Date Printed: 12/19/2018 12:32

# Daily Summary Report

Site: Tower "F" (8500 Area)

5/30/2018

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 | 21.8 | 71.2 | 22.3 | 85.7 | 16.1 | 0.014225 | 0.016607 | 21.9 | 26.1 |
| 01:00 | 21.7 | 71.1 | 22.2 | 85.5 | 16.0 | 0.014159 | 0.016556 | 21.8 | 26.1 |
| 02:00 | 21.2 | 70.1 | 21.8 | 88.3 | 16.0 | 0.014143 | 0.016015 | 21.8 | 25.2 |
| 03:00 | 21.2 | 70.2 | 21.8 | 87.9 | 16.0 | 0.014118 | 0.01606 | 21.7 | 25.3 |
| 04:00 | 21.2 | 70.2 | 21.7 | 88.8 | 16.1 | 0.014231 | 0.016035 | 21.9 | 25.2 |
| 05:00 | 21.2 | 70.1 > | 21.7 | 88.6 | 16.1 > | 0.01419 > | 0.016016 > | 21.8 > | 25.2 > |
| 06:00 | 21.3 | 70.4 | 21.8 | 87.5 | 16.0 | 0.014137 | 0.016152 | 21.8 | 25.4 |
| 07:00 | 21.3 | 70.3 | 21.8 | 86.0 | 15.7 | 0.013859 | 0.016121 | 21.4 | 25.4 |
| 08:00 | 21.5 | 70.7 | 21.9 | 85.3 | 15.7 | 0.013893 | 0.016295 | 21.4 | 25.7 |
| 09:00 | 22.2 | 71.9 | 22.5 | 82.1 | 15.8 | 0.013969 | 0.017017 | 21.5 | 26.8 |
| 10:00 | 22.2 | 71.9 | 22.6 | 84.4 | 16.2 | 0.014368 | 0.017016 | 22.1 | 26.8 |
| 11:00 | 22.0 | 71.7 | 22.4 | 82.3 | 15.7 | 0.013861 | 0.016856 | 21.4 | 26.6 |
| 12:00 | 23.0 | 73.4 | 23.2 | 77.2 | 15.5 | 0.013767 | 0.017845 | 21.2 | 28.1 |
| 13:00 | 23.4 | 74.2 | 23.6 | 74.9 | 15.5 | 0.013724 | 0.01836 | 21.2 | 28.9 |
| 14:00 | 23.4 | 74.2 | 23.6 | 74.8 | 15.4 | 0.013664 | 0.018353 | 21.1 | 28.9 |
| 15:00 | 25.1 | 77.2 | 24.9 | 65.4 | 14.9 | 0.013286 | 0.020328 | 20.5 | 32.0 |
| 16:00 | 25.9 | 78.6 | 25.5 | 62.1 | 14.7 | 0.013196 | 0.021283 | 20.3 | 33.5 |
| 17:00 | 26.5 | 79.6 | 25.9 | 58.2 | 14.3 | 0.01282 | 0.02202 | 19.8 | 34.7 |
| 18:00 | 26.4 | 79.6 | 26.0 | 59.3 | 14.5 | 0.01302 | 0.021973 | 20.1 | 34.6 |
| 19:00 | 25.5 | 77.9 | 25.4 | 66.4 | 15.4 | 0.013802 | 0.020813 | 21.3 | 32.8 |
| 20:00 | 24.3 | 75.7 | 24.4 | 73.7 | 16.0 | 0.014219 | 0.019299 | 21.9 | 30.4 |
| 21:00 | 23.5 | 74.4 | 23.8 | 76.9 | 16.0 | 0.014196 | 0.018466 | 21.9 | 29.1 |
| 22:00 | 22.9 | 73.2 | 23.2 | 79.4 | 15.9 | 0.014095 | 0.017743 | 21.7 | 28.0 |
| 23:00 | 22.4 | 72.3 | 22.8 | 81.9 | 15.9 | 0.014086 | 0.01721 | 21.7 | 27.1 |
| Avg | 23.0 | 73.3 | 23.2 | 78.4 | 15.6 | 0.013876 | 0.017935 | 21.4 | 28.2 |
| Max | 26.5 | 79.6 | 26.0 | 88.8 | 16.2 | 0.014368 | 0.02202 | 22.1 | 34.7 |
| Hr. of Max | 17 | 18 | 18 | 04 | 10 | 10 | 17 | 10 | 17 |
| Min | 21.2 | 70.1 | 21.7 | 58.2 | 14.3 | 0.01282 | 0.016015 | 19.8 | 25.2 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

5/30/2018

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 | 2439565.2 | 622.8 | .00 | 28.92 | 28.64 | 979.4 | -.2 | .00 | 80.4 |
| 01:00 | 2439684.9 | 622.8 | .00 | 28.92 | 28.64 | 979.4 | -.2 | .00 | 78.5 |
| 02:00 | 2440978.1 | 622.8 | .00 | 28.92 | 28.63 | 979.2 | -.1 | .00 | 62.0 |
| 03:00 | 2440871.6 | 622.8 | .01 | 28.91 | 28.62 | 979.1 | -.3 | .00 | 100.4 |
| 04:00 | 2440926.0 | 623.0 | .01 | 28.92 | 28.64 | 979.3 | -.5 | .00 | 196.2 |
| 05:00 | 2440967.6 > | 623.4 > | .01 | 28.92 | 28.64 > | 979.4 > | -.5 - | .00 | 228.1 |
| 06:00 | 2440638.5 | 623.5 | .00 | 28.92 | 28.65 | 979.5 | 10.3 - | .01 - | 234.5 |
| 07:00 | 2440702.8 | 623.5 | .00 | 28.93 | 28.66 | 979.7 | 29.8 - | .04 | 225.0 |
| 08:00 | 2440275.5 | 623.5 | .00 | 28.94 | 28.68 | 980.0 | 115.4 | .17 | 203.4 |
| 09:00 | 2438586.9 | 623.5 | .00 | 28.94 | 28.69 | 980.2 | 155.1 | .22 | 208.9 |
| 10:00 | 2438593.2 | 623.5 | .00 | 28.94 | 28.68 | 980.1 | 134.2 | .19 | 227.8 |
| 11:00 | 2438951.0 | 623.5 | .00 | 28.95 | 28.70 | 980.4 | 212.8 | .31 | 228.9 |
| 12:00 | 2436725.0 | 623.5 | .00 | 28.95 | 28.70 | 980.4 | 277.4 | .40 | 232.1 |
| 13:00 | 2435626.7 | 623.5 | .01 | 28.94 | 28.69 | 980.2 | 412.8 + | .59 + | 241.5 |
| 14:00 | 2435670.5 | 624.0 | .01 | 28.94 | 28.68 | 980.0 | 741.0 + | 1.06 + | 247.6 |
| 15:00 | 2431610.9 | 624.0 | .00 | 28.93 | 28.65 | 979.6 | 499.0 | .72 | 240.0 |
| 16:00 | 2429799.7 | 624.0 | .00 | 28.92 | 28.64 | 979.4 | 509.3 | .73 | 237.2 |
| 17:00 | 2428420.2 | 624.0 | .00 | 28.92 | 28.63 | 979.3 | 567.3 | .81 | 244.9 |
| 18:00 | 2428515.8 | 624.0 | .00 | 28.91 | 28.62 | 979.0 | 394.5 | .57 | 252.5 |
| 19:00 | 2430691.3 | 624.0 | .00 | 28.92 | 28.64 | 979.3 | 156.0 | .22 | 242.4 |
| 20:00 | 2433665.1 | 624.0 | .00 | 28.93 | 28.66 | 979.8 | 19.6 | .03 | 241.6 |
| 21:00 | 2435388.6 | 624.0 | .00 | 28.94 | 28.69 | 980.2 | -.3 | .00 | 243.7 |
| 22:00 | 2436946.9 | 624.0 | .00 | 28.95 | 28.70 | 980.4 | -.4 | .00 | 246.4 |
| 23:00 | 2438137.9 | 624.0 | .00 | 28.95 | 28.70 | 980.4 | -.3 | .00 | 240.2 |
| Avg | 2436747.5 | 623.6 | .00 | 28.93 | 28.66 | 979.7 | 176.3 | .25 | 227.0 |
| Max | 2440978.1 | 624.0 | .01 | 28.95 | 28.70 | 980.4 | 741.0 | 1.06 | 252.5 |
| Hr. of Max | 02 | 23 | 14 | 23 | 23 | 23 | 14 | 14 | 18 |
| Min | 2428420.2 | 622.8 | .00 | 28.91 | 28.62 | 979.0 | -.5 | .00 | 62.0 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

5/30/2018

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 | 82.4 | 10.3 | 5.0 | 5.1 | 2.3 | -10.6 | -.96 | 9.6 | 7.7 |
| 01:00 | 80.1 | 12.0 | 3.8 | 3.9 | 1.7 | -11.8 | -.83 | 6.8 | 6.8 |
| 02:00 | 72.4 | 20.9 | 3.3 | 3.7 | 1.7 | -12.9 | -.77 | 7.5 | 7.0 |
| 03:00 | 97.9 | 16.7 | 3.9 | 4.1 | 1.8 | -5.7 | -.51 | 8.0 | 9.4 |
| 04:00 | 192.7 | 19.9 | 2.5 | 3.0 | 1.4 | -.4 | -.07 | 6.6 | 14.1 |
| 05:00 | 227.5 | 12.2 | 3.6 | 3.7 | 1.7 > | -1.1 | -.10 > | < | 9.2 |
| 06:00 | 233.4 | 12.0 | 3.1 | 3.2 | 1.4 | -1.8 | -.11 | 9.3 | 9.4 |
| 07:00 | 227.0 | 13.3 | 3.1 | 3.3 | 1.5 | -1.6 | -.14 | 6.3 | 10.0 |
| 08:00 | 204.3 | 12.3 | 3.1 | 3.2 | 1.4 | -.8 | -.09 | 6.8 | 11.8 |
| 09:00 | 210.0 | 16.3 | 3.0 | 3.2 | 1.4 | 2.3 | .07 | 6.7 | 14.0 |
| 10:00 | 229.2 | 12.2 | 6.3 | 6.5 | 2.9 | .1 | -.07 | 18.4 | 9.0 |
| 11:00 | 228.8 | 11.3 | 7.3 | 7.5 | 3.4 | 1.1 | .08 | 16.7 | 9.3 |
| 12:00 | 232.2 | 12.2 | 7.2 | 7.4 | 3.3 | 1.0 | .03 | 15.8 | 10.0 |
| 13:00 | 241.9 | 11.7 | 10.5 | 10.7 | 4.8 | -.6 | -.26 | 21.5 | 8.2 |
| 14:00 | 247.9 | 13.5 | 7.8 | 8.0 | 3.6 | -.3 | -.16 | 16.5 | 9.6 |
| 15:00 | 239.7 | 13.4 | 8.1 | 8.4 | 3.7 | -1.1 | -.24 | 15.9 | 9.1 |
| 16:00 | 237.8 | 13.3 | 8.2 | 8.6 | 3.9 | -.1 | -.12 | 16.7 | 10.0 |
| 17:00 | 245.0 | 12.8 | 9.0 | 9.3 | 4.2 | -1.3 | -.32 | 18.9 | 8.2 |
| 18:00 | 251.8 | 13.4 | 8.4 | 8.6 | 3.8 | -2.5 | -.45 | 18.4 | 8.1 |
| 19:00 | 242.7 | 11.5 | 9.8 | 10.0 | 4.5 | -1.0 | -.32 | 24.6 | 8.4 |
| 20:00 | 242.2 | 11.5 | 9.1 | 9.3 | 4.2 | -.9 | -.24 | 20.4 | 8.0 |
| 21:00 | 243.8 | 10.6 | 7.5 | 7.6 | 3.4 | -1.4 | -.28 | 14.1 | 7.4 |
| 22:00 | 246.1 | 10.7 | 5.9 | 6.0 | 2.7 | -2.1 | -.24 | 10.9 | 7.7 |
| 23:00 | 241.2 | 10.0 | 4.8 | 4.9 | 2.2 | -.8 | -.12 | 10.8 | 7.3 |
| Avg | 234.2 | 13.1 | 4.7 | 6.2 | 2.8 | -2.3 | -.26 | 13.4 | 9.2 |
| Max | 251.8 | 20.9 | 10.5 | 10.7 | 4.8 | 2.3 | .08 | 24.6 | 14.1 |
| Hr. of Max | 18 | 02 | 13 | 13 | 13 | 09 | 11 | 19 | 04 |
| Min | 72.4 | 10.0 | 2.5 | 3.0 | 1.4 | -12.9 | -.96 | 6.3 | 6.8 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 24 |
| Total | | | | | | | | | |