Date Printed: 1/4/2019 11:25

# Daily Summary Report

Site: Tower "F" (8500 Area)

4/15/2018

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 | 15.0 | 59.0 | 16.0 | 93.7 | 11.8 | 0.010157 | 0.010841 | 15.7 | 17.1 |
| 01:00 | 15.1 | 59.2 | 16.1 | 94.7 | 12.0 | 0.010346 | 0.010928 | 16.0 | 17.2 |
| 02:00 | 14.9 | 58.9 | 15.9 | 95.2 | 12.0 | 0.010292 | 0.010814 | 15.9 | 17.0 |
| 03:00 | 14.8 | 58.7 | 15.8 | 95.7 | 11.9 | 0.010261 | 0.010727 | 15.9 | 16.9 |
| 04:00 | 15.0 | 59.1 | 16.0 | 95.6 | 12.1 | 0.010413 | 0.010888 | 16.1 | 17.1 |
| 05:00 | 15.4 | 59.7 | 16.4 | 94.7 | 12.3 | 0.01055 | 0.011135 | 16.3 | 17.5 |
| 06:00 | 15.6 | 60.1 | 16.6 | 94.0 | 12.3 | 0.010621 | 0.011301 | 16.4 | 17.8 |
| 07:00 | 15.7 | 60.3 | 16.7 | 92.7 | 12.2 | 0.010551 | 0.011384 | 16.3 | 17.9 |
| 08:00 | 15.4 | 59.7 | 16.4 | 93.1 | 12.0 | 0.010381 | 0.011147 | 16.0 | 17.5 |
| 09:00 | 15.6 | 60.0 | 16.6 | 91.1 | 11.9 | 0.01029 | 0.011295 | 15.9 | 17.7 |
| 10:00 | 15.3 | 59.6 | 16.3 | 91.0 | 11.7 | 0.010117 | 0.011123 | 15.6 | 17.5 |
| 11:00 | 10.5 | 50.9 | 11.5 | 97.1 | 9.3 | 0.007871 | 0.008107 | 12.2 | 12.7 |
| 12:00 | 10.4 | 50.8 | 11.4 | 97.4 | 9.3 | 0.007843 | 0.008051 | 12.2 | 12.6 |
| 13:00 | 10.3 | 50.5 | 11.3 | 98.7 | 9.3 | 0.007873 | 0.007978 | 12.2 | 12.5 |
| 14:00 | 10.3 | 50.6 | 11.3 | 98.5 | 9.4 | 0.007893 | 0.008012 | 12.2 | 12.6 |
| 15:00 | 10.3 | 50.6 | 11.3 | 98.6 | 9.3 | 0.007888 | 0.008003 | 12.2 | 12.6 |
| 16:00 | 9.8 | 49.6 | 10.8 | 98.4 | 9.0 | 0.007599 | 0.007723 | 11.8 | 12.1 |
| 17:00 | 9.7 | 49.5 | 10.7 | 91.8 | 8.4 | 0.00705 | 0.007679 | 10.9 | 12.1 |
| 18:00 | 10.1 | 50.2 | 11.1 | 81.3 | 7.6 | 0.00641 | 0.007883 | 10.0 | 12.4 |
| 19:00 | 8.7 | 47.7 | 9.7 | 81.0 | 7.0 | 0.005815 | 0.007182 | 9.1 | 11.3 |
| 20:00 | 7.5 | 45.4 | 8.5 | 82.4 | 6.5 | 0.005427 | 0.006583 | 8.5 | 10.3 |
| 21:00 | 6.7 | 44.1 | 7.7 | 81.7 | 6.2 | 0.005104 | 0.006244 | 8.0 | 9.8 |
| 22:00 | 6.0 | 42.9 | 7.0 | 84.6 | 6.1 | 0.005046 | 0.005964 | 7.9 | 9.4 |
| 23:00 | 5.7 | 42.2 | 6.7 | 88.0 | 6.2 | 0.005111 | 0.00581 | 8.0 | 9.1 |
| Avg | 11.8 | 53.3 | 12.8 | 92.1 | 9.8 | 0.008371 | 0.009033 | 13.0 | 14.2 |
| Max | 15.7 | 60.3 | 16.7 | 98.7 | 12.3 | 0.010621 | 0.011384 | 16.4 | 17.9 |
| Hr. of Max | 07 | 07 | 07 | 13 | 06 | 06 | 07 | 06 | 07 |
| Min | 5.7 | 42.2 | 6.7 | 81.0 | 6.1 | 0.005046 | 0.00581 | 7.9 | 9.1 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

4/15/2018

Interval: 001h

| | 11_LHV_010m | 13_Precip_mm | 14_Precip_In | 15a_BarPres_In | 16_BarPres_Mb | 7_Solar_Rad_Wn | 3_Solar_Rad_Lar | 19_WDir_010m | 20_VWDir_010m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | None | VAR | INCHES | INHG | KPa | W/M2 | Langleys | DEG | DEG |
| 00:00 | 2455666.1 | 444.9 | .13 | | 970.6 | -.5 | .00 | 266.9 | 251.4 |
| 01:00 | 2455383.9 | 447.0 | .03 | | 970.6 | -.5 | .00 | 227.3 | 230.2 |
| 02:00 | 2455788.8 | 447.7 | .00 | | 969.2 | -.3 | .00 | 110.1 | 117.0 |
| 03:00 | 2456108.3 | 447.7 | .00 | | 967.8 | -.5 | .00 | 90.8 | 95.1 |
| 04:00 | 2455572.8 | 449.0 | .12 | | 967.8 | -.4 | .00 | 272.4 | 237.9 |
| 05:00 | 2454736.6 | 451.4 | .06 | | 967.8 | -.4 | .00 | 237.2 | 237.1 |
| 06:00 | 2454209.0 | 453.1 | .07 | | 967.1 | -.5 | .00 | 217.5 | 215.0 |
| 07:00 | 2453946.9 | 455.0 | .07 | | 966.5 | 1.4 | .00 | 199.7 | 198.7 |
| 08:00 | 2454746.2 | 457.8 | .14 | | 965.1 | 11.9 | .02 | 177.3 | 175.7 |
| 09:00 | 2454272.7 | 459.4 | .00 | | 964.4 | 46.4 | .07 | 155.4 | 156.1 |
| 10:00 | 2454875.8 | 459.7 | .07 | | 963.7 | 36.2 | .05 | 78.1 | 111.3 |
| 11:00 | 2466316.9 | 463.7 | .15 | | 964.4 | 45.2 | .06 | 322.4 | 320.6 |
| 12:00 | 2466535.5 | 465.3 | .05 | | 965.1 | 71.7 | .10 | 320.6 | 318.9 |
| 13:00 | 2466848.8 | 468.0 | .13 | | 965.1 | 100.2 | .14 | 279.3 | 17.3 |
| 14:00 | 2466716.2 | 470.1 | .06 | | 964.4 | 125.4 | .18 | 305.0 | 301.8 |
| 15:00 | 2466748.2 | 473.2 | .14 | | 964.4 | 66.6 | .10 | 292.8 | 285.8 |
| 16:00 | 2468004.1 | 474.8 | .01 | | 964.4 | 110.6 | .16 | 319.7 | 318.2 |
| 17:00 | 2468213.2 | 474.9 | .00 | | 964.4 | 156.4 | .22 | 322.6 | 321.5 |
| 18:00 | 2467287.3 | 474.9 | .00 | | 965.1 | 94.7 | .14 | 320.4 | 320.9 |
| 19:00 | 2470550.9 | 474.9 | .00 | | 965.8 | 20.8 | .03 | 334.6 | 333.4 |
| 20:00 | 2473560.0 | 474.9 | .00 | | 966.5 | .4 | .00 | 331.5 | 331.7 |
| 21:00 | 2475362.3 | 474.9 | .00 | | 967.8 | -.5 | .00 | 331.3 | 331.1 |
| 22:00 | 2476929.5 | 474.9 | .00 | | 968.5 | -.3 | .00 | 330.9 | 330.5 |
| 23:00 | 2477818.8 | 474.9 | .00 | | 968.5 | -.5 | .00 | 320.4 | 319.5 |
| Avg | 2463175.0 | 463.0 | .05 | | 966.5 | 36.8 | .05 | 294.0 | .0 |
| Max | 2477818.8 | 474.9 | .15 | | 970.6 | 156.4 | .22 | 334.6 | 333.4 |
| Hr. of Max | 23 | 23 | 11 | | 01 | 17 | 17 | 19 | 19 |
| Min | 2453946.9 | 444.9 | .00 | | 963.7 | -.5 | .00 | 78.1 | 17.3 |
| Count | 24 | 24 | 24 | 0 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

4/15/2018

Interval: 001h

| | 21_Sigma_010m | 22_RWSpd_010m | 23_WSpd_010m | 24_WSpdms_10n | 25_WElev_010m | 26_VSSpd_010m | 29_PkWsH_010m | 30_SigPhi_010m |
|---|---|---|---|---|---|---|---|---|
| Hour | DEG | MPH | MPH | M/SEC | DEG | MPH | MPH | DEG |
| 00:00 | 26.0 | 2.2 | 3.1 | 1.4 | -5.4 | -.20 | 7.9 | 10.5 |
| 01:00 | 51.1 | 1.2 | 2.2 | 1.0 | -8.5 | -.31 | 5.9 | 10.8 |
| 02:00 | 37.0 | 1.2 | 2.6 | 1.2 | -9.3 | -.43 | 8.7 | 9.0 |
| 03:00 | 28.7 | 3.3 | 3.9 | 1.7 | -9.2 | -.61 | 8.1 | 7.2 |
| 04:00 | 54.8 | 2.0 | 3.3 | 1.5 | -7.4 | -.38 | 15.7 | 14.8 |
| 05:00 | 11.6 | 4.9 | 5.0 | 2.2 | -1.6 | -.19 | 10.8 | 8.2 |
| 06:00 | 14.5 | 5.9 | 6.3 | 2.8 | -.9 | -.18 | 14.0 | 10.3 |
| 07:00 | 17.7 | 7.5 | 7.9 | 3.5 | -.3 | -.22 | 16.3 | 12.6 |
| 08:00 | 27.1 | 9.1 | 9.7 | 4.3 | -3.5 | -.65 | 22.2 | 12.4 |
| 09:00 | 11.6 | 6.5 | 6.7 | 3.0 | -6.0 | -.75 | 18.8 | 8.9 |
| 10:00 | 24.5 | .6 | 4.2 | 1.9 | -8.5 | -.69 | 18.1 | 9.5 |
| 11:00 | 24.7 | 5.4 | 6.0 | 2.6 | -5.9 | -.87 | 17.7 | 15.3 |
| 12:00 | 18.6 | 4.9 | 5.4 | 2.4 | -5.9 | -.81 | 14.3 | 13.1 |
| 13:00 | 17.9 | 5.7 | 6.0 | 2.7 | -4.7 | -.59 | 12.9 | 12.2 |
| 14:00 | 29.2 | 3.1 | 3.5 | 1.6 | -5.0 | -.48 | 9.6 | 17.2 |
| 15:00 | 28.1 | 4.3 | 4.9 | 2.2 | -5.3 | -.59 | 11.8 | 14.8 |
| 16:00 | 25.1 | 4.7 | 5.2 | 2.3 | -6.7 | -.86 | 14.3 | 15.9 |
| 17:00 | 25.7 | 3.4 | 3.6 | 1.6 | -7.3 | -.65 | 11.2 | 17.2 |
| 18:00 | 26.4 | 4.0 | 4.6 | 2.1 | -5.2 | -.67 | 13.9 | 15.1 |
| 19:00 | 22.2 | 5.1 | 5.4 | 2.4 | -6.9 | -.86 | 21.4 | 14.9 |
| 20:00 | 25.8 | 5.0 | 5.4 | 2.4 | -6.3 | -.94 | 16.8 | 15.4 |
| 21:00 | 21.4 | 5.1 | 5.4 | 2.4 | -6.7 | -.90 | 15.4 | 14.9 |
| 22:00 | 22.6 | 5.5 | 5.9 | 2.7 | -5.5 | -.89 | 16.2 | 15.1 |
| 23:00 | 22.7 | 4.9 | 5.3 | 2.4 | -6.2 | -.86 | 17.0 | 15.9 |
| Avg | 25.6 | 4.4 | 5.1 | 2.3 | -5.8 | -.61 | 14.1 | 13.0 |
| Max | 54.8 | 9.1 | 9.7 | 4.3 | -.3 | -.18 | 22.2 | 17.2 |
| Hr. of Max | 04 | 08 | 08 | 08 | 07 | 06 | 08 | 17 |
| Min | 11.6 | .6 | 2.2 | 1.0 | -9.3 | -.94 | 5.9 | 7.2 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | |