Date Printed: 12/18/2020 00:25

# Daily Summary Report

Site: Tower "F" (8500 Area)

12/17/2020

Interval: 001h

| | 01_TempC_010m | 02_TempF_010m | 2a_SonicTemp_010r | 05_RH_010m | 06_AbsHum_010m | 09_VaporPr_010m | )_Sat Vapor_Pr_010 | 14_Precip_In | 15a_BarPres_In |
|---|---|---|---|---|---|---|---|---|---|
| Time | DEGC | DEGF | DEGC | PERCENT | None | KPa | KPa | INCHES | INHG |
| 00:00 | 2.8 | 37.0 | 2.2 | 99.7 | 5.8 | 7.4 | 7.5 | .00 | 28.86 |
| 01:00 | 2.1 | 35.8 | 1.5 | 99.8 | 5.5 | 7.0 | 7.1 | .00 | 28.86 |
| 02:00 | 1.6 | 34.9 | 1.0 | 100.2 | 5.4 | 6.8 | 6.9 | .00 | 28.88 |
| 03:00 | 1.4 | 34.5 | .7 | 100.3 | 5.3 | 6.7 | 6.8 | .00 | 28.90 |
| 04:00 | 1.1 | 34.1 | .5 | 99.1 | 5.2 | 6.5 | 6.6 | .00 | 28.90 |
| 05:00 | 1.0 | 33.8 | .3 | 97.4 | 5.0 | 6.4 | 6.6 | .00 | 28.91 |
| 06:00 | .8 | 33.5 | .1 | 97.8 | 5.0 | 6.3 | 6.5 | .00 | 28.93 |
| 07:00 | .6 | 33.1 | -.1 | 98.3 | 4.9 | 6.2 | 6.4 | .00 | 28.96 |
| 08:00 | .4 | 32.8 | -.3 | 97.4 | 4.8 | 6.1 | 6.3 | .00 | 28.98 |
| 09:00 | .5 | 32.9 | -.3 | 96.2 | 4.8 | 6.1 | 6.3 | .00 | 29.00 |
| 10:00 | .7 | 33.3 | -.1 | 93.7 | 4.7 | 6.0 | 6.4 | .00 | 29.02 |
| 11:00 | 1.1 | 33.9 | .3 | 88.3 | 4.6 | 5.8 | 6.6 | .00 | 29.02 |
| 12:00 | 1.1 | 34.0 | .2 | 84.4 | 4.4 | 5.5 | 6.6 | .00 | 29.02 |
| 13:00 | 1.0 | 33.8 | .0 | 82.4 | 4.2 | 5.4 | 6.6 | .00 | 29.02 |
| 14:00 | .1 | 32.3 | -.8 | 86.9 | 4.2 | 5.3 | 6.2 | .00 | 29.02 |
| 15:00 | -.2 | 31.6 | -1.1 | 87.3 | 4.2 | 5.2 | 6.0 | .00 | 29.04 |
| 16:00 | -.7 | 30.7 | -1.6 | 87.3 | 4.0 | 5.0 | 5.8 | .00 | 29.07 |
| 17:00 | -.9 | 30.3 | -1.8 | 86.6 | 3.9 | 4.9 | 5.7 | .00 | 29.09 |
| 18:00 | -1.0 | 30.2 | -1.8 | 85.8 | 3.9 | 4.9 | 5.7 | .00 | 29.11 |
| 19:00 | -1.0 | 30.2 | -1.8 | 85.3 | 3.8 | 4.8 | 5.7 | .00 | 29.14 |
| 20:00 | -.9 | 30.3 | -1.8 | 85.3 | 3.9 | 4.8 | 5.7 | .00 | 29.16 |
| 21:00 | -.9 | 30.4 | -1.7 | 84.8 | 3.8 | 4.8 | 5.7 | .00 | 29.16 |
| 22:00 | -.9 | 30.4 | -1.7 | 83.8 | 3.8 | 4.8 | 5.7 | .00 | 29.17 |
| 23:00 | -.8 | 30.6 | -1.6 | 83.9 | 3.8 | 4.8 | 5.8 | .00 | 29.18 |
| Avg | .4 | 32.7 | -.4 | 91.3 | 4.5 | 5.7 | 6.3 | .00 | 29.02 |
| Max | 2.8 | 37.0 | 2.2 | 100.3 | 5.8 | 7.4 | 7.5 | .00 | 29.18 |
| Max Time | 00:00 | 00:00 | 00:00 | 03:00 | 00:00 | 00:00 | 00:00 | 23:00 | 23:00 |
| Min | -1.0 | 30.2 | -1.8 | 82.4 | 3.8 | 4.8 | 5.7 | .00 | 28.86 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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Interval: 001h

| | 17_Solar_Rad_Wm2 | 19_WDir_010m | 20_VWDir_010m | 21_Sigma_010m | 23_WSpd_010m | 25_WElev_010m | 26_VSSpd_010m | 29_PkWsH_010m | 30_SigPhi_010m |
|---|---|---|---|---|---|---|---|---|---|
| Time | W/M2 | DEG | DEG | DEG | MPH | DEG | MPH | MPH | DEG |
| 00:00 | -.5 | 312.0 | 312.0 | 19.0 | 6.2 | 1.0 | .11 | 8.9 | 13.4 |
| 01:00 | -.4 | 317.9 | 317.9 | 17.7 | 6.2 | 1.3 | .12 | 11.0 | 12.6 |
| 02:00 | -.3 | 320.6 | 320.4 | 15.4 | 6.5 | 1.9 | .15 | 13.8 | 12.8 |
| 03:00 | -.3 | 320.8 | 320.9 | 17.6 | 5.9 | 1.3 | .09 | 9.7 | 12.6 |
| 04:00 | -.5 | 314.2 | 314.2 | 16.3 | 5.6 | .7 | .05 | 8.0 | 12.3 |
| 05:00 | -.2 | 317.5 | 317.6 | 17.8 | 5.6 | 2.6 | .24 | 8.7 | 13.2 |
| 06:00 | -.3 | 318.8 | 318.9 | 18.7 | 5.4 | 2.7 | .22 | 7.9 | 14.2 |
| 07:00 | .2 | 321.4 | 321.3 | 19.1 | 5.2 | 2.6 | .24 | 8.1 | 14.0 |
| 08:00 | 15.2 | 322.0 | 322.0 | 14.9 | 5.5 | 1.7 | .11 | 7.3 | 11.8 |
| 09:00 | 48.0 | 320.5 | 320.3 | 17.4 | 5.4 | 1.9 | .17 | 7.6 | 13.2 |
| 10:00 | 103.1 | 319.7 | 320.0 | 18.8 | 5.8 | 1.4 | .11 | 9.8 | 14.0 |
| 11:00 | 162.6 | 310.7 | 311.1 | 26.7 | 5.9 | 3.7 | .36 | 9.5 | 19.6 |
| 12:00 | 240.0 | 312.7 | 312.7 | 23.5 | 6.1 | 1.6 | .09 | 14.1 | 16.7 |
| 13:00 | 387.7 | 306.9 | 307.0 | 27.8 | 6.3 | 2.6 | .31 | 9.9 | 18.4 |
| 14:00 | 152.1 | 304.0 | 302.7 | 26.8 | 6.2 | 1.8 | .12 | 14.5 | 18.7 |
| 15:00 | 81.0 | 309.9 | 308.5 | 25.6 | 4.8 | 1.8 | .02 | 13.3 | 16.8 |
| 16:00 | 37.8 | 310.0 | 308.6 | 22.5 | 4.9 | 1.4 | -.06 | 14.3 | 16.3 |
| 17:00 | 4.2 | 322.5 | 322.8 | 15.9 | 5.5 | 1.9 | .05 | 12.1 | 11.5 |
| 18:00 | -.8 | 319.8 | 319.7 | 17.6 | 5.4 | .8 | -.06 | 13.0 | 12.2 |
| 19:00 | -.4 | 318.5 | 318.2 | 18.0 | 4.4 | .9 | .02 | 10.9 | 12.7 |
| 20:00 | -.6 | 313.1 | 313.3 | 23.6 | 3.4 | 1.4 | .07 | 5.6 | 15.7 |
| 21:00 | -.4 | 339.0 | 338.7 | 24.9 | 3.3 | -.9 | -.06 | 5.6 | 14.7 |
| 22:00 | -.4 | 332.4 | 332.6 | 12.4 | 3.7 | -1.1 | -.09 | 6.0 | 8.5 |
| 23:00 | -.5 | 16.1 | 17.0 | 16.2 | 3.1 | -3.0 | -.17 | 4.7 | 7.3 |
| Avg | 51.0 | 319.0 | .0 | 19.8 | 5.3 | 1.3 | .09 | 9.8 | 13.9 |
| Max | 387.7 | 339.0 | 338.7 | 27.8 | 6.5 | 3.7 | .36 | 14.5 | 19.6 |
| Max Time | 13:00 | 21:00 | 21:00 | 13:00 | 02:00 | 11:00 | 11:00 | 14:00 | 11:00 |
| Min | -.8 | 16.1 | 17.0 | 12.4 | 3.1 | -3.0 | -.17 | 4.7 | 7.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |