

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 9/07/19 | 12:30a | 16.9 | 17.1 | 16.9 | 41 | 3.5 | 0.0 | NW | 0.00 | 1.6 | N | 16.9 | 15.4 | 15.4 | 1015.2 | 0.00 | 0.0 | 0.030 | 0.000 | 23.0 |
| 9/07/19 | 1:00a | 16.9 | 16.9 | 16.9 | 41 | 3.6 | 0.0 | N | 0.00 | 3.2 | NNE | 16.9 | 15.5 | 15.5 | 1015.0 | 0.00 | 0.0 | 0.029 | 0.000 | 22.9 |
| 9/07/19 | 1:30a | 16.8 | 16.9 | 16.8 | 41 | 3.5 | 0.0 | --- | 0.00 | 0.0 | --- | 16.8 | 15.4 | 15.4 | 1014.8 | 0.00 | 0.0 | 0.031 | 0.000 | 22.9 |
| 9/07/19 | 2:00a | 16.8 | 16.9 | 16.8 | 41 | 3.5 | 0.0 | --- | 0.00 | 0.0 | --- | 16.8 | 15.4 | 15.4 | 1014.9 | 0.00 | 0.0 | 0.031 | 0.000 | 22.9 |
| 9/07/19 | 2:30a | 16.6 | 16.8 | 16.6 | 42 | 3.6 | 0.0 | NNW | 0.00 | 1.6 | SSW | 16.6 | 15.2 | 15.2 | 1014.5 | 0.51 | 0.0 | 0.037 | 0.000 | 22.9 |
| 9/07/19 | 3:00a | 16.3 | 16.6 | 16.3 | 42 | 3.4 | 0.0 | N | 0.00 | 6.4 | N | 16.3 | 14.9 | 14.9 | 1014.4 | 0.00 | 0.0 | 0.042 | 0.000 | 22.8 |
| 9/07/19 | 3:30a | 16.2 | 16.4 | 16.2 | 42 | 3.3 | 0.0 | NNE | 0.00 | 6.4 | NNE | 16.2 | 14.8 | 14.8 | 1014.4 | 0.00 | 0.0 | 0.044 | 0.000 | 22.7 |
| 9/07/19 | 4:00a | 16.3 | 16.3 | 16.2 | 42 | 3.4 | 0.0 | N | 0.00 | 6.4 | WNW | 16.3 | 14.9 | 14.9 | 1014.4 | 0.00 | 0.0 | 0.042 | 0.000 | 22.6 |
| 9/07/19 | 4:30a | 16.4 | 16.4 | 16.3 | 42 | 3.5 | 0.0 | WNW | 0.00 | 4.8 | WNW | 16.4 | 15.1 | 15.1 | 1014.6 | 0.00 | 0.0 | 0.039 | 0.000 | 22.6 |
| 9/07/19 | 5:00a | 16.5 | 16.6 | 16.4 | 42 | 3.5 | 0.0 | NNE | 0.00 | 1.6 | NNE | 16.5 | 15.1 | 15.1 | 1014.7 | 0.00 | 0.0 | 0.038 | 0.000 | 22.5 |
| 9/07/19 | 5:30a | 16.4 | 16.5 | 16.4 | 43 | 3.8 | 0.0 | WNW | 0.00 | 1.6 | WNW | 16.4 | 15.0 | 15.0 | 1015.0 | 0.00 | 0.0 | 0.041 | 0.000 | 22.5 |
| 9/07/19 | 6:00a | 16.4 | 16.4 | 16.4 | 43 | 3.8 | 0.0 | NNW | 0.00 | 1.6 | NNW | 16.4 | 15.0 | 15.0 | 1015.2 | 0.00 | 0.0 | 0.041 | 0.000 | 22.5 |
| 9/07/19 | 6:30a | 16.6 | 16.6 | 16.4 | 44 | 4.2 | 0.0 | NNW | 0.00 | 4.8 | NW | 16.6 | 15.2 | 15.2 | 1015.7 | 0.00 | 0.0 | 0.037 | 0.000 | 22.5 |
| 9/07/19 | 7:00a | 17.0 | 17.0 | 16.6 | 44 | 4.6 | 0.0 | N | 0.00 | 4.8 | E | 17.0 | 15.7 | 15.7 | 1015.9 | 0.00 | 0.0 | 0.028 | 0.000 | 22.7 |
| 9/07/19 | 7:30a | 17.3 | 17.5 | 17.0 | 45 | 5.3 | 0.0 | NNE | 0.00 | 6.4 | NE | 17.3 | 16.1 | 16.1 | 1016.2 | 0.00 | 0.0 | 0.021 | 0.000 | 23.2 |
| 9/07/19 | 8:00a | 17.7 | 17.8 | 17.4 | 46 | 5.9 | 0.0 | NE | 0.00 | 4.8 | ENE | 17.7 | 16.6 | 16.6 | 1016.4 | 0.00 | 0.0 | 0.013 | 0.000 | 23.3 |
| 9/07/19 | 8:30a | 18.0 | 18.0 | 17.7 | 49 | 7.1 | 0.0 | NNE | 0.00 | 4.8 | W | 18.0 | 17.0 | 17.0 | 1016.4 | 0.00 | 0.0 | 0.007 | 0.000 | 23.4 |
| 9/07/19 | 9:00a | 18.9 | 18.9 | 18.0 | 56 | 10.0 | 0.0 | NE | 0.00 | 6.4 | NE | 18.9 | 18.4 | 18.4 | 1016.2 | 0.00 | 0.0 | 0.000 | 0.013 | 23.8 |
| 9/07/19 | 9:30a | 19.8 | 19.9 | 18.9 | 61 | 12.1 | 1.6 | NNE | 0.80 | 6.4 | NNE | 19.8 | 19.7 | 19.7 | 1016.3 | 0.00 | 0.0 | 0.000 | 0.031 | 24.1 |
| 9/07/19 | 10:00a | 19.3 | 19.9 | 19.3 | 68 | 13.3 | 0.0 | NNE | 0.00 | 6.4 | WNW | 19.3 | 19.4 | 19.4 | 1016.0 | 0.00 | 0.0 | 0.000 | 0.021 | 24.1 |
| 9/07/19 | 10:30a | 20.5 | 20.6 | 19.3 | 70 | 14.8 | 1.6 | ENE | 0.80 | 6.4 | ESE | 20.5 | 20.7 | 20.7 | 1015.9 | 0.00 | 0.0 | 0.000 | 0.045 | 24.6 |
| 9/07/19 | 11:00a | 20.5 | 20.8 | 20.4 | 80 | 16.9 | 0.0 | N | 0.00 | 4.8 | NNE | 20.5 | 21.3 | 21.3 | 1015.5 | 0.00 | 0.0 | 0.000 | 0.045 | 24.7 |
| 9/07/19 | 11:30a | 22.9 | 23.1 | 20.5 | 78 | 18.9 | 1.6 | SE | 0.80 | 11.3 | SE | 22.9 | 23.9 | 23.9 | 1015.0 | 0.00 | 0.0 | 0.000 | 0.096 | 24.7 |
| 9/07/19 | 12:00p | 23.0 | 23.2 | 22.8 | 76 | 18.5 | 0.0 | NNE | 0.00 | 6.4 | ESE | 23.0 | 23.9 | 23.9 | 1014.4 | 0.00 | 0.0 | 0.000 | 0.097 | 24.8 |
| 9/07/19 | 12:30p | 23.1 | 23.1 | 22.6 | 76 | 18.6 | 0.0 | N | 0.00 | 4.8 | N | 23.1 | 24.1 | 24.1 | 1013.9 | 0.00 | 0.0 | 0.000 | 0.100 | 24.8 |
| 9/07/19 | 1:00p | 23.0 | 23.6 | 23.0 | 77 | 18.7 | 0.0 | N | 0.00 | 4.8 | NNW | 23.0 | 23.9 | 23.9 | 1013.8 | 0.00 | 0.0 | 0.000 | 0.097 | 24.8 |
| 9/07/19 | 1:30p | 21.3 | 23.0 | 21.1 | 90 | 19.6 | 0.0 | SE | 0.00 | 1.6 | N | 21.3 | 22.4 | 22.4 | 1013.1 | 1.27 | 14.0 | 0.000 | 0.061 | 24.6 |
| 9/07/19 | 2:00p | 21.7 | 21.8 | 21.3 | 86 | 19.3 | 0.0 | ESE | 0.00 | 4.8 | NE | 21.7 | 22.8 | 22.8 | 1013.2 | 0.00 | 0.0 | 0.000 | 0.071 | 24.6 |
| 9/07/19 | 2:30p | 20.7 | 21.9 | 20.7 | 86 | 18.3 | 0.0 | NNE | 0.00 | 4.8 | WSW | 20.7 | 21.7 | 21.7 | 1012.8 | 0.00 | 0.0 | 0.000 | 0.050 | 24.5 |
| 9/07/19 | 3:00p | 19.1 | 20.8 | 19.1 | 87 | 16.8 | 1.6 | ESE | 0.80 | 6.4 | E | 19.1 | 19.7 | 19.7 | 1013.0 | 8.89 | 88.6 | 0.000 | 0.015 | 24.3 |
| 9/07/19 | 3:30p | 18.6 | 19.1 | 18.6 | 68 | 12.6 | 0.0 | N | 0.00 | 3.2 | N | 18.6 | 18.6 | 18.6 | 1013.3 | 0.00 | 0.0 | 0.000 | 0.006 | 24.2 |
| 9/07/19 | 4:00p | 18.4 | 18.6 | 18.3 | 60 | 10.5 | 0.0 | NNE | 0.00 | 1.6 | N | 18.4 | 18.0 | 18.0 | 1013.0 | 0.00 | 0.0 | 0.000 | 0.002 | 24.1 |
| 9/07/19 | 4:30p | 18.7 | 18.8 | 18.4 | 59 | 10.5 | 0.0 | ENE | 0.00 | 1.6 | ENE | 18.7 | 18.2 | 18.2 | 1012.9 | 0.00 | 0.0 | 0.000 | 0.007 | 24.1 |
| 9/07/19 | 5:00p | 18.9 | 19.1 | 18.7 | 58 | 10.5 | 0.0 | N | 0.00 | 1.6 | ENE | 18.9 | 18.5 | 18.5 | 1013.3 | 0.00 | 0.0 | 0.000 | 0.013 | 24.1 |
| 9/07/19 | 5:30p | 19.0 | 19.0 | 18.8 | 56 | 10.0 | 0.0 | N | 0.00 | 1.6 | N | 19.0 | 18.4 | 18.4 | 1013.4 | 0.00 | 0.0 | 0.000 | 0.014 | 24.0 |
| 9/07/19 | 6:00p | 18.7 | 19.0 | 18.7 | 55 | 9.5 | 0.0 | ENE | 0.00 | 1.6 | N | 18.7 | 18.1 | 18.1 | 1013.7 | 0.00 | 0.0 | 0.000 | 0.008 | 23.9 |
| 9/07/19 | 6:30p | 18.2 | 18.7 | 18.2 | 53 | 8.5 | 0.0 | --- | 0.00 | 0.0 | --- | 18.2 | 17.4 | 17.4 | 1014.0 | 0.00 | 0.0 | 0.002 | 0.000 | 23.8 |
| 9/07/19 | 7:00p | 17.8 | 18.2 | 17.8 | 52 | 7.8 | 0.0 | NNW | 0.00 | 1.6 | NNW | 17.8 | 16.9 | 16.9 | 1014.8 | 0.00 | 0.0 | 0.012 | 0.000 | 23.7 |
| 9/07/19 | 7:30p | 17.4 | 17.8 | 17.4 | 52 | 7.4 | 0.0 | --- | 0.00 | 0.0 | --- | 17.4 | 16.4 | 16.4 | 1015.4 | 0.00 | 0.0 | 0.020 | 0.000 | 23.6 |
| 9/07/19 | 8:00p | 16.8 | 17.4 | 16.8 | 52 | 6.9 | 0.0 | --- | 0.00 | 0.0 | --- | 16.8 | 15.9 | 15.9 | 1015.5 | 0.00 | 0.0 | 0.031 | 0.000 | 23.5 |
| 9/07/19 | 8:30p | 16.8 | 16.8 | 16.7 | 51 | 6.6 | 0.0 | N | 0.00 | 1.6 | N | 16.8 | 15.8 | 15.8 | 1016.1 | 0.00 | 0.0 | 0.032 | 0.000 | 23.4 |
| 9/07/19 | 9:00p | 16.8 | 16.9 | 16.8 | 51 | 6.6 | 0.0 | --- | 0.00 | 0.0 | --- | 16.8 | 15.8 | 15.8 | 1016.6 | 0.00 | 0.0 | 0.031 | 0.000 | 23.3 |
| 9/07/19 | 9:30p | 16.9 | 17.1 | 16.8 | 51 | 6.7 | 0.0 | NW | 0.00 | 1.6 | NNW | 16.9 | 15.9 | 15.9 | 1016.6 | 0.00 | 0.0 | 0.029 | 0.000 | 23.3 |
| 9/07/19 | 10:00p | 17.0 | 17.0 | 16.9 | 51 | 6.8 | 0.0 | N | 0.00 | 3.2 | N | 17.0 | 16.0 | 16.0 | 1017.0 | 0.00 | 0.0 | 0.028 | 0.000 | 23.2 |
| 9/07/19 | 10:30p | 17.1 | 17.1 | 16.9 | 51 | 6.9 | 0.0 | NW | 0.00 | 3.2 | ENE | 17.1 | 16.1 | 16.1 | 1017.4 | 0.00 | 0.0 | 0.025 | 0.000 | 23.1 |
| 9/07/19 | 11:00p | 17.3 | 17.3 | 17.1 | 51 | 7.1 | 0.0 | N | 0.00 | 1.6 | NW | 17.3 | 16.3 | 16.3 | 1016.9 | 0.00 | 0.0 | 0.021 | 0.000 | 23.1 |
| 9/07/19 | 11:30p | 17.4 | 17.4 | 17.2 | 52 | 7.4 | 0.0 | NNW | 0.00 | 1.6 | NNW | 17.4 | 16.4 | 16.4 | 1016.5 | 0.00 | 0.0 | 0.020 | 0.000 | 23.0 |
| 10/07/19 | 12:00a | 17.5 | 17.6 | 17.4 | 52 | 7.5 | 0.0 | N | 0.00 | 1.6 | N | 17.5 | 16.6 | 16.6 | 1016.1 | 0.00 | 0.0 | 0.017 | 0.000 | 23.0 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 9/07/19 | 12:30a | 71 | 17.5 | 23.8 | 13.31 | .0731 | 696 | 1 | 100.0 | 30 |
| 9/07/19 | 1:00a | 71 | 17.4 | 23.7 | 13.32 | .0731 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 1:30a | 71 | 17.4 | 23.7 | 13.32 | .0731 | 703 | 1 | 100.0 | 30 |
| 9/07/19 | 2:00a | 71 | 17.4 | 23.7 | 13.32 | .0731 | 692 | 1 | 100.0 | 30 |
| 9/07/19 | 2:30a | 72 | 17.6 | 23.7 | 13.62 | .0731 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 3:00a | 72 | 17.5 | 23.5 | 13.63 | .0731 | 703 | 1 | 100.0 | 30 |
| 9/07/19 | 3:30a | 72 | 17.4 | 23.3 | 13.64 | .0732 | 693 | 1 | 100.0 | 30 |
| 9/07/19 | 4:00a | 72 | 17.3 | 23.2 | 13.65 | .0732 | 703 | 1 | 100.0 | 30 |
| 9/07/19 | 4:30a | 72 | 17.3 | 23.2 | 13.65 | .0732 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 5:00a | 72 | 17.2 | 23.1 | 13.65 | .0732 | 697 | 1 | 100.0 | 30 |
| 9/07/19 | 5:30a | 72 | 17.2 | 23.1 | 13.65 | .0733 | 698 | 1 | 100.0 | 30 |
| 9/07/19 | 6:00a | 72 | 17.2 | 23.1 | 13.65 | .0733 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 6:30a | 72 | 17.2 | 23.1 | 13.65 | .0733 | 701 | 1 | 100.0 | 30 |
| 9/07/19 | 7:00a | 72 | 17.4 | 23.3 | 13.64 | .0733 | 694 | 1 | 100.0 | 30 |
| 9/07/19 | 7:30a | 71 | 17.6 | 24.0 | 13.30 | .0731 | 703 | 1 | 100.0 | 30 |
| 9/07/19 | 8:00a | 71 | 17.7 | 24.2 | 13.29 | .0731 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 8:30a | 71 | 17.8 | 24.3 | 13.29 | .0731 | 692 | 1 | 100.0 | 30 |
| 9/07/19 | 9:00a | 71 | 18.3 | 24.8 | 13.25 | .0729 | 701 | 1 | 100.0 | 30 |
| 9/07/19 | 9:30a | 70 | 18.3 | 25.1 | 12.94 | .0729 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 10:00a | 70 | 18.3 | 25.1 | 12.94 | .0728 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 10:30a | 72 | 19.2 | 25.7 | 13.48 | .0726 | 691 | 1 | 100.0 | 30 |
| 9/07/19 | 11:00a | 71 | 19.1 | 25.8 | 13.19 | .0726 | 703 | 1 | 100.0 | 30 |
| 9/07/19 | 11:30a | 70 | 18.9 | 25.8 | 12.92 | .0726 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 12:00p | 69 | 18.7 | 25.7 | 12.69 | .0725 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 12:30p | 69 | 18.7 | 25.7 | 12.69 | .0725 | 691 | 1 | 100.0 | 30 |
| 9/07/19 | 1:00p | 69 | 18.7 | 25.7 | 12.69 | .0725 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 1:30p | 69 | 18.5 | 25.6 | 12.70 | .0725 | 703 | 1 | 100.0 | 30 |
| 9/07/19 | 2:00p | 70 | 18.7 | 25.6 | 12.93 | .0725 | 701 | 1 | 100.0 | 30 |
| 9/07/19 | 2:30p | 70 | 18.7 | 25.5 | 12.93 | .0725 | 692 | 1 | 100.0 | 30 |
| 9/07/19 | 3:00p | 71 | 18.7 | 25.4 | 13.22 | .0725 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 3:30p | 71 | 18.6 | 25.2 | 13.23 | .0726 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 4:00p | 72 | 18.7 | 25.2 | 13.53 | .0726 | 699 | 1 | 100.0 | 30 |
| 9/07/19 | 4:30p | 72 | 18.7 | 25.2 | 13.53 | .0726 | 696 | 1 | 100.0 | 30 |
| 9/07/19 | 5:00p | 72 | 18.7 | 25.2 | 13.53 | .0726 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 5:30p | 73 | 18.9 | 25.1 | 13.75 | .0726 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 6:00p | 73 | 18.8 | 25.1 | 13.75 | .0727 | 692 | 1 | 100.0 | 30 |
| 9/07/19 | 6:30p | 73 | 18.7 | 24.9 | 13.75 | .0727 | 701 | 1 | 100.0 | 30 |
| 9/07/19 | 7:00p | 73 | 18.6 | 24.8 | 13.76 | .0728 | 703 | 1 | 100.0 | 30 |
| 9/07/19 | 7:30p | 74 | 18.7 | 24.7 | 14.07 | .0729 | 700 | 1 | 100.0 | 30 |
| 9/07/19 | 8:00p | 74 | 18.6 | 24.6 | 14.08 | .0729 | 694 | 1 | 100.0 | 30 |
| 9/07/19 | 8:30p | 74 | 18.5 | 24.4 | 14.09 | .0730 | 701 | 1 | 100.0 | 30 |
| 9/07/19 | 9:00p | 74 | 18.4 | 24.3 | 14.09 | .0731 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 9:30p | 74 | 18.4 | 24.3 | 14.09 | .0731 | 694 | 1 | 100.0 | 30 |
| 9/07/19 | 10:00p | 74 | 18.3 | 24.1 | 14.10 | .0731 | 702 | 1 | 100.0 | 30 |
| 9/07/19 | 10:30p | 74 | 18.2 | 24.1 | 14.11 | .0732 | 703 | 1 | 100.0 | 30 |
| 9/07/19 | 11:00p | 74 | 18.2 | 23.9 | 14.11 | .0732 | 693 | 1 | 100.0 | 30 |
| 9/07/19 | 11:30p | 74 | 18.1 | 23.9 | 14.11 | .0732 | 703 | 1 | 100.0 | 30 |
| 10/07/19 | 12:00a | 74 | 18.1 | 23.9 | 14.11 | .0731 | 702 | 1 | 100.0 | 30 |