Date Printed: 03/27/2015 01:20

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

# Daily Summary Report

Site: Tower "D" (1000 Area)

3/26/2015

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 | 18.7 | 19.4 | 19.4 | 19.5 | .73 | .71 | .76 | -.02 | .03 |
| 01:00 | 18.5 | 18.8 | 18.7 | 18.7 | .30 | .21 | .22 | -.08 | -.08 |
| 02:00 | 18.3 | 18.5 | 18.5 | 18.5 | .22 | .14 | .16 | -.08 | -.06 |
| 03:00 | 18.3 | 18.4 | 18.3 | 18.3 | .16 | .03 | .05 | -.12 | -.11 |
| 04:00 | 17.7 | 17.9 | 17.8 | 17.9 | .25 | .17 | .19 | -.08 | -.06 |
| 05:00 | 16.5 | 17.0 | 17.1 | 17.2 | .50 | .59 | .74 | .08 | .24 |
| 06:00 | 15.0 | 16.4 | 16.5 | 16.7 | 1.45 | 1.57 | 1.73 | .12 | .27 |
| 07:00 | 15.5 | 16.5 | 16.5 | 16.7 | .94 | 1.02 | 1.16 | .08 | .21 |
| 08:00 | 17.5 | 17.5 | 17.4 | 17.4 | .05 | -.11 | -.14 | -.16 | -.18 |
| 09:00 | 17.6 | 17.6 | 17.5 | 17.4 | .02 | -.15 | -.19 | -.17 | -.21 |
| 10:00 | 18.3 | 18.2 | 18.0 | 18.0 | -.04 | -.22 | -.28 | -.18 | -.24 |
| 11:00 | 20.2 | 19.8 | 19.5 | 19.4 | -.33 | -.62 | -.72 | -.29 | -.39 |
| 12:00 | 21.8 | 21.3 | 21.0 | 20.8 | -.53 | -.85 | -.99 | -.33 | -.46 |
| 13:00 | 23.3 | 22.5 | 22.1 | 22.0 | -.78 | -1.18 | -1.32 | -.40 | -.54 |
| 14:00 | 23.6 | 23.0 | 22.7 | 22.6 | -.55 | -.87 | -1.00 | -.32 | -.45 |
| 15:00 | 23.9 | 23.3 | 23.0 | 22.8 | -.53 | -.87 | -1.01 | -.34 | -.48 |
| 16:00 | 23.2 | 23.1 | 22.8 | 22.7 | -.13 | -.38 | -.48 | -.25 | -.35 |
| 17:00 | 19.5 | 19.4 | 19.2 | 19.2 | -.09 | -.28 | -.30 | -.20 | -.21 |
| 18:00 | 15.6 | 15.4 | 15.3 | 15.2 | -.17 | -.33 | -.38 | -.15 | -.21 |
| 19:00 | 13.5 | 13.4 | 13.2 | 13.2 | -.09 | -.23 | -.27 | -.13 | -.17 |
| 20:00 | 11.3 | 11.3 | 11.2 | 11.2 | -.05 | -.15 | -.13 | -.09 | -.08 |
| 21:00 | 9.8 | 9.8 | 9.6 | 9.7 | .00 | -.11 | -.11 | -.11 | -.11 |
| 22:00 | 9.3 | 9.2 | 9.1 | 9.1 | -.12 | -.23 | -.28 | -.11 | -.16 |
| 23:00 | 8.0 | 7.9 | 7.8 | 7.8 | -.04 | -.12 | -.14 | -.08 | -.10 |
| Avg | 17.3 | 17.3 | 17.2 | 17.2 | .05 | -.09 | -.11 | -.14 | -.16 |
| Max | 23.9 | 23.3 | 23.0 | 22.8 | 1.45 | 1.57 | 1.73 | .12 | .27 |
| Hr. of Max | 15 | 15 | 15 | 15 | 06 | 06 | 06 | 06 | 06 |
| Min | 8.0 | 7.9 | 7.8 | 7.8 | -.78 | -1.18 | -1.32 | -.40 | -.54 |
| 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)

3/26/2015

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 | 11.6 | 11.6 | 14.0 | 15.9 | 64.6 | 61.7 | 10.2 | 10.2 | 0.008817 |
| 01:00 | 12.2 | 12.2 | 14.3 | 15.7 | 67.9 | 66.8 | 10.6 | 10.6 | 0.009148 |
| 02:00 | 12.8 | 12.8 | 14.6 | 15.6 | 71.4 | 70.6 | 11.0 | 11.1 | 0.009519 |
| 03:00 | 12.8 | 12.8 | 14.6 | 15.5 | 71.8 | 71.1 | 11.1 | 11.1 | 0.009549 |
| 04:00 | 12.5 | 12.5 | 14.2 | 15.4 | 72.8 | 72.0 | 10.8 | 10.9 | 0.009329 |
| 05:00 | 12.5 | 12.7 | 13.8 | 15.3 | 78.5 | 77.0 | 10.9 | 11.0 | 0.009331 |
| 06:00 | 12.2 | 13.0 | 13.1 | 15.1 | 84.8 | 81.4 | 10.7 | 11.2 | 0.00915 |
| 07:00 | 12.8 | 13.1 | 13.7 | 15.0 | 85.3 | 82.1 | 11.1 | 11.3 | 0.009546 |
| 08:00 | 13.4 | 13.3 | 14.8 | 14.9 | 78.2 | 77.5 | 11.5 | 11.4 | 0.00992 |
| 09:00 | 13.5 | 13.5 | 14.9 | 14.8 | 78.4 | 78.0 | 11.6 | 11.6 | 0.010015 |
| 10:00 | 13.8 | 13.7 | 15.3 | 14.8 | 76.6 | 76.1 | 11.8 | 11.7 | 0.010203 |
| 11:00 | 13.5 | 13.2 | 15.7 | 14.8 | 66.7 | 66.9 | 11.5 | 11.3 | 0.009999 |
| 12:00 | 12.4 | 12.1 | 15.6 | 15.0 | 56.4 | 56.9 | 10.7 | 10.5 | 0.009374 |
| 13:00 | 11.7 | 11.3 | 15.6 | 15.3 | 49.1 | 50.1 | 10.1 | 9.9 | 0.008948 |
| 14:00 | 11.2 | 10.9 | 15.4 | 15.7 | 46.8 | 47.2 | 9.8 | 9.6 | 0.008699 |
| 15:00 | 10.6 | 10.2 | 15.0 | 16.2 | 44.2 | 44.5 | 9.4 | 9.2 | 0.008352 |
| 16:00 | 10.1 | 9.9 | 14.5 | 16.5 | 44.6 | 44.1 | 9.2 | 9.0 | 0.008096 |
| 17:00 | 12.0 | 11.9 | 14.5 | 16.7 | 65.7 | 65.9 | 10.5 | 10.5 | 0.00917 |
| 18:00 | 13.7 | 13.6 | 14.3 | 16.7 | 90.0 | 90.6 | 11.8 | 11.8 | 0.010186 |
| 19:00 | 11.0 | 10.9 | 11.8 | 16.6 | 86.4 | 86.5 | 10.0 | 9.9 | 0.00851 |
| 20:00 | 8.8 | 8.5 | 9.6 | 16.5 | 85.5 | 84.3 | 8.6 | 8.5 | 0.007297 |
| 21:00 | 7.9 | 7.5 | 8.5 | 16.2 | 89.4 | 86.9 | 8.2 | 8.0 | 0.006861 |
| 22:00 | 7.9 | 7.6 | 8.4 | 15.9 | 92.0 | 90.7 | 8.2 | 8.0 | 0.006858 |
| 23:00 | 6.6 | 6.4 | 7.1 | 15.6 | 92.1 | 90.9 | 7.5 | 7.4 | 0.006252 |
| Avg | 11.6 | 11.5 | 13.5 | 15.7 | 72.5 | 71.7 | 10.3 | 10.2 | 0.00888 |
| Max | 13.8 | 13.7 | 15.7 | 16.7 | 92.1 | 90.9 | 11.8 | 11.8 | 0.010203 |
| Hr. of Max | 10 | 10 | 11 | 18 | 23 | 23 | 18 | 18 | 10 |
| Min | 6.6 | 6.4 | 7.1 | 14.8 | 44.2 | 44.1 | 7.5 | 7.4 | 0.006252 |
| 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)

3/26/2015

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 | 0.008813 | 13.8 | 13.8 | .00 | 29.09 | 985.2 | -1.7 | .00 | 223.5 |
| 01:00 | 0.009169 | 14.3 | 14.3 | .00 | 29.09 | 985.1 | -3.6 | -.01 | 226.5 |
| 02:00 | 0.00955 | 14.8 | 14.9 | .00 | 29.07 | 984.6 | -2.4 | .00 | 222.6 |
| 03:00 | 0.009551 | 14.9 | 14.9 | .00 | 29.05 | 983.9 | -.9 | .00 | 218.1 |
| 04:00 | 0.009367 | 14.5 | 14.6 | .00 | 29.03 | 983.1 | -1.7 | .00 | 213.1 |
| 05:00 | 0.009447 | 14.5 | 14.7 | .00 | 29.01 | 982.5 | -1.3 | .00 | 229.2 |
| 06:00 | 0.009632 | 14.2 | 15.0 | .00 | 29.01 | 982.4 | -2.7 | .00 | 239.3 |
| 07:00 | 0.009749 | 14.9 | 15.2 | .00 | 29.02 | 982.6 | 2.9 | .00 | 232.4 |
| 08:00 | 0.009867 | 15.4 | 15.3 | .00 | 29.01 | 982.4 | 80.7 | .12 | 214.5 |
| 09:00 | 0.009987 | 15.6 | 15.5 | .00 | 29.00 | 982.1 | 59.8 | .09 | 215.8 |
| 10:00 | 0.010113 | 15.8 | 15.7 | .00 | 28.99 | 981.6 | 130.4 | .19 | 217.4 |
| 11:00 | 0.009829 | 15.5 | 15.3 | .00 | 28.96 | 980.8 | 363.8 | .52 | 217.3 |
| 12:00 | 0.009161 | 14.5 | 14.2 | .00 | 28.94 | 979.9 | 522.5 | .75 | 225.2 |
| 13:00 | 0.008701 | 13.9 | 13.5 | .00 | 28.89 | 978.5 | 699.9 | 1.00 | 224.2 |
| 14:00 | 0.008485 | 13.5 | 13.2 | .00 | 28.87 | 977.7 | 601.7 | .86 | 198.0 |
| 15:00 | 0.00814 | 12.9 | 12.6 | .00 | 28.83 | 976.4 | 525.1 | .75 | 203.7 |
| 16:00 | 0.007947 | 12.5 | 12.3 | .00 | 28.82 | 975.8 | 203.8 | .29 | 202.2 |
| 17:00 | 0.009141 | 14.2 | 14.1 | .04 | 28.83 | 976.2 | 46.4 | .07 | 261.8 |
| 18:00 | 0.010133 | 15.7 | 15.7 | .01 | 28.85 | 976.9 | 64.9 | .09 | 265.8 |
| 19:00 | 0.008463 | 13.2 | 13.1 | .02 | 28.87 | 977.9 | 6.7 | .01 | 272.1 |
| 20:00 | 0.007176 | 11.4 | 11.2 | .02 | 28.90 | 978.9 | -2.2 | .00 | 323.5 |
| 21:00 | 0.006671 | 10.7 | 10.4 | .05 | 28.94 | 980.1 | -2.4 | .00 | 324.2 |
| 22:00 | 0.006709 | 10.7 | 10.5 | .05 | 28.99 | 981.6 | -2.3 | .00 | 53.2 |
| 23:00 | 0.006156 | 9.8 | 9.6 | .11 | 29.00 | 982.2 | -1.9 | .00 | 30.8 |
| Avg | 0.008832 | 13.8 | 13.7 | .01 | 28.96 | 980.8 | 136.9 | .20 | 233.0 |
| Max | 0.010133 | 15.8 | 15.7 | .11 | 29.09 | 985.2 | 699.9 | 1.00 | 324.2 |
| Hr. of Max | 18 | 10 | 18 | 23 | 01 | 00 | 13 | 13 | 21 |
| Min | 0.006156 | 9.8 | 9.6 | .00 | 28.82 | 975.8 | -3.6 | -.01 | 30.8 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "D" (1000 Area)

3/26/2015

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 | 215.1 | 205.0 | 227.8 | 206.5 | 17.1 | 13.3 | 11.5 | 3.4 | 5.2 |
| 01:00 | 220.3 | 210.2 | 230.7 | 211.9 | 20.4 | 15.9 | 13.4 | 3.0 | 4.7 |
| 02:00 | 222.4 | 214.8 | 228.2 | 216.5 | 21.4 | 15.0 | 12.0 | 3.7 | 5.8 |
| 03:00 | 221.3 | 217.1 | 223.3 | 219.3 | 17.8 | 14.1 | 10.5 | 5.3 | 7.7 |
| 04:00 | 215.9 | 212.4 | 218.7 | 214.6 | 18.5 | 13.9 | 10.3 | 4.9 | 7.1 |
| 05:00 | 228.8 | 222.5 | 233.7 | 224.8 | 14.5 | 9.8 | 7.2 | 3.6 | 6.2 |
| 06:00 | 243.8 | 235.6 | 242.5 | 237.5 | 24.7 | 13.0 | 10.1 | 2.0 | 4.1 |
| 07:00 | 237.3 | 232.7 | 237.2 | 234.7 | 18.0 | 11.5 | 9.0 | 4.1 | 6.6 |
| 08:00 | 217.3 | 216.2 | 220.4 | 218.5 | 19.1 | 15.8 | 11.9 | 7.3 | 9.9 |
| 09:00 | 221.1 | 217.9 | 221.5 | 219.9 | 19.7 | 15.2 | 12.2 | 6.9 | 9.7 |
| 10:00 | 222.7 | 220.4 | 223.0 | 222.5 | 20.4 | 16.3 | 12.2 | 7.9 | 10.6 |
| 11:00 | 222.8 | 222.8 | 222.4 | 225.0 | 22.9 | 17.8 | 14.2 | 7.8 | 10.7 |
| 12:00 | 230.7 | 229.8 | 231.0 | 231.8 | 23.0 | 17.9 | 13.4 | 9.8 | 13.5 |
| 13:00 | 227.3 | 225.8 | 229.1 | 228.0 | 20.9 | 17.8 | 14.3 | 8.6 | 11.1 |
| 14:00 | 203.0 | 205.3 | 203.0 | 206.9 | 24.3 | 19.6 | 17.3 | 8.9 | 11.3 |
| 15:00 | 209.4 | 209.7 | 208.6 | 211.7 | 27.6 | 23.5 | 19.8 | 8.4 | 11.1 |
| 16:00 | 207.7 | 205.4 | 207.5 | 207.1 | 23.4 | 20.0 | 16.3 | 8.5 | 11.0 |
| 17:00 | 268.7 | 270.1 | 265.8 | 269.0 | 30.1 | 24.5 | 24.3 | 5.7 | 7.6 |
| 18:00 | 280.7 | 287.9 | 268.8 | 286.6 | 29.6 | 24.7 | 21.8 | 3.4 | 4.9 |
| 19:00 | 284.7 | 291.7 | 275.5 | 290.5 | 31.2 | 27.5 | 21.1 | 5.0 | 6.9 |
| 20:00 | 335.2 | 336.8 | 322.6 | 332.5 | 34.5 | 25.4 | 23.2 | 3.1 | 5.3 |
| 21:00 | 341.3 | 350.6 | 315.0 | 343.2 | 65.1 | 52.4 | 45.4 | .7 | 1.7 |
| 22:00 | 78.1 | 84.6 | 64.4 | 76.6 | 55.2 | 35.6 | 35.1 | .7 | 1.7 |
| 23:00 | 30.0 | 29.1 | 31.7 | 23.5 | 27.7 | 17.0 | 14.5 | 2.8 | 5.1 |
| Avg | 235.0 | 231.0 | 237.0 | 234.0 | 26.1 | 19.9 | 16.7 | .0 | .0 |
| Max | 341.3 | 350.6 | 322.6 | 343.2 | 65.1 | 52.4 | 45.4 | 9.8 | 13.5 |
| Hr. of Max | 21 | 21 | 20 | 21 | 21 | 21 | 21 | 12 | 12 |
| Min | 30.0 | 29.1 | 31.7 | 23.5 | 14.5 | 9.8 | 7.2 | .7 | 1.7 |
| 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)

3/26/2015

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 | 6.7 | 3.5 | 5.4 | 6.8 | 4.1 | 7.2 | -.4 | -1.0 | -.08 |
| 01:00 | 6.0 | 3.3 | 4.9 | 6.2 | 3.9 | 6.6 | -.8 | -.6 | -.13 |
| 02:00 | 7.6 | 4.0 | 6.0 | 7.8 | 4.5 | 8.3 | 1.1 | .1 | -.01 |
| 03:00 | 9.9 | 5.5 | 7.9 | 10.1 | 6.1 | 10.8 | -.4 | .4 | -.17 |
| 04:00 | 9.4 | 5.2 | 7.4 | 9.6 | 5.7 | 10.2 | .5 | .3 | -.08 |
| 05:00 | 8.5 | 3.7 | 6.4 | 8.7 | 4.1 | 9.2 | .4 | .6 | -.04 |
| 06:00 | 6.2 | 2.3 | 4.2 | 6.3 | 2.7 | 6.8 | -.8 | 1.4 | -.06 |
| 07:00 | 9.0 | 4.4 | 6.9 | 9.2 | 4.8 | 9.8 | .2 | .4 | -.07 |
| 08:00 | 12.6 | 7.7 | 10.3 | 12.9 | 8.4 | 13.7 | 1.3 | .5 | .02 |
| 09:00 | 11.9 | 7.3 | 10.0 | 12.2 | 8.2 | 13.0 | .8 | 1.3 | -.14 |
| 10:00 | 13.1 | 8.4 | 11.0 | 13.4 | 9.1 | 14.3 | 1.0 | 1.2 | -.12 |
| 11:00 | 13.1 | 8.4 | 11.2 | 13.5 | 9.4 | 14.5 | 1.7 | 2.2 | -.08 |
| 12:00 | 16.1 | 10.6 | 14.1 | 16.5 | 11.6 | 17.7 | 1.2 | 1.3 | -.09 |
| 13:00 | 13.2 | 9.3 | 11.7 | 13.7 | 9.9 | 14.7 | 1.3 | .2 | -.02 |
| 14:00 | 13.2 | 9.7 | 12.0 | 13.8 | 10.6 | 14.7 | 1.6 | 2.6 | .01 |
| 15:00 | 13.2 | 9.3 | 11.9 | 13.9 | 10.1 | 14.9 | 2.4 | 2.6 | .03 |
| 16:00 | 13.6 | 9.2 | 11.6 | 14.1 | 9.8 | 14.9 | 2.5 | 1.1 | .05 |
| 17:00 | 8.9 | 7.4 | 10.3 | 12.5 | 8.0 | 12.9 | -.2 | -.1 | -.31 |
| 18:00 | 6.2 | 3.8 | 5.3 | 6.6 | 4.4 | 6.9 | -.3 | .1 | -.21 |
| 19:00 | 8.8 | 5.6 | 7.6 | 9.4 | 6.2 | 9.8 | -1.4 | -.9 | -.42 |
| 20:00 | 7.2 | 4.0 | 6.2 | 7.9 | 4.6 | 8.6 | -2.2 | -.3 | -.41 |
| 21:00 | 3.0 | 1.7 | 2.9 | 4.0 | 2.3 | 4.5 | 1.8 | .8 | -.02 |
| 22:00 | 2.4 | 1.9 | 3.2 | 3.7 | 2.4 | 4.3 | 5.9 | 11.2 | .18 |
| 23:00 | 6.2 | 3.1 | 5.4 | 6.5 | 3.5 | 7.0 | -1.8 | -1.0 | -.30 |
| Avg | .0 | 5.8 | 8.1 | 10.0 | 6.4 | 10.6 | .6 | 1.0 | -.10 |
| Max | 16.1 | 10.6 | 14.1 | 16.5 | 11.6 | 17.7 | 5.9 | 11.2 | .18 |
| Hr. of Max | 12 | 12 | 12 | 12 | 12 | 12 | 22 | 22 | 22 |
| Min | 2.4 | 1.7 | 2.9 | 3.7 | 2.3 | 4.3 | -2.2 | -1.0 | -.42 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "D" (1000 Area)

3/26/2015

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 | -.18 | 8.5 | 9.6 | 15.3 | 8.9 | 13.1 | 10.7 | 8.8 |
| 01:00 | -.13 | 9.2 | 10.3 | 16.7 | 9.8 | 13.2 | 12.7 | 9.5 |
| 02:00 | -.03 | 10.5 | 11.7 | 14.2 | 10.4 | 15.7 | 15.1 | 8.8 |
| 03:00 | -.05 | 12.6 | 16.0 | 19.7 | 13.7 | 19.0 | 14.0 | 8.3 |
| 04:00 | -.04 | 13.3 | 14.7 | 18.5 | 13.6 | 20.0 | 13.8 | 7.8 |
| 05:00 | .06 | 12.4 | 14.9 | 17.6 | 8.4 | 14.3 | 10.8 | 4.9 |
| 06:00 | .13 | 5.7 | 8.2 | 14.7 | 6.2 | 10.2 | 7.8 | 5.2 |
| 07:00 | .03 | 15.6 | 18.5 | 20.2 | 17.7 | 21.7 | 11.3 | 6.1 |
| 08:00 | -.05 | 19.0 | 26.8 | 26.1 | 24.3 | 29.5 | 14.8 | 8.9 |
| 09:00 | .10 | 18.8 | 20.4 | 27.5 | 20.4 | 23.3 | 14.7 | 9.5 |
| 10:00 | .13 | 19.7 | 22.9 | 25.6 | 22.1 | 27.2 | 15.0 | 9.2 |
| 11:00 | .14 | 24.7 | 30.5 | 39.4 | 23.7 | 29.3 | 16.3 | 12.6 |
| 12:00 | .09 | 23.8 | 27.2 | 38.0 | 28.6 | 30.1 | 15.2 | 10.8 |
| 13:00 | -.14 | 19.9 | 36.2 | 39.4 | 22.6 | 27.8 | 15.0 | 10.5 |
| 14:00 | .35 | 22.7 | 22.7 | 24.0 | 24.4 | 26.5 | 15.5 | 13.1 |
| 15:00 | .23 | 25.4 | 32.1 | 30.9 | 23.6 | 27.9 | 17.6 | 14.1 |
| 16:00 | .03 | 25.0 | 29.3 | 28.6 | 26.8 | 30.6 | 17.2 | 12.0 |
| 17:00 | -.38 | 24.3 | 23.8 | 26.1 | 25.0 | 29.2 | 19.0 | 13.5 |
| 18:00 | -.31 | 12.1 | 16.3 | 22.7 | 11.3 | 16.6 | 20.6 | 16.6 |
| 19:00 | -.47 | 16.3 | 18.5 | 21.3 | 18.3 | 22.1 | 20.8 | 15.4 |
| 20:00 | -.38 | 18.1 | 21.5 | 20.8 | 19.5 | 22.7 | 22.1 | 16.9 |
| 21:00 | -.11 | 7.8 | 12.6 | 13.5 | 7.9 | 14.1 | 20.6 | 15.6 |
| 22:00 | .58 | 7.3 | 13.3 | 12.8 | 9.0 | 13.8 | 19.7 | 17.7 |
| 23:00 | -.22 | 10.1 | 11.4 | 14.4 | 11.8 | 15.9 | 18.6 | 9.8 |
| Avg | -.03 | 16.0 | 19.6 | 22.8 | 17.0 | 21.4 | 15.8 | 11.1 |
| Max | .58 | 25.4 | 36.2 | 39.4 | 28.6 | 30.6 | 22.1 | 17.7 |
| Hr. of Max | 22 | 15 | 13 | 13 | 12 | 16 | 20 | 22 |
| Min | -.47 | 5.7 | 8.2 | 12.8 | 6.2 | 10.2 | 7.8 | 4.9 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |