

| Date | Time | Temp Out | Hi Temp | Low Temp | Out Hum | Dew Pt. | Wind Speed | Wind Dir | Wind Run | Hi Speed | Hi Dir | Wind Chill | Heat Index | THW Index | Bar | Rain | Rain Rate | Heat D-D | Cool D-D | In Temp |
|---------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|-------|--------------|-------------|-------------|------------|
| 2/09/19 | 12:30a | 16.2 | 16.4 | 16.2 | 26 | -3.3 | 0.0 | N | 0.00 | 1.6 | N | 16.2 | 13.9 | 13.9 | 1014.2 | 0.00 | 0.0 | 0.044 | 0.000 | 22.8 |
| 2/09/19 | 1:00a | 16.1 | 16.2 | 16.1 | 26 | -3.5 | 0.0 | --- | 0.00 | 0.0 | --- | 16.1 | 13.8 | 13.8 | 1013.8 | 0.00 | 0.0 | 0.047 | 0.000 | 22.8 |
| 2/09/19 | 1:30a | 16.2 | 16.2 | 16.0 | 27 | -2.9 | 0.0 | N | 0.00 | 1.6 | N | 16.2 | 13.9 | 13.9 | 1013.9 | 0.00 | 0.0 | 0.045 | 0.000 | 22.7 |
| 2/09/19 | 2:00a | 16.3 | 16.3 | 16.2 | 27 | -2.8 | 0.0 | --- | 0.00 | 0.0 | --- | 16.3 | 14.1 | 14.1 | 1013.5 | 0.00 | 0.0 | 0.043 | 0.000 | 22.7 |
| 2/09/19 | 2:30a | 16.2 | 16.3 | 16.2 | 27 | -2.8 | 0.0 | E | 0.00 | 1.6 | N | 16.2 | 14.0 | 14.0 | 1013.4 | 0.00 | 0.0 | 0.044 | 0.000 | 22.6 |
| 2/09/19 | 3:00a | 16.2 | 16.3 | 16.2 | 27 | -2.9 | 0.0 | NW | 0.00 | 1.6 | NW | 16.2 | 13.9 | 13.9 | 1013.4 | 0.00 | 0.0 | 0.045 | 0.000 | 22.6 |
| 2/09/19 | 3:30a | 16.1 | 16.2 | 16.1 | 27 | -2.9 | 0.0 | NNE | 0.00 | 3.2 | NNE | 16.1 | 13.9 | 13.9 | 1013.2 | 0.00 | 0.0 | 0.046 | 0.000 | 22.6 |
| 2/09/19 | 4:00a | 16.0 | 16.1 | 16.0 | 28 | -2.5 | 0.0 | --- | 0.00 | 0.0 | --- | 16.0 | 13.8 | 13.8 | 1012.9 | 0.00 | 0.0 | 0.049 | 0.000 | 22.6 |
| 2/09/19 | 4:30a | 15.9 | 16.0 | 15.9 | 28 | -2.6 | 0.0 | SE | 0.00 | 3.2 | SE | 15.9 | 13.8 | 13.8 | 1012.9 | 0.00 | 0.0 | 0.050 | 0.000 | 22.5 |
| 2/09/19 | 5:00a | 15.8 | 15.9 | 15.8 | 28 | -2.7 | 0.0 | SE | 0.00 | 3.2 | SE | 15.8 | 13.7 | 13.7 | 1013.1 | 0.00 | 0.0 | 0.053 | 0.000 | 22.5 |
| 2/09/19 | 5:30a | 15.6 | 15.8 | 15.6 | 29 | -2.4 | 0.0 | --- | 0.00 | 0.0 | --- | 15.6 | 13.6 | 13.6 | 1013.0 | 0.00 | 0.0 | 0.058 | 0.000 | 22.4 |
| 2/09/19 | 6:00a | 15.2 | 15.6 | 15.2 | 30 | -2.3 | 0.0 | --- | 0.00 | 0.0 | --- | 15.2 | 13.3 | 13.3 | 1013.0 | 0.00 | 0.0 | 0.065 | 0.000 | 22.4 |
| 2/09/19 | 6:30a | 15.2 | 15.2 | 15.1 | 30 | -2.3 | 0.0 | --- | 0.00 | 0.0 | --- | 15.2 | 13.3 | 13.3 | 1012.9 | 0.00 | 0.0 | 0.065 | 0.000 | 22.4 |
| 2/09/19 | 7:00a | 16.1 | 16.1 | 15.2 | 30 | -1.5 | 0.0 | WNW | 0.00 | 3.2 | WNW | 16.1 | 14.1 | 14.1 | 1012.8 | 0.00 | 0.0 | 0.046 | 0.000 | 22.7 |
| 2/09/19 | 7:30a | 17.6 | 17.6 | 16.1 | 27 | -1.7 | 0.0 | N | 0.00 | 4.8 | NW | 17.6 | 15.2 | 15.2 | 1013.1 | 0.00 | 0.0 | 0.016 | 0.000 | 23.4 |
| 2/09/19 | 8:00a | 18.2 | 18.2 | 17.2 | 25 | -2.2 | 0.0 | NNW | 0.00 | 4.8 | NNE | 18.2 | 15.7 | 15.7 | 1013.3 | 0.00 | 0.0 | 0.002 | 0.000 | 23.7 |
| 2/09/19 | 8:30a | 19.1 | 19.2 | 18.2 | 29 | 0.6 | 0.0 | NE | 0.00 | 8.0 | ESE | 19.1 | 17.0 | 17.0 | 1013.4 | 0.00 | 0.0 | 0.000 | 0.016 | 24.2 |
| 2/09/19 | 9:00a | 20.0 | 20.0 | 18.9 | 34 | 3.6 | 1.6 | N | 0.80 | 6.4 | E | 20.0 | 18.3 | 18.3 | 1013.2 | 0.00 | 0.0 | 0.000 | 0.035 | 24.4 |
| 2/09/19 | 9:30a | 20.3 | 20.4 | 19.7 | 42 | 7.0 | 1.6 | N | 0.80 | 6.4 | N | 20.3 | 19.1 | 19.1 | 1012.9 | 0.00 | 0.0 | 0.000 | 0.042 | 24.6 |
| 2/09/19 | 10:00a | 20.8 | 21.0 | 20.2 | 61 | 13.0 | 1.6 | N | 0.80 | 6.4 | NNE | 20.8 | 20.5 | 20.5 | 1012.6 | 0.00 | 0.0 | 0.000 | 0.052 | 24.7 |
| 2/09/19 | 10:30a | 23.7 | 23.7 | 20.8 | 81 | 20.3 | 1.6 | N | 0.80 | 6.4 | N | 23.7 | 25.1 | 25.1 | 1012.1 | 0.00 | 0.0 | 0.000 | 0.112 | 24.9 |
| 2/09/19 | 11:00a | 25.1 | 25.1 | 23.7 | 74 | 20.1 | 1.6 | N | 0.80 | 6.4 | N | 25.1 | 26.4 | 26.4 | 1011.4 | 0.00 | 0.0 | 0.000 | 0.141 | 25.0 |
| 2/09/19 | 11:30a | 25.9 | 26.1 | 25.1 | 66 | 19.0 | 1.6 | N | 0.80 | 6.4 | N | 25.9 | 26.8 | 26.8 | 1010.8 | 0.00 | 0.0 | 0.000 | 0.157 | 25.1 |
| 2/09/19 | 12:00p | 26.4 | 26.4 | 25.9 | 63 | 18.8 | 1.6 | N | 0.80 | 9.7 | NNW | 26.4 | 27.3 | 27.3 | 1010.4 | 0.00 | 0.0 | 0.000 | 0.168 | 25.2 |
| 2/09/19 | 12:30p | 26.3 | 26.8 | 25.9 | 65 | 19.2 | 1.6 | N | 0.80 | 8.0 | NW | 26.3 | 27.3 | 27.3 | 1010.1 | 0.00 | 0.0 | 0.000 | 0.166 | 25.2 |
| 2/09/19 | 1:00p | 27.4 | 27.4 | 26.3 | 58 | 18.4 | 1.6 | E | 0.80 | 6.4 | ENE | 27.4 | 28.3 | 28.3 | 1009.7 | 0.00 | 0.0 | 0.000 | 0.190 | 25.4 |
| 2/09/19 | 1:30p | 25.6 | 27.4 | 25.6 | 68 | 19.2 | 1.6 | SE | 0.80 | 8.0 | NNW | 25.6 | 26.6 | 26.6 | 1009.0 | 0.00 | 0.0 | 0.000 | 0.150 | 25.4 |
| 2/09/19 | 2:00p | 22.3 | 25.6 | 22.3 | 84 | 19.5 | 0.0 | SE | 0.00 | 4.8 | SE | 22.3 | 23.3 | 23.3 | 1008.9 | 3.56 | 39.9 | 0.000 | 0.083 | 25.3 |
| 2/09/19 | 2:30p | 20.5 | 22.3 | 20.5 | 82 | 17.3 | 0.0 | NE | 0.00 | 6.4 | WSW | 20.5 | 21.4 | 21.4 | 1008.5 | 3.05 | 45.0 | 0.000 | 0.045 | 25.0 |
| 2/09/19 | 3:00p | 17.1 | 20.5 | 17.1 | 61 | 9.5 | 1.6 | SSE | 0.80 | 14.5 | WNW | 17.1 | 16.6 | 16.6 | 1009.7 | 17.27 | 116.1 | 0.025 | 0.000 | 24.7 |
| 2/09/19 | 3:30p | 16.9 | 17.1 | 16.6 | 34 | 0.9 | 0.0 | SE | 0.00 | 9.7 | NNE | 16.9 | 15.1 | 15.1 | 1010.0 | 2.54 | 17.8 | 0.030 | 0.000 | 24.2 |
| 2/09/19 | 4:00p | 17.4 | 17.4 | 16.8 | 29 | -0.8 | 0.0 | SE | 0.00 | 4.8 | SSE | 17.4 | 15.3 | 15.3 | 1010.0 | 0.00 | 0.0 | 0.019 | 0.000 | 24.1 |
| 2/09/19 | 4:30p | 18.5 | 18.5 | 17.4 | 26 | -1.4 | 0.0 | ESE | 0.00 | 3.2 | ESE | 18.5 | 16.1 | 16.1 | 1010.1 | 0.00 | 0.0 | 0.000 | 0.003 | 24.1 |
| 2/09/19 | 5:00p | 17.9 | 18.7 | 17.9 | 28 | -0.9 | 0.0 | SE | 0.00 | 9.7 | S | 17.9 | 15.6 | 15.6 | 1010.4 | 0.00 | 0.0 | 0.009 | 0.000 | 24.1 |
| 2/09/19 | 5:30p | 16.9 | 17.9 | 16.9 | 33 | 0.5 | 0.0 | E | 0.00 | 4.8 | ESE | 16.9 | 15.1 | 15.1 | 1011.8 | 0.51 | 0.0 | 0.029 | 0.000 | 24.1 |
| 2/09/19 | 6:00p | 16.4 | 16.9 | 16.3 | 32 | -0.4 | 1.6 | ESE | 0.80 | 9.7 | E | 16.4 | 14.5 | 14.5 | 1011.8 | 0.25 | 0.0 | 0.041 | 0.000 | 23.9 |
| 2/09/19 | 6:30p | 16.8 | 16.9 | 16.4 | 29 | -1.4 | 3.2 | SE | 1.61 | 11.3 | SE | 16.8 | 14.7 | 14.7 | 1011.8 | 0.25 | 1.3 | 0.032 | 0.000 | 23.8 |
| 2/09/19 | 7:00p | 16.6 | 16.8 | 16.6 | 30 | -1.1 | 1.6 | ESE | 0.80 | 8.0 | SE | 16.6 | 14.6 | 14.6 | 1012.2 | 0.00 | 0.0 | 0.037 | 0.000 | 23.6 |
| 2/09/19 | 7:30p | 16.4 | 16.6 | 16.3 | 29 | -1.7 | 0.0 | ESE | 0.00 | 3.2 | SE | 16.4 | 14.3 | 14.3 | 1012.6 | 0.00 | 0.0 | 0.041 | 0.000 | 23.6 |
| 2/09/19 | 8:00p | 16.7 | 16.7 | 16.4 | 29 | -1.5 | 0.0 | NNE | 0.00 | 3.2 | NNE | 16.7 | 14.6 | 14.6 | 1013.5 | 0.00 | 0.0 | 0.035 | 0.000 | 23.5 |
| 2/09/19 | 8:30p | 16.8 | 16.8 | 16.7 | 28 | -1.9 | 0.0 | N | 0.00 | 1.6 | N | 16.8 | 14.6 | 14.6 | 1014.1 | 0.00 | 0.0 | 0.032 | 0.000 | 23.4 |
| 2/09/19 | 9:00p | 16.8 | 16.9 | 16.7 | 28 | -1.8 | 0.0 | ESE | 0.00 | 1.6 | N | 16.8 | 14.7 | 14.7 | 1014.1 | 0.00 | 0.0 | 0.031 | 0.000 | 23.4 |
| 2/09/19 | 9:30p | 16.7 | 16.8 | 16.7 | 29 | -1.4 | 0.0 | --- | 0.00 | 0.0 | --- | 16.7 | 14.6 | 14.6 | 1014.1 | 0.00 | 0.0 | 0.034 | 0.000 | 23.3 |
| 2/09/19 | 10:00p | 16.8 | 16.9 | 16.7 | 29 | -1.4 | 0.0 | NNE | 0.00 | 1.6 | NNE | 16.8 | 14.7 | 14.7 | 1014.4 | 0.00 | 0.0 | 0.032 | 0.000 | 23.2 |
| 2/09/19 | 10:30p | 16.6 | 16.8 | 16.6 | 29 | -1.5 | 0.0 | NNW | 0.00 | 4.8 | NNW | 16.6 | 14.5 | 14.5 | 1014.5 | 0.00 | 0.0 | 0.036 | 0.000 | 23.1 |
| 2/09/19 | 11:00p | 16.7 | 16.7 | 16.6 | 29 | -1.4 | 0.0 | NNW | 0.00 | 4.8 | WNW | 16.7 | 14.6 | 14.6 | 1014.7 | 0.00 | 0.0 | 0.034 | 0.000 | 22.9 |
| 2/09/19 | 11:30p | 16.7 | 16.8 | 16.7 | 29 | -1.5 | 0.0 | N | 0.00 | 4.8 | NNW | 16.7 | 14.6 | 14.6 | 1014.7 | 0.00 | 0.0 | 0.035 | 0.000 | 22.9 |
| 3/09/19 | 12:00a | 16.7 | 16.7 | 16.6 | 30 | -1.0 | 0.0 | WSW | 0.00 | 1.6 | WSW | 16.7 | 14.7 | 14.7 | 1014.3 | 0.00 | 0.0 | 0.035 | 0.000 | 22.8 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|---------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 2/09/19 | 12:30a | 72 | 17.5 | 23.5 | 13.63 | .0731 | 697 | 1 | 100.0 | 30 |
| 2/09/19 | 1:00a | 72 | 17.5 | 23.5 | 13.63 | .0731 | 702 | 1 | 100.0 | 30 |
| 2/09/19 | 1:30a | 72 | 17.4 | 23.3 | 13.64 | .0731 | 698 | 1 | 100.0 | 30 |
| 2/09/19 | 2:00a | 72 | 17.4 | 23.3 | 13.64 | .0731 | 692 | 1 | 100.0 | 30 |
| 2/09/19 | 2:30a | 72 | 17.3 | 23.2 | 13.64 | .0731 | 703 | 1 | 100.0 | 30 |
| 2/09/19 | 3:00a | 72 | 17.3 | 23.2 | 13.64 | .0731 | 701 | 1 | 100.0 | 30 |
| 2/09/19 | 3:30a | 72 | 17.3 | 23.2 | 13.65 | .0731 | 693 | 1 | 100.0 | 30 |
| 2/09/19 | 4:00a | 72 | 17.3 | 23.2 | 13.65 | .0731 | 702 | 1 | 100.0 | 30 |
| 2/09/19 | 4:30a | 72 | 17.2 | 23.1 | 13.65 | .0731 | 702 | 1 | 100.0 | 30 |
| 2/09/19 | 5:00a | 72 | 17.2 | 23.1 | 13.65 | .0731 | 692 | 1 | 100.0 | 30 |
| 2/09/19 | 5:30a | 72 | 17.1 | 23.0 | 13.65 | .0731 | 700 | 1 | 100.0 | 30 |
| 2/09/19 | 6:00a | 72 | 17.1 | 23.0 | 13.65 | .0731 | 697 | 1 | 100.0 | 30 |
| 2/09/19 | 6:30a | 72 | 17.1 | 23.0 | 13.65 | .0731 | 692 | 1 | 100.0 | 30 |
| 2/09/19 | 7:00a | 71 | 17.1 | 23.3 | 13.34 | .0731 | 699 | 1 | 100.0 | 30 |
| 2/09/19 | 7:30a | 69 | 17.4 | 24.3 | 12.77 | .0729 | 697 | 1 | 100.0 | 30 |
| 2/09/19 | 8:00a | 69 | 17.7 | 24.6 | 12.76 | .0728 | 692 | 1 | 100.0 | 30 |
| 2/09/19 | 8:30a | 68 | 17.9 | 25.1 | 12.53 | .0727 | 693 | 1 | 100.0 | 30 |
| 2/09/19 | 9:00a | 67 | 17.9 | 25.2 | 12.23 | .0726 | 695 | 1 | 100.0 | 30 |
| 2/09/19 | 9:30a | 67 | 18.1 | 25.4 | 12.22 | .0725 | 700 | 1 | 100.0 | 30 |
| 2/09/19 | 10:00a | 67 | 18.2 | 25.6 | 12.22 | .0724 | 688 | 1 | 100.0 | 30 |
| 2/09/19 | 10:30a | 67 | 18.4 | 25.8 | 12.21 | .0723 | 699 | 1 | 100.0 | 30 |
| 2/09/19 | 11:00a | 67 | 18.4 | 25.8 | 12.21 | .0723 | 695 | 1 | 100.0 | 30 |
| 2/09/19 | 11:30a | 67 | 18.6 | 26.0 | 12.21 | .0722 | 689 | 1 | 100.0 | 30 |
| 2/09/19 | 12:00p | 67 | 18.7 | 26.1 | 12.20 | .0721 | 697 | 1 | 100.0 | 30 |
| 2/09/19 | 12:30p | 67 | 18.7 | 26.1 | 12.20 | .0721 | 696 | 1 | 100.0 | 30 |
| 2/09/19 | 1:00p | 67 | 18.8 | 26.3 | 12.20 | .0720 | 690 | 1 | 100.0 | 30 |
| 2/09/19 | 1:30p | 67 | 18.9 | 26.3 | 12.19 | .0719 | 696 | 1 | 100.0 | 30 |
| 2/09/19 | 2:00p | 68 | 18.9 | 26.2 | 12.45 | .0720 | 692 | 1 | 100.0 | 30 |
| 2/09/19 | 2:30p | 69 | 18.9 | 26.0 | 12.67 | .0720 | 691 | 1 | 100.0 | 30 |
| 2/09/19 | 3:00p | 71 | 19.1 | 25.8 | 13.19 | .0722 | 699 | 1 | 100.0 | 30 |
| 2/09/19 | 3:30p | 72 | 18.9 | 25.3 | 13.51 | .0723 | 697 | 1 | 100.0 | 30 |
| 2/09/19 | 4:00p | 73 | 19.0 | 25.2 | 13.74 | .0723 | 688 | 1 | 100.0 | 30 |
| 2/09/19 | 4:30p | 73 | 18.9 | 25.2 | 13.74 | .0724 | 698 | 1 | 100.0 | 30 |
| 2/09/19 | 5:00p | 73 | 18.9 | 25.2 | 13.74 | .0724 | 697 | 1 | 100.0 | 30 |
| 2/09/19 | 5:30p | 73 | 18.9 | 25.2 | 13.74 | .0725 | 696 | 1 | 100.0 | 30 |
| 2/09/19 | 6:00p | 72 | 18.5 | 24.9 | 13.55 | .0726 | 685 | 1 | 100.0 | 30 |
| 2/09/19 | 6:30p | 72 | 18.4 | 24.8 | 13.56 | .0726 | 696 | 1 | 100.0 | 30 |
| 2/09/19 | 7:00p | 72 | 18.3 | 24.6 | 13.57 | .0727 | 697 | 1 | 100.0 | 30 |
| 2/09/19 | 7:30p | 72 | 18.2 | 24.6 | 13.57 | .0727 | 690 | 1 | 100.0 | 30 |
| 2/09/19 | 8:00p | 72 | 18.2 | 24.5 | 13.58 | .0728 | 696 | 1 | 100.0 | 30 |
| 2/09/19 | 8:30p | 73 | 18.3 | 24.4 | 13.79 | .0729 | 697 | 1 | 100.0 | 30 |
| 2/09/19 | 9:00p | 73 | 18.3 | 24.4 | 13.79 | .0729 | 688 | 1 | 100.0 | 30 |
| 2/09/19 | 9:30p | 73 | 18.2 | 24.2 | 13.79 | .0729 | 698 | 1 | 100.0 | 30 |
| 2/09/19 | 10:00p | 73 | 18.1 | 24.2 | 13.80 | .0729 | 699 | 1 | 100.0 | 30 |
| 2/09/19 | 10:30p | 73 | 18.0 | 23.9 | 13.81 | .0730 | 688 | 1 | 100.0 | 30 |
| 2/09/19 | 11:00p | 73 | 17.8 | 23.8 | 13.82 | .0731 | 694 | 1 | 100.0 | 30 |
| 2/09/19 | 11:30p | 73 | 17.8 | 23.7 | 13.82 | .0731 | 695 | 1 | 100.0 | 30 |
| 3/09/19 | 12:00a | 73 | 17.7 | 23.6 | 13.83 | .0731 | 693 | 1 | 100.0 | 30 |