Date Printed: 11/28/2018 05:45

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

11/27/2018

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 | 1.1 | 1.1 | .9 | .9 | 33.9 | 34.0 | 33.7 | 33.5 | .04 |
| 01:00 | .9 | .8 | .6 | .5 | 33.5 | 33.5 | 33.1 | 33.0 | -.02 |
| 02:00 | .7 | .7 | .5 | .4 | 33.3 | 33.2 | 32.9 | 32.7 | -.04 |
| 03:00 | .5 | .5 | .3 | .2 | 33.0 | 32.9 | 32.5 | 32.3 | -.05 |
| 04:00 | .4 | .4 | .2 | .1 | 32.8 | 32.7 | 32.3 | 32.1 | -.05 |
| 05:00 | .3 | .3 | .1 | .0 | 32.5 | 32.5 | 32.1 | 31.9 | -.03 |
| 06:00 | .0 | -.1 | -.3 | -.4 | 32.0 | 31.9 | 31.5 | 31.3 | -.05 |
| 07:00 | -.2 | -.3 | -.5 | -.6 | 31.6 | 31.5 | 31.2 | 31.0 | -.05 |
| 08:00 | -.1 | -.2 | -.4 | -.6 | 31.9 | 31.6 | 31.2 | 31.0 | -.15 |
| 09:00 | .0 | -.2 | -.4 | -.5 | 32.0 | 31.7 | 31.3 | 31.0 | -.18 |
| 10:00 | .0 | -.2 | -.4 | -.6 | 32.1 | 31.7 | 31.2 | 31.0 | -.23 |
| 11:00 | .3 | -.1 | -.3 | -.5 | 32.6 | 31.9 | 31.4 | 31.1 | -.39 |
| 12:00 | 1.0 | .4 | .0 | -.1 | 33.8 | 32.7 | 32.1 | 31.8 | -.62 |
| 13:00 | .3 | -.1 | -.4 | -.6 | 32.5 | 31.7 | 31.2 | 31.0 | -.44 |
| 14:00 | -.1 | -.6 | -.8 | -1.0 | 31.8 | 31.0 | 30.5 | 30.2 | -.43 |
| 15:00 | -.8 | -1.0 | -1.3 | -1.5 | 30.6 | 30.1 | 29.7 | 29.4 | -.27 |
| 16:00 | -1.3 | -1.5 | -1.7 | -1.9 | 29.6 | 29.3 | 28.9 | 28.6 | -.17 |
| 17:00 | -1.8 | -1.9 | -2.1 | -2.3 | 28.8 | 28.6 | 28.2 | 27.9 | -.14 |
| 18:00 | -2.0 | -2.1 | -2.3 | -2.4 | 28.5 | 28.2 | 27.9 | 27.6 | -.11 |
| 19:00 | -2.0 | -2.1 | -2.3 | -2.4 | 28.4 | 28.2 | 27.8 | 27.6 | -.12 |
| 20:00 | -2.0 | -2.1 | -2.3 | -2.4 | 28.4 | 28.2 | 27.9 | 27.7 | -.09 |
| 21:00 | -1.9 | -2.0 | -2.2 | -2.3 | 28.5 | 28.4 | 28.0 | 27.8 | -.09 |
| 22:00 | -2.1 | -2.1 | -2.3 | -2.4 | 28.2 | 28.2 | 27.8 | 27.6 | -.02 |
| 23:00 | -2.6 | -2.6 | -2.8 | -2.9 | 27.3 | 27.4 | 27.0 | 26.8 | .04 |
| Avg | -.5 | -.6 | -.8 | -1.0 | 31.2 | 30.9 | 30.5 | 30.2 | -.15 |
| Max | 1.1 | 1.1 | .9 | .9 | 33.9 | 34.0 | 33.7 | 33.5 | .04 |
| Hr. of Max | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 23 |
| Min | -2.6 | -2.6 | -2.8 | -2.9 | 27.3 | 27.4 | 27.0 | 26.8 | -.62 |
| 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)

11/27/2018

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 | -.14 | -.21 | -.17 | -.24 | -4.6 | -5.0 | 23.8 | 23.0 | -3.0 |
| 01:00 | -.22 | -.32 | -.20 | -.30 | -4.4 | -4.7 | 24.0 | 23.6 | -2.8 |
| 02:00 | -.24 | -.34 | -.19 | -.29 | -4.2 | -4.4 | 24.5 | 24.0 | -2.7 |
| 03:00 | -.25 | -.36 | -.20 | -.31 | -4.3 | -4.5 | 24.2 | 23.9 | -2.8 |
| 04:00 | -.24 | -.35 | -.19 | -.29 | -4.6 | -4.9 | 23.6 | 23.3 | -3.1 |
| 05:00 | -.22 | -.33 | -.19 | -.30 | -5.2 | -5.5 | 22.6 | 22.1 | -3.6 |
| 06:00 | -.25 | -.37 | -.20 | -.32 | -5.7 | -5.9 | 21.7 | 21.4 | -3.9 |
| 07:00 | -.26 | -.37 | -.21 | -.32 | -6.0 | -6.3 | 21.1 | 20.6 | -4.3 |
| 08:00 | -.37 | -.50 | -.23 | -.35 | -6.1 | -6.4 | 21.0 | 20.6 | -4.3 |
| 09:00 | -.42 | -.56 | -.24 | -.38 | -6.1 | -6.2 | 21.1 | 20.9 | -4.2 |
| 10:00 | -.48 | -.62 | -.25 | -.39 | -6.2 | -6.4 | 20.8 | 20.5 | -4.3 |
| 11:00 | -.68 | -.84 | -.29 | -.45 | -6.7 | -6.9 | 19.9 | 19.6 | -4.6 |
| 12:00 | -.96 | -1.14 | -.34 | -.52 | -7.4 | -7.3 | 18.6 | 18.8 | -4.8 |
| 13:00 | -.72 | -.87 | -.28 | -.43 | -7.3 | -7.3 | 18.8 | 18.9 | -4.9 |
| 14:00 | -.71 | -.87 | -.28 | -.45 | -8.0 | -8.0 | 17.6 | 17.7 | -5.5 |
| 15:00 | -.53 | -.68 | -.26 | -.41 | -8.3 | -8.3 | 17.0 | 17.0 | -5.9 |
| 16:00 | -.40 | -.54 | -.23 | -.37 | -8.3 | -8.4 | 17.0 | 16.9 | -6.1 |
| 17:00 | -.36 | -.50 | -.23 | -.37 | -8.6 | -8.8 | 16.5 | 16.2 | -6.5 |
| 18:00 | -.34 | -.47 | -.22 | -.35 | -9.2 | -9.4 | 15.4 | 15.0 | -7.0 |
| 19:00 | -.34 | -.47 | -.22 | -.35 | -9.0 | -9.2 | 15.7 | 15.4 | -6.9 |
| 20:00 | -.30 | -.42 | -.22 | -.33 | -8.5 | -8.8 | 16.7 | 16.2 | -6.5 |
| 21:00 | -.30 | -.42 | -.21 | -.32 | -8.4 | -8.7 | 16.9 | 16.4 | -6.5 |
| 22:00 | -.22 | -.32 | -.20 | -.30 | -8.5 | -8.7 | 16.7 | 16.3 | -6.5 |
| 23:00 | -.15 | -.25 | -.19 | -.29 | -8.8 | -9.2 | 16.1 | 15.4 | -7.0 |
| Avg | -.38 | -.51 | -.23 | -.35 | -6.9 | -7.1 | 19.6 | 19.3 | -4.9 |
| Max | -.14 | -.21 | -.17 | -.24 | -4.2 | -4.4 | 24.5 | 24.0 | -2.7 |
| Hr. of Max | 00 | 00 | 00 | 00 | 02 | 02 | 02 | 02 | 02 |
| Min | -.96 | -1.14 | -.34 | -.52 | -9.2 | -9.4 | 15.4 | 15.0 | -7.0 |
| 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)

11/27/2018

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 | 3.8 | 66.6 | 64.3 | 3.5 | 3.3 | 0.002767 | 0.002682 | 0.004157 | 0.004168 |
| 01:00 | 3.3 | 68.1 | 67.1 | 3.5 | 3.4 | 0.002791 | 0.002747 | 0.004098 | 0.004092 |
| 02:00 | 3.0 | 70.3 | 69.1 | 3.6 | 3.5 | 0.00285 | 0.002792 | 0.004055 | 0.004042 |
| 03:00 | 2.9 | 70.4 | 69.7 | 3.5 | 3.5 | 0.002818 | 0.002781 | 0.004004 | 0.00399 |
| 04:00 | .5 R | 69.2 | 68.4 | 3.4 | 3.4 | 0.002751 | 0.002707 | 0.003973 | 0.003958 |
| 05:00 | 2.3 | 67.0 | 65.7 | 3.3 | 3.2 | 0.002636 | 0.00258 | 0.003935 | 0.003925 |
| 06:00 | 4.1 | 65.9 | 65.2 | 3.2 | 3.1 | 0.002538 | 0.002503 | 0.003852 | 0.003838 |
| 07:00 | 4.3 | 65.1 | 64.0 | 3.1 | 3.0 | 0.002471 | 0.00242 | 0.003797 | 0.003783 |
| 08:00 | 4.5 | 64.3 | 63.6 | 3.1 | 3.0 | 0.002464 | 0.002413 | 0.003834 | 0.003794 |
| 09:00 | 4.1 | 64.0 | 64.2 | 3.1 | 3.1 | 0.00247 | 0.002446 | 0.003857 | 0.003807 |
| 10:00 | 4.2 | 63.0 | 63.2 | 3.1 | 3.0 | 0.002435 | 0.002402 | 0.003864 | 0.003799 |
| 11:00 | 4.3 | 59.5 | 60.4 | 2.9 | 2.9 | 0.002346 | 0.002318 | 0.003946 | 0.003836 |
| 12:00 | 4.1 | 53.8 | 56.6 | 2.8 | 2.8 | 0.00223 | 0.002242 | 0.004147 | 0.003964 |
| 13:00 | 3.7 | 56.9 | 59.1 | 2.8 | 2.8 | 0.002242 | 0.002254 | 0.003937 | 0.003813 |
| 14:00 | 3.6 | 55.8 | 57.7 | 2.7 | 2.7 | 0.002132 | 0.002135 | 0.00382 | 0.003702 |
| 15:00 | 3.7 | 56.9 | 58.1 | 2.6 | 2.6 | 0.002071 | 0.002075 | 0.003641 | 0.003569 |
| 16:00 | 1.2 | 59.2 | 59.8 | 2.6 | 2.6 | 0.00207 | 0.002064 | 0.003495 | 0.003451 |
| 17:00 | 1.2 | 59.9 | 59.8 | 2.6 | 2.5 | 0.002022 | 0.001998 | 0.003376 | 0.003343 |
| 18:00 | -4.0 R | 58.0 | 57.4 | 2.4 | 2.4 | 0.001931 | 0.001894 | 0.003327 | 0.003299 |
| 19:00 | < | 58.9 | 58.4 | 2.5 | 2.4 | 0.001956 | 0.001924 | 0.003323 | 0.003293 |
| 20:00 | -.2 R | 61.4 | 60.5 | 2.6 | 2.5 | 0.002039 | 0.001995 | 0.00332 | 0.003299 |
| 21:00 | 2.6 | 61.6 | 60.6 | 2.6 | 2.5 | 0.002054 | 0.002009 | 0.003335 | 0.003313 |
| 22:00 | 3.5 | 62.0 | 61.0 | 2.6 | 2.5 | 0.002037 | 0.002003 | 0.003288 | 0.003283 |
| 23:00 | 3.3 | 62.7 | 60.6 | 2.5 | 2.4 | 0.001985 | 0.001926 | 0.003167 | 0.003176 |
| Avg | 2.8 | 62.5 | 62.3 | 2.9 | 2.9 | 0.002338 | 0.002305 | 0.003731 | 0.003689 |
| Max | 4.5 | 70.4 | 69.7 | 3.6 | 3.5 | 0.00285 | 0.002792 | 0.004157 | 0.004168 |
| Hr. of Max | 08 | 03 | 03 | 02 | 03 | 02 | 02 | 00 | 00 |
| Min | -4.0 | 53.8 | 56.6 | 2.4 | 2.4 | 0.001931 | 0.001894 | 0.003167 | 0.003176 |
| Count | 23 | 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)

11/27/2018

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 | 4.4 | 4.2 | 6.6 | 6.6 | .00 | 29.14 | 986.7 | -1.1 | .00 |
| 01:00 | 4.4 | 4.3 | 6.5 | 6.5 | .00 | 29.13 | 986.4 | -1.2 | .00 |
| 02:00 | 4.5 | 4.4 | 6.4 | 6.4 | .00 | 29.12 | 986.2 | -1.2 | .00 |
| 03:00 | 4.4 | 4.4 | 6.3 | 6.3 | .00 | 29.12 | 986.3 | -1.2 | .00 |
| 04:00 | 4.3 | 4.3 | 6.3 | 6.3 | .00 | 29.12 | 986.0 | -1.1 | .00 |
| 05:00 | 4.2 | 4.1 | 6.2 | 6.2 | .00 | 29.12 | 986.2 | -1.2 | .00 |
| 06:00 | 4.0 | 4.0 | 6.1 | 6.1 | .00 | 29.12 | 986.2 | -1.2 | .00 |
| 07:00 | 3.9 | 3.8 | 6.0 | 6.0 | .00 | 29.12 | 986.0 | 5.0 | .01 |
| 08:00 | 3.9 | 3.8 | 6.1 | 6.0 | .00 | 29.12 | 986.2 | 47.0 | .07 |
| 09:00 | 3.9 | 3.9 | 6.1 | 6.0 | .00 | 29.13 | 986.6 | 61.9 | .09 |
| 10:00 | 3.8 | 3.8 | 6.1 | 6.0 | .00 | 29.14 | 986.9 | 102.1 | .15 |
| 11:00 | 3.7 | 3.7 | 6.3 | 6.1 | .00 | 29.13 | 986.4 | 218.8 | .31 |
| 12:00 | 3.5 | 3.5 | 6.6 | 6.3 | .00 | 29.11 | 985.9 | 321.4 | .46 |
| 13:00 | 3.5 | 3.6 | 6.2 | 6.0 | .00 | 29.10 | 985.6 | 190.9 | .27 |
| 14:00 | 3.4 | 3.4 | 6.1 | 5.9 | .00 | 29.11 | 985.7 | 177.6 | .25 |
| 15:00 | 3.3 | 3.3 | 5.8 | 5.7 | .00 | 29.12 | 986.0 | 88.3 | .13 |
| 16:00 | 3.3 | 3.3 | 5.5 | 5.5 | .00 | 29.14 | 986.8 | 28.4 | .04 |
| 17:00 | 3.2 | 3.2 | 5.4 | 5.3 | .00 | 29.16 | 987.6 | 1.0 | .00 |
| 18:00 | 3.1 | 3.0 | 5.3 | 5.2 | .00 | 29.18 | 988.3 | -1.1 | .00 |
| 19:00 | 3.1 | 3.0 | 5.3 | 5.2 | .00 | 29.19 | 988.6 | -1.1 | .00 |
| 20:00 | 3.2 | 3.2 | 5.3 | 5.2 | .00 | 29.19 | 988.6 | -1.1 | .00 |
| 21:00 | 3.3 | 3.2 | 5.3 | 5.3 | .00 | 29.20 | 988.9 | -1.2 | .00 |
| 22:00 | 3.2 | 3.2 | 5.2 | 5.2 | .00 | 29.21 | 989.3 | -1.0 | .00 |
| 23:00 | 3.1 | 3.1 | 5.0 | 5.1 | .00 | 29.22 | 989.4 | -1.0 | .00 |
| Avg | 3.7 | 3.7 | 5.9 | 5.9 | .00 | 29.14 | 987.0 | 51.2 | .07 |
| Max | 4.5 | 4.4 | 6.6 | 6.6 | .00 | 29.22 | 989.4 | 321.4 | .46 |
| Hr. of Max | 02 | 03 | 12 | 00 | 23 | 23 | 23 | 12 | 12 |
| Min | 3.1 | 3.0 | 5.0 | 5.1 | .00 | 29.10 | 985.6 | -1.2 | .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)

11/27/2018

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 | 266.8 | 269.3 | 266.8 | 269.1 | 254.0 | 263.6 | 253.4 | 263.0 | 20.2 |
| 01:00 | 285.1 | 292.5 | 282.5 | 289.9 | 267.8 | 284.8 | 266.9 | 282.3 | 31.8 |
| 02:00 | 290.1 | 291.0 | 292.1 | 292.2 | 274.7 | 283.3 | 276.9 | 284.2 | 29.4 |
| 03:00 | 290.7 | 296.5 | 294.2 | 297.0 | 280.4 | 288.5 | 278.6 | 288.8 | 28.2 |
| 04:00 | 275.0 | 281.7 | 276.3 | 282.6 | 259.6 | 275.1 | 261.2 | 275.5 | 21.7 |
| 05:00 | 268.8 | 273.6 | 268.8 | 273.9 | 258.6 | 267.6 | 256.8 | 267.5 | 19.9 |
| 06:00 | 270.2 | 272.2 | 274.0 | 275.2 | 258.8 | 265.7 | 259.2 | 268.1 | 21.6 |
| 07:00 | 265.6 | 271.1 | 266.4 | 272.1 | 252.7 | 264.9 | 252.8 | 265.4 | 20.7 |
| 08:00 | 264.9 | 268.3 | 265.9 | 268.4 | 256.9 | 262.3 | 253.9 | 262.1 | 23.7 |
| 09:00 | 260.8 | 262.4 | 260.6 | 262.2 | 253.6 | 256.6 | 250.2 | 256.0 | 21.5 |
| 10:00 | 263.4 | 265.8 | 265.5 | 266.8 | 258.3 | 260.0 | 257.5 | 260.6 | 20.2 |
| 11:00 | 265.9 | 267.6 | 266.6 | 267.7 | 255.4 | 261.2 | 254.6 | 261.1 | 22.8 |
| 12:00 | 270.5 | 273.1 | 268.5 | 271.9 | 263.1 | 266.7 | 260.5 | 265.3 | 20.6 |
| 13:00 | 295.7 | 296.3 | 294.3 | 296.5 | 282.6 | 288.6 | 281.7 | 288.7 | 29.4 |
| 14:00 | 298.4 | 302.3 | 296.3 | 300.2 | 282.3 | 293.7 | 281.5 | 291.8 | 30.4 |
| 15:00 | 291.4 | 295.1 | 289.8 | 295.1 | 277.0 | 287.0 | 274.7 | 287.0 | 28.1 |
| 16:00 | 286.5 | 289.4 | 287.3 | 289.7 | 274.5 | 281.9 | 274.3 | 281.9 | 27.5 |
| 17:00 | 278.6 | 283.5 | 279.7 | 283.2 | 270.4 | 276.5 | 270.0 | 276.1 | 23.6 |
| 18:00 | 275.1 | 274.6 | 275.7 | 277.7 | 263.5 | 265.7 | 260.1 | 269.9 | 35.7 |
| 19:00 | 273.6 | 278.6 | 273.0 | 278.2 | 255.1 | 271.8 | 254.8 | 271.1 | 27.5 |
| 20:00 | 259.0 | 269.6 | 261.8 | 271.7 | 239.8 | 262.5 | 241.4 | 263.9 | 57.1 |
| 21:00 | 272.0 | 274.1 | 274.4 | 274.1 | 260.0 | 267.3 | 259.4 | 267.1 | 33.8 |
| 22:00 | 272.5 | 277.2 | 272.4 | 277.5 | 257.6 | 270.2 | 255.8 | 270.1 | 24.0 |
| 23:00 | 275.2 | 279.8 | 276.0 | 280.8 | 260.0 | 272.7 | 259.5 | 273.4 | 22.1 |
| Avg | 275.0 | 279.0 | .0 | .0 | 263.0 | 272.0 | .0 | .0 | 26.7 |
| Max | 298.4 | 302.3 | 296.3 | 300.2 | 282.6 | 293.7 | 281.7 | 291.8 | 57.1 |
| Hr. of Max | 14 | 14 | 14 | 14 | 13 | 14 | 13 | 14 | 20 |
| Min | 259.0 | 262.4 | 260.6 | 262.2 | 239.8 | 256.6 | 241.4 | 256.0 | 19.9 |
| 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)

11/27/2018

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 | 16.3 | 22.9 | 15.8 | 6.9 | 8.9 | 7.3 | 9.3 | 3.3 | 4.1 |
| 01:00 | 21.8 | 33.8 | 20.6 | 5.0 | 6.4 | 5.5 | 6.9 | 2.4 | 3.1 |
| 02:00 | 22.0 | 35.4 | 20.7 | 2.8 | 3.8 | 3.1 | 4.1 | 1.4 | 1.8 |
| 03:00 | 22.5 | 32.5 | 21.2 | 3.8 | 4.9 | 4.2 | 5.3 | 1.9 | 2.4 |
| 04:00 | 17.9 | 24.8 | 16.8 | 3.7 | 4.9 | 4.1 | 5.3 | 1.8 | 2.3 |
| 05:00 | 15.5 | 24.9 | 14.8 | 4.4 | 5.5 | 4.7 | 5.7 | 2.1 | 2.6 |
| 06:00 | 18.5 | 24.2 | 18.1 | 5.3 | 6.7 | 5.7 | 7.2 | 2.5 | 3.2 |
| 07:00 | 16.1 | 20.5 | 16.0 | 4.7 | 5.7 | 4.9 | 5.9 | 2.2 | 2.6 |
| 08:00 | 17.5 | 28.1 | 17.9 | 4.9 | 6.2 | 5.3 | 6.4 | 2.4 | 2.9 |
| 09:00 | 17.7 | 26.9 | 17.7 | 6.3 | 7.7 | 6.7 | 8.1 | 3.0 | 3.6 |
| 10:00 | 17.9 | 22.9 | 17.3 | 7.3 | 8.5 | 7.8 | 8.9 | 3.5 | 4.0 |
| 11:00 | 18.4 | 26.0 | 19.0 | 6.5 | 7.7 | 7.1 | 8.2 | 3.2 | 3.6 |
| 12:00 | 18.1 | 25.0 | 17.2 | 8.4 | 9.5 | 9.0 | 10.0 | 4.0 | 4.5 |
| 13:00 | 24.3 | 31.4 | 23.7 | 6.4 | 7.7 | 7.2 | 8.4 | 3.2 | 3.7 |
| 14:00 | 26.7 | 32.8 | 25.3 | 6.7 | 8.2 | 7.4 | 8.9 | 3.3 | 4.0 |
| 15:00 | 24.4 | 28.5 | 23.6 | 6.8 | 7.7 | 7.4 | 8.2 | 3.3 | 3.7 |
| 16:00 | 20.9 | 30.3 | 19.9 | 6.6 | 8.2 | 7.3 | 8.8 | 3.2 | 3.9 |
| 17:00 | 19.7 | 29.7 | 18.8 | 7.2 | 8.9 | 7.8 | 9.4 | 3.5 | 4.2 |
| 18:00 | 26.9 | 40.1 | 28.2 | 3.9 | 4.8 | 4.4 | 5.2 | 2.0 | 2.3 |
| 19:00 | 20.7 | 24.7 | 20.2 | 3.9 | 5.2 | 4.2 | 5.4 | 1.9 | 2.4 |
| 20:00 | 39.6 | 47.2 | 39.8 | 2.3 | 2.7 | 2.8 | 3.2 | 1.3 | 1.4 |
| 21:00 | 25.4 | 34.0 | 24.8 | 2.5 | 3.1 | 2.9 | 3.5 | 1.3 | 1.6 |
| 22:00 | 20.2 | 27.1 | 19.6 | 4.2 | 5.5 | 4.5 | 5.8 | 2.0 | 2.6 |
| 23:00 | 18.3 | 26.9 | 17.5 | 5.6 | 6.9 | 6.0 | 7.3 | 2.7 | 3.3 |
| Avg | 21.1 | 29.2 | 20.6 | 5.8 | 5.8 | 5.7 | 6.9 | 2.6 | 3.1 |
| Max | 39.6 | 47.2 | 39.8 | 8.4 | 9.5 | 9.0 | 10.0 | 4.0 | 4.5 |
| Hr. of Max | 20 | 20 | 20 | 12 | 12 | 12 | 12 | 12 | 12 |
| Min | 15.5 | 20.5 | 14.8 | 2.3 | 2.7 | 2.8 | 3.2 | 1.3 | 1.4 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 11/28/2018 05:45

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

11/27/2018

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 | 5.7 | 9.4 | 6.1 | 9.7 | 2.7 | 4.3 | .2 | -1.3 | -.16 |
| 01:00 | 4.1 | 6.8 | 4.5 | 7.3 | 2.0 | 3.2 | .9 | -2.4 | -.20 |
| 02:00 | 2.0 | 4.1 | 2.5 | 4.4 | 1.1 | 2.0 | 1.9 | -2.9 | -.03 |
| 03:00 | 2.9 | 5.1 | 3.3 | 5.5 | 1.5 | 2.5 | .9 | -.3 | -.11 |
| 04:00 | 2.9 | 5.2 | 3.1 | 5.5 | 1.4 | 2.5 | 2.1 | -.7 | -.08 |
| 05:00 | 3.7 | 5.8 | 4.1 | 6.0 | 1.8 | 2.7 | -.9 | -1.6 | -.16 |
| 06:00 | 4.3 | 7.1 | 4.7 | 7.5 | 2.1 | 3.3 | .2 | -.4 | -.13 |
| 07:00 | 4.1 | 6.0 | 4.4 | 6.2 | 2.0 | 2.8 | -1.2 | .2 | -.20 |
| 08:00 | 3.9 | 6.5 | 4.3 | 6.8 | 1.9 | 3.0 | .5 | 1.0 | -.11 |
| 09:00 | 5.3 | 8.2 | 5.7 | 8.6 | 2.6 | 3.9 | .5 | 2.3 | -.18 |
| 10:00 | 6.0 | 9.0 | 6.4 | 9.4 | 2.9 | 4.2 | -.5 | -1.3 | -.30 |
| 11:00 | 5.4 | 8.2 | 6.1 | 8.6 | 2.7 | 3.9 | .3 | 1.3 | -.18 |
| 12:00 | 6.8 | 10.0 | 7.4 | 10.5 | 3.3 | 4.7 | -1.4 | -1.8 | -.42 |
| 13:00 | 5.6 | 8.2 | 6.4 | 8.8 | 2.9 | 4.0 | -.1 | -.9 | -.37 |
| 14:00 | 5.7 | 8.7 | 6.5 | 9.4 | 2.9 | 4.2 | .3 | .3 | -.28 |
| 15:00 | 5.6 | 8.2 | 6.1 | 8.7 | 2.7 | 3.9 | -3.8 | .6 | -.68 |
| 16:00 | 5.1 | 8.8 | 5.9 | 9.3 | 2.6 | 4.1 | -3.6 | -2.4 | -.55 |
| 17:00 | 5.5 | 9.4 | 6.2 | 9.9 | 2.8 | 4.4 | -1.5 | -.9 | -.42 |
| 18:00 | 3.4 | 5.2 | 4.0 | 5.6 | 1.8 | 2.5 | -1.7 | -.5 | -.22 |
| 19:00 | 3.7 | 5.5 | 4.0 | 5.8 | 1.8 | 2.6 | .0 | .6 | -.18 |
| 20:00 | 2.2 | 3.0 | 2.8 | 3.6 | 1.2 | 1.6 | -1.6 | 2.5 | -.11 |
| 21:00 | 2.2 | 3.4 | 2.7 | 3.8 | 1.2 | 1.7 | -3.3 | -3.1 | -.20 |
| 22:00 | 3.6 | 5.9 | 4.0 | 6.2 | 1.8 | 2.8 | -2.1 | -2.7 | -.25 |
| 23:00 | 4.5 | 7.3 | 5.0 | 7.6 | 2.2 | 3.4 | -.5 | -2.0 | -.25 |
| Avg | 5.5 | 5.5 | 4.8 | 7.3 | 2.2 | 3.3 | -.6 | -.7 | -.24 |
| Max | 6.8 | 10.0 | 7.4 | 10.5 | 3.3 | 4.7 | 2.1 | 2.5 | -.03 |
| Hr. of Max | 12 | 12 | 12 | 12 | 12 | 12 | 04 | 20 | 02 |
| Min | 2.0 | 3.0 | 2.5 | 3.6 | 1.1 | 1.6 | -3.8 | -3.1 | -.68 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 11/28/2018 05:45

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

11/27/2018

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 | -.40 | 17.9 | 19.7 | 15.8 | 16.9 | 11.7 | .9 | .4 |
| 01:00 | -.64 | 16.0 | 22.2 | 16.2 | 22.2 | 16.5 | .7 | .1 |
| 02:00 | -.37 | 9.6 | 11.9 | 7.7 | 21.1 | 15.2 | .5 | .0 |
| 03:00 | -.23 | 11.4 | 17.4 | 10.9 | 21.7 | 15.7 | .3 | -.2 |
| 04:00 | -.23 | 9.4 | 11.4 | 9.2 | 19.9 | 13.9 | .2 | -.3 |
| 05:00 | -.30 | 11.7 | 11.9 | 10.0 | 15.8 | 12.4 | .1 | -.5 |
| 06:00 | -.29 | 20.6 | 21.8 | 14.7 | 16.5 | 12.5 | -.2 | -.8 |
| 07:00 | -.14 | 13.1 | 13.3 | 11.0 | 15.0 | 12.2 | -.5 | -1.0 |
| 08:00 | -.07 | 13.5 | 16.5 | 12.2 | 17.1 | 13.5 | -.4 | -1.0 |
| 09:00 | .06 | 16.7 | 19.2 | 15.8 | 17.7 | 14.4 | -.4 | -1.0 |
| 10:00 | -.44 | 16.5 | 17.4 | 17.4 | 16.2 | 12.3 | -.4 | -1.1 |
| 11:00 | -.24 | 17.4 | 21.5 | 15.7 | 18.0 | 16.6 | -.3 | -1.0 |
| 12:00 | -.49 | 28.9 | 30.5 | 20.5 | 18.3 | 13.9 | .0 | -.7 |
| 13:00 | -.54 | 18.5 | 19.7 | 16.0 | 20.7 | 19.3 | -.4 | -1.1 |
| 14:00 | -.50 | 21.5 | 20.6 | 18.9 | 22.0 | 19.0 | -.8 | -1.5 |
| 15:00 | -.46 | 21.5 | 22.9 | 15.9 | 20.5 | 19.7 | -1.3 | -1.9 |
| 16:00 | -.83 | 19.7 | 22.2 | 17.1 | 19.9 | 17.4 | -1.7 | -2.3 |
| 17:00 | -.62 | 18.3 | 19.7 | 17.1 | 19.3 | 15.9 | -2.1 | -2.7 |
| 18:00 | -.27 | 14.4 | 16.5 | 14.3 | 20.7 | 18.6 | -2.3 | -2.9 |
| 19:00 | -.16 | 12.4 | 13.1 | 11.8 | 19.5 | 17.0 | -2.3 | -2.9 |
| 20:00 | -.01 | 10.1 | 11.2 | 8.3 | 21.5 | 21.2 | -2.3 | -2.8 |
| 21:00 | -.25 | 12.6 | 10.3 | 7.4 | 17.6 | 14.4 | -2.2 | -2.8 |
| 22:00 | -.47 | 12.6 | 14.7 | 13.6 | 17.1 | 14.2 | -2.3 | -2.8 |
| 23:00 | -.50 | 19.0 | 16.9 | 14.3 | 18.5 | 14.2 | -2.7 | -3.3 |
| Avg | -.35 | 16.0 | 17.6 | 13.8 | 18.9 | 15.5 | -.8 | -1.4 |
| Max | .06 | 28.9 | 30.5 | 20.5 | 22.2 | 21.2 | .9 | .4 |
| Hr. of Max | 09 | 12 | 12 | 12 | 01 | 20 | 00 | 00 |
| Min | -.83 | 9.4 | 10.3 | 7.4 | 15.0 | 11.7 | -2.7 | -3.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |