Date Printed: 06/16/2015 01:20

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

6/15/2015

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 | 22.4 | 22.9 | 23.5 | .98 | 1.46 | 2.08 | .48 | 1.11 |
| 01:00 | 20.9 | 22.0 | 22.4 | 23.0 | 1.13 | 1.55 | 2.10 | .42 | .97 |
| 02:00 | 20.3 | 21.5 | 21.8 | 22.8 | 1.13 | 1.51 | 2.44 | .38 | 1.31 |
| 03:00 | 19.9 | 21.0 | 21.4 | 21.8 | 1.09 | 1.53 | 1.98 | .43 | .88 |
| 04:00 | 19.4 | 20.6 | 21.1 | 21.9 | 1.21 | 1.71 | 2.44 | .50 | 1.23 |
| 05:00 | 19.1 | 20.4 | 20.7 | 21.2 | 1.25 | 1.51 | 2.09 | .26 | .84 |
| 06:00 | 18.9 | 20.0 | 20.4 | 21.1 | 1.07 | 1.50 | 2.18 | .43 | 1.11 |
| 07:00 | 20.4 | 20.6 | 20.9 | 21.5 | .19 | .49 | 1.10 | .30 | .91 |
| 08:00 | 23.5 | 23.2 | 23.0 | 23.1 | -.26 | -.43 | -.40 | -.16 | -.14 |
| 09:00 | 26.2 | 25.6 | 25.4 | 25.3 | -.56 | -.80 | -.93 | -.24 | -.37 |
| 10:00 | 28.0 | 27.5 | 27.1 | 27.0 | -.58 | -.90 | -1.08 | -.33 | -.50 |
| 11:00 | 29.7 | 28.9 | 28.5 | 28.4 | -.86 | -1.17 | -1.28 | -.32 | -.42 |
| 12:00 | 31.1 | 30.1 | 29.8 | 29.6 | -.96 | -1.25 | -1.43 | -.29 | -.47 |
| 13:00 | 31.8 | 30.7 | 30.5 | 30.4 | -1.10 | -1.37 | -1.44 | -.27 | -.34 |
| 14:00 | 32.7 | 31.6 | 31.3 | 31.2 | -1.07 | -1.40 | -1.52 | -.33 | -.44 |
| 15:00 | 32.3 | 31.5 | 31.2 | 31.1 | -.82 | -1.12 | -1.18 | -.30 | -.36 |
| 16:00 | 31.9 | 31.5 | 31.3 | 31.3 | -.49 | -.69 | -.68 | -.19 | -.19 |
| 17:00 | 32.2 | 31.6 | 31.2 | 31.0 | -.68 | -1.02 | -1.22 | -.35 | -.54 |
| 18:00 | 31.2 | 30.8 | 30.5 | 30.4 | -.40 | -.71 | -.78 | -.31 | -.37 |
| 19:00 | 29.0 | 29.8 | 29.9 | 30.0 | .75 | .88 | .99 | .13 | .23 |
| 20:00 | 26.3 | 27.8 | 28.4 | 29.2 | 1.51 | 2.19 | 2.93 | .67 | 1.41 |
| 21:00 | 24.4 | 26.3 | 26.9 | 27.7 | 1.93 | 2.48 | 3.30 | .56 | 1.37 |
| 22:00 | 23.3 | 24.9 | 25.7 | 26.4 | 1.63 | 2.34 | 3.13 | .71 | 1.49 |
| 23:00 | 22.5 | 23.7 | 24.4 | 25.1 | 1.26 | 1.92 | 2.66 | .66 | 1.41 |
| Avg | 25.7 | 26.0 | 26.1 | 26.4 | .31 | .43 | .73 | .12 | .42 |
| Max | 32.7 | 31.6 | 31.3 | 31.3 | 1.93 | 2.48 | 3.30 | .71 | 1.49 |
| Hr. of Max | 14 | 17 | 16 | 16 | 21 | 21 | 21 | 22 | 22 |
| Min | 18.9 | 20.0 | 20.4 | 21.1 | -1.10 | -1.40 | -1.52 | -.35 | -.54 |
| 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)

6/15/2015

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 | 19.8 | 20.7 | 20.3 | 26.8 | 92.5 | 92.7 | 17.0 | 18.0 | 0.014898 |
| 01:00 | 19.4 | 20.9 | 19.9 | 26.6 | 93.2 | 95.7 | 16.6 | 18.2 | 0.014494 |
| 02:00 | 18.9 | 20.6 | 19.4 | 26.3 | 93.7 | 97.2 | 16.2 | 17.9 | 0.014087 |
| 03:00 | 18.5 | 20.3 | 19.0 | 26.1 | 94.1 | 98.1 | 15.8 | 17.5 | 0.013753 |
| 04:00 | 18.1 | 20.0 | 18.6 | 25.8 | 94.3 | 98.7 | 15.5 | 17.3 | 0.013401 |
| 05:00 | 17.9 | 19.8 | 18.3 | 25.5 | 94.2 | 98.6 | 15.2 | 17.1 | 0.013162 |
| 06:00 | 17.7 | 19.4 | 18.1 | 25.3 | 94.4 | 98.6 | 15.0 | 16.7 | 0.012997 |
| 07:00 | 18.9 | 19.5 | 19.4 | 25.1 | 93.2 | 96.0 | 16.2 | 16.8 | 0.014085 |
| 08:00 | 19.6 | 19.1 | 20.9 | 24.9 | 81.3 | 79.6 | 16.8 | 16.2 | 0.014759 |
| 09:00 | 19.4 | 18.7 | 21.6 | 24.8 | 67.9 | 67.2 | 16.4 | 15.7 | 0.014527 |
| 10:00 | 19.3 | 18.6 | 22.2 | 24.8 | 60.7 | 60.0 | 16.2 | 15.5 | 0.014478 |
| 11:00 | 19.8 | 19.2 | 23.1 | 25.1 | 57.0 | 57.6 | 16.7 | 16.1 | 0.014989 |
| 12:00 | 19.7 | 19.1 | 23.5 | 25.8 | 52.6 | 53.3 | 16.6 | 16.0 | 0.014965 |
| 13:00 | 19.2 | 18.6 | 23.4 | 26.7 | 48.7 | 49.9 | 16.0 | 15.5 | 0.014467 |
| 14:00 | 18.6 | 18.0 | 23.3 | 27.5 | 44.6 | 45.8 | 15.3 | 14.9 | 0.013927 |
| 15:00 | 18.8 | 18.3 | 23.3 | 27.9 | 46.3 | 46.9 | 15.6 | 15.1 | 0.01415 |
| 16:00 | 19.6 | 19.0 | 23.7 | 28.1 | 49.7 | 49.2 | 16.4 | 15.8 | 0.014868 |
| 17:00 | 19.4 | 19.0 | 23.7 | 28.2 | 48.4 | 48.9 | 16.2 | 15.8 | 0.01474 |
| 18:00 | 18.4 | 18.1 | 22.7 | 28.4 | 48.1 | 48.2 | 15.3 | 15.0 | 0.013802 |
| 19:00 | 20.5 | 19.1 | 23.3 | 28.4 | 61.9 | 54.1 | 17.4 | 15.9 | 0.015673 |
| 20:00 | 20.8 | 19.8 | 22.6 | 28.4 | 73.8 | 63.6 | 17.8 | 16.7 | 0.015922 |
| 21:00 | 20.1 | 20.2 | 21.6 | 28.2 | 79.1 | 71.0 | 17.2 | 17.2 | 0.015281 |
| 22:00 | 20.2 | 20.8 | 21.2 | 28.0 | 84.7 | 79.8 | 17.3 | 17.9 | 0.0153 |
| 23:00 | 20.2 | 21.1 | 21.0 | 27.7 | 89.3 | 87.5 | 17.4 | 18.3 | 0.015327 |
| Avg | 19.3 | 19.5 | 21.4 | 26.7 | 72.7 | 72.4 | 16.3 | 16.5 | 0.014502 |
| Max | 20.8 | 21.1 | 23.7 | 28.4 | 94.4 | 98.7 | 17.8 | 18.3 | 0.015922 |
| Hr. of Max | 20 | 23 | 17 | 20 | 06 | 04 | 20 | 23 | 20 |
| Min | 17.7 | 18.0 | 18.1 | 24.8 | 44.6 | 45.8 | 15.0 | 14.9 | 0.012997 |
| 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)

6/15/2015

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 | 0.015834 | 23.1 | 24.6 | .00 | 29.22 | 989.5 | -2.4 | .00 | 283.8 |
| 01:00 | 0.015954 | 22.5 | 24.7 | .00 | 29.22 | 989.5 | -1.4 | .00 | 284.0 |
| 02:00 | 0.015661 | 21.9 | 24.3 | .00 | 29.21 | 989.4 | -2.9 | .00 | 255.6 |
| 03:00 | 0.015341 | 21.4 | 23.8 | .00 | 29.21 | 989.2 | -2.4 | .00 | 244.4 |
| 04:00 | 0.015113 | 20.9 | 23.5 | .00 | 29.21 | 989.3 | -1.3 | .00 | 251.8 |
| 05:00 | 0.014896 | 20.5 | 23.1 | .00 | 29.22 | 989.5 | -3.2 | .00 | 2.0 |
| 06:00 | 0.01452 | 20.3 | 22.6 | .00 | 29.22 | 989.7 | 9.2 | .01 | 243.6 |
| 07:00 | 0.014654 | 21.9 | 22.8 | .00 | 29.24 | 990.1 | 118.9 | .17 | 236.8 |
| 08:00 | 0.014232 | 23.0 | 22.2 | .00 | 29.25 | 990.5 | 362.2 | .52 | 207.8 |
| 09:00 | 0.013924 | 22.6 | 21.7 | .00 | 29.25 | 990.6 | 557.7 | .80 | 211.4 |
| 10:00 | 0.013845 | 22.5 | 21.6 | .00 | 29.25 | 990.6 | 737.9 | 1.06 | 196.0 |
| 11:00 | 0.014402 | 23.3 | 22.4 | .00 | 29.25 | 990.6 | 876.1 | 1.26 | 265.7 |
| 12:00 | 0.014359 | 23.3 | 22.3 | .00 | 29.24 | 990.4 | 971.4 | 1.39 | 235.4 |
| 13:00 | 0.013928 | 22.5 | 21.7 | .00 | 29.23 | 989.9 | 981.8 | 1.41 | 227.6 |
| 14:00 | 0.013455 | 21.7 | 20.9 | .00 | 29.21 | 989.2 | 968.2 | 1.39 | 226.1 |
| 15:00 | 0.013672 | 22.0 | 21.3 | .00 | 29.19 | 988.6 | 630.0 | .90 | 265.0 |
| 16:00 | 0.014329 | 23.1 | 22.3 | .00 | 29.18 | 988.2 | 411.1 | .59 | 251.2 |
| 17:00 | 0.01434 | 22.9 | 22.3 | .00 | 29.16 | 987.6 | 475.7 | .68 | 237.3 |
| 18:00 | 0.013517 | 21.4 | 21.0 | .00 | 29.15 | 987.3 | 330.2 | .47 | 228.3 |
| 19:00 | 0.014347 | 24.3 | 22.3 | .00 | 29.15 | 987.0 | 185.8 | .27 | 266.4 |
| 20:00 | 0.014976 | 24.6 | 23.2 | .00 | 29.15 | 987.0 | 22.9 | .03 | 287.3 |
| 21:00 | 0.01538 | 23.7 | 23.8 | .00 | 29.16 | 987.4 | -1.8 | .00 | 308.7 |
| 22:00 | 0.015908 | 23.7 | 24.6 | .00 | 29.18 | 988.2 | -2.3 | .00 | 298.5 |
| 23:00 | 0.016217 | 23.8 | 25.1 | .00 | 29.20 | 988.9 | -2.2 | .00 | 259.3 |
| Avg | 0.0147 | 22.5 | 22.8 | .00 | 29.21 | 989.1 | 317.5 | .46 | 253.0 |
| Max | 0.016217 | 24.6 | 25.1 | .00 | 29.25 | 990.6 | 981.8 | 1.41 | 308.7 |
| Hr. of Max | 23 | 20 | 23 | 23 | 11 | 11 | 13 | 13 | 21 |
| Min | 0.013455 | 20.3 | 20.9 | .00 | 29.15 | 987.0 | -3.2 | .00 | 2.0 |
| 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)

6/15/2015

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 | 239.7 | 199.4 | 283.6 | 212.3 | 23.0 | 11.1 | 13.8 | .7 | 1.5 |
| 01:00 | 353.1 | 271.4 | 280.5 | 273.2 | 34.5 | 43.7 | 18.1 | .8 | .2 |
| 02:00 | 229.1 | 239.1 | 258.7 | 240.7 | 21.1 | 10.0 | 8.3 | .8 | 2.3 |
| 03:00 | 242.8 | 207.9 | 247.0 | 209.9 | 14.9 | 9.0 | 12.8 | 1.7 | 2.4 |
| 04:00 | 127.7 | 240.6 | 254.1 | 243.4 | 37.8 | 42.8 | 20.5 | .3 | .0 |
| 05:00 | 79.4 | 180.7 | 303.8 | 223.1 | 51.6 | 57.0 | 44.6 | .3 | .1 |
| 06:00 | 320.0 | 259.2 | 248.2 | 262.2 | 37.3 | 43.2 | 12.2 | .6 | .3 |
| 07:00 | 189.6 | 245.4 | 243.1 | 247.4 | 44.6 | 30.3 | 12.8 | .4 | .4 |
| 08:00 | 231.1 | 237.0 | 216.4 | 239.1 | 30.2 | 40.2 | 17.3 | 1.6 | 1.8 |
| 09:00 | 227.2 | 234.4 | 218.8 | 236.1 | 27.6 | 24.3 | 22.4 | 2.6 | 3.0 |
| 10:00 | 206.6 | 206.9 | 199.2 | 208.0 | 34.5 | 26.2 | 19.3 | 2.3 | 2.8 |
| 11:00 | 275.1 | 271.7 | 270.1 | 269.5 | 53.5 | 38.1 | 32.2 | 2.1 | 3.0 |
| 12:00 | 241.4 | 242.6 | 240.5 | 243.3 | 49.7 | 37.9 | 38.4 | 3.2 | 3.9 |
| 13:00 | 245.6 | 245.9 | 234.9 | 247.3 | 41.7 | 38.7 | 37.8 | 3.3 | 3.7 |
| 14:00 | 243.0 | 238.6 | 228.7 | 239.8 | 43.7 | 39.8 | 35.7 | 3.0 | 3.6 |
| 15:00 | 279.7 | 281.5 | 271.3 | 281.1 | 47.7 | 37.2 | 34.2 | 2.5 | 3.3 |
| 16:00 | 256.2 | 253.3 | 254.9 | 254.6 | 29.4 | 22.5 | 18.0 | 2.4 | 3.7 |
| 17:00 | 240.2 | 238.7 | 242.5 | 240.5 | 22.7 | 18.4 | 14.2 | 4.6 | 6.5 |
| 18:00 | 235.8 | 236.5 | 232.7 | 238.4 | 23.7 | 16.5 | 13.1 | 3.1 | 4.4 |
| 19:00 | 243.5 | 224.4 | 266.5 | 226.7 | 24.5 | 13.8 | 9.2 | 1.3 | 2.5 |
| 20:00 | 237.4 | 211.9 | 288.7 | 214.0 | 14.4 | 9.7 | 7.6 | 1.1 | 1.5 |
| 21:00 | 214.5 | 207.4 | 306.2 | 214.2 | 17.4 | 38.1 | 19.2 | .5 | .4 |
| 22:00 | 298.1 | 202.3 | 293.4 | 232.5 | 22.0 | 25.7 | 25.7 | .4 | .2 |
| 23:00 | 232.0 | 250.2 | 259.3 | 246.0 | 14.2 | 48.4 | 10.7 | .8 | 1.2 |
| Avg | 242.0 | 234.0 | 255.0 | 239.0 | 31.7 | 30.1 | 20.8 | .0 | .0 |
| Max | 353.1 | 281.5 | 306.2 | 281.1 | 53.5 | 57.0 | 44.6 | 4.6 | 6.5 |
| Hr. of Max | 01 | 15 | 21 | 15 | 11 | 05 | 05 | 17 | 17 |
| Min | 79.4 | 180.7 | 199.2 | 208.0 | 14.2 | 9.0 | 7.6 | .3 | .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)

6/15/2015

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 | 1.0 | .8 | 1.5 | 1.1 | 1.2 | 1.3 | 2.6 | .8 | .05 |
| 01:00 | .9 | 1.0 | .5 | 1.0 | 1.4 | 1.3 | 1.1 | .3 | .02 |
| 02:00 | 2.5 | .9 | 2.4 | 2.5 | 1.3 | 2.8 | .2 | 1.9 | -.01 |
| 03:00 | 2.3 | 1.8 | 2.5 | 2.4 | 2.2 | 2.8 | -.4 | .4 | -.04 |
| 04:00 | .7 | .4 | .0 | .9 | .9 | 1.2 | 1.1 | 1.9 | .02 |
| 05:00 | .3 | .5 | .2 | .4 | .9 | .9 | 2.1 | -.7 | .03 |
| 06:00 | 1.1 | .7 | .3 | 1.2 | 1.2 | 1.5 | 1.0 | 1.8 | .01 |
| 07:00 | 1.5 | .4 | .7 | 1.6 | .9 | 1.9 | 1.9 | -.1 | .03 |
| 08:00 | 2.3 | 1.7 | 1.9 | 2.4 | 2.2 | 2.8 | .6 | -2.6 | -.09 |
| 09:00 | 3.2 | 2.9 | 3.3 | 3.5 | 3.4 | 4.0 | -1.5 | -1.9 | -.18 |
| 10:00 | 3.1 | 2.6 | 3.0 | 3.3 | 3.2 | 3.8 | 1.6 | -4.7 | -.01 |
| 11:00 | 3.3 | 3.4 | 3.9 | 3.9 | 3.7 | 4.5 | -1.5 | -4.9 | -.25 |
| 12:00 | 4.3 | 4.1 | 4.6 | 5.0 | 4.7 | 5.8 | 1.8 | 5.0 | -.02 |
| 13:00 | 3.9 | 3.9 | 4.2 | 4.5 | 4.6 | 5.3 | -1.0 | -2.4 | -.14 |
| 14:00 | 4.1 | 3.5 | 4.3 | 4.7 | 4.3 | 5.4 | -.6 | 3.2 | -.14 |
| 15:00 | 3.6 | 3.3 | 4.2 | 4.6 | 3.8 | 5.1 | -.5 | -3.5 | -.13 |
| 16:00 | 4.8 | 2.8 | 4.0 | 5.0 | 3.2 | 5.4 | 1.8 | 4.0 | -.04 |
| 17:00 | 7.5 | 4.9 | 6.7 | 7.7 | 5.5 | 8.4 | .4 | 1.4 | -.21 |
| 18:00 | 5.1 | 3.3 | 4.5 | 5.2 | 3.8 | 5.6 | 4.8 | 2.0 | .04 |
| 19:00 | 2.9 | 1.5 | 2.5 | 3.0 | 1.9 | 3.3 | -1.0 | .0 | -.11 |
| 20:00 | 2.2 | 1.2 | 1.6 | 2.2 | 1.4 | 2.5 | 1.4 | -.1 | .03 |
| 21:00 | .5 | .5 | .4 | .6 | .9 | 1.0 | .6 | .6 | .01 |
| 22:00 | .2 | .4 | .7 | .2 | .8 | .5 | -.5 | -.1 | -.01 |
| 23:00 | 1.1 | .8 | 1.2 | 1.2 | 1.2 | 1.5 | 1.0 | 2.1 | .02 |
| Avg | .0 | 2.0 | 2.5 | 2.8 | 2.4 | 3.3 | .7 | .2 | -.05 |
| Max | 7.5 | 4.9 | 6.7 | 7.7 | 5.5 | 8.4 | 4.8 | 5.0 | .05 |
| Hr. of Max | 17 | 17 | 17 | 17 | 17 | 17 | 18 | 12 | 00 |
| Min | .2 | .4 | .0 | .2 | .8 | .5 | -1.5 | -4.9 | -.25 |
| 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)

6/15/2015

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 | .02 | 2.3 | 4.4 | 3.4 | 2.8 | 2.7 | 8.7 | 5.5 |
| 01:00 | .01 | 2.7 | 2.3 | 3.7 | 3.2 | 3.9 | 4.8 | 5.5 |
| 02:00 | .10 | 3.4 | 4.4 | 6.9 | 3.0 | 5.0 | 7.3 | 2.8 |
| 03:00 | .01 | 3.2 | 7.8 | 9.4 | 3.7 | 5.0 | 4.6 | 4.2 |
| 04:00 | .04 | 1.6 | .0 | 2.1 | 2.5 | 2.1 | 4.9 | 6.3 |
| 05:00 | .00 | 2.5 | 1.4 | 1.6 | 3.1 | 1.9 | 6.7 | 9.4 |
| 06:00 | .04 | 4.4 | 1.6 | 3.0 | 3.3 | 2.4 | 5.8 | 5.6 |
| 07:00 | -.01 | 1.8 | 2.3 | 3.2 | 2.2 | 3.6 | 14.2 | 5.8 |
| 08:00 | -.22 | 4.1 | 5.0 | 6.0 | 5.9 | 7.0 | 22.2 | 15.4 |
| 09:00 | -.25 | 6.9 | 7.3 | 7.6 | 7.8 | 9.7 | 18.9 | 19.1 |
| 10:00 | -.42 | 6.9 | 7.6 | 7.1 | 7.2 | 8.0 | 24.4 | 24.3 |
| 11:00 | -.50 | 10.8 | 9.8 | 11.7 | 10.8 | 11.7 | 24.8 | 25.2 |
| 12:00 | .24 | 12.4 | 11.7 | 11.9 | 13.2 | 14.2 | 23.0 | 25.0 |
| 13:00 | -.35 | 12.8 | 12.6 | 13.5 | 15.4 | 15.3 | 23.1 | 25.0 |
| 14:00 | .14 | 10.5 | 11.9 | 11.4 | 11.3 | 12.7 | 23.8 | 24.8 |
| 15:00 | -.30 | 11.0 | 10.1 | 11.2 | 11.9 | 12.5 | 21.9 | 19.3 |
| 16:00 | .27 | 8.0 | 10.8 | 8.7 | 9.4 | 9.1 | 21.5 | 15.7 |
| 17:00 | .00 | 12.8 | 14.0 | 14.9 | 14.9 | 16.3 | 17.9 | 12.0 |
| 18:00 | .02 | 18.5 | 19.0 | 17.9 | 10.0 | 11.1 | 21.0 | 12.6 |
| 19:00 | -.02 | 3.4 | 4.6 | 5.0 | 4.5 | 5.3 | 13.1 | 7.6 |
| 20:00 | .00 | 2.3 | 3.0 | 3.9 | 2.5 | 3.6 | 6.5 | 3.0 |
| 21:00 | .01 | 1.6 | 2.7 | 3.7 | 2.1 | 2.2 | 7.2 | 7.5 |
| 22:00 | .00 | 1.8 | 1.8 | 1.6 | 2.0 | 1.3 | 7.2 | 7.1 |
| 23:00 | .07 | 2.1 | 3.2 | 3.2 | 2.5 | 3.7 | 5.3 | 6.5 |
| Avg | -.05 | 6.2 | 6.6 | 7.2 | 6.5 | 7.1 | 14.1 | 12.3 |
| Max | .27 | 18.5 | 19.0 | 17.9 | 15.4 | 16.3 | 24.8 | 25.2 |
| Hr. of Max | 16 | 18 | 18 | 18 | 13 | 17 | 11 | 11 |
| Min | -.50 | 1.6 | .0 | 1.6 | 2.0 | 1.3 | 4.6 | 2.8 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |