

| 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 |
|---------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 7/05/19 | 12:30a | 18.8 | 18.8 | 18.5 | 1 | -38.8 | 0.0 | SE | 0.00 | 1.6 | W | 18.8 | 15.2 | 15.2 | 1013.2 | 0.00 | 0.0 | 0.000 | 0.009 | 24.4 |
| 7/05/19 | 1:00a | 18.9 | 18.9 | 18.7 | 1 | -38.7 | 0.0 | --- | 0.00 | 0.0 | --- | 18.9 | 15.2 | 15.2 | 1013.1 | 0.00 | 0.0 | 0.000 | 0.012 | 24.3 |
| 7/05/19 | 1:30a | 18.8 | 18.9 | 18.8 | 1 | -38.7 | 0.0 | WSW | 0.00 | 1.6 | WSW | 18.8 | 15.2 | 15.2 | 1012.9 | 0.00 | 0.0 | 0.000 | 0.010 | 24.2 |
| 7/05/19 | 2:00a | 18.7 | 18.8 | 18.7 | 1 | -38.8 | 0.0 | WSW | 0.00 | 1.6 | SE | 18.7 | 15.1 | 15.1 | 1012.7 | 0.00 | 0.0 | 0.000 | 0.007 | 24.2 |
| 7/05/19 | 2:30a | 17.9 | 18.7 | 17.9 | 1 | -39.3 | 0.0 | NE | 0.00 | 4.8 | SW | 17.9 | 14.3 | 14.3 | 1013.0 | 0.00 | 0.0 | 0.009 | 0.000 | 24.1 |
| 7/05/19 | 3:00a | 17.6 | 17.9 | 17.6 | 1 | -39.5 | 0.0 | NNE | 0.00 | 8.0 | NNW | 17.6 | 14.1 | 14.1 | 1013.0 | 0.00 | 0.0 | 0.015 | 0.000 | 23.9 |
| 7/05/19 | 3:30a | 17.9 | 17.9 | 17.6 | 1 | -39.3 | 0.0 | NNW | 0.00 | 3.2 | N | 17.9 | 14.3 | 14.3 | 1012.8 | 1.52 | 11.2 | 0.009 | 0.000 | 23.8 |
| 7/05/19 | 4:00a | 17.7 | 17.8 | 17.3 | 1 | -39.4 | 0.0 | N | 0.00 | 8.0 | W | 17.7 | 14.2 | 14.2 | 1012.7 | 2.03 | 17.8 | 0.013 | 0.000 | 23.7 |
| 7/05/19 | 4:30a | 17.6 | 17.7 | 17.6 | 1 | -39.5 | 0.0 | N | 0.00 | 4.8 | NNW | 17.6 | 14.1 | 14.1 | 1012.9 | 0.51 | 4.6 | 0.016 | 0.000 | 23.7 |
| 7/05/19 | 5:00a | 17.3 | 17.6 | 17.3 | 1 | -39.6 | 0.0 | W | 0.00 | 1.6 | W | 17.3 | 13.8 | 13.8 | 1013.2 | 0.00 | 0.0 | 0.021 | 0.000 | 23.7 |
| 7/05/19 | 5:30a | 17.3 | 17.4 | 17.3 | 1 | -39.6 | 0.0 | W | 0.00 | 1.6 | W | 17.3 | 13.8 | 13.8 | 1013.3 | 0.00 | 0.0 | 0.021 | 0.000 | 23.7 |
| 7/05/19 | 6:00a | 17.3 | 17.4 | 17.2 | 1 | -39.7 | 0.0 | --- | 0.00 | 0.0 | --- | 17.3 | 13.8 | 13.8 | 1013.4 | 0.00 | 0.0 | 0.022 | 0.000 | 23.6 |
| 7/05/19 | 6:30a | 17.1 | 17.3 | 17.1 | 1 | -39.8 | 0.0 | --- | 0.00 | 0.0 | --- | 17.1 | 13.7 | 13.7 | 1013.4 | 0.51 | 0.0 | 0.025 | 0.000 | 23.5 |
| 7/05/19 | 7:00a | 17.3 | 17.3 | 17.1 | 1 | -39.6 | 0.0 | --- | 0.00 | 0.0 | --- | 17.3 | 13.8 | 13.8 | 1013.5 | 0.00 | 0.0 | 0.021 | 0.000 | 23.5 |
| 7/05/19 | 7:30a | 17.3 | 17.4 | 17.2 | 1 | -39.6 | 0.0 | ENE | 0.00 | 1.6 | ENE | 17.3 | 13.8 | 13.8 | 1013.6 | 0.00 | 0.0 | 0.021 | 0.000 | 23.4 |
| 7/05/19 | 8:00a | 17.5 | 17.5 | 17.3 | 1 | -39.5 | 0.0 | --- | 0.00 | 0.0 | --- | 17.5 | 14.0 | 14.0 | 1013.8 | 0.00 | 0.0 | 0.017 | 0.000 | 23.4 |
| 7/05/19 | 8:30a | 18.6 | 18.6 | 17.5 | 1 | -38.9 | 0.0 | --- | 0.00 | 0.0 | --- | 18.6 | 15.0 | 15.0 | 1013.7 | 0.00 | 0.0 | 0.000 | 0.006 | 23.8 |
| 7/05/19 | 9:00a | 19.6 | 19.6 | 18.6 | 1 | -38.3 | 0.0 | --- | 0.00 | 0.0 | --- | 19.6 | 15.9 | 15.9 | 1013.5 | 0.00 | 0.0 | 0.000 | 0.027 | 24.4 |
| 7/05/19 | 9:30a | 20.2 | 20.4 | 19.6 | 1 | -37.9 | 0.0 | --- | 0.00 | 0.0 | --- | 20.2 | 16.6 | 16.6 | 1013.4 | 0.00 | 0.0 | 0.000 | 0.039 | 24.8 |
| 7/05/19 | 10:00a | 20.8 | 20.8 | 20.1 | 1 | -37.5 | 0.0 | --- | 0.00 | 0.0 | --- | 20.8 | 17.3 | 17.3 | 1013.6 | 0.00 | 0.0 | 0.000 | 0.051 | 25.2 |
| 7/05/19 | 10:30a | 21.7 | 21.7 | 20.8 | 1 | -37.0 | 0.0 | N | 0.00 | 4.8 | N | 21.7 | 18.6 | 18.6 | 1013.8 | 0.00 | 0.0 | 0.000 | 0.071 | 25.4 |
| 7/05/19 | 11:00a | 22.2 | 22.3 | 21.6 | 24 | 0.6 | 1.6 | N | 0.80 | 4.8 | NNE | 22.2 | 20.2 | 20.2 | 1013.4 | 0.00 | 0.0 | 0.000 | 0.080 | 25.7 |
| 7/05/19 | 11:30a | 24.8 | 24.8 | 22.1 | 79 | 20.9 | 1.6 | N | 0.80 | 6.4 | N | 24.8 | 26.4 | 26.4 | 1013.0 | 0.00 | 0.0 | 0.000 | 0.134 | 26.2 |
| 7/05/19 | 12:00p | 26.6 | 26.6 | 24.8 | 71 | 20.9 | 1.6 | N | 0.80 | 6.4 | N | 26.6 | 28.2 | 28.2 | 1011.9 | 0.00 | 0.0 | 0.000 | 0.172 | 26.2 |
| 7/05/19 | 12:30p | 28.0 | 28.0 | 26.6 | 61 | 19.8 | 1.6 | NE | 0.80 | 6.4 | NNW | 28.0 | 29.4 | 29.4 | 1011.1 | 0.00 | 0.0 | 0.000 | 0.201 | 26.2 |
| 7/05/19 | 1:00p | 27.9 | 28.1 | 27.8 | 56 | 18.4 | 1.6 | NE | 0.80 | 8.0 | N | 27.9 | 28.9 | 28.9 | 1010.8 | 0.00 | 0.0 | 0.000 | 0.200 | 26.3 |
| 7/05/19 | 1:30p | 28.4 | 28.4 | 27.9 | 53 | 17.9 | 1.6 | NNW | 0.80 | 8.0 | NNE | 28.4 | 29.4 | 29.4 | 1010.6 | 0.00 | 0.0 | 0.000 | 0.211 | 26.3 |
| 7/05/19 | 2:00p | 29.0 | 29.1 | 28.2 | 53 | 18.5 | 1.6 | N | 0.80 | 6.4 | NE | 29.0 | 30.3 | 30.3 | 1010.0 | 0.00 | 0.0 | 0.000 | 0.222 | 26.3 |
| 7/05/19 | 2:30p | 27.5 | 29.1 | 27.5 | 64 | 20.1 | 1.6 | NW | 0.80 | 8.0 | N | 27.5 | 29.0 | 29.0 | 1009.4 | 0.00 | 0.0 | 0.000 | 0.191 | 26.3 |
| 7/05/19 | 3:00p | 27.6 | 27.6 | 26.9 | 65 | 20.4 | 3.2 | ESE | 1.61 | 16.1 | E | 27.6 | 29.2 | 29.2 | 1008.7 | 0.00 | 0.0 | 0.000 | 0.192 | 26.3 |
| 7/05/19 | 3:30p | 27.4 | 27.8 | 27.2 | 65 | 20.2 | 4.8 | ENE | 2.41 | 22.5 | ESE | 27.4 | 28.9 | 28.9 | 1008.3 | 0.00 | 0.0 | 0.000 | 0.189 | 26.4 |
| 7/05/19 | 4:00p | 26.6 | 27.5 | 26.6 | 68 | 20.2 | 4.8 | E | 2.41 | 22.5 | ENE | 26.6 | 27.9 | 27.9 | 1008.4 | 0.00 | 0.0 | 0.000 | 0.172 | 26.4 |
| 7/05/19 | 4:30p | 24.1 | 26.6 | 24.1 | 74 | 19.2 | 4.8 | E | 2.41 | 20.9 | WNW | 24.1 | 25.3 | 25.3 | 1008.8 | 0.00 | 0.0 | 0.000 | 0.120 | 26.4 |
| 7/05/19 | 5:00p | 23.4 | 24.1 | 23.4 | 78 | 19.3 | 3.2 | E | 1.61 | 11.3 | SSE | 23.4 | 24.5 | 24.5 | 1009.0 | 0.00 | 0.0 | 0.000 | 0.105 | 26.2 |
| 7/05/19 | 5:30p | 22.4 | 23.4 | 22.4 | 80 | 18.8 | 3.2 | E | 1.61 | 14.5 | ENE | 22.4 | 23.3 | 23.3 | 1009.6 | 0.00 | 0.0 | 0.000 | 0.086 | 26.0 |
| 7/05/19 | 6:00p | 21.9 | 22.4 | 21.9 | 82 | 18.7 | 3.2 | ENE | 1.61 | 17.7 | SE | 21.9 | 22.7 | 22.7 | 1009.4 | 0.00 | 0.0 | 0.000 | 0.074 | 25.7 |
| 7/05/19 | 6:30p | 20.9 | 21.9 | 20.9 | 79 | 17.2 | 3.2 | ESE | 1.61 | 16.1 | WNW | 20.9 | 21.6 | 21.6 | 1009.6 | 0.00 | 0.0 | 0.000 | 0.054 | 25.5 |
| 7/05/19 | 7:00p | 20.6 | 20.9 | 20.6 | 76 | 16.2 | 3.2 | E | 1.61 | 9.7 | ENE | 20.6 | 21.2 | 21.2 | 1010.3 | 0.00 | 0.0 | 0.000 | 0.047 | 25.3 |
| 7/05/19 | 7:30p | 20.2 | 20.6 | 20.2 | 72 | 15.0 | 1.6 | ENE | 0.80 | 9.7 | ENE | 20.2 | 20.6 | 20.6 | 1010.9 | 0.00 | 0.0 | 0.000 | 0.039 | 25.1 |
| 7/05/19 | 8:00p | 20.1 | 20.3 | 20.1 | 71 | 14.7 | 0.0 | E | 0.00 | 4.8 | ENE | 20.1 | 20.4 | 20.4 | 1010.9 | 0.00 | 0.0 | 0.000 | 0.037 | 24.9 |
| 7/05/19 | 8:30p | 20.3 | 20.3 | 20.1 | 75 | 15.7 | 0.0 | ESE | 0.00 | 4.8 | ESE | 20.3 | 20.8 | 20.8 | 1011.2 | 0.00 | 0.0 | 0.000 | 0.041 | 24.8 |
| 7/05/19 | 9:00p | 20.3 | 20.5 | 20.3 | 74 | 15.5 | 0.0 | NNW | 0.00 | 3.2 | N | 20.3 | 20.8 | 20.8 | 1011.6 | 0.00 | 0.0 | 0.000 | 0.042 | 24.7 |
| 7/05/19 | 9:30p | 20.0 | 20.4 | 20.0 | 68 | 13.9 | 0.0 | W | 0.00 | 4.8 | W | 20.0 | 20.2 | 20.2 | 1012.0 | 0.00 | 0.0 | 0.000 | 0.035 | 24.7 |
| 7/05/19 | 10:00p | 20.1 | 20.1 | 19.9 | 74 | 15.3 | 0.0 | SE | 0.00 | 8.0 | ESE | 20.1 | 20.6 | 20.6 | 1012.1 | 0.00 | 0.0 | 0.000 | 0.037 | 24.6 |
| 7/05/19 | 10:30p | 19.9 | 20.2 | 19.9 | 74 | 15.2 | 0.0 | NW | 0.00 | 3.2 | NW | 19.9 | 20.4 | 20.4 | 1012.7 | 0.00 | 0.0 | 0.000 | 0.034 | 24.5 |
| 7/05/19 | 11:00p | 19.9 | 19.9 | 19.8 | 74 | 15.1 | 0.0 | ESE | 0.00 | 3.2 | SSE | 19.9 | 20.3 | 20.3 | 1012.9 | 0.00 | 0.0 | 0.000 | 0.032 | 24.4 |
| 7/05/19 | 11:30p | 19.9 | 19.9 | 19.8 | 76 | 15.6 | 0.0 | ESE | 0.00 | 4.8 | E | 19.9 | 20.5 | 20.5 | 1012.5 | 0.00 | 0.0 | 0.000 | 0.034 | 24.3 |
| 8/05/19 | 12:00a | 18.9 | 20.0 | 18.9 | 20 | -4.5 | 0.0 | SE | 0.00 | 1.6 | SE | 18.9 | 16.1 | 16.1 | 1012.6 | 0.00 | 0.0 | 0.000 | 0.013 | 24.3 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|---------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 7/05/19 | 12:30a | 72 | 19.0 | 25.5 | 13.50 | .0725 | 693 | 1 | 100.0 | 30 |
| 7/05/19 | 1:00a | 73 | 19.2 | 25.5 | 13.73 | .0725 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 1:30a | 73 | 19.1 | 25.4 | 13.74 | .0725 | 701 | 1 | 100.0 | 30 |
| 7/05/19 | 2:00a | 73 | 19.1 | 25.4 | 13.74 | .0725 | 693 | 1 | 100.0 | 30 |
| 7/05/19 | 2:30a | 73 | 19.0 | 25.2 | 13.74 | .0725 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 3:00a | 73 | 18.8 | 25.1 | 13.75 | .0726 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 3:30a | 73 | 18.7 | 24.9 | 13.75 | .0726 | 701 | 1 | 100.0 | 30 |
| 7/05/19 | 4:00a | 73 | 18.6 | 24.8 | 13.76 | .0727 | 694 | 1 | 100.0 | 30 |
| 7/05/19 | 4:30a | 73 | 18.5 | 24.7 | 13.77 | .0727 | 703 | 1 | 100.0 | 30 |
| 7/05/19 | 5:00a | 73 | 18.5 | 24.7 | 13.77 | .0727 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 5:30a | 73 | 18.5 | 24.7 | 13.77 | .0727 | 693 | 1 | 100.0 | 30 |
| 7/05/19 | 6:00a | 73 | 18.4 | 24.6 | 13.77 | .0728 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 6:30a | 73 | 18.4 | 24.5 | 13.78 | .0728 | 700 | 1 | 100.0 | 30 |
| 7/05/19 | 7:00a | 73 | 18.4 | 24.5 | 13.78 | .0728 | 696 | 1 | 100.0 | 30 |
| 7/05/19 | 7:30a | 74 | 18.5 | 24.5 | 14.08 | .0728 | 700 | 1 | 100.0 | 30 |
| 7/05/19 | 8:00a | 73 | 18.3 | 24.4 | 13.78 | .0728 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 8:30a | 73 | 18.6 | 24.8 | 13.76 | .0727 | 700 | 1 | 100.0 | 30 |
| 7/05/19 | 9:00a | 72 | 19.0 | 25.5 | 13.50 | .0725 | 693 | 1 | 100.0 | 30 |
| 7/05/19 | 9:30a | 72 | 19.4 | 26.0 | 13.45 | .0724 | 701 | 1 | 100.0 | 30 |
| 7/05/19 | 10:00a | 71 | 19.6 | 26.4 | 13.15 | .0723 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 10:30a | 70 | 19.6 | 26.6 | 12.89 | .0722 | 696 | 1 | 100.0 | 30 |
| 7/05/19 | 11:00a | 69 | 19.6 | 26.7 | 12.62 | .0721 | 693 | 1 | 100.0 | 30 |
| 7/05/19 | 11:30a | 71 | 20.5 | 27.6 | 13.09 | .0719 | 698 | 1 | 100.0 | 30 |
| 7/05/19 | 12:00p | 70 | 20.3 | 27.6 | 12.87 | .0718 | 701 | 1 | 100.0 | 30 |
| 7/05/19 | 12:30p | 70 | 20.3 | 27.6 | 12.87 | .0718 | 694 | 1 | 100.0 | 30 |
| 7/05/19 | 1:00p | 69 | 20.1 | 27.6 | 12.58 | .0717 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 1:30p | 68 | 19.9 | 27.5 | 12.38 | .0718 | 698 | 1 | 100.0 | 30 |
| 7/05/19 | 2:00p | 68 | 19.9 | 27.5 | 12.38 | .0717 | 698 | 1 | 100.0 | 30 |
| 7/05/19 | 2:30p | 68 | 19.9 | 27.5 | 12.38 | .0717 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 3:00p | 69 | 20.2 | 27.6 | 12.57 | .0716 | 694 | 1 | 100.0 | 30 |
| 7/05/19 | 3:30p | 70 | 20.5 | 27.8 | 12.86 | .0715 | 701 | 1 | 100.0 | 30 |
| 7/05/19 | 4:00p | 70 | 20.5 | 27.8 | 12.86 | .0715 | 703 | 1 | 100.0 | 30 |
| 7/05/19 | 4:30p | 70 | 20.5 | 27.8 | 12.86 | .0715 | 693 | 1 | 100.0 | 30 |
| 7/05/19 | 5:00p | 70 | 20.3 | 27.4 | 12.87 | .0716 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 5:30p | 71 | 20.3 | 27.3 | 13.10 | .0717 | 701 | 1 | 100.0 | 30 |
| 7/05/19 | 6:00p | 72 | 20.3 | 27.0 | 13.35 | .0718 | 699 | 1 | 100.0 | 30 |
| 7/05/19 | 6:30p | 72 | 20.1 | 26.7 | 13.38 | .0719 | 695 | 1 | 100.0 | 30 |
| 7/05/19 | 7:00p | 72 | 19.9 | 26.5 | 13.40 | .0720 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 7:30p | 73 | 19.9 | 26.4 | 13.71 | .0721 | 703 | 1 | 100.0 | 30 |
| 7/05/19 | 8:00p | 73 | 19.8 | 26.2 | 13.71 | .0721 | 696 | 1 | 100.0 | 30 |
| 7/05/19 | 8:30p | 73 | 19.7 | 26.1 | 13.72 | .0722 | 697 | 1 | 100.0 | 30 |
| 7/05/19 | 9:00p | 74 | 19.8 | 26.0 | 14.02 | .0722 | 699 | 1 | 100.0 | 30 |
| 7/05/19 | 9:30p | 74 | 19.7 | 25.9 | 14.02 | .0723 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 10:00p | 74 | 19.6 | 25.8 | 14.03 | .0723 | 692 | 1 | 100.0 | 30 |
| 7/05/19 | 10:30p | 74 | 19.6 | 25.8 | 14.03 | .0724 | 702 | 1 | 100.0 | 30 |
| 7/05/19 | 11:00p | 74 | 19.5 | 25.7 | 14.03 | .0724 | 703 | 1 | 100.0 | 30 |
| 7/05/19 | 11:30p | 74 | 19.4 | 25.6 | 14.03 | .0724 | 701 | 1 | 100.0 | 30 |
| 8/05/19 | 12:00a | 74 | 19.4 | 25.6 | 14.03 | .0724 | 693 | 1 | 100.0 | 30 |