

| 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 |
|----------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|-------|------|--------------|-------------|-------------|------------|
| 16/07/16 | 12:30a | 17.4 | 17.6 | 17.4 | 93 | 16.3 | 0.0 | NNE | 0.00 | 8.0 | NNE | 17.4 | 17.9 | 17.9 | 758.9 | 0.00 | 0.0 | 0.019 | 0.000 | 22.6 |
| 16/07/16 | 1:00a | 17.4 | 17.4 | 17.4 | 93 | 16.2 | 0.0 | NE | 0.00 | 6.4 | NNE | 17.4 | 17.8 | 17.8 | 758.7 | 0.00 | 0.0 | 0.020 | 0.000 | 22.6 |
| 16/07/16 | 1:30a | 17.3 | 17.4 | 17.3 | 94 | 16.3 | 0.0 | NE | 0.00 | 3.2 | E | 17.3 | 17.7 | 17.7 | 758.3 | 0.00 | 0.0 | 0.022 | 0.000 | 22.4 |
| 16/07/16 | 2:00a | 17.1 | 17.3 | 17.1 | 95 | 16.2 | 0.0 | NE | 0.00 | 6.4 | NE | 17.1 | 17.5 | 17.5 | 758.2 | 0.00 | 0.0 | 0.027 | 0.000 | 22.4 |
| 16/07/16 | 2:30a | 16.9 | 17.1 | 16.9 | 95 | 16.1 | 0.0 | ENE | 0.00 | 8.0 | NNE | 16.9 | 17.4 | 17.4 | 758.1 | 0.00 | 0.0 | 0.029 | 0.000 | 22.3 |
| 16/07/16 | 3:00a | 16.8 | 16.9 | 16.8 | 95 | 16.0 | 0.0 | W | 0.00 | 3.2 | ENE | 16.8 | 17.2 | 17.2 | 757.7 | 0.00 | 0.0 | 0.032 | 0.000 | 22.2 |
| 16/07/16 | 3:30a | 16.6 | 16.8 | 16.6 | 95 | 15.8 | 0.0 | ENE | 0.00 | 3.2 | ENE | 16.6 | 16.9 | 16.9 | 757.7 | 0.00 | 0.0 | 0.037 | 0.000 | 22.2 |
| 16/07/16 | 4:00a | 16.6 | 16.7 | 16.6 | 96 | 16.0 | 0.0 | NE | 0.00 | 1.6 | NE | 16.6 | 17.0 | 17.0 | 758.0 | 0.00 | 0.0 | 0.036 | 0.000 | 22.1 |
| 16/07/16 | 4:30a | 16.4 | 16.6 | 16.4 | 96 | 15.7 | 0.0 | SE | 0.00 | 1.6 | SE | 16.4 | 16.7 | 16.7 | 758.0 | 0.00 | 0.0 | 0.041 | 0.000 | 22.1 |
| 16/07/16 | 5:00a | 16.3 | 16.4 | 16.3 | 96 | 15.7 | 0.0 | W | 0.00 | 1.6 | W | 16.3 | 16.7 | 16.7 | 758.2 | 0.00 | 0.0 | 0.042 | 0.000 | 22.0 |
| 16/07/16 | 5:30a | 16.3 | 16.3 | 16.3 | 96 | 15.7 | 0.0 | E | 0.00 | 3.2 | E | 16.3 | 16.7 | 16.7 | 758.5 | 0.00 | 0.0 | 0.042 | 0.000 | 22.0 |
| 16/07/16 | 6:00a | 16.3 | 16.3 | 16.3 | 96 | 15.7 | 0.0 | WNW | 0.00 | 4.8 | E | 16.3 | 16.7 | 16.7 | 758.7 | 0.00 | 0.0 | 0.042 | 0.000 | 21.9 |
| 16/07/16 | 6:30a | 16.6 | 16.6 | 16.3 | 96 | 16.0 | 0.0 | NNE | 0.00 | 3.2 | NE | 16.6 | 17.0 | 17.0 | 759.0 | 0.00 | 0.0 | 0.036 | 0.000 | 21.9 |
| 16/07/16 | 7:00a | 16.9 | 16.9 | 16.6 | 95 | 16.1 | 0.0 | E | 0.00 | 3.2 | E | 16.9 | 17.4 | 17.4 | 759.2 | 0.00 | 0.0 | 0.029 | 0.000 | 21.9 |
| 16/07/16 | 7:30a | 17.7 | 17.8 | 16.9 | 93 | 16.6 | 0.0 | NNE | 0.00 | 4.8 | NNE | 17.7 | 18.2 | 18.2 | 759.4 | 0.00 | 0.0 | 0.013 | 0.000 | 22.1 |
| 16/07/16 | 8:00a | 18.9 | 18.9 | 17.8 | 88 | 16.9 | 0.0 | NNE | 0.00 | 9.7 | N | 18.9 | 19.6 | 19.6 | 759.6 | 0.00 | 0.0 | 0.000 | 0.013 | 22.6 |
| 16/07/16 | 8:30a | 20.1 | 20.1 | 18.9 | 82 | 16.9 | 0.0 | NE | 0.00 | 6.4 | NE | 20.1 | 20.9 | 20.9 | 759.7 | 0.00 | 0.0 | 0.000 | 0.037 | 22.9 |
| 16/07/16 | 9:00a | 20.6 | 20.6 | 20.1 | 81 | 17.2 | 0.0 | NE | 0.00 | 6.4 | NE | 20.6 | 21.4 | 21.4 | 759.7 | 0.00 | 0.0 | 0.000 | 0.047 | 23.2 |
| 16/07/16 | 9:30a | 22.1 | 22.1 | 20.6 | 76 | 17.6 | 1.6 | NE | 0.80 | 9.7 | NNE | 22.1 | 22.6 | 22.6 | 759.6 | 0.00 | 0.0 | 0.000 | 0.078 | 23.7 |
| 16/07/16 | 10:00a | 22.8 | 22.8 | 22.1 | 71 | 17.3 | 1.6 | NE | 0.80 | 8.0 | NNE | 22.8 | 23.5 | 23.5 | 759.4 | 0.00 | 0.0 | 0.000 | 0.094 | 23.9 |
| 16/07/16 | 10:30a | 23.0 | 23.0 | 22.4 | 70 | 17.2 | 1.6 | NE | 0.80 | 9.7 | ENE | 23.0 | 23.7 | 23.7 | 759.3 | 0.00 | 0.0 | 0.000 | 0.097 | 24.1 |
| 16/07/16 | 11:00a | 23.4 | 23.7 | 23.0 | 69 | 17.4 | 1.6 | NE | 0.80 | 11.3 | NNE | 23.4 | 24.2 | 24.2 | 759.2 | 0.00 | 0.0 | 0.000 | 0.105 | 24.2 |
| 16/07/16 | 11:30a | 24.2 | 24.2 | 23.4 | 66 | 17.4 | 1.6 | NE | 0.80 | 9.7 | NNE | 24.2 | 24.9 | 24.9 | 758.9 | 0.00 | 0.0 | 0.000 | 0.122 | 24.3 |
| 16/07/16 | 12:00p | 24.5 | 24.5 | 23.8 | 66 | 17.7 | 1.6 | NE | 0.80 | 9.7 | WNW | 24.5 | 25.2 | 25.2 | 758.6 | 0.00 | 0.0 | 0.000 | 0.128 | 24.4 |
| 16/07/16 | 12:30p | 24.3 | 24.6 | 24.3 | 65 | 17.3 | 1.6 | NE | 0.80 | 8.0 | E | 24.3 | 25.0 | 25.0 | 758.4 | 0.00 | 0.0 | 0.000 | 0.125 | 24.5 |
| 16/07/16 | 1:00p | 25.1 | 25.1 | 24.3 | 64 | 17.8 | 1.6 | NE | 0.80 | 12.9 | NE | 25.1 | 25.7 | 25.7 | 758.0 | 0.00 | 0.0 | 0.000 | 0.140 | 24.5 |
| 16/07/16 | 1:30p | 24.6 | 25.1 | 24.5 | 64 | 17.3 | 1.6 | NE | 0.80 | 12.9 | NE | 24.6 | 25.2 | 25.2 | 757.6 | 0.00 | 0.0 | 0.000 | 0.130 | 24.5 |
| 16/07/16 | 2:00p | 25.7 | 25.7 | 24.6 | 61 | 17.6 | 1.6 | NE | 0.80 | 9.7 | N | 25.7 | 26.2 | 26.2 | 757.1 | 0.00 | 0.0 | 0.000 | 0.153 | 24.5 |
| 16/07/16 | 2:30p | 24.9 | 25.7 | 24.9 | 61 | 16.9 | 3.2 | NE | 1.61 | 11.3 | NE | 24.9 | 25.4 | 25.4 | 756.9 | 0.00 | 0.0 | 0.000 | 0.137 | 24.6 |
| 16/07/16 | 3:00p | 25.6 | 25.7 | 24.8 | 59 | 17.0 | 1.6 | NE | 0.80 | 9.7 | NE | 25.6 | 26.1 | 26.1 | 756.6 | 0.00 | 0.0 | 0.000 | 0.152 | 24.6 |
| 16/07/16 | 3:30p | 24.4 | 25.6 | 24.4 | 61 | 16.4 | 1.6 | NE | 0.80 | 12.9 | NNE | 24.4 | 24.9 | 24.9 | 756.5 | 0.00 | 0.0 | 0.000 | 0.127 | 24.6 |
| 16/07/16 | 4:00p | 23.9 | 24.4 | 23.9 | 63 | 16.4 | 1.6 | NE | 0.80 | 8.0 | ENE | 23.9 | 24.5 | 24.5 | 756.2 | 0.00 | 0.0 | 0.000 | 0.116 | 24.4 |
| 16/07/16 | 4:30p | 23.7 | 23.9 | 23.6 | 65 | 16.7 | 1.6 | NE | 0.80 | 6.4 | ESE | 23.7 | 24.4 | 24.4 | 756.3 | 0.00 | 0.0 | 0.000 | 0.111 | 24.3 |
| 16/07/16 | 5:00p | 23.6 | 23.7 | 23.6 | 66 | 16.8 | 1.6 | NW | 0.80 | 8.0 | NNE | 23.6 | 24.3 | 24.3 | 756.6 | 0.00 | 0.0 | 0.000 | 0.109 | 24.3 |
| 16/07/16 | 5:30p | 24.3 | 24.6 | 23.5 | 61 | 16.3 | 0.0 | NE | 0.00 | 6.4 | NNE | 24.3 | 24.8 | 24.8 | 756.6 | 0.00 | 0.0 | 0.000 | 0.125 | 24.2 |
| 16/07/16 | 6:00p | 23.2 | 24.4 | 23.2 | 63 | 15.8 | 0.0 | NE | 0.00 | 8.0 | E | 23.2 | 23.7 | 23.7 | 756.6 | 0.00 | 0.0 | 0.000 | 0.102 | 24.2 |
| 16/07/16 | 6:30p | 22.2 | 23.2 | 22.2 | 68 | 16.0 | 0.0 | NE | 0.00 | 8.0 | NNE | 22.2 | 22.4 | 22.4 | 756.8 | 0.00 | 0.0 | 0.000 | 0.080 | 24.0 |
| 16/07/16 | 7:00p | 21.4 | 22.2 | 21.4 | 74 | 16.6 | 0.0 | NE | 0.00 | 9.7 | N | 21.4 | 21.7 | 21.7 | 757.4 | 0.00 | 0.0 | 0.000 | 0.064 | 23.8 |
| 16/07/16 | 7:30p | 20.9 | 21.4 | 20.9 | 78 | 17.0 | 0.0 | NW | 0.00 | 8.0 | NE | 20.9 | 21.5 | 21.5 | 757.7 | 0.00 | 0.0 | 0.000 | 0.054 | 23.6 |
| 16/07/16 | 8:00p | 20.5 | 20.9 | 20.5 | 80 | 16.9 | 0.0 | NE | 0.00 | 9.7 | ENE | 20.5 | 21.3 | 21.3 | 758.0 | 0.00 | 0.0 | 0.000 | 0.045 | 23.5 |
| 16/07/16 | 8:30p | 19.9 | 20.5 | 19.9 | 82 | 16.7 | 0.0 | NE | 0.00 | 6.4 | E | 19.9 | 20.6 | 20.6 | 758.4 | 0.00 | 0.0 | 0.000 | 0.032 | 23.4 |
| 16/07/16 | 9:00p | 19.6 | 19.9 | 19.6 | 85 | 17.0 | 0.0 | NE | 0.00 | 3.2 | NW | 19.6 | 20.3 | 20.3 | 758.9 | 0.00 | 0.0 | 0.000 | 0.025 | 23.2 |
| 16/07/16 | 9:30p | 19.1 | 19.6 | 19.1 | 89 | 17.2 | 0.0 | NE | 0.00 | 6.4 | NNE | 19.1 | 19.8 | 19.8 | 759.2 | 0.00 | 0.0 | 0.000 | 0.015 | 23.2 |
| 16/07/16 | 10:00p | 18.7 | 19.1 | 18.7 | 91 | 17.2 | 0.0 | NE | 0.00 | 8.0 | NNE | 18.7 | 19.4 | 19.4 | 759.6 | 0.00 | 0.0 | 0.000 | 0.008 | 23.0 |
| 16/07/16 | 10:30p | 18.4 | 18.7 | 18.4 | 92 | 17.1 | 0.0 | NE | 0.00 | 8.0 | N | 18.4 | 19.0 | 19.0 | 759.8 | 0.00 | 0.0 | 0.000 | 0.001 | 22.9 |
| 16/07/16 | 11:00p | 18.1 | 18.4 | 18.1 | 93 | 16.9 | 0.0 | ENE | 0.00 | 8.0 | ENE | 18.1 | 18.6 | 18.6 | 759.9 | 0.00 | 0.0 | 0.006 | 0.000 | 22.7 |
| 16/07/16 | 11:30p | 18.0 | 18.1 | 18.0 | 93 | 16.9 | 0.0 | ENE | 0.00 | 3.2 | WNW | 18.0 | 18.6 | 18.6 | 759.9 | 0.00 | 0.0 | 0.007 | 0.000 | 22.7 |
| 17/07/16 | 12:00a | 17.6 | 18.0 | 17.6 | 94 | 16.6 | 0.0 | NNE | 0.00 | 3.2 | NNE | 17.6 | 18.1 | 18.1 | 759.7 | 0.00 | 0.0 | 0.015 | 0.000 | 22.6 |

| Date | Time | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|----------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 16/07/16 | 12:30a | 70 | 16.8 | 23.1 | 13.05 | .0730 | 703 | 1 | 100.0 | 30 |
| 16/07/16 | 1:00a | 70 | 16.8 | 23.1 | 13.05 | .0730 | 700 | 1 | 100.0 | 30 |
| 16/07/16 | 1:30a | 70 | 16.6 | 22.8 | 13.06 | .0730 | 695 | 1 | 100.0 | 30 |
| 16/07/16 | 2:00a | 71 | 16.9 | 22.9 | 13.36 | .0730 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 2:30a | 71 | 16.8 | 22.7 | 13.37 | .0730 | 703 | 1 | 100.0 | 30 |
| 16/07/16 | 3:00a | 71 | 16.7 | 22.7 | 13.37 | .0730 | 693 | 1 | 100.0 | 30 |
| 16/07/16 | 3:30a | 72 | 16.9 | 22.6 | 13.67 | .0730 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 4:00a | 72 | 16.8 | 22.6 | 13.68 | .0731 | 703 | 1 | 100.0 | 30 |
| 16/07/16 | 4:30a | 72 | 16.8 | 22.6 | 13.68 | .0731 | 695 | 1 | 100.0 | 30 |
| 16/07/16 | 5:00a | 72 | 16.7 | 22.4 | 13.69 | .0731 | 701 | 1 | 100.0 | 30 |
| 16/07/16 | 5:30a | 72 | 16.7 | 22.4 | 13.69 | .0731 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 6:00a | 72 | 16.6 | 22.3 | 13.69 | .0732 | 700 | 1 | 100.0 | 30 |
| 16/07/16 | 6:30a | 72 | 16.7 | 22.3 | 13.69 | .0732 | 696 | 1 | 100.0 | 30 |
| 16/07/16 | 7:00a | 72 | 16.7 | 22.3 | 13.69 | .0732 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 7:30a | 72 | 16.8 | 22.6 | 13.68 | .0732 | 703 | 1 | 100.0 | 30 |
| 16/07/16 | 8:00a | 71 | 17.0 | 23.1 | 13.35 | .0731 | 690 | 1 | 100.0 | 30 |
| 16/07/16 | 8:30a | 70 | 17.1 | 23.6 | 13.02 | .0730 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 9:00a | 69 | 17.2 | 24.0 | 12.77 | .0729 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 9:30a | 68 | 17.5 | 24.6 | 12.55 | .0728 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 10:00a | 67 | 17.4 | 24.8 | 12.25 | .0727 | 691 | 1 | 100.0 | 30 |
| 16/07/16 | 10:30a | 67 | 17.5 | 24.9 | 12.24 | .0726 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 11:00a | 66 | 17.5 | 24.9 | 12.04 | .0726 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 11:30a | 66 | 17.6 | 25.1 | 12.03 | .0725 | 697 | 1 | 100.0 | 30 |
| 16/07/16 | 12:00p | 66 | 17.7 | 25.2 | 12.03 | .0725 | 698 | 1 | 100.0 | 30 |
| 16/07/16 | 12:30p | 65 | 17.5 | 25.2 | 11.83 | .0725 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 1:00p | 65 | 17.5 | 25.2 | 11.83 | .0724 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 1:30p | 65 | 17.5 | 25.2 | 11.83 | .0724 | 693 | 1 | 100.0 | 30 |
| 16/07/16 | 2:00p | 65 | 17.5 | 25.2 | 11.83 | .0723 | 701 | 1 | 100.0 | 30 |
| 16/07/16 | 2:30p | 65 | 17.6 | 25.3 | 11.82 | .0723 | 703 | 1 | 100.0 | 30 |
| 16/07/16 | 3:00p | 65 | 17.6 | 25.3 | 11.82 | .0722 | 692 | 1 | 100.0 | 30 |
| 16/07/16 | 3:30p | 65 | 17.5 | 25.2 | 11.83 | .0723 | 703 | 1 | 100.0 | 30 |
| 16/07/16 | 4:00p | 65 | 17.4 | 25.1 | 11.83 | .0723 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 4:30p | 65 | 17.3 | 25.0 | 11.83 | .0723 | 703 | 1 | 100.0 | 30 |
| 16/07/16 | 5:00p | 65 | 17.3 | 24.9 | 11.84 | .0724 | 690 | 1 | 100.0 | 30 |
| 16/07/16 | 5:30p | 66 | 17.5 | 24.9 | 12.04 | .0724 | 703 | 1 | 100.0 | 30 |
| 16/07/16 | 6:00p | 66 | 17.4 | 24.9 | 12.04 | .0724 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 6:30p | 66 | 17.3 | 24.8 | 12.05 | .0724 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 7:00p | 66 | 17.1 | 24.6 | 12.05 | .0726 | 692 | 1 | 100.0 | 30 |
| 16/07/16 | 7:30p | 67 | 17.1 | 24.4 | 12.26 | .0726 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 8:00p | 67 | 17.0 | 24.3 | 12.26 | .0727 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 8:30p | 68 | 17.1 | 24.2 | 12.55 | .0728 | 701 | 1 | 100.0 | 30 |
| 16/07/16 | 9:00p | 68 | 17.0 | 23.9 | 12.55 | .0729 | 693 | 1 | 100.0 | 30 |
| 16/07/16 | 9:30p | 69 | 17.2 | 23.9 | 12.78 | .0729 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 10:00p | 70 | 17.2 | 23.7 | 13.01 | .0730 | 702 | 1 | 100.0 | 30 |
| 16/07/16 | 10:30p | 70 | 17.1 | 23.6 | 13.02 | .0730 | 694 | 1 | 100.0 | 30 |
| 16/07/16 | 11:00p | 71 | 17.1 | 23.3 | 13.34 | .0731 | 698 | 1 | 100.0 | 30 |
| 16/07/16 | 11:30p | 71 | 17.1 | 23.3 | 13.34 | .0731 | 703 | 1 | 100.0 | 30 |
| 17/07/16 | 12:00a | 71 | 17.0 | 23.1 | 13.35 | .0731 | 702 | 1 | 100.0 | 30 |