Date Printed: 11/6/2018 19:41

# Daily Summary Report

Site: Tower "F" (8500 Area)

9/26/2018

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 | 21.7 | 71.0 | 22.1 | 87.4 | 16.3 | 0.014355 | 0.016431 | 22.2 | 26.0 |
| 01:00 | 21.2 | 70.3 | 21.8 | 88.6 | 16.1 | 0.01418 | 0.016011 | 21.9 | 25.3 |
| 02:00 | 21.3 | 70.3 | 21.8 | 89.5 | 16.3 | 0.014357 | 0.016049 | 22.2 | 25.4 |
| 03:00 | 21.3 | 70.4 | 21.8 | 89.3 | 16.3 | 0.014348 | 0.016073 | 22.2 | 25.4 |
| 04:00 | 21.1 | 69.9 | 21.6 | 89.6 | 16.2 | 0.014193 | 0.015833 | 21.9 | 25.0 |
| 05:00 | 21.2 | 70.2 | 21.8 | 89.6 | 16.3 | 0.014304 | 0.015968 | 22.1 | 25.2 |
| 06:00 | 21.2 | 70.2 | 21.8 | 89.5 | 16.3 | 0.014333 | 0.016012 | 22.1 | 25.3 |
| 07:00 | 21.2 | 70.3 | 21.7 | 89.5 | 16.3 | 0.014341 | 0.016028 | 22.2 | 25.3 |
| 08:00 | 21.2 | 70.1 | 21.6 | 89.4 | 16.2 | 0.014239 | 0.015932 | 22.0 | 25.2 |
| 09:00 | 20.9 | 69.6 | 21.4 | 89.7 | 16.0 | 0.014053 | 0.015666 | 21.7 | 24.8 |
| 10:00 | 20.7 | 69.2 | 21.3 | 89.9 | 15.9 | 0.013908 | 0.015472 | 21.5 | 24.5 |
| 11:00 | 20.5 | 68.8 | 21.1 | 90.2 | 15.7 | 0.013761 | 0.015254 | 21.3 | 24.1 |
| 12:00 | 20.4 | 68.7 | 21.0 | 90.5 | 15.7 | 0.01376 | 0.015196 | 21.3 | 24.0 |
| 13:00 | 20.7 | 69.3 | 21.3 | 90.3 | 15.9 | 0.013986 | 0.015491 | 21.6 | 24.5 |
| 14:00 | 20.8 | 69.5 | 21.5 | 90.0 | 16.0 | 0.014032 | 0.015596 | 21.7 | 24.7 |
| 15:00 | 21.0 | 69.7 | 21.6 | 89.8 | 16.1 | 0.014135 | 0.015741 | 21.8 | 24.9 |
| 16:00 | 21.4 | 70.6 | 21.8 | 88.2 | 16.2 | 0.014282 | 0.016196 | 22.1 | 25.6 |
| 17:00 | 21.5 | 70.7 | 21.9 | 85.3 | 15.8 | 0.013895 | 0.016285 | 21.5 | 25.7 |
| 18:00 | 21.4 | 70.4 | 21.8 | 87.4 | 16.0 | 0.014091 | 0.016132 | 21.8 | 25.5 |
| 19:00 | 21.2 | 70.2 | 21.7 | 88.5 | 16.1 | 0.014149 | 0.015995 | 21.9 | 25.3 |
| 20:00 | 21.1 | 70.0 | 21.5 | 88.9 | 16.1 | 0.014126 | 0.015885 | 21.8 | 25.1 |
| 21:00 | 20.8 | 69.4 | 21.3 | 89.9 | 15.9 | 0.013965 | 0.01554 | 21.6 | 24.6 |
| 22:00 | 20.7 | 69.3 | 21.3 | 90.4 | 16.0 | 0.013998 | 0.015492 | 21.6 | 24.5 |
| 23:00 | 20.7 | 69.2 | 21.2 | 90.3 | 15.9 | 0.013942 | 0.015439 | 21.6 | 24.4 |
| Avg | 21.1 | 69.9 | 21.6 | 89.2 | 16.1 | 0.014114 | 0.015822 | 21.8 | 25.0 |
| Max | 21.7 | 71.0 | 22.1 | 90.5 | 16.3 | 0.014357 | 0.016431 | 22.2 | 26.0 |
| Hr. of Max | 00 | 00 | 00 | 12 | 07 | 02 | 00 | 07 | 00 |
| Min | 20.4 | 68.7 | 21.0 | 85.3 | 15.7 | 0.01376 | 0.015196 | 21.3 | 24.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

9/26/2018

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 | 2439818.8 | 986.6 | .10 | 29.04 | 28.89 | 983.6 | -.4 | .00 | 290.5 |
| 01:00 | 2440815.6 | 989.7 | .12 | 29.04 | 28.89 | 983.6 | .2 - | .00 - | 294.7 |
| 02:00 | 2440729.8 | 992.3 | .15 | 29.04 | 28.88 | 983.4 | -.2 - | .00 | 282.3 |
| 03:00 | 2440679.1 | 997.0 | .14 | 29.03 | 28.87 | 983.2 | .0 - | .00 - | 259.2 |
| 04:00 | 2441270.6 | 999.7 | .18 | 29.02 | 28.85 | 982.9 | 2.5 - | .00 - | 299.1 |
| 05:00 | 2440945.5 | 1008.4 | .38 | 29.02 | 28.85 | 982.9 | .0 - | .00 | 251.1 |
| 06:00 | 2440831.4 | 1012.5 | .00 | 29.03 | 28.86 | 983.1 | 1.3 - | .00 - | 252.8 |
| 07:00 | 2440790.2 | 1012.5 | .00 | 29.03 | 28.86 | 983.2 | - | - | 240.1 |
| 08:00 | 2441021.3 | 1012.5 | .00 | 29.03 | 28.87 | 983.2 | 16.7 - | .02 - | 233.5 |
| 09:00 | 2441665.9 | 1020.3 | .53 | 29.04 | 28.87 | 983.3 | 15.7 - | .02 - | 233.2 |
| 10:00 | 2442140.7 | 1027.5 | .18 | 29.04 | 28.88 | 983.5 | 20.1 | .03 | 260.5 |
| 11:00 | 2442675.9 | 1038.7 | .54 | 29.05 | 28.90 | 983.7 | 8.3 | .01 | 248.1 |
| 12:00 | 2442823.3 | 1047.2 | .23 | 29.04 | 28.90 | 983.7 | 24.2 | .03 | 161.1 |
| 13:00 | 2442094.6 | 1050.8 | .05 | 29.04 | 28.88 | 983.4 | 74.8 - | .11 | 325.0 |
| 14:00 | 2441847.9 | 1052.0 | .06 | 29.03 | 28.86 | 983.1 | 75.4 | .11 | 326.7 |
| 15:00 | 2441492.5 | 1053.6 | .03 | 29.03 | 28.86 | 983.0 | 87.9 | .13 | 259.7 |
| 16:00 | 2440399.8 | 1053.7 | .00 | 29.02 | 28.84 | 982.8 | 130.9 | .19 | 219.4 |
| 17:00 | 2440194.0 | 1053.7 | .00 | 29.02 | 28.83 | 982.7 | 93.9 | .13 | 143.8 |
| 18:00 | 2440565.0 | 1053.7 | .00 | 29.01 | 28.83 | 982.6 | 36.5 | .05 | 22.8 |
| 19:00 | 2440886.5 | 1053.9 | .01 | 29.02 | 28.84 | 982.8 | 1.0 | .00 | 30.4 |
| 20:00 | 2441145.0 | 1053.9 | .00 | 29.03 | 28.85 | 983.0 | -.2 | .00 | 326.4 |
| 21:00 | 2441986.1 | 1053.9 | .00 | 29.03 | 28.86 | 983.1 | -.4 | .00 | 5.4 |
| 22:00 | 2442104.1 | 1053.9 | .00 | 29.03 | 28.86 | 983.1 | -.6 | .00 | 20.6 |
| 23:00 | 2442236.7 | 1053.9 | .00 | 29.03 | 28.86 | 983.1 | -.3 | .00 | 75.6 |
| Avg | 2441298.3 | 1030.5 | .11 | 29.03 | 28.86 | 983.2 | 25.5 | .04 | 281.0 |
| Max | 2442823.3 | 1053.9 | .54 | 29.05 | 28.90 | 983.7 | 130.9 | .19 | 326.7 |
| Hr. of Max | 12 | 23 | 11 | 11 | 12 | 12 | 16 | 16 | 14 |
| Min | 2439818.8 | 986.6 | .00 | 29.01 | 28.83 | 982.6 | -.6 | .00 | 5.4 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

9/26/2018

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 | 281.4 | 19.0 | 4.5 | 5.0 | 2.2 | -9.6 | -.88 | 13.6 | 12.6 |
| 01:00 | 283.1 | 26.5 | 3.0 | 3.4 | 1.5 | -8.8 | -.57 | 12.8 | 15.9 |
| 02:00 | 267.4 | 20.9 | 3.6 | 3.9 | 1.7 | -6.2 | -.37 | 12.4 | 13.6 |
| 03:00 | 258.9 | 11.2 | 5.9 | 6.0 | 2.7 | -3.1 | -.42 | 12.2 | 8.0 |
| 04:00 | 276.6 | 37.0 | 2.3 | 3.2 | 1.4 | -8.4 | -.43 | 10.8 | 14.2 |
| 05:00 | 244.6 | 43.2 | 4.5 | 5.2 | 2.3 | -2.5 | -.25 | 15.0 | 12.9 |
| 06:00 | 251.3 | 12.1 | 4.4 | 4.6 | 2.0 | -1.7 | -.19 | 8.8 | 9.6 |
| 07:00 | 240.0 | 11.5 | 4.8 | 4.9 | 2.2 | -.9 | -.13 | 9.5 | 8.7 |
| 08:00 | 232.9 | 13.0 | 4.3 | 4.5 | 2.0 | .4 | -.04 | 10.4 | 10.0 |
| 09:00 | 232.2 | 11.4 | 5.5 | 5.7 | 2.5 | -.2 | -.10 | 10.2 | 8.1 |
| 10:00 | 255.7 | 17.3 | 3.4 | 3.6 | 1.6 | -4.1 | -.25 | 8.4 | 11.4 |
| 11:00 | 248.1 | 19.0 | 3.6 | 4.0 | 1.8 | -3.7 | -.29 | 11.7 | 10.9 |
| 12:00 | 157.8 | 52.5 | 1.4 | 2.5 | 1.1 | -2.8 | -.02 | 6.9 | 13.3 |
| 13:00 | 325.8 | 58.8 | .7 | 1.1 | .5 | -6.5 | -.28 | 3.2 | 25.8 |
| 14:00 | 249.8 | 25.4 | .9 | 2.2 | 1.0 | -2.7 | -.15 | 5.2 | 16.9 |
| 15:00 | 209.4 | 12.2 | 2.7 | 2.8 | 1.2 | 1.7 | .07 | 4.7 | 11.6 |
| 16:00 | 218.8 | 18.0 | 2.5 | 2.7 | 1.2 | 1.2 | .05 | 5.5 | 12.6 |
| 17:00 | 144.3 | 20.7 | 2.2 | 3.0 | 1.3 | 3.5 | .14 | 4.7 | 12.4 |
| 18:00 | 32.0 | 19.2 | 1.5 | 1.8 | .8 | -13.4 | -.46 | 4.2 | 11.4 |
| 19:00 | 312.7 | 69.7 | .2 | 1.1 | .5 | -8.0 | -.14 | 3.2 | 13.0 |
| 20:00 | 322.3 | 38.9 | .5 | .7 | .3 | -12.9 | -.18 | 1.8 | 11.2 |
| 21:00 | 7.8 | 13.3 | 1.6 | 1.7 | .8 | -15.5 | -.50 | 3.6 | 7.8 |
| 22:00 | 20.5 | 16.5 | 1.6 | 1.7 | .8 | -13.5 | -.43 | 5.0 | 9.7 |
| 23:00 | 75.3 | 11.9 | 2.3 | 2.4 | 1.1 | -10.0 | -.46 | 5.5 | 8.9 |
| Avg | 251.5 | 25.0 | 2.0 | 3.2 | 1.4 | -5.3 | -.26 | 7.9 | 12.1 |
| Max | 325.8 | 69.7 | 5.9 | 6.0 | 2.7 | 3.5 | .14 | 15.0 | 25.8 |
| Hr. of Max | 13 | 19 | 03 | 03 | 03 | 17 | 17 | 05 | 13 |
| Min | 7.8 | 11.2 | .2 | .7 | .3 | -15.5 | -.88 | 1.8 | 7.8 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |