Date Printed: 2/27/2019 01:20

# Daily Summary Report

Site: Tower "A" (7900 Area)

2/26/2019

Interval: 001h

| | 01_TempC_015m | 02_TempC_030m | 03_TempF_015m | 04_TempF_030m | 05_VT Grad | 06_DewPtC_015m | 08_RH_015m | 09_AbsHum_015m | 10_MixRatio_015m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEGC | DEGC | DEGF | DEGF | DEGC | DEGC | PERCENT | G/M3 | COUNT |
| 00:00 | 2.9 | 3.9 | 37.3 | 39.0 | 1.0 | .5 | 84.3 | 5.0 | 0.003972 |
| 01:00 | 2.8 | 3.7 | 37.0 | 38.6 | .9 | .9 | 88.2 | 5.1 | 0.004112 |
| 02:00 | 2.8 | 3.3 | 37.1 | 37.9 | .5 | 1.9 | 94.6 | 5.5 | 0.004424 |
| 03:00 | 2.0 | 2.7 | 35.6 | 36.8 | .6 | .7 | 91.9 | 5.1 | 0.004062 |
| 04:00 | 1.3 | 2.4 | 34.3 | 36.4 | 1.2 | 1.0 | 98.4 | 5.2 | 0.004127 |
| 05:00 | 1.2 | 2.1 | 34.2 | 35.8 | .9 | .5 | 95.7 | 5.0 | 0.003998 |
| 06:00 | .6 | 1.5 | 33.2 | 34.7 | .9 | .3 | 98.4 | 5.0 | 0.003935 |
| 07:00 | .8 | 1.1 | 33.5 | 34.1 | .3 | .1 | 95.4 | 4.9 | 0.00386 |
| 08:00 | 1.6 | 1.4 | 34.8 | 34.6 | -.1 | -.8 | 85.0 | 4.5 | 0.003614 |
| 09:00 | 5.0 | 4.6 | 40.9 | 40.4 | -.3 | -2.6 | 58.7 | 3.9 | 0.003175 |
| 10:00 | 7.9 | 7.7 | 46.2 | 45.8 | -.2 | -3.2 | 45.9 | 3.7 | 0.003047 |
| 11:00 | 10.8 | 10.4 | 51.5 | 50.8 | -.4 | -5.3 | 32.4 | 3.2 | 0.002632 |
| 12:00 | 13.2 | 13.0 | 55.8 | 55.4 | -.2 | -4.8 | 28.8 | 3.3 | 0.002738 |
| 13:00 | 14.9 | 14.6 | 58.8 | 58.3 | -.3 | -3.4 | 28.6 | 3.6 | 0.003039 |
| 14:00 | 15.8 | 15.5 | 60.4 | 59.9 | -.3 | -3.6 | 26.7 | 3.6 | 0.003014 |
| 15:00 | 16.1 | 15.9 | 61.1 | 60.6 | -.3 | -3.0 | 27.2 | 3.7 | 0.003138 |
| 16:00 | 16.4 | 16.3 | 61.4 | 61.3 | -.1 | -2.4 | 28.1 | 3.9 | 0.003297 |
| 17:00 | 16.1 | 16.1 | 61.0 | 61.0 | .0 | -1.8 | 29.7 | 4.1 | 0.003427 |
| 18:00 | 14.7 | 15.2 | 58.4 | 59.3 | .5 | .0 | 37.2 | 4.7 | 0.0039 |
| 19:00 | 13.0 | 14.1 | 55.4 | 57.4 | 1.1 | -1.0 | 38.7 | 4.4 | 0.003633 |
| 20:00 | 11.1 | 12.5 | 52.0 | 54.5 | 1.4 | .4 | 48.1 | 4.8 | 0.003997 |
| 21:00 | 9.8 | 11.4 | 49.7 | 52.6 | 1.6 | 1.7 | 57.5 | 5.3 | 0.004375 |
| 22:00 | 9.7 | 10.6 | 49.4 | 51.0 | .9 | 2.0 | 59.5 | 5.4 | 0.00449 |
| 23:00 | 9.1 | 9.7 | 48.4 | 49.4 | .6 | 2.8 | 65.5 | 5.8 | 0.004754 |
| Avg | 8.3 | 8.7 | 47.0 | 47.7 | .4 | -.8 | 60.1 | 4.5 | 0.003698 |
| Max | 16.4 | 16.3 | 61.4 | 61.3 | 1.6 | 2.8 | 98.4 | 5.8 | 0.004754 |
| Hr. of Max | 16 | 16 | 16 | 16 | 21 | 23 | 06 | 23 | 23 |
| Min | .6 | 1.1 | 33.2 | 34.1 | -.4 | -5.3 | 26.7 | 3.2 | 0.002632 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "A" (7900 Area)

2/26/2019

Interval: 001h

| | 12_VaporPr_015m | 15_WetBulbC | 16_Precip_mm | 18_BarPres_In | 21_WDir_015m | 22_WDir_030m | 23_VWDir_015m | 24_VWDir_030m | 25_Sigma_015m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | KPa | DEGC | MM | MM/HG | DEG | DEG | DEG | DEG | DEG |
| 00:00 | 6.3 | 1.3 | .0 | 29.42 | 55.0 | 75.3 | 64.0 | 72.3 | 45.5 |
| 01:00 | 6.5 | 1.5 | .0 | 29.42 | 60.6 | 61.9 | 54.0 | 61.2 | 26.4 |
| 02:00 | 7.0 | 2.2 | .0 | 29.41 | 88.1 | 81.2 | 86.5 | 80.3 | 16.3 |
| 03:00 | 6.4 | 1.2 | .0 | 29.41 | 67.6 | 66.3 | 63.8 | 66.2 | 38.1 |
| 04:00 | 6.5 | 1.1 | .0 | 29.41 | 61.5 | 65.7 | 68.7 | 66.8 | 37.2 |
| 05:00 | 6.3 | .8 | .0 | 29.42 | 50.0 | 66.1 | 50.1 | 65.9 | 19.4 |
| 06:00 | 6.2 | .4 | .0 | 29.42 | 67.3 | 70.0 | 67.4 | 70.4 | 29.9 |
| 07:00 | 6.1 | .3 | .0 | 29.43 | 48.2 | 65.2 | 48.2 | 65.0 | 10.7 |
| 08:00 | 5.7 | .0 | .0 | 29.44 | 62.7 | 71.2 | 61.6 | 71.1 | 16.5 |
| 09:00 | 5.0 | -.1 | .0 | 29.45 | 38.0 | 46.2 | 39.8 | 47.9 | 26.9 |
| 10:00 | 4.8 | .5 | .0 | 29.44 | 43.1 | 48.0 | 44.7 | 49.9 | 26.4 |
| 11:00 | 4.1 | .1 | .0 | 29.43 | 134.8 | 131.0 | 137.4 | 131.5 | 48.6 |
| 12:00 | 4.3 | 1.2 | .0 | 29.40 | 241.9 | 241.3 | 238.4 | 238.5 | 53.5 |
| 13:00 | 4.8 | 2.7 | .0 | 29.36 | 242.4 | 250.1 | 242.2 | 249.3 | 39.0 |
| 14:00 | 4.7 | 2.9 | .0 | 29.32 | 230.4 | 231.9 | 229.6 | 232.2 | 34.0 |
| 15:00 | 4.9 | 3.4 | .0 | 29.31 | 234.8 | 236.9 | 238.4 | 247.0 | 56.9 |
| 16:00 | 5.2 | 3.9 | .0 | 29.29 | 265.9 | 261.3 | 260.7 | 262.7 | 51.7 |
| 17:00 | 5.4 | 4.1 | .0 | 29.28 | 321.2 | 314.4 | 320.9 | 316.2 | 32.1 |
| 18:00 | 6.1 | 4.9 | .0 | 29.29 | 92.1 | 166.4 | 68.8 | 149.9 | 45.9 |
| 19:00 | 5.7 | 3.7 | .0 | 29.29 | 52.0 | 69.4 | 52.1 | 70.1 | 16.4 |
| 20:00 | 6.3 | 4.0 | .0 | 29.29 | 49.1 | 66.0 | 48.4 | 67.1 | 34.8 |
| 21:00 | 6.9 | 4.4 | .0 | 29.29 | 62.6 | 63.1 | 56.8 | 62.7 | 35.3 |
| 22:00 | 7.1 | 4.6 | .0 | 29.28 | 57.5 | 65.0 | 58.0 | 66.0 | 51.0 |
| 23:00 | 7.5 | 4.9 | .0 | 29.27 | 78.7 | 82.1 | 74.9 | 78.3 | 36.3 |
| Avg | 5.8 | 2.3 | .0 | 29.36 | 60.0 | 72.0 | .0 | .0 | 34.5 |
| Max | 7.5 | 4.9 | .0 | 29.45 | 321.2 | 314.4 | 320.9 | 316.2 | 56.9 |
| Hr. of Max | 23 | 23 | 23 | 09 | 17 | 17 | 17 | 17 | 15 |
| Min | 4.1 | -.1 | .0 | 29.27 | 38.0 | 46.2 | 39.8 | 47.9 | 10.7 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 2/27/2019 01:20

# Daily Summary Report

Site: Tower "A" (7900 Area)

2/26/2019

Interval: 001h

| | 26_Sigma_030m | 29_WSpd_015m | 30_WSpd_030m | 33_WElev_015m | 34_WElev_030m | 35_VSSpd_015m | 36_VSSpd_030m | 42_PkWsH_015m | 43_PkWsH_030m |
|---|---|---|---|---|---|---|---|---|---|
| Hour | DEG | MPH | MPH | DEG | DEG | MPH | MPH | MPH | MPH |
| 00:00 | 29.0 | 1.3 | 2.1 | -3.4 | .5 | -.09 | .01 | 2.8 | 4.6 |
| 01:00 | 5.8 | 1.8 | 3.6 | -2.2 | .6 | -.09 | .02 | 4.0 | 5.5 |
| 02:00 | 10.7 | 2.0 | 3.2 | -2.5 | .2 | -.09 | .00 | 3.4 | 5.0 |
| 03:00 | 8.2 | 1.1 | 2.6 | .2 | 2.5 | -.01 | .11 | 2.2 | 3.7 |
| 04:00 | 8.0 | 1.0 | 2.5 | -.5 | 2.2 | -.02 | .09 | 2.5 | 4.1 |
| 05:00 | 6.1 | 1.5 | 2.9 | -1.1 | 1.7 | -.04 | .08 | 3.0 | 4.2 |
| 06:00 | 6.0 | 1.5 | 3.3 | -2.1 | 1.0 | -.08 | .05 | 3.5 | 4.8 |
| 07:00 | 6.9 | 2.9 | 4.0 | -3.5 | -1.1 | -.21 | -.09 | 4.6 | 5.7 |
| 08:00 | 12.7 | 2.7 | 3.7 | .5 | .6 | -.03 | .01 | 6.3 | 7.3 |
| 09:00 | 27.8 | 3.0 | 3.1 | .3 | -1.2 | -.05 | -.05 | 6.9 | 7.4 |
| 10:00 | 25.8 | 3.1 | 3.2 | .3 | -.6 | -.06 | .00 | 8.5 | 7.9 |
| 11:00 | 48.4 | 3.0 | 2.9 | -3.4 | -9.1 | -.10 | -.34 | 8.4 | 7.7 |
| 12:00 | 44.8 | 3.3 | 3.8 | 5.7 | 6.6 | .29 | .42 | 8.1 | 9.3 |
| 13:00 | 30.2 | 4.6 | 5.6 | 2.4 | 2.5 | -.06 | .01 | 11.7 | 13.1 |
| 14:00 | 31.7 | 5.5 | 6.6 | 2.3 | 1.8 | .05 | .05 | 14.0 | 14.1 |
| 15:00 | 49.3 | 4.5 | 5.3 | 1.3 | 1.0 | .03 | .05 | 12.1 | 12.7 |
| 16:00 | 33.8 | 2.7 | 3.5 | 4.4 | 3.3 | .10 | .07 | 8.3 | 9.8 |
| 17:00 | 25.3 | 2.1 | 2.7 | -3.6 | -.8 | -.23 | -.13 | 7.6 | 8.2 |
| 18:00 | 29.8 | .9 | 1.2 | -.2 | 5.6 | -.02 | .12 | 2.2 | 2.3 |
| 19:00 | 12.6 | 1.4 | 2.1 | -2.1 | 1.9 | -.06 | .06 | 3.1 | 3.7 |
| 20:00 | 15.3 | 1.9 | 3.1 | -1.7 | 2.1 | -.07 | .11 | 5.3 | 5.2 |
| 21:00 | 6.7 | 2.2 | 3.7 | -2.6 | 1.3 | -.11 | .07 | 6.4 | 7.0 |
| 22:00 | 7.6 | 2.0 | 3.8 | -.7 | 1.7 | -.04 | .07 | 6.3 | 7.3 |
| 23:00 | 19.3 | 1.3 | 1.9 | -3.1 | 2.4 | -.07 | .09 | 2.9 | 4.4 |
| Avg | 20.9 | 2.4 | 3.4 | -.6 | 1.1 | -.04 | .04 | 6.0 | 6.9 |
| Max | 49.3 | 5.5 | 6.6 | 5.7 | 6.6 | .29 | .42 | 14.0 | 14.1 |
| Hr. of Max | 15 | 14 | 14 | 12 | 12 | 12 | 12 | 14 | 14 |
| Min | 5.8 | .9 | 1.2 | -3.6 | -9.1 | -.23 | -.34 | 2.2 | 2.3 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 2/27/2019 01:20

# Daily Summary Report

Site: Tower "A" (7900 Area)

2/26/2019

Interval: 001h

| | 44_SigPhi_015m | 45_SigPhi_030m |
|---|---|---|
| Hour | DEG | DEG |
| 00:00 | 7.3 | 7.5 |
| 01:00 | 7.3 | 2.9 |
| 02:00 | 5.3 | 3.5 |
| 03:00 | 9.2 | 4.2 |
| 04:00 | 8.7 | 3.8 |
| 05:00 | 8.2 | 2.7 |
| 06:00 | 8.8 | 3.6 |
| 07:00 | 5.1 | 3.2 |
| 08:00 | 15.5 | 11.2 |
| 09:00 | 24.3 | 24.6 |
| 10:00 | 22.3 | 21.3 |
| 11:00 | 28.3 | 30.5 |
| 12:00 | 26.4 | 26.7 |
| 13:00 | 24.5 | 23.2 |
| 14:00 | 20.4 | 18.2 |
| 15:00 | 22.3 | 22.7 |
| 16:00 | 27.6 | 24.8 |
| 17:00 | 17.4 | 16.3 |
| 18:00 | 9.8 | 10.0 |
| 19:00 | 7.5 | 4.6 |
| 20:00 | 6.1 | 6.8 |
| 21:00 | 6.1 | 3.1 |
| 22:00 | 9.3 | 7.7 |
| 23:00 | 8.8 | 8.2 |
| Avg | 14.0 | 12.1 |
| Max | 28.3 | 30.5 |
| Hr. of Max | 11 | 11 |
| Min | 5.1 | 2.7 |
| Count | 24 | 24 |
| Total | | |

# Flags

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **T** | Out of Control | **A** | Arithmetic Error (math calculation error) | **t** | Out of Control (Partial) | **S** | Site Visit |
| **s** | Site Activity | **>** | Some Data Missing | **+** | Max Exceeded | **-** | Min Exceeded |
| **<** | Logger Invalid | **?** | Suspect | **a** | Audit | **B** | Bad Status |
| **C** | Calibration | **c** | Ceiling Limit | **D** | Channel Disabled | **E** | Edited |
| **e** | Site Malfunction | **f** | Floor Limit | **H** | High-High Alarm | **h** | High Alarm |
| **I** | Invalidated By Edit | **J** | High Rate of Change Exceeded | **L** | Low-Low Alarm | **l** | Low Alarm |
| **M** | Maintenance | **m** | Marked Maint by edit | **O** | Overrange | **o** | Other |
| **P** | Power Failure | **p** | Precision Check | **Q** | Quality Assured | **R** | Rate of Change Exceeded |
| **V** | Dig Info#1 | **W** | Dig Info#2 | **X** | Dig Info#3 | **Y** | Dig Info#4 |
| **Z** | Dig Info#5 | **z** | Zero Adjusted | **F** | Boiler Offline | **j** | Low Rate of Change Exceeded |