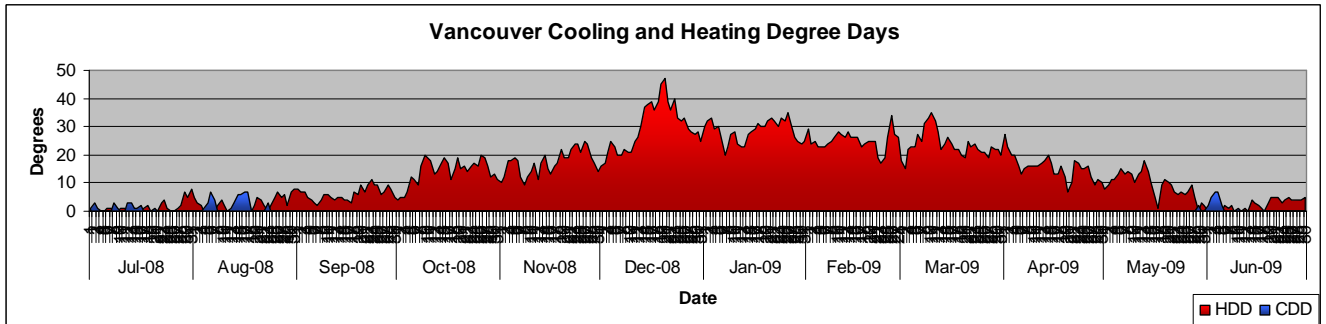
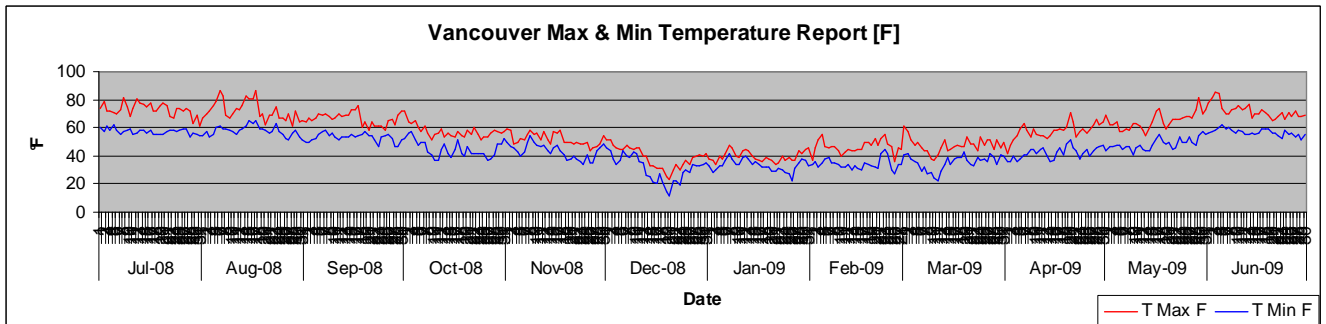


# Vancouver, BC

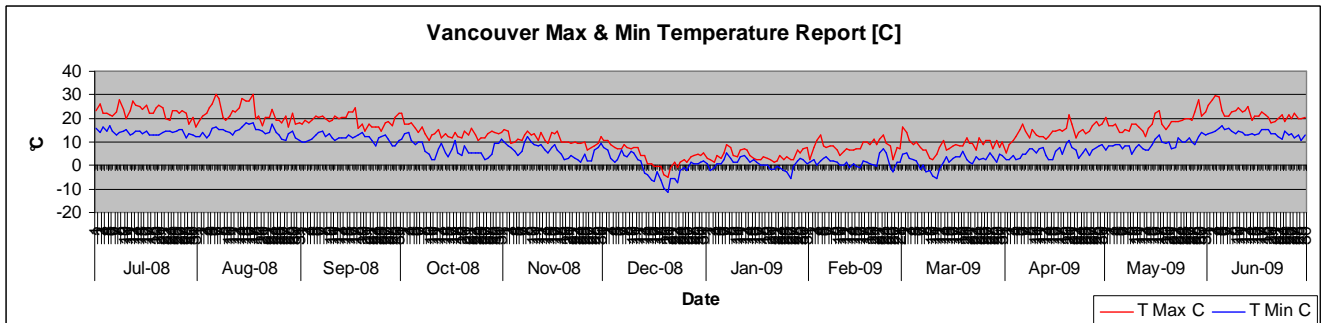
## Weather Charts



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 >65[F]	Avg[F] >65[F]	hrs >75[F]	Avg[F] >75[F]
	3,048	38	6,624	46	5,294	94	696	68		
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		72	58	38	20	264	67	0	
Aug-2008	0		192	59	73	48	264	69	0	
Sep-2008	0		528	58	184	0	0		0	
Oct-2008	48	45	720	51	436	0	0		0	
Nov-2008	192	42	720	48	518	0	0		0	
Dec-2008	696	34	744	35	918	0	0		0	
Jan-2009	744	37	744	37	881	0	0		0	
Feb-2009	600	39	672	40	699	0	0		0	
Mar-2009	648	40	744	41	733	0	0		0	
Apr-2009	120	43	720	50	464	0	0		0	
May-2009	0		648	55	283	2	24	67	0	
Jun-2009	0		120	60	67	24	144	69	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.

City Heating Season		
Heating Mo's	Hr's ≤60F <sup>o</sup>	Avg F <sup>o</sup> ≤60
Oct-2008	720	51
Nov-2008	720	48
Dec-2008	744	35
Jan-2009	744	37
Feb-2009	672	40
Mar-2009	744	41
Apr-2009	720	50
May-2009	648	55
<b>Total</b>	<b>5,712</b>	<b>44</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	6240
Cost of heat/MMBTU**	\$11.54
<b>Total savings/yr</b>	<b>\$30,960.00</b>

Example 2:

MMBTU/hr	0.713
hrs ambient temp <60 deg F/yr Sept-May	6240
Cost of heat/MMBTU**	\$11.54
<b>Total savings/yr</b>	<b>\$51,336.00</b>

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