Date Printed: 12/19/2018 12:27

# Daily Summary Report

Site: Tower "F" (8500 Area)

5/16/2018

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 | 19.9 | 67.8 | 20.5 | 79.8 | 13.5 | 0.011777 | 0.014758 | 18.2 | 23.3 |
| 01:00 | 19.6 | 67.2 | 20.2 | 80.9 | 13.4 | 0.011702 | 0.01446 | 18.1 | 22.8 |
| 02:00 | 19.5 | 67.0 | 20.1 | 81.2 | 13.4 | 0.011668 | 0.014376 | 18.1 | 22.7 |
| 03:00 | 19.0 | 66.3 | 19.7 | 82.6 | 13.3 | 0.011558 | 0.013997 | 17.9 | 22.1 |
| 04:00 | 18.9 | 65.9 | 19.6 | 83.6 | 13.3 | 0.011575 | 0.013851 | 17.9 | 21.8 |
| 05:00 | 18.6 | 65.5 | 19.4 | 85.8 | 13.4 | 0.011702 | 0.013645 | 18.1 | 21.5 |
| 06:00 | 18.1 | 64.7 | 19.0 | 88.2 | 13.4 | 0.01167 | 0.013236 | 18.1 | 20.9 |
| 07:00 | 18.2 | 64.8 | 19.0 | 88.8 | 13.6 | 0.011797 | 0.013291 | 18.3 | 21.0 |
| 08:00 | 18.9 | 66.0 | 19.6 | 84.1 | 13.4 | 0.011665 | 0.013881 | 18.1 | 21.9 |
| 09:00 | 19.8 | 67.6 | 20.2 | 78.3 | 13.1 | 0.01145 | 0.014638 | 17.7 | 23.1 |
| 10:00 | 21.6 | 70.9 | 21.6 | 66.8 | 12.5 | 0.01093 | 0.016403 | 16.9 | 25.9 |
| 11:00 | 23.0 | 73.5 | 22.7 | 57.8 | 11.7 | 0.010333 | 0.017911 | 16.0 | 28.3 |
| 12:00 | 24.3 | 75.7 | 23.8 | 53.9 | 11.7 | 0.01039 | 0.019293 | 16.1 | 30.4 |
| 13:00 | 25.3 | 77.5 | 24.7 | 50.0 | 11.5 | 0.010247 | 0.020508 | 15.9 | 32.3 |
| 14:00 | 26.0 | 78.9 | 25.2 | 46.7 | 11.2 | 0.01 | 0.021456 | 15.5 | 33.8 |
| 15:00 | 25.5 | 77.9 | 25.0 | 54.7 | 12.8 | 0.011368 | 0.020778 | 17.6 | 32.7 |
| 16:00 | 25.6 > | 78.1 > | 25.1 > | 53.8 > | 12.6 > | 0.011229 > | 0.020894 > | 17.4 > | 32.9 > |
| 17:00 | 25.9 | 78.6 | 25.2 | 48.6 | 11.6 | 0.010345 | 0.021291 | 16.0 | 33.5 |
| 18:00 | 25.5 | 77.8 | 25.0 | 50.9 | 11.9 | 0.010546 | 0.020721 | 16.3 | 32.7 |
| 19:00 | 24.0 | 75.1 | 23.9 | 62.4 | 13.2 | 0.011742 | 0.018968 | 18.2 | 29.9 |
| 20:00 | 22.3 | 72.2 | 22.6 | 73.6 | 14.3 | 0.012614 | 0.017143 | 19.5 | 27.0 |
| 21:00 | 22.7 | 72.9 | 23.0 | 70.8 | 14.1 | 0.012427 | 0.017578 | 19.2 | 27.7 |
| 22:00 | 22.5 | 72.5 | 22.7 | 69.8 | 13.7 | 0.012092 | 0.017336 | 18.7 | 27.3 |
| 23:00 | 21.6 | 70.8 | 21.9 | 74.2 | 13.8 | 0.012153 | 0.016376 | 18.8 | 25.8 |
| Avg | 21.9 | 71.5 | 22.1 | 69.5 | 12.9 | 0.011374 | 0.01695 | 17.6 | 26.7 |
| Max | 26.0 | 78.9 | 25.2 | 88.8 | 14.3 | 0.012614 | 0.021456 | 19.5 | 33.8 |
| Hr. of Max | 14 | 14 | 17 | 07 | 20 | 20 | 14 | 20 | 14 |
| Min | 18.1 | 64.7 | 19.0 | 46.7 | 11.2 | 0.01 | 0.013236 | 15.5 | 20.9 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

5/16/2018

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 | 2444059.7 | 533.6 | .00 | 28.96 | 28.72 | 980.8 | .0 - | .00 - | 262.4 |
| 01:00 | 2444839.2 | 533.6 | .00 | 28.96 | 28.72 | 980.7 | 1.2 - | .00 - | 61.3 |
| 02:00 | 2445075.0 | 533.6 | .00 | 28.95 | 28.70 | 980.4 | .0 - | .00 | 82.7 |
| 03:00 | 2446090.9 | 533.6 | .00 | 28.95 | 28.70 | 980.4 | -.1 | .00 | 76.7 |
| 04:00 | 2446488.5 | 533.6 | .00 | 28.95 | 28.70 | 980.4 | -.3 | .00 | 61.3 |
| 05:00 | 2447059.3 | 533.6 | .00 | 28.95 | 28.70 | 980.4 | -.1 | .00 | 55.3 |
| 06:00 | 2448200.8 | 533.6 | .00 | 28.96 | 28.72 | 980.7 | 3.7 | .01 | 331.1 |
| 07:00 | 2448028.7 | 533.6 | .00 | 28.97 | 28.74 | 981.1 | 51.7 | .07 | 51.5 |
| 08:00 | 2446383.3 | 533.6 | .00 | 28.97 | 28.74 | 981.1 | 112.2 | .16 | 69.4 |
| 09:00 | 2444360.5 | 533.6 | .00 | 28.97 | 28.75 | 981.2 | 286.1 | .41 | 91.7 |
| 10:00 | 2440006.4 | 533.6 | .00 | 28.97 | 28.74 | 981.1 | 699.5 | 1.00 | 111.9 |
| 11:00 | 2436575.3 | 533.6 | .00 | 28.97 | 28.75 | 981.3 | 867.0 | 1.24 | 123.2 |
| 12:00 | 2433631.2 | 533.6 | .00 | 28.97 | 28.74 | 981.1 | 789.9 + | 1.13 + | 97.0 |
| 13:00 | 2431225.8 | 533.6 | .00 | 28.96 | 28.71 | 980.6 | 790.3 | 1.13 | 79.1 |
| 14:00 | 2429430.8 | 533.6 | .00 | 28.95 | 28.70 | 980.4 | 699.0 + | 1.00 + | 95.7 |
| 15:00 | 2430714.4 | 533.6 | .00 | 28.94 | 28.68 | 980.1 | 233.4 | .33 | 160.3 |
| 16:00 | 2430498.0 > | 533.6 > | .00 | 28.94 > | 28.67 > | 980.0 > | 306.1 > | .44 > | 133.9 |
| 17:00 | 2429745.7 | 533.6 | .00 | 28.94 | 28.68 | 980.1 | 443.6 | .64 | 112.0 |
| 18:00 | 2430825.5 | 533.6 | .00 | 28.94 | 28.68 | 980.1 | 94.0 | .13 | 66.5 |
| 19:00 | 2434401.7 | 533.6 | .00 | 28.94 | 28.68 | 980.1 | 63.1 | .09 | 336.7 |
| 20:00 | 2438303.4 | 533.6 | .00 | 28.94 | 28.68 | 980.1 | 7.2 | .01 | 356.3 |
| 21:00 | 2437328.4 | 533.6 | .00 | 28.94 | 28.68 | 980.1 | -.2 | .00 | 51.4 |
| 22:00 | 2437857.1 | 533.6 | .00 | 28.95 | 28.70 | 980.4 | -.2 | .00 | 49.9 |
| 23:00 | 2440070.7 | 533.6 | .00 | 28.95 | 28.70 | 980.4 | -.3 | .00 | 42.2 |
| Avg | 2439216.7 | 533.6 | .00 | 28.95 | 28.71 | 980.5 | 226.9 | .32 | 72.0 |
| Max | 2448200.8 | 533.6 | .00 | 28.97 | 28.75 | 981.3 | 867.0 | 1.24 | 356.3 |
| Hr. of Max | 06 | 23 | 23 | 12 | 11 | 11 | 11 | 11 | 20 |
| Min | 2429430.8 | 533.6 | .00 | 28.94 | 28.67 | 980.0 | -.3 | .00 | 42.2 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

5/16/2018

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 | 262.4 | 37.4 | 1.0 | 2.4 | 1.1 | -9.2 | -.45 | 5.1 | 10.7 |
| 01:00 | 61.1 | 44.7 | 1.8 | 2.3 | 1.0 | -11.8 | -.49 | 5.0 | 10.2 |
| 02:00 | 84.2 | 9.5 | 4.1 | 4.2 | 1.9 | -8.6 | -.62 | 7.0 | 7.4 |
| 03:00 | 78.2 | 11.0 | 4.7 | 4.8 | 2.1 | -10.4 | -.93 | 9.3 | 8.8 |
| 04:00 | 62.1 | 14.8 | 2.5 | 2.6 | 1.2 | -12.1 | -.60 | 4.9 | 7.6 |
| 05:00 | 53.3 | 48.4 | .8 | 1.2 | .6 | -10.3 | -.25 | 3.1 | 10.7 |
| 06:00 | 328.6 | 37.5 | 1.4 | 1.8 | .8 | -15.3 | -.54 | 3.6 | 9.1 |
| 07:00 | 53.4 | 17.1 | 1.4 | 1.5 | .7 | -12.5 | -.35 | < | 9.0 |
| 08:00 | 71.2 | 13.8 | 2.9 | 2.9 | 1.3 | -8.5 | -.53 | 7.0 | 12.6 |
| 09:00 | 94.8 | 17.7 | 3.6 | 4.1 | 1.8 | -8.1 | -.67 | 7.6 | 12.3 |
| 10:00 | 115.0 | 27.6 | 3.1 | 4.1 | 1.8 | -1.2 | -.18 | 7.9 | 16.9 |
| 11:00 | 121.6 | 37.7 | 3.5 | 4.3 | 1.9 | -4.2 | -.30 | 9.1 | 17.9 |
| 12:00 | 106.9 | 46.1 | 2.1 | 3.3 | 1.5 | -4.7 | -.37 | 11.3 | 25.9 |
| 13:00 | 86.3 | 51.6 | 2.7 | 3.6 | 1.6 | -4.5 | -.44 | 9.9 | 21.7 |
| 14:00 | 100.1 | 51.9 | 2.4 | 4.0 | 1.8 | -2.5 | -.32 | 10.5 | 20.5 |
| 15:00 | 158.2 | 29.1 | 2.8 | 3.8 | 1.7 | 1.1 | .04 | 7.6 | 12.7 |
| 16:00 | 143.0 | 39.6 | 2.8 > | 3.7 > | 1.6 > | -2.5 > | -.21 > | < | 13.5 |
| 17:00 | 125.8 | 29.7 | 2.4 | 3.4 | 1.5 | -.3 | -.11 | 7.7 | 18.7 |
| 18:00 | 69.1 | 19.7 | 2.2 | 2.4 | 1.1 | -9.0 | -.50 | 4.7 | 14.5 |
| 19:00 | 322.1 | 37.0 | 1.5 | 2.1 | 1.0 | -11.2 | -.54 | 7.2 | 18.1 |
| 20:00 | .6 | 15.0 | 1.8 | 1.9 | .9 | -14.8 | -.53 | 4.6 | 10.3 |
| 21:00 | 55.2 | 10.9 | 4.0 | 4.1 | 1.8 | -13.3 | -1.00 | 7.4 | 6.0 |
| 22:00 | 50.2 | 8.5 | 5.1 | 5.1 | 2.3 | -13.2 | -1.25 | < | 6.2 |
| 23:00 | 43.4 | 10.2 | 4.9 | 5.0 | 2.3 | -13.6 | -1.28 | 11.3 | 6.9 |
| Avg | 79.3 | 27.8 | 2.0 | 3.3 | 1.5 | -8.4 | -.52 | 7.2 | 12.8 |
| Max | 328.6 | 51.9 | 5.1 | 5.1 | 2.3 | 1.1 | .04 | 11.3 | 25.9 |
| Hr. of Max | 06 | 14 | 22 | 22 | 23 | 15 | 15 | 23 | 12 |
| Min | .6 | 8.5 | .8 | 1.2 | .6 | -15.3 | -1.28 | 3.1 | 6.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 21 | 24 |
| Total | | | | | | | | | |