Date Printed: 11/19/2018 14:53

# Daily Summary Report

Site: Tower "F" (8500 Area)

8/15/2018

Interval: 001h

| | )1_TempC_010m | )2_TempF_010m | ı_SonicTemp_01 | 05_RH_010m | 6_AbsHum_010r | 7_Mix Ratio_010ı | Sat Mix Ratio_01 | )9_VaporPr_010n | Sat Vapor_Pr_01 |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGF | DEGC | PERCENT | None | COUNT | COUNT | KPa | KPa |
| 00:00 | 23.1 | 73.5 | 23.3 | 72.1 | 14.6 | 0.012865 | 0.017917 | 19.9 | 28.3 |
| 01:00 | 22.1 | 71.8 | 22.4 | 76.3 | 14.7 | 0.012897 | 0.016903 | 20.0 | 26.7 |
| 02:00 | 22.9 | 73.3 | 23.1 | 70.1 | 14.1 | 0.012453 | 0.01776 | 19.3 | 28.1 |
| 03:00 | 22.0 | 71.6 | 22.3 | 74.5 | 14.2 | 0.012498 | 0.016819 | 19.4 | 26.6 |
| 04:00 | 20.4 | 68.8 | 21.0 | 84.1 | 14.6 | 0.012804 | 0.015232 | 19.8 | 24.1 |
| 05:00 | 20.1 | 68.2 | 20.8 | 86.1 | 14.7 | 0.012855 | 0.014931 | 19.9 | 23.6 |
| 06:00 | 19.9 | 67.8 | 20.5 | 87.7 | 14.8 | 0.012907 | 0.014714 | 20.0 | 23.3 |
| 07:00 | 19.4 | 66.9 | 20.0 | 90.3 | 14.8 | 0.012877 | 0.014258 | 19.9 | 22.5 |
| 08:00 | 19.9 | 67.9 > | 20.7 | 90.4 | 15.3 > | 0.013332 > | 0.014745 > | 20.6 > | 23.3 > |
| 09:00 | 20.6 | 69.1 | 21.7 | 78.2 | 13.8 | 0.01203 | 0.015399 | 18.7 | 24.4 |
| 10:00 | 22.1 | 71.8 | 22.5 | 72.3 | 13.9 | 0.012216 | 0.016888 | 19.0 | 26.7 |
| 11:00 | 23.5 | 74.2 | 23.5 | 69.7 | 14.4 | 0.012739 | 0.018303 | 19.8 | 29.0 |
| 12:00 | 25.0 | 77.0 | 24.6 | 57.5 | 13.0 | 0.011516 | 0.020102 | 17.9 | 31.8 |
| 13:00 | 26.4 | 79.6 | 25.7 | 52.2 | 12.8 | 0.011401 | 0.021878 | 17.7 | 34.6 |
| 14:00 | 27.3 | 81.1 | 26.4 | 47.8 | 12.3 | 0.010993 | 0.023017 | 17.1 | 36.4 |
| 15:00 | 27.4 | 81.2 | 26.6 | 51.1 | 13.2 | 0.011802 | 0.023101 | 18.3 | 36.5 |
| 16:00 | 27.2 | 80.9 | 26.4 | 52.0 | 13.3 | 0.011873 | 0.022849 | 18.4 | 36.1 |
| 17:00 | 27.4 | 81.3 | 26.7 | 52.8 | 13.7 | 0.012241 | 0.023179 | 19.0 | 36.6 |
| 18:00 | 27.3 | 81.1 | 26.8 | 58.2 | 14.9 | 0.013391 | 0.023018 | 20.7 | 36.4 |
| 19:00 | 26.8 | 80.2 | 26.5 | 61.9 | 15.5 | 0.01384 | 0.022356 | 21.4 | 35.3 |
| 20:00 | 25.4 | 77.7 | 25.3 | 70.3 | 16.2 | 0.014418 | 0.020542 | 22.3 | 32.5 |
| 21:00 | 24.3 | 75.8 | 24.5 | 75.7 | 16.5 | 0.014624 | 0.019313 | 22.6 | 30.5 |
| 22:00 | 23.9 | 75.1 | 24.1 | 75.5 | 16.0 | 0.014221 | 0.018848 | 22.0 | 29.8 |
| 23:00 | 23.5 | 74.3 | 23.7 | 76.5 | 15.9 | 0.01406 | 0.018385 | 21.7 | 29.1 |
| Avg | 23.7 | 74.6 | 23.7 | 70.1 | 14.5 | 0.012786 | 0.018769 | 19.8 | 29.7 |
| Max | 27.4 | 81.3 | 26.8 | 90.4 | 16.5 | 0.014624 | 0.023179 | 22.6 | 36.6 |
| Hr. of Max | 17 | 17 | 18 | 08 | 21 | 21 | 17 | 21 | 17 |
| Min | 19.4 | 66.9 | 20.0 | 47.8 | 12.3 | 0.010993 | 0.014258 | 17.1 | 22.5 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

8/15/2018

Interval: 001h

| | 11_LHV_010m | 13_Precip_mm | 14_Precip_In | 15_BarPres_In | 15a_BarPres_In | 16_BarPres_Mb | '_Solar_Rad_Wn | 3_Solar_Rad_Lar | 19_WDir_010m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | None | VAR | INCHES | INHG | INHG | KPa | W/M2 | Langleys | DEG |
| 00:00 | 2436495.2 | 918.0 | .00 | 29.03 | 28.86 | 983.1 | -.3 | .00 | 80.3 |
| 01:00 | 2438728.4 | 918.0 | .00 | 29.03 | 28.87 | 983.3 | -.3 | .00 | 318.0 |
| 02:00 | 2436804.1 | 918.0 | .00 | 29.03 | 28.86 | 983.1 | -.2 | .00 | 308.6 |
| 03:00 | 2438970.7 | 918.0 | .00 | 29.03 | 28.86 | 983.1 | -.3 | .00 | 331.4 |
| 04:00 | 2442769.2 | 918.0 | .00 | 29.03 | 28.86 | 983.1 | -.1 | .00 | 199.3 |
| 05:00 | 2443528.2 | 918.0 | .00 | 29.03 | 28.86 | 983.1 | -.2 - | .00 - | 15.0 |
| 06:00 | 2444087.4 | 918.0 | .00 | 29.03 | 28.86 | 983.1 | 2.2 | .00 | 73.2 |
| 07:00 | 2445276.8 | 918.0 | .00 | 29.03 | 28.87 | 983.3 | 31.9 | .05 | 81.6 |
| 08:00 | 2443979.9 > | 918.0 > | .00 | 29.05 | 28.90 > | 983.7 > | 123.2 > | .18 | 91.5 |
| 09:00 | 2442307.6 | 918.0 | .00 | 29.06 | 28.91 | 983.9 | 268.2 | .38 | 192.9 |
| 10:00 | 2438762.7 | 918.0 | .00 | 29.06 | 28.92 | 984.1 | 248.0 | .36 | 207.1 |
| 11:00 | 2435580.5 | 918.0 | .00 | 29.06 | 28.93 | 984.2 | 351.8 | .50 | 35.3 |
| 12:00 | 2431902.1 | 918.0 | .00 | 29.06 | 28.92 | 984.1 | 684.1 | .98 | 252.9 |
| 13:00 | 2428506.6 | 918.0 | .00 | 29.06 | 28.91 | 984.0 | 813.2 | 1.17 | 206.8 |
| 14:00 | 2426449.1 | 918.0 | .00 | 29.05 | 28.90 | 983.8 | 550.3 | .79 | 290.8 |
| 15:00 | 2426316.8 | 918.0 | .00 | 29.04 | 28.88 | 983.5 | 285.5 | .41 | 257.9 |
| 16:00 | 2426758.3 | 918.0 | .00 | 29.04 | 28.88 | 983.4 | 248.8 | .36 | 334.9 |
| 17:00 | 2426179.7 | 918.0 | .00 | 29.04 | 28.88 | 983.4 | 281.6 | .40 | 251.0 |
| 18:00 | 2426460.3 | 918.0 | .00 | 29.04 | 28.88 | 983.4 | 228.5 | .33 | 51.2 |
| 19:00 | 2427642.7 | 918.0 | .00 | 29.04 | 28.88 | 983.4 | 66.6 | .10 | 102.8 |
| 20:00 | 2431053.0 | 918.0 | .00 | 29.04 | 28.88 | 983.4 | 2.7 | .00 | 68.5 |
| 21:00 | 2433476.5 | 918.0 | .00 | 29.04 | 28.90 | 983.7 | .0 | .00 | 50.4 |
| 22:00 | 2434436.4 | 918.0 | .00 | 29.05 | 28.90 | 983.8 | -.2 | .00 | 67.1 |
| 23:00 | 2435417.0 | 918.0 | .00 | 29.05 | 28.90 | 983.8 | -.2 | .00 | 57.3 |
| Avg | 2435078.7 | 918.0 | .00 | 29.04 | 28.89 | 983.5 | 174.3 | .25 | 33.0 |
| Max | 2445276.8 | 918.0 | .00 | 29.06 | 28.93 | 984.2 | 813.2 | 1.17 | 334.9 |
| Hr. of Max | 07 | 23 | 23 | 13 | 11 | 11 | 13 | 13 | 16 |
| Min | 2426179.7 | 918.0 | .00 | 29.03 | 28.86 | 983.1 | -.3 | .00 | 15.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

8/15/2018

Interval: 001h

| | 20_VWDir_010m | 21_Sigma_010m | 22_RWSpd_010m | 23_WSpd_010m | 24_WSpdms_10m | 25_WElev_010m | 26_VSSpd_010m | 29_PkWsH_010m | 30_SigPhi_010m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEG | DEG | MPH | MPH | M/SEC | DEG | MPH | MPH | DEG |
| 00:00 | 58.9 | 50.0 | .7 | 2.4 | 1.1 | -9.5 | -.42 | 4.7 | 7.2 |
| 01:00 | 324.8 | 33.1 | 1.0 | 1.5 | .7 | -10.3 | -.31 | 4.1 | 8.9 |
| 02:00 | 306.7 | 18.2 | 1.7 | 2.1 | .9 | -12.0 | -.49 | 3.9 | 8.0 |
| 03:00 | 355.5 | 31.5 | .8 | 1.8 | .8 | -10.3 | -.39 | 3.8 | 8.4 |
| 04:00 | 242.3 | 39.4 | .8 | 1.5 | .7 | -5.9 | -.20 | 5.3 | 9.9 |
| 05:00 | 18.4 | 44.1 | 1.9 | 2.3 | 1.0 | -14.9 | -.70 | 4.4 | 7.4 |
| 06:00 | 72.5 | 8.6 | 2.9 | 3.0 | 1.3 | -11.6 | -.63 | 5.3 | 5.9 |
| 07:00 | 84.6 | 12.2 | 2.7 | 2.8 | 1.2 | -9.8 | -.49 | 5.9 | 10.3 |
| 08:00 | 94.4 | 43.9 | 2.2 | 2.5 | 1.2 > | -4.2 | -.31 > | < | 17.3 |
| 09:00 | 199.2 | 48.0 | 1.7 | 2.0 | .9 | 1.4 | -.01 | 4.5 | 20.9 |
| 10:00 | 206.7 | 33.8 | 1.6 | 1.8 | .8 | .0 | -.02 | 4.0 | 22.1 |
| 11:00 | 41.7 | 51.0 | .6 | 1.4 | .6 | .5 | -.08 | 3.5 | 26.2 |
| 12:00 | 243.8 | 58.0 | .8 | 1.9 | .8 | -3.3 | -.14 | 5.3 | 26.4 |
| 13:00 | 206.8 | 45.9 | 2.4 | 3.4 | 1.5 | -1.2 | -.14 | 9.2 | 20.0 |
| 14:00 | 279.1 | 32.0 | 2.8 | 3.3 | 1.5 | -10.7 | -.64 | 9.2 | 18.5 |
| 15:00 | 258.4 | 29.4 | 2.4 | 2.7 | 1.2 | -1.5 | -.14 | 6.4 | 17.3 |
| 16:00 | 335.8 | 15.4 | 1.2 | 1.4 | .6 | -17.4 | -.46 | 2.8 | 9.3 |
| 17:00 | 249.8 | 24.9 | 1.2 | 1.5 | .7 | -1.8 | -.05 | 3.1 | 19.8 |
| 18:00 | 65.0 | 29.8 | 1.4 | 1.8 | .8 | -7.0 | -.21 | 4.5 | 17.4 |
| 19:00 | 103.1 | 8.4 | 3.6 | 3.7 | 1.7 | -3.1 | -.21 | 6.0 | 8.5 |
| 20:00 | 68.8 | 9.5 | 3.9 | 4.0 | 1.8 | -12.9 | -.95 | 6.9 | 7.1 |
| 21:00 | 49.7 | 10.9 | 3.3 | 3.4 | 1.5 | -13.8 | -.87 | 5.7 | 6.2 |
| 22:00 | 67.4 | 9.2 | 3.4 | 3.6 | 1.6 | -11.1 | -.74 | 6.8 | 7.6 |
| 23:00 | 57.9 | 10.5 | 3.5 | 3.6 | 1.6 | -13.1 | -.88 | 5.8 | 6.8 |
| Avg | 61.6 | 29.1 | .7 | 2.5 | 1.1 | -7.6 | -.40 | 5.3 | 13.2 |
| Max | 355.5 | 58.0 | 3.9 | 4.0 | 1.8 | 1.4 | -.01 | 9.2 | 26.4 |
| Hr. of Max | 03 | 12 | 20 | 20 | 20 | 09 | 09 | 14 | 12 |
| Min | 18.4 | 8.4 | .6 | 1.4 | .6 | -17.4 | -.95 | 2.8 | 5.9 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 24 |
| Total | | | | | | | | | |