Date Printed: 07/06/2015 01:20

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

7/5/2015

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 | 21.4 | 21.8 | 21.9 | 22.1 | .33 | .47 | .68 | .14 | .35 |
| 01:00 | 21.5 | 21.7 | 21.7 | 21.8 | .21 | .22 | .36 | .02 | .15 |
| 02:00 | 21.2 | 21.2 | 21.1 | 21.1 | -.04 | -.14 | -.12 | -.10 | -.08 |
| 03:00 | 20.6 | 20.6 | 20.5 | 20.5 | .01 | -.08 | -.07 | -.09 | -.09 |
| 04:00 | 20.3 | 20.3 | 20.2 | 20.2 | -.02 | -.12 | -.12 | -.10 | -.10 |
| 05:00 | 20.3 | 20.3 | 20.2 | 20.2 | -.01 | -.11 | -.06 | -.10 | -.05 |
| 06:00 | 20.5 | 20.7 | 20.7 | 20.7 | .21 | .18 | .20 | -.03 | -.01 |
| 07:00 | 20.5 | 20.4 | 20.3 | 20.3 | -.05 | -.18 | -.18 | -.13 | -.14 |
| 08:00 | 20.3 | 20.2 | 20.1 | 20.1 | -.11 | -.27 | -.27 | -.15 | -.16 |
| 09:00 | 20.3 | 20.1 | 20.0 | 20.0 | -.13 | -.27 | -.28 | -.14 | -.15 |
| 10:00 | 20.5 | 20.3 | 20.1 | 20.1 | -.25 | -.44 | -.45 | -.19 | -.20 |
| 11:00 | 20.9 | 20.6 | 20.4 | 20.4 | -.32 | -.54 | -.57 | -.22 | -.25 |
| 12:00 | 22.3 | 21.8 | 21.5 | 21.5 | -.55 | -.81 | -.81 | -.26 | -.26 |
| 13:00 | 22.4 | 22.0 | 21.8 | 21.8 | -.42 | -.64 | -.67 | -.22 | -.25 |
| 14:00 | 22.2 | 21.7 | 21.5 | 21.4 | -.48 | -.72 | -.79 | -.24 | -.31 |
| 15:00 | 24.1 | 23.5 | 23.3 | 23.2 | -.58 | -.80 | -.89 | -.22 | -.31 |
| 16:00 | 23.3 | 23.1 | 22.9 | 22.9 | -.23 | -.40 | -.39 | -.17 | -.17 |
| 17:00 | 21.1 | 20.8 | 20.6 | 20.6 | -.31 | -.46 | -.43 | -.15 | -.12 |
| 18:00 | 21.4 | 21.1 | 21.0 | 21.0 | -.27 | -.43 | -.41 | -.16 | -.14 |
| 19:00 | 21.4 | 21.2 | 21.1 | 21.1 | -.19 | -.34 | -.34 | -.15 | -.15 |
| 20:00 | 21.2 | 21.0 | 20.9 | 21.0 | -.16 | -.24 | -.17 | -.08 | -.01 |
| 21:00 | 20.8 | 20.7 | 20.6 | 20.8 | -.08 | -.13 | .02 | -.06 | .09 |
| 22:00 | 20.6 | 20.6 | 20.6 | 20.7 | -.06 | -.02 | .13 | .04 | .19 |
| 23:00 | 20.4 | 20.4 | 20.4 | 20.5 | -.04 | -.05 | .05 | -.01 | .09 |
| Avg | 21.2 | 21.1 | 21.0 | 21.0 | -.15 | -.26 | -.23 | -.12 | -.09 |
| Max | 24.1 | 23.5 | 23.3 | 23.2 | .33 | .47 | .68 | .14 | .35 |
| Hr. of Max | 15 | 15 | 15 | 15 | 00 | 00 | 00 | 00 | 00 |
| Min | 20.3 | 20.1 | 20.0 | 20.0 | -.58 | -.81 | -.89 | -.26 | -.31 |
| 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)

7/5/2015

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 | 20.4 | 20.6 | 20.7 | 24.5 | 96.0 | 95.3 | 17.6 | 17.8 | 0.015487 |
| 01:00 | 20.4 | 20.6 | 20.8 | 24.4 | 96.0 | 95.7 | 17.7 | 17.8 | 0.01553 |
| 02:00 | 19.7 | 19.8 | 20.2 | 24.2 | 93.3 | 94.5 | 16.9 | 17.1 | 0.014844 |
| 03:00 | 19.5 | 19.6 | 19.8 | 23.8 | 95.5 | 96.3 | 16.7 | 16.9 | 0.014648 |
| 04:00 | 19.2 | 19.4 | 19.6 | 23.2 | 95.9 | 97.2 | 16.5 | 16.7 | 0.014442 |
| 05:00 | 19.1 | 19.3 | 19.5 | 22.6 | 95.3 | 96.5 | 16.4 | 16.6 | 0.014354 |
| 06:00 | 19.1 | 19.2 | 19.6 | 22.5 | 93.8 | 93.2 | 16.4 | 16.5 | 0.014331 |
| 07:00 | 18.9 | 19.1 | 19.4 | 22.5 | 93.0 | 94.1 | 16.2 | 16.3 | 0.014138 |
| 08:00 | 18.9 | 19.0 | 19.4 | 22.4 | 93.5 | 94.8 | 16.2 | 16.3 | 0.014117 |
| 09:00 | 19.0 | 19.1 | 19.4 | 22.3 | 94.4 | 95.7 | 16.2 | 16.3 | 0.01417 |
| 10:00 | 19.2 | 19.2 | 19.6 | 22.2 | 94.1 | 95.4 | 16.5 | 16.4 | 0.014375 |
| 11:00 | 19.5 | 19.4 | 20.0 | 22.3 | 93.8 | 94.9 | 16.8 | 16.7 | 0.014674 |
| 12:00 | 19.5 | 19.0 | 20.5 | 22.4 | 86.5 | 86.2 | 16.7 | 16.2 | 0.014722 |
| 13:00 | 19.1 | 18.8 | 20.2 | 22.7 | 83.6 | 83.9 | 16.3 | 16.0 | 0.014326 |
| 14:00 | 19.7 | 19.4 | 20.6 | 23.1 | 87.9 | 88.5 | 16.9 | 16.6 | 0.014878 |
| 15:00 | 19.1 | 18.6 | 20.8 | 23.4 | 76.0 | 76.1 | 16.3 | 15.8 | 0.014375 |
| 16:00 | 19.3 | 19.0 | 20.6 | 23.8 | 80.0 | 79.7 | 16.4 | 16.1 | 0.014474 |
| 17:00 | 19.4 | 19.2 | 19.9 | 24.1 | 92.3 | 93.2 | 16.6 | 16.5 | 0.01455 |
| 18:00 | 19.6 | 19.5 | 20.2 | 24.2 | 91.8 | 92.6 | 16.9 | 16.7 | 0.014788 |
| 19:00 | 19.8 | 19.7 | 20.3 | 24.2 | 92.8 | 93.5 | 17.0 | 17.0 | 0.014944 |
| 20:00 | 19.8 | 19.8 | 20.3 | 24.2 | 94.2 | 95.2 | 17.1 | 17.1 | 0.014958 |
| 21:00 | 19.6 | 19.7 | 20.0 | 24.1 | 95.3 | 96.6 | 16.9 | 17.0 | 0.01477 |
| 22:00 | 19.5 | 19.7 | 19.9 | 24.0 | 95.7 | 96.8 | 16.8 | 16.9 | 0.014664 |
| 23:00 | 19.4 | 19.6 | 19.7 | 23.8 | 96.1 | 97.4 | 16.7 | 16.8 | 0.014524 |
| Avg | 19.4 | 19.4 | 20.0 | 23.4 | 92.0 | 92.6 | 16.7 | 16.7 | 0.014628 |
| Max | 20.4 | 20.6 | 20.8 | 24.5 | 96.1 | 97.4 | 17.7 | 17.8 | 0.01553 |
| Hr. of Max | 01 | 01 | 15 | 00 | 23 | 23 | 01 | 01 | 01 |
| Min | 18.9 | 18.6 | 19.4 | 22.2 | 76.0 | 76.1 | 16.2 | 15.8 | 0.014117 |
| 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)

7/5/2015

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 | 0.015691 | 24.0 | 24.3 | .01 | 29.13 | 986.4 | -2.7 | .00 | 22.1 |
| 01:00 | 0.015685 | 24.0 | 24.3 | .05 | 29.13 | 986.4 | -2.9 | .00 | 70.4 |
| 02:00 | 0.014995 | 23.0 | 23.2 | .32 | 29.14 | 986.8 | -3.0 | .00 | 220.5 |
| 03:00 | 0.014791 | 22.7 | 22.9 | .22 | 29.13 | 986.4 | -2.3 | .00 | 69.1 |
| 04:00 | 0.014614 | 22.4 | 22.6 | .41 | 29.11 | 985.9 | -2.3 | .00 | 29.1 |
| 05:00 | 0.014525 | 22.2 | 22.5 | .02 | 29.11 | 985.9 | -2.0 | .00 | 73.3 |
| 06:00 | 0.014426 | 22.2 | 22.4 | .02 | 29.13 | 986.3 | -1.3 | .00 | 70.6 |
| 07:00 | 0.014261 | 21.9 | 22.1 | .02 | 29.13 | 986.3 | 7.3 | .01 | 174.6 |
| 08:00 | 0.014206 | 21.9 | 22.0 | .00 | 29.14 | 986.8 | 58.0 | .08 | 198.4 |
| 09:00 | 0.014263 | 22.0 | 22.1 | .24 | 29.15 | 987.1 | 69.0 | .10 | 219.7 |
| 10:00 | 0.01435 | 22.3 | 22.3 | .04 | 29.16 | 987.4 | 190.5 | .27 | 215.4 |
| 11:00 | 0.014559 | 22.8 | 22.6 | .01 | 29.16 | 987.4 | 266.4 | .38 | 222.6 |
| 12:00 | 0.014183 | 22.8 | 22.0 | .00 | 29.16 | 987.4 | 583.6 | .84 | 230.9 |
| 13:00 | 0.014019 | 22.2 | 21.8 | .00 | 29.16 | 987.4 | 317.8 | .46 | 245.2 |
| 14:00 | 0.014541 | 23.1 | 22.6 | .01 | 29.15 | 987.3 | 513.2 | .74 | 231.7 |
| 15:00 | 0.013902 | 22.3 | 21.6 | .01 | 29.14 | 986.9 | 615.2 | .88 | 248.8 |
| 16:00 | 0.014224 | 22.4 | 22.1 | .06 | 29.14 | 986.9 | 140.8 | .20 | 239.4 |
| 17:00 | 0.014412 | 22.6 | 22.4 | .06 | 29.15 | 987.3 | 181.7 | .26 | 236.5 |
| 18:00 | 0.014663 | 22.9 | 22.7 | .00 | 29.15 | 987.3 | 149.3 | .21 | 225.7 |
| 19:00 | 0.01489 | 23.2 | 23.1 | .00 | 29.15 | 987.3 | 65.0 | .09 | 210.2 |
| 20:00 | 0.014971 | 23.2 | 23.2 | .00 | 29.15 | 987.2 | 12.5 | .02 | 227.2 |
| 21:00 | 0.014887 | 22.9 | 23.1 | .00 | 29.16 | 987.6 | -1.4 | .00 | 253.1 |
| 22:00 | 0.014783 | 22.8 | 23.0 | .00 | 29.20 | 988.8 | -1.6 | .00 | 259.7 |
| 23:00 | 0.014684 | 22.6 | 22.8 | .00 | 29.20 | 989.0 | -2.2 | .00 | 240.3 |
| Avg | 0.014605 | 22.7 | 22.7 | .06 | 29.15 | 987.1 | 131.2 | .19 | 224.0 |
| Max | 0.015691 | 24.0 | 24.3 | .41 | 29.20 | 989.0 | 615.2 | .88 | 259.7 |
| Hr. of Max | 00 | 01 | 01 | 04 | 23 | 23 | 15 | 15 | 22 |
| Min | 0.013902 | 21.9 | 21.6 | .00 | 29.11 | 985.9 | -3.0 | .00 | 22.1 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "D" (1000 Area)

7/5/2015

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 | 43.6 | 65.3 | 22.1 | 61.5 | 18.3 | 13.5 | 13.5 | 1.5 | 2.8 |
| 01:00 | 84.2 | 88.2 | 71.6 | 84.4 | 33.3 | 28.7 | 18.7 | .8 | 2.3 |
| 02:00 | 213.4 | 203.2 | 224.7 | 205.1 | 44.0 | 32.6 | 20.5 | 2.3 | 4.0 |
| 03:00 | 101.7 | 124.0 | 74.6 + | 120.3 | 57.0 | 44.5 | 30.2 | .8 | 1.4 |
| 04:00 | 34.1 | 44.5 | 29.5 | 39.0 | 65.3 | 53.7 | 49.3 | .9 | 2.0 |
| 05:00 | 90.3 | 93.2 | 81.1 | 89.4 | 65.1 | 45.9 | 28.4 | 1.2 | 2.1 |
| 06:00 | 97.9 | 111.0 | 75.8 | 108.1 | 41.8 | 30.4 | 21.7 | 1.9 | 3.6 |
| 07:00 | 169.2 | 168.5 | 185.7 | 167.1 | 51.5 | 45.2 | 38.4 | 2.2 | 3.5 |
| 08:00 | 203.2 | 195.7 | 206.0 | 195.6 | 32.2 | 23.4 | 18.0 | 3.5 | 5.6 |
| 09:00 | 220.8 | 215.2 | 225.6 | 217.0 | 24.0 | 16.3 | 14.3 | 4.2 | 6.7 |
| 10:00 | 218.8 | 217.4 | 220.8 | 219.6 | 21.4 | 15.3 | 10.6 | 4.5 | 6.9 |
| 11:00 | 227.8 | 225.7 | 228.3 | 227.8 | 23.5 | 16.4 | 12.5 | 4.0 | 5.9 |
| 12:00 | 236.1 | 237.3 | 237.3 | 239.6 | 24.5 | 15.0 | 12.3 | 5.7 | 8.1 |
| 13:00 | 246.9 | 245.5 | 251.5 | 246.8 | 20.6 | 14.8 | 11.4 | 4.8 | 6.6 |
| 14:00 | 237.2 | 238.9 | 235.8 | 240.3 | 27.0 | 23.5 | 19.1 | 4.0 | 5.2 |
| 15:00 | 256.8 | 257.6 | 253.1 | 258.2 | 39.9 | 32.5 | 27.0 | 3.0 | 4.0 |
| 16:00 | 244.8 | 245.5 | 243.5 | 247.0 | 24.6 | 17.8 | 14.4 | 3.7 | 5.8 |
| 17:00 | 245.3 | 248.9 | 242.9 | 250.5 | 20.5 | 13.0 | 10.9 | 4.0 | 6.3 |
| 18:00 | 235.5 | 240.9 | 230.5 | 242.5 | 21.0 | 15.4 | 13.2 | 3.4 | 5.0 |
| 19:00 | 225.6 | 242.7 | 211.6 | 242.5 | 36.5 | 27.7 | 39.0 | 1.4 | 1.7 |
| 20:00 | 228.4 | 217.0 | 238.4 | 218.9 | 44.4 | 17.6 | 7.4 | .6 | 1.3 |
| 21:00 | 240.0 | 216.6 | 256.7 | 218.6 | 21.6 | 14.6 | 11.7 | 1.8 | 3.2 |
| 22:00 | 245.9 | 230.6 | 257.7 | 232.9 | 21.7 | 10.5 | 6.5 | .8 | 1.8 |
| 23:00 | 251.1 | 243.4 | 241.2 | 244.9 | 26.9 | 10.6 | 6.5 | 1.1 | 1.9 |
| Avg | 220.0 | 212.0 | 230.0 | 215.0 | 33.6 | 24.1 | 19.0 | .0 | .0 |
| Max | 256.8 | 257.6 | 257.7 | 258.2 | 65.3 | 53.7 | 49.3 | 5.7 | 8.1 |
| Hr. of Max | 15 | 15 | 22 | 15 | 04 | 04 | 04 | 12 | 12 |
| Min | 34.1 | 44.5 | 22.1 | 39.0 | 18.3 | 10.5 | 6.5 | .6 | 1.3 |
| 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)

7/5/2015

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 | 3.3 | 1.6 | 2.9 | 3.4 | 1.9 | 3.7 | -2.9 | -.7 | -.13 |
| 01:00 | 3.4 | 1.8 | 3.1 | 4.2 | 2.2 | 4.6 | -.8 | -1.2 | -.08 |
| 02:00 | 5.3 | 2.6 | 4.3 | 5.7 | 3.1 | 6.1 | -2.8 | -1.0 | -.24 |
| 03:00 | 1.9 | 1.5 | 2.1 | 2.7 | 2.1 | 3.1 | 1.6 | 3.6 | .08 |
| 04:00 | 2.4 | 1.7 | 2.7 | 3.1 | 2.2 | 3.5 | -3.8 | .5 | -.18 |
| 05:00 | 3.0 | 2.0 | 2.8 | 3.7 | 2.5 | 4.1 | 1.4 | -1.5 | .06 |
| 06:00 | 4.5 | 2.2 | 3.8 | 4.8 | 2.7 | 5.3 | 3.3 | -.4 | .04 |
| 07:00 | 5.0 | 3.9 | 5.3 | 6.7 | 4.6 | 7.3 | 4.8 | 3.3 | .19 |
| 08:00 | 7.7 | 4.0 | 6.1 | 8.1 | 4.8 | 8.4 | -.3 | -.9 | -.20 |
| 09:00 | 8.3 | 4.6 | 7.0 | 8.7 | 5.0 | 9.0 | .7 | -1.1 | -.17 |
| 10:00 | 8.8 | 4.7 | 7.1 | 9.0 | 5.3 | 9.4 | .4 | .9 | -.18 |
| 11:00 | 7.8 | 4.3 | 6.2 | 8.1 | 5.0 | 8.5 | 1.7 | .4 | -.12 |
| 12:00 | 9.2 | 6.1 | 8.3 | 9.4 | 6.6 | 10.1 | .0 | -.4 | -.26 |
| 13:00 | 7.5 | 5.0 | 6.8 | 7.7 | 5.5 | 8.2 | .0 | .3 | -.24 |
| 14:00 | 5.6 | 4.4 | 5.5 | 6.0 | 5.1 | 6.6 | -.1 | -.1 | -.15 |
| 15:00 | 4.8 | 3.9 | 4.9 | 5.8 | 4.4 | 6.3 | .6 | -1.2 | -.09 |
| 16:00 | 7.3 | 4.1 | 6.2 | 7.8 | 4.7 | 8.3 | 2.0 | 1.3 | -.09 |
| 17:00 | 7.6 | 4.3 | 6.5 | 7.8 | 4.9 | 8.3 | -1.1 | .1 | -.23 |
| 18:00 | 6.1 | 3.6 | 5.2 | 6.3 | 4.1 | 6.9 | .4 | .7 | -.13 |
| 19:00 | 2.4 | 1.5 | 1.8 | 2.6 | 2.1 | 2.9 | 2.8 | 2.2 | .06 |
| 20:00 | 2.1 | .6 | 1.4 | 2.2 | 1.1 | 2.5 | 4.0 | -.5 | .05 |
| 21:00 | 4.0 | 2.0 | 3.3 | 4.1 | 2.3 | 4.4 | -2.1 | .3 | -.13 |
| 22:00 | 2.8 | .8 | 1.9 | 2.8 | 1.3 | 3.2 | -.5 | -.2 | -.03 |
| 23:00 | 3.0 | 1.1 | 2.0 | 3.0 | 1.6 | 3.3 | -.6 | .2 | -.04 |
| Avg | .0 | 3.0 | 4.5 | 5.6 | 3.5 | 6.0 | .4 | .2 | -.09 |
| Max | 9.2 | 6.1 | 8.3 | 9.4 | 6.6 | 10.1 | 4.8 | 3.6 | .19 |
| Hr. of Max | 12 | 12 | 12 | 12 | 12 | 12 | 07 | 03 | 07 |
| Min | 1.9 | .6 | 1.4 | 2.2 | 1.1 | 2.5 | -3.8 | -1.5 | -.26 |
| 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)

7/5/2015

Interval: 001h

| | 73_VSSpd_060m | 79_PkWsH_015m | 80_PkWsH_035m | 81_PkWsH_060m | 82_SPkWsH_015m | 83_SPkWsH_060m | 84_SigPhi_015m | 85_SigPhi_060m |
|---|---|---|---|---|---|---|---|---|
| Hour | MPH | MPH | MPH | MPH | MPH | MPH | DEG | DEG |
| 00:00 | -.07 | 3.9 | 5.0 | 6.2 | 4.4 | 6.5 | 9.9 | 6.7 |
| 01:00 | -.13 | 9.8 | 11.9 | 11.9 | 12.7 | 13.3 | 16.2 | 11.8 |
| 02:00 | -.19 | 9.2 | 13.3 | 19.5 | 10.3 | 21.1 | 18.8 | 13.0 |
| 03:00 | .15 | 7.8 | 8.7 | 9.6 | 8.9 | 9.8 | 15.6 | 16.1 |
| 04:00 | .01 | 7.6 | 10.1 | 10.5 | 9.9 | 10.8 | 17.2 | 16.1 |
| 05:00 | -.01 | 6.4 | 7.6 | 11.7 | 6.9 | 13.0 | 20.5 | 18.5 |
| 06:00 | -.05 | 8.9 | 10.1 | 13.1 | 10.4 | 13.1 | 24.2 | 17.3 |
| 07:00 | .16 | 12.4 | 16.0 | 17.9 | 14.3 | 18.4 | 21.7 | 20.4 |
| 08:00 | -.29 | 11.7 | 13.5 | 15.8 | 12.5 | 16.1 | 18.8 | 12.5 |
| 09:00 | -.21 | 11.2 | 14.9 | 17.2 | 12.1 | 17.5 | 18.6 | 9.6 |
| 10:00 | .00 | 12.4 | 21.8 | 17.6 | 14.5 | 16.6 | 17.5 | 9.4 |
| 11:00 | -.06 | 11.7 | 13.1 | 21.3 | 13.0 | 15.4 | 19.2 | 9.9 |
| 12:00 | -.22 | 14.2 | 16.7 | 15.8 | 15.8 | 18.0 | 17.0 | 10.2 |
| 13:00 | -.05 | 10.1 | 12.4 | 13.3 | 12.3 | 14.1 | 16.3 | 9.6 |
| 14:00 | -.18 | 16.3 | 13.7 | 17.4 | 13.6 | 15.8 | 17.0 | 14.5 |
| 15:00 | -.18 | 12.6 | 12.6 | 13.5 | 15.2 | 15.3 | 20.4 | 16.2 |
| 16:00 | .12 | 17.2 | 17.4 | 18.1 | 15.1 | 19.5 | 16.2 | 8.1 |
| 17:00 | -.06 | 12.8 | 21.3 | 34.3 | 11.4 | 17.9 | 15.0 | 7.8 |
| 18:00 | .04 | 8.9 | 12.8 | 17.6 | 10.7 | 12.8 | 16.4 | 8.4 |
| 19:00 | .05 | 5.0 | 6.0 | 7.3 | 5.7 | 7.7 | 17.2 | 12.4 |
| 20:00 | -.02 | 2.5 | 3.4 | 4.4 | 3.2 | 4.9 | 16.6 | 8.7 |
| 21:00 | .01 | 5.0 | 6.2 | 7.3 | 4.7 | 7.8 | 10.8 | 5.2 |
| 22:00 | -.01 | 2.5 | 7.1 | 8.5 | 3.1 | 5.3 | 8.5 | 3.0 |
| 23:00 | .02 | 3.2 | 5.5 | 7.6 | 3.7 | 4.9 | 8.2 | 3.3 |
| Avg | -.05 | 9.3 | 11.7 | 14.1 | 10.2 | 13.2 | 16.6 | 11.2 |
| Max | .16 | 17.2 | 21.8 | 34.3 | 15.8 | 21.1 | 24.2 | 20.4 |
| Hr. of Max | 07 | 16 | 10 | 17 | 12 | 02 | 06 | 07 |
| Min | -.29 | 2.5 | 3.4 | 4.4 | 3.1 | 4.9 | 8.2 | 3.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |