Date Printed: 11/4/2017 01:20

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

11/3/2017

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 | 15.6 | 16.5 | 16.8 | 17.5 | 60.1 | 61.7 | 62.2 | 63.6 | .86 |
| 01:00 | 15.4 | 16.4 | 17.2 | 17.9 | 59.7 | 61.5 | 63.0 | 64.2 | 1.01 |
| 02:00 | 15.4 | 16.3 | 17.4 | 17.7 | 59.7 | 61.3 | 63.4 | 63.9 | .87 |
| 03:00 | 15.4 | 16.2 | 16.6 | 17.0 | 59.8 | 61.1 | 61.8 | 62.5 | .71 |
| 04:00 | 15.7 | 16.1 | 16.2 | 16.5 | 60.2 | 61.0 | 61.2 | 61.6 | .47 |
| 05:00 | 15.5 | 15.8 | 16.0 | 16.2 | 60.0 | 60.5 | 60.8 | 61.2 | .29 |
| 06:00 | 15.6 | 15.9 | 16.0 | 16.1 | 60.1 | 60.7 | 60.8 | 61.1 | .33 |
| 07:00 | 15.6 | 15.9 | 15.9 | 16.1 | 60.1 | 60.6 | 60.7 | 60.9 | .24 |
| 08:00 | 15.8 | 16.0 | 16.0 | 16.1 | 60.4 | 60.9 | 60.8 | 61.0 | .26 |
| 09:00 | 16.2 | 16.3 | 16.1 | 16.1 | 61.2 | 61.3 | 61.0 | 61.0 | .04 |
| 10:00 | 17.3 | 17.1 | 16.9 | 16.8 | 63.1 | 62.8 | 62.4 | 62.2 | -.18 |
| 11:00 | 18.6 | 18.3 | 18.1 | 17.9 | 65.5 | 65.0 | 64.6 | 64.3 | -.29 |
| 12:00 | 18.9 | 18.7 | 18.5 | 18.4 | 66.0 | 65.6 | 65.3 | 65.1 | -.20 |
| 13:00 | 19.6 | 19.2 | 19.0 | 18.9 | 67.3 | 66.6 | 66.2 | 65.9 | -.37 |
| 14:00 | 20.7 | 20.4 | 20.2 | 20.0 | 69.2 | 68.7 | 68.3 | 67.9 | -.27 |
| 15:00 | 21.4 | 21.1 | 20.9 | 20.7 | 70.5 | 70.0 | 69.6 | 69.3 | -.26 |
| 16:00 | 19.7 | 19.7 | 19.6 | 19.6 | 67.4 | 67.5 | 67.3 | 67.3 | .04 |
| 17:00 | 19.3 | 19.3 | 19.1 | 19.1 | 66.8 | 66.7 | 66.4 | 66.4 | -.04 |
| 18:00 | 18.9 | 19.1 | 19.1 | 19.3 | 66.0 | 66.3 | 66.4 | 66.7 | .18 |
| 19:00 | 18.3 | 18.7 | 18.7 | 19.0 | 65.0 | 65.7 | 65.6 | 66.1 | .39 |
| 20:00 | 18.0 | 18.3 | 18.3 | 18.4 | 64.3 | 65.0 | 64.9 | 65.2 | .36 |
| 21:00 | 17.8 | 18.2 | 18.1 | 18.2 | 64.0 | 64.7 | 64.6 | 64.7 | .41 |
| 22:00 | 17.6 | 18.1 | 18.0 | 18.1 | 63.7 | 64.5 | 64.4 | 64.5 | .45 |
| 23:00 | 17.5 | 17.9 | 17.8 | 17.9 | 63.5 | 64.2 | 64.1 | 64.2 | .42 |
| Avg | 17.5 | 17.7 | 17.8 | 17.9 | 63.5 | 63.9 | 64.0 | 64.2 | .24 |
| Max | 21.4 | 21.1 | 20.9 | 20.7 | 70.5 | 70.0 | 69.6 | 69.3 | 1.01 |
| Hr. of Max | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 01 |
| Min | 15.4 | 15.8 | 15.9 | 16.1 | 59.7 | 60.5 | 60.7 | 60.9 | -.37 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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Managed by UT-Battelle for the Department of Energy

# Daily Summary Report

Site: Tower "D" (1000 Area)

11/3/2017

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 | 1.13 | 1.90 | .28 | 1.04 | 14.6 | 16.0 | 16.2 | 14.8 | 95.2 |
| 01:00 | 1.85 | 2.52 | .84 | 1.51 | 14.5 | 16.0 | 16.2 | 14.8 | 95.9 |
| 02:00 | 2.04 | 2.31 | 1.18 | 1.45 | 14.6 | 15.9 | 16.0 | 14.8 | 96.9 |
| 03:00 | 1.12 | 1.52 | .41 | .80 | 15.0 | 15.8 | 15.9 | 14.9 | 98.7 |
| 04:00 | .60 | .82 | .13 | .35 | 15.2 | 15.8 | 15.9 | 14.9 | 99.1 |
| 05:00 | .48 | .67 | .18 | .37 | 15.1 | 15.6 | 15.7 | 14.9 | 99.2 |
| 06:00 | .42 | .55 | .08 | .21 | 15.2 | 15.7 | 15.8 | 14.9 | 99.4 |
| 07:00 | .29 | .44 | .06 | .20 | 15.3 | 15.6 | 15.7 | 15.0 | 99.6 |
| 08:00 | .20 | .34 | -.07 | .07 | 15.5 | 15.8 | 15.9 | 15.0 | 99.7 |
| 09:00 | -.09 | -.09 | -.13 | -.13 | 15.9 | 16.0 | 16.1 | 15.0 | 99.8 |
| 10:00 | -.39 | -.48 | -.22 | -.31 | 16.3 | 16.7 | 16.8 | 15.0 | 95.9 |
| 11:00 | -.53 | -.68 | -.23 | -.38 | 16.1 | 16.4 | 17.0 | 15.1 | 87.0 |
| 12:00 | -.41 | -.52 | -.21 | -.32 | 16.5 | 17.0 | 17.6 | 15.2 | 88.0 |
| 13:00 | -.61 | -.74 | -.24 | -.37 | 17.4 | 17.7 | 18.2 | 15.2 | 88.9 |
| 14:00 | -.51 | -.71 | -.24 | -.44 | 17.5 | 17.7 | 18.6 | 15.4 | 83.6 |
| 15:00 | -.51 | -.66 | -.25 | -.40 | 17.7 | 17.9 | 19.0 | 15.5 | 81.4 |
| 16:00 | -.10 | -.07 | -.13 | -.10 | 18.3 | 18.7 | 19.1 | 15.6 | 93.7 |
| 17:00 | -.21 | -.22 | -.17 | -.18 | 18.4 | 18.9 | 19.1 | 15.8 | 96.6 |
| 18:00 | .19 | .40 | .01 | .22 | 18.3 | 18.7 | 18.9 | 15.9 | 98.7 |
| 19:00 | .37 | .64 | -.02 | .25 | 17.9 | 18.4 | 18.5 | 16.0 | 99.3 |
| 20:00 | .33 | .47 | -.03 | .11 | 17.6 | 18.1 | 18.2 | 16.0 | 99.6 |
| 21:00 | .36 | .44 | -.06 | .03 | 17.4 | 17.9 | 18.0 | 16.0 | 99.8 |
| 22:00 | .41 | .45 | -.05 | -.01 | 17.3 | 17.8 | 17.9 | 16.1 | 99.8 |
| 23:00 | .33 | .39 | -.09 | -.03 | 17.2 | 17.7 | 17.7 | 16.1 | 99.9 |
| Avg | .28 | .40 | .04 | .16 | 16.5 | 17.0 | 17.3 | 15.3 | 95.7 |
| Max | 2.04 | 2.52 | 1.18 | 1.51 | 18.4 | 18.9 | 19.1 | 16.1 | 99.9 |
| Hr. of Max | 02 | 01 | 02 | 01 | 17 | 17 | 17 | 23 | 23 |
| Min | -.61 | -.74 | -.25 | -.44 | 14.5 | 15.6 | 15.7 | 14.8 | 81.4 |
| 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)

11/3/2017

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 | 98.9 | 12.5 | 13.6 | 0.010637 | 0.011671 | 16.6 | 18.2 | .00 | 29.24 |
| 01:00 | 99.5 | 12.4 | 13.7 | 0.01056 | 0.011683 | 16.5 | 18.3 | .00 | 29.24 |
| 02:00 | 99.5 | 12.5 | 13.5 | 0.010657 | 0.011569 | 16.7 | 18.1 | .00 | 29.24 |
| 03:00 | 99.8 | 12.8 | 13.5 | 0.010892 | 0.011537 | 17.0 | 18.0 | .02 | 29.24 |
| 04:00 | 99.9 | 13.0 | 13.5 | 0.011091 | 0.011521 | 17.3 | 18.0 | .00 | 29.23 |
| 05:00 | 100.1 | 12.9 | 13.3 | 0.011025 | 0.011334 | 17.2 | 17.7 | .00 | 29.23 |
| 06:00 | 100.1 | 13.0 | 13.4 | 0.01109 | 0.011407 | 17.3 | 17.8 | .02 | 29.23 |
| 07:00 | 100.3 | 13.1 | 13.3 | 0.011131 | 0.011384 | 17.4 | 17.8 | .00 | 29.24 |
| 08:00 | 100.3 | 13.2 | 13.5 | 0.011247 | 0.011504 | 17.6 | 18.0 | .00 | 29.25 |
| 09:00 | 100.2 | 13.6 | 13.7 | 0.011582 | 0.011663 | 18.1 | 18.2 | .00 | 29.26 |
| 10:00 | 99.4 | 13.9 | 14.2 | 0.011883 | 0.012185 | 18.6 | 19.0 | .00 | 29.26 |
| 11:00 | 90.3 | 13.6 | 13.9 | 0.011747 | 0.01197 | 18.4 | 18.7 | .00 | 29.26 |
| 12:00 | 91.8 | 14.0 | 14.4 | 0.012083 | 0.012446 | 18.9 | 19.4 | .02 | 29.25 |
| 13:00 | 92.9 | 14.7 | 15.1 | 0.01278 | 0.013048 | 19.9 | 20.3 | .00 | 29.22 |
| 14:00 | 86.2 | 14.8 | 15.0 | 0.012853 | 0.013031 | 20.0 | 20.3 | .00 | 29.20 |
| 15:00 | 83.4 | 15.0 | 15.1 | 0.013093 | 0.013201 | 20.4 | 20.5 | .00 | 29.19 |
| 16:00 | 96.3 | 15.6 | 16.0 | 0.013528 | 0.01394 | 21.0 | 21.7 | .20 | 29.19 |
| 17:00 | 100.1 | 15.7 | 16.3 | 0.013663 | 0.014114 | 21.2 | 21.9 | .00 | 29.19 |
| 18:00 | 100.2 | 15.7 | 16.1 | 0.013589 | 0.013944 | 21.1 | 21.7 | .00 | 29.20 |
| 19:00 | 100.4 | 15.3 | 15.8 | 0.013179 | 0.013655 | 20.5 | 21.2 | .00 | 29.21 |
| 20:00 | 100.6 | 15.0 | 15.5 | 0.012929 | 0.013352 | 20.1 | 20.8 | .00 | 29.21 |
| 21:00 | 100.6 | 14.8 | 15.3 | 0.012779 | 0.01322 | 19.9 | 20.6 | .00 | 29.20 |
| 22:00 | 100.5 | 14.7 | 15.2 | 0.012675 | 0.013127 | 19.8 | 20.4 | .00 | 29.21 |
| 23:00 | 100.5 | 14.6 | 15.1 | 0.012579 | 0.012991 | 19.6 | 20.2 | .00 | 29.22 |
| Avg | 97.6 | 14.0 | 14.5 | 0.012053 | 0.012479 | 18.8 | 19.5 | .01 | 29.23 |
| Max | 100.6 | 15.7 | 16.3 | 0.013663 | 0.014114 | 21.2 | 21.9 | .20 | 29.26 |
| Hr. of Max | 21 | 18 | 17 | 17 | 17 | 17 | 17 | 16 | 11 |
| Min | 83.4 | 12.4 | 13.3 | 0.01056 | 0.011334 | 16.5 | 17.7 | .00 | 29.19 |
| 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)

11/3/2017

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 | 990.1 | -1.3 | 219.6 | 214.4 | 269.8 | 209.2 | 58.2 | 19.9 | 60.9 |
| 01:00 | 990.2 | -1.3 | 275.2 | 210.6 | 269.9 | 206.3 | 25.3 | 9.2 | 66.4 |
| 02:00 | 990.2 | -1.3 | 253.3 | 239.8 | 223.7 | 235.3 | 13.5 | 6.5 | 25.7 |
| 03:00 | 990.1 | -1.3 | 228.5 | 252.8 | 228.7 | 248.5 | 28.9 | 13.1 | 45.4 |
| 04:00 | 990.0 | -1.3 | 217.0 | 206.8 | 233.4 | 202.7 | 18.4 | 11.1 | 28.8 |
| 05:00 | 990.0 | -1.3 | 254.5 | 229.7 | 250.9 | 225.4 | 48.0 | 18.8 | 60.2 |
| 06:00 | 990.0 | -1.3 | 34.8 | 269.6 | 15.6 | 265.1 | 63.7 | 44.9 | 64.2 |
| 07:00 | 990.2 | -1.2 | 59.0 | 70.9 | 41.9 | 61.0 | 29.4 | 46.7 | 44.0 |
| 08:00 | 990.4 | 7.8 | 61.8 | 68.0 | 42.0 | 58.3 | 23.0 | 16.9 | 44.2 |
| 09:00 | 990.7 | 46.3 | 83.9 | 81.1 | 84.9 | 73.6 | 32.5 | 12.8 | 39.3 |
| 10:00 | 990.8 | 183.6 | 234.4 | 136.2 | 243.3 | 140.6 | 46.1 | 33.6 | 62.8 |
| 11:00 | 990.8 | 287.9 | 233.9 | 229.3 | 223.6 | 226.9 | 40.5 | 40.1 | 42.1 |
| 12:00 | 990.4 | 298.6 | 220.9 | 218.5 | 232.1 | 213.9 | 44.6 | 36.8 | 54.5 |
| 13:00 | 989.7 | 301.8 | 275.9 | 271.9 | 269.2 | 265.7 | 41.1 | 37.5 | 43.9 |
| 14:00 | 988.9 | 334.6 | 236.2 | 235.0 | 221.9 | 231.3 | 38.5 | 34.7 | 51.8 |
| 15:00 | 988.4 | 233.3 | 219.9 | 215.9 | 208.6 | 211.0 | 24.5 | 21.1 | 30.0 |
| 16:00 | 988.4 | 84.7 | 11.3 | 357.0 | 36.4 | 342.7 | 36.1 | 35.2 | 44.9 |
| 17:00 | 988.6 | 66.7 | 60.9 | 45.7 | 53.5 | 35.7 | 21.7 | 27.2 | 27.8 |
| 18:00 | 988.8 | 5.2 | 45.0 | 20.7 | 25.9 | 7.5 | 23.3 | 25.8 | 26.4 |
| 19:00 | 989.1 | -1.3 | 68.8 | 43.2 | 46.6 | 35.0 | 24.5 | 24.7 | 39.0 |
| 20:00 | 989.1 | -1.3 | 61.4 | 62.4 | 41.7 | 53.0 | 16.1 | 12.3 | 32.1 |
| 21:00 | 989.0 | -1.3 | 76.8 | 66.1 | 68.0 | 57.3 | 13.7 | 10.6 | 32.0 |
| 22:00 | 989.3 | -1.3 | 58.0 | 67.3 | 29.2 | 59.0 | 9.0 | 8.9 | 16.1 |
| 23:00 | 989.4 | -1.3 | 57.4 | 60.0 | 48.7 | 51.0 | 14.4 | 8.2 | 32.0 |
| Avg | 989.7 | 76.4 | 347.0 | 180.0 | 324.0 | 213.0 | 30.6 | 23.2 | 42.3 |
| Max | 990.8 | 334.6 | 275.9 | 357.0 | 269.9 | 342.7 | 63.7 | 46.7 | 66.4 |
| Hr. of Max | 11 | 14 | 13 | 16 | 01 | 16 | 06 | 07 | 01 |
| Min | 988.4 | -1.3 | 11.3 | 20.7 | 15.6 | 7.5 | 9.0 | 6.5 | 16.1 |
| 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)

11/3/2017

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 | 21.1 | .1 | 1.2 | .2 | 1.3 | .9 | 1.6 | 2.8 | .6 |
| 01:00 | 9.6 | .8 | 3.4 | .3 | 3.5 | .6 | 3.7 | 2.5 | -.3 |
| 02:00 | 6.5 | 2.2 | 4.1 | 2.3 | 4.2 | 1.6 | 4.4 | .9 | .9 |
| 03:00 | 13.4 | 1.1 | 3.2 | 1.6 | 3.5 | 1.1 | 3.6 | 1.1 | 2.2 |
| 04:00 | 11.3 | 2.8 | 4.7 | 3.0 | 4.8 | 1.9 | 5.0 | -.4 | .0 |
| 05:00 | 19.5 | 1.3 | 2.5 | 1.5 | 2.7 | 1.1 | 2.9 | -1.8 | 1.0 |
| 06:00 | 47.4 | .2 | .8 | 1.2 | 1.6 | 1.4 | 1.9 | .5 | -.3 |
| 07:00 | 44.5 | 1.3 | 1.7 | 1.7 | 2.0 | 1.0 | 2.3 | .5 | .6 |
| 08:00 | 17.5 | 1.1 | 1.7 | 1.2 | 1.7 | 1.0 | 2.0 | -.3 | .4 |
| 09:00 | 14.0 | 1.3 | 1.9 | 1.4 | 2.0 | 1.0 | 2.3 | .3 | .4 |
| 10:00 | 37.6 | .2 | .2 | .9 | 1.2 | 1.1 | 1.5 | .1 | -6.3 |
| 11:00 | 41.9 | 2.7 | 3.1 | 3.1 | 3.4 | 2.9 | 3.8 | 3.4 | -2.4 |
| 12:00 | 38.6 | 1.6 | 1.9 | 2.6 | 3.2 | 2.5 | 3.6 | -5.9 | -5.0 |
| 13:00 | 36.0 | 3.1 | 3.6 | 3.6 | 4.2 | 3.1 | 4.5 | -2.8 | -6.6 |
| 14:00 | 35.5 | 2.9 | 3.4 | 3.1 | 3.8 | 2.9 | 4.2 | 2.1 | .8 |
| 15:00 | 20.7 | 3.7 | 4.2 | 4.1 | 4.6 | 3.7 | 4.9 | 4.8 | 1.6 |
| 16:00 | 34.1 | 1.3 | 1.4 | 3.7 | 4.2 | 2.9 | 4.5 | -.2 | .2 |
| 17:00 | 27.4 | 1.3 | 1.5 | 1.4 | 1.7 | 1.3 | 2.0 | .6 | 1.1 |
| 18:00 | 30.9 | 1.4 | 1.2 | 1.5 | 1.4 | 1.1 | 1.7 | -.5 | 5.5 |
| 19:00 | 24.9 | 1.3 | 1.4 | 1.5 | 2.3 | 1.2 | 2.5 | -.9 | 4.2 |
| 20:00 | 13.4 | 2.6 | 3.1 | 2.7 | 3.2 | 1.6 | 3.4 | -2.1 | -2.2 |
| 21:00 | 10.9 | 1.8 | 2.7 | 1.9 | 2.8 | 1.2 | 3.0 | -.2 | -1.3 |
| 22:00 | 8.9 | 2.8 | 3.3 | 2.8 | 3.3 | 1.7 | 3.5 | -6.1 | -1.1 |
| 23:00 | 8.4 | 2.4 | 3.6 | 2.5 | 3.7 | 1.4 | 3.9 | -2.6 | -1.4 |
| Avg | 23.9 | .0 | .0 | 2.1 | 2.9 | 1.7 | 3.2 | -.2 | -.3 |
| Max | 47.4 | 3.7 | 4.7 | 4.1 | 4.8 | 3.7 | 5.0 | 4.8 | 5.5 |
| Hr. of Max | 06 | 15 | 04 | 15 | 04 | 15 | 04 | 15 | 18 |
| Min | 6.5 | .1 | .2 | .2 | 1.2 | .6 | 1.5 | -6.1 | -6.6 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "D" (1000 Area)

11/3/2017

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 | .04 | .00 | 2.5 | 3.9 | 2.1 | 8.0 | 11.3 | 17.4 | 18.3 |
| 01:00 | .03 | -.03 | 2.7 | 6.4 | 1.8 | 8.0 | 5.2 | 17.3 | 18.6 |
| 02:00 | .01 | .06 | 4.4 | 8.5 | 3.7 | 5.1 | 3.2 | 17.1 | 18.4 |
| 03:00 | .03 | .15 | 6.9 | 9.6 | 6.3 | 13.4 | 7.6 | 17.1 | 17.8 |
| 04:00 | -.03 | -.01 | 7.3 | 9.6 | 4.6 | 9.2 | 5.3 | 17.1 | 17.2 |
| 05:00 | -.04 | .04 | 5.0 | 6.2 | 3.2 | 9.9 | 8.1 | 16.8 | 16.9 |
| 06:00 | -.01 | -.02 | 8.5 | 9.8 | 4.4 | 11.8 | 10.3 | 16.9 | 16.8 |
| 07:00 | -.01 | -.02 | 4.1 | 5.0 | 3.2 | 12.0 | 6.4 | 16.9 | 16.8 |
| 08:00 | -.03 | -.01 | 4.8 | 7.8 | 3.7 | 11.6 | 13.0 | 17.0 | 16.9 |
| 09:00 | .00 | -.04 | 3.7 | 6.0 | 2.9 | 14.3 | 9.5 | 17.3 | 16.9 |
| 10:00 | .02 | -.17 | 3.2 | 4.4 | 4.3 | 25.6 | 19.0 | 18.2 | 17.6 |
| 11:00 | .04 | -.23 | 8.5 | 9.4 | 8.9 | 22.7 | 18.9 | 19.3 | 18.6 |
| 12:00 | -.26 | -.25 | 11.9 | 14.0 | 6.9 | 24.9 | 22.5 | 19.7 | 19.1 |
| 13:00 | -.18 | -.52 | 8.9 | 9.6 | 9.2 | 22.2 | 17.0 | 20.3 | 19.7 |
| 14:00 | .05 | -.11 | 8.5 | 9.4 | 8.2 | 26.2 | 20.9 | 21.5 | 20.8 |
| 15:00 | .16 | -.02 | 9.2 | 9.6 | 9.3 | 21.9 | 16.8 | 22.2 | 21.5 |
| 16:00 | -.10 | .02 | 10.1 | 11.4 | 11.1 | 15.2 | 12.0 | 21.0 | 20.6 |
| 17:00 | .00 | .02 | 4.6 | 6.4 | 4.0 | 15.3 | 10.3 | 20.6 | 20.1 |
| 18:00 | -.03 | .18 | 3.4 | 4.4 | 3.0 | 13.2 | 14.3 | 20.3 | 20.3 |
| 19:00 | -.06 | .20 | 3.4 | 5.7 | 3.6 | 12.8 | 15.7 | 20.0 | 19.9 |
| 20:00 | -.12 | -.13 | 5.0 | 6.0 | 4.1 | 12.1 | 5.3 | 19.5 | 19.4 |
| 21:00 | -.02 | -.07 | 3.9 | 5.3 | 3.0 | 10.8 | 6.6 | 19.4 | 19.1 |
| 22:00 | -.21 | -.08 | 5.5 | 5.5 | 4.1 | 8.8 | 6.3 | 19.2 | 19.0 |
| 23:00 | -.12 | -.10 | 5.5 | 6.9 | 4.2 | 12.5 | 6.0 | 19.1 | 18.8 |
| Avg | -.04 | -.05 | 5.9 | 7.5 | 5.0 | 14.5 | 11.3 | 18.8 | 18.7 |
| Max | .16 | .20 | 11.9 | 14.0 | 11.1 | 26.2 | 22.5 | 22.2 | 21.5 |
| Hr. of Max | 15 | 19 | 12 | 12 | 16 | 14 | 12 | 15 | 15 |
| Min | -.26 | -.52 | 2.5 | 3.9 | 1.8 | 5.1 | 3.2 | 16.8 | 16.8 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |