Date Printed: 1/22/2019 01:20

# Daily Summary Report

Site: Tower "A" (7900 Area)

1/21/2019

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 | -6.8 | -6.8 | 19.8 | 19.7 | .0 | -15.2 | 51.5 | 1.5 | 0.001184 |
| 01:00 | -7.6 | -7.6 | 18.3 | 18.3 | .0 | -15.6 | 52.8 | 1.5 | 0.001137 |
| 02:00 | -8.3 | -8.3 | 17.1 | 17.1 | .0 | -16.0 | 53.8 | 1.4 | 0.001098 |
| 03:00 | -8.7 | -8.8 | 16.3 | 16.2 | .0 | -16.8 | 52.2 | 1.3 | 0.001029 |
| 04:00 | -9.1 | -9.1 | 15.6 | 15.6 | .0 | -16.6 | 54.8 | 1.4 | 0.001048 |
| 05:00 | -9.5 | -9.5 | 14.8 | 14.9 | .0 | -16.3 | 58.1 | 1.4 | 0.001071 |
| 06:00 | -9.8 | -9.8 | 14.3 | 14.4 | .0 | -16.3 | 59.3 | 1.4 | 0.001075 |
| 07:00 | -10.0 | -10.0 | 14.0 | 14.0 | .0 | -16.4 | 59.7 | 1.4 | 0.001075 |
| 08:00 | -9.7 | -9.8 | 14.5 | 14.3 | -.1 | -17.3 | 54.1 | 1.3 | 0.000982 |
| 09:00 | -8.7 | -9.0 | 16.3 | 15.8 | -.3 | -18.4 | 45.9 | 1.2 | 0.000902 |
| 10:00 | -7.8 | -8.1 | 17.9 | 17.4 | -.3 | -18.0 | 44.0 | 1.2 | 0.000926 |
| 11:00 | -6.9 | -7.2 | 19.6 | 19.1 | -.3 | -17.9 | 41.5 | 1.2 | 0.00094 |
| 12:00 | -5.6 | -5.9 | 21.9 | 21.4 | -.3 | -17.9 | 37.7 | 1.2 | 0.000945 |
| 13:00 | -4.6 | -5.0 | 23.6 | 23.1 | -.3 | -17.7 | 35.6 | 1.2 | 0.000957 |
| 14:00 | -3.7 | -3.9 | 25.3 | 24.9 | -.2 | -17.4 | 34.0 | 1.3 | 0.000981 |
| 15:00 | -3.0 | -3.2 | 26.5 | 26.3 | -.1 | -16.8 | 34.0 | 1.3 | 0.001035 |
| 16:00 | -2.3 | -2.5 | 27.8 | 27.5 | -.2 | -16.8 | 32.2 | 1.3 | 0.001034 |
| 17:00 | -2.3 | -2.4 | 27.8 | 27.7 | -.1 | -16.0 | 34.7 | 1.4 | 0.001113 |
| 18:00 | -2.8 | -2.8 | 27.0 | 27.0 | .0 | -15.4 | 37.5 | 1.5 | 0.00116 |
| 19:00 | -3.2 | -3.2 | 26.2 | 26.3 | .0 | -15.2 | 39.4 | 1.5 | 0.001182 |
| 20:00 | -3.3 | -3.3 | 26.0 | 26.0 | .0 | -15.1 | 40.0 | 1.5 | 0.001187 |
| 21:00 | -3.6 | -3.6 | 25.6 | 25.6 | .0 | -14.6 | 42.4 | 1.6 | 0.001237 |
| 22:00 | -3.8 | -3.8 | 25.2 | 25.2 | .0 | -14.1 | 45.0 | 1.7 | 0.001292 |
| 23:00 | -4.0 | -4.0 | 24.7 | 24.8 | .0 | -13.3 | 48.9 | 1.8 | 0.001375 |
| Avg | -6.0 | -6.2 | 21.1 | 20.9 | -.1 | -16.3 | 45.3 | 1.4 | 0.001082 |
| Max | -2.3 | -2.4 | 27.8 | 27.7 | .0 | -13.3 | 59.7 | 1.8 | 0.001375 |
| Hr. of Max | 17 | 17 | 17 | 17 | 23 | 23 | 07 | 23 | 23 |
| Min | -10.0 | -10.0 | 14.0 | 14.0 | -.3 | -18.4 | 32.2 | 1.2 | 0.000902 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 1/22/2019 01:20

# Daily Summary Report

Site: Tower "A" (7900 Area)

1/21/2019

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 | 1.8 | -12.4 | .0 | 29.36 | 32.8 | 34.8 | 32.1 | 34.6 | 23.2 |
| 01:00 | 1.8 | -13.0 | .0 | 29.38 | 51.3 | 52.2 | 52.0 | 52.9 | 20.2 |
| 02:00 | 1.7 | -13.4 | .0 | 29.40 | 52.4 | 56.5 | 52.0 | 55.1 | 22.7 |
| 03:00 | 1.6 | -14.1 | .0 | 29.40 | 44.5 | 48.6 | 45.4 | 49.2 | 19.3 |
| 04:00 | 1.6 | -14.1 | .0 | 29.41 | 52.2 | 50.8 | 52.0 | 51.2 | 21.3 |
| 05:00 | 1.7 | -14.0 | .0 | 29.41 | 38.4 | 45.4 | 39.9 | 46.4 | 19.8 |
| 06:00 | 1.7 | -14.1 | .0 | 29.44 | 44.4 | 50.2 | 45.6 | 51.2 | 20.9 |
| 07:00 | 1.7 | -14.3 | .0 | 29.47 | 43.5 | 49.6 | 44.3 | 49.8 | 19.4 |
| 08:00 | 1.5 | -14.8 | .0 | 29.49 | 42.5 | 48.5 | 43.2 | 49.1 | 19.2 |
| 09:00 | 1.4 | -15.1 | .0 | 29.54 | 38.7 | 44.0 | 39.8 | 44.8 | 19.7 |
| 10:00 | 1.4 | -14.6 | .0 | 29.56 | 57.4 | 61.3 | 57.2 | 59.9 | 24.9 |
| 11:00 | 1.5 | -14.2 | .0 | 29.56 | 86.4 | 85.8 | 87.0 | 85.7 | 24.6 |
| 12:00 | 1.5 | -13.8 | .0 | 29.55 | 75.3 | 73.1 | 78.6 | 74.1 | 31.1 |
| 13:00 | 1.5 | -13.3 | .0 | 29.53 | 69.6 | 74.7 | 69.2 | 70.9 | 30.8 |
| 14:00 | 1.5 | -12.9 | .0 | 29.51 | 75.6 | 81.1 | 75.7 | 78.2 | 32.6 |
| 15:00 | 1.6 | -12.2 | .0 | 29.49 | 57.1 | 62.7 | 56.5 | 61.6 | 24.0 |
| 16:00 | 1.6 | -12.0 | .0 | 29.48 | 67.6 | 68.9 | 69.0 | 69.6 | 24.1 |
| 17:00 | 1.7 | -11.4 | .0 | 29.49 | 58.4 | 64.0 | 58.2 | 62.6 | 21.0 |
| 18:00 | 1.8 | -11.2 | .0 | 29.50 | 82.3 | 84.2 | 82.1 | 83.0 | 19.6 |
| 19:00 | 1.8 | -11.2 | .0 | 29.49 | 80.9 | 82.0 | 79.6 | 81.3 | 16.9 |
| 20:00 | 1.9 | -11.2 | .0 | 29.49 | 72.8 | 76.8 | 72.6 | 76.7 | 20.3 |
| 21:00 | 1.9 | -10.9 | .0 | 29.49 | 74.7 | 76.5 | 74.0 | 76.2 | 17.3 |
| 22:00 | 2.0 | -10.6 | .0 | 29.48 | 74.8 | 74.8 | 75.3 | 75.0 | 17.9 |
| 23:00 | 2.2 | -10.2 | .0 | 29.47 | 66.8 | 71.3 | 66.8 | 71.2 | 18.4 |
| Avg | 1.6 | -12.9 | .0 | 29.47 | 60.0 | 63.0 | .0 | .0 | 22.1 |
| Max | 2.2 | -10.2 | .0 | 29.56 | 86.4 | 85.8 | 87.0 | 85.7 | 32.6 |
| Hr. of Max | 23 | 23 | 23 | 11 | 11 | 11 | 11 | 11 | 14 |
| Min | 1.4 | -15.1 | .0 | 29.36 | 32.8 | 34.8 | 32.1 | 34.6 | 16.9 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 1/22/2019 01:20

# Daily Summary Report

Site: Tower "A" (7900 Area)

1/21/2019

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 | 20.4 | 5.6 | 6.9 | -1.8 | -.2 | -.42 | -.32 | 15.0 | 16.3 |
| 01:00 | 17.9 | 6.4 | 7.8 | 1.8 | .4 | -.02 | -.16 | 17.9 | 19.4 |
| 02:00 | 19.1 | 7.2 | 9.0 | 1.8 | 2.7 | -.13 | .03 | 19.3 | 23.6 |
| 03:00 | 14.7 | 8.0 | 10.3 | -1.5 | -1.6 | -.51 | -.56 | 18.0 | 22.2 |
| 04:00 | 16.0 | 5.0 | 6.6 | .5 | -.6 | -.18 | -.26 | 14.7 | 16.5 |
| 05:00 | 16.1 | 4.5 | 6.1 | 1.1 | .5 | -.12 | -.13 | 12.6 | 13.4 |
| 06:00 | 16.6 | 4.8 | 6.3 | -.2 | -.8 | -.21 | -.24 | 13.1 | 14.4 |
| 07:00 | 14.0 | 6.4 | 8.4 | .6 | -.3 | -.18 | -.26 | 14.5 | 19.4 |
| 08:00 | 14.7 | 7.9 | 9.8 | -.9 | -1.4 | -.43 | -.53 | 18.3 | 20.7 |
| 09:00 | 17.0 | 8.5 | 10.8 | -.7 | -.4 | -.42 | -.38 | 20.9 | 21.8 |
| 10:00 | 21.3 | 9.5 | 11.3 | .6 | -.1 | -.19 | -.38 | 20.9 | 23.0 |
| 11:00 | 20.7 | 8.3 | 9.6 | 3.2 | 1.2 | .18 | .00 | 20.7 | 18.7 |
| 12:00 | 25.6 | 7.5 | 8.7 | 5.4 | 5.5 | .36 | .47 | 19.2 | 18.7 |
| 13:00 | 28.4 | 6.7 | 7.7 | 2.2 | .6 | .02 | -.10 | 17.5 | 15.2 |
| 14:00 | 28.4 | 5.5 | 6.3 | .2 | .3 | -.09 | -.09 | 14.5 | 13.3 |
| 15:00 | 22.1 | 6.5 | 7.6 | -1.1 | -.6 | -.30 | -.31 | 15.8 | 15.7 |
| 16:00 | 19.4 | 6.4 | 7.7 | 2.2 | 2.3 | .05 | .08 | 15.2 | 17.6 |
| 17:00 | 19.4 | 5.5 | 6.6 | 3.1 | 2.1 | -.03 | -.06 | 14.6 | 15.6 |
| 18:00 | 15.5 | 3.4 | 4.5 | 2.2 | 1.7 | .01 | .03 | 10.4 | 12.8 |
| 19:00 | 12.7 | 4.6 | 6.1 | 1.4 | .7 | -.01 | -.01 | 11.5 | 12.5 |
| 20:00 | 16.8 | 6.8 | 8.5 | 1.1 | 1.3 | -.08 | -.05 | 16.8 | 20.0 |
| 21:00 | 14.8 | 6.7 | 8.3 | 1.7 | .8 | -.01 | -.07 | 15.3 | 20.4 |
| 22:00 | 14.3 | 6.5 | 8.3 | 1.2 | .6 | -.03 | -.14 | 17.3 | 16.8 |
| 23:00 | 15.5 | 4.1 | 5.4 | 1.9 | 3.4 | .03 | .17 | 11.4 | 12.1 |
| Avg | 18.4 | 6.3 | 7.9 | 1.1 | .8 | -.11 | -.14 | 16.1 | 17.5 |
| Max | 28.4 | 9.5 | 11.3 | 5.4 | 5.5 | .36 | .47 | 20.9 | 23.6 |
| Hr. of Max | 14 | 10 | 10 | 12 | 12 | 12 | 12 | 10 | 02 |
| Min | 12.7 | 3.4 | 4.5 | -1.8 | -1.6 | -.51 | -.56 | 10.4 | 12.1 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 1/22/2019 01:20

# Daily Summary Report

Site: Tower "A" (7900 Area)

1/21/2019

Interval: 001h

| | 44_SigPhi_015m | 45_SigPhi_030m |
|---|---|---|
| Hour | DEG | DEG |
| 00:00 | 17.8 | 16.7 |
| 01:00 | 16.6 | 14.8 |
| 02:00 | 17.9 | 16.3 |
| 03:00 | 15.4 | 12.9 |
| 04:00 | 16.4 | 13.3 |
| 05:00 | 17.2 | 13.6 |
| 06:00 | 16.3 | 12.6 |
| 07:00 | 15.4 | 12.5 |
| 08:00 | 15.8 | 13.2 |
| 09:00 | 15.4 | 14.3 |
| 10:00 | 15.7 | 15.0 |
| 11:00 | 17.0 | 16.3 |
| 12:00 | 19.6 | 20.2 |
| 13:00 | 18.8 | 18.3 |
| 14:00 | 19.8 | 20.4 |
| 15:00 | 16.8 | 17.3 |
| 16:00 | 16.6 | 15.7 |
| 17:00 | 18.4 | 16.4 |
| 18:00 | 15.3 | 13.2 |
| 19:00 | 13.7 | 11.2 |
| 20:00 | 15.5 | 14.4 |
| 21:00 | 15.7 | 14.0 |
| 22:00 | 15.2 | 13.2 |
| 23:00 | 14.7 | 13.3 |
| Avg | 16.5 | 15.0 |
| Max | 19.8 | 20.4 |
| Hr. of Max | 14 | 14 |
| Min | 13.7 | 11.2 |
| 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 |