Date Printed: 11/22/2016 01:20

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

11/21/2016

Interval: 001h

| | 01_TempC_002m | 02_TempC_015m | 03_TempC_035m | 04_TempC_060m | 09_VTGrad_0215m | 10_VTGrad_0235m | 11_VTGrad_0260m | 12_VTGrad_1535m | 13_VTGrad_1560m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGC | DEGC | DEGC | DEGC | DEGC | DEGC | DEGC |
| 00:00 | -2.3 | -.3 | .6 | 1.8 | 2.06 | 2.93 | 4.06 | .88 | 2.00 |
| 01:00 | -3.0 | -1.1 | -.3 | 1.1 | 1.97 | 2.77 | 4.13 | .80 | 2.16 |
| 02:00 | -3.6 | -1.7 | -.8 | .3 | 1.86 | 2.80 | 3.92 | .94 | 2.06 |
| 03:00 | -4.1 | -2.3 | -1.9 | -.9 | 1.75 | 2.21 | 3.19 | .46 | 1.44 |
| 04:00 | -4.5 | -2.8 | -2.2 | -1.6 | 1.78 | 2.29 | 2.94 | .51 | 1.16 |
| 05:00 | -5.0 | -3.2 | -2.6 | -1.6 | 1.81 | 2.44 | 3.43 | .64 | 1.62 |
| 06:00 | -5.4 | -3.6 | -3.2 | -2.1 | 1.77 | 2.19 | 3.22 | .42 | 1.45 |
| 07:00 | -5.4 | -3.9 | -3.4 | -2.3 | 1.59 | 2.05 | 3.18 | .46 | 1.59 |
| 08:00 | -2.6 | -2.6 | -2.2 | -1.1 | -.02 | .32 | 1.43 | .33 | 1.45 |
| 09:00 | 2.1 | 1.5 | 1.3 | 1.2 | -.58 | -.81 | -.88 | -.23 | -.30 |
| 10:00 | 4.5 | 3.6 | 3.3 | 3.1 | -.89 | -1.20 | -1.39 | -.31 | -.50 |
| 11:00 | 6.1 | 5.2 | 4.8 | 4.7 | -.87 | -1.26 | -1.39 | -.39 | -.51 |
| 12:00 | 7.4 | 6.6 | 6.3 | 6.1 | -.86 | -1.15 | -1.31 | -.29 | -.45 |
| 13:00 | 9.0 | 8.1 | 7.8 | 7.6 | -.85 | -1.20 | -1.39 | -.36 | -.55 |
| 14:00 | 10.2 | 9.5 | 9.2 | 9.0 | -.76 | -1.07 | -1.25 | -.32 | -.49 |
| 15:00 | 10.7 | 10.2 | 9.9 | 9.7 | -.51 | -.82 | -.98 | -.31 | -.47 |
| 16:00 | 10.0 | 10.0 | 9.8 | 9.7 | -.09 | -.29 | -.40 | -.20 | -.31 |
| 17:00 | 6.8 | 8.5 | 8.9 | 9.3 | 1.68 | 2.11 | 2.47 | .43 | .79 |
| 18:00 | 3.7 | 6.3 | 6.9 | 7.6 | 2.59 | 3.16 | 3.92 | .57 | 1.32 |
| 19:00 | 2.0 | 4.3 | 5.4 | 6.4 | 2.34 | 3.46 | 4.39 | 1.12 | 2.05 |
| 20:00 | .9 | 3.1 | 4.3 | 5.6 | 2.19 | 3.34 | 4.64 | 1.15 | 2.45 |
| 21:00 | -.2 | 2.1 | 3.8 | 4.8 | 2.34 | 4.07 | 5.08 | 1.73 | 2.73 |
| 22:00 | -1.4 | 1.4 | 3.3 | 4.2 | 2.75 | 4.65 | 5.57 | 1.90 | 2.82 |
| 23:00 | -1.8 | .5 | 1.9 | 3.5 | 2.22 | 3.66 | 5.31 | 1.44 | 3.09 |
| Avg | 1.4 | 2.5 | 3.0 | 3.6 | 1.05 | 1.53 | 2.16 | .47 | 1.11 |
| Max | 10.7 | 10.2 | 9.9 | 9.7 | 2.75 | 4.65 | 5.57 | 1.90 | 3.09 |
| Hr. of Max | 15 | 15 | 15 | 16 | 22 | 22 | 22 | 22 | 23 |
| Min | -5.4 | -3.9 | -3.4 | -2.3 | -.89 | -1.26 | -1.39 | -.39 | -.55 |
| 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)

11/21/2016

Interval: 001h

| | 14_DewPtC_002m | 15_DewPtC_015m | 17a_WBulbC | 18_SoilTempC | 19_RH_002m | 20_RH_015m | 21_AbsHum_002m | 22_AbsHum_015m | 23_Mix Ratio_002m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGC | DEGC | PERCENT | PERCENT | G/M3 | G/M3 | COUNT |
| 00:00 | -7.0 | -7.5 | -5.5 | 9.8 | 70.4 | 58.4 | 2.9 | 2.8 | 0.002275 |
| 01:00 | -7.1 | -7.4 | -5.7 | 9.7 | 74.0 | 62.6 | 2.9 | 2.8 | 0.002269 |
| 02:00 | -7.4 | -7.8 | -6.2 | 9.5 | 75.0 | 63.4 | 2.8 | 2.7 | 0.002204 |
| 03:00 | -7.6 | -8.2 | -6.4 | 9.3 | 77.0 | 64.3 | 2.8 | 2.6 | 0.002176 |
| 04:00 | -7.7 | -7.3 | -6.7 | 9.2 | 78.7 | 71.0 | 2.8 | 2.8 | 0.002152 |
| 05:00 | -7.8 | -7.3 | -6.9 | 9.0 | 81.1 | 73.9 | 2.7 | 2.8 | 0.002137 |
| 06:00 | -7.9 | -7.3 | -7.1 | 8.8 | 82.6 | 75.9 | 2.7 | 2.8 | 0.00212 |
| 07:00 | -7.8 | -7.3 | -7.0 | 8.7 | 83.8 | 77.1 | 2.8 | 2.8 | 0.002135 |
| 08:00 | -6.3 | -7.6 | -5.1 | 8.5 | 75.7 | 68.5 | 3.1 | 2.8 | 0.002393 |
| 09:00 | -5.7 | -6.8 | -3.1 | 8.4 | 57.2 | 54.8 | 3.2 | 2.9 | 0.002523 |
| 10:00 | -7.8 | -8.6 | -3.7 | 8.4 | 41.0 | 40.8 | 2.7 | 2.5 | 0.002163 |
| 11:00 | -8.6 | -9.5 | -3.7 | 8.4 | 34.5 | 34.1 | 2.5 | 2.3 | 0.002037 |
| 12:00 | -9.7 | -10.5 | -4.0 | 8.4 | 29.1 | 28.8 | 2.3 | 2.2 | 0.001877 |
| 13:00 | -10.5 | -11.1 | -4.0 | 8.5 | 24.6 | 24.8 | 2.2 | 2.1 | 0.00177 |
| 14:00 | -10.8 | -11.5 | -3.8 | 8.7 | 22.0 | 22.0 | 2.1 | 2.0 | 0.001728 |
| 15:00 | -10.8 | -11.5 | -3.7 | 8.9 | 21.3 | 20.9 | 2.1 | 2.0 | 0.001725 |
| 16:00 | -9.7 | -10.5 | -3.1 | 9.1 | 24.4 | 23.1 | 2.3 | 2.2 | 0.001884 |
| 17:00 | -8.4 | -10.1 | -3.3 | 9.3 | 33.6 | 26.2 | 2.5 | 2.2 | 0.002071 |
| 18:00 | -7.8 | -8.8 | -4.0 | 9.5 | 43.4 | 33.6 | 2.7 | 2.5 | 0.002159 |
| 19:00 | -7.0 | -8.2 | -4.0 | 9.5 | 51.9 | 40.5 | 2.9 | 2.6 | 0.002292 |
| 20:00 | -6.7 | -7.3 | -4.2 | 9.5 | 57.0 | 46.8 | 2.9 | 2.8 | 0.002337 |
| 21:00 | -6.8 | -7.1 | -4.6 | 9.4 | 61.7 | 50.9 | 2.9 | 2.8 | 0.002321 |
| 22:00 | -6.9 | -7.1 | -5.1 | 9.3 | 66.7 | 54.1 | 2.9 | 2.9 | 0.002301 |
| 23:00 | -6.6 | -7.3 | -5.0 | 9.2 | 69.9 | 56.6 | 3.0 | 2.8 | 0.00235 |
| Avg | -7.9 | -8.5 | -4.8 | 9.0 | 55.7 | 48.9 | 2.7 | 2.6 | 0.002142 |
| Max | -5.7 | -6.8 | -3.1 | 9.8 | 83.8 | 77.1 | 3.2 | 2.9 | 0.002523 |
| Hr. of Max | 09 | 09 | 16 | 00 | 07 | 07 | 09 | 22 | 09 |
| Min | -10.8 | -11.5 | -7.1 | 8.4 | 21.3 | 20.9 | 2.1 | 2.0 | 0.001725 |
| 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)

11/21/2016

Interval: 001h

| | 24_Mix Ratio_015m | 27_VaporPr_002m | 28_VaporPr_015m | 34_Precip_In | 36_BarPres_In | 37_BarPres_Mb | 38_SolarRad_Wm2 | 39_SolarRad_Lang | 40_WDir_015m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | COUNT | KPa | KPa | INCHES | INHG | KPa | W/M2 | Langleys | DEG |
| 00:00 | 0.002196 | 3.6 | 3.5 | .00 | 29.29 | 991.8 | -2.6 | .00 | 64.9 |
| 01:00 | 0.002221 | 3.6 | 3.5 | .00 | 29.28 | 991.4 | -2.7 | .00 | 85.9 |
| 02:00 | 0.002139 | 3.5 | 3.4 | .00 | 29.28 | 991.7 | -2.6 | .00 | .7 |
| 03:00 | 0.002072 | 3.5 | 3.3 | .00 | 29.29 | 991.9 | -2.6 | .00 | 88.9 |
| 04:00 | 0.002219 | 3.4 | 3.5 | .00 | 29.29 | 992.1 | -2.4 | .00 | 48.7 |
| 05:00 | 0.002232 | 3.4 | 3.6 | .00 | 29.31 | 992.7 | -2.8 | .00 | 126.9 |
| 06:00 | 0.002228 | 3.4 | 3.5 | .00 | 29.33 | 993.1 | -2.4 | .00 | 133.9 |
| 07:00 | 0.002215 | 3.4 | 3.5 | .00 | 29.34 | 993.8 | 21.0 | .03 | 86.0 |
| 08:00 | 0.002166 | 3.8 | 3.4 | .00 | 29.36 | 994.2 | 215.6 | .31 | 146.3 |
| 09:00 | 0.002319 | 4.0 | 3.7 | .00 | 29.36 | 994.4 | 366.1 | .52 | 97.4 |
| 10:00 | 0.002024 | 3.4 | 3.2 | .00 | 29.36 | 994.3 | 506.8 | .73 | 100.0 |
| 11:00 | 0.001888 | 3.2 | 3.0 | .00 | 29.35 | 994.1 | 590.1 | .85 | 134.0 |
| 12:00 | 0.001755 | 3.0 | 2.8 | .00 | 29.33 | 993.3 | 615.1 | .88 | 112.2 |
| 13:00 | 0.001686 | 2.8 | 2.7 | .00 | 29.30 | 992.4 | 521.5 | .75 | 115.2 |
| 14:00 | 0.001636 | 2.7 | 2.6 | .00 | 29.28 | 991.7 | 457.2 | .66 | 70.4 |
| 15:00 | 0.001635 | 2.7 | 2.6 | .00 | 29.29 | 991.7 | 283.8 | .41 | 21.9 |
| 16:00 | 0.001774 | 3.0 | 2.8 | .00 | 29.29 | 991.9 | 138.3 | .20 | 121.2 |
| 17:00 | 0.001818 | 3.3 | 2.9 | .00 | 29.29 | 992.1 | 6.4 | .01 | 65.2 |
| 18:00 | 0.002009 | 3.4 | 3.2 | .00 | 29.30 | 992.3 | -2.4 | .00 | 88.6 |
| 19:00 | 0.002104 | 3.6 | 3.3 | .00 | 29.31 | 992.6 | -2.4 | .00 | 68.7 |
| 20:00 | 0.002244 | 3.7 | 3.6 | .00 | 29.31 | 992.7 | -2.5 | .00 | 83.6 |
| 21:00 | 0.00227 | 3.7 | 3.6 | .00 | 29.31 | 992.6 | -2.7 | .00 | 71.8 |
| 22:00 | 0.00228 | 3.7 | 3.6 | .00 | 29.31 | 992.5 | -2.5 | .00 | 184.8 |
| 23:00 | 0.002239 | 3.7 | 3.6 | .00 | 29.31 | 992.8 | -2.5 | .00 | 106.6 |
| Avg | 0.002057 | 3.4 | 3.3 | .00 | 29.31 | 992.7 | 153.7 | .22 | 92.0 |
| Max | 0.002319 | 4.0 | 3.7 | .00 | 29.36 | 994.4 | 615.1 | .88 | 184.8 |
| Hr. of Max | 09 | 09 | 09 | 23 | 10 | 09 | 12 | 12 | 22 |
| Min | 0.001635 | 2.7 | 2.6 | .00 | 29.28 | 991.4 | -2.8 | .00 | .7 |
| 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)

11/21/2016

Interval: 001h

| | 41_WDir_035m | 42_WDir_060m | 46_SWDir_015m | 47_SWDir_060m | 50_Sigma_015m | 51_Sigma_035m | 52_Sigma_060m | 55_RWSpd_015m | 56_RWSpd_035m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEG | DEG | DEG | DEG | DEG | DEG | DEG | MPH | MPH |
| 00:00 | 9.1 | 102.0 | 26.7 | 99.9 | 23.5 | 46.7 | 30.9 | .3 | .4 |
| 01:00 | 51.1 | 35.3 | 38.1 | 25.8 | 42.2 | 12.1 | 9.8 | .1 | 1.0 |
| 02:00 | 305.3 | 249.4 | 258.2 | 239.2 | 32.6 | 63.2 | 20.5 | .6 | .2 |
| 03:00 | 229.3 | 228.4 | 259.3 | 222.2 | 26.0 | 6.8 | 22.6 | .2 | 1.3 |
| 04:00 | .4 | 134.0 | 5.3 | 121.9 | 47.5 | 51.6 | 32.4 | .7 | .4 |
| 05:00 | 248.5 | 347.8 | 272.7 | 346.5 | 30.6 | 42.8 | 31.2 | .3 | .2 |
| 06:00 | 52.3 | 14.6 | 292.5 | 25.6 | 29.8 | 41.9 | 31.5 | .3 | .6 |
| 07:00 | 25.4 | 31.6 | 256.5 | 25.6 | 55.0 | 18.5 | 5.9 | .1 | .1 |
| 08:00 | 26.3 | 51.2 | 188.9 | 43.5 | 10.7 | 16.8 | 7.5 | .3 | .5 |
| 09:00 | 84.3 | 72.7 | 94.9 | 64.2 | 17.2 | 21.4 | 16.1 | 4.3 | 4.6 |
| 10:00 | 98.0 | 92.8 | 96.7 | 83.4 | 14.2 | 13.6 | 14.4 | 5.3 | 5.6 |
| 11:00 | 140.4 | 137.0 | 135.6 | 130.3 | 25.3 | 26.6 | 26.6 | 3.1 | 3.2 |
| 12:00 | 127.0 | 118.4 | 118.2 | 110.7 | 42.7 | 50.6 | 52.5 | 1.8 | 1.7 |
| 13:00 | 113.7 | 96.1 | 124.3 | 84.6 | 46.4 | 50.3 | 42.6 | 1.1 | 1.1 |
| 14:00 | 59.9 | 59.7 | 66.1 | 49.6 | 47.0 | 48.7 | 50.7 | 2.0 | 2.4 |
| 15:00 | 341.7 | 337.5 | 330.8 | 327.1 | 73.5 | 56.1 | 47.3 | .3 | 1.2 |
| 16:00 | 123.2 | 119.2 | 125.9 | 111.1 | 15.0 | 16.4 | 16.0 | 1.9 | 2.4 |
| 17:00 | 133.8 | 116.1 | 326.3 | 106.9 | 29.8 | 30.6 | 12.2 | .1 | .3 |
| 18:00 | 53.2 | 40.0 | 59.5 | 41.1 | 23.1 | 27.9 | 11.4 | .2 | .7 |
| 19:00 | 23.3 | 45.6 | 49.2 | 43.3 | 55.1 | 34.5 | 42.5 | .5 | 1.5 |
| 20:00 | 61.9 | 64.6 | 75.1 | 56.3 | 21.3 | 8.3 | 3.4 | .8 | 2.4 |
| 21:00 | 40.4 | 68.8 | 59.3 | 60.4 | 15.2 | 7.8 | 5.3 | .9 | 2.5 |
| 22:00 | 45.1 | 50.8 | 231.8 | 41.1 | 34.9 | 25.5 | 6.4 | .7 | 1.4 |
| 23:00 | 13.2 | 44.3 | 132.3 | 33.0 | 40.7 | 55.3 | 9.5 | .1 | .6 |
| Avg | 54.0 | 68.0 | 70.0 | 61.0 | 33.3 | 32.3 | 22.9 | .0 | .0 |
| Max | 341.7 | 347.8 | 330.8 | 346.5 | 73.5 | 63.2 | 52.5 | 5.3 | 5.6 |
| Hr. of Max | 15 | 05 | 15 | 05 | 15 | 02 | 12 | 10 | 10 |
| Min | .4 | 14.6 | 5.3 | 25.6 | 10.7 | 6.8 | 3.4 | .1 | .1 |
| 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)

11/21/2016

Interval: 001h

| | 57_RWSpd_060m | 58_WSpd_015m | 59_WSpd_035m | 60_WSpd_060m | 66_HSSpd_015m | 67_HSSpd_060m | 70_WElev_015m | 71_WElev_060m | 72_VSSpd_015m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | MPH | MPH | MPH | MPH | MPH | MPH | DEG | DEG | MPH |
| 00:00 | .6 | .4 | .5 | .7 | .9 | 1.0 | 2.8 | -.4 | .05 |
| 01:00 | 1.6 | .3 | 1.1 | 1.7 | .7 | 1.9 | 3.7 | .0 | .05 |
| 02:00 | 1.7 | .9 | .4 | 1.7 | 1.3 | 1.9 | 1.0 | .7 | .02 |
| 03:00 | 1.5 | .2 | 1.3 | 1.5 | .6 | 1.8 | .7 | .1 | .01 |
| 04:00 | .7 | 1.0 | 1.3 | 1.8 | 1.3 | 2.1 | .7 | -.6 | .00 |
| 05:00 | .5 | 1.1 | .9 | .8 | 1.4 | 1.1 | 1.7 | -.6 | .03 |
| 06:00 | .6 | .4 | .6 | .8 | .8 | 1.1 | .0 | -.4 | .00 |
| 07:00 | .9 | .2 | .1 | 1.0 | .9 | 1.3 | 2.7 | .1 | .05 |
| 08:00 | 2.7 | .3 | .6 | 2.8 | 1.0 | 3.0 | 2.4 | -1.0 | .05 |
| 09:00 | 5.4 | 4.5 | 4.9 | 5.6 | 4.9 | 6.1 | 1.3 | 4.6 | .11 |
| 10:00 | 5.7 | 5.5 | 5.7 | 5.9 | 5.9 | 6.4 | 3.1 | 4.0 | .27 |
| 11:00 | 3.2 | 3.6 | 3.6 | 3.6 | 4.4 | 4.2 | .7 | -4.0 | .06 |
| 12:00 | 1.7 | 2.5 | 2.4 | 2.3 | 3.2 | 3.3 | -10.0 | -20.7 | -.46 |
| 13:00 | 1.1 | 2.1 | 2.2 | 2.0 | 2.7 | 2.9 | -7.6 | -20.0 | -.21 |
| 14:00 | 2.3 | 2.7 | 3.3 | 3.3 | 3.3 | 4.0 | -.9 | -.5 | -.14 |
| 15:00 | 1.6 | 1.9 | 2.5 | 2.6 | 2.4 | 3.0 | .7 | 10.1 | -.05 |
| 16:00 | 2.6 | 2.0 | 2.6 | 2.8 | 2.6 | 3.2 | 5.3 | 6.8 | .21 |
| 17:00 | 1.5 | .1 | .5 | 1.6 | .7 | 1.9 | 3.1 | 1.7 | .05 |
| 18:00 | 1.1 | .4 | .8 | 1.2 | .7 | 1.5 | 1.4 | -.7 | .02 |
| 19:00 | 2.2 | 1.3 | 2.0 | 2.5 | 1.5 | 2.7 | 1.4 | .6 | .03 |
| 20:00 | 4.7 | .8 | 2.4 | 4.7 | 1.1 | 4.9 | 2.4 | .7 | .04 |
| 21:00 | 4.7 | 1.0 | 2.5 | 4.7 | 1.2 | 4.9 | 2.9 | .7 | .07 |
| 22:00 | 3.6 | 1.6 | 1.7 | 3.7 | 2.0 | 3.9 | 1.2 | -.3 | .03 |
| 23:00 | 2.0 | .6 | .7 | 2.0 | 1.0 | 2.2 | 1.9 | .0 | .03 |
| Avg | .0 | 1.5 | 1.9 | 2.6 | 1.9 | 2.9 | .9 | -.8 | .01 |
| Max | 5.7 | 5.5 | 5.7 | 5.9 | 5.9 | 6.4 | 5.3 | 10.1 | .27 |
| Hr. of Max | 10 | 10 | 10 | 10 | 10 | 10 | 16 | 15 | 10 |
| Min | .5 | .1 | .1 | .7 | .6 | 1.0 | -10.0 | -20.7 | -.46 |
| 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)

11/21/2016

Interval: 001h

| | 73_VSSpd_060m | 79_PkWsH_015m | 80_PkWsH_035m | 81_PkWsH_060m | 84_SigPhi_015m | 85_SigPhi_060m | 86_SonicTemp_015m | 87_SonicTemp_060m |
|---|---|---|---|---|---|---|---|---|
| Hour | MPH | MPH | MPH | MPH | DEG | DEG | DEGC | DEGC |
| 00:00 | .00 | 2.1 | 2.7 | 1.8 | 11.0 | 15.1 | -.3 | 1.5 |
| 01:00 | .00 | 3.0 | 3.7 | 3.2 | 7.2 | 5.0 | -1.1 | .9 |
| 02:00 | .03 | 3.2 | 1.6 | 3.7 | 7.4 | 6.7 | -1.7 | .2 |
| 03:00 | .00 | 3.9 | 3.7 | 4.1 | 7.4 | 7.9 | -2.4 | -1.0 |
| 04:00 | -.01 | 2.5 | 3.0 | 5.0 | 6.4 | 6.2 | -2.8 | -1.7 |
| 05:00 | .00 | 3.0 | 2.5 | 2.7 | 5.8 | 7.3 | -3.2 | -1.7 |
| 06:00 | .00 | 2.1 | 1.8 | 1.8 | 5.7 | 6.8 | -3.5 | -2.3 |
| 07:00 | .00 | 1.6 | 1.6 | 3.0 | 5.4 | 7.5 | -3.8 | -2.3 |
| 08:00 | -.07 | 2.1 | 3.7 | 6.6 | 12.9 | 4.7 | -2.5 | -1.2 |
| 09:00 | .41 | 9.6 | 10.3 | 10.3 | 16.3 | 14.4 | 1.6 | 1.0 |
| 10:00 | .45 | 13.7 | 13.3 | 15.3 | 13.5 | 15.1 | 3.7 | 2.8 |
| 11:00 | -.21 | 8.7 | 9.4 | 12.4 | 20.5 | 25.6 | 5.1 | 4.3 |
| 12:00 | -1.32 | 8.2 | 7.3 | 7.8 | 27.1 | 34.1 | 6.5 | 5.8 |
| 13:00 | -1.03 | 7.3 | 6.9 | 6.6 | 30.6 | 32.2 | 8.1 | 7.2 |
| 14:00 | .07 | 7.6 | 9.2 | 9.6 | 27.8 | 30.6 | 9.5 | 8.6 |
| 15:00 | .52 | 5.5 | 6.6 | 7.1 | 29.0 | 28.2 | 10.1 | 9.4 |
| 16:00 | .41 | 11.0 | 9.6 | 5.7 | 14.1 | 15.4 | 9.9 | 9.2 |
| 17:00 | .07 | 3.0 | 5.5 | 5.3 | 10.8 | 7.1 | 8.3 | 8.8 |
| 18:00 | -.02 | 2.7 | 2.3 | 2.7 | 6.5 | 4.0 | 6.2 | 7.3 |
| 19:00 | .02 | 5.3 | 6.2 | 6.6 | 9.0 | 5.8 | 4.2 | 6.1 |
| 20:00 | .05 | 2.3 | 4.6 | 7.1 | 7.7 | 2.3 | 3.0 | 5.4 |
| 21:00 | .05 | 2.5 | 4.8 | 8.9 | 7.3 | 2.7 | 2.0 | 4.6 |
| 22:00 | -.02 | 4.6 | 8.7 | 10.8 | 6.7 | 2.9 | 1.2 | 3.9 |
| 23:00 | .02 | 2.7 | 2.5 | 4.6 | 7.4 | 4.0 | .4 | 3.3 |
| Avg | -.02 | 4.9 | 5.5 | 6.4 | 12.6 | 12.2 | 2.4 | 3.3 |
| Max | .52 | 13.7 | 13.3 | 15.3 | 30.6 | 34.1 | 10.1 | 9.4 |
| Hr. of Max | 15 | 10 | 10 | 10 | 13 | 12 | 15 | 15 |
| Min | -1.32 | 1.6 | 1.6 | 1.8 | 5.4 | 2.3 | -3.8 | -2.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |