Date Printed: 08/05/2016 01:20

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

8/4/2016

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 | 22.7 | 23.8 | 24.3 | 25.1 | 1.08 | 1.62 | 2.46 | .53 | 1.38 |
| 01:00 | 22.2 | 23.3 | 23.8 | 24.6 | 1.09 | 1.56 | 2.41 | .47 | 1.32 |
| 02:00 | 21.8 | 22.9 | 23.4 | 23.9 | 1.07 | 1.53 | 2.09 | .46 | 1.01 |
| 03:00 | 21.8 | 23.1 | 23.2 | 23.5 | 1.32 | 1.43 | 1.77 | .11 | .45 |
| 04:00 | 21.4 | 22.7 | 23.1 | 23.6 | 1.31 | 1.67 | 2.13 | .37 | .82 |
| 05:00 | 21.0 | 22.0 | 22.7 | 23.2 | .94 | 1.70 | 2.19 | .76 | 1.25 |
| 06:00 | 21.1 | 22.1 | 22.4 | 22.8 | 1.01 | 1.29 | 1.68 | .28 | .67 |
| 07:00 | 21.9 | 22.5 | 22.7 | 22.9 | .61 | .74 | .97 | .14 | .37 |
| 08:00 | 24.0 | 23.8 | 23.6 | 23.5 | -.15 | -.32 | -.41 | -.16 | -.26 |
| 09:00 | 26.0 | 25.4 | 25.1 | 25.0 | -.62 | -.92 | -1.07 | -.31 | -.46 |
| 10:00 | 28.3 | 27.3 | 27.0 | 26.9 | -.95 | -1.27 | -1.42 | -.32 | -.46 |
| 11:00 | 30.0 | 28.8 | 28.4 | 28.3 | -1.22 | -1.57 | -1.71 | -.35 | -.49 |
| 12:00 | 31.2 | 29.9 | 29.6 | 29.4 | -1.27 | -1.62 | -1.75 | -.35 | -.48 |
| 13:00 | 32.5 | 31.1 | 30.7 | 30.6 | -1.40 | -1.79 | -1.91 | -.39 | -.51 |
| 14:00 | 29.4 | 28.8 | 28.6 | 28.6 | -.59 | -.80 | -.84 | -.21 | -.25 |
| 15:00 | 24.7 | 24.2 | 24.1 | 24.2 | -.52 | -.62 | -.52 | -.10 | .00 |
| 16:00 | 28.0 | 27.1 | 26.8 | 26.7 | -.89 | -1.20 | -1.23 | -.31 | -.34 |
| 17:00 | 29.9 | 29.1 | 28.8 | 28.6 | -.76 | -1.11 | -1.24 | -.35 | -.48 |
| 18:00 | 29.1 | 28.9 | 28.7 | 28.7 | -.26 | -.40 | -.42 | -.14 | -.16 |
| 19:00 | 27.5 | 28.2 | 28.5 | 28.6 | .74 | 1.02 | 1.16 | .28 | .42 |
| 20:00 | 25.5 | 26.2 | 27.1 | 27.9 | .73 | 1.55 | 2.41 | .82 | 1.68 |
| 21:00 | 25.0 | 25.5 | 25.9 | 26.1 | .59 | .98 | 1.15 | .39 | .56 |
| 22:00 | 23.8 | 23.8 | 23.8 | 23.8 | -.01 | -.07 | -.05 | -.07 | -.04 |
| 23:00 | 22.2 | 22.4 | 22.5 | 22.6 | .13 | .26 | .37 | .13 | .24 |
| Avg | 25.5 | 25.5 | 25.6 | 25.8 | .08 | .15 | .34 | .07 | .26 |
| Max | 32.5 | 31.1 | 30.7 | 30.6 | 1.32 | 1.70 | 2.46 | .82 | 1.68 |
| Hr. of Max | 13 | 13 | 13 | 13 | 03 | 05 | 00 | 20 | 20 |
| Min | 21.0 | 22.0 | 22.4 | 22.6 | -1.40 | -1.79 | -1.91 | -.39 | -.51 |
| 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)

8/4/2016

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 | 20.5 | 20.7 | 21.2 | 28.6 | 89.9 | 85.5 | 17.7 | 17.9 | 0.015682 |
| 01:00 | 20.2 | 20.5 | 20.9 | 28.4 | 90.5 | 86.3 | 17.4 | 17.6 | 0.015351 |
| 02:00 | 20.0 | 20.3 | 20.6 | 28.2 | 91.2 | 87.2 | 17.2 | 17.5 | 0.015135 |
| 03:00 | 20.0 | 20.3 | 20.6 | 28.0 | 91.8 | 86.3 | 17.2 | 17.5 | 0.015168 |
| 04:00 | 19.8 | 20.4 | 20.4 | 27.7 | 92.8 | 88.8 | 17.1 | 17.6 | 0.01501 |
| 05:00 | 19.5 | 20.6 | 20.0 | 27.5 | 93.2 | 94.3 | 16.7 | 17.9 | 0.014702 |
| 06:00 | 19.7 | 20.7 | 20.2 | 27.3 | 94.2 | 94.4 | 17.0 | 18.0 | 0.014924 |
| 07:00 | 20.5 | 20.7 | 20.9 | 27.1 | 93.9 | 91.9 | 17.7 | 18.0 | 0.015619 |
| 08:00 | 21.0 | 20.7 | 22.0 | 27.0 | 86.1 | 85.1 | 18.2 | 17.9 | 0.016192 |
| 09:00 | 20.9 | 20.5 | 22.6 | 26.9 | 75.7 | 76.2 | 18.0 | 17.6 | 0.016113 |
| 10:00 | 20.6 | 20.0 | 23.1 | 26.9 | 64.9 | 66.1 | 17.5 | 17.0 | 0.015784 |
| 11:00 | 20.7 | 20.1 | 23.8 | 27.1 | 59.5 | 61.3 | 17.6 | 17.0 | 0.01598 |
| 12:00 | 20.6 | 20.2 | 24.2 | 27.5 | 55.3 | 57.9 | 17.5 | 17.1 | 0.015901 |
| 13:00 | 20.4 | 20.1 | 24.4 | 28.2 | 50.8 | 53.9 | 17.2 | 17.0 | 0.015734 |
| 14:00 | 20.0 | 19.9 | 23.1 | 28.9 | 59.3 | 60.9 | 16.9 | 16.8 | 0.015271 |
| 15:00 | 22.5 | 22.0 | 23.2 | 29.3 | 89.9 | 89.9 | 19.9 | 19.3 | 0.017793 |
| 16:00 | 22.0 | 21.3 | 24.0 | 29.3 | 72.7 | 73.0 | 19.2 | 18.4 | 0.017335 |
| 17:00 | 21.1 | 20.6 | 24.1 | 29.3 | 61.4 | 62.1 | 18.1 | 17.6 | 0.01643 |
| 18:00 | 22.1 | 21.3 | 24.4 | 29.4 | 68.0 | 65.8 | 19.2 | 18.3 | 0.017391 |
| 19:00 | 22.7 | 21.7 | 24.3 | 29.4 | 77.7 | 70.1 | 20.0 | 18.8 | 0.018063 |
| 20:00 | 22.7 | 22.3 | 23.6 | 29.3 | 86.9 | 81.3 | 20.1 | 19.5 | 0.017985 |
| 21:00 | 22.3 | 21.9 | 23.2 | 29.1 | 87.7 | 82.8 | 19.6 | 19.2 | 0.017569 |
| 22:00 | 21.2 | 21.2 | 22.1 | 28.9 | 87.6 | 87.4 | 18.4 | 18.4 | 0.016377 |
| 23:00 | 20.8 | 20.8 | 21.3 | 28.7 | 94.3 | 93.5 | 18.1 | 18.1 | 0.016005 |
| Avg | 20.9 | 20.8 | 22.4 | 28.3 | 79.8 | 78.4 | 18.1 | 17.9 | 0.016146 |
| Max | 22.7 | 22.3 | 24.4 | 29.4 | 94.3 | 94.4 | 20.1 | 19.5 | 0.018063 |
| Hr. of Max | 20 | 20 | 18 | 19 | 23 | 06 | 20 | 20 | 19 |
| Min | 19.5 | 19.9 | 20.0 | 26.9 | 50.8 | 53.9 | 16.7 | 16.8 | 0.014702 |
| 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)

8/4/2016

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 | 0.015912 | 24.2 | 24.6 | .00 | 29.08 | 984.8 | -2.2 | .00 | 6.7 |
| 01:00 | 0.015638 | 23.7 | 24.1 | .00 | 29.07 | 984.6 | -2.3 | .00 | 311.4 |
| 02:00 | 0.015452 | 23.4 | 23.9 | .00 | 29.07 | 984.4 | -2.3 | .00 | 354.6 |
| 03:00 | 0.015464 | 23.4 | 23.9 | .00 | 29.05 | 984.0 | -2.2 | .00 | 53.4 |
| 04:00 | 0.015557 | 23.2 | 24.0 | .00 | 29.06 | 984.1 | -2.7 | .00 | 33.4 |
| 05:00 | 0.015761 | 22.7 | 24.3 | .00 | 29.08 | 984.7 | -2.2 | .00 | 265.3 |
| 06:00 | 0.015907 | 23.1 | 24.6 | .00 | 29.08 | 985.0 | -.1 | .00 | 14.4 |
| 07:00 | 0.015863 | 24.1 | 24.5 | .00 | 29.10 | 985.4 | 47.5 | .07 | 45.1 |
| 08:00 | 0.015861 | 25.0 | 24.5 | .00 | 29.11 | 986.0 | 179.5 | .26 | 62.9 |
| 09:00 | 0.015653 | 24.9 | 24.2 | .00 | 29.12 | 986.1 | 472.4 | .68 | 62.0 |
| 10:00 | 0.015191 | 24.4 | 23.5 | .00 | 29.12 | 986.0 | 667.9 | .96 | 111.4 |
| 11:00 | 0.015358 | 24.7 | 23.8 | .00 | 29.11 | 985.8 | 801.5 | 1.15 | 212.0 |
| 12:00 | 0.015492 | 24.6 | 23.9 | .00 | 29.10 | 985.5 | 929.0 | 1.33 | 180.5 |
| 13:00 | 0.01541 | 24.3 | 23.8 | .00 | 29.07 | 984.6 | 883.1 | 1.27 | 198.0 |
| 14:00 | 0.015178 | 23.6 | 23.5 | .00 | 29.07 | 984.5 | 133.0 | .19 | 266.1 |
| 15:00 | 0.017225 | 27.4 | 26.5 | .07 | 29.06 | 984.1 | 337.5 | .48 | 236.2 |
| 16:00 | 0.01654 | 26.7 | 25.5 | .00 | 29.04 | 983.4 | 641.6 | .92 | 243.5 |
| 17:00 | 0.01589 | 25.3 | 24.5 | .00 | 29.03 | 983.2 | 408.8 | .59 | 241.6 |
| 18:00 | 0.016597 | 26.7 | 25.5 | .00 | 29.02 | 982.9 | 170.6 | .24 | 255.8 |
| 19:00 | 0.017025 | 27.7 | 26.2 | .00 | 29.02 | 982.9 | 86.7 | .12 | 255.7 |
| 20:00 | 0.017563 | 27.6 | 27.0 | .00 | 29.04 | 983.4 | 4.2 | .01 | 256.2 |
| 21:00 | 0.017169 | 27.0 | 26.4 | .00 | 29.05 | 983.8 | -2.3 | .00 | 223.5 |
| 22:00 | 0.016333 | 25.3 | 25.2 | .04 | 29.08 | 984.8 | -2.5 | .00 | 234.0 |
| 23:00 | 0.015991 | 24.7 | 24.7 | .00 | 29.08 | 985.0 | -2.0 | .00 | 8.0 |
| Avg | 0.016001 | 24.9 | 24.7 | .00 | 29.07 | 984.5 | 239.3 | .34 | 278.0 |
| Max | 0.017563 | 27.7 | 27.0 | .07 | 29.12 | 986.1 | 929.0 | 1.33 | 354.6 |
| Hr. of Max | 20 | 19 | 20 | 15 | 10 | 09 | 12 | 12 | 02 |
| Min | 0.015178 | 22.7 | 23.5 | .00 | 29.02 | 982.9 | -2.7 | .00 | 6.7 |
| 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)

8/4/2016

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 | 57.8 | 68.8 | 6.6 | 55.7 | 37.9 | 10.6 | 5.5 | .6 | 1.8 |
| 01:00 | 53.1 | 62.0 | 314.3 | 47.2 | 52.3 | 27.8 | 5.7 | .4 | .9 |
| 02:00 | 59.7 | 67.1 | 349.9 | 45.9 | 32.1 | 17.1 | 6.8 | .6 | 1.1 |
| 03:00 | 58.4 | 67.4 | 54.3 | 54.8 | 19.1 | 12.7 | 6.8 | 1.3 | 2.2 |
| 04:00 | 63.0 | 78.7 | 34.1 | 66.6 | 33.1 | 13.7 | 7.0 | .9 | 2.0 |
| 05:00 | 359.7 | 12.8 | 260.3 | 347.5 | 58.6 | 36.5 | 15.5 | .8 | .7 |
| 06:00 | 63.0 | 60.4 | 17.2 | 44.2 | 45.7 | 12.5 | 12.6 | .7 | 1.4 |
| 07:00 | 56.5 | 70.5 | 47.5 | 57.7 | 16.5 | 14.8 | 6.7 | 1.2 | 1.9 |
| 08:00 | 60.3 | 63.2 | 66.6 | 50.1 | 27.6 | 21.9 | 14.0 | 2.0 | 2.9 |
| 09:00 | 55.7 | 56.9 | 63.3 | 43.9 | 44.2 | 32.6 | 23.2 | 2.0 | 2.8 |
| 10:00 | 117.2 | 96.8 | 132.0 | 64.8 | 57.2 | 55.9 | 51.6 | .6 | .3 |
| 11:00 | 231.9 | 220.9 | 216.1 | 215.9 | 52.5 | 45.5 | 49.9 | 1.9 | 2.3 |
| 12:00 | 186.6 | 180.1 | 191.0 | 174.4 | 47.6 | 35.6 | 33.8 | 2.3 | 3.2 |
| 13:00 | 201.4 | 204.1 | 201.9 | 197.6 | 61.7 | 51.4 | 40.6 | 2.2 | 2.9 |
| 14:00 | 270.5 | 266.7 | 270.9 | 258.9 | 25.1 | 20.0 | 18.2 | 5.4 | 7.6 |
| 15:00 | 255.6 | 258.7 | 241.9 | 251.6 | 35.7 | 25.4 | 22.5 | 2.6 | 4.0 |
| 16:00 | 256.8 | 264.9 | 250.0 | 257.3 | 29.7 | 26.9 | 22.7 | 3.1 | 3.9 |
| 17:00 | 250.1 | 250.9 | 246.3 | 244.1 | 35.0 | 27.8 | 27.3 | 3.0 | 3.9 |
| 18:00 | 261.4 | 256.8 | 258.3 | 251.4 | 25.8 | 19.0 | 18.0 | 1.3 | 1.8 |
| 19:00 | 235.6 | 219.1 | 250.5 | 226.0 | 43.6 | 29.1 | 33.6 | .8 | 1.2 |
| 20:00 | 253.4 | 241.9 | 257.9 | 235.7 | 27.5 | 17.3 | 15.6 | 1.8 | 2.9 |
| 21:00 | 247.3 | 268.8 | 228.0 | 261.4 | 22.6 | 20.1 | 19.7 | 2.0 | 3.2 |
| 22:00 | 238.1 | 233.3 | 239.5 | 226.7 | 33.5 | 26.6 | 20.3 | 4.2 | 6.2 |
| 23:00 | 32.2 | 67.2 | 7.4 | 52.0 | 41.1 | 37.9 | 34.6 | 1.3 | 1.7 |
| Avg | 322.0 | 119.0 | 278.0 | 345.0 | 37.7 | 26.6 | 21.3 | .0 | .0 |
| Max | 359.7 | 268.8 | 349.9 | 347.5 | 61.7 | 55.9 | 51.6 | 5.4 | 7.6 |
| Hr. of Max | 05 | 21 | 02 | 05 | 13 | 10 | 10 | 14 | 14 |
| Min | 32.2 | 12.8 | 6.6 | 43.9 | 16.5 | 10.6 | 5.5 | .4 | .3 |
| 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)

8/4/2016

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 | 3.0 | .8 | 1.9 | 3.0 | 1.0 | 3.2 | 2.2 | 2.2 | .04 |
| 01:00 | 2.5 | .5 | 1.0 | 2.5 | .7 | 2.7 | .9 | 1.9 | .01 |
| 02:00 | 1.9 | 1.0 | 1.1 | 1.9 | 1.1 | 2.2 | -1.2 | -1.2 | -.02 |
| 03:00 | 3.5 | 1.4 | 2.3 | 3.6 | 1.5 | 3.8 | .7 | -.7 | .02 |
| 04:00 | 4.0 | 1.1 | 2.1 | 4.0 | 1.3 | 4.2 | 2.0 | .8 | .03 |
| 05:00 | 1.8 | 1.0 | 1.1 | 1.9 | 1.3 | 2.2 | .4 | 2.0 | .00 |
| 06:00 | 2.0 | .7 | 1.4 | 2.1 | .9 | 2.4 | 1.0 | .4 | .01 |
| 07:00 | 3.0 | 1.4 | 2.0 | 3.1 | 1.5 | 3.3 | 1.1 | -1.8 | -.01 |
| 08:00 | 3.6 | 2.2 | 3.1 | 3.7 | 2.6 | 4.0 | -3.2 | 5.5 | -.17 |
| 09:00 | 3.4 | 2.7 | 3.4 | 3.7 | 3.2 | 4.2 | -.7 | 2.0 | -.14 |
| 10:00 | .3 | 2.0 | 2.0 | 2.1 | 2.6 | 2.7 | .5 | 4.0 | -.02 |
| 11:00 | 2.4 | 2.8 | 3.1 | 3.2 | 3.3 | 3.8 | 3.4 | 4.8 | .09 |
| 12:00 | 3.5 | 3.5 | 4.0 | 4.3 | 4.1 | 5.0 | .5 | -1.5 | -.03 |
| 13:00 | 3.4 | 3.4 | 4.0 | 4.2 | 4.0 | 5.0 | 2.6 | .7 | .14 |
| 14:00 | 9.1 | 6.0 | 8.2 | 9.9 | 6.5 | 10.2 | -2.8 | -2.5 | -.52 |
| 15:00 | 5.9 | 3.0 | 4.4 | 6.3 | 3.5 | 6.6 | -.2 | 1.2 | -.12 |
| 16:00 | 4.5 | 3.5 | 4.3 | 4.8 | 4.1 | 5.2 | -.3 | 1.8 | -.15 |
| 17:00 | 4.3 | 3.6 | 4.4 | 4.9 | 4.0 | 5.3 | .7 | -2.8 | -.16 |
| 18:00 | 2.1 | 1.4 | 1.9 | 2.3 | 1.9 | 2.5 | -1.6 | -2.3 | -.11 |
| 19:00 | 1.1 | 1.1 | 1.6 | 1.6 | 1.4 | 1.8 | .6 | -1.4 | -.01 |
| 20:00 | 4.2 | 2.1 | 3.1 | 4.6 | 2.4 | 4.8 | -.2 | .8 | -.06 |
| 21:00 | 4.3 | 2.2 | 3.6 | 4.6 | 2.6 | 4.7 | .5 | 1.1 | .00 |
| 22:00 | 7.7 | 5.1 | 7.3 | 9.1 | 5.4 | 9.5 | -1.1 | .3 | -.25 |
| 23:00 | 2.2 | 1.8 | 2.9 | 3.5 | 2.1 | 3.7 | -4.8 | -1.8 | -.22 |
| Avg | .0 | 2.3 | 3.1 | 4.0 | 2.6 | 4.3 | .0 | .6 | -.07 |
| Max | 9.1 | 6.0 | 8.2 | 9.9 | 6.5 | 10.2 | 3.4 | 5.5 | .14 |
| Hr. of Max | 14 | 14 | 14 | 14 | 14 | 14 | 11 | 08 | 13 |
| Min | .3 | .5 | 1.0 | 1.6 | .7 | 1.8 | -4.8 | -2.8 | -.52 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "D" (1000 Area)

8/4/2016

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 | .11 | 2.3 | 2.7 | 4.8 | 8.7 | 2.9 | 25.3 | 26.5 |
| 01:00 | .10 | 1.8 | 2.7 | 5.3 | 8.3 | 3.1 | 24.8 | 25.9 |
| 02:00 | -.01 | 2.5 | 3.2 | 4.4 | 7.4 | 5.8 | 24.4 | 25.3 |
| 03:00 | -.04 | 3.9 | 5.5 | 7.3 | 7.7 | 3.0 | 24.6 | 24.8 |
| 04:00 | .05 | 3.4 | 4.8 | 9.6 | 10.4 | 4.7 | 24.2 | 24.9 |
| 05:00 | .09 | 3.0 | 3.4 | 3.9 | 9.1 | 6.6 | 23.6 | 24.6 |
| 06:00 | .03 | 2.7 | 4.4 | 5.0 | 9.0 | 7.2 | 23.7 | 24.1 |
| 07:00 | -.11 | 3.0 | 3.2 | 5.0 | 11.6 | 4.1 | 24.1 | 24.2 |
| 08:00 | .33 | 6.0 | 6.9 | 7.3 | 18.5 | 14.8 | 25.5 | 24.9 |
| 09:00 | .11 | 6.9 | 7.8 | 8.9 | 24.5 | 21.3 | 27.2 | 26.3 |
| 10:00 | .17 | 7.6 | 7.1 | 8.0 | 28.6 | 34.5 | 28.9 | 28.1 |
| 11:00 | .22 | 7.8 | 7.8 | 7.6 | 28.3 | 29.9 | 30.2 | 29.3 |
| 12:00 | -.22 | 12.1 | 12.6 | 13.1 | 25.1 | 25.9 | 31.2 | 30.4 |
| 13:00 | -.05 | 12.8 | 15.3 | 15.8 | 27.0 | 31.2 | 32.3 | 31.4 |
| 14:00 | -.48 | 19.0 | 21.5 | 23.4 | 16.1 | 11.8 | 30.2 | 29.5 |
| 15:00 | .08 | 14.0 | 24.0 | 27.7 | 18.8 | 12.0 | 26.0 | 25.6 |
| 16:00 | -.06 | 9.4 | 9.6 | 10.5 | 21.6 | 17.9 | 28.7 | 27.9 |
| 17:00 | -.34 | 9.4 | 10.5 | 11.0 | 22.4 | 15.1 | 30.5 | 29.6 |
| 18:00 | -.14 | 6.0 | 6.6 | 8.9 | 15.9 | 12.9 | 30.5 | 29.9 |
| 19:00 | -.04 | 3.0 | 4.1 | 4.6 | 10.6 | 10.5 | 29.9 | 29.9 |
| 20:00 | .05 | 6.9 | 9.4 | 12.1 | 7.3 | 3.3 | 28.0 | 29.3 |
| 21:00 | .06 | 8.9 | 13.7 | 13.7 | 11.5 | 11.0 | 27.3 | 27.5 |
| 22:00 | -.10 | 17.6 | 19.9 | 21.3 | 15.3 | 9.1 | 25.5 | 25.1 |
| 23:00 | -.08 | 4.4 | 8.0 | 11.7 | 13.1 | 8.8 | 24.0 | 23.9 |
| Avg | -.01 | 7.3 | 8.9 | 10.5 | 15.7 | 12.8 | 27.1 | 27.0 |
| Max | .33 | 19.0 | 24.0 | 27.7 | 28.6 | 34.5 | 32.3 | 31.4 |
| Hr. of Max | 08 | 14 | 15 | 15 | 10 | 10 | 13 | 13 |
| Min | -.48 | 1.8 | 2.7 | 3.9 | 7.3 | 2.9 | 23.6 | 23.9 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |