Date Printed: 11/6/2018 12:42

# Daily Summary Report

Site: Tower "F" (8500 Area)

10/18/2018

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 | 12.1 | 53.8 | 13.1 | 70.2 | 7.5 | 0.006262 | 0.008922 | 9.8 | 14.2 |
| 01:00 | 11.5 | 52.7 | 12.5 | 73.1 | 7.5 | 0.00625 | 0.008559 | 9.8 | 13.6 |
| 02:00 | 10.6 | 51.0 | 11.7 | 73.9 | 7.1 | 0.00594 | 0.008044 | 9.3 | 12.8 |
| 03:00 | 10.2 | 50.4 | 11.3 | 67.9 | 6.4 | 0.005337 | 0.007863 | 8.4 | 12.5 |
| 04:00 | 9.7 | 49.5 | 10.8 | 67.8 | 6.2 | 0.005148 | 0.007596 | 8.1 | 12.1 |
| 05:00 | 8.9 | 48.0 | 10.2 | 73.3 | 6.4 | 0.005259 | 0.007179 | 8.3 | 11.4 |
| 06:00 | 8.3 | 47.0 | 9.7 | 75.9 | 6.4 | 0.005243 | 0.006913 | 8.3 | 11.0 |
| 07:00 | 7.8 P | 46.1 P | 9.3 P | 78.2 P | 6.4 P | 0.005228 P | 0.006688 P | 8.2 P | 10.6 P |
| 08:00 | 8.2 | 46.8 | 9.5 | 75.1 | 6.3 | 0.005152 | 0.006865 | 8.1 | 10.9 |
| 09:00 | 9.3 | 48.7 | 10.3 | 69.6 | 6.2 | 0.005126 | 0.007372 | 8.1 | 11.7 |
| 10:00 | 10.3 | 50.6 | 11.1 | 66.4 | 6.3 | 0.005246 | 0.007902 | 8.3 | 12.6 |
| 11:00 | 11.4 | 52.6 | 12.1 | 61.7 | 6.3 | 0.005244 | 0.008508 | 8.3 | 13.5 |
| 12:00 | 13.0 | 55.4 | 13.4 | 54.0 | 6.1 | 0.005095 | 0.009448 | 8.0 | 15.0 |
| 13:00 | 14.2 | 57.6 | 14.3 | 48.9 | 5.9 | 0.005001 | 0.010232 | 7.9 | 16.3 |
| 14:00 | 15.3 | 59.5 | 15.2 | 44.2 | 5.7 | 0.00484 | 0.010963 | 7.6 | 17.4 |
| 15:00 | 16.2 | 61.2 | 16.0 | 40.0 | 5.5 | 0.004655 | 0.011643 | 7.3 | 18.5 |
| 16:00 | 16.3 | 61.3 | 16.1 | 40.3 | 5.6 | 0.004713 | 0.011696 | 7.4 | 18.6 |
| 17:00 | 16.4 | 61.5 | 16.3 | 42.9 | 5.9 | 0.005032 | 0.011743 | 7.9 | 18.6 |
| 18:00 | 15.2 | 59.3 | 15.4 | 49.6 | 6.4 | 0.005394 | 0.010871 | 8.5 | 17.3 |
| 19:00 | 14.4 | 58.0 | 14.9 | 51.1 | 6.3 | 0.005296 | 0.010381 | 8.3 | 16.5 |
| 20:00 | 12.8 | 55.1 | 13.6 | 59.9 | 6.7 | 0.005595 | 0.009357 | 8.8 | 14.9 |
| 21:00 | 11.7 | 53.1 | 12.6 | 64.3 | 6.7 | 0.005576 | 0.008676 | 8.8 | 13.8 |
| 22:00 | 10.6 | 51.1 | 11.7 | 69.7 | 6.8 | 0.005622 | 0.008069 | 8.8 | 12.8 |
| 23:00 | 9.6 | 49.2 | 10.9 | 76.3 | 6.9 | 0.005736 | 0.00752 | 9.0 | 11.9 |
| Avg | 11.8 | 53.3 | 12.6 | 62.3 | 6.4 | 0.005333 | 0.008875 | 8.4 | 14.1 |
| Max | 16.4 | 61.5 | 16.3 | 78.2 | 7.5 | 0.006262 | 0.011743 | 9.8 | 18.6 |
| Hr. of Max | 17 | 17 | 17 | 07 | 01 | 00 | 17 | 01 | 17 |
| Min | 7.8 | 46.1 | 9.3 | 40.0 | 5.5 | 0.004655 | 0.006688 | 7.3 | 10.6 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

10/18/2018

Interval: 001h

| | 13_Precip_mm | 14_Precip_In | 15_BarPres_In | 15a_BarPres_In | 16_BarPres_Mb | 7_Solar_Rad_Wn | 8_Solar_Rad_Lar | 19_WDir_010m | 20_VWDir_010m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | VAR | INCHES | INHG | INHG | KPa | W/M2 | Langleys | DEG | DEG |
| 00:00 | 1128.9 | .00 | 29.17 | 29.14 | 987.9 | -.1 | .00 | 27.0 | 27.3 |
| 01:00 | 1128.9 | .00 | 29.17 | 29.14 | 987.9 | -.1 | .00 | 37.8 | 38.1 |
| 02:00 | 1128.9 | .00 | 29.17 | 29.14 | 987.8 | -.1 | .00 | 50.3 | 50.3 |
| 03:00 | 1128.9 | .00 | 29.17 | 29.14 | 987.9 | .0 | .00 | 43.2 | 43.2 |
| 04:00 | 1128.9 | .00 | 29.17 | 29.15 | 987.9 | -.1 | .00 | 43.5 | 43.2 |
| 05:00 | 1128.9 | .00 | 29.18 | 29.16 | 988.2 | .0 | .00 | 49.1 | 49.4 |
| 06:00 | 1128.9 | .00 | 29.18 | 29.16 | 988.2 | -.2 | .00 | 48.6 | 48.6 |
| 07:00 | 1128.9 P | .00 P | 29.18 P | 29.17 P | 988.3 P | 3.2 P | .00 P | 38.2 P | 38.3 P |
| 08:00 | 1128.9 | .00 | 29.19 | 29.19 | 988.7 | 126.3 | .18 | 44.3 | 44.9 |
| 09:00 | 1128.9 | .00 | 29.21 | 29.22 | 989.1 | 337.0 | .48 | 49.8 | 49.8 |
| 10:00 | 1128.9 | .00 | 29.21 | 29.23 | 989.2 | 543.0 | .78 | 49.4 | 49.5 |
| 11:00 | 1128.9 | .00 | 29.21 | 29.23 | 989.2 | 682.0 | .98 | 39.8 | 39.9 |
| 12:00 | 1128.9 | .00 | 29.21 | 29.23 | 989.2 | 774.8 | 1.11 | 47.0 | 46.0 |
| 13:00 | 1128.9 | .00 | 29.20 | 29.20 | 988.8 | 801.1 | 1.15 | 46.6 | 47.5 |
| 14:00 | 1128.9 | .00 | 29.18 | 29.17 | 988.3 | 755.0 | 1.08 | 43.6 | 43.8 |
| 15:00 | 1128.9 | .00 | 29.17 | 29.15 | 987.9 | 565.9 | .81 | 58.7 | 58.9 |
| 16:00 | 1128.9 | .00 | 29.17 | 29.14 | 987.8 | 386.4 | .55 | 70.2 | 70.8 |
| 17:00 | 1128.9 | .00 | 29.17 | 29.14 | 987.8 | 262.5 | .38 | 72.4 | 74.5 |
| 18:00 | 1128.9 | .00 | 29.16 | 29.13 | 987.5 | 56.0 - | .08 | 62.4 | 62.5 |
| 19:00 | 1128.9 | .00 | 29.16 | 29.13 | 987.6 | .3 | .00 | 51.9 | 52.9 |
| 20:00 | 1128.9 | .00 | 29.17 | 29.14 | 987.9 | .0 | .00 | 48.8 | 48.9 |
| 21:00 | 1128.9 | .00 | 29.17 | 29.14 | 987.9 | .1 | .00 | 54.9 | 54.8 |
| 22:00 | 1128.9 | .00 | 29.17 | 29.14 | 987.9 | .0 | .00 | 56.0 | 52.5 |
| 23:00 | 1128.9 | .00 | 29.17 | 29.14 | 987.9 | -.1 | .00 | 54.4 | 54.4 |
| Avg | 1128.9 | .00 | 29.18 | 29.16 | 988.2 | 220.5 | .32 | 49.0 | .0 |
| Max | 1128.9 | .00 | 29.21 | 29.23 | 989.2 | 801.1 | 1.15 | 72.4 | 74.5 |
| Hr. of Max | 23 | 23 | 12 | 12 | 12 | 13 | 13 | 17 | 17 |
| Min | 1128.9 | .00 | 29.16 | 29.13 | 987.5 | -.2 | .00 | 27.0 | 27.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "F" (8500 Area)

10/18/2018

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 | 11.1 | 5.3 | 5.4 | 2.4 | -11.7 | -1.19 | 11.4 | 7.3 |
| 01:00 | 8.1 | 4.7 | 4.8 | 2.1 | -12.5 | -1.11 | 9.4 | 5.9 |
| 02:00 | 9.3 | 5.4 | 5.5 | 2.5 | -13.1 | -1.34 | 10.2 | 7.7 |
| 03:00 | 11.4 | 6.9 | 7.1 | 3.2 | -12.7 | -1.69 | 15.5 | 8.0 |
| 04:00 | 11.4 | 7.3 | 7.5 | 3.4 | -13.1 | -1.82 | < | 8.1 |
| 05:00 | 13.9 | 5.5 | 5.7 | 2.5 | -12.7 | -1.37 | 11.9 | 8.4 |
| 06:00 | 9.5 | 8.1 | 8.2 | 3.7 | -13.7 | -2.06 | 15.3 | 7.0 |
| 07:00 | 10.8 P | 8.2 P | 8.3 P | 3.7 P | -13.3 P | -2.05 P | P | 7.5 P |
| 08:00 | 13.9 | 7.2 | 7.4 | 3.3 | -13.1 | -1.82 | 17.1 | 8.8 |
| 09:00 | 13.1 | 8.5 | 8.7 | 3.9 | -12.8 | -2.13 | 17.6 | 10.0 |
| 10:00 | 17.0 | 7.6 | 8.0 | 3.6 | -12.4 | -1.96 | 15.6 | 10.3 |
| 11:00 | 15.0 | 6.8 | 7.0 | 3.1 | -13.0 | -1.77 | 13.3 | 10.6 |
| 12:00 | 26.2 | 5.1 | 5.5 | 2.5 | -10.5 | -1.27 | 13.0 | 15.5 |
| 13:00 | 15.0 | 6.5 | 6.7 | 3.0 | -13.3 | -1.75 | 13.1 | 10.6 |
| 14:00 | 20.6 | 5.5 | 5.8 | 2.6 | -12.5 | -1.46 | 12.9 | 13.4 |
| 15:00 | 22.9 | 4.8 | 5.2 | 2.3 | -6.2 | -.77 | 11.7 | 15.9 |
| 16:00 | 17.3 | 5.4 | 5.7 | 2.6 | -9.2 | -1.13 | 10.7 | 12.1 |
| 17:00 | 22.6 | 4.9 | 5.2 | 2.4 | -8.2 | -.92 | 11.3 | 12.1 |
| 18:00 | 11.6 | 5.5 | 5.6 | 2.5 | -11.7 | -1.31 | 11.6 | 9.4 |
| 19:00 | 7.1 | 5.9 | 6.0 | 2.7 | -13.2 | -1.45 | 13.4 | 5.8 |
| 20:00 | 6.2 | 5.7 | 5.8 | 2.6 | -13.6 | -1.43 | 10.2 | 5.3 |
| 21:00 | 8.5 | 4.4 | 4.4 | 2.0 | -12.3 | -1.00 | 7.4 | 7.0 |
| 22:00 | 8.0 | 4.6 | 4.7 | 2.1 | -12.1 | -1.08 | 9.1 | 6.5 |
| 23:00 | 8.8 | 2.6 | 2.6 | 1.2 | -11.7 | -.56 | 4.7 | 6.0 |
| Avg | 13.3 | 5.9 | 6.1 | 2.7 | -12.0 | -1.44 | 12.1 | 9.1 |
| Max | 26.2 | 8.5 | 8.7 | 3.9 | -6.2 | -.56 | 17.6 | 15.9 |
| Hr. of Max | 12 | 09 | 09 | 09 | 15 | 23 | 09 | 15 |
| Min | 6.2 | 2.6 | 2.6 | 1.2 | -13.7 | -2.13 | 4.7 | 5.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 22 | 24 |
| Total | | | | | | | | |