Date Printed: 3/13/2019 01:20

# Daily Summary Report

Site: Tower "A" (7900 Area)

3/12/2019

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 | 6.0 | 7.0 | 42.8 | 44.5 | 1.0 | 5.8 | 99.7 | 7.2 | 0.00584 |
| 01:00 | 5.3 | 6.1 | 41.5 | 43.1 | .9 | 5.1 | 99.8 | 6.9 | 0.005557 |
| 02:00 | 4.8 | 5.8 | 40.6 | 42.5 | 1.1 | 4.6 | 99.8 | 6.6 | 0.005366 |
| 03:00 | 3.5 | 4.6 | 38.4 | 40.2 | 1.0 | 3.4 | 99.7 | 6.1 | 0.004917 |
| 04:00 | 2.6 | 4.0 | 36.6 | 39.1 | 1.4 | 2.4 | 99.4 | 5.7 | 0.004589 |
| 05:00 | 2.4 | 4.5 | 36.3 | 40.1 | 2.1 | 2.2 | 99.6 | 5.6 | 0.004523 |
| 06:00 | 2.1 | 3.9 | 35.8 | 39.0 | 1.8 | 2.0 | 100.0 | 5.6 | 0.004458 |
| 07:00 | 3.0 | 4.8 | 37.4 | 40.7 | 1.9 | 2.9 | 100.5 | 5.9 | 0.004769 |
| 08:00 | 3.8 | 4.9 | 38.8 | 40.8 | 1.1 | 2.9 | 95.1 | 5.9 | 0.004754 |
| 09:00 | 6.2 | 6.3 | 43.1 | 43.3 | .1 | -.3 | 64.0 | 4.7 | 0.003783 |
| 10:00 | 8.3 | 8.1 | 46.9 | 46.5 | -.2 | -2.9 | 46.0 | 3.8 | 0.003136 |
| 11:00 | 9.5 | 9.3 | 49.2 | 48.8 | -.2 | -5.1 | 35.7 | 3.3 | 0.002665 |
| 12:00 | 10.7 | 10.4 | 51.3 | 50.8 | -.3 | -5.8 | 31.3 | 3.1 | 0.002528 |
| 13:00 | 12.0 | 11.7 | 53.5 | 53.0 | -.3 | -5.9 | 28.6 | 3.0 | 0.002509 |
| 14:00 | 13.1 | 12.8 | 55.6 | 55.1 | -.3 | -5.6 | 27.3 | 3.1 | 0.002587 |
| 15:00 | 13.6 | 13.4 | 56.6 | 56.1 | -.2 | -5.2 | 27.1 | 3.2 | 0.002662 |
| 16:00 | 14.3 | 14.1 | 57.7 | 57.3 | -.2 | -5.0 | 26.4 | 3.2 | 0.002699 |
| 17:00 | 14.8 | 14.6 | 58.6 | 58.3 | -.2 | -5.1 | 25.5 | 3.2 | 0.002694 |
| 18:00 | 14.5 | 14.4 | 58.1 | 58.0 | -.1 | -4.8 | 26.4 | 3.3 | 0.002747 |
| 19:00 | 13.5 | 13.6 | 56.3 | 56.5 | .1 | -4.6 | 28.6 | 3.3 | 0.002787 |
| 20:00 | 12.5 | 12.7 | 54.4 | 54.8 | .2 | -3.9 | 32.1 | 3.5 | 0.002916 |
| 21:00 | 11.5 | 12.0 | 52.7 | 53.6 | .5 | -3.3 | 35.9 | 3.7 | 0.003061 |
| 22:00 | 10.1 | 11.1 | 50.2 | 52.0 | 1.0 | -2.3 | 42.3 | 4.0 | 0.003288 |
| 23:00 | 9.1 | 9.7 | 48.3 | 49.5 | .7 | -.9 | 50.3 | 4.4 | 0.00363 |
| Avg | 8.6 | 9.2 | 47.5 | 48.5 | .5 | -1.2 | 59.2 | 4.5 | 0.003686 |
| Max | 14.8 | 14.6 | 58.6 | 58.3 | 2.1 | 5.8 | 100.5 | 7.2 | 0.00584 |
| Hr. of Max | 17 | 17 | 17 | 17 | 05 | 00 | 07 | 00 | 00 |
| Min | 2.1 | 3.9 | 35.8 | 39.0 | -.3 | -5.9 | 25.5 | 3.0 | 0.002509 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

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# Daily Summary Report

Site: Tower "A" (7900 Area)

3/12/2019

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 | 9.2 | 5.9 | .0 | 29.35 | 93.2 | 104.4 | 74.3 | 94.2 | 53.8 |
| 01:00 | 8.8 | 5.2 | .0 | 29.35 | 34.9 | 311.9 | 43.0 | 307.9 | 61.1 |
| 02:00 | 8.5 | 4.7 | .0 | 29.35 | 78.1 | 36.1 | 59.9 | 48.2 | 73.5 |
| 03:00 | 7.7 | 3.4 | .0 | 29.35 | 246.0 | 248.0 | 249.0 | 255.0 | 42.4 |
| 04:00 | 7.2 | 2.5 | .0 | 29.34 | 267.4 | 255.6 | 269.9 | 254.8 | 28.9 |
| 05:00 | 7.1 | 2.3 | .0 | 29.35 | 78.9 | 358.5 | 71.9 | .5 | 61.7 |
| 06:00 | 7.0 | 2.0 | .0 | 29.36 | 24.2 | 65.8 | 57.2 | 75.9 | 65.5 |
| 07:00 | 7.5 | 3.0 | .0 | 29.38 | 70.7 | 75.0 | 74.6 | 74.7 | 18.0 |
| 08:00 | 7.5 | 3.2 | .0 | 29.38 | 86.3 | 88.2 | 85.6 | 87.5 | 14.9 |
| 09:00 | 6.0 | 1.9 | .0 | 29.38 | 71.2 | 72.0 | 70.3 | 71.4 | 17.3 |
| 10:00 | 4.9 | .8 | .0 | 29.39 | 64.6 | 65.8 | 63.9 | 65.1 | 24.9 |
| 11:00 | 4.2 | -.2 | .0 | 29.38 | 67.6 | 68.1 | 68.5 | 68.7 | 24.2 |
| 12:00 | 4.0 | -.3 | .0 | 29.38 | 65.1 | 65.8 | 64.3 | 65.3 | 23.0 |
| 13:00 | 3.9 | .0 | .0 | 29.38 | 78.4 | 80.6 | 79.3 | 81.2 | 31.5 |
| 14:00 | 4.1 | .7 | .0 | 29.36 | 80.0 | 80.5 | 81.5 | 81.2 | 34.9 |
| 15:00 | 4.2 | 1.1 | .0 | 29.33 | 80.8 | 78.6 | 81.0 | 79.0 | 33.4 |
| 16:00 | 4.2 | 1.4 | .0 | 29.31 | 79.5 | 80.8 | 81.1 | 82.7 | 38.7 |
| 17:00 | 4.2 | 1.5 | .0 | 29.31 | 83.1 | 84.2 | 88.8 | 88.2 | 38.8 |
| 18:00 | 4.3 | 1.6 | .0 | 29.30 | 74.6 | 78.1 | 76.1 | 78.5 | 27.9 |
| 19:00 | 4.4 | 1.4 | .0 | 29.30 | 62.5 | 68.2 | 62.0 | 67.7 | 14.6 |
| 20:00 | 4.6 | 1.5 | .0 | 29.30 | 63.3 | 70.2 | 63.3 | 70.0 | 12.0 |
| 21:00 | 4.8 | 1.6 | .0 | 29.31 | 57.2 | 72.3 | 56.8 | 72.4 | 9.1 |
| 22:00 | 5.2 | 1.8 | .0 | 29.30 | 56.1 | 65.7 | 60.1 | 66.1 | 43.9 |
| 23:00 | 5.7 | 2.4 | .0 | 29.29 | 58.4 | 64.7 | 62.2 | 69.4 | 51.5 |
| Avg | 5.8 | 2.1 | .0 | 29.34 | 68.0 | 67.0 | .0 | .0 | 35.2 |
| Max | 9.2 | 5.9 | .0 | 29.39 | 267.4 | 358.5 | 269.9 | 307.9 | 73.5 |
| Hr. of Max | 00 | 00 | 23 | 10 | 04 | 05 | 04 | 01 | 02 |
| Min | 3.9 | -.3 | .0 | 29.29 | 24.2 | 36.1 | 43.0 | .5 | 9.1 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 3/13/2019 01:20

# Daily Summary Report

Site: Tower "A" (7900 Area)

3/12/2019

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 | 46.4 | 1.1 | 1.3 | -1.1 | 3.6 | -.02 | .06 | 2.8 | 4.0 |
| 01:00 | 30.5 | .7 | 1.1 | -2.7 | 2.8 | -.05 | .04 | 2.5 | 2.0 |
| 02:00 | 47.6 | .7 | .7 | -1.4 | 3.4 | -.03 | .06 | 2.4 | 1.7 |
| 03:00 | 27.5 | .9 | 1.9 | -1.7 | 2.0 | -.03 | .04 | 2.9 | 4.4 |
| 04:00 | 6.2 | .8 | 3.0 | -2.1 | .8 | -.03 | .04 | 2.3 | 4.3 |
| 05:00 | 24.2 | .9 | 2.0 | -2.5 | 1.7 | -.06 | .08 | 2.9 | 3.4 |
| 06:00 | 37.3 | 1.2 | 2.4 | -3.6 | 1.4 | -.08 | .03 | 4.9 | 7.3 |
| 07:00 | 7.0 | 1.7 | 4.6 | .9 | 1.8 | .01 | .14 | 5.1 | 8.1 |
| 08:00 | 8.1 | 3.3 | 5.7 | -.9 | .5 | -.07 | .03 | 6.5 | 9.4 |
| 09:00 | 15.3 | 4.3 | 6.2 | 1.6 | 1.6 | .03 | .04 | 13.9 | 13.4 |
| 10:00 | 20.6 | 8.0 | 9.5 | 4.0 | 4.3 | .06 | .21 | 20.3 | 23.5 |
| 11:00 | 21.3 | 8.6 | 10.0 | 3.8 | 4.1 | .15 | .18 | 20.8 | 20.4 |
| 12:00 | 18.5 | 8.0 | 9.2 | 3.1 | 1.0 | .12 | -.14 | 17.3 | 16.5 |
| 13:00 | 25.0 | 6.5 | 7.3 | .9 | -.7 | -.08 | -.25 | 15.9 | 14.2 |
| 14:00 | 31.4 | 5.9 | 6.7 | 3.6 | 3.5 | .24 | .34 | 13.2 | 14.1 |
| 15:00 | 29.4 | 6.2 | 6.8 | .6 | -1.0 | -.04 | -.24 | 13.8 | 13.8 |
| 16:00 | 34.4 | 4.9 | 5.1 | .8 | -1.0 | -.01 | -.14 | 13.2 | 11.9 |
| 17:00 | 35.0 | 4.1 | 4.3 | 2.4 | 4.1 | .08 | .24 | 10.5 | 10.3 |
| 18:00 | 24.1 | 3.6 | 4.3 | 3.5 | 7.3 | .14 | .43 | 9.1 | 9.5 |
| 19:00 | 11.1 | 3.9 | 5.4 | -.9 | .2 | -.14 | -.07 | 7.9 | 10.9 |
| 20:00 | 8.6 | 3.1 | 4.8 | -1.4 | .3 | -.11 | -.02 | 7.1 | 7.9 |
| 21:00 | 5.8 | 2.4 | 3.9 | -2.7 | .5 | -.13 | .02 | 4.4 | 5.9 |
| 22:00 | 5.1 | 2.3 | 4.0 | -2.6 | .5 | -.13 | .02 | 5.8 | 7.7 |
| 23:00 | 12.6 | 2.6 | 4.0 | -1.8 | .5 | -.12 | -.01 | 6.4 | 7.9 |
| Avg | 22.2 | 3.6 | 4.8 | .0 | 1.8 | -.01 | .05 | 8.8 | 9.7 |
| Max | 47.6 | 8.6 | 10.0 | 4.0 | 7.3 | .24 | .43 | 20.8 | 23.5 |
| Hr. of Max | 02 | 11 | 11 | 10 | 18 | 14 | 18 | 11 | 10 |
| Min | 5.1 | .7 | .7 | -3.6 | -1.0 | -.14 | -.25 | 2.3 | 1.7 |
| Count | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total | | | | | | | | | |

Date Printed: 3/13/2019 01:20

# Daily Summary Report

Site: Tower "A" (7900 Area)

3/12/2019

Interval: 001h

| | 44_SigPhi_015m | 45_SigPhi_030m |
|---|---|---|
| Hour | DEG | DEG |
| 00:00 | 8.6 | 9.9 |
| 01:00 | 9.3 | 9.3 |
| 02:00 | 11.3 | 14.0 |
| 03:00 | 6.9 | 8.4 |
| 04:00 | 7.5 | 2.4 |
| 05:00 | 7.4 | 6.0 |
| 06:00 | 8.4 | 9.2 |
| 07:00 | 10.0 | 4.2 |
| 08:00 | 6.9 | 4.8 |
| 09:00 | 14.4 | 12.8 |
| 10:00 | 18.8 | 18.3 |
| 11:00 | 17.9 | 18.8 |
| 12:00 | 17.9 | 16.3 |
| 13:00 | 19.6 | 17.4 |
| 14:00 | 20.0 | 19.4 |
| 15:00 | 16.9 | 17.7 |
| 16:00 | 20.1 | 20.9 |
| 17:00 | 19.7 | 22.7 |
| 18:00 | 16.3 | 17.8 |
| 19:00 | 11.2 | 9.2 |
| 20:00 | 8.9 | 7.3 |
| 21:00 | 6.3 | 4.2 |
| 22:00 | 6.5 | 3.3 |
| 23:00 | 10.4 | 8.3 |
| Avg | 12.6 | 11.8 |
| Max | 20.1 | 22.7 |
| Hr. of Max | 16 | 17 |
| Min | 6.3 | 2.4 |
| 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 |