Date Printed: 6/24/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/23/2018

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 | 19.3 | 19.7 | 19.8 | 19.9 | 66.8 | 67.5 | 67.7 | 67.8 | .38 |
| 01:00 | 19.8 | 19.8 | 19.8 | 20.0 | 67.6 | 67.6 | 67.7 | 68.1 | .00 |
| 02:00 | 20.3 | 20.2 | 20.2 | 20.4 | 68.6 | 68.4 | 68.4 | 68.7 | -.08 |
| 03:00 | 20.6 | 20.5 | 20.4 | 20.5 | 69.1 | 68.9 | 68.8 | 68.9 | -.12 |
| 04:00 | 20.7 | 20.6 | 20.5 | 20.5 | 69.3 | 69.2 | 69.0 | 69.0 | -.08 |
| 05:00 | 20.3 | 20.3 | 20.2 | 20.2 | 68.6 | 68.5 | 68.4 | 68.4 | -.04 |
| 06:00 | 19.5 | 19.9 | 19.8 | 19.9 | 67.1 | 67.8 | 67.7 | 67.9 | .36 |
| 07:00 | 20.3 | 20.3 | 20.1 | 20.2 | 68.5 | 68.5 | 68.2 | 68.3 | -.01 |
| 08:00 | 22.0 | 21.6 | 21.3 | 21.2 | 71.6 | 70.9 | 70.4 | 70.1 | -.34 |
| 09:00 | 23.1 | 22.5 | 22.2 | 22.0 | 73.6 | 72.5 | 72.0 | 71.6 | -.60 |
| 10:00 | 24.1 | 23.4 | 23.0 | 22.8 | 75.4 | 74.1 | 73.4 | 73.1 | -.77 |
| 11:00 | 25.7 | 24.5 | 24.1 | 23.9 | 78.2 | 76.1 | 75.5 | 75.1 | -1.14 |
| 12:00 | 27.4 | 26.0 | 25.6 | 25.4 | 81.3 | 78.9 | 78.1 | 77.7 | -1.38 |
| 13:00 | 28.9 | 27.4 | 26.9 | 26.8 | 83.9 | 81.2 | 80.5 | 80.2 | -1.50 |
| 14:00 | 29.1 | 27.9 | 27.5 | 27.3 | 84.3 | 82.2 | 81.4 | 81.2 | -1.21 |
| 15:00 | 29.8 | 28.5 | 28.2 | 28.0 | 85.6 | 83.4 | 82.7 | 82.4 | -1.27 |
| 16:00 | 29.0 | 28.4 | 28.1 | 27.9 | 84.2 | 83.1 | 82.6 | 82.3 | -.63 |
| 17:00 | 25.9 | 25.3 | 25.0 | 24.8 | 78.6 | 77.6 | 77.0 | 76.7 | -.54 |
| 18:00 | 25.0 | 24.4 | 24.1 | 23.9 | 77.0 | 76.0 | 75.4 | 75.0 | -.58 |
| 19:00 | 24.1 | 23.8 | 23.6 | 23.5 | 75.4 | 74.8 | 74.4 | 74.2 | -.32 |
| 20:00 | 23.5 | 23.3 | 23.2 | 23.1 | 74.3 | 74.0 | 73.7 | 73.6 | -.19 |
| 21:00 | 22.7 | 22.7 | 22.6 | 22.6 | 72.9 | 72.8 | 72.6 | 72.8 | -.06 |
| 22:00 | 22.9 | 22.8 | 22.7 | 22.7 | 73.2 | 73.0 | 72.9 | 72.9 | -.11 |
| 23:00 | 22.6 | 22.5 | 22.5 | 22.6 | 72.7 | 72.6 | 72.5 | 72.6 | -.05 |
| Avg | 23.6 | 23.2 | 23.0 | 22.9 | 74.5 | 73.7 | 73.4 | 73.3 | -.43 |
| Max | 29.8 | 28.5 | 28.2 | 28.0 | 85.6 | 83.4 | 82.7 | 82.4 | .38 |
| Hr. of Max | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 00 |
| Min | 19.3 | 19.7 | 19.8 | 19.9 | 66.8 | 67.5 | 67.7 | 67.8 | -1.50 |
| 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)

6/23/2018

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 | .50 | .57 | .13 | .20 | 18.5 | 18.9 | 65.4 | 66.0 | 19.2 |
| 01:00 | .06 | .27 | .05 | .26 | 18.9 | 18.9 | 66.1 | 66.1 | 19.2 |
| 02:00 | -.08 | .10 | .00 | .18 | 19.2 | 19.2 | 66.6 | 66.5 | 19.5 |
| 03:00 | -.16 | -.11 | -.04 | .01 | 19.4 | 19.3 | 67.0 | 66.8 | 19.7 |
| 04:00 | -.18 | -.18 | -.10 | -.09 | 19.6 | 19.5 | 67.2 | 67.1 | 19.9 |
| 05:00 | -.10 | -.10 | -.06 | -.06 | 19.3 | 19.3 | 66.7 | 66.7 | 19.6 |
| 06:00 | .34 | .43 | -.03 | .07 | 18.7 | 19.0 | 65.7 | 66.3 | 19.3 |
| 07:00 | -.19 | -.13 | -.18 | -.13 | 19.5 | 19.5 | 67.0 | 67.0 | 19.7 |
| 08:00 | -.63 | -.79 | -.29 | -.44 | 19.4 | 19.1 | 66.9 | 66.3 | 19.9 |
| 09:00 | -.92 | -1.12 | -.32 | -.52 | 19.2 | 18.6 | 66.5 | 65.5 | 19.9 |
| 10:00 | -1.13 | -1.31 | -.37 | -.55 | 18.8 | 18.1 | 65.9 | 64.6 | 19.9 |
| 11:00 | -1.51 | -1.72 | -.37 | -.58 | 18.7 | 17.7 | 65.7 | 63.8 | 20.0 |
| 12:00 | -1.82 | -2.03 | -.43 | -.64 | 18.9 | 17.6 | 66.0 | 63.7 | 20.4 |
| 13:00 | -1.91 | -2.05 | -.40 | -.55 | 18.8 | 17.4 | 65.8 | 63.4 | 20.7 |
| 14:00 | -1.60 | -1.73 | -.40 | -.52 | 19.2 | 18.1 | 66.5 | 64.5 | 21.3 |
| 15:00 | -1.64 | -1.80 | -.37 | -.53 | 19.9 | 18.7 | 67.8 | 65.7 | 22.0 |
| 16:00 | -.91 | -1.07 | -.28 | -.44 | 20.3 | 19.7 | 68.5 | 67.5 | 22.6 |
| 17:00 | -.86 | -1.04 | -.32 | -.50 | 19.4 | 18.9 | 66.9 | 66.0 | 21.0 |
| 18:00 | -.91 | -1.11 | -.33 | -.53 | 18.2 | 17.7 | 64.8 | 63.8 | 19.9 |
| 19:00 | -.56 | -.66 | -.24 | -.34 | 18.9 | 18.6 | 66.1 | 65.6 | 20.4 |
| 20:00 | -.35 | -.39 | -.16 | -.20 | 19.2 | 19.0 | 66.6 | 66.2 | 20.5 |
| 21:00 | -.14 | -.07 | -.08 | -.01 | 19.3 | 19.3 | 66.8 | 66.7 | 20.4 |
| 22:00 | -.21 | -.16 | -.10 | -.06 | 19.6 | 19.5 | 67.3 | 67.1 | 20.6 |
| 23:00 | -.08 | -.01 | -.04 | .04 | 19.9 | 19.9 | 67.8 | 67.7 | 20.8 |
| Avg | -.62 | -.68 | -.20 | -.25 | 19.2 | 18.8 | 66.6 | 65.9 | 20.3 |
| Max | .50 | .57 | .13 | .26 | 20.3 | 19.9 | 68.5 | 67.7 | 22.6 |
| Hr. of Max | 00 | 00 | 00 | 01 | 16 | 23 | 16 | 23 | 16 |
| Min | -1.91 | -2.05 | -.43 | -.64 | 18.2 | 17.4 | 64.8 | 63.4 | 19.2 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/24/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/23/2018

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 | 22.9 | 97.3 | 97.3 | 15.9 | 16.2 | 0.013908 | 0.014237 | 0.014289 | 0.014627 |
| 01:00 | 22.6 | 97.0 | 97.0 | 16.2 | 16.2 | 0.014253 | 0.014257 | 0.014688 | 0.014691 |
| 02:00 | 22.2 | 95.8 | 95.8 | 16.5 | 16.4 | 0.014552 | 0.01448 | 0.01519 | 0.015116 |
| 03:00 | 21.7 | 95.3 | 95.3 | 16.7 | 16.6 | 0.014743 | 0.014631 | 0.01547 | 0.015353 |
| 04:00 | 21.8 | 95.4 | 95.4 | 16.8 | 16.8 | 0.014853 | 0.014778 | 0.015572 | 0.015494 |
| 05:00 | 21.7 | 96.0 | 96.0 | 16.6 | 16.5 | 0.014591 | 0.014553 | 0.015193 | 0.015154 |
| 06:00 | 21.9 | 97.3 | 97.3 | 16.0 | 16.3 | 0.014023 | 0.014343 | 0.014414 | 0.014743 |
| 07:00 | 21.9 | 97.3 | 97.3 | 16.8 | 16.7 | 0.014724 | 0.014714 | 0.01514 | 0.015129 |
| 08:00 | 21.8 | 87.4 | 87.4 | 16.6 | 16.3 | 0.014652 | 0.014346 | 0.016782 | 0.016431 |
| 09:00 | 21.7 | 80.4 | 80.4 | 16.3 | 15.8 | 0.014444 | 0.013926 | 0.017981 | 0.017338 |
| 10:00 | 21.1 | 74.1 | 74.1 | 15.9 | 15.3 | 0.014167 | 0.013526 | 0.019135 | 0.018265 |
| 11:00 | 21.7 | 67.3 | 67.3 | 15.8 | 14.8 | 0.014087 | 0.013152 | 0.020945 | 0.019552 |
| 12:00 | 22.2 | 61.4 | 61.4 | 15.9 | 14.7 | 0.014253 | 0.01313 | 0.023232 | 0.021404 |
| 13:00 | 22.8 | 56.2 | 56.2 | 15.7 | 14.5 | 0.014196 | 0.013002 | 0.025253 | 0.023135 |
| 14:00 | 23.4 | 56.8 | 56.8 | 16.1 | 15.1 | 0.014542 | 0.01355 | 0.025593 | 0.023848 |
| 15:00 | 23.8 | 56.9 | 56.9 | 16.7 | 15.6 | 0.015204 | 0.014125 | 0.026706 | 0.02481 |
| 16:00 | 24.2 | 61.3 | 61.3 | 17.2 | 16.7 | 0.015617 | 0.015062 | 0.025553 | 0.024624 |
| 17:00 | 24.4 | 69.3 | 69.3 | 16.4 | 16.0 | 0.014725 | 0.01426 | 0.021241 | 0.02057 |
| 18:00 | 24.4 | 67.6 | 67.6 | 15.3 | 14.8 | 0.013628 | 0.013161 | 0.020177 | 0.019479 |
| 19:00 | 24.4 | 74.7 | 74.7 | 16.0 | 15.8 | 0.014279 | 0.014009 | 0.019114 | 0.018752 |
| 20:00 | 24.3 | 78.7 | 78.7 | 16.3 | 16.1 | 0.014499 | 0.014333 | 0.018426 | 0.018215 |
| 21:00 | 23.9 | 83.2 | 83.2 | 16.5 | 16.4 | 0.014607 | 0.014554 | 0.017548 | 0.017485 |
| 22:00 | 23.8 | 83.8 | 83.8 | 16.8 | 16.7 | 0.014863 | 0.014768 | 0.017743 | 0.017629 |
| 23:00 | 23.6 | 87.0 | 87.0 | 17.1 | 17.0 | 0.01512 | 0.015077 | 0.017389 | 0.01734 |
| Avg | 22.8 | 79.9 | 79.9 | 16.3 | 16.0 | 0.014522 | 0.014166 | 0.018866 | 0.018299 |
| Max | 24.4 | 97.3 | 97.3 | 17.2 | 17.0 | 0.015617 | 0.015077 | 0.026706 | 0.02481 |
| Hr. of Max | 19 | 07 | 07 | 16 | 23 | 16 | 23 | 15 | 15 |
| Min | 21.1 | 56.2 | 56.2 | 15.3 | 14.5 | 0.013628 | 0.013002 | 0.014289 | 0.014627 |
| 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)

6/23/2018

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 | 21.4 | 21.9 | 22.5 | 23.0 | .00 | 28.90 | 978.6 | -1.3 | .00 |
| 01:00 | 21.9 | 21.9 | 23.1 | 23.1 | .00 | 28.90 | 978.7 | -1.2 | .00 |
| 02:00 | 22.4 | 22.3 | 23.9 | 23.8 | .00 | 28.90 | 978.6 | -1.2 | .00 |
| 03:00 | 22.7 | 22.5 | 24.3 | 24.2 | .00 | 28.90 | 978.6 | -1.2 | .00 |
| 04:00 | 22.8 | 22.7 | 24.5 | 24.4 | .00 | 28.91 | 979.0 | -1.2 | .00 |
| 05:00 | 22.5 | 22.4 | 23.9 | 23.9 | .00 | 28.92 | 979.5 | -1.2 | .00 |
| 06:00 | 21.6 | 22.1 | 22.7 | 23.2 | .00 | 28.95 | 980.3 | 11.3 | .02 |
| 07:00 | 22.7 | 22.7 | 23.9 | 23.9 | .00 | 28.97 | 981.0 | 107.5 | .15 |
| 08:00 | 22.6 | 22.1 | 26.5 | 25.9 | .00 | 28.98 | 981.6 | 270.6 | .39 |
| 09:00 | 22.3 | 21.5 | 28.4 | 27.4 | .00 | 28.99 | 981.8 | 441.5 | .63 |
| 10:00 | 21.9 | 20.9 | 30.2 | 28.8 | .00 | 28.99 | 981.7 | 529.4 | .76 |
| 11:00 | 21.7 | 20.3 | 33.1 | 30.9 | .00 | 29.00 | 982.1 | 780.9 | 1.12 |
| 12:00 | 22.0 | 20.3 | 36.7 | 33.8 | .00 | 29.00 | 982.1 | 988.7 | 1.42 |
| 13:00 | 21.9 | 20.1 | 39.9 | 36.5 | .00 | 28.99 | 981.7 | 996.8 | 1.43 |
| 14:00 | 22.4 | 20.9 | 40.4 | 37.6 | .00 | 28.98 | 981.4 | 765.3 | 1.10 |
| 15:00 | 23.4 | 21.8 | 42.1 | 39.1 | .00 | 28.96 | 980.6 | 792.8 | 1.14 |
| 16:00 | 24.0 | 23.2 | 40.3 | 38.8 | .00 | 28.94 | 980.2 | 392.9 | .56 |
| 17:00 | 22.7 | 22.0 | 33.5 | 32.4 | .00 | 28.95 | 980.5 | 327.0 | .47 |
| 18:00 | 21.0 | 20.3 | 31.8 | 30.7 | .00 | 28.96 | 980.6 | 315.2 | .45 |
| 19:00 | 22.0 | 21.6 | 30.1 | 29.6 | .00 | 28.96 | 980.6 | 118.8 | .17 |
| 20:00 | 22.3 | 22.1 | 29.1 | 28.7 | .00 | 28.96 | 980.8 | 28.5 | .04 |
| 21:00 | 22.5 | 22.4 | 27.7 | 27.6 | .00 | 28.98 | 981.3 | -.9 | .00 |
| 22:00 | 22.9 | 22.8 | 28.0 | 27.8 | .00 | 29.00 | 982.2 | -1.2 | .00 |
| 23:00 | 23.3 | 23.3 | 27.5 | 27.4 | .00 | 29.02 | 982.7 | -1.2 | .00 |
| Avg | 22.4 | 21.8 | 29.8 | 28.9 | .00 | 28.96 | 980.7 | 285.7 | .41 |
| Max | 24.0 | 23.3 | 42.1 | 39.1 | .00 | 29.02 | 982.7 | 996.8 | 1.43 |
| Hr. of Max | 16 | 23 | 15 | 15 | 23 | 23 | 23 | 13 | 13 |
| Min | 21.0 | 20.1 | 22.5 | 23.0 | .00 | 28.90 | 978.6 | -1.3 | .00 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/24/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/23/2018

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 | 221.1 | 233.2 | 222.6 | 232.3 | 247.9 | 227.2 | 248.3 | 226.5 | 15.4 |
| 01:00 | 233.1 | 223.5 | 232.2 | 222.7 | 239.4 | 218.7 | 242.0 | 218.0 | 8.2 |
| 02:00 | 234.6 | 225.2 | 234.8 | 225.7 | 243.6 | 220.1 | 242.5 | 220.6 | 10.3 |
| 03:00 | 233.8 | 231.2 | 233.8 | 231.0 | 230.1 | 226.3 | 229.3 | 226.1 | 9.9 |
| 04:00 | 231.3 | 233.5 | 232.1 | 233.9 | 225.6 | 228.4 | 225.5 | 228.8 | 10.4 |
| 05:00 | 232.5 | 230.8 | 233.4 | 231.4 | 229.9 | 225.9 | 230.5 | 226.4 | 7.8 |
| 06:00 | 234.3 | 217.4 | 234.8 | 218.0 | 250.6 | 212.4 | 251.1 | 212.9 | 8.3 |
| 07:00 | 239.5 | 228.9 | 244.7 | 230.5 | 255.9 | 223.3 | 246.8 | 225.0 | 28.7 |
| 08:00 | 223.5 | 221.4 | 224.0 | 221.9 | 213.1 | 215.9 | 214.0 | 216.6 | 18.6 |
| 09:00 | 209.6 | 212.1 | 210.4 | 211.7 | 204.7 | 206.5 | 203.2 | 206.6 | 20.5 |
| 10:00 | 227.2 | 224.8 | 227.7 | 224.9 | 222.4 | 219.6 | 222.1 | 220.1 | 20.2 |
| 11:00 | 225.7 | 223.7 | 225.4 | 223.0 | 220.2 | 218.1 | 220.1 | 217.8 | 21.0 |
| 12:00 | 225.3 | 223.7 | 224.9 | 223.1 | 220.9 | 218.8 | 221.5 | 218.4 | 20.3 |
| 13:00 | 226.9 | 224.6 | 227.2 | 225.2 | 220.7 | 219.6 | 221.7 | 220.4 | 20.5 |
| 14:00 | 223.7 | 222.1 | 225.8 | 223.9 | 218.7 | 217.2 | 220.5 | 219.2 | 19.0 |
| 15:00 | 220.2 | 220.7 | 222.5 | 221.4 | 214.1 | 215.3 | 217.0 | 216.3 | 25.8 |
| 16:00 | 203.0 | 203.5 | 205.0 | 205.5 | 196.6 | 197.7 | 198.4 | 200.2 | 28.2 |
| 17:00 | 209.4 | 210.5 | 207.8 | 208.4 | 198.0 | 204.8 | 197.3 | 203.2 | 23.0 |
| 18:00 | 225.3 | 223.6 | 225.7 | 223.5 | 220.6 | 219.0 | 220.5 | 219.0 | 16.0 |
| 19:00 | 223.9 | 222.5 | 222.9 | 222.1 | 216.4 | 217.7 | 216.0 | 217.4 | 14.7 |
| 20:00 | 220.1 | 217.1 | 221.0 | 217.6 | 216.1 | 212.1 | 216.3 | 212.7 | 18.0 |
| 21:00 | 229.7 | 221.8 | 229.2 | 221.2 | 228.6 | 216.7 | 228.9 | 216.1 | 13.7 |
| 22:00 | 247.6 | 244.5 | 247.8 | 245.0 | 242.3 | 239.0 | 242.8 | 239.4 | 11.3 |
| 23:00 | 236.9 | 229.8 | 236.5 | 229.6 | 238.0 | 224.9 | 238.7 | 224.7 | 9.7 |
| Avg | 226.0 | 223.0 | .0 | .0 | 225.0 | 218.0 | .0 | .0 | 16.6 |
| Max | 247.6 | 244.5 | 247.8 | 245.0 | 255.9 | 239.0 | 251.1 | 239.4 | 28.7 |
| Hr. of Max | 22 | 22 | 22 | 22 | 07 | 22 | 06 | 22 | 07 |
| Min | 203.0 | 203.5 | 205.0 | 205.5 | 196.6 | 197.7 | 197.3 | 200.2 | 7.8 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/24/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/23/2018

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 | 8.1 | 17.2 | 8.6 | 1.7 | 2.7 | 1.9 | 2.7 | .8 | 1.2 |
| 01:00 | 4.7 | 17.0 | 5.0 | 3.1 | 4.6 | 3.2 | 4.7 | 1.4 | 2.1 |
| 02:00 | 6.7 | 21.6 | 6.7 | 3.2 | 5.1 | 3.3 | 5.2 | 1.5 | 2.3 |
| 03:00 | 6.9 | 27.5 | 6.9 | 3.8 | 5.6 | 3.8 | 5.6 | 1.7 | 2.5 |
| 04:00 | 7.5 | 20.8 | 7.5 | 4.2 | 5.8 | 4.3 | 5.9 | 1.9 | 2.6 |
| 05:00 | 5.6 | 18.1 | 5.6 | 4.1 | 5.7 | 4.2 | 5.8 | 1.9 | 2.6 |
| 06:00 | 5.7 | 14.2 | 6.0 | 2.9 | 4.1 | 2.9 | 4.2 | 1.3 | 1.9 |
| 07:00 | 11.9 | 35.4 | 12.2 | 2.0 | 2.7 | 2.1 | 2.9 | .9 | 1.3 |
| 08:00 | 13.2 | 23.4 | 12.9 | 4.9 | 6.3 | 5.1 | 6.4 | 2.3 | 2.9 |
| 09:00 | 17.0 | 26.0 | 17.1 | 5.3 | 6.4 | 5.6 | 6.7 | 2.5 | 3.0 |
| 10:00 | 14.8 | 25.7 | 14.4 | 6.8 | 8.1 | 7.3 | 8.5 | 3.3 | 3.8 |
| 11:00 | 15.3 | 29.3 | 14.9 | 6.9 | 8.2 | 7.4 | 8.5 | 3.3 | 3.8 |
| 12:00 | 14.3 | 27.0 | 14.2 | 9.1 | 10.9 | 9.7 | 11.3 | 4.3 | 5.1 |
| 13:00 | 15.0 | 26.8 | 15.2 | 9.3 | 11.0 | 9.8 | 11.4 | 4.4 | 5.1 |
| 14:00 | 15.6 | 25.8 | 15.4 | 9.7 | 11.2 | 10.2 | 11.6 | 4.6 | 5.2 |
| 15:00 | 18.9 | 32.4 | 18.9 | 7.8 | 9.5 | 8.3 | 10.0 | 3.7 | 4.5 |
| 16:00 | 25.1 | 35.2 | 25.4 | 6.4 | 7.8 | 7.1 | 8.5 | 3.2 | 3.8 |
| 17:00 | 18.0 | 25.8 | 17.6 | 8.3 | 10.2 | 8.9 | 10.7 | 4.0 | 4.8 |
| 18:00 | 10.9 | 23.7 | 10.7 | 10.8 | 13.5 | 11.2 | 13.8 | 5.0 | 6.2 |
| 19:00 | 10.1 | 20.7 | 9.9 | 8.1 | 10.2 | 8.4 | 10.4 | 3.7 | 4.6 |
| 20:00 | 12.8 | 26.9 | 12.4 | 4.8 | 6.6 | 5.0 | 6.9 | 2.3 | 3.1 |
| 21:00 | 9.1 | 18.9 | 8.9 | 4.6 | 6.5 | 4.9 | 6.7 | 2.2 | 3.0 |
| 22:00 | 9.0 | 19.5 | 8.8 | 5.5 | 7.2 | 5.7 | 7.3 | 2.5 | 3.3 |
| 23:00 | 6.9 | 17.0 | 6.6 | 4.6 | 6.5 | 4.7 | 6.5 | 2.1 | 2.9 |
| Avg | 11.8 | 24.0 | 11.7 | 4.8 | 4.8 | 6.0 | 7.6 | 2.7 | 3.4 |
| Max | 25.1 | 35.4 | 25.4 | 10.8 | 13.5 | 11.2 | 13.8 | 5.0 | 6.2 |
| Hr. of Max | 16 | 07 | 16 | 18 | 18 | 18 | 18 | 18 | 18 |
| Min | 4.7 | 14.2 | 5.0 | 1.7 | 2.7 | 1.9 | 2.7 | .8 | 1.2 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/24/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/23/2018

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 | 1.0 | 2.9 | 1.2 | 3.0 | .5 | 1.3 | .1 | .8 | -.01 |
| 01:00 | 1.8 | 4.9 | 1.9 | 5.0 | .8 | 2.2 | -.4 | .7 | -.05 |
| 02:00 | 1.8 | 5.4 | 1.9 | 5.5 | .8 | 2.5 | -.8 | -.1 | -.06 |
| 03:00 | 1.6 | 5.9 | 1.8 | 6.0 | .8 | 2.7 | .1 | .0 | -.04 |
| 04:00 | 2.4 | 6.2 | 2.6 | 6.3 | 1.2 | 2.8 | 1.1 | .9 | -.04 |
| 05:00 | 2.3 | 6.1 | 2.4 | 6.2 | 1.1 | 2.8 | .6 | .7 | -.06 |
| 06:00 | 2.0 | 4.4 | 2.0 | 4.4 | .9 | 2.0 | -2.1 | -1.0 | -.09 |
| 07:00 | 1.7 | 3.0 | 1.9 | 3.1 | .8 | 1.4 | -4.0 | -2.2 | -.17 |
| 08:00 | 3.8 | 6.7 | 4.1 | 6.9 | 1.8 | 3.1 | 2.1 | -.1 | .01 |
| 09:00 | 4.4 | 6.9 | 5.0 | 7.2 | 2.2 | 3.2 | 2.5 | 1.2 | .09 |
| 10:00 | 5.5 | 8.7 | 6.2 | 9.2 | 2.8 | 4.1 | .1 | -.9 | -.23 |
| 11:00 | 5.4 | 8.9 | 6.2 | 9.2 | 2.8 | 4.1 | 1.2 | .2 | -.08 |
| 12:00 | 7.2 | 11.6 | 8.1 | 12.1 | 3.6 | 5.4 | -.6 | -2.0 | -.34 |
| 13:00 | 7.4 | 11.7 | 8.2 | 12.2 | 3.6 | 5.4 | 1.6 | .5 | -.13 |
| 14:00 | 7.6 | 11.9 | 8.3 | 12.4 | 3.7 | 5.5 | -.4 | -1.9 | -.36 |
| 15:00 | 6.2 | 10.2 | 7.1 | 10.6 | 3.2 | 4.8 | 1.7 | 2.2 | -.08 |
| 16:00 | 5.1 | 8.3 | 5.9 | 9.1 | 2.6 | 4.1 | 1.7 | 2.9 | -.04 |
| 17:00 | 6.8 | 10.8 | 7.5 | 11.4 | 3.3 | 5.1 | 3.7 | 5.2 | .12 |
| 18:00 | 8.0 | 14.3 | 8.6 | 14.6 | 3.8 | 6.5 | -.4 | .0 | -.38 |
| 19:00 | 6.1 | 10.9 | 6.4 | 11.0 | 2.9 | 4.9 | .3 | .1 | -.18 |
| 20:00 | 3.2 | 7.0 | 3.6 | 7.3 | 1.6 | 3.3 | 2.6 | 2.3 | -.01 |
| 21:00 | 2.9 | 6.8 | 3.3 | 7.1 | 1.5 | 3.2 | -.5 | .5 | -.11 |
| 22:00 | 3.3 | 7.6 | 3.6 | 7.8 | 1.6 | 3.5 | .0 | .9 | -.10 |
| 23:00 | 2.6 | 6.8 | 2.8 | 6.9 | 1.2 | 3.1 | -1.7 | .5 | -.14 |
| Avg | 4.3 | 4.3 | 4.6 | 8.1 | 2.0 | 3.6 | .4 | .5 | -.10 |
| Max | 8.0 | 14.3 | 8.6 | 14.6 | 3.8 | 6.5 | 3.7 | 5.2 | .12 |
| Hr. of Max | 18 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 |
| Min | 1.0 | 2.9 | 1.2 | 3.0 | .5 | 1.3 | -4.0 | -2.2 | -.38 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 6/24/2018 07:00

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/23/2018

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 | .05 | 5.7 | 6.6 | 2.4 | 7.7 | 4.5 | 21.0 | 21.0 |
| 01:00 | .06 | 5.3 | 6.9 | 4.0 | 7.8 | 2.8 | 21.0 | 21.1 |
| 02:00 | -.02 | 6.9 | 7.8 | 4.4 | 12.0 | 4.3 | 21.6 | 21.5 |
| 03:00 | -.02 | 8.7 | 9.6 | 4.9 | 14.9 | 4.4 | 21.8 | 21.6 |
| 04:00 | .06 | 8.7 | 12.8 | 6.7 | 14.1 | 5.7 | 22.0 | 21.6 |
| 05:00 | .07 | 8.5 | 10.8 | 6.2 | 13.5 | 3.5 | 21.7 | 21.3 |
| 06:00 | -.08 | 7.1 | 11.2 | 3.6 | 6.2 | 3.6 | 21.2 | 21.0 |
| 07:00 | -.15 | 5.7 | 7.1 | 5.1 | 11.3 | 8.3 | 21.6 | 21.1 |
| 08:00 | -.12 | 11.9 | 14.0 | 11.6 | 18.8 | 11.1 | 22.8 | 22.1 |
| 09:00 | -.02 | 12.1 | 14.4 | 13.3 | 18.7 | 14.2 | 23.6 | 22.8 |
| 10:00 | -.30 | 15.3 | 16.0 | 14.6 | 17.7 | 12.6 | 24.4 | 23.5 |
| 11:00 | -.15 | 17.4 | 18.8 | 14.3 | 18.5 | 13.7 | 25.4 | 24.5 |
| 12:00 | -.54 | 18.3 | 19.0 | 17.1 | 17.7 | 10.6 | 26.8 | 25.8 |
| 13:00 | -.19 | 22.7 | 25.9 | 20.3 | 18.7 | 13.2 | 28.2 | 27.2 |
| 14:00 | -.51 | 20.6 | 21.1 | 21.3 | 16.3 | 10.3 | 28.8 | 27.9 |
| 15:00 | .16 | 18.5 | 19.9 | 19.4 | 19.4 | 14.3 | 29.5 | 28.6 |
| 16:00 | .24 | 17.6 | 21.5 | 17.4 | 19.1 | 15.1 | 29.5 | 28.8 |
| 17:00 | .59 | 22.7 | 22.4 | 19.4 | 20.1 | 15.5 | 26.5 | 25.7 |
| 18:00 | -.19 | 23.1 | 25.2 | 22.2 | 17.4 | 8.8 | 25.4 | 24.6 |
| 19:00 | -.09 | 14.7 | 20.2 | 14.2 | 16.4 | 7.7 | 25.0 | 24.4 |
| 20:00 | .20 | 11.9 | 18.5 | 10.1 | 19.2 | 9.6 | 24.6 | 24.1 |
| 21:00 | .04 | 11.9 | 15.1 | 8.2 | 14.0 | 5.5 | 24.0 | 23.7 |
| 22:00 | .09 | 13.3 | 12.6 | 9.3 | 14.6 | 5.5 | 24.1 | 23.8 |
| 23:00 | .03 | 11.7 | 12.8 | 6.2 | 11.3 | 4.4 | 23.9 | 23.7 |
| Avg | -.03 | 13.3 | 15.4 | 11.5 | 15.2 | 8.7 | 24.4 | 23.8 |
| Max | .59 | 23.1 | 25.9 | 22.2 | 20.1 | 15.5 | 29.5 | 28.8 |
| Hr. of Max | 17 | 18 | 13 | 18 | 17 | 17 | 16 | 16 |
| Min | -.54 | 5.3 | 6.6 | 2.4 | 6.2 | 2.8 | 21.0 | 21.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |