 20.0 | 96.8 | 96.8 | 16.2 | 17.0 | 0.014034 | 0.014755 | 0.014495 | 0.01524 |
| 03:00 | 19.8 | 96.4 | 96.4 | 16.3 | 16.9 | 0.01408 | 0.014654 | 0.014599 | 0.015194 |
| 04:00 | 19.1 | 96.7 | 96.7 | 16.3 | 16.8 | 0.014083 | 0.014595 | 0.014566 | 0.015096 |
| 05:00 | 19.4 | 97.2 | 97.2 | 16.5 | 16.9 | 0.014271 | 0.014718 | 0.014689 | 0.015149 |
| 06:00 | 16.7 R | 96.6 | 96.6 | 16.4 | 16.8 | 0.014244 | 0.014578 | 0.01475 | 0.015095 |
| 07:00 | 17.0 | 97.0 | 97.0 | 16.6 | 16.9 | 0.014371 | 0.014692 | 0.014811 | 0.015142 |
| 08:00 | 17.6 | 95.8 | 95.8 | 16.8 | 16.8 | 0.014619 | 0.014612 | 0.015265 | 0.015257 |
| 09:00 | 18.3 | 87.7 | 87.7 | 16.6 | 16.3 | 0.014432 | 0.014212 | 0.016466 | 0.016215 |
| 10:00 | 17.0 | 73.9 | 73.9 | 15.7 | 15.3 | 0.013763 | 0.013349 | 0.01865 | 0.018088 |
| 11:00 | 17.4 | 65.2 | 65.2 | 15.3 | 14.6 | 0.013427 | 0.012755 | 0.020585 | 0.019558 |
| 12:00 | 17.3 | 59.7 | 59.7 | 15.1 | 14.3 | 0.013316 | 0.01257 | 0.022293 | 0.021048 |
| 13:00 | 18.1 | 55.4 | 55.4 | 14.8 | 14.0 | 0.013167 | 0.012371 | 0.023782 | 0.022341 |
| 14:00 | 18.5 | 52.4 | 52.4 | 14.4 | 13.7 | 0.012769 | 0.012104 | 0.024367 | 0.023104 |
| 15:00 | 19.2 | 54.8 | 54.8 | 14.8 | 14.2 | 0.013169 | 0.012588 | 0.024014 | 0.022958 |
| 16:00 | 19.1 | 54.9 | 54.9 | 14.9 | 14.4 | 0.01324 | 0.012746 | 0.02411 | 0.02321 |
| 17:00 | 18.2 | 62.5 | 62.5 | 16.1 | 15.9 | 0.014286 | 0.014093 | 0.022884 | 0.022566 |
| 18:00 | 18.2 | 76.0 | 76.0 | 17.3 | 17.7 | 0.015266 | 0.015708 | 0.02012 | 0.020704 |
| 19:00 | 19.5 | 82.7 | 82.7 | 17.4 | 17.6 | 0.015367 | 0.01552 | 0.018595 | 0.018776 |
| 20:00 | 19.4 | 88.5 | 88.5 | 17.5 | 17.8 | 0.015316 | 0.015641 | 0.017304 | 0.01767 |
| 21:00 | 20.1 | 92.3 | 92.3 | 17.2 | 17.7 | 0.015013 | 0.015471 | 0.016268 | 0.016764 |
| 22:00 | 21.1 | 94.5 | 94.5 | 16.8 | 17.4 | 0.014623 | 0.015227 | 0.015472 | 0.016109 |
| 23:00 | 20.6 | 96.0 | 96.0 | 16.4 | 17.2 | 0.014192 | 0.014945 | 0.014782 | 0.015567 |
| Avg | 18.8 | 81.8 | 81.8 | 16.2 | 16.3 | 0.014128 | 0.014224 | 0.018013 | 0.017993 |
| Max | 21.1 | 97.2 | 97.2 | 17.5 | 17.8 | 0.015367 | 0.015708 | 0.024367 | 0.02321 |
| Hr. of Max | 22 | 05 | 05 | 20 | 20 | 19 | 18 | 14 | 16 |
| Min | 16.7 | 52.4 | 52.4 | 14.4 | 13.7 | 0.012769 | 0.012104 | 0.014495 | 0.015095 |
| 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)

10/1/2018

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 | 21.7 | 22.9 | 23.4 | 24.8 | .00 | 29.32 | 993.1 | -1.4 | .00 |
| 01:00 | 22.0 | 23.0 | 23.6 | 24.7 | .00 | 29.32 | 993.0 | -1.4 | .00 |
| 02:00 | 21.9 | 23.0 | 23.1 | 24.3 | .00 | 29.33 | 993.1 | -1.4 | .00 |
| 03:00 | 22.0 | 22.9 | 23.3 | 24.3 | .00 | 29.33 | 993.1 | -1.3 | .00 |
| 04:00 | 22.0 | 22.8 | 23.3 | 24.1 | .00 | 29.32 | 993.0 | -1.4 | .00 |
| 05:00 | 22.3 | 23.0 | 23.5 | 24.2 | .00 | 29.34 | 993.5 | -1.4 | .00 |
| 06:00 | 22.3 | 22.8 | 23.6 | 24.1 | .00 | 29.35 | 993.9 | -1.3 | .00 |
| 07:00 | 22.5 | 22.9 | 23.7 | 24.2 | .00 | 29.36 | 994.3 | 4.5 | .01 |
| 08:00 | 22.8 | 22.8 | 24.4 | 24.4 | .00 | 29.37 | 994.8 | 74.2 | .11 |
| 09:00 | 22.6 | 22.2 | 26.3 | 25.9 | .00 | 29.39 | 995.3 | 222.2 | .32 |
| 10:00 | 21.6 | 20.9 | 29.9 | 29.0 | .00 | 29.40 | 995.6 | 464.3 | .67 |
| 11:00 | 21.0 | 20.0 | 32.9 | 31.3 | .00 | 29.40 | 995.5 | 672.2 | .96 |
| 12:00 | 20.9 | 19.7 | 35.7 | 33.7 | .00 | 29.38 | 995.0 | 692.3 | .99 |
| 13:00 | 20.6 | 19.4 | 38.0 | 35.7 | .00 | 29.36 | 994.2 | 823.8 | 1.18 |
| 14:00 | 20.0 | 19.0 | 38.9 | 36.9 | .00 | 29.33 | 993.1 | 672.5 | .96 |
| 15:00 | 20.6 | 19.7 | 38.3 | 36.6 | .00 | 29.31 | 992.6 | 476.5 | .68 |
| 16:00 | 20.7 | 19.9 | 38.5 | 37.0 | .00 | 29.29 | 992.0 | 446.4 | .64 |
| 17:00 | 22.3 | 22.0 | 36.5 | 36.0 | .00 | 29.28 | 991.6 | 216.4 | .31 |
| 18:00 | 23.8 | 24.4 | 32.1 | 33.0 | .00 | 29.28 | 991.6 | 56.7 | .08 |
| 19:00 | 23.9 | 24.1 | 29.6 | 29.9 | .00 | 29.29 | 991.8 | 1.7 | .00 |
| 20:00 | 23.8 | 24.3 | 27.6 | 28.2 | .00 | 29.29 | 991.8 | -1.3 | .00 |
| 21:00 | 23.4 | 24.1 | 26.0 | 26.7 | .00 | 29.30 | 992.3 | -1.3 | .00 |
| 22:00 | 22.8 | 23.7 | 24.7 | 25.7 | .00 | 29.32 | 992.8 | -1.3 | .00 |
| 23:00 | 22.1 | 23.3 | 23.6 | 24.8 | .00 | 29.32 | 992.8 | -1.3 | .00 |
| Avg | 22.1 | 22.2 | 28.8 | 28.7 | .00 | 29.33 | 993.3 | 200.4 | .29 |
| Max | 23.9 | 24.4 | 38.9 | 37.0 | .00 | 29.40 | 995.6 | 823.8 | 1.18 |
| Hr. of Max | 19 | 18 | 14 | 16 | 23 | 11 | 10 | 13 | 13 |
| Min | 20.0 | 19.0 | 23.1 | 24.1 | .00 | 29.28 | 991.6 | -1.4 | .00 |
| 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)

10/1/2018

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 | 57.4 | 304.9 | 41.7 | 288.1 | 355.4 | 303.4 | 353.1 | 287.8 | 38.2 |
| 01:00 | 57.4 | 78.3 | 60.7 | 74.4 | 33.8 | 69.9 | 29.1 | 65.8 | 33.7 |
| 02:00 | 75.0 | 64.1 | 74.9 | 63.0 | 50.0 | 56.4 | 47.4 | 54.8 | 12.9 |
| 03:00 | 69.0 | 56.5 | 67.9 | 56.4 | 37.7 | 48.3 | 34.3 | 47.9 | 9.2 |
| 04:00 | 63.2 | 53.3 | 66.1 | 53.8 | 25.4 | 44.0 | 36.4 | 44.5 | 10.8 |
| 05:00 | 71.4 | 59.6 | 75.1 | 62.2 | 28.8 | 57.2 | 35.8 | 54.7 | 12.8 |
| 06:00 | 73.3 | 235.4 | 77.1 | 237.9 | 306.9 | 231.1 | 303.1 | 228.1 | 11.6 |
| 07:00 | 58.0 | 79.1 | 65.2 | 76.9 | 34.5 | 70.3 | 32.7 | 68.8 | 33.1 |
| 08:00 | 55.9 | 60.4 | 56.1 | 61.1 | 44.7 | 51.5 | 45.5 | 52.2 | 14.7 |
| 09:00 | 77.7 | 78.6 | 77.8 | 78.3 | 76.5 | 71.0 | 79.5 | 70.1 | 22.8 |
| 10:00 | 173.7 | 186.5 | 180.4 | 186.8 | 174.6 | 179.4 | 171.3 | 176.9 | 55.9 |
| 11:00 | 178.0 | 180.2 | 180.2 | 181.9 | 177.0 | 173.6 | 178.7 | 175.4 | 25.4 |
| 12:00 | 233.3 | 222.4 | 230.6 | 226.4 | 222.3 | 218.1 | 219.1 | 218.8 | 46.5 |
| 13:00 | 219.1 | 221.1 | 222.8 | 221.5 | 210.8 | 215.9 | 217.6 | 215.2 | 41.6 |
| 14:00 | 220.2 | 219.5 | 216.2 | 215.8 | 209.9 | 213.9 | 205.8 | 211.1 | 38.9 |
| 15:00 | 246.8 | 244.5 | 246.8 | 244.2 | 242.4 | 239.3 | 242.1 | 238.9 | 21.3 |
| 16:00 | 277.1 | 272.0 | 277.9 | 274.6 | 267.3 | 264.4 | 269.3 | 266.6 | 45.1 |
| 17:00 | 299.3 | 294.8 | 299.0 | 295.1 | 291.2 | 286.5 | 291.6 | 286.4 | 17.5 |
| 18:00 | 275.1 | 272.0 | 267.1 | 264.7 | 268.9 | 265.1 | 260.6 | 257.8 | 13.7 |
| 19:00 | 237.8 | 230.7 | 237.9 | 231.4 | 238.5 | 225.6 | 239.0 | 226.2 | 9.0 |
| 20:00 | 241.2 | 214.0 | 241.2 | 218.7 | 251.8 | 206.4 | 251.9 | 212.4 | 6.4 |
| 21:00 | 223.3 | 163.8 | 231.3 | 167.2 | 286.5 | 133.6 | 284.2 | 145.8 | 52.1 |
| 22:00 | 226.7 | 125.6 | 243.1 | 216.3 | 260.7 | 179.2 | 259.1 | 202.7 | 43.9 |
| 23:00 | 243.4 | 201.4 | 245.4 | 201.7 | 266.5 | 195.0 | 265.2 | 195.4 | 10.9 |
| Avg | 194.0 | 190.0 | .0 | .0 | 288.0 | 191.0 | .0 | .0 | 26.2 |
| Max | 299.3 | 304.9 | 299.0 | 295.1 | 355.4 | 303.4 | 353.1 | 287.8 | 55.9 |
| Hr. of Max | 17 | 00 | 17 | 17 | 00 | 00 | 00 | 00 | 10 |
| Min | 55.9 | 53.3 | 41.7 | 53.8 | 25.4 | 44.0 | 29.1 | 44.5 | 6.4 |
| 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)

10/1/2018

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 | 27.5 | 45.5 | 24.8 | .9 | 1.3 | 1.2 | 1.5 | .5 | .7 |
| 01:00 | 34.0 | 55.8 | 33.6 | 1.7 | 1.4 | 1.9 | 2.4 | .9 | 1.1 |
| 02:00 | 13.2 | 33.8 | 14.0 | 1.7 | 2.5 | 1.7 | 2.6 | .8 | 1.2 |
| 03:00 | 7.5 | 27.4 | 7.8 | 1.4 | 2.0 | 1.4 | 2.0 | .6 | .9 |
| 04:00 | 8.5 | 35.8 | 9.7 | 1.4 | 1.8 | 1.5 | 1.8 | .7 | .8 |
| 05:00 | 27.5 | 27.0 | 25.9 | 1.1 | 1.4 | 1.1 | 1.7 | .5 | .7 |
| 06:00 | 19.6 | 47.2 | 45.6 | .6 | .7 | .6 | 1.1 | .3 | .5 |
| 07:00 | 40.3 | 47.2 | 41.3 | 1.4 | 1.5 | 1.5 | 1.9 | .7 | .9 |
| 08:00 | 10.4 | 29.9 | 11.5 | 2.2 | 2.3 | 2.3 | 2.4 | 1.0 | 1.1 |
| 09:00 | 25.8 | 48.1 | 24.5 | 1.1 | 1.2 | 1.2 | 1.3 | .5 | .6 |
| 10:00 | 61.3 | 60.6 | 61.7 | 1.4 | 1.5 | 2.0 | 2.0 | .9 | .9 |
| 11:00 | 22.4 | 32.8 | 22.7 | 3.8 | 3.9 | 4.1 | 4.2 | 1.9 | 1.9 |
| 12:00 | 38.1 | 46.9 | 42.7 | 2.2 | 2.5 | 3.6 | 3.8 | 1.6 | 1.7 |
| 13:00 | 33.0 | 47.5 | 33.5 | 3.2 | 3.6 | 4.2 | 4.4 | 1.9 | 2.0 |
| 14:00 | 32.7 | 41.5 | 33.0 | 3.7 | 4.5 | 4.5 | 5.1 | 2.0 | 2.3 |
| 15:00 | 17.2 | 25.1 | 16.9 | 4.9 | 5.4 | 5.4 | 5.8 | 2.4 | 2.6 |
| 16:00 | 36.3 | 45.3 | 36.9 | 2.3 | 2.8 | 2.9 | 3.6 | 1.3 | 1.6 |
| 17:00 | 15.8 | 23.2 | 15.0 | 2.6 | 3.1 | 2.7 | 3.2 | 1.2 | 1.4 |
| 18:00 | 11.4 | 17.1 | 10.8 | 3.6 | 5.0 | 4.0 | 5.5 | 1.8 | 2.4 |
| 19:00 | 4.6 | 18.6 | 4.4 | 3.3 | 5.1 | 3.4 | 5.1 | 1.5 | 2.3 |
| 20:00 | 5.5 | 15.0 | 8.3 | 2.5 | 2.8 | 2.5 | 2.8 | 1.1 | 1.3 |
| 21:00 | 18.3 | 27.2 | 35.3 | .2 | .4 | .5 | .5 | .2 | .2 |
| 22:00 | 28.2 | 10.7 | 46.3 | 1.1 | .5 | 1.1 | .6 | .5 | .3 |
| 23:00 | 8.7 | 16.6 | 9.0 | 1.8 | 2.8 | 1.8 | 2.9 | .8 | 1.3 |
| Avg | 22.8 | 34.4 | 25.6 | 1.7 | 1.7 | 2.4 | 2.8 | 1.1 | 1.3 |
| Max | 61.3 | 60.6 | 61.7 | 4.9 | 5.4 | 5.4 | 5.8 | 2.4 | 2.6 |
| Hr. of Max | 10 | 10 | 10 | 15 | 15 | 15 | 15 | 15 | 15 |
| Min | 4.6 | 10.7 | 4.4 | .2 | .4 | .5 | .5 | .2 | .2 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 10/2/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

10/1/2018

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 | 1.4 | 1.1 | 1.8 | .5 | .8 | 2.0 | 2.3 | .03 |
| 01:00 | .9 | 1.5 | 1.2 | 2.7 | .5 | 1.2 | 1.1 | 2.2 | .02 |
| 02:00 | 1.1 | 2.8 | 1.3 | 2.9 | .6 | 1.3 | -.4 | .2 | -.02 |
| 03:00 | .9 | 2.2 | 1.0 | 2.2 | .4 | 1.0 | 1.0 | -.1 | .01 |
| 04:00 | .7 | 2.0 | .8 | 2.1 | .4 | .9 | .9 | -1.0 | .01 |
| 05:00 | .6 | 1.5 | 1.1 | 1.9 | .5 | .9 | .2 | -.3 | -.01 |
| 06:00 | .2 | .8 | .3 | 1.3 | .2 | .6 | .2 | .6 | .00 |
| 07:00 | .8 | 1.7 | 1.2 | 2.1 | .5 | 1.0 | 1.5 | 1.3 | .01 |
| 08:00 | 1.3 | 2.5 | 1.6 | 2.6 | .7 | 1.2 | -3.4 | -2.8 | -.12 |
| 09:00 | 1.1 | 1.6 | 1.4 | 1.8 | .6 | .8 | .1 | -.8 | .01 |
| 10:00 | 1.6 | 1.7 | 2.4 | 2.6 | 1.1 | 1.2 | 2.1 | 3.8 | .14 |
| 11:00 | 3.5 | 4.3 | 4.0 | 4.7 | 1.8 | 2.1 | -1.8 | -8.1 | -.23 |
| 12:00 | 2.2 | 2.7 | 3.6 | 4.3 | 1.6 | 1.9 | 4.1 | 4.4 | .13 |
| 13:00 | 2.9 | 4.1 | 4.0 | 5.0 | 1.8 | 2.3 | 3.2 | 2.4 | .16 |
| 14:00 | 3.3 | 4.9 | 4.2 | 5.6 | 1.9 | 2.5 | 7.4 | 3.6 | .31 |
| 15:00 | 4.1 | 5.8 | 4.5 | 6.2 | 2.0 | 2.8 | -2.9 | -2.3 | -.35 |
| 16:00 | 2.1 | 3.1 | 2.7 | 4.0 | 1.2 | 1.8 | -1.9 | -3.5 | -.22 |
| 17:00 | 1.9 | 3.2 | 2.0 | 3.3 | .9 | 1.5 | .3 | -4.7 | -.07 |
| 18:00 | 2.0 | 5.2 | 2.2 | 5.6 | 1.0 | 2.5 | -.1 | 1.0 | -.05 |
| 19:00 | 2.0 | 5.4 | 2.1 | 5.4 | .9 | 2.4 | -.3 | .9 | -.06 |
| 20:00 | 1.6 | 3.1 | 1.7 | 3.1 | .7 | 1.4 | .8 | -.5 | .00 |
| 21:00 | .8 | .6 | 1.0 | .8 | .5 | .4 | .9 | 1.2 | .02 |
| 22:00 | 1.5 | .6 | 1.5 | 1.0 | .7 | .5 | -.6 | -1.2 | -.03 |
| 23:00 | 1.0 | 3.0 | 1.1 | 3.1 | .5 | 1.4 | 1.9 | .4 | .04 |
| Avg | 1.6 | 1.6 | 2.0 | 3.2 | .9 | 1.4 | .7 | .0 | -.01 |
| Max | 4.1 | 5.8 | 4.5 | 6.2 | 2.0 | 2.8 | 7.4 | 4.4 | .31 |
| Hr. of Max | 15 | 15 | 15 | 15 | 15 | 15 | 14 | 12 | 14 |
| Min | .2 | .6 | .3 | .8 | .2 | .4 | -3.4 | -8.1 | -.35 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 10/2/2018 01:31

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

10/1/2018

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 | .08 | 3.4 | 5.0 | 3.3 | 9.1 | 10.6 | 22.1 | 23.4 |
| 01:00 | .09 | 3.2 | 7.1 | 2.7 | 7.8 | 7.4 | 22.1 | 22.4 |
| 02:00 | .03 | 3.7 | 5.3 | 2.5 | 9.1 | 10.1 | 21.9 | 21.9 |
| 03:00 | .00 | 3.7 | 3.4 | 2.1 | 8.8 | 6.9 | 21.8 | 21.8 |
| 04:00 | -.03 | 2.7 | 3.4 | 2.1 | 7.9 | 4.2 | 21.7 | 21.9 |
| 05:00 | -.02 | 3.4 | 4.1 | 2.3 | 7.2 | 11.3 | 21.8 | 22.2 |
| 06:00 | .01 | 1.6 | 2.7 | 1.9 | 8.1 | 8.1 | 21.7 | 22.7 |
| 07:00 | .03 | 2.7 | 3.2 | 2.6 | 9.1 | 5.9 | 21.8 | 21.8 |
| 08:00 | -.11 | 4.6 | 4.8 | 3.8 | 15.3 | 6.5 | 22.0 | 21.5 |
| 09:00 | -.06 | 4.1 | 4.8 | 3.9 | 27.6 | 24.4 | 23.0 | 22.4 |
| 10:00 | .32 | 7.6 | 6.6 | 6.9 | 26.8 | 30.1 | 24.6 | 23.9 |
| 11:00 | -.76 | 9.4 | 10.3 | 11.1 | 21.4 | 20.3 | 25.7 | 25.0 |
| 12:00 | .39 | 9.8 | 9.8 | 10.0 | 23.5 | 25.2 | 26.9 | 26.1 |
| 13:00 | .00 | 14.2 | 12.8 | 10.9 | 24.2 | 26.3 | 27.7 | 26.9 |
| 14:00 | .18 | 10.3 | 12.6 | 10.8 | 24.1 | 22.2 | 28.2 | 27.4 |
| 15:00 | -.31 | 11.9 | 13.5 | 9.0 | 16.6 | 12.4 | 28.2 | 27.4 |
| 16:00 | -.28 | 6.9 | 7.8 | 7.4 | 26.5 | 18.9 | 28.6 | 27.7 |
| 17:00 | -.31 | 4.8 | 6.2 | 5.2 | 18.8 | 10.3 | 28.2 | 27.6 |
| 18:00 | .08 | 9.2 | 11.0 | 7.5 | 9.6 | 4.7 | 26.8 | 26.9 |
| 19:00 | .09 | 14.2 | 16.3 | 8.3 | 10.0 | 2.8 | 25.3 | 25.2 |
| 20:00 | .00 | 4.6 | 7.3 | 3.7 | 5.7 | 5.2 | 24.3 | 24.7 |
| 21:00 | .02 | 2.7 | 2.3 | 1.9 | 5.7 | 10.6 | 23.4 | 24.0 |
| 22:00 | -.03 | 3.2 | 3.7 | 3.3 | 5.1 | 9.6 | 22.9 | 23.4 |
| 23:00 | .02 | 4.8 | 6.4 | 2.2 | 7.3 | 3.7 | 22.2 | 23.0 |
| Avg | -.02 | 6.1 | 7.1 | 5.2 | 14.0 | 12.4 | 24.3 | 24.2 |
| Max | .39 | 14.2 | 16.3 | 11.1 | 27.6 | 30.1 | 28.6 | 27.7 |
| Hr. of Max | 12 | 19 | 19 | 11 | 09 | 10 | 16 | 16 |
| Min | -.76 | 1.6 | 2.3 | 1.9 | 5.1 | 2.8 | 21.7 | 21.5 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |