Date Printed: 10/24/2017 07:56

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

10/23/2017

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 | 19.4 | 21.1 | 21.3 | 21.5 | 66.9 | 70.0 | 70.3 | 70.7 | 1.70 |
| 01:00 | 18.9 | 20.7 | 21.3 | 21.5 | 66.0 | 69.3 | 70.3 | 70.7 | 1.82 |
| 02:00 | 17.4 | 18.8 | 19.2 | 20.2 | 63.3 | 65.8 | 66.6 | 68.4 | 1.34 |
| 03:00 | 17.3 | 18.0 | 18.1 | 18.6 | 63.2 | 64.4 | 64.6 | 65.5 | .70 |
| 04:00 | 17.0 | 17.8 | 17.7 | 18.0 | 62.6 | 64.0 | 63.9 | 64.4 | .76 |
| 05:00 | 16.5 | 16.9 | 16.9 | 17.2 | 61.6 | 62.3 | 62.4 | 62.9 | .40 |
| 06:00 | 16.1 | 16.5 | 16.6 | 16.8 | 61.0 | 61.8 | 61.9 | 62.3 | .46 |
| 07:00 | 16.1 | 16.4 | 16.4 | 16.7 | 61.0 | 61.5 | 61.5 | 62.0 | .28 |
| 08:00 | 16.4 | 16.5 | 16.5 | 16.6 | 61.5 | 61.8 | 61.7 | 61.9 | .14 |
| 09:00 | 16.8 | 17.0 | 16.9 | 17.0 | 62.2 | 62.5 | 62.5 | 62.6 | .18 |
| 10:00 | 16.4 | 16.5 | 16.3 | 16.3 | 61.5 | 61.6 | 61.4 | 61.4 | .08 |
| 11:00 | 16.1 | 16.1 | 16.0 | 16.0 | 61.0 | 61.1 | 60.8 | 60.8 | .06 |
| 12:00 | 16.0 | 16.0 | 15.8 | 15.8 | 60.7 | 60.8 | 60.5 | 60.5 | .04 |
| 13:00 | 17.1 | 16.7 | 16.5 | 16.4 | 62.7 | 62.1 | 61.7 | 61.5 | -.33 |
| 14:00 | 19.0 | 18.4 | 18.2 | 18.0 | 66.2 | 65.1 | 64.7 | 64.4 | -.62 |
| 15:00 | 20.0 | 19.5 | 19.3 | 19.2 | 68.0 | 67.2 | 66.8 | 66.6 | -.49 |
| 16:00 | 16.0 | 15.8 | 15.7 | 15.7 | 60.9 | 60.5 | 60.2 | 60.2 | -.21 |
| 17:00 | 17.2 | 17.0 | 16.9 | 16.9 | 62.9 | 62.6 | 62.4 | 62.4 | -.13 |
| 18:00 | 15.8 | 16.0 | 15.9 | 16.0 | 60.4 | 60.8 | 60.7 | 60.8 | .20 |
| 19:00 | 14.9 | 15.0 | 14.9 | 14.9 | 58.8 | 59.0 | 58.9 | 58.9 | .12 |
| 20:00 | 14.4 | 14.5 | 14.4 | 14.5 | 57.9 | 58.1 | 57.9 | 58.0 | .13 |
| 21:00 | 13.4 | 13.5 | 13.4 | 13.4 | 56.1 | 56.3 | 56.1 | 56.1 | .09 |
| 22:00 | 11.9 | 12.4 | 12.5 | 12.6 | 53.5 | 54.3 | 54.5 | 54.7 | .48 |
| 23:00 | 9.5 | 10.7 | 11.1 | 11.6 | 49.1 | 51.2 | 52.0 | 52.9 | 1.19 |
| Avg | 16.2 | 16.6 | 16.6 | 16.7 | 61.2 | 61.8 | 61.8 | 62.1 | .35 |
| Max | 20.0 | 21.1 | 21.3 | 21.5 | 68.0 | 70.0 | 70.3 | 70.7 | 1.82 |
| Hr. of Max | 15 | 00 | 01 | 01 | 15 | 00 | 01 | 01 | 01 |
| Min | 9.5 | 10.7 | 11.1 | 11.6 | 49.1 | 51.2 | 52.0 | 52.9 | -.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)

10/23/2017

Interval: 001h

| | 10_VTGrad_0235m | 11_VTGrad_0260m | 12_VTGrad_1535m | 13_VTGrad_1560m | 14_DewPtC_002m | 15_DewPtC_015m | 17a_WBulbC | 18_SoilTempC | 19_RH_002m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGC | DEGC | DEGC | DEGC | DEGC | DEGC | PERCENT |
| 00:00 | 1.89 | 2.08 | .19 | .38 | 15.0 | 14.2 | 16.5 | 18.0 | 77.2 |
| 01:00 | 2.42 | 2.63 | .60 | .80 | 14.7 | 14.2 | 16.4 | 18.0 | 78.5 |
| 02:00 | 1.82 | 2.82 | .47 | 1.48 | 15.1 | 14.9 | 16.2 | 18.0 | 87.8 |
| 03:00 | .80 | 1.33 | .10 | .63 | 15.1 | 15.0 | 16.0 | 18.0 | 88.2 |
| 04:00 | .72 | 1.00 | -.04 | .24 | 15.0 | 14.7 | 15.7 | 18.1 | 89.4 |
| 05:00 | .45 | .72 | .05 | .32 | 15.1 | 15.1 | 15.7 | 18.1 | 93.3 |
| 06:00 | .51 | .76 | .06 | .30 | 15.3 | 15.9 | 16.1 | 18.1 | 97.1 |
| 07:00 | .30 | .58 | .02 | .30 | 15.6 | 16.0 | 16.2 | 18.1 | 98.9 |
| 08:00 | .11 | .22 | -.03 | .08 | 16.0 | 16.2 | 16.3 | 18.1 | 99.5 |
| 09:00 | .16 | .23 | -.03 | .04 | 16.5 | 16.7 | 16.8 | 18.1 | 99.9 |
| 10:00 | -.08 | -.06 | -.16 | -.14 | 15.9 | 16.1 | 16.2 | 17.7 | 98.8 |
| 11:00 | -.07 | -.08 | -.13 | -.14 | 15.7 | 15.9 | 16.0 | 17.5 | 99.5 |
| 12:00 | -.14 | -.14 | -.18 | -.18 | 15.6 | 15.7 | 15.8 | 17.5 | 99.6 |
| 13:00 | -.54 | -.69 | -.21 | -.36 | 16.1 | 16.3 | 16.4 | 17.5 | 96.2 |
| 14:00 | -.82 | -1.01 | -.21 | -.39 | 16.0 | 15.6 | 16.5 | 17.5 | 84.5 |
| 15:00 | -.68 | -.82 | -.19 | -.32 | 14.6 | 14.1 | 15.9 | 17.6 | 72.3 |
| 16:00 | -.36 | -.35 | -.15 | -.15 | 14.5 | 15.0 | 15.3 | 17.7 | 92.4 |
| 17:00 | -.25 | -.26 | -.11 | -.13 | 13.3 | 13.1 | 14.4 | 17.8 | 79.6 |
| 18:00 | .16 | .24 | -.03 | .04 | 11.3 | 10.9 | 12.6 | 17.8 | 76.0 |
| 19:00 | .06 | .08 | -.06 | -.04 | 11.3 | 11.0 | 12.3 | 17.9 | 80.2 |
| 20:00 | .05 | .09 | -.08 | -.03 | 11.3 | 11.2 | 12.3 | 17.9 | 83.2 |
| 21:00 | -.03 | .00 | -.12 | -.09 | 11.3 | 11.4 | 12.1 | 17.9 | 88.6 |
| 22:00 | .56 | .68 | .08 | .20 | 10.1 | 9.9 | 10.8 | 17.9 | 89.9 |
| 23:00 | 1.63 | 2.11 | .44 | .93 | 9.0 | 8.9 | 9.5 | 17.8 | 97.9 |
| Avg | .36 | .51 | .01 | .16 | 14.1 | 14.1 | 14.9 | 17.9 | 89.5 |
| Max | 2.42 | 2.82 | .60 | 1.48 | 16.5 | 16.7 | 16.8 | 18.1 | 99.9 |
| Hr. of Max | 01 | 02 | 01 | 02 | 09 | 09 | 09 | 09 | 09 |
| Min | -.82 | -1.01 | -.21 | -.39 | 9.0 | 8.9 | 9.5 | 17.5 | 72.3 |
| 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)

10/23/2017

Interval: 001h

| | 20_RH_015m | 21_AbsHum_002m | 22_AbsHum_015m | 23_Mix Ratio_002m | 24_Mix Ratio_015m | 27_VaporPr_002m | 28_VaporPr_015m | 34_Precip_In | 36_BarPres_In |
|---|---|---|---|---|---|---|---|---|---|
| Hour | PERCENT | G/M3 | G/M3 | COUNT | COUNT | KPa | KPa | INCHES | INHG |
| 00:00 | 66.0 | 12.7 | 12.0 | 0.010991 | 0.010435 | 17.1 | 16.3 | .00 | 29.14 |
| 01:00 | 67.6 | 12.5 | 12.0 | 0.010792 | 0.010428 | 16.8 | 16.3 | .00 | 29.11 |
| 02:00 | 79.6 | 12.8 | 12.6 | 0.011054 | 0.010897 | 17.2 | 17.0 | .00 | 29.09 |
| 03:00 | 83.8 | 12.8 | 12.7 | 0.01104 | 0.010969 | 17.2 | 17.1 | .00 | 29.06 |
| 04:00 | 83.6 | 12.7 | 12.5 | 0.010983 | 0.010771 | 17.1 | 16.7 | .00 | 29.03 |
| 05:00 | 91.1 | 12.9 | 12.9 | 0.011079 | 0.011095 | 17.2 | 17.2 | .00 | 28.99 |
| 06:00 | 97.8 | 13.1 | 13.5 | 0.011281 | 0.011695 | 17.5 | 18.1 | .01 | 28.97 |
| 07:00 | 99.7 | 13.3 | 13.7 | 0.011511 | 0.011818 | 17.8 | 18.3 | .07 | 28.95 |
| 08:00 | 100.0 | 13.7 | 13.8 | 0.011803 | 0.011962 | 18.2 | 18.5 | .04 | 28.92 |
| 09:00 | 100.0 | 14.0 | 14.2 | 0.012154 | 0.012313 | 18.8 | 19.0 | .17 | 28.91 |
| 10:00 | 99.8 | 13.5 | 13.7 | 0.011708 | 0.011886 | 18.1 | 18.4 | .69 | 28.93 |
| 11:00 | 100.0 | 13.4 | 13.5 | 0.011581 | 0.011686 | 17.9 | 18.1 | .20 | 28.91 |
| 12:00 | 99.9 | 13.3 | 13.4 | 0.011492 | 0.011562 | 17.8 | 17.9 | .12 | 28.91 |
| 13:00 | 99.3 | 13.7 | 13.9 | 0.011901 | 0.012034 | 18.4 | 18.6 | .00 | 28.90 |
| 14:00 | 85.5 | 13.5 | 13.2 | 0.01184 | 0.011518 | 18.3 | 17.8 | .00 | 28.87 |
| 15:00 | 72.2 | 12.3 | 12.0 | 0.010814 | 0.010464 | 16.7 | 16.2 | .04 | 28.83 |
| 16:00 | 96.9 | 12.4 | 12.9 | 0.010731 | 0.011103 | 16.6 | 17.1 | .01 | 28.88 |
| 17:00 | 79.3 | 11.5 | 11.3 | 0.009923 | 0.009805 | 15.4 | 15.2 | .00 | 28.88 |
| 18:00 | 73.0 | 10.1 | 9.8 | 0.008678 | 0.008441 | 13.5 | 13.1 | .00 | 28.91 |
| 19:00 | 78.1 | 10.1 | 9.9 | 0.008622 | 0.008461 | 13.4 | 13.2 | .00 | 28.93 |
| 20:00 | 81.6 | 10.1 | 10.0 | 0.008657 | 0.008558 | 13.5 | 13.3 | .00 | 28.96 |
| 21:00 | 88.3 | 10.2 | 10.2 | 0.008647 | 0.008663 | 13.5 | 13.5 | .00 | 28.99 |
| 22:00 | 86.0 | 9.4 | 9.3 | 0.00796 | 0.007861 | 12.4 | 12.3 | .00 | 29.01 |
| 23:00 | 89.8 | 8.8 | 8.7 | 0.007368 | 0.007314 | 11.5 | 11.4 | .00 | 29.01 |
| Avg | 87.5 | 12.2 | 12.2 | 0.010525 | 0.010489 | 16.3 | 16.3 | .06 | 28.96 |
| Max | 100.0 | 14.0 | 14.2 | 0.012154 | 0.012313 | 18.8 | 19.0 | .69 | 29.14 |
| Hr. of Max | 11 | 09 | 09 | 09 | 09 | 09 | 09 | 10 | 00 |
| Min | 66.0 | 8.8 | 8.7 | 0.007368 | 0.007314 | 11.5 | 11.4 | .00 | 28.83 |
| 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)

10/23/2017

Interval: 001h

| | 37_BarPres_Mb | 38_SolarRad_Wm2 | 41_WDir_035m | 42_WDir_060m | 46_SWDir_015m | 47_SWDir_060m | 51_Sigma_035m | 52_Sigma_060m | 53_SSigma_015m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | KPa | W/M2 | DEG | DEG | DEG | DEG | DEG | DEG | DEG |
| 00:00 | 986.7 | -1.3 | 115.9 | 124.5 | 93.9 | 116.5 | 19.6 | 16.0 | 42.5 |
| 01:00 | 985.9 | -1.2 | 96.4 | 125.2 | 57.1 | 119.8 | 33.9 | 20.8 | 57.6 |
| 02:00 | 985.1 | -1.3 | 51.4 | 63.6 | 70.7 | 55.5 | 13.9 | 19.3 | 40.8 |
| 03:00 | 984.1 | -1.3 | 67.6 | 62.2 | 57.5 | 53.5 | 12.3 | 7.7 | 41.0 |
| 04:00 | 983.0 | -1.3 | 66.8 | 65.8 | 60.7 | 57.0 | 12.4 | 7.8 | 25.2 |
| 05:00 | 981.8 | -1.3 | 47.6 | 56.6 | 31.4 | 47.6 | 11.9 | 7.6 | 25.5 |
| 06:00 | 981.1 | -1.3 | 46.3 | 54.7 | 26.6 | 45.6 | 10.9 | 7.1 | 22.2 |
| 07:00 | 980.2 | -1.2 | 57.3 | 54.2 | 51.0 | 45.0 | 10.9 | 8.0 | 24.3 |
| 08:00 | 979.5 | 3.6 | 58.2 | 59.1 | 39.8 | 50.2 | 17.2 | 9.9 | 46.1 |
| 09:00 | 979.1 | 9.3 | 25.7 | 30.6 | 358.9 | 20.9 | 18.2 | 15.2 | 48.3 |
| 10:00 | 979.8 | 26.6 | 313.3 | 313.5 | 297.0 + | 304.8 | 42.5 | 37.1 | 49.9 + |
| 11:00 | 979.0 | 24.9 | 82.5 | 74.9 | 79.2 | 62.6 | 19.5 | 18.2 | 26.3 |
| 12:00 | 979.1 | 31.4 | 103.2 | 101.1 | 97.2 | 92.2 | 30.3 | 24.2 | 41.5 |
| 13:00 | 978.8 | 342.6 | 171.7 | 166.2 | 174.7 + | 161.1 | 41.6 | 33.7 | 39.2 + |
| 14:00 | 977.6 | 500.3 | 219.0 | 214.3 | 211.3 | 209.7 | 24.6 | 22.1 | 28.2 |
| 15:00 | 976.4 | 410.9 | 217.9 | 215.0 | 210.9 | 210.9 | 19.2 | 17.3 | 24.8 |
| 16:00 | 977.9 | 165.2 | 240.5 | 240.3 | 233.9 | 236.4 | 13.2 | 10.9 | 20.4 |
| 17:00 | 978.0 | 225.1 | 239.5 | 237.3 | 234.9 | 233.3 | 12.7 | 10.6 | 19.4 |
| 18:00 | 978.9 | 31.0 | 252.8 | 251.1 | 248.1 | 246.3 | 13.5 | 10.8 | 17.9 |
| 19:00 | 979.9 | -1.2 | 254.6 | 252.6 | 249.4 | 247.9 | 13.2 | 10.9 | 17.9 |
| 20:00 | 980.7 | -1.3 | 248.8 | 246.2 | 243.9 | 241.8 | 12.7 | 9.5 | 17.2 |
| 21:00 | 981.6 | -1.2 | 250.7 | 251.2 | 242.3 | 246.6 | 16.3 | 13.2 | 20.9 |
| 22:00 | 982.3 | -1.2 | 249.8 | 252.0 | 237.4 | 247.2 | 14.4 | 12.4 | 20.2 |
| 23:00 | 982.5 | -1.3 | 246.2 | 228.4 | 269.5 | 223.8 | 9.9 | 7.3 | 22.0 |
| Avg | 980.8 | 73.1 | 132.0 | 146.0 | 347.0 | 139.0 | 18.5 | 14.9 | 30.8 |
| Max | 986.7 | 500.3 | 313.3 | 313.5 | 358.9 | 304.8 | 42.5 | 37.1 | 57.6 |
| Hr. of Max | 00 | 14 | 10 | 10 | 09 | 10 | 10 | 10 | 01 |
| Min | 976.4 | -1.3 | 25.7 | 30.6 | 26.6 | 20.9 | 9.9 | 7.1 | 17.2 |
| 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)

10/23/2017

Interval: 001h

| | 54_SSigma_060m | 56_RWSpd_035m | 57_RWSpd_060m | 59_WSpd_035m | 60_WSpd_060m | 66_HSSpd_015m | 67_HSSpd_060m | 70_WElev_015m | 71_WElev_060m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEG | MPH | MPH | MPH | MPH | MPH | MPH | DEG | DEG |
| 00:00 | 16.8 | 3.7 | 5.2 | 3.9 | 5.4 | 2.7 | 5.9 | 2.3 | 2.8 |
| 01:00 | 27.4 | 1.8 | 3.0 | 2.2 | 3.2 | 1.8 | 3.6 | 3.4 | 1.6 |
| 02:00 | 22.0 | 2.1 | 1.6 | 2.3 | 1.8 | 1.4 | 2.0 | 1.9 | 1.4 |
| 03:00 | 7.8 | 3.5 | 5.4 | 3.6 | 5.5 | 1.8 | 5.7 | -1.9 | -.5 |
| 04:00 | 7.6 | 3.8 | 5.9 | 3.9 | 6.0 | 2.4 | 6.2 | -2.4 | -2.1 |
| 05:00 | 7.9 | 4.7 | 6.3 | 5.0 | 6.4 | 3.0 | 6.6 | -4.4 | -3.0 |
| 06:00 | 7.4 | 3.7 | 5.1 | 3.8 | 5.1 | 2.3 | 5.3 | -6.8 | -3.3 |
| 07:00 | 8.5 | 4.2 | 5.9 | 4.3 | 6.0 | 2.4 | 6.2 | -4.9 | -3.5 |
| 08:00 | 10.1 | 3.6 | 5.8 | 3.7 | 5.9 | 1.8 | 6.1 | -1.8 | .6 |
| 09:00 | 14.7 | 3.3 | 4.6 | 4.8 | 6.8 | 2.9 | 6.9 | -1.5 | -.5 |
| 10:00 | 34.8 | 3.6 | 5.3 | 5.5 | 7.0 | 4.5 | 7.3 | -5.4 | -3.1 |
| 11:00 | 23.4 | 3.9 | 4.7 | 4.2 | 4.9 | 3.0 | 5.9 | 1.9 | .7 |
| 12:00 | 25.1 | 5.1 | 6.5 | 5.7 | 7.1 | 4.7 | 7.6 | 1.6 | 2.7 |
| 13:00 | 36.0 | 2.5 | 3.2 | 3.4 | 4.1 | 3.2 | 4.6 | 3.3 | 4.5 |
| 14:00 | 22.3 | 6.4 | 7.5 | 6.9 | 8.0 | 5.9 | 8.5 | -.2 | .6 |
| 15:00 | 16.6 | 8.6 | 10.3 | 9.5 | 11.1 | 7.8 | 11.7 | .9 | .4 |
| 16:00 | 10.5 | 8.1 | 10.1 | 8.3 | 10.4 | 6.2 | 10.8 | .1 | .3 |
| 17:00 | 10.2 | 11.3 | 13.6 | 11.6 | 13.8 | 8.4 | 14.6 | -.3 | .0 |
| 18:00 | 10.6 | 11.5 | 14.4 | 11.8 | 14.7 | 8.8 | 15.5 | -.3 | .2 |
| 19:00 | 10.8 | 8.1 | 10.2 | 8.3 | 10.4 | 6.1 | 11.0 | -1.0 | .0 |
| 20:00 | 9.2 | 9.3 | 11.8 | 9.5 | 11.9 | 7.1 | 12.6 | -.8 | -.3 |
| 21:00 | 12.9 | 8.6 | 11.0 | 9.0 | 11.3 | 6.7 | 11.9 | 1.3 | .5 |
| 22:00 | 12.3 | 4.5 | 6.4 | 4.7 | 6.6 | 3.2 | 7.0 | .9 | .6 |
| 23:00 | 7.5 | 3.3 | 5.2 | 3.3 | 5.4 | 1.8 | 5.7 | -.5 | 1.5 |
| Avg | 15.5 | .0 | .0 | 5.8 | 7.5 | 4.2 | 7.9 | -.6 | .1 |
| Max | 36.0 | 11.5 | 14.4 | 11.8 | 14.7 | 8.8 | 15.5 | 3.4 | 4.5 |
| Hr. of Max | 13 | 18 | 18 | 18 | 18 | 18 | 18 | 01 | 13 |
| Min | 7.4 | 1.8 | 1.6 | 2.2 | 1.8 | 1.4 | 2.0 | -6.8 | -3.5 |
| 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)

10/23/2017

Interval: 001h

| | 72_VSSpd_015m | 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 | MPH | DEG | DEG | DEGC | DEGC |
| 00:00 | .06 | .23 | 12.1 | 14.0 | 9.8 | 19.8 | 11.8 | 21.8 | 22.0 |
| 01:00 | .14 | .16 | 10.1 | 19.0 | 9.6 | 17.6 | 13.1 | 21.4 | 22.0 |
| 02:00 | .02 | .06 | 5.7 | 5.3 | 5.2 | 12.7 | 10.9 | 19.6 | 20.9 |
| 03:00 | -.10 | -.05 | 7.8 | 7.3 | 4.2 | 13.8 | 3.9 | 18.9 | 19.3 |
| 04:00 | -.17 | -.26 | 7.8 | 9.8 | 6.1 | 12.7 | 5.6 | 18.6 | 18.6 |
| 05:00 | -.29 | -.33 | 8.5 | 11.2 | 6.8 | 15.7 | 4.7 | 17.8 | 17.8 |
| 06:00 | -.30 | -.29 | 9.8 | 8.7 | 5.1 | 11.5 | 4.6 | 17.5 | 17.5 |
| 07:00 | -.23 | -.37 | 13.3 | 14.4 | 6.0 | 12.9 | 3.8 | 17.4 | 17.4 |
| 08:00 | -.15 | -.01 | 9.4 | 11.0 | 5.4 | 20.8 | 8.4 | 17.6 | 17.4 |
| 09:00 | -.25 | -.21 | 21.1 | 23.1 | 16.9 | 20.6 | 9.1 | 18.1 | 17.9 |
| 10:00 | -.51 | -.53 | 19.2 | 27.2 | 16.3 | 21.7 | 16.7 | 17.7 | 17.2 |
| 11:00 | .04 | -.43 | 15.3 | 13.7 | 7.2 | 16.1 | 13.2 | 17.3 | 17.1 |
| 12:00 | .08 | .25 | 13.7 | 15.3 | 12.6 | 16.5 | 10.9 | 17.1 | 16.6 |
| 13:00 | .01 | .14 | 12.4 | 11.9 | 11.5 | 22.2 | 22.9 | 17.8 | 17.1 |
| 14:00 | -.18 | -.12 | 17.2 | 18.3 | 16.1 | 17.1 | 13.8 | 19.3 | 18.6 |
| 15:00 | -.06 | -.07 | 32.1 | 39.4 | 31.0 | 16.9 | 12.0 | 20.3 | 19.6 |
| 16:00 | -.14 | -.04 | 42.1 | 41.0 | 18.1 | 15.2 | 7.5 | 16.9 | 16.4 |
| 17:00 | -.34 | -.09 | 24.0 | 26.8 | 23.0 | 14.4 | 7.2 | 17.8 | 17.4 |
| 18:00 | -.30 | -.07 | 37.1 | 29.5 | 21.3 | 13.8 | 7.8 | 16.6 | 16.3 |
| 19:00 | -.30 | -.15 | 20.4 | 19.9 | 15.4 | 14.7 | 8.6 | 15.6 | 15.3 |
| 20:00 | -.31 | -.13 | 16.5 | 19.7 | 15.1 | 13.6 | 6.6 | 15.1 | 14.8 |
| 21:00 | -.09 | -.01 | 20.2 | 25.0 | 21.7 | 15.6 | 9.0 | 14.2 | 13.8 |
| 22:00 | -.02 | .00 | 16.3 | 16.9 | 9.4 | 13.4 | 7.5 | 13.0 | 12.9 |
| 23:00 | -.02 | .17 | 9.6 | 12.6 | 5.0 | 8.2 | 3.5 | 11.2 | 11.9 |
| Avg | -.14 | -.09 | 16.7 | 18.4 | 12.5 | 15.7 | 9.3 | 17.4 | 17.3 |
| Max | .14 | .25 | 42.1 | 41.0 | 31.0 | 22.2 | 22.9 | 21.8 | 22.0 |
| Hr. of Max | 01 | 12 | 16 | 16 | 15 | 13 | 13 | 00 | 01 |
| Min | -.51 | -.53 | 5.7 | 5.3 | 4.2 | 8.2 | 3.5 | 11.2 | 11.9 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |