Date Printed: 11/14/2018 14:39

# Daily Summary Report

Site: Tower "F" (8500 Area)

9/7/2018

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 | 22.9 | 73.2 | 23.1 | 81.5 | 16.3 | 0.014384 | 0.01765 | 22.3 | 27.9 |
| 01:00 | 22.2 | 72.0 | 22.6 | 84.6 | 16.3 | 0.01436 | 0.016969 | 22.2 | 26.9 |
| 02:00 | 22.4 | 72.4 | 22.8 | 84.4 | 16.4 | 0.014496 | 0.017181 | 22.4 | 27.2 |
| 03:00 | 22.0 | 71.6 | 22.5 | 85.8 | 16.3 | 0.014354 | 0.016739 | 22.2 | 26.5 |
| 04:00 | 21.7 | 71.1 | 22.3 | 87.1 | 16.3 | 0.014324 | 0.016453 | 22.2 | 26.0 |
| 05:00 | 21.3 | 70.4 | 21.8 | 87.8 | 16.1 | 0.014109 | 0.016074 | 21.8 | 25.4 |
| 06:00 | 20.9 | 69.7 | 21.6 | 89.5 | 16.0 | 0.014023 | 0.015676 | 21.7 | 24.8 |
| 07:00 | 20.9 | 69.6 | 21.5 | 89.8 | 16.0 | 0.014069 | 0.015665 | 21.8 | 24.8 |
| 08:00 | 21.7 | 71.1 | 22.0 | 83.0 | 15.5 | 0.013641 | 0.016456 | 21.1 | 26.0 |
| 09:00 | 23.5 | 74.3 | 23.5 | 72.4 | 15.0 | 0.013257 | 0.018357 | 20.5 | 29.1 |
| 10:00 | 25.6 | 78.2 | 25.1 | 62.8 | 14.7 | 0.013075 | 0.020864 | 20.3 | 33.0 |
| 11:00 | 27.3 | 81.2 | 26.5 | 51.3 | 13.2 | 0.011795 | 0.023039 | 18.3 | 36.5 |
| 12:00 | 28.9 | 84.0 | 27.8 | 42.2 | 11.8 | 0.010605 | 0.025217 | 16.5 | 39.9 |
| 13:00 | 29.6 | 85.2 | 28.2 | 38.6 | 11.3 | 0.010118 | 0.026268 | 15.7 | 41.6 |
| 14:00 | 30.7 | 87.2 | 29.0 | 34.3 | 10.7 | 0.00959 | 0.027955 | 14.9 | 44.2 |
| 15:00 | 30.6 | 87.0 | 29.0 | 37.0 | 11.4 | 0.010284 | 0.027845 | 16.0 | 44.0 |
| 16:00 | 30.5 | 86.9 | 29.1 | 38.5 | 11.8 | 0.01066 | 0.027748 | 16.6 | 43.8 |
| 17:00 | 31.2 | 88.2 | 29.6 | 35.4 | 11.3 | 0.010221 | 0.028901 | 15.9 | 45.6 |
| 18:00 | 30.4 | 86.8 | 29.0 | 40.4 | 12.3 | 0.011152 | 0.02763 | 17.3 | 43.6 |
| 19:00 | 29.4 | 84.9 | 28.3 | 45.4 | 13.1 | 0.011797 | 0.026016 | 18.3 | 41.1 |
| 20:00 | 29.0 | 84.2 | 27.9 | 42.8 | 12.1 | 0.010881 | 0.025474 | 16.9 | 40.2 |
| 21:00 | 27.9 | 82.2 | 27.1 | 48.9 | 13.0 | 0.011633 | 0.023819 | 18.0 | 37.6 |
| 22:00 | 26.9 | 80.4 | 26.4 | 53.9 | 13.6 | 0.012117 | 0.022493 | 18.8 | 35.5 |
| 23:00 | 25.3 | 77.6 | 25.1 | 62.2 | 14.3 | 0.012705 | 0.020548 | 19.7 | 32.5 |
| Avg | 26.0 | 78.7 | 25.5 | 61.7 | 14.0 | 0.012402 | 0.02171 | 19.2 | 34.3 |
| Max | 31.2 | 88.2 | 29.6 | 89.8 | 16.4 | 0.014496 | 0.028901 | 22.4 | 45.6 |
| Hr. of Max | 17 | 17 | 17 | 07 | 02 | 02 | 17 | 02 | 17 |
| Min | 20.9 | 69.6 | 21.5 | 34.3 | 10.7 | 0.00959 | 0.015665 | 14.9 | 24.8 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

9/7/2018

Interval: 001h

| | 11_LHV_010m | 13_Precip_mm | 14_Precip_In | 15_BarPres_In | 15a_BarPres_In | 16_BarPres_Mb | 7_Solar_Rad_Wn | 3_Solar_Rad_Lar | 19_WDir_010m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | None | VAR | INCHES | INHG | INHG | KPa | W/M2 | Langleys | DEG |
| 00:00 | 2436978.5 | 930.7 | .00 | 29.08 | 28.96 | 984.8 | -.2 | .00 | 259.7 |
| 01:00 | 2438515.4 | 930.7 | .00 | 29.08 | 28.96 | 984.8 | -.3 | .00 | 41.3 |
| 02:00 | 2438038.6 | 930.7 | .00 | 29.07 | 28.95 | 984.6 | -.4 | .00 | 277.9 |
| 03:00 | 2439058.8 | 930.7 | .00 | 29.07 | 28.95 | 984.6 | -.2 | .00 | 7.1 |
| 04:00 | 2439727.1 | 930.7 | .00 | 29.07 | 28.94 | 984.5 | -.3 | .00 | 19.8 |
| 05:00 | 2440629.6 | 930.7 | .00 | 29.07 | 28.94 | 984.5 | -.3 | .00 | 116.6 |
| 06:00 | 2441598.3 | 930.7 | .00 | 29.07 | 28.94 | 984.5 | .0 | .00 | 100.8 |
| 07:00 | 2441628.7 | 930.7 | .00 | 29.07 | 28.94 | 984.5 | 50.2 | .07 | 83.5 |
| 08:00 | 2439727.5 | 930.7 | .00 | 29.07 | 28.94 | 984.5 | 225.5 | .32 | 65.1 |
| 09:00 | 2435485.9 | 930.7 | .00 | 29.07 | 28.95 | 984.6 | 456.5 | .65 | 47.2 |
| 10:00 | 2430380.1 | 930.7 | .00 | 29.08 | 28.96 | 984.8 | 643.4 | .92 | 147.4 |
| 11:00 | 2426382.8 | 930.7 | .00 | 29.08 | 28.96 | 984.8 | 774.6 | 1.11 | 236.5 |
| 12:00 | 2422723.5 | 930.7 | .00 | 29.07 | 28.95 | 984.5 | 866.0 | 1.24 | 268.6 |
| 13:00 | 2421049.5 | 930.7 | .00 | 29.06 | 28.92 | 984.0 | 637.6 | .91 | 300.8 |
| 14:00 | 2418495.1 | 930.7 | .00 | 29.05 | 28.90 | 983.7 | 869.6 | 1.25 | 253.7 |
| 15:00 | 2418676.4 | 930.7 | .00 | 29.03 | 28.86 | 983.1 | 487.4 | .70 | 243.9 |
| 16:00 | 2418847.6 | 930.7 | .00 | 29.01 | 28.83 | 982.6 | 302.5 | .43 | 285.9 |
| 17:00 | 2417155.4 | 930.7 | .00 | 29.01 | 28.82 | 982.4 | 432.1 | .62 | 292.7 |
| 18:00 | 2419036.8 | 930.7 | .00 | 29.01 | 28.81 | 982.2 | 196.3 | .28 | 286.3 |
| 19:00 | 2421515.4 | 930.7 | .00 | 29.01 | 28.81 | 982.3 | 12.9 | .02 | 305.6 |
| 20:00 | 2422374.3 | 930.7 | .00 | 29.01 | 28.82 | 982.5 | -.3 | .00 | 295.3 |
| 21:00 | 2425103.1 | 930.7 | .00 | 29.02 | 28.84 | 982.8 | -.3 | .00 | 276.2 |
| 22:00 | 2427425.1 | 930.7 | .00 | 29.02 | 28.84 | 982.8 | -.2 | .00 | 330.9 |
| 23:00 | 2431112.7 | 930.7 | .00 | 29.02 | 28.84 | 982.8 | -.3 | .00 | 197.4 |
| Avg | 2429652.8 | 930.7 | .00 | 29.05 | 28.90 | 983.8 | 247.9 | .36 | 297.0 |
| Max | 2441628.7 | 930.7 | .00 | 29.08 | 28.96 | 984.8 | 869.6 | 1.25 | 330.9 |
| Hr. of Max | 07 | 23 | 23 | 11 | 11 | 11 | 14 | 14 | 22 |
| Min | 2417155.4 | 930.7 | .00 | 29.01 | 28.81 | 982.2 | -.4 | .00 | 7.1 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

9/7/2018

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 | 263.5 | 36.3 | 1.0 | 1.3 | .6 | -7.4 | -.19 | 3.0 | 9.9 |
| 01:00 | 37.4 | 33.1 | .6 | 1.3 | .6 | -12.2 | -.35 | 3.7 | 10.0 |
| 02:00 | 286.0 | 27.6 | 1.2 | 1.4 | .6 | -9.3 | -.25 | 3.0 | 7.6 |
| 03:00 | 8.5 | 9.7 | 2.5 | 2.6 | 1.2 | -17.6 | -.83 | 4.1 | 3.5 |
| 04:00 | 15.2 | 22.0 | 1.4 | 1.6 | .7 | -13.6 | -.39 | 3.1 | 4.8 |
| 05:00 | 119.9 | 57.8 | .4 | .8 | .3 | -8.9 | -.12 | 1.8 | 8.1 |
| 06:00 | 98.8 | 29.0 | 1.6 | 1.7 | .8 | -13.9 | -.44 | 3.9 | 6.6 |
| 07:00 | 73.3 | 26.2 | 1.5 | 1.9 | .9 | -10.6 | -.40 | 4.0 | 9.2 |
| 08:00 | 76.9 | 47.1 | .9 | 1.7 | .8 | -1.0 | -.14 | 3.6 | 20.9 |
| 09:00 | 59.3 | 29.8 | 2.1 | 2.7 | 1.2 | -9.8 | -.62 | 6.3 | 20.1 |
| 10:00 | 148.7 | 40.8 | 2.2 | 3.3 | 1.5 | .1 | -.01 | 7.6 | 20.4 |
| 11:00 | 230.4 | 48.2 | 2.1 | 2.9 | 1.3 | 1.3 | .06 | 8.2 | 23.4 |
| 12:00 | 267.6 | 50.9 | 1.7 | 2.8 | 1.2 | -5.9 | -.39 | 7.1 | 26.5 |
| 13:00 | 293.1 | 53.2 | 1.6 | 2.6 | 1.2 | -7.8 | -.47 | 6.7 | 23.9 |
| 14:00 | 252.5 | 61.9 | 2.0 | 3.0 | 1.3 | -.6 | -.09 | 8.2 | 24.6 |
| 15:00 | 245.8 | 40.9 | 3.5 | 4.1 | 1.8 | -2.5 | -.23 | 8.1 | 18.6 |
| 16:00 | 274.3 | 30.2 | 1.5 | 2.3 | 1.0 | -5.6 | -.21 | 7.4 | 17.2 |
| 17:00 | 277.4 | 65.0 | 1.5 | 2.4 | 1.1 | -2.8 | -.19 | 8.2 | 23.4 |
| 18:00 | 284.3 | 36.4 | 1.8 | 2.1 | .9 | -5.3 | -.31 | 5.3 | 20.9 |
| 19:00 | 305.5 | 21.7 | 1.4 | 1.5 | .7 | -16.1 | -.47 | 2.6 | 11.9 |
| 20:00 | 293.8 | 17.0 | 1.8 | 2.0 | .9 | -13.7 | -.50 | 3.2 | 9.3 |
| 21:00 | 279.9 | 16.0 | 1.3 | 1.5 | .7 | -8.6 | -.25 | 3.1 | 7.2 |
| 22:00 | 331.3 | 8.8 | 2.5 | 2.5 | 1.1 | -18.9 | -.90 | 4.2 | 5.8 |
| 23:00 | 194.0 | 26.7 | 1.1 | 1.4 | .6 | -6.8 | -.17 | 3.5 | 9.2 |
| Avg | 288.6 | 34.8 | .6 | 2.1 | 1.0 | -8.2 | -.33 | 5.0 | 14.3 |
| Max | 331.3 | 65.0 | 3.5 | 4.1 | 1.8 | 1.3 | .06 | 8.2 | 26.5 |
| Hr. of Max | 22 | 17 | 15 | 15 | 15 | 11 | 11 | 17 | 12 |
| Min | 8.5 | 8.8 | .4 | .8 | .3 | -18.9 | -.90 | 1.8 | 3.5 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |