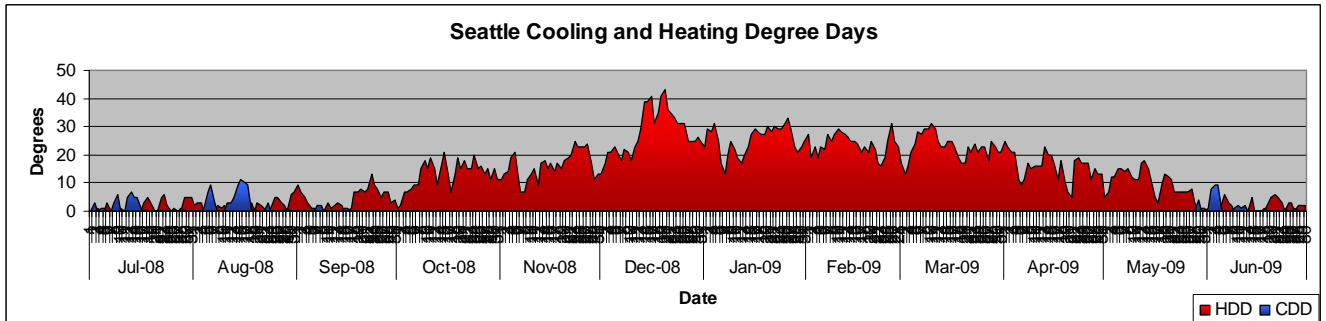
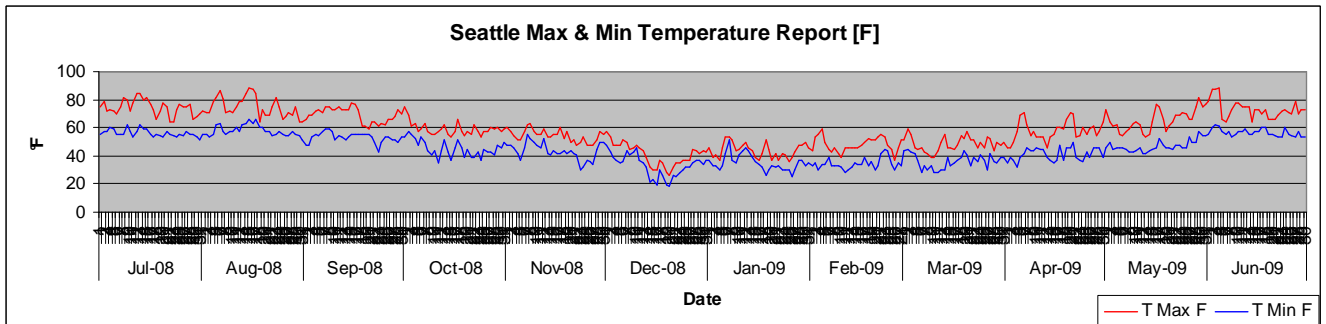


# Seattle, WA

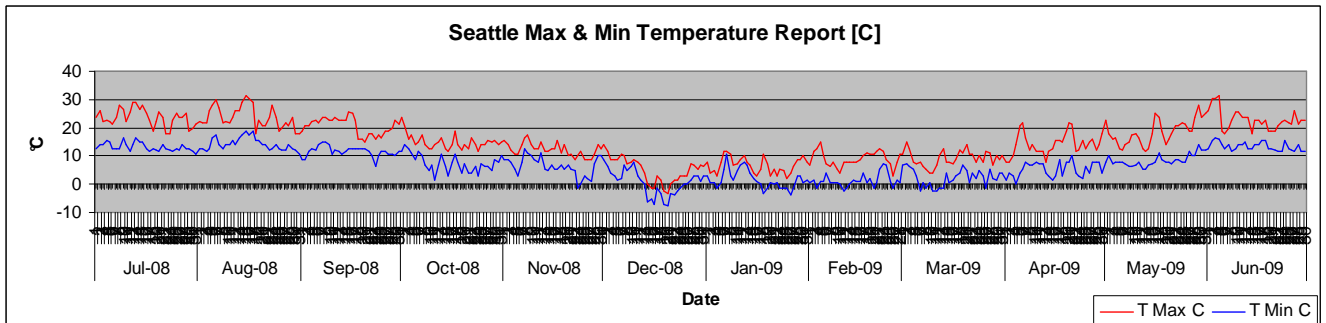
## Weather Charts



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]
	2,808	39	6,360	47	4,940	159	984	69	24	76
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		144	60	45	38	264	68	0	
Aug-2008	0		96	59	51	75	336	70	24	76
Sep-2008	0		336	57	131	6	96	67	0	
Oct-2008	48	45	696	51	402	0	0		0	
Nov-2008	168	42	720	49	482	0	0		0	
Dec-2008	648	35	744	37	864	0	0		0	
Jan-2009	648	39	744	40	781	0	0		0	
Feb-2009	552	40	672	41	664	0	0		0	
Mar-2009	576	41	744	42	704	0	0		0	
Apr-2009	168	43	720	49	472	0	0		0	
May-2009	0		624	54	291	4	24	69	0	
Jun-2009	0		120	60	53	36	264	68	0	

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.

Seattle Heating Season		
Heating Mo's	Hr's $\leq 60F^{\circ}$	Avg $F^{\circ} \leq 60$
Oct-2008	696	51
Nov-2008	720	49
Dec-2008	744	37
Jan-2009	744	40
Feb-2009	672	41
Mar-2009	744	42
Apr-2009	720	49
May-2009	624	54
<b>Total</b>	<b>5,664</b>	<b>46</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	5664
Cost of heat/MMBTU**	\$11.54
<b>Total savings/yr</b>	<b>\$28,102.15</b>

Example 2:

MMBTU/hr	0.713
hrs ambient temp $< 60$ deg F/yr	5664
Cost of heat/MMBTU**	\$11.54
<b>Total savings/yr</b>	<b>\$46,597.29</b>

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