Date Printed: 11/02/2014 01:20

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

11/1/2014

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 | 3.2 | 3.1 | 3.0 | 2.9 | -.04 | -.22 | -.30 | -.17 | -.25 |
| 01:00 | 3.2 | 3.1 | 2.9 | 2.8 | -.11 | -.29 | -.39 | -.19 | -.29 |
| 02:00 | 2.5 | 2.4 | 2.3 | 2.2 | -.06 | -.23 | -.30 | -.17 | -.25 |
| 03:00 | 2.3 | 2.3 | 2.2 | 2.1 | .00 | -.15 | -.20 | -.16 | -.21 |
| 04:00 | 2.2 | 2.2 | 2.0 | 2.0 | -.02 | -.15 | -.21 | -.13 | -.19 |
| 05:00 | 2.6 | 2.5 | 2.4 | 2.3 | -.08 | -.23 | -.29 | -.15 | -.21 |
| 06:00 | 3.2 | 3.2 | 3.0 | 3.0 | .00 | -.15 | -.19 | -.14 | -.19 |
| 07:00 | 3.4 | 3.4 | 3.2 | 3.2 | -.02 | -.19 | -.29 | -.17 | -.27 |
| 08:00 | 3.4 | 3.4 | 3.2 | 3.1 | -.07 | -.25 | -.34 | -.18 | -.27 |
| 09:00 | 3.7 | 3.6 | 3.4 | 3.3 | -.11 | -.30 | -.42 | -.20 | -.31 |
| 10:00 | 3.9 | 3.7 | 3.5 | 3.4 | -.21 | -.43 | -.56 | -.22 | -.35 |
| 11:00 | 4.5 | 4.2 | 3.9 | 3.8 | -.32 | -.57 | -.71 | -.25 | -.39 |
| 12:00 | 4.6 | 4.3 | 4.0 | 3.9 | -.29 | -.55 | -.70 | -.26 | -.41 |
| 13:00 | 5.1 | 4.7 | 4.4 | 4.3 | -.38 | -.65 | -.80 | -.26 | -.42 |
| 14:00 | 4.9 | 4.6 | 4.3 | 4.2 | -.34 | -.61 | -.76 | -.27 | -.42 |
| 15:00 | 4.9 | 4.7 | 4.5 | 4.3 | -.26 | -.49 | -.62 | -.23 | -.36 |
| 16:00 | 4.6 | 4.3 | 4.1 | 4.0 | -.21 | -.43 | -.56 | -.22 | -.35 |
| 17:00 | 4.3 | 4.1 | 3.9 | 3.7 | -.19 | -.40 | -.50 | -.21 | -.32 |
| 18:00 | 4.2 | 4.0 | 3.8 | 3.7 | -.17 | -.37 | -.46 | -.20 | -.30 |
| 19:00 | 4.2 | 4.1 | 3.9 | 3.8 | -.10 | -.29 | -.38 | -.19 | -.29 |
| 20:00 | 4.3 | 4.2 | 4.0 | 3.9 | -.08 | -.28 | -.36 | -.19 | -.28 |
| 21:00 | 4.3 | 4.3 | 4.1 | 4.1 | -.04 | -.22 | -.29 | -.17 | -.25 |
| 22:00 | 4.0 | 4.0 | 3.9 | 3.8 | -.01 | -.18 | -.25 | -.17 | -.24 |
| 23:00 | 3.6 | 3.7 | 3.5 | 3.4 | .03 | -.12 | -.20 | -.15 | -.23 |
| Avg | 3.8 | 3.7 | 3.5 | 3.4 | -.13 | -.32 | -.42 | -.19 | -.29 |
| Max | 5.1 | 4.7 | 4.5 | 4.3 | .03 | -.12 | -.19 | -.13 | -.19 |
| Hr. of Max | 13 | 15 | 15 | 15 | 23 | 23 | 06 | 04 | 06 |
| Min | 2.2 | 2.2 | 2.0 | 2.0 | -.38 | -.65 | -.80 | -.27 | -.42 |
| 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)

11/1/2014

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 | -.6 | -.8 | .7 | 12.7 | 76.9 | 75.9 | 4.6 | 4.5 | 0.00373 |
| 01:00 | -.8 | -1.0 | .6 | 12.6 | 75.7 | 75.2 | 4.5 | 4.5 | 0.00368 |
| 02:00 | -.4 | -.5 | .6 | 12.4 | 81.9 | 81.5 | 4.7 | 4.6 | 0.003783 |
| 03:00 | -.5 | -.6 | .4 | 12.2 | 82.2 | 81.4 | 4.6 | 4.6 | 0.003751 |
| 04:00 | -.3 | -.4 | .5 | 12.0 | 84.2 | 83.5 | 4.7 | 4.7 | 0.003808 |
| 05:00 | -.2 | -.5 | .7 | 11.9 | 82.0 | 81.1 | 4.7 | 4.6 | 0.00382 |
| 06:00 | -1.2 | -1.5 | .3 | 11.7 | 73.7 | 71.9 | 4.4 | 4.3 | 0.003571 |
| 07:00 | -2.1 | -2.4 | -.2 | 11.6 | 67.7 | 66.0 | 4.1 | 4.0 | 0.003337 |
| 08:00 | -2.0 | -2.4 | -.2 | 11.5 | 67.8 | 66.6 | 4.1 | 4.0 | 0.003341 |
| 09:00 | -2.5 | -2.8 | -.4 | 11.3 | 64.2 | 63.1 | 4.0 | 3.9 | 0.003225 |
| 10:00 | -2.3 | -2.6 | -.2 | 11.2 | 64.5 | 63.8 | 4.1 | 4.0 | 0.003278 |
| 11:00 | -2.4 | -2.7 | -.1 | 11.2 | 61.6 | 61.3 | 4.0 | 3.9 | 0.003256 |
| 12:00 | -2.0 | -2.3 | .2 | 11.2 | 63.1 | 62.9 | 4.1 | 4.1 | 0.003356 |
| 13:00 | -1.7 | -2.1 | .6 | 11.2 | 62.2 | 62.1 | 4.2 | 4.1 | 0.003425 |
| 14:00 | -1.3 | -1.5 | .8 | 11.3 | 64.9 | 65.0 | 4.4 | 4.3 | 0.003535 |
| 15:00 | -1.1 | -1.3 | .9 | 11.3 | 65.6 | 65.7 | 4.4 | 4.4 | 0.003583 |
| 16:00 | -.6 | -.8 | 1.1 | 11.4 | 69.7 | 69.8 | 4.6 | 4.5 | 0.003701 |
| 17:00 | -.4 | -.6 | 1.1 | 11.3 | 72.1 | 72.0 | 4.6 | 4.6 | 0.003742 |
| 18:00 | -.2 | -.5 | 1.3 | 11.3 | 73.5 | 72.9 | 4.7 | 4.6 | 0.003801 |
| 19:00 | -.5 | -.7 | 1.1 | 11.2 | 72.1 | 71.4 | 4.6 | 4.6 | 0.003727 |
| 20:00 | -.5 | -.8 | 1.1 | 11.2 | 71.8 | 70.4 | 4.6 | 4.5 | 0.003721 |
| 21:00 | -.7 | -1.0 | 1.0 | 11.1 | 70.2 | 68.7 | 4.5 | 4.4 | 0.003658 |
| 22:00 | -2.0 | -2.3 | .0 | 11.0 | 65.5 | 63.7 | 4.2 | 4.0 | 0.003337 |
| 23:00 | -3.3 | -3.7 | -1.0 | 10.9 | 60.9 | 59.0 | 3.8 | 3.7 | 0.003015 |
| Avg | -1.2 | -1.5 | .5 | 11.5 | 70.6 | 69.8 | 4.4 | 4.3 | 0.003549 |
| Max | -.2 | -.4 | 1.3 | 12.7 | 84.2 | 83.5 | 4.7 | 4.7 | 0.00382 |
| Hr. of Max | 18 | 04 | 18 | 00 | 04 | 04 | 18 | 04 | 05 |
| Min | -3.3 | -3.7 | -1.0 | 10.9 | 60.9 | 59.0 | 3.8 | 3.7 | 0.003015 |
| 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)

11/1/2014

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 | 0.00367 | 5.9 | 5.8 | .00 | 29.07 | 984.5 | -2.3 | .00 | 256.3 |
| 01:00 | 0.003626 | 5.8 | 5.7 | .00 | 29.06 | 984.1 | -2.6 | .00 | 257.8 |
| 02:00 | 0.003748 | 5.9 | 5.9 | .00 | 29.05 | 983.8 | -2.1 | .00 | 252.1 |
| 03:00 | 0.003712 | 5.9 | 5.8 | .00 | 29.05 | 983.8 | -2.4 | .00 | 251.4 |
| 04:00 | 0.003769 | 6.0 | 5.9 | .00 | 29.05 | 984.0 | -2.3 | .00 | 248.7 |
| 05:00 | 0.003755 | 6.0 | 5.9 | .00 | 29.07 | 984.4 | -3.8 | -.01 | 259.6 |
| 06:00 | 0.003479 | 5.6 | 5.5 | .00 | 29.09 | 985.3 | -2.4 | .00 | 299.4 |
| 07:00 | 0.003247 | 5.3 | 5.1 | .00 | 29.13 | 986.4 | -2.2 | .00 | 315.7 |
| 08:00 | 0.003262 | 5.3 | 5.2 | .00 | 29.15 | 987.1 | 14.5 | .02 | 304.3 |
| 09:00 | 0.003148 | 5.1 | 5.0 | .00 | 29.18 | 988.1 | 46.0 | .07 | 331.7 |
| 10:00 | 0.003197 | 5.2 | 5.1 | .00 | 29.20 | 988.9 | 122.3 | .18 | 336.6 |
| 11:00 | 0.003166 | 5.2 | 5.0 | .00 | 29.22 | 989.7 | 166.7 | .24 | 347.7 |
| 12:00 | 0.003278 | 5.3 | 5.2 | .00 | 29.24 | 990.3 | 167.7 | .24 | 346.4 |
| 13:00 | 0.003329 | 5.4 | 5.3 | .00 | 29.24 | 990.4 | 188.6 | .27 | 337.5 |
| 14:00 | 0.003459 | 5.6 | 5.5 | .00 | 29.24 | 990.4 | 138.2 | .20 | 345.8 |
| 15:00 | 0.003522 | 5.7 | 5.6 | .00 | 29.26 | 990.9 | 96.3 | .14 | 337.7 |
| 16:00 | 0.003648 | 5.9 | 5.8 | .00 | 29.28 | 991.6 | 45.4 | .07 | 323.6 |
| 17:00 | 0.003688 | 5.9 | 5.8 | .00 | 29.30 | 992.3 | 20.2 | .03 | 310.2 |
| 18:00 | 0.003724 | 6.0 | 5.9 | .00 | 29.32 | 992.9 | 1.1 | .00 | 270.9 |
| 19:00 | 0.003668 | 5.9 | 5.8 | .00 | 29.35 | 993.9 | -1.8 | .00 | 326.9 |
| 20:00 | 0.00363 | 5.9 | 5.8 | .00 | 29.36 | 994.4 | -2.6 | .00 | 324.0 |
| 21:00 | 0.003569 | 5.8 | 5.7 | .00 | 29.38 | 995.0 | -3.5 | .00 | 32.1 |
| 22:00 | 0.003245 | 5.3 | 5.2 | .00 | 29.40 | 995.7 | -2.2 | .00 | 37.7 |
| 23:00 | 0.002931 | 4.8 | 4.7 | .00 | 29.41 | 995.9 | -2.4 | .00 | 20.4 |
| Avg | 0.003478 | 5.6 | 5.5 | .00 | 29.21 | 989.3 | 40.6 | .06 | 314.0 |
| Max | 0.003769 | 6.0 | 5.9 | .00 | 29.41 | 995.9 | 188.6 | .27 | 347.7 |
| Hr. of Max | 04 | 18 | 18 | 23 | 23 | 23 | 13 | 13 | 11 |
| Min | 0.002931 | 4.8 | 4.7 | .00 | 29.05 | 983.8 | -3.8 | -.01 | 20.4 |
| 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)

11/1/2014

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 | 276.0 | 282.8 | 259.0 | 281.7 | 35.2 | 23.7 | 20.7 | 3.3 | 5.1 |
| 01:00 | 280.4 | 288.8 | 262.7 | 286.9 | 26.7 | 25.5 | 22.4 | 3.2 | 4.4 |
| 02:00 | 268.4 | 278.6 | 258.2 | 278.1 | 24.1 | 19.0 | 17.8 | 3.8 | 5.5 |
| 03:00 | 272.7 | 283.7 | 257.0 | 282.6 | 30.0 | 26.6 | 20.3 | 2.4 | 3.6 |
| 04:00 | 264.5 | 272.1 | 253.0 | 271.9 | 17.7 | 14.9 | 12.1 | 3.9 | 5.5 |
| 05:00 | 276.0 | 283.5 | 263.2 | 282.5 | 19.8 | 16.7 | 16.1 | 3.2 | 4.4 |
| 06:00 | 314.4 | 318.2 | 298.4 | 314.7 | 36.6 | 30.1 | 24.8 | 2.7 | 4.4 |
| 07:00 | 335.0 | 335.8 | 318.4 | 331.1 | 42.9 | 36.6 | 28.4 | 2.9 | 4.5 |
| 08:00 | 321.7 | 322.4 | 303.8 | 318.0 | 39.3 | 37.6 | 30.4 | 2.4 | 3.6 |
| 09:00 | 343.1 | 340.5 | 332.0 | 335.7 | 43.0 | 30.7 | 25.2 | 4.1 | 6.5 |
| 10:00 | 348.4 | 346.4 | 337.2 | 342.0 | 54.4 | 37.7 | 28.7 | 3.9 | 6.2 |
| 11:00 | 2.2 | .6 | 350.1 | 355.9 | 40.1 | 29.9 | 25.3 | 4.3 | 6.8 |
| 12:00 | 353.5 | 352.2 | 348.6 | 347.6 | 50.7 | 35.8 | 27.3 | 3.4 | 5.7 |
| 13:00 | 344.9 | 343.9 | 337.8 | 340.6 | 62.2 | 42.0 | 38.1 | 2.4 | 4.7 |
| 14:00 | 359.7 | 354.8 | 346.2 | 350.6 | 53.8 | 40.1 | 31.9 | 2.7 | 4.9 |
| 15:00 | 346.0 | 344.6 | 337.5 | 339.8 | 44.8 | 32.1 | 24.9 | 4.1 | 6.6 |
| 16:00 | 338.5 | 337.5 | 325.3 | 332.8 | 40.3 | 32.7 | 28.8 | 3.0 | 4.7 |
| 17:00 | 325.0 | 326.5 | 311.3 | 322.5 | 33.1 | 28.9 | 22.5 | 2.8 | 4.0 |
| 18:00 | 288.8 | 294.3 | 272.4 | 292.1 | 31.1 | 28.3 | 26.0 | 1.6 | 2.2 |
| 19:00 | 337.3 | 339.4 | 328.1 | 335.6 | 55.5 | 42.9 | 30.0 | 1.3 | 2.6 |
| 20:00 | 334.7 | 334.2 | 321.4 + | 329.5 | 63.8 | 51.7 | 39.0 | .6 | 1.4 |
| 21:00 | 30.7 | 25.4 | 31.7 | 21.0 | 36.9 | 28.1 | 20.3 | 2.4 | 4.5 |
| 22:00 | 32.4 | 26.5 | 39.1 | 21.5 | 40.0 | 22.1 | 16.3 | 2.1 | 4.7 |
| 23:00 | 25.8 | 21.8 | 20.4 | 17.0 | 40.1 | 24.5 | 20.4 | 2.9 | 5.5 |
| Avg | 328.0 | 329.0 | 316.0 | 325.0 | 40.1 | 30.8 | 24.9 | .0 | .0 |
| Max | 359.7 | 354.8 | 350.1 | 355.9 | 63.8 | 51.7 | 39.0 | 4.3 | 6.8 |
| Hr. of Max | 14 | 14 | 11 | 11 | 20 | 20 | 20 | 11 | 11 |
| Min | 2.2 | .6 | 20.4 | 17.0 | 17.7 | 14.9 | 12.1 | .6 | 1.4 |
| 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)

11/1/2014

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 | 6.6 | 3.6 | 5.5 | 6.9 | 4.4 | 7.6 | .2 | -2.5 | -.20 |
| 01:00 | 5.5 | 3.5 | 4.8 | 5.9 | 4.2 | 6.5 | -2.3 | -.9 | -.29 |
| 02:00 | 6.7 | 4.1 | 5.9 | 7.0 | 4.7 | 7.6 | -.2 | -1.2 | -.22 |
| 03:00 | 4.7 | 2.7 | 3.9 | 5.0 | 3.4 | 5.6 | -.2 | -.1 | -.09 |
| 04:00 | 6.8 | 4.0 | 5.7 | 7.0 | 4.7 | 7.5 | -.3 | -1.2 | -.15 |
| 05:00 | 5.7 | 3.4 | 4.7 | 5.9 | 4.0 | 6.4 | -2.2 | -1.2 | -.26 |
| 06:00 | 6.1 | 3.8 | 5.5 | 7.1 | 4.5 | 7.8 | -3.9 | -2.6 | -.47 |
| 07:00 | 6.0 | 3.8 | 5.4 | 6.7 | 4.5 | 7.6 | -4.0 | -.4 | -.53 |
| 08:00 | 4.9 | 3.1 | 4.4 | 5.5 | 3.8 | 6.3 | -2.6 | -2.3 | -.43 |
| 09:00 | 8.7 | 5.1 | 7.3 | 9.4 | 6.0 | 10.4 | -1.9 | -.4 | -.56 |
| 10:00 | 7.9 | 5.1 | 7.0 | 8.6 | 6.0 | 9.6 | -4.9 | .8 | -.94 |
| 11:00 | 8.5 | 5.2 | 7.7 | 9.3 | 6.0 | 10.4 | -5.3 | -2.1 | -.92 |
| 12:00 | 7.3 | 4.4 | 6.5 | 8.1 | 5.1 | 9.0 | -2.8 | -.8 | -.62 |
| 13:00 | 5.8 | 3.6 | 5.6 | 6.7 | 4.7 | 7.7 | 1.6 | 5.4 | -.19 |
| 14:00 | 6.1 | 3.9 | 5.8 | 7.0 | 4.6 | 8.0 | -.8 | 1.4 | -.33 |
| 15:00 | 8.2 | 5.1 | 7.5 | 8.9 | 6.0 | 9.9 | -4.8 | -2.9 | -.87 |
| 16:00 | 5.9 | 3.6 | 5.4 | 6.5 | 4.4 | 7.4 | -3.8 | -.2 | -.59 |
| 17:00 | 5.0 | 3.3 | 4.5 | 5.4 | 3.9 | 6.0 | -5.1 | .4 | -.43 |
| 18:00 | 2.5 | 1.8 | 2.5 | 2.9 | 2.3 | 3.4 | -1.6 | -1.8 | -.12 |
| 19:00 | 3.5 | 1.9 | 3.2 | 4.0 | 2.5 | 4.8 | -1.4 | -2.1 | -.16 |
| 20:00 | 2.2 | 1.1 | 2.0 | 2.7 | 1.8 | 3.3 | .3 | -1.1 | -.06 |
| 21:00 | 5.3 | 2.7 | 4.9 | 5.8 | 3.3 | 6.5 | -2.7 | -2.8 | -.36 |
| 22:00 | 6.4 | 2.4 | 5.0 | 6.6 | 3.0 | 7.3 | 2.5 | 1.7 | -.07 |
| 23:00 | 6.8 | 3.4 | 5.9 | 7.2 | 4.1 | 8.0 | -2.4 | 1.0 | -.48 |
| Avg | .0 | 3.5 | 5.3 | 6.5 | 4.2 | 7.3 | -2.0 | -.7 | -.39 |
| Max | 8.7 | 5.2 | 7.7 | 9.4 | 6.0 | 10.4 | 2.5 | 5.4 | -.06 |
| Hr. of Max | 09 | 11 | 11 | 09 | 15 | 11 | 22 | 13 | 20 |
| Min | 2.2 | 1.1 | 2.0 | 2.7 | 1.8 | 3.3 | -5.3 | -2.9 | -.94 |
| 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)

11/1/2014

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 | -.61 | 12.6 | 14.0 | 17.6 | 14.8 | 19.2 | 20.9 | 16.2 |
| 01:00 | -.38 | 10.3 | 12.6 | 14.0 | 10.8 | 16.4 | 17.4 | 17.4 |
| 02:00 | -.34 | 11.4 | 14.7 | 19.2 | 12.8 | 15.4 | 18.1 | 12.5 |
| 03:00 | -.19 | 7.6 | 10.5 | 12.4 | 9.3 | 13.4 | 19.6 | 15.4 |
| 04:00 | -.24 | 9.4 | 10.8 | 11.9 | 10.1 | 12.8 | 13.7 | 8.7 |
| 05:00 | -.29 | 12.1 | 9.4 | 14.9 | 8.4 | 16.9 | 14.6 | 11.4 |
| 06:00 | -.62 | 13.5 | 15.8 | 20.2 | 13.8 | 21.6 | 19.7 | 15.8 |
| 07:00 | -.50 | 16.3 | 17.9 | 23.4 | 13.9 | 20.2 | 22.8 | 19.7 |
| 08:00 | -.44 | 14.0 | 16.9 | 17.4 | 17.1 | 19.7 | 23.4 | 19.8 |
| 09:00 | -.42 | 18.8 | 21.5 | 22.0 | 22.6 | 24.9 | 24.9 | 17.7 |
| 10:00 | -.49 | 18.3 | 25.0 | 25.4 | 22.4 | 25.2 | 23.8 | 19.9 |
| 11:00 | -.69 | 19.2 | 25.0 | 25.2 | 18.1 | 22.0 | 22.5 | 16.6 |
| 12:00 | -.63 | 16.7 | 22.4 | 17.9 | 17.4 | 20.7 | 24.2 | 18.7 |
| 13:00 | .10 | 17.4 | 17.4 | 19.2 | 18.6 | 22.5 | 27.5 | 25.1 |
| 14:00 | -.28 | 17.2 | 19.9 | 19.2 | 21.0 | 22.3 | 26.8 | 22.2 |
| 15:00 | -.93 | 14.2 | 19.2 | 19.5 | 18.5 | 22.5 | 22.5 | 17.4 |
| 16:00 | -.29 | 15.8 | 19.2 | 18.1 | 17.8 | 18.9 | 24.6 | 19.2 |
| 17:00 | -.27 | 10.3 | 12.8 | 14.7 | 12.5 | 16.5 | 18.5 | 19.7 |
| 18:00 | -.25 | 11.0 | 8.9 | 7.8 | 6.5 | 9.0 | 17.4 | 15.4 |
| 19:00 | -.23 | 8.2 | 11.0 | 12.8 | 9.2 | 14.7 | 27.9 | 22.9 |
| 20:00 | -.18 | 6.4 | 9.2 | 10.3 | 7.7 | 12.5 | 23.4 | 20.2 |
| 21:00 | -.39 | 11.7 | 15.3 | 16.9 | 12.1 | 17.7 | 22.8 | 13.3 |
| 22:00 | .08 | 12.4 | 12.4 | 17.9 | 12.4 | 17.4 | 26.4 | 12.8 |
| 23:00 | -.09 | 11.2 | 15.1 | 17.2 | 14.5 | 16.8 | 23.3 | 14.3 |
| Avg | -.36 | 13.2 | 15.7 | 17.3 | 14.3 | 18.3 | 21.9 | 17.2 |
| Max | .10 | 19.2 | 25.0 | 25.4 | 22.6 | 25.2 | 27.9 | 25.1 |
| Hr. of Max | 13 | 11 | 11 | 10 | 09 | 10 | 19 | 13 |
| Min | -.93 | 6.4 | 8.9 | 7.8 | 6.5 | 9.0 | 13.7 | 8.7 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |