Date Printed: 11/29/2018 07:03

# Daily Summary Report

Site: Tower "F" (8500 Area)

7/31/2018

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 | 24.0 | 75.2 | 24.3 | 77.7 | 16.6 | 0.014733 | 0.018986 | 22.7 | 30.0 |
| 01:00 | 23.8 | 74.9 | 24.1 | 79.7 | 16.8 | 0.01493 | 0.018742 | 23.0 | 29.6 |
| 02:00 | 23.5 | 74.3 | 23.8 | 80.2 | 16.6 | 0.014766 | 0.018416 | 22.8 | 29.1 |
| 03:00 | 22.8 | 73.0 | 23.2 | 83.8 | 16.6 | 0.014737 | 0.017585 | 22.7 | 27.8 |
| 04:00 | 22.8 | 73.0 | 23.2 | 82.7 | 16.5 | 0.014585 | 0.017635 | 22.5 | 27.8 |
| 05:00 | 22.8 | 73.0 | 23.1 | 82.1 | 16.3 | 0.014434 | 0.017592 | 22.3 | 27.8 |
| 06:00 | 22.5 | 72.6 | 22.9 | 81.7 | 16.0 | 0.014171 | 0.017355 | 21.9 | 27.4 |
| 07:00 | 22.3 | 72.2 | 22.7 | 82.9 | 16.1 | 0.01422 | 0.017151 | 21.9 | 27.1 |
| 08:00 | 23.0 | 73.4 | 23.3 | 77.5 | 15.6 | 0.013848 | 0.017871 | 21.4 | 28.2 |
| 09:00 | 23.7 | 74.6 | 23.8 | 73.6 | 15.4 | 0.013676 | 0.018585 | 21.1 | 29.3 |
| 10:00 | 24.0 | 75.3 | 24.1 | 72.5 | 15.5 | 0.01377 | 0.018994 | 21.3 | 30.0 |
| 11:00 | 25.1 | 77.1 | 24.8 | 65.9 | 14.9 | 0.013298 | 0.020192 | 20.6 | 31.9 |
| 12:00 | 26.1 | 79.0 | 25.6 | 59.8 | 14.4 | 0.012849 | 0.021524 | 19.9 | 34.0 |
| 13:00 | 26.0 | 78.7 | 25.6 | 63.0 | 15.0 | 0.013406 | 0.021305 | 20.7 | 33.6 |
| 14:00 | 22.3 | 72.2 | 22.6 | 82.4 | 16.0 | 0.014113 | 0.017124 | 21.8 | 27.0 |
| 15:00 | 22.6 | 72.6 | 22.9 | 81.7 | 16.1 | 0.014214 | 0.017393 | 21.9 | 27.4 |
| 16:00 | 22.3 | 72.2 | 22.6 | 82.5 | 16.0 | 0.014128 | 0.017129 | 21.8 | 27.0 |
| 17:00 | 21.8 | 71.3 | 22.2 | 85.2 | 16.1 | 0.01418 | 0.016644 | 21.9 | 26.3 |
| 18:00 | 21.6 | 71.0 | 22.1 | 85.5 | 15.9 | 0.01406 | 0.016444 | 21.7 | 25.9 |
| 19:00 | 21.3 | 70.3 | 21.8 | 88.5 | 16.1 | 0.014215 | 0.016071 | 21.9 | 25.4 |
| 20:00 | 21.0 | 69.9 | 21.6 | 88.5 | 15.9 | 0.014007 | 0.015828 | 21.6 | 25.0 |
| 21:00 | 21.1 | 70.0 | 21.6 | 87.6 | 15.8 | 0.013932 | 0.015901 | 21.5 | 25.1 |
| 22:00 | 20.9 | 69.6 | 21.4 | 87.4 | 15.6 | 0.013683 | 0.01565 | 21.1 | 24.7 |
| 23:00 | 20.3 | 68.6 | 20.8 | 88.7 | 15.3 | 0.013421 | 0.015126 | 20.7 | 23.9 |
| Avg | 22.8 | 73.1 | 23.1 | 80.0 | 15.9 | 0.014057 | 0.017718 | 21.7 | 28.0 |
| Max | 26.1 | 79.0 | 25.6 | 88.7 | 16.8 | 0.01493 | 0.021524 | 23.0 | 34.0 |
| Hr. of Max | 12 | 12 | 13 | 23 | 01 | 01 | 12 | 01 | 12 |
| Min | 20.3 | 68.6 | 20.8 | 59.8 | 14.4 | 0.012849 | 0.015126 | 19.9 | 23.9 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

7/31/2018

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 | 2434244.8 | 876.8 | .00 | 28.99 | 28.78 | 981.8 | -.3 | .00 | 267.6 |
| 01:00 | 2434739.7 | 876.8 | .00 | 28.99 | 28.78 | 981.8 | -.3 | .00 | 276.4 |
| 02:00 | 2435440.4 | 876.8 | .00 | 28.98 | 28.76 | 981.5 | -.4 | .00 | 261.7 |
| 03:00 | 2437243.3 | 876.8 | .00 | 28.99 | 28.78 | 981.7 | -.4 | .00 | 310.6 |
| 04:00 | 2437132.5 | 876.8 | .00 | 28.99 | 28.78 | 981.8 | -.2 | .00 | 294.1 |
| 05:00 | 2437230.5 | 876.8 | .00 | 28.99 | 28.77 | 981.7 | -.4 | .00 | 296.9 |
| 06:00 | 2437757.0 | 876.8 | .00 | 28.99 | 28.78 | 981.8 | 2.3 | .00 | 293.7 |
| 07:00 | 2438214.7 | 876.8 | .00 | 29.00 | 28.79 | 981.8 | 30.8 | .04 | 281.6 |
| 08:00 | 2436598.7 | 876.8 | .00 | 29.00 | 28.80 | 982.1 | 117.8 | .17 | 254.7 |
| 09:00 | 2435059.5 | 876.8 | .00 | 29.00 | 28.80 | 982.1 | 195.6 | .28 | 253.7 |
| 10:00 | 2434199.6 | 876.8 | .00 | 29.00 | 28.80 | 982.1 | 222.8 | .32 | 244.8 |
| 11:00 | 2431780.4 | 876.8 | .00 | 29.00 | 28.80 | 982.1 | 443.0 | .64 | 237.2 |
| 12:00 | 2429234.9 | 876.8 | .00 | 28.99 | 28.80 | 982.0 | 620.6 | .89 | 222.8 |
| 13:00 | 2429656.0 | 876.8 | .02 | 28.99 | 28.78 | 981.7 | 322.6 | .46 | 241.2 |
| 14:00 | 2438300.1 | 879.0 | .07 | 28.99 | 28.77 | 981.7 | 271.0 | .39 | 228.1 |
| 15:00 | 2437683.8 | 879.1 | .00 | 28.98 | 28.76 | 981.4 | 185.0 | .27 | 264.2 |
| 16:00 | 2438283.3 | 879.1 | .00 | 28.98 | 28.76 | 981.4 | 58.3 | .08 | 233.4 |
| 17:00 | 2439395.4 | 879.3 | .01 | 28.98 | 28.76 | 981.4 | 59.2 | .09 | 219.9 |
| 18:00 | 2439863.6 | 879.4 | .00 | 28.98 | 28.77 | 981.5 | 38.0 | .05 | 247.7 |
| 19:00 | 2440743.4 | 879.4 | .00 | 28.99 | 28.78 | 981.8 | 14.8 | .02 | 295.8 |
| 20:00 | 2441325.7 | 879.4 | .00 | 29.00 | 28.79 | 981.9 | 2.1 | .00 | 296.6 |
| 21:00 | 2441143.6 | 879.4 | .00 | 29.00 | 28.80 | 982.0 | -.3 | .00 | 242.6 |
| 22:00 | 2441735.5 | 879.5 | .01 | 29.01 | 28.83 | 982.6 | -.2 | .00 | 260.2 |
| 23:00 | 2443052.4 | 879.6 | .00 | 29.01 | 28.82 | 982.4 | 1.3 - | .00 - | 269.9 |
| Avg | 2437085.8 | 877.9 | .00 | 28.99 | 28.79 | 981.8 | 107.6 | .15 | 262.0 |
| Max | 2443052.4 | 879.6 | .07 | 29.01 | 28.83 | 982.6 | 620.6 | .89 | 310.6 |
| Hr. of Max | 23 | 23 | 14 | 23 | 22 | 22 | 12 | 12 | 03 |
| Min | 2429234.9 | 876.8 | .00 | 28.98 | 28.76 | 981.4 | -.4 | .00 | 219.9 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

7/31/2018

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 | 269.1 | 23.4 | 2.8 | 3.1 | 1.4 | -7.3 | -.42 | 6.5 | 9.1 |
| 01:00 | 272.0 | 14.4 | 3.3 | 3.5 | 1.6 | -8.7 | -.51 | 8.6 | 10.1 |
| 02:00 | 260.3 | 11.9 | 3.5 | 3.6 | 1.6 | -4.5 | -.32 | 7.3 | 8.9 |
| 03:00 | 310.4 | 22.1 | 1.3 | 1.4 | .6 | -15.6 | -.44 | 4.9 | 14.1 |
| 04:00 | 286.7 | 22.2 | 2.0 | 2.1 | 1.0 | -11.5 | -.46 | 5.5 | 12.4 |
| 05:00 | 285.5 | 29.4 | 2.0 | 2.3 | 1.0 | -11.8 | -.44 | 10.8 | 14.1 |
| 06:00 | 292.4 | 21.0 | 2.9 | 3.0 | 1.4 | -9.6 | -.66 | 7.3 | 15.6 |
| 07:00 | 280.8 | 18.8 | 3.5 | 3.7 | 1.7 | -8.1 | -.62 | 7.4 | 13.8 |
| 08:00 | 254.5 | 10.4 | 7.4 | 7.5 | 3.4 | -3.0 | -.48 | 14.6 | 8.4 |
| 09:00 | 253.4 | 11.4 | 7.8 | 7.9 | 3.6 | -2.6 | -.45 | 15.1 | 8.0 |
| 10:00 | 245.1 | 14.7 | 6.2 | 6.4 | 2.9 | -1.1 | -.22 | 11.6 | 9.5 |
| 11:00 | 238.1 | 15.3 | 6.1 | 6.4 | 2.8 | -.2 | -.13 | 13.2 | 11.5 |
| 12:00 | 223.5 | 16.7 | 6.2 | 6.5 | 2.9 | 1.6 | .17 | 12.2 | 10.5 |
| 13:00 | 242.1 | 17.3 | 6.3 | 6.6 | 3.0 | -1.0 | -.20 | 21.5 | 9.1 |
| 14:00 | 228.4 | 22.1 | 4.7 | 5.5 | 2.5 | -.2 | -.13 | 17.6 | 10.9 |
| 15:00 | 248.2 | 38.7 | 2.4 | 3.1 | 1.4 | -2.5 | -.17 | 8.8 | 18.2 |
| 16:00 | 229.0 | 24.6 | 2.2 | 2.6 | 1.1 | -1.7 | -.08 | 5.2 | 13.5 |
| 17:00 | 218.3 | 14.2 | 3.5 | 3.8 | 1.7 | .1 | -.04 | 8.1 | 9.7 |
| 18:00 | 243.5 | 23.1 | 2.5 | 3.1 | 1.4 | -4.2 | -.27 | 6.1 | 11.8 |
| 19:00 | 291.6 | 43.6 | 1.3 | 1.7 | .8 | -8.3 | -.36 | 5.4 | 20.1 |
| 20:00 | 297.7 | 35.4 | 1.3 | 1.5 | .7 | -11.1 | -.38 | 3.7 | 16.2 |
| 21:00 | 240.7 | 11.8 | 4.7 | 4.8 | 2.1 | -1.7 | -.11 | 11.1 | 7.4 |
| 22:00 | 259.5 | 11.3 | 6.6 | 6.8 | 3.0 | -4.2 | -.61 | 14.4 | 8.5 |
| 23:00 | 266.3 | 21.5 | 4.0 | 4.3 | 1.9 | -4.9 | -.40 | 13.3 | 10.8 |
| Avg | 252.7 | 20.6 | 3.7 | 4.2 | 1.9 | -5.1 | -.32 | 10.0 | 11.8 |
| Max | 310.4 | 43.6 | 7.8 | 7.9 | 3.6 | 1.6 | .17 | 21.5 | 20.1 |
| Hr. of Max | 03 | 19 | 09 | 09 | 09 | 12 | 12 | 13 | 19 |
| Min | 218.3 | 10.4 | 1.3 | 1.4 | .6 | -15.6 | -.66 | 3.7 | 7.4 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |