Date Printed: 5/31/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

5/30/2018

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 | 21.8 | 22.1 | 22.1 | 22.2 | 71.2 | 71.7 | 71.8 | 72.0 | .29 |
| 01:00 | 21.6 | 22.1 | 22.2 | 22.4 | 70.9 | 71.9 | 72.0 | 72.3 | .53 |
| 02:00 | 21.2 | 21.7 | 21.7 | 21.7 | 70.1 | 71.0 | 71.1 | 71.1 | .50 |
| 03:00 | 21.2 | 21.6 | 21.6 | 21.7 | 70.2 | 70.8 | 70.8 | 71.0 | .34 |
| 04:00 | 21.2 | 21.7 | 21.8 | 21.8 | 70.1 | 71.1 | 71.2 | 71.3 | .54 |
| 05:00 | 21.0 | 21.4 | 21.5 | 21.5 | 69.8 | 70.6 | 70.7 | 70.7 | .41 |
| 06:00 | 20.3 | 20.9 | 21.4 | 21.5 | 68.6 | 69.6 | 70.5 | 70.8 | .56 |
| 07:00 | 20.7 | 21.1 | 21.5 | 21.6 | 69.3 | 70.1 | 70.7 | 70.9 | .41 |
| 08:00 | 22.0 | 22.0 | 21.9 | 21.9 | 71.6 | 71.5 | 71.4 | 71.3 | -.04 |
| 09:00 | 23.0 | 22.9 | 22.7 | 22.6 | 73.5 | 73.2 | 72.9 | 72.7 | -.16 |
| 10:00 | 23.0 | 22.8 | 22.7 | 22.6 | 73.3 | 73.1 | 72.8 | 72.7 | -.11 |
| 11:00 | < | < | < | < | < | < | < | < | < |
| 12:00 | 24.1 | 23.8 | 23.5 | 23.4 | 75.4 | 74.8 | 74.3 | 74.1 | -.31 |
| 13:00 | 24.2 | 23.9 | 23.7 | 23.6 | 75.6 | 75.1 | 74.7 | 74.5 | -.29 |
| 14:00 | 24.7 | 24.1 | 23.8 | 23.8 | 76.5 | 75.4 | 74.9 | 74.8 | -.60 |
| 15:00 | 26.6 | 26.1 | 25.8 | 25.7 | 79.9 | 78.9 | 78.5 | 78.3 | -.55 |
| 16:00 | 27.1 | 26.7 | 26.5 | 26.3 | 80.8 | 80.1 | 79.6 | 79.4 | -.38 |
| 17:00 | 27.7 | 27.2 | 26.9 | 26.6 | 81.8 | 81.0 | 80.4 | 80.0 | -.47 |
| 18:00 | 27.5 | 27.2 | 26.9 | 26.7 | 81.5 | 80.9 | 80.4 | 80.1 | -.35 |
| 19:00 | 26.4 | 26.2 | 26.0 | 25.9 | 79.5 | 79.2 | 78.7 | 78.6 | -.17 |
| 20:00 | 24.8 | 24.8 | 24.7 | 24.7 | 76.7 | 76.7 | 76.4 | 76.4 | .00 |
| 21:00 | 24.1 | 24.1 | 24.0 | 24.0 | 75.3 | 75.4 | 75.1 | 75.1 | .04 |
| 22:00 | 23.3 | 23.4 | 23.3 | 23.4 | 73.9 | 74.1 | 74.0 | 74.1 | .11 |
| 23:00 | 22.0 | 22.6 | 22.7 | 22.9 | 71.6 | 72.8 | 72.9 | 73.2 | .64 |
| Avg | 23.5 | 23.5 | 23.4 | 23.4 | 74.2 | 74.3 | 74.2 | 74.1 | .04 |
| Max | 27.7 | 27.2 | 26.9 | 26.7 | 81.8 | 81.0 | 80.4 | 80.1 | .64 |
| Hr. of Max | 17 | 18 | 18 | 18 | 17 | 17 | 18 | 18 | 23 |
| Min | 20.3 | 20.9 | 21.4 | 21.5 | 68.6 | 69.6 | 70.5 | 70.7 | -.60 |
| Count | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 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)

5/30/2018

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 | .31 | .45 | .02 | .16 | 20.9 | 21.2 | 69.7 | 70.2 | 21.5 |
| 01:00 | .63 | .76 | .09 | .23 | 20.8 | 21.3 | 69.4 | 70.3 | 21.6 |
| 02:00 | .52 | .56 | .02 | .06 | 20.4 | 20.9 | 68.7 | 69.6 | 21.2 |
| 03:00 | .34 | .43 | .00 | .10 | 20.5 | 20.9 | 69.0 | 69.6 | 21.1 |
| 04:00 | .63 | .66 | .09 | .13 | 20.5 | 21.0 | 68.9 | 69.8 | 21.2 |
| 05:00 | .49 | .49 | .08 | .08 | 20.3 | 20.7 | 68.5 | 69.2 | 20.9 |
| 06:00 | 1.07 | 1.24 | .51 | .68 | 19.6 | 20.2 | 67.3 | 68.3 | 20.4 |
| 07:00 | .76 | .86 | .35 | .45 | 20.1 | 20.5 | 68.2 | 68.9 | 20.7 |
| 08:00 | -.12 | -.15 | -.07 | -.11 | 21.3 | 21.3 | 70.3 | 70.3 | 21.5 |
| 09:00 | -.34 | -.41 | -.19 | -.26 | 20.9 | 20.7 | 69.5 | 69.3 | 21.4 |
| 10:00 | -.29 | -.34 | -.18 | -.24 | 20.9 | 20.8 | 69.6 | 69.5 | 21.5 |
| 11:00 | < | < | < | < | < | < | < | < | < |
| 12:00 | -.56 | -.68 | -.25 | -.37 | 20.9 | 20.6 | 69.7 | 69.1 | 21.7 |
| 13:00 | -.52 | -.62 | -.23 | -.33 | 20.8 | 20.5 | 69.4 | 69.0 | 21.7 |
| 14:00 | -.87 | -.94 | -.27 | -.34 | 22.0 | 21.4 | 71.6 | 70.6 | 22.3 |
| 15:00 | -.82 | -.92 | -.27 | -.37 | 21.4 | 20.9 | 70.6 | 69.6 | 22.6 |
| 16:00 | -.66 | -.79 | -.28 | -.41 | 20.9 | 20.6 | 69.6 | 69.0 | 22.6 |
| 17:00 | -.79 | -1.05 | -.32 | -.58 | 20.6 | 20.2 | 69.1 | 68.4 | 22.5 |
| 18:00 | -.61 | -.81 | -.26 | -.46 | 20.6 | 20.3 | 69.1 | 68.5 | 22.6 |
| 19:00 | -.39 | -.50 | -.22 | -.33 | 20.9 | 20.8 | 69.7 | 69.4 | 22.6 |
| 20:00 | -.15 | -.17 | -.15 | -.18 | 20.9 | 20.9 | 69.6 | 69.6 | 22.2 |
| 21:00 | -.10 | -.10 | -.14 | -.14 | 20.7 | 20.8 | 69.3 | 69.4 | 21.9 |
| 22:00 | .05 | .08 | -.06 | -.03 | 20.4 | 20.5 | 68.8 | 69.0 | 21.5 |
| 23:00 | .73 | .88 | .09 | .23 | 20.2 | 20.8 | 68.4 | 69.5 | 21.4 |
| Avg | -.03 | -.05 | -.07 | -.09 | 20.7 | 20.8 | 69.3 | 69.4 | 21.7 |
| Max | 1.07 | 1.24 | .51 | .68 | 22.0 | 21.4 | 71.6 | 70.6 | 22.6 |
| Hr. of Max | 06 | 06 | 06 | 06 | 14 | 14 | 14 | 14 | 19 |
| Min | -.87 | -1.05 | -.32 | -.58 | 19.6 | 20.2 | 67.3 | 68.3 | 20.4 |
| Count | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| Total | | | | | | | | | |

Date Printed: 5/31/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

5/30/2018

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 | 22.7 | 97.4 | 97.4 | 18.2 | 18.5 | 0.016175 | 0.016465 | 0.016613 | 0.016911 |
| 01:00 | 22.6 | 97.4 | 97.4 | 18.1 | 18.6 | 0.016013 | 0.016543 | 0.016446 | 0.01699 |
| 02:00 | 22.5 | 97.8 | 97.8 | 17.7 | 18.2 | 0.015667 | 0.016157 | 0.016017 | 0.016517 |
| 03:00 | 22.5 | 98.2 | 98.2 | 17.8 | 18.2 | 0.015794 | 0.016125 | 0.016078 | 0.016415 |
| 04:00 | 22.4 | 98.3 | 98.3 | 17.8 | 18.3 | 0.015738 | 0.016266 | 0.016012 | 0.01655 |
| 05:00 | 22.2 | 98.0 | 98.0 | 17.6 | 18.0 | 0.015538 | 0.015933 | 0.01586 | 0.016263 |
| 06:00 | 22.2 | 98.2 | 98.2 | 16.9 | 17.5 | 0.014887 | 0.015413 | 0.015167 | 0.015703 |
| 07:00 | 22.1 | 98.7 | 98.7 | 17.4 | 17.8 | 0.015366 | 0.01576 | 0.015569 | 0.015968 |
| 08:00 | 22.0 | 98.3 | 98.3 | 18.6 | 18.6 | 0.016543 | 0.016497 | 0.016834 | 0.016786 |
| 09:00 | 22.0 | 89.8 | 89.8 | 18.1 | 17.9 | 0.016088 | 0.015935 | 0.017908 | 0.017738 |
| 10:00 | 21.8 | 90.6 | 90.6 | 18.2 | 18.1 | 0.016143 | 0.016039 | 0.017812 | 0.017697 |
| 11:00 | < | < | < | < | < | < | < | < | < |
| 12:00 | 21.9 | 84.8 | 84.8 | 18.1 | 17.8 | 0.016158 | 0.01586 | 0.019064 | 0.018711 |
| 13:00 | 21.9 | 83.5 | 83.5 | 18.0 | 17.7 | 0.016049 | 0.015774 | 0.019252 | 0.018921 |
| 14:00 | 22.2 | 87.6 | 87.6 | 19.3 | 18.7 | 0.017315 | 0.016704 | 0.019821 | 0.019125 |
| 15:00 | 22.2 | 75.4 | 75.4 | 18.6 | 18.0 | 0.016742 | 0.016203 | 0.022225 | 0.021514 |
| 16:00 | 22.4 | 70.9 | 70.9 | 18.0 | 17.6 | 0.016223 | 0.015863 | 0.022903 | 0.022392 |
| 17:00 | 22.4 | 67.4 | 67.4 | 17.6 | 17.2 | 0.015952 | 0.015513 | 0.02367 | 0.023022 |
| 18:00 | 22.6 | 67.9 | 67.9 | 17.6 | 17.3 | 0.015903 | 0.015582 | 0.023443 | 0.022967 |
| 19:00 | 22.8 | 74.1 | 74.1 | 18.0 | 17.8 | 0.016214 | 0.016054 | 0.021899 | 0.02168 |
| 20:00 | 22.9 | 81.0 | 81.0 | 18.0 | 18.0 | 0.016154 | 0.016159 | 0.019957 | 0.019961 |
| 21:00 | 23.0 | 84.0 | 84.0 | 17.9 | 18.0 | 0.015984 | 0.016019 | 0.019033 | 0.019075 |
| 22:00 | 22.9 | 86.2 | 86.2 | 17.6 | 17.7 | 0.015667 | 0.015775 | 0.018174 | 0.018299 |
| 23:00 | 22.5 | 92.0 | 92.0 | 17.5 | 18.1 | 0.015453 | 0.016071 | 0.016808 | 0.017475 |
| Avg | 22.4 | 87.7 | 87.7 | 17.9 | 18.0 | 0.01599 | 0.016031 | 0.018546 | 0.018551 |
| Max | 23.0 | 98.7 | 98.7 | 19.3 | 18.7 | 0.017315 | 0.016704 | 0.02367 | 0.023022 |
| Hr. of Max | 21 | 07 | 07 | 14 | 14 | 14 | 14 | 17 | 17 |
| Min | 21.8 | 67.4 | 67.4 | 16.9 | 17.2 | 0.014887 | 0.015413 | 0.015167 | 0.015703 |
| Count | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| Total | | | | | | | | | |

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OAK RIDGE NATIONAL LABORATORY
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# Daily Summary Report

Site: Tower "D" (1000 Area)

5/30/2018

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 | 24.8 | 25.3 | 26.2 | 26.6 | .00 | 28.92 | 979.5 | -1.3 | .00 |
| 01:00 | 24.6 | 25.4 | 25.9 | 26.8 | .01 | 28.92 | 979.4 | -1.3 | .00 |
| 02:00 | 24.1 | 24.8 | 25.2 | 26.0 | .00 | 28.91 | 978.9 | -1.3 | .00 |
| 03:00 | 24.2 | 24.7 | 25.3 | 25.8 | .01 | 28.91 | 978.9 | -1.3 | .00 |
| 04:00 | 24.2 | 25.0 | 25.2 | 26.1 | .00 | 28.91 | 979.1 | -1.3 | .00 |
| 05:00 | 23.9 | 24.5 | 25.0 | 25.6 | .01 | 28.92 | 979.3 | -1.3 | .00 |
| 06:00 | 22.9 | 23.7 | 23.9 | 24.7 | .00 | 28.93 | 979.6 | 9.1 | .01 |
| 07:00 | 23.6 | 24.2 | 24.5 | 25.2 | .00 | 28.94 | 980.1 | 38.3 | .05 |
| 08:00 | 25.4 | 25.3 | 26.5 | 26.5 | .00 | 28.95 | 980.5 | 146.0 | .21 |
| 09:00 | 24.7 | 24.5 | 28.2 | 28.0 | .00 | 28.97 | 980.9 | 164.1 | .24 |
| 10:00 | 24.8 | 24.7 | 28.1 | 27.9 | .00 | 28.96 | 980.9 | 153.5 | .22 |
| 11:00 | < | < | < | < | .00 P | < | < | < | < |
| 12:00 | 24.8 | 24.4 | 30.1 | 29.5 | .00 | 28.98 | 981.3 | 322.0 | .46 |
| 13:00 | 24.7 | 24.3 | 30.4 | 29.8 | .04 | 28.97 | 981.0 | 405.0 | .58 |
| 14:00 | 26.6 | 25.6 | 31.2 | 30.1 | .00 | 28.95 | 980.5 | 741.8 | 1.06 |
| 15:00 | 25.7 | 24.9 | 35.0 | 33.9 | .00 | 28.93 | 979.7 | 594.4 | .85 |
| 16:00 | 24.9 | 24.4 | 36.1 | 35.2 | .00 | 28.91 | 979.2 | 457.6 | .66 |
| 17:00 | 24.5 | 23.8 | 37.3 | 36.2 | .00 | 28.91 | 979.0 | 489.8 | .70 |
| 18:00 | 24.4 | 23.9 | 36.9 | 36.1 | .00 | 28.90 | 978.7 | 320.1 | .46 |
| 19:00 | 24.9 | 24.6 | 34.5 | 34.1 | .00 | 28.92 | 979.3 | 175.9 | .25 |
| 20:00 | 24.8 | 24.8 | 31.4 | 31.5 | .00 | 28.94 | 980.2 | 22.1 | .03 |
| 21:00 | 24.6 | 24.6 | 30.0 | 30.1 | .00 | 28.97 | 981.0 | -1.2 | .00 |
| 22:00 | 24.1 | 24.3 | 28.7 | 28.9 | .00 | 28.98 | 981.3 | -1.2 | .00 |
| 23:00 | 23.8 | 24.7 | 26.5 | 27.6 | .00 | 28.98 | 981.4 | -1.2 | .00 |
| Avg | 24.6 | 24.6 | 29.2 | 29.2 | .00 | 28.94 | 980.0 | 175.1 | .25 |
| Max | 26.6 | 25.6 | 37.3 | 36.2 | .04 | 28.98 | 981.4 | 741.8 | 1.06 |
| Hr. of Max | 14 | 14 | 17 | 17 | 13 | 23 | 23 | 14 | 14 |
| Min | 22.9 | 23.7 | 23.9 | 24.7 | .00 | 28.90 | 978.7 | -1.3 | .00 |
| Count | 23 | 23 | 23 | 23 | 24 | 23 | 23 | 23 | 23 |
| Total | | | | | | | | | |

Date Printed: 5/31/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

5/30/2018

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 | 56.7 | 68.0 | 56.9 | 69.5 | 29.8 | 58.2 | 33.1 | 59.7 | 14.5 |
| 01:00 | 65.6 | 74.6 | 63.9 | 73.8 | 33.2 | 65.0 | 34.3 | 64.2 | 16.5 |
| 02:00 | 56.3 | 59.8 | 56.9 | 61.3 | 36.9 | 50.3 | 39.7 | 51.4 | 12.5 |
| 03:00 | 53.0 | 75.4 | 53.8 | 76.6 | 17.3 | 65.9 | 17.4 | 66.8 | 17.9 |
| 04:00 | 115.8 | 150.0 | 179.0 | 165.8 | 298.2 | 146.0 | 282.4 | 155.8 | 51.4 |
| 05:00 | 228.2 | 213.1 | 226.2 | 207.7 | 246.1 | 207.1 | 247.6 | 202.5 | 21.1 |
| 06:00 | 181.0 | 198.2 | 217.6 | 194.0 | 309.3 | 188.6 | 309.9 | 187.3 | 54.8 |
| 07:00 | 162.4 | 188.5 | 207.2 | 193.2 | 314.9 | 184.9 | 331.4 | 186.5 | 45.9 |
| 08:00 | 122.1 | 149.2 | 164.5 | 169.0 | 272.6 | 143.5 | 249.2 | 154.6 | 43.6 |
| 09:00 | 186.4 | 183.8 | 185.5 | 181.3 | 189.6 | 177.1 | 186.5 | 174.8 | 30.4 |
| 10:00 | 203.8 | 198.4 | 202.1 | 197.5 | 204.7 | 192.5 | 200.4 | 191.8 | 20.7 |
| 11:00 | < | < | < | < | < | < | < | < | < |
| 12:00 | 204.3 | 202.7 | 204.4 | 203.3 | 197.2 | 197.4 | 198.4 | 198.2 | 21.7 |
| 13:00 | 212.7 | 211.7 | 211.8 | 210.5 | 207.4 | 206.1 | 207.2 | 205.4 | 17.9 |
| 14:00 | 213.5 | 214.0 | 212.7 | 212.6 | 206.1 | 208.5 | 205.9 | 207.5 | 23.2 |
| 15:00 | 206.0 | 205.1 | 207.4 | 205.7 | 197.6 | 200.0 | 199.4 | 200.8 | 20.4 |
| 16:00 | 203.3 | 202.2 | 204.3 | 203.4 | 195.4 | 196.7 | 196.2 | 198.0 | 20.0 |
| 17:00 | 219.5 | 218.6 | 218.9 | 217.9 | 214.9 | 213.4 | 213.2 | 213.0 | 21.4 |
| 18:00 | 223.0 | 221.2 | 223.7 | 221.5 | 217.9 | 216.3 | 218.2 | 216.8 | 16.4 |
| 19:00 | 218.8 | 216.8 | 218.0 | 216.3 | 212.4 | 211.6 | 212.2 | 211.4 | 18.1 |
| 20:00 | 212.9 | 210.0 | 213.4 | 210.6 | 206.2 | 204.7 | 205.9 | 205.6 | 15.5 |
| 21:00 | 212.8 | 209.9 | 212.5 | 210.0 | 204.9 | 204.7 | 205.5 | 204.9 | 15.8 |
| 22:00 | 219.8 | 215.0 | 218.9 | 214.5 | 216.3 | 209.6 | 215.4 | 209.3 | 12.3 |
| 23:00 | 200.3 | 202.6 | 208.5 | 205.4 | 244.5 | 197.2 | 233.3 | 200.3 | 13.4 |
| Avg | 189.0 | 190.0 | .0 | .0 | 230.0 | 185.0 | .0 | .0 | 23.7 |
| Max | 228.2 | 221.2 | 226.2 | 221.5 | 314.9 | 216.3 | 331.4 | 216.8 | 54.8 |
| Hr. of Max | 05 | 18 | 05 | 18 | 07 | 18 | 07 | 18 | 06 |
| Min | 53.0 | 59.8 | 53.8 | 61.3 | 17.3 | 50.3 | 17.4 | 51.4 | 12.3 |
| Count | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| Total | | | | | | | | | |

Date Printed: 5/31/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

5/30/2018

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 | 9.7 | 32.2 | 9.8 | 3.6 | 5.2 | 3.9 | 5.5 | 1.7 | 2.5 |
| 01:00 | 12.6 | 33.9 | 12.5 | 3.4 | 4.5 | 3.6 | 4.6 | 1.6 | 2.1 |
| 02:00 | 9.0 | 27.8 | 10.4 | 2.8 | 3.7 | 2.9 | 3.8 | 1.3 | 1.7 |
| 03:00 | 15.7 | 31.8 | 16.0 | 2.6 | 3.5 | 2.7 | 3.6 | 1.2 | 1.6 |
| 04:00 | 35.3 | 47.1 | 37.4 | .7 | 1.8 | 1.7 | 2.5 | .7 | 1.1 |
| 05:00 | 18.9 | 24.5 | 19.8 | 2.1 | 2.6 | 2.4 | 2.9 | 1.1 | 1.3 |
| 06:00 | 40.8 | 55.1 | 52.9 | .5 | 1.5 | .8 | 1.7 | .4 | .8 |
| 07:00 | 35.9 | 49.6 | 48.4 | .6 | 2.0 | .7 | 2.1 | .3 | .9 |
| 08:00 | 38.6 | 53.4 | 47.1 | .4 | 1.2 | .6 | 1.4 | .3 | .6 |
| 09:00 | 24.2 | 31.9 | 24.4 | 2.0 | 3.1 | 2.2 | 3.3 | 1.0 | 1.5 |
| 10:00 | 16.9 | 26.0 | 16.8 | 5.2 | 7.1 | 5.6 | 7.4 | 2.5 | 3.3 |
| 11:00 | < | < | < | < | < | 4.8 P | 6.1 P | 2.2 P | 2.7 P |
| 12:00 | 17.3 | 26.7 | 16.8 | 6.4 | 8.0 | 6.8 | 8.3 | 3.0 | 3.7 |
| 13:00 | 15.1 | 23.9 | 14.9 | 8.7 | 10.8 | 9.1 | 11.2 | 4.1 | 5.0 |
| 14:00 | 18.0 | 29.2 | 18.4 | 6.2 | 7.5 | 6.6 | 7.9 | 3.0 | 3.5 |
| 15:00 | 16.4 | 25.5 | 16.1 | 7.7 | 9.3 | 8.4 | 10.0 | 3.7 | 4.5 |
| 16:00 | 15.5 | 25.4 | 15.2 | 7.1 | 9.1 | 7.6 | 9.6 | 3.4 | 4.3 |
| 17:00 | 18.0 | 28.0 | 17.5 | 8.1 | 9.9 | 8.7 | 10.4 | 3.9 | 4.7 |
| 18:00 | 12.4 | 23.3 | 11.9 | 8.6 | 10.3 | 9.0 | 10.6 | 4.0 | 4.7 |
| 19:00 | 13.4 | 22.9 | 12.9 | 8.4 | 10.8 | 8.8 | 11.0 | 3.9 | 4.9 |
| 20:00 | 11.7 | 22.9 | 11.7 | 7.6 | 9.6 | 7.9 | 9.9 | 3.5 | 4.4 |
| 21:00 | 11.3 | 21.1 | 11.2 | 6.5 | 8.4 | 6.7 | 8.6 | 3.0 | 3.8 |
| 22:00 | 10.5 | 19.3 | 10.3 | 5.3 | 6.9 | 5.4 | 7.0 | 2.4 | 3.1 |
| 23:00 | 9.4 | 30.3 | 9.3 | 3.0 | 4.9 | 3.2 | 5.1 | 1.4 | 2.3 |
| Avg | 18.5 | 30.9 | 20.1 | 2.7 | 2.7 | 5.0 | 6.4 | 2.2 | 2.9 |
| Max | 40.8 | 55.1 | 52.9 | 8.7 | 10.8 | 9.1 | 11.2 | 4.1 | 5.0 |
| Hr. of Max | 06 | 06 | 06 | 13 | 19 | 13 | 13 | 13 | 13 |
| Min | 9.0 | 19.3 | 9.3 | .4 | 1.2 | .6 | 1.4 | .3 | .6 |
| Count | 23 | 23 | 23 | 23 | 23 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 5/31/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

5/30/2018

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 | 2.0 | 5.5 | 2.4 | 5.8 | 1.1 | 2.6 | -5.3 | .0 | -.29 |
| 01:00 | 2.1 | 4.8 | 2.4 | 4.9 | 1.1 | 2.2 | -4.2 | -1.3 | -.24 |
| 02:00 | 1.4 | 4.0 | 1.8 | 4.1 | .8 | 1.8 | -2.6 | -.8 | -.11 |
| 03:00 | 1.9 | 3.8 | 2.2 | 3.9 | 1.0 | 1.8 | -5.2 | -2.0 | -.23 |
| 04:00 | .7 | 2.0 | 1.6 | 2.9 | .7 | 1.3 | 4.3 | 1.4 | .12 |
| 05:00 | 1.6 | 2.9 | 1.9 | 3.2 | .8 | 1.4 | -1.7 | -4.1 | -.12 |
| 06:00 | .8 | 1.7 | 1.1 | 2.0 | .5 | .9 | 2.0 | .7 | .03 |
| 07:00 | .5 | 2.2 | .8 | 2.4 | .3 | 1.1 | .9 | 3.3 | .00 |
| 08:00 | .4 | 1.4 | 1.0 | 1.8 | .4 | .8 | 3.4 | 3.8 | .04 |
| 09:00 | 1.6 | 3.3 | 2.0 | 3.6 | .9 | 1.6 | .8 | -3.1 | -.05 |
| 10:00 | 4.3 | 7.5 | 4.7 | 7.8 | 2.1 | 3.5 | .4 | -1.5 | -.19 |
| 11:00 | < | < | 4.1 P | 6.6 P | 1.8 P | 2.9 P | < | < | .02 P |
| 12:00 | 5.1 | 8.5 | 5.6 | 8.8 | 2.5 | 4.0 | 2.6 | -.2 | -.01 |
| 13:00 | 6.8 | 11.4 | 7.4 | 11.8 | 3.3 | 5.3 | 1.1 | -.4 | -.11 |
| 14:00 | 5.0 | 8.0 | 5.6 | 8.4 | 2.5 | 3.8 | 1.2 | .2 | -.06 |
| 15:00 | 6.0 | 9.8 | 6.7 | 10.5 | 3.0 | 4.7 | 2.1 | .1 | .02 |
| 16:00 | 5.5 | 9.5 | 6.2 | 10.0 | 2.8 | 4.5 | 2.7 | .0 | .01 |
| 17:00 | 6.2 | 10.5 | 7.0 | 11.0 | 3.1 | 4.9 | 3.0 | 2.5 | .05 |
| 18:00 | 6.7 | 10.9 | 7.3 | 11.2 | 3.3 | 5.0 | -.5 | -.9 | -.34 |
| 19:00 | 6.2 | 11.4 | 6.7 | 11.7 | 3.0 | 5.2 | 1.6 | 1.1 | -.15 |
| 20:00 | 5.5 | 10.2 | 5.9 | 10.5 | 2.6 | 4.7 | 2.5 | -.1 | .00 |
| 21:00 | 4.6 | 8.9 | 4.9 | 9.1 | 2.2 | 4.1 | -.5 | .1 | -.22 |
| 22:00 | 3.5 | 7.3 | 3.7 | 7.4 | 1.7 | 3.3 | .3 | .4 | -.04 |
| 23:00 | 1.5 | 5.2 | 1.7 | 5.4 | .8 | 2.4 | -.7 | .8 | -.07 |
| Avg | 2.6 | 2.6 | 3.9 | 6.9 | 1.8 | 3.1 | .4 | .0 | -.08 |
| Max | 6.8 | 11.4 | 7.4 | 11.8 | 3.3 | 5.3 | 4.3 | 3.8 | .12 |
| Hr. of Max | 13 | 19 | 13 | 13 | 18 | 13 | 04 | 08 | 04 |
| Min | .4 | 1.4 | .8 | 1.8 | .3 | .8 | -5.3 | -4.1 | -.34 |
| Count | 23 | 23 | 24 | 24 | 24 | 24 | 23 | 23 | 24 |
| Total | | | | | | | | | |

Date Printed: 5/31/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

5/30/2018

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 | -.02 | 8.2 | 11.0 | 6.9 | 15.6 | 6.6 | 23.6 | 23.5 |
| 01:00 | -.11 | 8.7 | 13.3 | 5.8 | 12.7 | 8.0 | 23.6 | 23.6 |
| 02:00 | -.09 | 6.9 | 9.4 | 4.8 | 11.4 | 7.7 | 23.1 | 22.9 |
| 03:00 | -.16 | 7.1 | 10.5 | 5.4 | 13.3 | 10.3 | 23.0 | 22.9 |
| 04:00 | .01 | 6.9 | 10.3 | 4.7 | 17.3 | 21.2 | 23.1 | 23.0 |
| 05:00 | -.26 | 7.6 | 11.7 | 7.3 | 14.0 | 12.6 | 22.8 | 22.7 |
| 06:00 | -.01 | 3.2 | 8.0 | 2.4 | 13.0 | 14.9 | 22.2 | 22.7 |
| 07:00 | .05 | 4.4 | 6.6 | 2.2 | 16.0 | 17.6 | 22.5 | 22.7 |
| 08:00 | .07 | 5.5 | 4.8 | 4.3 | 23.8 | 25.3 | 23.4 | 23.0 |
| 09:00 | -.27 | 6.6 | 8.5 | 5.7 | 24.4 | 15.9 | 24.3 | 23.8 |
| 10:00 | -.34 | 15.8 | 19.5 | 15.2 | 18.3 | 13.0 | 24.3 | 23.8 |
| 11:00 | .09 P | < | < | < | < | < | < | < |
| 12:00 | -.22 | 16.5 | 16.9 | 17.6 | 19.5 | 13.7 | 25.1 | 24.5 |
| 13:00 | -.29 | 23.1 | 23.4 | 16.9 | 17.7 | 11.2 | 25.3 | 24.7 |
| 14:00 | -.09 | 18.8 | 23.8 | 15.8 | 19.7 | 14.6 | 25.5 | 24.8 |
| 15:00 | -.16 | 20.2 | 23.4 | 17.6 | 17.7 | 12.5 | 27.4 | 26.6 |
| 16:00 | -.24 | 25.9 | 26.6 | 16.9 | 18.7 | 12.2 | 27.9 | 27.2 |
| 17:00 | .25 | 16.0 | 25.4 | 17.6 | 18.6 | 11.9 | 28.3 | 27.5 |
| 18:00 | -.35 | 18.8 | 24.0 | 16.9 | 15.9 | 9.7 | 28.3 | 27.6 |
| 19:00 | .05 | 22.0 | 23.8 | 20.5 | 18.8 | 10.1 | 27.5 | 26.9 |
| 20:00 | -.16 | 27.9 | 29.1 | 19.7 | 18.6 | 8.9 | 26.3 | 25.8 |
| 21:00 | -.08 | 15.6 | 16.0 | 12.9 | 15.7 | 9.4 | 25.5 | 25.1 |
| 22:00 | -.04 | 16.0 | 14.7 | 13.0 | 13.9 | 8.6 | 24.8 | 24.5 |
| 23:00 | .03 | 7.8 | 11.9 | 6.1 | 13.4 | 6.5 | 24.1 | 24.1 |
| Avg | -.10 | 13.5 | 16.2 | 11.1 | 16.9 | 12.3 | 24.9 | 24.5 |
| Max | .25 | 27.9 | 29.1 | 20.5 | 24.4 | 25.3 | 28.3 | 27.6 |
| Hr. of Max | 17 | 20 | 20 | 19 | 09 | 08 | 18 | 18 |
| Min | -.35 | 3.2 | 4.8 | 2.2 | 11.4 | 6.5 | 22.2 | 22.7 |
| Count | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| Total | | | | | | | | |