Date Printed: 11/11/2020 00:25

# Daily Summary Report

Site: Tower "F" (8500 Area)

11/10/2020

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 | 18.0 | 64.4 | 17.7 | 71.4 | 10.8 | 14.5 | 20.7 | .00 | 29.06 |
| 01:00 | 17.0 | 62.6 | 16.7 | 73.8 | 10.5 | 14.1 | 19.4 | .00 | 29.04 |
| 02:00 | 16.5 | 61.8 | 16.4 | 75.6 | 10.5 | 14.1 | 18.9 | .00 | 29.04 |
| 03:00 | 15.7 | 60.3 | 15.6 | 79.8 | 10.5 | 14.1 | 17.9 | .00 | 29.03 |
| 04:00 | 15.3 | 59.6 | 15.3 | 81.4 | 10.5 | 14.0 | 17.4 | .00 | 29.02 |
| 05:00 | 15.7 | 60.3 | 15.7 | 80.6 | 10.6 | 14.2 | 17.9 | .00 | 29.02 |
| 06:00 | 14.4 | 57.9 | 14.4 | 86.0 | 10.5 | 13.9 | 16.4 | .00 | 29.02 |
| 07:00 | 14.4 | 57.9 | 14.3 | 85.3 | 10.4 | 13.8 | 16.4 | .00 | 29.02 |
| 08:00 | 15.7 | 60.3 | 15.5 | 77.8 | 10.3 | 13.7 | 18.0 | .00 | 29.02 |
| 09:00 | 18.3 | 64.9 | 17.9 | 69.9 | 10.8 | 14.5 | 21.0 | .00 | 29.02 |
| 10:00 | 20.2 | 68.3 | 19.8 | 62.6 | 10.8 | 14.6 | 23.7 | .00 | 29.02 |
| 11:00 | 22.4 | 72.3 | 21.8 | 55.1 | 10.8 | 14.7 | 27.2 | .00 | 29.01 |
| 12:00 | 23.9 | 75.0 | 23.3 | 52.2 | 11.2 | 15.3 | 29.8 | .00 | 28.98 |
| 13:00 | 24.8 | 76.7 | 24.3 | 51.2 | 11.5 | 15.9 | 31.5 | .00 | 28.95 |
| 14:00 | 25.1 | 77.2 | 24.7 | 52.3 | 12.0 | 16.5 | 32.0 | .00 | 28.92 |
| 15:00 | 25.0 | 77.0 | 24.7 | 53.7 | 12.2 | 16.8 | 31.8 | .00 | 28.90 |
| 16:00 | 24.9 | 76.8 | 24.6 | 54.7 | 12.4 | 17.0 | 31.6 | .00 | 28.90 |
| 17:00 | 24.3 | 75.8 | 24.1 | 58.2 | 12.7 | 17.4 | 30.5 | .00 | 28.88 |
| 18:00 | 24.0 | 75.3 | 23.8 | 59.1 | 12.7 | 17.4 | 30.0 | .00 | 28.89 |
| 19:00 | 23.3 | 73.9 | 23.1 | 63.2 | 13.0 | 17.7 | 28.6 | .00 | 28.90 |
| 20:00 | 22.3 | 72.1 | 22.2 | 69.2 | 13.4 | 18.3 | 26.9 | .00 | 28.90 |
| 21:00 | 20.7 | 69.2 | 20.8 | 79.8 | 14.1 | 19.1 | 24.5 | .01 | 28.91 |
| 22:00 | 19.2 | 66.5 | 19.4 | 88.1 | 14.2 | 19.2 | 22.2 | .00 | 28.90 |
| 23:00 | 18.8 | 65.9 > | 19.0 | 90.1 | 14.3 > | 19.2 > | 21.8 > | .00 | 28.90 > |
| Avg | 20.0 | 68.0 | 19.8 | 69.6 | 11.7 | 15.8 | 24.0 | .00 | 28.97 |
| Max | 25.1 | 77.2 | 24.7 | 90.1 | 14.3 | 19.2 | 32.0 | .01 | 29.06 |
| Max Time | 14:00 | 14:00 | 15:00 | 23:00 | 23:00 | 23:00 | 14:00 | 21:00 | 00:00 |
| Min | 14.4 | 57.9 | 14.3 | 51.2 | 10.3 | 13.7 | 16.4 | .00 | 28.88 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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| | 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 | -.3 | 66.2 | 67.9 | 10.0 | 4.3 | -4.6 | -.34 | 7.7 | 5.3 |
| 01:00 | -.4 | 50.4 | 50.6 | 7.9 | 3.6 | -5.3 | -.34 | 6.8 | 4.6 |
| 02:00 | -.3 | 79.2 | 70.9 | 12.4 | 2.6 | -1.9 | -.13 | 5.0 | 7.5 |
| 03:00 | -.4 | 63.1 | 61.8 | 13.0 | 2.0 | -5.2 | -.18 | 4.7 | 5.0 |
| 04:00 | -.5 | 75.0 | 70.5 | 17.5 | 2.9 | -2.8 | -.16 | 6.5 | 5.4 |
| 05:00 | -.4 | 75.6 | 74.1 | 10.6 | 3.2 | -2.2 | -.13 | 6.5 | 5.4 |
| 06:00 | -.2 | 71.9 | 74.4 | 16.0 | 2.4 | -3.4 | -.14 | 6.7 | 5.5 |
| 07:00 | 45.4 | 91.0 | 74.1 | 15.7 | 2.7 | .2 | -.07 | 7.3 | 9.9 |
| 08:00 | 217.6 | 93.2 | 93.4 | 34.0 | 1.0 | 14.9 | .28 | 3.5 | 26.3 |
| 09:00 | 393.9 | 58.0 | 55.2 | 26.3 | 2.5 | 2.3 | .00 | 5.3 | 19.4 |
| 10:00 | 528.0 | 11.8 | 16.1 | 34.4 | 2.1 | -.5 | -.13 | 5.1 | 24.0 |
| 11:00 | 612.9 | 204.8 | 202.5 | 48.0 | 4.1 | 10.4 | .63 | 11.2 | 22.8 |
| 12:00 | 585.6 | 205.4 | 207.6 | 46.0 | 4.5 | 6.8 | .49 | 13.7 | 24.1 |
| 13:00 | 535.4 | 188.5 | 187.5 | 32.3 | 6.5 | 6.7 | .78 | < | 16.1 |
| 14:00 | 271.2 | 177.6 | 175.4 | 21.9 | 5.7 | 8.5 | .79 | < | 13.4 |
| 15:00 | 92.7 | 173.0 | 174.4 | 25.6 | 3.3 | 9.2 | .50 | 9.0 | 13.1 |
| 16:00 | 68.9 | 189.9 | 187.7 | 34.2 | 1.8 | 8.2 | .22 | 3.6 | 12.8 |
| 17:00 | 7.1 | 177.4 | 190.8 | 20.2 | 1.3 | 6.2 | .12 | 2.9 | 10.3 |
| 18:00 | -.5 | 175.5 | 182.2 | 17.7 | 1.9 | 5.9 | .21 | < | 9.8 |
| 19:00 | -.5 | 194.5 | 192.6 | 13.7 | 3.8 | 7.2 | .48 | 12.6 | 9.4 |
| 20:00 | -.5 | 238.7 | 238.9 | 16.9 | 3.5 | 2.2 | .10 | < | 8.6 |
| 21:00 | -.4 | 267.0 | 258.5 | 19.7 | 3.7 | -.1 | -.01 | 10.1 | 12.2 |
| 22:00 | -.2 | 294.4 | 291.4 | 19.1 | 2.2 | -4.4 | -.24 | < | 15.0 |
| 23:00 | -.3 > | 347.5 | 346.8 | 17.1 | 1.8 | -5.9 | -.19 > | < | 8.4 |
| Avg | 139.7 | 126.0 | .0 | 22.1 | 3.1 | 2.2 | .11 | 7.1 | 12.3 |
| Max | 612.9 | 347.5 | 346.8 | 48.0 | 6.5 | 14.9 | .79 | 13.7 | 26.3 |
| Max Time | 11:00 | 23:00 | 23:00 | 11:00 | 13:00 | 08:00 | 14:00 | 12:00 | 08:00 |
| Min | -.5 | 11.8 | 16.1 | 7.9 | 1.0 | -5.9 | -.34 | 2.9 | 4.6 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 18 | 24 |
| Total | | | | | | | | | |