Date Printed: 5/26/2018 07:29

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

5/25/2018

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 | 22.8 | 23.8 | 24.2 | 24.4 | 73.1 | 74.9 | 75.5 | 75.9 | .99 |
| 01:00 | 22.1 | 23.2 | 23.5 | 23.8 | 71.8 | 73.7 | 74.4 | 74.9 | 1.04 |
| 02:00 | 21.6 | 22.4 | 22.9 | 23.3 | 70.9 | 72.4 | 73.2 | 73.9 | .81 |
| 03:00 | 20.8 | 21.8 | 22.6 | 23.3 | 69.4 | 71.2 | 72.7 | 74.0 | .97 |
| 04:00 | 20.0 | 21.3 | 21.9 | 22.4 | 68.0 | 70.3 | 71.4 | 72.4 | 1.29 |
| 05:00 | 19.7 | 21.0 | 21.5 | 22.1 | 67.4 | 69.7 | 70.8 | 71.8 | 1.28 |
| 06:00 | 19.3 | 20.0 | 21.2 | 21.6 | 66.7 | 68.1 | 70.2 | 70.9 | .74 |
| 07:00 | 20.9 | 21.1 | 21.4 | 21.8 | 69.5 | 70.0 | 70.6 | 71.2 | .25 |
| 08:00 | 22.9 | 22.5 | 22.3 | 22.2 | 73.2 | 72.6 | 72.2 | 72.0 | -.36 |
| 09:00 | 24.8 | 24.1 | 23.8 | 23.7 | 76.6 | 75.4 | 74.9 | 74.6 | -.67 |
| 10:00 | 26.0 | 25.1 | 24.8 | 24.6 | 78.8 | 77.3 | 76.7 | 76.3 | -.84 |
| 11:00 | 27.2 | 26.2 | 25.8 | 25.7 | 81.0 | 79.2 | 78.5 | 78.2 | -1.02 |
| 12:00 | 28.1 | 26.9 | 26.5 | 26.4 | 82.5 | 80.4 | 79.8 | 79.5 | -1.17 |
| 13:00 | 28.5 | 27.6 | 27.2 | 27.1 | 83.4 | 81.6 | 81.0 | 80.7 | -.96 |
| 14:00 | 29.1 | 28.1 | 27.8 | 27.7 | 84.4 | 82.6 | 82.1 | 81.9 | -1.01 |
| 15:00 | 30.0 | 28.8 | 28.5 | 28.4 | 86.1 | 83.9 | 83.3 | 83.2 | -1.22 |
| 16:00 | 30.2 | 29.3 | 29.0 | 28.8 | 86.4 | 84.7 | 84.1 | 83.8 | -.93 |
| 17:00 | 30.4 | 29.8 | 29.4 | 29.3 | 86.8 | 85.6 | 84.9 | 84.7 | -.67 |
| 18:00 | 29.1 | 28.8 | 28.7 | 28.6 | 84.3 | 83.8 | 83.6 | 83.5 | -.28 |
| 19:00 | 23.4 | 24.2 | 24.6 | 24.9 | 74.1 | 75.5 | 76.2 | 76.8 | .80 |
| 20:00 | 21.8 | 22.7 | 23.6 | 24.2 | 71.2 | 72.8 | 74.5 | 75.5 | .92 |
| 21:00 | 21.5 | 22.7 | 23.4 | 24.4 | 70.7 | 72.8 | 74.1 | 75.8 | 1.13 |
| 22:00 | 21.7 | 22.7 | 23.4 | 23.8 | 71.1 | 72.8 | 74.2 | 74.9 | .95 |
| 23:00 | 21.4 | 21.8 | 22.8 | 23.4 | 70.5 | 71.2 | 73.0 | 74.1 | .42 |
| Avg | 24.3 | 24.4 | 24.6 | 24.8 | 75.7 | 75.9 | 76.3 | 76.7 | .10 |
| Max | 30.4 | 29.8 | 29.4 | 29.3 | 86.8 | 85.6 | 84.9 | 84.7 | 1.29 |
| Hr. of Max | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 04 |
| Min | 19.3 | 20.0 | 21.2 | 21.6 | 66.7 | 68.1 | 70.2 | 70.9 | -1.22 |
| 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)

5/25/2018

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 | 1.34 | 1.55 | .35 | .56 | 19.2 | 20.1 | 66.5 | 68.2 | 21.3 |
| 01:00 | 1.42 | 1.69 | .39 | .65 | 19.1 | 20.1 | 66.4 | 68.2 | 21.1 |
| 02:00 | 1.31 | 1.65 | .49 | .84 | 18.9 | 19.7 | 66.1 | 67.5 | 20.6 |
| 03:00 | 1.83 | 2.54 | .86 | 1.57 | 18.8 | 19.7 | 65.8 | 67.5 | 20.4 |
| 04:00 | 1.88 | 2.43 | .59 | 1.13 | 18.4 | 19.7 | 65.1 | 67.4 | 20.2 |
| 05:00 | 1.87 | 2.43 | .58 | 1.15 | 18.2 | 19.4 | 64.7 | 66.9 | |
| 06:00 | 1.91 | 2.33 | 1.17 | 1.59 | 18.0 | 18.7 | 64.4 | 65.7 | 19.2 |
| 07:00 | .57 | .92 | .32 | .66 | 18.7 | 19.0 | 65.7 | 66.2 | 19.7 |
| 08:00 | -.57 | -.69 | -.21 | -.34 | 19.0 | 18.7 | 66.2 | 65.6 | 20.0 |
| 09:00 | -.99 | -1.12 | -.32 | -.46 | 18.7 | 18.0 | 65.6 | 64.5 | 20.1 |
| 10:00 | -1.18 | -1.36 | -.34 | -.52 | 18.7 | 17.9 | 65.7 | 64.3 | 20.3 |
| 11:00 | -1.41 | -1.55 | -.39 | -.54 | 18.6 | 17.7 | 65.4 | 63.8 | 20.5 |
| 12:00 | -1.54 | -1.66 | -.37 | -.49 | 18.7 | 17.6 | 65.6 | 63.7 | 20.7 |
| 13:00 | -1.31 | -1.47 | -.34 | -.51 | 18.7 | 17.8 | 65.7 | 64.1 | 21.1 |
| 14:00 | -1.29 | -1.38 | -.28 | -.37 | 18.9 | 18.0 | 66.0 | 64.4 | 21.4 |
| 15:00 | -1.54 | -1.61 | -.32 | -.39 | 18.6 | 17.6 | 65.6 | 63.6 | 21.3 |
| 16:00 | -1.25 | -1.41 | -.32 | -.47 | 18.6 | 17.8 | 65.5 | 64.0 | 21.6 |
| 17:00 | -1.04 | -1.15 | -.38 | -.48 | 17.9 | 17.3 | 64.2 | 63.1 | 21.4 |
| 18:00 | -.38 | -.45 | -.10 | -.16 | 18.7 | 18.5 | 65.7 | 65.2 | 21.9 |
| 19:00 | 1.19 | 1.51 | .39 | .71 | 20.2 | 21.0 | 68.3 | 69.7 | 22.0 |
| 20:00 | 1.86 | 2.41 | .94 | 1.49 | 20.3 | 21.2 | 68.5 | 70.1 | 21.7 |
| 21:00 | 1.86 | 2.83 | .73 | 1.70 | 20.4 | 21.5 | 68.7 | 70.7 | 21.9 |
| 22:00 | 1.69 | 2.08 | .74 | 1.12 | 20.3 | 21.2 | 68.5 | 70.2 | 21.7 |
| 23:00 | 1.40 | 2.00 | .98 | 1.59 | 20.4 | 20.8 | 68.7 | 69.4 | 21.1 |
| Avg | .32 | .52 | .22 | .42 | 19.0 | 19.1 | 66.2 | 66.4 | 20.9 |
| Max | 1.91 | 2.83 | 1.17 | 1.70 | 20.4 | 21.5 | 68.7 | 70.7 | 22.0 |
| Hr. of Max | 06 | 21 | 06 | 21 | 23 | 21 | 23 | 21 | 19 |
| Min | -1.54 | -1.66 | -.39 | -.54 | 17.9 | 17.3 | 64.2 | 63.1 | 19.2 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 |
| 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)

5/25/2018

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 | 24.4 | 81.7 | 81.7 | 16.3 | 17.2 | 0.014364 | 0.015252 | 0.017575 | 0.018662 |
| 01:00 | 24.1 | 85.1 | 85.1 | 16.3 | 17.3 | 0.01432 | 0.015251 | 0.01683 | 0.017922 |
| 02:00 | 23.9 | 86.8 | 86.8 | 16.1 | 16.9 | 0.014148 | 0.01487 | 0.01631 | 0.017143 |
| 03:00 | 23.7 | 90.4 | 90.4 | 16.0 | 16.9 | 0.01402 | 0.01488 | 0.015514 | 0.016464 |
| 04:00 | 23.5 | 92.6 | 92.6 | 15.7 | 16.9 | 0.013691 | 0.014828 | 0.014778 | 0.016005 |
| 05:00 | 23.3 | 93.0 | 93.0 | 15.5 | 16.6 | 0.013463 | 0.014576 | 0.014477 | 0.015675 |
| 06:00 | 23.2 | 94.2 | 94.2 | 15.3 | 16.0 | 0.013333 | 0.013957 | 0.014149 | 0.014812 |
| 07:00 | 23.0 | 89.8 | 89.8 | 16.0 | 16.2 | 0.013973 | 0.014192 | 0.015596 | 0.015824 |
| 08:00 | 22.9 | 80.7 | 80.7 | 16.1 | 15.8 | 0.01422 | 0.013914 | 0.017644 | 0.017264 |
| 09:00 | 22.8 | 70.5 | 70.5 | 15.7 | 15.2 | 0.013945 | 0.013399 | 0.01979 | 0.019013 |
| 10:00 | 22.8 | 65.9 | 65.9 | 15.7 | 15.0 | 0.013993 | 0.013309 | 0.021255 | 0.020214 |
| 11:00 | 22.9 | 60.8 | 60.8 | 15.6 | 14.7 | 0.013916 | 0.013102 | 0.022895 | 0.021559 |
| 12:00 | 23.3 | 58.3 | 58.3 | 15.6 | 14.7 | 0.014017 | 0.01308 | 0.024045 | 0.022441 |
| 13:00 | 23.7 | 56.9 | 56.9 | 15.6 | 14.9 | 0.014065 | 0.013294 | 0.024715 | 0.023359 |
| 14:00 | 24.0 | 55.7 | 55.7 | 15.8 | 15.0 | 0.014248 | 0.01343 | 0.025592 | 0.02413 |
| 15:00 | 24.4 | 52.1 | 52.1 | 15.5 | 14.6 | 0.014063 | 0.013103 | 0.027008 | 0.025168 |
| 16:00 | 24.6 | 51.5 | 51.5 | 15.5 | 14.7 | 0.014042 | 0.013304 | 0.027285 | 0.025853 |
| 17:00 | 24.9 | 48.5 | 48.5 | 14.8 | 14.3 | 0.013415 | 0.012906 | 0.027645 | 0.026603 |
| 18:00 | 25.1 | 55.9 | 55.9 | 15.6 | 15.4 | 0.014125 | 0.013918 | 0.025694 | 0.025227 |
| 19:00 | 25.2 | 84.6 | 84.6 | 17.4 | 18.2 | 0.015423 | 0.016203 | 0.018266 | 0.019156 |
| 20:00 | 25.2 | 93.6 | 93.6 | 17.5 | 18.5 | 0.015468 | 0.016368 | 0.01653 | 0.017491 |
| 21:00 | 25.1 | 95.8 | 95.8 | 17.7 | 18.9 | 0.015609 | 0.016738 | 0.016296 | 0.017476 |
| 22:00 | 24.9 | 93.9 | 93.9 | 17.6 | 18.5 | 0.01549 | 0.016425 | 0.016511 | 0.017501 |
| 23:00 | 24.7 | 96.6 | 96.6 | 17.7 | 18.1 | 0.015584 | 0.015989 | 0.016132 | 0.016552 |
| Avg | 24.0 | 76.5 | 76.5 | 16.1 | 16.3 | 0.014289 | 0.014429 | 0.019689 | 0.019646 |
| Max | 25.2 | 96.6 | 96.6 | 17.7 | 18.9 | 0.015609 | 0.016738 | 0.027645 | 0.026603 |
| Hr. of Max | 20 | 23 | 23 | 23 | 21 | 21 | 21 | 17 | 17 |
| Min | 22.8 | 48.5 | 48.5 | 14.8 | 14.3 | 0.013333 | 0.012906 | 0.014149 | 0.014812 |
| 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)

5/25/2018

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 | 22.3 | 23.6 | 27.9 | 29.6 | .00 | 29.16 | 987.4 | -1.3 | .00 |
| 01:00 | 22.2 | 23.6 | 26.7 | 28.4 | .00 | 29.15 | 987.1 | -1.2 | .00 |
| 02:00 | 21.9 | 23.0 | 25.9 | 27.2 | .00 | 29.14 | 986.8 | -1.2 | .00 |
| 03:00 | 21.7 | 23.1 | 24.6 | 26.1 | .00 | 29.13 | 986.6 | -1.2 | .00 |
| 04:00 | 21.2 | 23.0 | 23.4 | 25.4 | .00 | 29.13 | 986.5 | -1.2 | .00 |
| 05:00 | 20.9 | 22.6 | 23.0 | 24.9 | .00 | 29.13 | 986.5 | -1.2 | .00 |
| 06:00 | 20.7 | 21.7 | 22.4 | 23.5 | .00 | 29.14 | 986.8 | 12.1 | .02 |
| 07:00 | 21.7 | 22.0 | 24.7 | 25.1 | .00 | 29.14 | 986.9 | 126.7 | .18 |
| 08:00 | 22.1 | 21.6 | 28.0 | 27.4 | .00 | 29.15 | 987.1 | 289.5 | .42 |
| 09:00 | 21.6 | 20.8 | 31.4 | 30.2 | .00 | 29.14 | 986.9 | 577.7 | .83 |
| 10:00 | 21.7 | 20.7 | 33.7 | 32.1 | .00 | 29.13 | 986.6 | 658.4 | .94 |
| 11:00 | 21.6 | 20.3 | 36.3 | 34.2 | .00 | 29.12 | 986.2 | 866.8 | 1.24 |
| 12:00 | 21.7 | 20.3 | 38.1 | 35.6 | .00 | 29.11 | 985.8 | 855.3 | 1.23 |
| 13:00 | 21.8 | 20.6 | 39.2 | 37.0 | .00 | 29.09 | 985.3 | 811.0 | 1.16 |
| 14:00 | 22.0 | 20.8 | 40.5 | 38.2 | .00 | 29.07 | 984.4 | 811.0 | 1.16 |
| 15:00 | 21.7 | 20.3 | 42.7 | 39.8 | .00 | 29.04 | 983.3 | 967.2 | 1.39 |
| 16:00 | 21.7 | 20.6 | 43.1 | 40.8 | .00 | 29.00 | 982.2 | 604.9 | .87 |
| 17:00 | 20.7 | 20.0 | 43.6 | 42.0 | .00 | 28.99 | 981.7 | 516.0 | .74 |
| 18:00 | 21.8 | 21.5 | 40.6 | 39.8 | .00 | 28.99 | 981.8 | 324.2 | .46 |
| 19:00 | 23.8 | 24.9 | 28.8 | 30.2 | .00 | 29.00 | 982.0 | 164.5 | .24 |
| 20:00 | 23.8 | 25.2 | 26.1 | 27.6 | .00 | 29.01 | 982.5 | 8.3 | .01 |
| 21:00 | 24.1 | 25.8 | 25.7 | 27.6 | .00 | 29.02 | 982.8 | -1.3 | .00 |
| 22:00 | 23.9 | 25.3 | 26.1 | 27.7 | .01 | 29.03 | 983.1 | -1.3 | .00 |
| 23:00 | 24.0 | 24.6 | 25.5 | 26.2 | .00 | 29.03 | 983.1 | -1.3 | .00 |
| Avg | 22.1 | 22.3 | 31.2 | 31.1 | .00 | 29.09 | 985.0 | 315.9 | .45 |
| Max | 24.1 | 25.8 | 43.6 | 42.0 | .01 | 29.16 | 987.4 | 967.2 | 1.39 |
| Hr. of Max | 21 | 21 | 17 | 17 | 22 | 00 | 00 | 15 | 15 |
| Min | 20.7 | 20.0 | 22.4 | 23.5 | .00 | 28.99 | 981.7 | -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)

5/25/2018

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 | 279.0 | 279.2 | 286.2 | 279.1 | 262.2 | 272.9 | 264.2 | 271.8 | 34.6 |
| 01:00 | 30.0 | 333.4 | 23.0 | 327.1 | 320.8 | 329.2 | 329.9 | 324.1 | 49.8 |
| 02:00 | 233.6 | 230.8 | 243.3 | 238.6 | 242.6 | 217.7 | 241.9 | 231.5 | 13.8 |
| 03:00 | 240.5 | 227.3 | 241.2 | 227.8 | 255.1 | 221.7 | 249.7 | 222.3 | 9.0 |
| 04:00 | 43.3 | 137.4 | 41.5 | 185.4 | 327.1 | 95.6 | 318.9 | 162.8 | 35.1 |
| 05:00 | 46.3 | 176.3 | 43.5 | 189.1 | 314.7 | 166.5 | 287.8 | 179.2 | 32.8 |
| 06:00 | 246.4 | 217.4 | 253.8 | 215.5 | 246.7 | 211.6 | 247.0 | 210.0 | 32.0 |
| 07:00 | 165.3 | 237.3 | 230.2 | 234.3 | 221.1 | 231.6 | 220.4 | 229.0 | 16.1 |
| 08:00 | 227.2 | 227.2 | 227.2 | 227.9 | 217.7 | 221.9 | 216.2 | 222.6 | 16.7 |
| 09:00 | 232.3 | 231.8 | 235.0 | 232.5 | 228.1 | 225.7 | 230.3 | 226.9 | 28.0 |
| 10:00 | 231.9 | 229.5 | 231.3 | 228.5 | 226.3 | 223.8 | 225.3 | 223.1 | 27.2 |
| 11:00 | 229.2 | 228.7 | 226.7 | 226.7 | 219.3 | 223.0 | 220.8 | 221.3 | 35.4 |
| 12:00 | 234.8 | 230.4 | 235.0 | 230.6 | 226.7 | 224.4 | 227.3 | 225.1 | 42.2 |
| 13:00 | 203.8 | 209.0 | 204.0 | 206.7 | 192.0 | 202.3 | 194.5 | 201.5 | 32.3 |
| 14:00 | 226.6 | 232.1 | 229.7 | 233.5 | 216.2 | 227.4 | 217.8 | 227.6 | 38.2 |
| 15:00 | 231.6 | 233.9 | 232.8 | 232.4 | 225.8 | 228.5 | 226.0 | 227.6 | 31.8 |
| 16:00 | 218.2 | 222.7 | 225.7 | 226.8 | 198.8 | 215.7 | 207.9 | 220.1 | 61.6 |
| 17:00 | 269.0 | 263.5 | 267.2 | 263.3 | 260.6 | 256.9 | 254.6 | 256.4 | 30.7 |
| 18:00 | 227.9 | 229.0 | 246.8 | 238.5 | 222.5 | 225.0 | 223.7 | 237.2 | 36.8 |
| 19:00 | 61.9 | 77.5 | 61.7 | 68.7 | 24.5 | 67.7 | 29.3 | 59.0 | 20.3 |
| 20:00 | 83.7 | 141.5 | 83.6 | 132.0 | 328.1 | 132.4 | 339.1 | 124.8 | 24.1 |
| 21:00 | 202.2 | 181.1 | 212.3 | 184.3 | 295.7 | 175.2 | 280.5 | 178.7 | 23.0 |
| 22:00 | 226.1 | 214.8 | 223.3 | 213.0 | 244.9 | 209.7 | 235.8 | 208.1 | 12.5 |
| 23:00 | 268.9 | 259.4 | 271.2 | 260.6 | 261.7 | 254.2 | 265.8 | 255.2 | 16.1 |
| Avg | 231.0 | 223.0 | .0 | .0 | 249.0 | 217.0 | .0 | .0 | 29.2 |
| Max | 279.0 | 333.4 | 286.2 | 327.1 | 328.1 | 329.2 | 339.1 | 324.1 | 61.6 |
| Hr. of Max | 00 | 01 | 00 | 01 | 20 | 01 | 20 | 01 | 16 |
| Min | 30.0 | 77.5 | 23.0 | 68.7 | 24.5 | 67.7 | 29.3 | 59.0 | 9.0 |
| 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)

5/25/2018

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 | 14.6 | 21.3 | 14.5 | 2.1 | 3.0 | 2.4 | 3.2 | 1.1 | 1.4 |
| 01:00 | 31.0 | 60.8 | 28.7 | .8 | 1.4 | 1.6 | 2.1 | .7 | .9 |
| 02:00 | 39.0 | 14.6 | 28.6 | 2.9 | 3.1 | 3.1 | 3.3 | 1.4 | 1.5 |
| 03:00 | 6.4 | 24.7 | 6.6 | 2.4 | 3.8 | 2.5 | 3.9 | 1.1 | 1.7 |
| 04:00 | 68.0 | 57.3 | 53.4 | .7 | .4 | 1.1 | 1.0 | .5 | .4 |
| 05:00 | 23.4 | 49.6 | 25.1 | .4 | 1.3 | 1.1 | 1.7 | .5 | .8 |
| 06:00 | 6.0 | 46.7 | 6.6 | 1.5 | 3.4 | 1.6 | 3.4 | .7 | 1.5 |
| 07:00 | 8.4 | 35.1 | 8.9 | 1.5 | 2.9 | 1.6 | 3.0 | .7 | 1.3 |
| 08:00 | 12.3 | 23.2 | 13.6 | 3.3 | 4.2 | 3.4 | 4.2 | 1.5 | 1.9 |
| 09:00 | 22.0 | 34.4 | 23.9 | 3.7 | 4.2 | 4.1 | 4.5 | 1.8 | 2.0 |
| 10:00 | 20.8 | 30.0 | 21.5 | 3.7 | 4.2 | 4.1 | 4.5 | 1.8 | 2.0 |
| 11:00 | 27.2 | 37.1 | 27.7 | 3.9 | 4.6 | 4.4 | 5.1 | 2.0 | 2.3 |
| 12:00 | 33.1 | 37.3 | 33.4 | 4.7 | 5.6 | 5.4 | 6.3 | 2.4 | 2.8 |
| 13:00 | 28.1 | 32.3 | 30.2 | 4.0 | 4.6 | 4.5 | 5.2 | 2.0 | 2.3 |
| 14:00 | 33.9 | 42.4 | 34.0 | 4.0 | 4.8 | 5.0 | 5.6 | 2.3 | 2.5 |
| 15:00 | 24.7 | 47.3 | 26.0 | 4.1 | 4.6 | 4.5 | 4.9 | 2.0 | 2.2 |
| 16:00 | 60.1 | 52.1 | 61.1 | 1.6 | 2.0 | 3.1 | 3.2 | 1.4 | 1.4 |
| 17:00 | 24.5 | 35.9 | 25.6 | 3.1 | 3.6 | 3.5 | 4.0 | 1.6 | 1.8 |
| 18:00 | 35.8 | 42.6 | 36.8 | 1.3 | 1.5 | 5.4 | 6.0 | 2.4 | 2.7 |
| 19:00 | 17.5 | 27.3 | 18.2 | 4.2 | 5.4 | 4.5 | 5.8 | 2.0 | 2.6 |
| 20:00 | 20.9 | 26.2 | 22.7 | 1.1 | 1.4 | 1.1 | 1.5 | .5 | .7 |
| 21:00 | 17.7 | 39.1 | 18.4 | 1.6 | 4.5 | 2.5 | 4.9 | 1.1 | 2.2 |
| 22:00 | 8.9 | 17.2 | 8.8 | 5.6 | 8.2 | 5.9 | 8.3 | 2.6 | 3.7 |
| 23:00 | 8.8 | 29.1 | 9.2 | 4.5 | 6.9 | 4.6 | 7.0 | 2.1 | 3.1 |
| Avg | 24.7 | 36.0 | 24.3 | 2.6 | 2.6 | 3.4 | 4.3 | 1.5 | 1.9 |
| Max | 68.0 | 60.8 | 61.1 | 5.6 | 8.2 | 5.9 | 8.3 | 2.6 | 3.7 |
| Hr. of Max | 04 | 01 | 16 | 22 | 22 | 22 | 22 | 22 | 22 |
| Min | 6.0 | 14.6 | 6.6 | .4 | .4 | 1.1 | 1.0 | .5 | .4 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 5/26/2018 07:29

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

5/25/2018

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 | 1.5 | 3.1 | 1.9 | 3.2 | .9 | 1.4 | 1.5 | 1.5 | .03 |
| 01:00 | .4 | 1.4 | 1.3 | 2.2 | .6 | 1.0 | 1.2 | 2.9 | .02 |
| 02:00 | 2.6 | 3.2 | 2.7 | 3.7 | 1.2 | 1.6 | .2 | 4.7 | -.03 |
| 03:00 | 1.6 | 4.0 | 1.8 | 4.1 | .8 | 1.8 | 2.6 | 1.4 | .06 |
| 04:00 | .4 | .4 | .8 | 1.3 | .4 | .6 | 1.8 | -1.3 | .03 |
| 05:00 | .6 | 1.4 | 1.0 | 1.9 | .5 | .9 | 1.3 | -1.5 | .03 |
| 06:00 | 1.1 | 3.6 | 1.2 | 3.7 | .5 | 1.6 | 1.7 | 1.1 | .03 |
| 07:00 | 1.2 | 3.1 | 1.4 | 3.2 | .6 | 1.4 | 1.3 | .4 | -.01 |
| 08:00 | 2.7 | 4.5 | 3.0 | 4.6 | 1.4 | 2.1 | 1.1 | -.8 | -.03 |
| 09:00 | 3.3 | 4.6 | 3.9 | 5.1 | 1.8 | 2.3 | -.1 | -1.6 | -.15 |
| 10:00 | 3.5 | 4.7 | 4.0 | 5.1 | 1.8 | 2.3 | -.6 | -2.0 | -.15 |
| 11:00 | 3.6 | 5.1 | 4.3 | 5.7 | 1.9 | 2.5 | 2.1 | -1.6 | .00 |
| 12:00 | 3.9 | 6.0 | 4.7 | 6.8 | 2.1 | 3.0 | 3.0 | 1.6 | .04 |
| 13:00 | 3.7 | 5.0 | 4.3 | 5.7 | 1.9 | 2.5 | 3.2 | 2.7 | .05 |
| 14:00 | 3.5 | 5.2 | 4.8 | 6.1 | 2.1 | 2.7 | 2.4 | 1.9 | .06 |
| 15:00 | 3.6 | 5.1 | 4.3 | 5.5 | 1.9 | 2.5 | -3.2 | -4.1 | -.31 |
| 16:00 | 1.8 | 2.2 | 3.1 | 3.8 | 1.4 | 1.7 | 1.0 | 9.6 | .00 |
| 17:00 | 2.7 | 4.0 | 3.3 | 4.4 | 1.5 | 2.0 | 2.4 | .7 | .00 |
| 18:00 | 1.7 | 1.8 | 4.4 | 6.4 | 2.0 | 2.9 | .6 | .9 | -.09 |
| 19:00 | 2.8 | 5.7 | 3.4 | 6.1 | 1.5 | 2.7 | -3.7 | .6 | -.33 |
| 20:00 | 1.1 | 1.7 | 1.4 | 1.9 | .6 | .8 | -.1 | -.5 | -.01 |
| 21:00 | 1.3 | 4.7 | 1.8 | 5.2 | .8 | 2.3 | -1.6 | .2 | -.06 |
| 22:00 | 3.0 | 8.6 | 3.4 | 8.8 | 1.5 | 3.9 | -.9 | -.7 | -.08 |
| 23:00 | 1.5 | 7.1 | 1.8 | 7.3 | .8 | 3.3 | 3.3 | 2.3 | .05 |
| Avg | 2.6 | 2.6 | 2.8 | 4.7 | 1.3 | 2.1 | .9 | .8 | -.04 |
| Max | 3.9 | 8.6 | 4.8 | 8.8 | 2.1 | 3.9 | 3.3 | 9.6 | .06 |
| Hr. of Max | 12 | 22 | 14 | 22 | 14 | 22 | 23 | 16 | 14 |
| Min | .4 | .4 | .8 | 1.3 | .4 | .6 | -3.7 | -4.1 | -.33 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 5/26/2018 07:29

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

5/25/2018

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 | .06 | 8.0 | 8.9 | 4.8 | 12.5 | 7.7 | 24.9 | 25.2 |
| 01:00 | .08 | 4.4 | 5.5 | 3.2 | 8.8 | 12.2 | 24.3 | 24.7 |
| 02:00 | .13 | 6.4 | 7.6 | 6.4 | 5.6 | 11.2 | 23.6 | 24.2 |
| 03:00 | .10 | 6.2 | 9.2 | 3.4 | 7.2 | 2.8 | 22.9 | 24.3 |
| 04:00 | -.02 | 3.4 | 5.7 | 2.0 | 8.0 | 11.6 | 22.4 | 23.4 |
| 05:00 | -.04 | 4.6 | 4.8 | | 8.5 | 10.4 | 22.1 | 23.1 |
| 06:00 | .07 | 4.1 | 8.0 | 3.0 | 6.8 | 2.9 | 21.1 | 22.6 |
| 07:00 | .01 | 5.5 | 6.2 | 4.8 | 11.5 | 2.9 | 22.2 | 22.5 |
| 08:00 | -.10 | 9.2 | 9.8 | 6.6 | 18.1 | 11.8 | 23.7 | 23.0 |
| 09:00 | -.22 | 8.9 | 10.1 | 9.4 | 23.3 | 22.0 | 25.1 | 24.3 |
| 10:00 | -.17 | 11.0 | 9.2 | 9.3 | 20.5 | 18.4 | 26.0 | 25.2 |
| 11:00 | -.19 | 11.0 | 11.4 | 12.5 | 24.1 | 20.8 | 27.1 | 26.2 |
| 12:00 | .05 | 12.4 | 13.5 | 11.6 | 21.6 | 19.6 | 27.7 | 26.9 |
| 13:00 | .03 | 11.9 | 13.7 | 11.9 | 23.2 | 22.4 | 28.5 | 27.6 |
| 14:00 | .02 | 11.4 | 11.9 | 11.2 | 20.1 | 18.2 | 29.0 | 28.2 |
| 15:00 | -.41 | 13.1 | 11.9 | 10.6 | 24.4 | 22.9 | 29.6 | 28.8 |
| 16:00 | .36 | 9.8 | 9.6 | 9.2 | 26.7 | 28.4 | 30.1 | 29.4 |
| 17:00 | -.03 | 9.4 | 9.2 | 9.4 | 23.5 | 20.4 | 30.5 | 29.7 |
| 18:00 | .10 | 20.8 | 21.8 | 19.6 | 19.6 | 15.6 | 29.6 | 29.2 |
| 19:00 | .03 | 23.6 | 23.4 | 12.7 | 15.3 | 9.0 | 25.5 | 25.9 |
| 20:00 | .01 | 3.4 | 4.4 | 3.6 | 8.4 | 8.5 | 24.0 | 25.4 |
| 21:00 | -.04 | 8.0 | 10.3 | 5.8 | 12.9 | 7.9 | 24.0 | 25.5 |
| 22:00 | -.13 | 16.9 | 18.8 | 13.7 | 11.1 | 6.1 | 24.0 | 24.9 |
| 23:00 | .28 | 9.4 | 12.4 | 6.7 | 17.7 | 5.7 | 23.2 | 24.4 |
| Avg | .00 | 9.7 | 10.7 | 8.3 | 15.8 | 13.3 | 25.5 | 25.6 |
| Max | .36 | 23.6 | 23.4 | 19.6 | 26.7 | 28.4 | 30.5 | 29.7 |
| Hr. of Max | 16 | 19 | 19 | 18 | 16 | 16 | 17 | 17 |
| Min | -.41 | 3.4 | 4.4 | 2.0 | 5.6 | 2.8 | 21.1 | 22.5 |
| Count | 24 | 24 | 24 | 23 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |