Date Printed: 11/3/2017 01:20

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

11/2/2017

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 | 11.2 | 12.1 | 12.4 | 13.1 | 52.2 | 53.7 | 54.3 | 55.6 | .83 |
| 01:00 | 10.6 | 11.7 | 12.0 | 12.6 | 51.1 | 53.0 | 53.7 | 54.7 | 1.05 |
| 02:00 | 10.9 | 11.7 | 11.9 | 12.3 | 51.7 | 53.1 | 53.4 | 54.2 | .77 |
| 03:00 | 11.0 | 11.7 | 11.9 | 12.7 | 51.8 | 53.1 | 53.5 | 54.9 | .74 |
| 04:00 | 11.4 | 11.8 | 12.0 | 12.5 | 52.5 | 53.2 | 53.6 | 54.6 | .39 |
| 05:00 | 11.3 | 11.9 | 12.1 | 12.5 | 52.4 | 53.5 | 53.7 | 54.4 | .61 |
| 06:00 | 10.7 | 11.4 | 11.6 | 12.1 | 51.3 | 52.6 | 52.9 | 53.7 | .68 |
| 07:00 | 10.3 | 11.3 | 11.6 | 11.9 | 50.6 | 52.3 | 52.9 | 53.5 | .94 |
| 08:00 | 10.1 | 11.1 | 11.2 | 11.5 | 50.2 | 52.0 | 52.2 | 52.8 | .99 |
| 09:00 | 12.0 | 12.0 | 12.0 | 12.3 | 53.5 | 53.7 | 53.6 | 54.2 | .08 |
| 10:00 | 14.0 | 13.9 | 13.8 | 14.0 | 57.2 | 57.0 | 56.8 | 57.2 | -.13 |
| 11:00 | 16.2 | 16.0 | 15.8 | 15.6 | 61.2 | 60.8 | 60.4 | 60.2 | -.24 |
| 12:00 | 18.2 | 17.8 | 17.6 | 17.4 | 64.7 | 64.0 | 63.6 | 63.4 | -.39 |
| 13:00 | 19.1 | 18.7 | 18.5 | 18.4 | 66.3 | 65.7 | 65.3 | 65.1 | -.38 |
| 14:00 | 18.6 | 18.4 | 18.1 | 18.0 | 65.4 | 65.1 | 64.6 | 64.4 | -.21 |
| 15:00 | 19.8 | 19.5 | 19.3 | 19.2 | 67.7 | 67.2 | 66.7 | 66.5 | -.30 |
| 16:00 | 20.4 | 20.1 | 19.8 | 19.6 | 68.6 | 68.1 | 67.6 | 67.4 | -.28 |
| 17:00 | 19.7 | 19.6 | 19.4 | 19.3 | 67.4 | 67.3 | 66.9 | 66.8 | -.06 |
| 18:00 | 18.2 | 18.8 | 18.9 | 19.0 | 64.7 | 65.8 | 65.9 | 66.1 | .58 |
| 19:00 | 17.0 | 18.0 | 18.4 | 18.8 | 62.5 | 64.3 | 65.1 | 65.8 | 1.00 |
| 20:00 | 16.3 | 17.2 | 17.8 | 18.4 | 61.3 | 63.0 | 64.0 | 65.0 | .96 |
| 21:00 | 15.7 | 16.6 | 17.0 | 17.5 | 60.3 | 61.9 | 62.6 | 63.5 | .86 |
| 22:00 | 15.7 | 16.4 | 16.8 | 17.3 | 60.3 | 61.5 | 62.2 | 63.1 | .66 |
| 23:00 | 15.5 | 16.4 | 16.8 | 17.8 | 60.0 | 61.5 | 62.3 | 64.0 | .87 |
| Avg | 14.7 | 15.2 | 15.3 | 15.6 | 58.5 | 59.3 | 59.5 | 60.0 | .42 |
| Max | 20.4 | 20.1 | 19.8 | 19.6 | 68.6 | 68.1 | 67.6 | 67.4 | 1.05 |
| Hr. of Max | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 01 |
| Min | 10.1 | 11.1 | 11.2 | 11.5 | 50.2 | 52.0 | 52.2 | 52.8 | -.39 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "D" (1000 Area)

11/2/2017

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 | 1.15 | 1.85 | .32 | 1.03 | 10.7 | 11.8 | 11.9 | 13.6 | 98.0 |
| 01:00 | 1.44 | 2.00 | .39 | .95 | 10.2 | 11.4 | 11.5 | 13.6 | 98.5 |
| 02:00 | .94 | 1.38 | .17 | .62 | 10.6 | 11.5 | 11.6 | 13.6 | 99.3 |
| 03:00 | .97 | 1.73 | .23 | .99 | 10.7 | 11.5 | 11.6 | 13.6 | 99.3 |
| 04:00 | .61 | 1.17 | .22 | .78 | 11.0 | 11.5 | 11.6 | 13.6 | 99.1 |
| 05:00 | .76 | 1.14 | .14 | .52 | 10.9 | 11.7 | 11.8 | 13.6 | 98.8 |
| 06:00 | .90 | 1.33 | .21 | .65 | 10.4 | 11.2 | 11.3 | 13.6 | 99.0 |
| 07:00 | 1.28 | 1.60 | .34 | .66 | 10.0 | 11.0 | 11.1 | 13.6 | 99.0 |
| 08:00 | 1.13 | 1.42 | .15 | .44 | 9.8 | 10.9 | 11.0 | 13.6 | 99.4 |
| 09:00 | .02 | .38 | -.05 | .30 | 11.7 | 11.8 | 11.9 | 13.6 | 99.6 |
| 10:00 | -.24 | .00 | -.11 | .12 | 12.3 | 12.8 | 13.1 | 13.6 | 90.9 |
| 11:00 | -.43 | -.57 | -.20 | -.34 | 12.1 | 11.9 | 13.2 | 13.6 | 78.1 |
| 12:00 | -.62 | -.75 | -.23 | -.36 | 12.3 | 11.8 | 13.8 | 13.7 | 69.9 |
| 13:00 | -.60 | -.71 | -.23 | -.33 | 12.3 | 12.0 | 14.2 | 13.8 | 65.8 |
| 14:00 | -.47 | -.58 | -.26 | -.37 | 12.5 | 12.2 | 14.3 | 13.9 | 68.7 |
| 15:00 | -.55 | -.66 | -.26 | -.36 | 12.9 | 12.5 | 14.9 | 14.0 | 65.3 |
| 16:00 | -.59 | -.71 | -.31 | -.42 | 13.0 | 12.7 | 15.2 | 14.2 | 64.0 |
| 17:00 | -.28 | -.35 | -.23 | -.30 | 13.7 | 13.5 | 15.5 | 14.3 | 69.7 |
| 18:00 | .67 | .77 | .09 | .19 | 14.5 | 14.6 | 16.0 | 14.4 | 80.7 |
| 19:00 | 1.43 | 1.80 | .43 | .80 | 14.6 | 15.0 | 16.0 | 14.5 | 87.8 |
| 20:00 | 1.52 | 2.10 | .55 | 1.13 | 14.6 | 15.3 | 15.9 | 14.6 | 91.3 |
| 21:00 | 1.26 | 1.78 | .40 | .92 | 14.4 | 15.5 | 15.9 | 14.6 | 93.5 |
| 22:00 | 1.03 | 1.55 | .37 | .89 | 14.5 | 15.7 | 15.9 | 14.7 | 93.8 |
| 23:00 | 1.29 | 2.23 | .42 | 1.36 | 14.4 | 16.0 | 16.1 | 14.7 | 94.8 |
| Avg | .53 | .83 | .11 | .41 | 12.3 | 12.7 | 13.6 | 13.9 | 87.7 |
| Max | 1.52 | 2.23 | .55 | 1.36 | 14.6 | 16.0 | 16.1 | 14.7 | 99.6 |
| Hr. of Max | 20 | 23 | 20 | 23 | 20 | 23 | 23 | 23 | 09 |
| Min | -.62 | -.75 | -.31 | -.42 | 9.8 | 10.9 | 11.0 | 13.6 | 64.0 |
| 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)

11/2/2017

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 | 99.6 | 9.8 | 10.5 | 0.008227 | 0.008832 | 12.9 | 13.8 | .00 | 29.21 |
| 01:00 | 99.8 | 9.5 | 10.3 | 0.007935 | 0.008617 | 12.5 | 13.5 | .00 | 29.21 |
| 02:00 | 99.9 | 9.8 | 10.3 | 0.00818 | 0.00866 | 12.8 | 13.6 | .00 | 29.20 |
| 03:00 | 99.9 | 9.8 | 10.3 | 0.008195 | 0.008656 | 12.9 | 13.6 | .00 | 29.21 |
| 04:00 | 99.8 | 10.0 | 10.4 | 0.008401 | 0.008678 | 13.2 | 13.6 | .00 | 29.22 |
| 05:00 | 99.8 | 10.0 | 10.5 | 0.008339 | 0.008774 | 13.1 | 13.8 | .00 | 29.21 |
| 06:00 | 99.9 | 9.6 | 10.1 | 0.008042 | 0.008487 | 12.6 | 13.3 | .00 | 29.22 |
| 07:00 | 100.0 | 9.4 | 10.0 | 0.007815 | 0.0084 | 12.3 | 13.2 | .00 | 29.23 |
| 08:00 | 100.0 | 9.3 | 10.0 | 0.007736 | 0.008314 | 12.2 | 13.1 | .00 | 29.25 |
| 09:00 | 99.9 | 10.5 | 10.5 | 0.008754 | 0.008829 | 13.8 | 13.9 | .00 | 29.27 |
| 10:00 | 94.5 | 10.8 | 11.1 | 0.009124 | 0.009406 | 14.3 | 14.8 | .00 | 29.27 |
| 11:00 | 77.9 | 10.6 | 10.5 | 0.009047 | 0.008889 | 14.2 | 14.0 | .00 | 29.27 |
| 12:00 | 69.0 | 10.7 | 10.3 | 0.009174 | 0.008838 | 14.4 | 13.9 | .00 | 29.26 |
| 13:00 | 66.2 | 10.6 | 10.5 | 0.009149 | 0.008989 | 14.4 | 14.1 | .00 | 29.24 |
| 14:00 | 68.6 | 10.8 | 10.6 | 0.009266 | 0.009119 | 14.5 | 14.3 | .00 | 29.23 |
| 15:00 | 65.0 | 11.0 | 10.8 | 0.00953 | 0.009313 | 14.9 | 14.6 | .00 | 29.21 |
| 16:00 | 63.8 | 11.1 | 10.9 | 0.009639 | 0.009437 | 15.1 | 14.8 | .00 | 29.20 |
| 17:00 | 69.1 | 11.6 | 11.5 | 0.01005 | 0.009933 | 15.7 | 15.5 | .00 | 29.21 |
| 18:00 | 78.1 | 12.3 | 12.4 | 0.010603 | 0.010653 | 16.6 | 16.7 | .00 | 29.22 |
| 19:00 | 84.6 | 12.5 | 12.8 | 0.010684 | 0.010972 | 16.7 | 17.2 | .00 | 29.22 |
| 20:00 | 90.1 | 12.4 | 13.0 | 0.010627 | 0.011145 | 16.6 | 17.4 | .00 | 29.23 |
| 21:00 | 94.9 | 12.3 | 13.2 | 0.010518 | 0.011285 | 16.5 | 17.6 | .00 | 29.24 |
| 22:00 | 97.6 | 12.4 | 13.4 | 0.010556 | 0.011445 | 16.5 | 17.9 | .00 | 29.24 |
| 23:00 | 99.2 | 12.4 | 13.6 | 0.010534 | 0.011654 | 16.5 | 18.2 | .00 | 29.25 |
| Avg | 88.2 | 10.8 | 11.1 | 0.009172 | 0.009472 | 14.4 | 14.9 | .00 | 29.23 |
| Max | 100.0 | 12.5 | 13.6 | 0.010684 | 0.011654 | 16.7 | 18.2 | .00 | 29.27 |
| Hr. of Max | 08 | 19 | 23 | 19 | 23 | 19 | 23 | 23 | 11 |
| Min | 63.8 | 9.3 | 10.0 | 0.007736 | 0.008314 | 12.2 | 13.1 | .00 | 29.20 |
| 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)

11/2/2017

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 | 989.2 | -1.2 | 76.0 | 78.2 | 256.6 | 82.4 | 51.1 | 47.0 | 57.8 |
| 01:00 | 989.0 | -1.3 | 53.9 | 55.6 | 306.6 | 50.6 | 41.0 | 69.9 | 54.1 |
| 02:00 | 989.0 | -1.3 | 57.1 | 54.3 | 45.7 | 45.3 | 14.8 | 8.5 | 28.8 |
| 03:00 | 989.3 | -1.3 | 71.2 | 59.6 | 21.0 | 49.5 | 39.0 | 34.7 | 68.9 |
| 04:00 | 989.4 | -1.3 | 73.7 | 75.7 | 89.4 | 46.9 | 56.2 | 45.3 | 38.9 |
| 05:00 | 989.3 | -1.3 | 26.3 | 43.9 | 284.0 | 30.7 | 47.9 | 26.5 | 46.6 |
| 06:00 | 989.6 | -1.3 | 220.4 | 60.0 | 240.1 | 74.6 | 43.6 | 60.5 | 51.8 |
| 07:00 | 989.9 | -.8 | 305.0 | 63.8 | 270.2 | 59.2 | 46.2 | 27.9 | 57.0 |
| 08:00 | 990.5 | 28.4 | 60.6 | 73.1 | 35.3 | 62.7 | 43.0 | 17.8 | 51.4 |
| 09:00 | 991.2 | 103.5 | 35.3 | 43.9 | 32.1 | 33.3 | 32.0 | 13.7 | 74.3 |
| 10:00 | 991.4 | 160.0 | 149.4 | 2.9 | 172.2 | 356.4 | 67.1 | 46.9 | 56.2 |
| 11:00 | 991.3 | 297.3 | 189.7 | 210.6 | 182.4 | 205.9 | 49.9 | 47.0 | 47.5 |
| 12:00 | 991.0 | 402.4 | 232.9 | 234.8 | 217.4 | 230.3 | 24.4 | 22.8 | 23.8 |
| 13:00 | 990.3 | 285.8 | 260.6 | 259.0 | 256.8 | 254.1 | 17.6 | 16.4 | 22.9 |
| 14:00 | 989.8 | 245.0 | 302.8 | 299.9 | 292.8 | 292.5 | 25.1 | 20.7 | 33.6 |
| 15:00 | 989.2 | 349.5 | 304.4 | 295.5 | 298.0 | 290.3 | 32.3 | 33.5 | 40.3 |
| 16:00 | 988.9 | 291.4 | 303.4 | 304.9 | 283.0 | 296.9 | 37.4 | 32.0 | 45.9 |
| 17:00 | 989.2 | 98.5 | 302.0 | 306.8 | 267.4 | 298.7 | 37.0 | 29.0 | 54.7 |
| 18:00 | 989.4 | 9.8 | 265.4 | 282.8 | 235.1 | 276.9 | 23.2 | 13.3 | 19.3 |
| 19:00 | 989.5 | -1.2 | 244.9 | 269.3 | 239.1 | 263.9 | 12.2 | 7.9 | 16.4 |
| 20:00 | 989.8 | -1.2 | 229.7 | 228.8 | 258.1 | 224.9 | 10.7 | 6.2 | 24.8 |
| 21:00 | 990.1 | -1.3 | 239.1 | 224.3 | 248.3 | 219.3 | 42.1 | 17.0 | 66.7 |
| 22:00 | 990.3 | -1.3 | 270.4 | 250.6 | 273.3 | 245.9 | 24.3 | 13.8 | 35.2 |
| 23:00 | 990.4 | -1.3 | 63.9 | 298.8 | 328.6 | 292.4 | 41.2 | 18.9 | 38.6 |
| Avg | 989.9 | 94.0 | 304.0 | 335.0 | 273.0 | 327.0 | 35.8 | 28.2 | 44.0 |
| Max | 991.4 | 402.4 | 305.0 | 306.8 | 328.6 | 356.4 | 67.1 | 69.9 | 74.3 |
| Hr. of Max | 10 | 12 | 07 | 17 | 23 | 10 | 10 | 01 | 09 |
| Min | 988.9 | -1.3 | 26.3 | 2.9 | 21.0 | 30.7 | 10.7 | 6.2 | 16.4 |
| 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)

11/2/2017

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 | 50.7 | .3 | .6 | 1.5 | 1.6 | 1.4 | 1.9 | 2.1 | 1.0 |
| 01:00 | 66.1 | .7 | .6 | 1.0 | .8 | 1.1 | 1.1 | 1.2 | .8 |
| 02:00 | 9.6 | 2.3 | 3.6 | 2.4 | 3.6 | 1.5 | 3.8 | .3 | 1.3 |
| 03:00 | 37.3 | 1.0 | 1.5 | 1.3 | 2.0 | 1.1 | 2.4 | 1.0 | 1.1 |
| 04:00 | 46.3 | .4 | .3 | 2.4 | 2.8 | 2.4 | 3.0 | -.5 | .5 |
| 05:00 | 26.9 | .7 | 1.7 | 1.7 | 1.8 | 1.6 | 2.0 | -1.2 | -.5 |
| 06:00 | 65.7 | .1 | .4 | .3 | .6 | 1.0 | .9 | 1.6 | .1 |
| 07:00 | 33.0 | .3 | .9 | .8 | 1.0 | 1.4 | 1.3 | 1.3 | -.6 |
| 08:00 | 24.3 | 1.2 | 1.7 | 1.3 | 1.7 | 1.0 | 2.0 | .9 | .8 |
| 09:00 | 15.4 | 1.2 | 2.2 | 1.4 | 2.3 | 1.0 | 2.5 | -.4 | -2.2 |
| 10:00 | 52.0 | .1 | .4 | .8 | .9 | 1.3 | 1.2 | 3.2 | .4 |
| 11:00 | 51.7 | .6 | .8 | 1.0 | 1.2 | 1.6 | 1.6 | 6.7 | -3.4 |
| 12:00 | 22.2 | 2.9 | 3.2 | 3.3 | 3.5 | 3.4 | 3.9 | 1.0 | -1.1 |
| 13:00 | 16.5 | 4.4 | 4.6 | 4.7 | 4.9 | 4.3 | 5.2 | -.9 | -2.5 |
| 14:00 | 20.8 | 2.7 | 3.1 | 3.0 | 3.3 | 2.8 | 3.5 | -.9 | -4.9 |
| 15:00 | 32.6 | 2.5 | 2.8 | 2.8 | 3.1 | 2.6 | 3.6 | -3.2 | -4.5 |
| 16:00 | 31.7 | 2.6 | 3.0 | 3.0 | 3.4 | 2.9 | 3.7 | 3.1 | 3.1 |
| 17:00 | 31.6 | 1.7 | 2.4 | 2.0 | 2.6 | 1.9 | 2.9 | .3 | .4 |
| 18:00 | 12.8 | 2.1 | 3.4 | 2.3 | 3.6 | 1.8 | 3.6 | .9 | .6 |
| 19:00 | 8.3 | 1.6 | 2.8 | 1.7 | 2.9 | 1.9 | 3.0 | -.1 | 2.0 |
| 20:00 | 6.2 | 2.2 | 3.3 | 2.3 | 3.4 | 1.4 | 3.6 | 1.2 | 1.6 |
| 21:00 | 18.3 | .5 | 1.9 | .8 | 2.1 | 1.0 | 2.3 | 1.5 | .5 |
| 22:00 | 14.8 | .9 | 2.5 | 1.6 | 2.6 | .9 | 2.8 | 1.9 | 1.4 |
| 23:00 | 20.7 | .6 | 2.0 | .9 | 2.1 | .6 | 2.2 | 3.1 | .7 |
| Avg | 29.8 | .0 | .0 | 1.8 | 2.4 | 1.7 | 2.7 | 1.0 | -.1 |
| Max | 66.1 | 4.4 | 4.6 | 4.7 | 4.9 | 4.3 | 5.2 | 6.7 | 3.1 |
| Hr. of Max | 01 | 13 | 13 | 13 | 13 | 13 | 13 | 11 | 16 |
| Min | 6.2 | .1 | .3 | .3 | .6 | .6 | .9 | -3.2 | -4.9 |
| 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)

11/2/2017

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 | .02 | .06 | 5.0 | 6.0 | 4.6 | 11.0 | 15.5 | 12.7 | 13.5 |
| 01:00 | .01 | .03 | 3.0 | 3.2 | 3.0 | 7.2 | 11.0 | 12.3 | 13.1 |
| 02:00 | -.04 | .07 | 4.1 | 5.7 | 2.9 | 12.3 | 4.6 | 12.4 | 12.8 |
| 03:00 | -.01 | .09 | 6.0 | 6.2 | 5.8 | 14.2 | 19.0 | 12.3 | 13.2 |
| 04:00 | -.03 | .03 | 4.8 | 7.6 | 5.2 | 9.8 | 9.2 | 12.4 | 13.0 |
| 05:00 | -.05 | -.03 | 5.7 | 7.8 | 3.5 | 7.9 | 6.9 | 12.6 | 12.9 |
| 06:00 | .03 | .00 | 2.1 | 2.1 | 2.5 | 6.7 | 7.7 | 12.1 | 12.5 |
| 07:00 | .01 | .00 | 3.0 | 3.0 | 3.0 | 8.7 | 11.0 | 11.9 | 12.4 |
| 08:00 | .01 | .01 | 2.5 | 3.4 | 2.4 | 8.4 | 11.7 | 11.7 | 12.0 |
| 09:00 | .00 | -.10 | 3.7 | 4.8 | 3.1 | 19.4 | 5.9 | 12.8 | 12.8 |
| 10:00 | .09 | -.01 | 4.1 | 4.8 | 3.7 | 23.8 | 19.7 | 14.6 | 14.5 |
| 11:00 | .24 | -.05 | 3.9 | 3.9 | 4.7 | 30.8 | 31.1 | 16.6 | 16.0 |
| 12:00 | .01 | -.15 | 6.6 | 7.8 | 8.1 | 21.2 | 20.1 | 18.3 | 17.6 |
| 13:00 | -.21 | -.34 | 9.6 | 9.2 | 9.5 | 16.4 | 14.1 | 19.2 | 18.5 |
| 14:00 | -.16 | -.44 | 6.4 | 7.3 | 6.6 | 24.8 | 18.8 | 19.0 | 18.3 |
| 15:00 | -.23 | -.40 | 6.2 | 8.0 | 6.2 | 25.0 | 24.8 | 20.2 | 19.5 |
| 16:00 | .04 | .02 | 8.9 | 9.2 | 9.7 | 24.3 | 24.4 | 20.7 | 20.1 |
| 17:00 | -.03 | -.11 | 7.8 | 7.1 | 5.4 | 24.0 | 21.1 | 20.3 | 19.8 |
| 18:00 | .01 | .00 | 5.3 | 8.2 | 4.9 | 11.2 | 8.5 | 19.6 | 19.5 |
| 19:00 | -.01 | .10 | 3.7 | 5.7 | 3.1 | 5.1 | 5.4 | 18.8 | 19.4 |
| 20:00 | .01 | .10 | 5.3 | 8.2 | 3.1 | 7.5 | 1.9 | 18.1 | 19.0 |
| 21:00 | .01 | .02 | 2.5 | 5.5 | 2.4 | 7.4 | 5.2 | 17.5 | 18.2 |
| 22:00 | .02 | .07 | 3.7 | 5.3 | 2.1 | 10.3 | 8.2 | 17.3 | 18.0 |
| 23:00 | .04 | .02 | 3.2 | 5.7 | 1.9 | 9.3 | 9.3 | 17.3 | 18.5 |
| Avg | -.01 | -.04 | 4.9 | 6.1 | 4.5 | 14.4 | 13.1 | 15.9 | 16.0 |
| Max | .24 | .10 | 9.6 | 9.2 | 9.7 | 30.8 | 31.1 | 20.7 | 20.1 |
| Hr. of Max | 11 | 20 | 13 | 16 | 16 | 11 | 11 | 16 | 16 |
| Min | -.23 | -.44 | 2.1 | 2.1 | 1.9 | 5.1 | 1.9 | 11.7 | 12.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |