

| Date    | Time   | Temp<br>Out | Hi<br>Temp | Low<br>Temp | Out<br>Hum | Dew<br>Pt. | Wind<br>Speed | Wind<br>Dir | Wind<br>Run | Hi<br>Speed | Hi<br>Dir | Wind<br>Chill | Heat<br>Index | THW<br>Index | Bar    | Rain | Rain<br>Rate | Heat<br>D-D | Cool<br>D-D | In<br>Temp |
|---------|--------|-------------|------------|-------------|------------|------------|---------------|-------------|-------------|-------------|-----------|---------------|---------------|--------------|--------|------|--------------|-------------|-------------|------------|
| 1/09/18 | 12:30a | 16.7        | 16.8       | 16.6        | 97         | 16.2       | 0.0           | SE          | 0.00        | 1.6         | SE        | 16.7          | 17.2          | 17.2         | 1012.5 | 0.51 | 2.8          | 0.034       | 0.000       | 22.4       |
| 1/09/18 | 1:00a  | 16.9        | 17.0       | 16.7        | 97         | 16.5       | 0.0           | NE          | 0.00        | 1.6         | SE        | 16.9          | 17.4          | 17.4         | 1012.0 | 0.51 | 0.0          | 0.029       | 0.000       | 22.4       |
| 1/09/18 | 1:30a  | 16.6        | 16.9       | 16.6        | 97         | 16.1       | 0.0           | N           | 0.00        | 3.2         | NNE       | 16.6          | 16.9          | 16.9         | 1011.3 | 0.00 | 0.0          | 0.037       | 0.000       | 22.3       |
| 1/09/18 | 2:00a  | 16.3        | 16.6       | 16.3        | 97         | 15.8       | 0.0           | N           | 0.00        | 1.6         | N         | 16.3          | 16.6          | 16.6         | 1011.0 | 0.00 | 0.0          | 0.043       | 0.000       | 22.3       |
| 1/09/18 | 2:30a  | 16.1        | 16.3       | 16.1        | 97         | 15.6       | 0.0           | NNW         | 0.00        | 3.2         | NNW       | 16.1          | 16.4          | 16.4         | 1011.5 | 0.00 | 0.0          | 0.047       | 0.000       | 22.2       |
| 1/09/18 | 3:00a  | 15.8        | 16.1       | 15.8        | 98         | 15.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.8          | 16.2          | 16.2         | 1011.7 | 0.00 | 0.0          | 0.052       | 0.000       | 22.2       |
| 1/09/18 | 3:30a  | 15.8        | 15.9       | 15.8        | 98         | 15.5       | 0.0           | NNW         | 0.00        | 1.6         | NNW       | 15.8          | 16.2          | 16.2         | 1012.0 | 0.00 | 0.0          | 0.052       | 0.000       | 22.1       |
| 1/09/18 | 4:00a  | 15.7        | 15.8       | 15.7        | 98         | 15.4       | 0.0           | SW          | 0.00        | 3.2         | WSW       | 15.7          | 16.0          | 16.0         | 1012.0 | 0.00 | 0.0          | 0.054       | 0.000       | 22.1       |
| 1/09/18 | 4:30a  | 15.8        | 15.8       | 15.7        | 98         | 15.5       | 0.0           | NNE         | 0.00        | 1.6         | NW        | 15.8          | 16.1          | 16.1         | 1012.2 | 0.00 | 0.0          | 0.053       | 0.000       | 22.0       |
| 1/09/18 | 5:00a  | 15.4        | 15.8       | 15.4        | 98         | 15.1       | 0.0           | ENE         | 0.00        | 1.6         | NNW       | 15.4          | 15.7          | 15.7         | 1012.2 | 0.00 | 0.0          | 0.060       | 0.000       | 21.9       |
| 1/09/18 | 5:30a  | 15.5        | 15.5       | 15.4        | 98         | 15.2       | 0.0           | NNW         | 0.00        | 1.6         | NNW       | 15.5          | 15.8          | 15.8         | 1012.3 | 0.00 | 0.0          | 0.059       | 0.000       | 21.9       |
| 1/09/18 | 6:00a  | 15.4        | 15.5       | 15.4        | 98         | 15.1       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.4          | 15.7          | 15.7         | 1012.3 | 0.00 | 0.0          | 0.060       | 0.000       | 21.9       |
| 1/09/18 | 6:30a  | 15.8        | 15.8       | 15.4        | 98         | 15.5       | 0.0           | ---         | 0.00        | 0.0         | ---       | 15.8          | 16.2          | 16.2         | 1012.9 | 0.00 | 0.0          | 0.052       | 0.000       | 22.0       |
| 1/09/18 | 7:00a  | 16.6        | 16.6       | 15.8        | 98         | 16.2       | 0.0           | NNW         | 0.00        | 1.6         | NNW       | 16.6          | 16.9          | 16.9         | 1013.0 | 0.00 | 0.0          | 0.037       | 0.000       | 22.1       |
| 1/09/18 | 7:30a  | 18.9        | 18.9       | 16.6        | 98         | 18.6       | 0.0           | SE          | 0.00        | 1.6         | SE        | 18.9          | 19.7          | 19.7         | 1013.1 | 0.00 | 0.0          | 0.000       | 0.012       | 23.2       |
| 1/09/18 | 8:00a  | 19.6        | 19.7       | 18.9        | 88         | 17.5       | 0.0           | ENE         | 0.00        | 6.4         | NE        | 19.6          | 20.4          | 20.4         | 1013.2 | 0.00 | 0.0          | 0.000       | 0.025       | 23.6       |
| 1/09/18 | 8:30a  | 19.1        | 19.6       | 19.1        | 89         | 17.3       | 0.0           | ENE         | 0.00        | 3.2         | ENE       | 19.1          | 19.8          | 19.8         | 1013.5 | 0.00 | 0.0          | 0.000       | 0.016       | 23.5       |
| 1/09/18 | 9:00a  | 19.8        | 19.8       | 19.1        | 90         | 18.1       | 0.0           | NNE         | 0.00        | 3.2         | WNW       | 19.8          | 20.7          | 20.7         | 1013.5 | 0.00 | 0.0          | 0.000       | 0.031       | 23.4       |
| 1/09/18 | 9:30a  | 21.2        | 21.2       | 19.9        | 83         | 18.2       | 1.6           | NNE         | 0.80        | 8.0         | ENE       | 21.2          | 21.9          | 21.9         | 1013.6 | 0.00 | 0.0          | 0.000       | 0.059       | 23.6       |
| 1/09/18 | 10:00a | 22.3        | 22.3       | 21.2        | 78         | 18.3       | 0.0           | W           | 0.00        | 6.4         | NE        | 22.3          | 23.1          | 23.1         | 1013.4 | 0.00 | 0.0          | 0.000       | 0.083       | 23.6       |
| 1/09/18 | 10:30a | 23.1        | 23.1       | 22.3        | 75         | 18.4       | 1.6           | ENE         | 0.80        | 8.0         | NE        | 23.1          | 24.1          | 24.1         | 1013.2 | 0.00 | 0.0          | 0.000       | 0.100       | 23.7       |
| 1/09/18 | 11:00a | 24.1        | 24.1       | 23.1        | 73         | 19.0       | 1.6           | NNE         | 0.80        | 8.0         | NE        | 24.1          | 25.2          | 25.2         | 1012.5 | 0.00 | 0.0          | 0.000       | 0.120       | 23.9       |
| 1/09/18 | 11:30a | 24.1        | 24.6       | 23.8        | 71         | 18.5       | 1.6           | NE          | 0.80        | 6.4         | NNE       | 24.1          | 25.1          | 25.1         | 1012.4 | 0.00 | 0.0          | 0.000       | 0.120       | 24.0       |
| 1/09/18 | 12:00p | 24.0        | 24.2       | 24.0        | 71         | 18.4       | 1.6           | NE          | 0.80        | 9.7         | ENE       | 24.0          | 25.0          | 25.0         | 1011.9 | 0.00 | 0.0          | 0.000       | 0.118       | 24.0       |
| 1/09/18 | 12:30p | 23.5        | 24.0       | 23.4        | 73         | 18.4       | 0.0           | NNE         | 0.00        | 6.4         | N         | 23.5          | 24.5          | 24.5         | 1011.7 | 0.00 | 0.0          | 0.000       | 0.108       | 23.9       |
| 1/09/18 | 1:00p  | 24.3        | 24.3       | 23.3        | 72         | 18.9       | 1.6           | NNE         | 0.80        | 8.0         | ENE       | 24.3          | 25.4          | 25.4         | 1011.0 | 0.00 | 0.0          | 0.000       | 0.124       | 23.9       |
| 1/09/18 | 1:30p  | 22.8        | 24.4       | 22.8        | 76         | 18.4       | 1.6           | NE          | 0.80        | 9.7         | WNW       | 22.8          | 23.7          | 23.7         | 1010.5 | 0.00 | 0.0          | 0.000       | 0.094       | 23.9       |
| 1/09/18 | 2:00p  | 22.4        | 22.9       | 22.4        | 76         | 17.9       | 0.0           | NE          | 0.00        | 6.4         | NNE       | 22.4          | 23.1          | 23.1         | 1010.3 | 0.00 | 0.0          | 0.000       | 0.084       | 23.8       |
| 1/09/18 | 2:30p  | 22.1        | 22.4       | 22.1        | 82         | 18.9       | 0.0           | NE          | 0.00        | 4.8         | ENE       | 22.1          | 22.9          | 22.9         | 1009.7 | 0.25 | 0.0          | 0.000       | 0.079       | 23.7       |
| 1/09/18 | 3:00p  | 20.7        | 22.1       | 20.7        | 88         | 18.6       | 0.0           | S           | 0.00        | 1.6         | NE        | 20.7          | 21.7          | 21.7         | 1009.5 | 0.25 | 0.0          | 0.000       | 0.049       | 23.6       |
| 1/09/18 | 3:30p  | 19.3        | 20.7       | 19.3        | 93         | 18.1       | 1.6           | SE          | 0.80        | 6.4         | E         | 19.3          | 20.1          | 20.1         | 1009.7 | 0.00 | 0.0          | 0.000       | 0.020       | 23.6       |
| 1/09/18 | 4:00p  | 18.4        | 19.3       | 18.4        | 94         | 17.4       | 0.0           | ESE         | 0.00        | 4.8         | E         | 18.4          | 19.1          | 19.1         | 1009.7 | 0.51 | 0.0          | 0.000       | 0.001       | 23.4       |
| 1/09/18 | 4:30p  | 18.2        | 18.4       | 17.9        | 96         | 17.5       | 1.6           | ESE         | 0.80        | 9.7         | SE        | 18.2          | 18.8          | 18.8         | 1009.6 | 0.00 | 0.0          | 0.003       | 0.000       | 23.3       |
| 1/09/18 | 5:00p  | 18.4        | 18.4       | 18.2        | 96         | 17.7       | 0.0           | SE          | 0.00        | 4.8         | ESE       | 18.4          | 19.1          | 19.1         | 1009.7 | 0.00 | 0.0          | 0.000       | 0.001       | 23.2       |
| 1/09/18 | 5:30p  | 18.6        | 18.6       | 18.4        | 96         | 17.9       | 0.0           | W           | 0.00        | 1.6         | ESE       | 18.6          | 19.3          | 19.3         | 1010.4 | 1.02 | 2.8          | 0.000       | 0.005       | 23.2       |
| 1/09/18 | 6:00p  | 17.8        | 18.6       | 17.8        | 96         | 17.1       | 0.0           | E           | 0.00        | 8.0         | ESE       | 17.8          | 18.3          | 18.3         | 1010.7 | 8.64 | 51.8         | 0.012       | 0.000       | 23.1       |
| 1/09/18 | 6:30p  | 17.3        | 17.8       | 17.3        | 96         | 16.6       | 0.0           | SE          | 0.00        | 1.6         | ESE       | 17.3          | 17.8          | 17.8         | 1010.1 | 1.02 | 4.6          | 0.022       | 0.000       | 22.9       |
| 1/09/18 | 7:00p  | 17.0        | 17.3       | 17.0        | 96         | 16.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 17.0          | 17.4          | 17.4         | 1010.8 | 0.00 | 0.0          | 0.028       | 0.000       | 22.8       |
| 1/09/18 | 7:30p  | 16.9        | 17.1       | 16.9        | 97         | 16.4       | 0.0           | SE          | 0.00        | 1.6         | SE        | 16.9          | 17.3          | 17.3         | 1011.3 | 0.00 | 0.0          | 0.030       | 0.000       | 22.7       |
| 1/09/18 | 8:00p  | 16.8        | 17.0       | 16.8        | 97         | 16.4       | 0.0           | ESE         | 0.00        | 1.6         | SE        | 16.8          | 17.3          | 17.3         | 1012.2 | 0.00 | 0.0          | 0.031       | 0.000       | 22.6       |
| 1/09/18 | 8:30p  | 16.9        | 16.9       | 16.8        | 97         | 16.4       | 0.0           | ---         | 0.00        | 0.0         | ---       | 16.9          | 17.3          | 17.3         | 1012.8 | 0.00 | 0.0          | 0.030       | 0.000       | 22.5       |
| 1/09/18 | 9:00p  | 17.1        | 17.1       | 16.9        | 98         | 16.7       | 0.0           | ---         | 0.00        | 0.0         | ---       | 17.1          | 17.6          | 17.6         | 1013.4 | 0.00 | 0.0          | 0.027       | 0.000       | 22.4       |
| 1/09/18 | 9:30p  | 17.1        | 17.2       | 17.1        | 98         | 16.8       | 0.0           | ESE         | 0.00        | 1.6         | ESE       | 17.1          | 17.6          | 17.6         | 1013.9 | 0.00 | 0.0          | 0.025       | 0.000       | 22.4       |
| 1/09/18 | 10:00p | 17.2        | 17.2       | 17.1        | 98         | 16.8       | 0.0           | N           | 0.00        | 1.6         | WNW       | 17.2          | 17.7          | 17.7         | 1014.1 | 0.00 | 0.0          | 0.024       | 0.000       | 22.4       |
| 1/09/18 | 10:30p | 17.3        | 17.3       | 17.1        | 98         | 17.0       | 0.0           | W           | 0.00        | 3.2         | W         | 17.3          | 17.8          | 17.8         | 1014.2 | 0.00 | 0.0          | 0.022       | 0.000       | 22.3       |
| 1/09/18 | 11:00p | 17.3        | 17.4       | 17.2        | 98         | 17.0       | 0.0           | N           | 0.00        | 1.6         | WSW       | 17.3          | 17.8          | 17.8         | 1014.0 | 0.00 | 0.0          | 0.022       | 0.000       | 22.3       |
| 1/09/18 | 11:30p | 17.2        | 17.3       | 17.2        | 98         | 16.9       | 0.0           | E           | 0.00        | 1.6         | E         | 17.2          | 17.7          | 17.7         | 1013.4 | 0.00 | 0.0          | 0.023       | 0.000       | 22.2       |
| 2/09/18 | 12:00a | 17.3        | 17.3       | 17.2        | 98         | 17.0       | 0.0           | E           | 0.00        | 3.2         | E         | 17.3          | 17.8          | 17.8         | 1012.9 | 0.00 | 0.0          | 0.022       | 0.000       | 22.2       |

| Date    | Time   | In Hum | In Dew | In Heat | In EMC | In Air Density | Wind Samp | Wind Tx | ISS Recept | Arc. Int. |
|---------|--------|--------|--------|---------|--------|----------------|-----------|---------|------------|-----------|
| 1/09/18 | 12:30a | 75     | 17.8   | 23.1    | 14.40  | .0730          | 692       | 1       | 100.0      | 30        |
| 1/09/18 | 1:00a  | 75     | 17.7   | 23.1    | 14.40  | .0730          | 701       | 1       | 100.0      | 30        |
| 1/09/18 | 1:30a  | 75     | 17.7   | 22.9    | 14.41  | .0730          | 702       | 1       | 100.0      | 30        |
| 1/09/18 | 2:00a  | 75     | 17.6   | 22.8    | 14.41  | .0730          | 695       | 1       | 100.0      | 30        |
| 1/09/18 | 2:30a  | 75     | 17.5   | 22.7    | 14.41  | .0731          | 701       | 1       | 100.0      | 30        |
| 1/09/18 | 3:00a  | 75     | 17.5   | 22.7    | 14.41  | .0731          | 702       | 1       | 100.0      | 30        |
| 1/09/18 | 3:30a  | 75     | 17.5   | 22.7    | 14.41  | .0731          | 698       | 1       | 100.0      | 30        |
| 1/09/18 | 4:00a  | 75     | 17.4   | 22.6    | 14.42  | .0731          | 698       | 1       | 100.0      | 30        |
| 1/09/18 | 4:30a  | 75     | 17.4   | 22.5    | 14.42  | .0732          | 702       | 1       | 100.0      | 30        |
| 1/09/18 | 5:00a  | 75     | 17.3   | 22.4    | 14.42  | .0732          | 701       | 1       | 100.0      | 30        |
| 1/09/18 | 5:30a  | 75     | 17.3   | 22.4    | 14.42  | .0732          | 695       | 1       | 100.0      | 30        |
| 1/09/18 | 6:00a  | 75     | 17.3   | 22.4    | 14.42  | .0732          | 702       | 1       | 100.0      | 30        |
| 1/09/18 | 6:30a  | 75     | 17.4   | 22.5    | 14.42  | .0732          | 700       | 1       | 100.0      | 30        |
| 1/09/18 | 7:00a  | 75     | 17.5   | 22.7    | 14.41  | .0732          | 693       | 1       | 100.0      | 30        |
| 1/09/18 | 7:30a  | 73     | 18.1   | 24.1    | 13.80  | .0729          | 702       | 1       | 100.0      | 30        |
| 1/09/18 | 8:00a  | 71     | 18.0   | 24.6    | 13.27  | .0728          | 696       | 1       | 100.0      | 30        |
| 1/09/18 | 8:30a  | 71     | 17.9   | 24.4    | 13.28  | .0728          | 694       | 1       | 100.0      | 30        |
| 1/09/18 | 9:00a  | 71     | 17.8   | 24.3    | 13.29  | .0729          | 697       | 1       | 100.0      | 30        |
| 1/09/18 | 9:30a  | 71     | 18.0   | 24.5    | 13.27  | .0728          | 703       | 1       | 100.0      | 30        |
| 1/09/18 | 10:00a | 71     | 18.0   | 24.6    | 13.27  | .0728          | 701       | 1       | 100.0      | 30        |
| 1/09/18 | 10:30a | 71     | 18.1   | 24.7    | 13.26  | .0727          | 690       | 1       | 100.0      | 30        |
| 1/09/18 | 11:00a | 70     | 18.1   | 24.8    | 12.95  | .0727          | 701       | 1       | 100.0      | 30        |
| 1/09/18 | 11:30a | 70     | 18.2   | 24.9    | 12.95  | .0726          | 699       | 1       | 100.0      | 30        |
| 1/09/18 | 12:00p | 70     | 18.2   | 24.9    | 12.95  | .0726          | 694       | 1       | 100.0      | 30        |
| 1/09/18 | 12:30p | 70     | 18.1   | 24.8    | 12.95  | .0726          | 698       | 1       | 100.0      | 30        |
| 1/09/18 | 1:00p  | 70     | 18.1   | 24.9    | 12.95  | .0725          | 703       | 1       | 100.0      | 30        |
| 1/09/18 | 1:30p  | 70     | 18.1   | 24.8    | 12.95  | .0725          | 701       | 1       | 100.0      | 30        |
| 1/09/18 | 2:00p  | 71     | 18.3   | 24.8    | 13.25  | .0725          | 692       | 1       | 100.0      | 30        |
| 1/09/18 | 2:30p  | 71     | 18.1   | 24.7    | 13.26  | .0725          | 702       | 1       | 100.0      | 30        |
| 1/09/18 | 3:00p  | 71     | 18.0   | 24.6    | 13.27  | .0725          | 703       | 1       | 100.0      | 30        |
| 1/09/18 | 3:30p  | 72     | 18.2   | 24.6    | 13.57  | .0725          | 702       | 1       | 100.0      | 30        |
| 1/09/18 | 4:00p  | 72     | 18.1   | 24.4    | 13.58  | .0726          | 691       | 1       | 100.0      | 30        |
| 1/09/18 | 4:30p  | 72     | 17.9   | 24.2    | 13.59  | .0726          | 703       | 1       | 100.0      | 30        |
| 1/09/18 | 5:00p  | 73     | 18.1   | 24.2    | 13.80  | .0726          | 702       | 1       | 100.0      | 30        |
| 1/09/18 | 5:30p  | 73     | 18.1   | 24.1    | 13.80  | .0727          | 696       | 1       | 100.0      | 30        |
| 1/09/18 | 6:00p  | 73     | 18.0   | 23.9    | 13.81  | .0727          | 698       | 1       | 100.0      | 30        |
| 1/09/18 | 6:30p  | 73     | 17.8   | 23.7    | 13.82  | .0728          | 703       | 1       | 100.0      | 30        |
| 1/09/18 | 7:00p  | 74     | 17.9   | 23.6    | 14.13  | .0728          | 702       | 1       | 100.0      | 30        |
| 1/09/18 | 7:30p  | 74     | 17.8   | 23.4    | 14.14  | .0729          | 692       | 1       | 100.0      | 30        |
| 1/09/18 | 8:00p  | 74     | 17.7   | 23.3    | 14.14  | .0730          | 703       | 1       | 100.0      | 30        |
| 1/09/18 | 8:30p  | 74     | 17.6   | 23.2    | 14.15  | .0731          | 700       | 1       | 100.0      | 30        |
| 1/09/18 | 9:00p  | 74     | 17.6   | 23.1    | 14.15  | .0731          | 694       | 1       | 100.0      | 30        |
| 1/09/18 | 9:30p  | 75     | 17.8   | 23.1    | 14.40  | .0731          | 702       | 1       | 100.0      | 30        |
| 1/09/18 | 10:00p | 75     | 17.7   | 23.1    | 14.40  | .0732          | 702       | 1       | 100.0      | 30        |
| 1/09/18 | 10:30p | 75     | 17.7   | 22.9    | 14.41  | .0732          | 696       | 1       | 100.0      | 30        |
| 1/09/18 | 11:00p | 75     | 17.6   | 22.8    | 14.41  | .0732          | 698       | 1       | 100.0      | 30        |
| 1/09/18 | 11:30p | 75     | 17.6   | 22.8    | 14.41  | .0732          | 703       | 1       | 100.0      | 30        |
| 2/09/18 | 12:00a | 75     | 17.6   | 22.8    | 14.41  | .0731          | 702       | 1       | 100.0      | 30        |