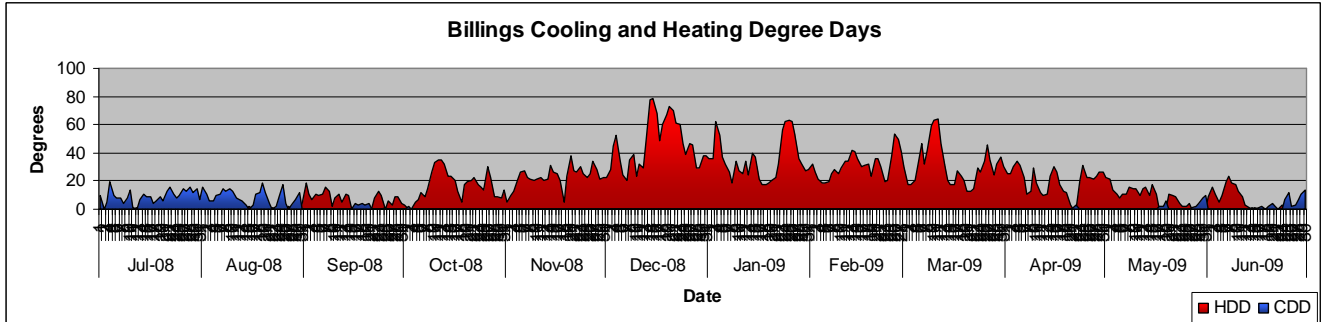
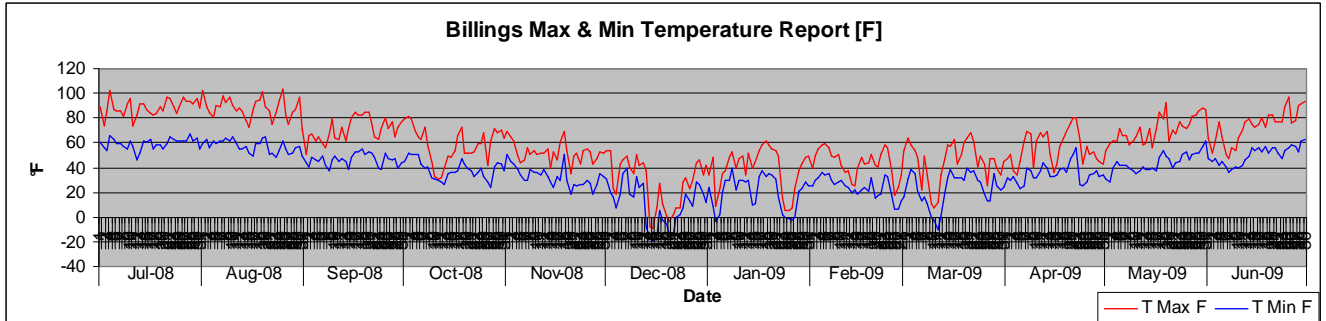


# Billings, MT

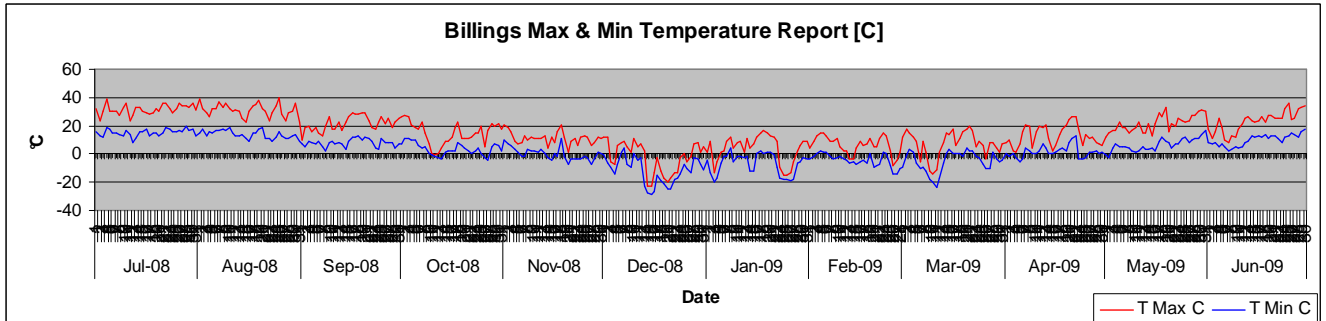
## Weather Charts



Avg. T°[F] per month



Avg. T°[C] per month



## Weather Breakdown

| Month/Yr | hrs/yr <46[F] | Avg[F] <46[F] | hrs/yr <60[F] | Avg[F] <60[F] | HDD/yr | CDD/yr | hrs/yr >65[F] | Avg[F] >65[F] | hrs/yr >75[F] | Avg[F] >75[F] |
|----------|---------------|---------------|---------------|---------------|--------|--------|---------------|---------------|---------------|---------------|
|          | 3,960         | 31            | 6,120         | 39            | 6,738  | 667    | 2,064         | 73            | 648           | 79            |
| Month    | hrs <46 [F]   | Avg[F] <46    | hrs <60 [F]   | Avg[F] <60    | HDD    | CDD    | hrs >65 [F]   | Avg[F] >65    | hrs >75 [F]   | Avg[F] >75    |
| Jul-2008 | 0             |               | 0             |               | 1      | 284    | 696           | 75            | 264           | 79            |
| Aug-2008 | 0             |               | 0             |               | 9      | 255    | 648           | 74            | 312           | 79            |
| Sep-2008 | 0             |               | 456           | 55            | 208    | 19     | 144           | 68            | 0             |               |
| Oct-2008 | 288           | 38            | 672           | 47            | 513    | 2      | 24            | 67            | 0             |               |
| Nov-2008 | 624           | 40            | 720           | 42            | 677    | 0      | 0             |               | 0             |               |
| Dec-2008 | 744           | 19            | 744           | 19            | 1,411  | 0      | 0             |               | 0             |               |
| Jan-2009 | 648           | 27            | 744           | 30            | 1,086  | 0      | 0             |               | 0             |               |
| Feb-2009 | 576           | 32            | 672           | 34            | 867    | 0      | 0             |               | 0             |               |
| Mar-2009 | 576           | 30            | 744           | 34            | 957    | 0      | 0             |               | 0             |               |
| Apr-2009 | 432           | 39            | 648           | 43            | 586    | 4      | 48            | 67            | 0             |               |
| May-2009 | 48            | 44            | 456           | 52            | 265    | 35     | 192           | 69            | 0             |               |
| Jun-2009 | 24            | 42            | 264           | 51            | 158    | 68     | 312           | 70            | 72            | 77            |

The City Heating Season chart depicts the normal months of the year when your sites heating system is in operation. It is not unusual in many areas of the country that your normal site heating system may operate prior to October or after May. When the AMS Waste Heat Recovery Unit is in operation will be up to the individual site regulated by temperature setting.

| City Heating Season |                         |                         |
|---------------------|-------------------------|-------------------------|
| Heating Mo's        | Hr's $\leq 60F^{\circ}$ | Avg $F^{\circ} \leq 60$ |
| Oct-2008            | 672                     | 47                      |
| Nov-2008            | 720                     | 42                      |
| Dec-2008            | 744                     | 19                      |
| Jan-2009            | 744                     | 30                      |
| Feb-2009            | 672                     | 34                      |
| Mar-2009            | 744                     | 34                      |
| Apr-2009            | 648                     | 43                      |
| May-2009            | 456                     | 52                      |
| <b>Total</b>        | <b>5,400</b>            | <b>38</b>               |

## Cost Savings

These are examples only. There are many variables that affect the actual outcomes. These would include GPM, temperature of incoming liquid and make-up, fan cfm, size restrictions, current cost of current heating fuel and type of plant heat used. Each AMS Waste Heat Recovery Package Unit is tailor designed to your specific site and needs so that we get the most MMBTU's from your waste heat, heat that is currently going out the stack. Many times, depending upon a sites waste heat availability, multiple units can be deployed multiplying the savings.

|  |                |
|--|----------------|
| Fuel cost/unit                                 | \$7.5000       |
| Fuel BTU/unit                                  | 1000000        |
| Efficiency rating of heater                    | 65.00%         |
| <b>Total effective cost of heat in MMBTU**</b> | <b>\$11.54</b> |

Example 1:

|   |                    |
|---|--------------------|
| MMBTU/hr                                  | 0.430              |
| hrs ambient temp $< 60$ deg F/yr Sept-May | 5856               |
| Cost of heat/MMBTU**                      | \$11.54            |
| <b>Total savings/yr</b>                   | <b>\$29,054.77</b> |

Example 2:

|   |                    |
|---|--------------------|
| MMBTU/hr                                  | 0.713              |
| hrs ambient temp $< 60$ deg F/yr Sept-May | 5856               |
| Cost of heat/MMBTU**                      | \$11.54            |
| <b>Total savings/yr</b>                   | <b>\$48,176.86</b> |

\*\*Cost of heat in MMBTU: Assumption: Gas Fuel Steam Heat at \$7.50/unit