Date Printed: 4/30/2018 03:08

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

4/29/2018

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 | 10.7 | 12.6 | 12.9 | 13.0 | 51.2 | 54.7 | 55.2 | 55.3 | 1.92 |
| 01:00 | 9.3 | 11.4 | 11.6 | 11.7 | 48.8 | 52.5 | 52.8 | 53.1 | 2.04 |
| 02:00 | 7.4 | 10.2 | 10.5 | 10.8 | 45.3 | 50.3 | 50.9 | 51.5 | 2.78 |
| 03:00 | 6.3 | 8.9 | 9.9 | 10.1 | 43.4 | 48.0 | 49.8 | 50.2 | 2.57 |
| 04:00 | 5.1 | 8.6 | 9.4 | 9.6 | 41.1 | 47.4 | 48.9 | 49.4 | 3.49 |
| 05:00 | 7.3 | 9.0 | 9.3 | 9.4 | 45.1 | 48.2 | 48.7 | 48.9 | 1.71 |
| 06:00 | 5.9 | 8.2 | 8.6 | 8.7 | 42.7 | 46.8 | 47.5 | 47.7 | 2.31 |
| 07:00 | 6.1 | 7.7 | 7.9 | 8.4 | 43.0 | 45.9 | 46.2 | 47.1 | 1.58 |
| 08:00 | 9.4 | 9.2 | 9.0 | 8.9 | 48.9 | 48.6 | 48.2 | 48.1 | -.14 |
| 09:00 | 10.9 | 10.3 | 9.9 | 9.7 | 51.6 | 50.6 | 49.9 | 49.5 | -.55 |
| 10:00 | 12.1 | 11.3 | 10.8 | 10.5 | 53.8 | 52.3 | 51.4 | 50.9 | -.82 |
| 11:00 | 13.5 | 12.6 | 12.1 | 11.8 | 56.4 | 54.7 | 53.8 | 53.3 | -.92 |
| 12:00 | 14.8 | 13.7 | 13.2 | 12.9 | 58.6 | 56.6 | 55.8 | 55.3 | -1.10 |
| 13:00 | 15.8 | 14.9 | 14.4 | 14.1 | 60.5 | 58.9 | 58.0 | 57.3 | -.92 |
| 14:00 | 16.9 | 15.8 | 15.3 | 15.1 | 62.3 | 60.4 | 59.6 | 59.3 | -1.07 |
| 15:00 | 17.6 | 16.7 | 16.3 | 16.1 | 63.7 | 62.1 | 61.4 | 61.0 | -.86 |
| 16:00 | 18.1 | 17.3 | 16.9 | 16.8 | 64.5 | 63.1 | 62.5 | 62.2 | -.75 |
| 17:00 | 18.3 | 17.8 | 17.5 | 17.3 | 65.0 | 64.0 | 63.4 | 63.2 | -.53 |
| 18:00 | 18.2 | 18.1 | 17.8 | 17.7 | 64.7 | 64.5 | 64.0 | 63.8 | -.11 |
| 19:00 | 16.6 | 17.4 | 17.4 | 17.4 | 62.0 | 63.3 | 63.3 | 63.3 | .75 |
| 20:00 | 12.7 | 15.3 | 15.7 | 15.9 | 54.9 | 59.5 | 60.3 | 60.7 | 2.52 |
| 21:00 | 9.2 | 12.4 | 13.2 | 14.1 | 48.5 | 54.3 | 55.7 | 57.3 | 3.26 |
| 22:00 | 7.3 | 10.5 | 11.1 | 12.4 | 45.1 | 50.9 | 52.1 | 54.3 | 3.20 |
| 23:00 | 6.0 | 9.0 | 9.5 | 11.5 | 42.8 | 48.2 | 49.0 | 52.8 | 2.99 |
| Avg | 11.5 | 12.5 | 12.5 | 12.7 | 52.7 | 54.4 | 54.5 | 54.8 | .97 |
| Max | 18.3 | 18.1 | 17.8 | 17.7 | 65.0 | 64.5 | 64.0 | 63.8 | 3.49 |
| Hr. of Max | 17 | 18 | 18 | 18 | 17 | 18 | 18 | 18 | 04 |
| Min | 5.1 | 7.7 | 7.9 | 8.4 | 41.1 | 45.9 | 46.2 | 47.1 | -1.10 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 4/30/2018 03:08

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

4/29/2018

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 | 2.20 | 2.28 | .28 | .36 | 2.5 | 4.2 | 7.0 | 14.8 | 57.5 |
| 01:00 | 2.21 | 2.40 | .18 | .37 | 2.3 | 4.2 | 6.6 | 14.6 | 62.3 |
| 02:00 | 3.09 | 3.42 | .31 | .64 | 3.0 | 5.6 | 7.1 | 14.4 | 74.2 |
| 03:00 | 3.55 | 3.80 | .99 | 1.23 | 2.8 | 5.3 | 6.5 | 14.3 | 79.1 |
| 04:00 | 4.32 | 4.58 | .82 | 1.08 | 2.7 | 6.1 | 6.9 | 14.1 | 85.1 |
| 05:00 | 1.98 | 2.08 | .27 | .37 | 2.5 | 4.1 | 5.8 | 13.9 | 72.4 |
| 06:00 | 2.71 | 2.82 | .40 | .51 | 2.0 | 4.3 | 5.6 | 13.7 | 76.8 |
| 07:00 | 1.78 | 2.26 | .19 | .68 | 3.0 | 4.5 | 5.6 | 13.5 | 81.1 |
| 08:00 | -.40 | -.43 | -.26 | -.30 | 1.5 | 1.4 | 4.0 | 13.3 | 58.8 |
| 09:00 | -.96 | -1.20 | -.40 | -.64 | .1 | -.4 | 3.2 | 13.2 | 48.0 |
| 10:00 | -1.30 | -1.58 | -.48 | -.76 | -1.2 | -1.9 | 2.5 | 13.1 | 40.4 |
| 11:00 | -1.42 | -1.73 | -.50 | -.81 | -2.6 | -3.4 | 1.9 | 13.1 | 33.2 |
| 12:00 | -1.54 | -1.84 | -.45 | -.74 | -3.4 | -4.4 | 1.6 | 13.2 | 28.9 |
| 13:00 | -1.42 | -1.77 | -.50 | -.85 | -3.7 | -4.5 | 2.0 | 13.5 | 26.4 |
| 14:00 | -1.51 | -1.71 | -.43 | -.64 | -3.6 | -4.5 | 2.3 | 13.8 | 25.1 |
| 15:00 | -1.27 | -1.49 | -.41 | -.63 | -3.7 | -4.4 | 2.7 | 14.1 | 23.8 |
| 16:00 | -1.12 | -1.30 | -.37 | -.55 | -3.2 | -3.8 | 3.2 | 14.2 | 24.1 |
| 17:00 | -.85 | -.98 | -.32 | -.45 | -3.6 | -4.0 | 3.3 | 14.4 | 23.0 |
| 18:00 | -.40 | -.51 | -.29 | -.40 | -4.3 | -4.3 | 3.1 | 14.5 | 22.0 |
| 19:00 | .75 | .76 | .00 | .01 | -3.9 | -3.3 | 3.6 | 14.5 | 24.9 |
| 20:00 | 2.96 | 3.21 | .44 | .69 | -1.0 | 1.3 | 5.9 | 14.5 | 40.1 |
| 21:00 | 4.02 | 4.89 | .76 | 1.63 | 1.0 | 4.0 | 6.8 | 14.5 | 57.2 |
| 22:00 | 3.85 | 5.07 | .65 | 1.88 | 1.2 | 4.2 | 6.3 | 14.3 | 65.6 |
| 23:00 | 3.45 | 5.52 | .46 | 2.53 | 1.0 | 3.9 | 5.6 | 14.2 | 71.0 |
| Avg | 1.03 | 1.19 | .06 | .22 | -.4 | .6 | 4.5 | 14.0 | 50.0 |
| Max | 4.32 | 5.52 | .99 | 2.53 | 3.0 | 6.1 | 7.1 | 14.8 | 85.1 |
| Hr. of Max | 04 | 23 | 03 | 23 | 07 | 04 | 02 | 00 | 04 |
| Min | -1.54 | -1.84 | -.50 | -.85 | -4.3 | -4.5 | 1.6 | 13.1 | 22.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 4/30/2018 03:08

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

4/29/2018

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 | 57.5 | 5.6 | 6.3 | 0.004652 | 0.005284 | 7.3 | 8.3 | .00 | 29.18 |
| 01:00 | 62.3 | 5.6 | 6.3 | 0.004601 | 0.005278 | 7.3 | 8.3 | .00 | 29.19 |
| 02:00 | 74.2 | 5.9 | 7.0 | 0.004806 | 0.005803 | 7.6 | 9.1 | .00 | 29.20 |
| 03:00 | 79.1 | 5.8 | 6.9 | 0.004758 | 0.005671 | 7.5 | 8.9 | .00 | 29.21 |
| 04:00 | 85.1 | 5.8 | 7.2 | 0.004691 | 0.00597 | 7.4 | 9.4 | .00 | 29.21 |
| 05:00 | 72.4 | 5.7 | 6.3 | 0.00465 | 0.005232 | 7.3 | 8.3 | .00 | 29.23 |
| 06:00 | 76.8 | 5.5 | 6.4 | 0.004484 | 0.005257 | 7.1 | 8.3 | .00 | 29.26 |
| 07:00 | 81.1 | 5.9 | 6.5 | 0.004798 | 0.005351 | 7.6 | 8.5 | .00 | 29.29 |
| 08:00 | 58.8 | 5.3 | 5.2 | 0.004332 | 0.004295 | 6.9 | 6.8 | .00 | 29.31 |
| 09:00 | 48.0 | 4.7 | 4.6 | 0.003918 | 0.003776 | 6.2 | 6.0 | .00 | 29.33 |
| 10:00 | 40.4 | 4.3 | 4.1 | 0.003578 | 0.003387 | 5.7 | 5.4 | .00 | 29.35 |
| 11:00 | 33.2 | 3.9 | 3.7 | 0.003235 | 0.003044 | 5.1 | 4.8 | .00 | 29.36 |
| 12:00 | 28.9 | 3.6 | 3.4 | 0.00305 | 0.002837 | 4.8 | 4.5 | .00 | 29.35 |
| 13:00 | 26.4 | 3.6 | 3.4 | 0.002993 | 0.002814 | 4.8 | 4.5 | .00 | 29.33 |
| 14:00 | 25.1 | 3.6 | 3.4 | 0.00303 | 0.002827 | 4.8 | 4.5 | .00 | 29.32 |
| 15:00 | 23.8 | 3.6 | 3.4 | 0.003019 | 0.002855 | 4.8 | 4.5 | .00 | 29.31 |
| 16:00 | 24.1 | 3.7 | 3.5 | 0.003137 | 0.002988 | 5.0 | 4.7 | .00 | 29.29 |
| 17:00 | 23.0 | 3.6 | 3.5 | 0.003044 | 0.002943 | 4.8 | 4.7 | .00 | 29.28 |
| 18:00 | 22.0 | 3.4 | 3.4 | 0.002888 | 0.002868 | 4.6 | 4.6 | .00 | 29.28 |
| 19:00 | 24.9 | 3.5 | 3.7 | 0.002955 | 0.003106 | 4.7 | 4.9 | .00 | 29.27 |
| 20:00 | 40.1 | 4.4 | 5.2 | 0.003651 | 0.004332 | 5.8 | 6.9 | .00 | 29.29 |
| 21:00 | 57.2 | 5.1 | 6.2 | 0.004155 | 0.005164 | 6.6 | 8.2 | .00 | 29.31 |
| 22:00 | 65.6 | 5.2 | 6.3 | 0.004205 | 0.005221 | 6.7 | 8.3 | .00 | 29.32 |
| 23:00 | 71.0 | 5.1 | 6.2 | 0.004168 | 0.005117 | 6.6 | 8.1 | .00 | 29.32 |
| Avg | 50.0 | 4.7 | 5.1 | 0.003867 | 0.004226 | 6.1 | 6.7 | .00 | 29.28 |
| Max | 85.1 | 5.9 | 7.2 | 0.004806 | 0.00597 | 7.6 | 9.4 | .00 | 29.36 |
| Hr. of Max | 04 | 07 | 04 | 02 | 04 | 07 | 04 | 23 | 11 |
| Min | 22.0 | 3.4 | 3.4 | 0.002888 | 0.002814 | 4.6 | 4.5 | .00 | 29.18 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 4/30/2018 03:08

OAK RIDGE NATIONAL LABORATORY
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# Daily Summary Report

Site: Tower "D" (1000 Area)

4/29/2018

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 | 988.1 | -1.3 | 26.6 | 23.5 | 19.9 | 11.4 | 10.7 | 10.0 | 28.6 |
| 01:00 | 988.6 | -1.3 | 44.2 | 45.3 | 38.3 | 34.8 | 9.3 | 7.1 | 21.3 |
| 02:00 | 988.8 | -1.3 | 45.8 | 47.8 | 40.9 | 37.5 | 7.6 | 4.5 | 18.0 |
| 03:00 | 989.1 | -1.4 | 33.9 | 39.7 | 60.8 | 28.0 | 7.2 | 6.6 | 23.5 |
| 04:00 | 989.3 | -1.3 | 28.2 | 28.0 | 31.5 | 15.7 | 11.5 | 9.6 | 47.4 |
| 05:00 | 989.9 | -1.2 | 28.9 | 30.9 | 22.4 | 18.8 | 12.4 | 9.3 | 29.0 |
| 06:00 | 990.7 | 1.5 | 25.3 | 28.3 | 14.4 | 15.8 | 10.9 | 8.9 | 29.8 |
| 07:00 | 991.8 | 85.1 | 52.2 | 38.6 | 77.2 | 27.8 | 14.3 | 9.7 | 29.9 |
| 08:00 | 992.5 | 336.8 | 45.0 | 42.1 | 48.4 | 32.1 | 18.4 | 13.9 | 38.2 |
| 09:00 | 993.2 | 585.4 | 65.7 | 62.3 | 68.5 | 53.1 | 23.0 | 17.8 | 26.7 |
| 10:00 | 993.9 | 792.3 | 67.4 | 66.8 | 65.7 | 57.3 | 23.5 | 18.6 | 28.1 |
| 11:00 | 994.2 | 940.1 | 62.3 | 57.9 | 62.1 | 48.5 | 26.3 | 23.2 | 33.0 |
| 12:00 | 993.9 | 1056.5 | 69.7 | 65.1 | 71.4 | 55.6 | 26.1 | 23.5 | 30.5 |
| 13:00 | 993.4 | 1092.6 | 60.7 | 58.9 | 64.5 | 48.4 | 41.9 | 33.3 | 51.9 |
| 14:00 | 993.0 | 1062.5 | 83.6 | 76.0 | 86.4 + | 67.4 | 31.0 | 30.7 | 31.2 + |
| 15:00 | 992.4 | 969.6 | 68.9 | 61.8 | 71.4 | 51.3 | 37.0 | 35.0 | 50.2 |
| 16:00 | 991.9 | 779.1 | 74.3 | 72.8 | 76.5 | 63.3 | 25.3 | 22.4 | 31.6 |
| 17:00 | 991.6 | 449.3 | 100.1 | 93.9 | 98.3 | 83.0 | 30.4 | 33.0 | 37.2 |
| 18:00 | 991.4 | 314.2 | 76.8 | 73.5 | 69.5 | 63.3 | 23.0 | 18.9 | 34.5 |
| 19:00 | 991.4 | 97.9 | 64.8 | 64.9 | 56.2 | 55.2 | 15.1 | 12.3 | 25.5 |
| 20:00 | 992.0 | 4.5 | 56.2 | 64.6 | .8 | 55.6 | 10.2 | 7.2 | 22.4 |
| 21:00 | 992.5 | -1.4 | 57.6 | 68.1 | 304.6 | 59.8 | 15.0 | 5.6 | 33.3 |
| 22:00 | 992.9 | -1.4 | 67.7 | 56.6 | 25.1 | 48.0 | 7.2 | 6.0 | 65.2 |
| 23:00 | 993.0 | -1.4 | 63.9 | 60.4 | 44.4 | 51.8 | 8.4 | 4.8 | 19.6 |
| Avg | 991.6 | 356.5 | 57.0 | 55.0 | 50.0 | 45.0 | 18.6 | 15.5 | 32.8 |
| Max | 994.2 | 1092.6 | 100.1 | 93.9 | 304.6 | 83.0 | 41.9 | 35.0 | 65.2 |
| Hr. of Max | 11 | 13 | 17 | 17 | 21 | 17 | 13 | 15 | 22 |
| Min | 988.1 | -1.4 | 25.3 | 23.5 | .8 | 11.4 | 7.2 | 4.5 | 18.0 |
| 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)

4/29/2018

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 | 8.5 | 5.9 | 7.7 | 6.1 | 7.9 | 2.7 | 8.3 | -2.3 | 1.5 |
| 01:00 | 7.5 | 4.7 | 7.0 | 4.8 | 7.1 | 2.3 | 7.4 | -2.3 | 1.4 |
| 02:00 | 5.0 | 4.3 | 6.5 | 4.4 | 6.6 | 2.3 | 6.8 | -3.4 | .6 |
| 03:00 | 7.4 | 4.0 | 6.0 | 4.1 | 6.1 | 1.6 | 6.3 | 2.7 | 2.7 |
| 04:00 | 9.9 | 4.7 | 7.1 | 4.8 | 7.2 | 1.4 | 7.6 | 1.8 | 3.6 |
| 05:00 | 9.6 | 7.1 | 9.5 | 7.3 | 9.7 | 3.4 | 10.1 | -2.1 | .5 |
| 06:00 | 9.0 | 5.6 | 7.6 | 5.7 | 7.7 | 2.2 | 8.0 | -1.9 | 1.7 |
| 07:00 | 10.5 | 3.3 | 5.2 | 3.5 | 5.3 | 1.7 | 5.6 | 1.7 | 3.8 |
| 08:00 | 14.2 | 6.1 | 8.0 | 6.4 | 8.2 | 4.2 | 8.7 | -.3 | 2.7 |
| 09:00 | 17.9 | 8.3 | 10.6 | 8.9 | 11.0 | 7.3 | 11.6 | 1.0 | 5.2 |
| 10:00 | 18.0 | 9.2 | 11.3 | 9.9 | 11.8 | 8.1 | 12.5 | .8 | 3.0 |
| 11:00 | 23.3 | 8.3 | 10.2 | 9.2 | 11.0 | 8.2 | 11.7 | -1.2 | 5.4 |
| 12:00 | 23.7 | 9.0 | 10.5 | 9.7 | 11.2 | 8.5 | 11.9 | -1.4 | 3.8 |
| 13:00 | 34.3 | 5.8 | 7.5 | 7.1 | 8.6 | 6.4 | 9.3 | -.6 | 3.6 |
| 14:00 | 30.4 | 6.0 | 6.8 | 6.8 | 7.5 | 6.3 | 8.2 | .3 | 3.1 |
| 15:00 | 35.7 | 5.0 | 5.9 | 5.8 | 6.7 | 5.4 | 7.4 | -4.1 | -1.4 |
| 16:00 | 22.1 | 5.9 | 6.5 | 6.4 | 6.9 | 6.1 | 7.5 | -2.6 | -3.9 |
| 17:00 | 32.7 | 6.0 | 6.5 | 6.5 | 7.0 | 6.2 | 7.6 | 1.2 | 7.7 |
| 18:00 | 19.0 | 6.3 | 7.5 | 7.0 | 8.0 | 5.8 | 8.4 | -.5 | .6 |
| 19:00 | 11.9 | 7.2 | 9.2 | 7.6 | 9.5 | 4.6 | 9.9 | -2.0 | 2.1 |
| 20:00 | 6.9 | 4.0 | 5.5 | 4.0 | 5.5 | 2.1 | 5.7 | -3.4 | .7 |
| 21:00 | 5.7 | .6 | 2.8 | .6 | 2.8 | .7 | 3.0 | 1.2 | .8 |
| 22:00 | 6.6 | .9 | 2.7 | .9 | 2.7 | .5 | 2.9 | .6 | .9 |
| 23:00 | 5.1 | 1.6 | 4.1 | 1.7 | 4.1 | 1.1 | 4.3 | 1.3 | 2.2 |
| Avg | 15.6 | .0 | .0 | 5.8 | 7.5 | 4.1 | 7.9 | -.6 | 2.2 |
| Max | 35.7 | 9.2 | 11.3 | 9.9 | 11.8 | 8.5 | 12.5 | 2.7 | 7.7 |
| Hr. of Max | 15 | 10 | 10 | 10 | 10 | 12 | 10 | 03 | 17 |
| Min | 5.0 | .6 | 2.7 | .6 | 2.7 | .5 | 2.9 | -4.1 | -3.9 |
| 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)

4/29/2018

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 | -.23 | .16 | 16.7 | 18.1 | 9.5 | 19.2 | 7.0 | 12.5 | 12.7 |
| 01:00 | -.16 | .13 | 11.4 | 21.8 | 7.4 | 15.0 | 5.5 | 11.4 | 11.5 |
| 02:00 | -.19 | .05 | 8.7 | 12.4 | 4.8 | 8.8 | 3.3 | 10.1 | 10.6 |
| 03:00 | .07 | .27 | 8.2 | 11.4 | 3.6 | 11.3 | 5.1 | 8.9 | 9.9 |
| 04:00 | .01 | .39 | 11.9 | 16.5 | 6.9 | 21.4 | 7.7 | 8.4 | 9.4 |
| 05:00 | -.30 | .01 | 15.3 | 22.4 | 10.4 | 19.1 | 7.6 | 9.0 | 9.1 |
| 06:00 | -.16 | .17 | 10.1 | 12.4 | 7.2 | 20.1 | 7.0 | 8.2 | 8.5 |
| 07:00 | .02 | .34 | 11.2 | 16.3 | 6.7 | 14.3 | 7.2 | 7.7 | 7.9 |
| 08:00 | -.28 | .10 | 15.3 | 16.9 | 16.1 | 22.8 | 12.6 | 9.4 | 8.6 |
| 09:00 | -.08 | .70 | 20.2 | 21.1 | 17.9 | 18.9 | 13.8 | 10.3 | 9.3 |
| 10:00 | -.19 | .36 | 20.2 | 22.4 | 19.1 | 19.8 | 13.3 | 11.2 | 10.1 |
| 11:00 | -.47 | .80 | 22.4 | 24.0 | 20.8 | 19.5 | 15.7 | 12.5 | 11.3 |
| 12:00 | -.37 | .50 | 30.5 | 28.9 | 27.4 | 17.5 | 15.8 | 13.4 | 12.4 |
| 13:00 | -.08 | .41 | 21.1 | 20.6 | 19.1 | 23.5 | 18.1 | 14.6 | 13.5 |
| 14:00 | -.09 | .32 | 18.1 | 18.8 | 17.1 | 19.6 | 20.5 | 15.5 | 14.5 |
| 15:00 | -.47 | -.27 | 20.6 | 20.6 | 15.6 | 23.1 | 21.9 | 16.5 | 15.5 |
| 16:00 | -.32 | -.45 | 14.0 | 20.2 | 14.3 | 19.0 | 19.7 | 17.0 | 16.2 |
| 17:00 | -.02 | .68 | 16.0 | 16.9 | 15.8 | 18.7 | 20.4 | 17.6 | 16.8 |
| 18:00 | -.17 | .05 | 14.2 | 17.4 | 13.0 | 16.4 | 11.8 | 17.8 | 17.1 |
| 19:00 | -.30 | .27 | 14.7 | 19.9 | 14.3 | 18.2 | 8.9 | 17.1 | 16.8 |
| 20:00 | -.24 | .02 | 11.0 | 21.1 | 7.5 | 12.6 | 5.5 | 14.9 | 15.4 |
| 21:00 | .02 | .04 | 2.3 | 7.1 | 1.5 | 6.2 | 3.6 | 12.1 | 13.7 |
| 22:00 | .01 | .04 | 1.8 | 6.0 | 2.0 | 6.9 | 3.0 | 10.3 | 12.2 |
| 23:00 | .02 | .17 | 3.4 | 7.3 | 2.7 | 7.2 | 2.5 | 8.9 | 11.4 |
| Avg | -.17 | .22 | 14.1 | 17.5 | 11.7 | 16.6 | 10.7 | 12.3 | 12.3 |
| Max | .07 | .80 | 30.5 | 28.9 | 27.4 | 23.5 | 21.9 | 17.8 | 17.1 |
| Hr. of Max | 03 | 11 | 12 | 12 | 12 | 13 | 15 | 18 | 18 |
| Min | -.47 | -.45 | 1.8 | 6.0 | 1.5 | 6.2 | 2.5 | 7.7 | 7.9 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |