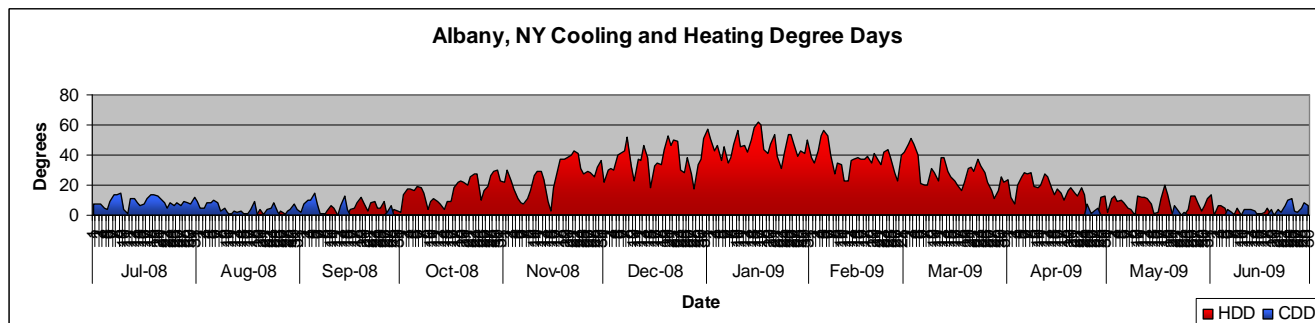
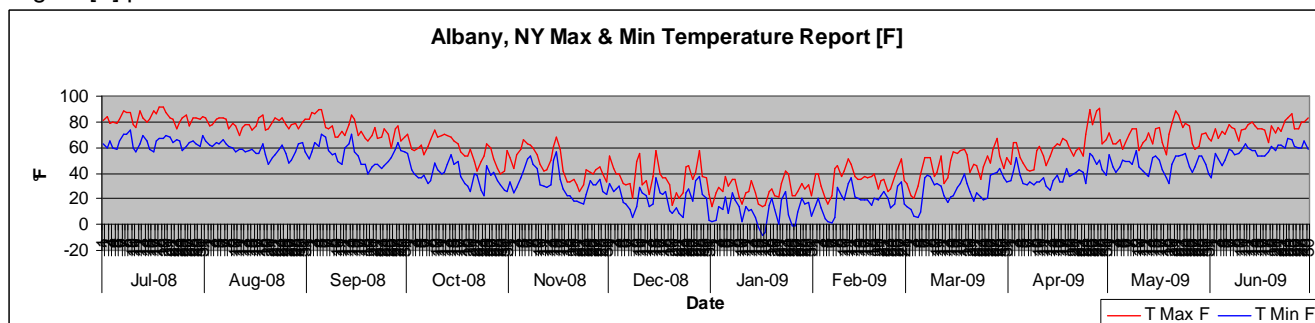


# Albany, NY

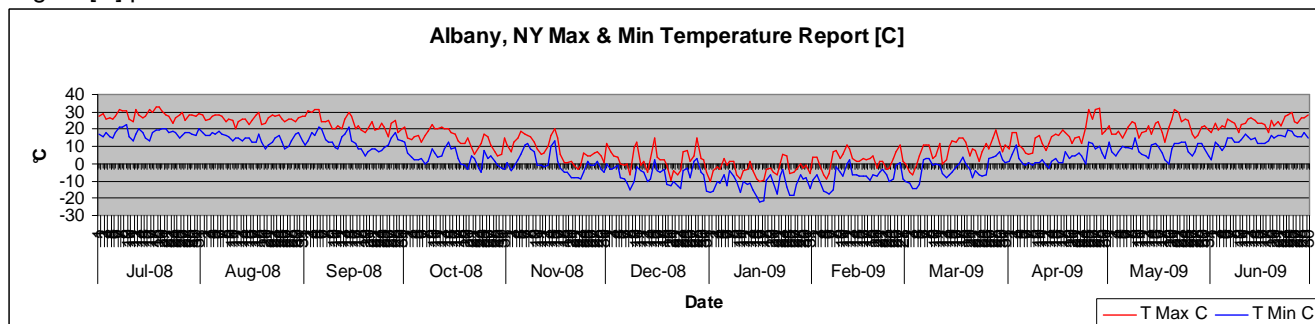
## Weather Charts



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]
	3,768	29	5,760	38	6,621	589	2,280	71	336	78
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		0	270	744	74	264	78
Aug-2008	0		0		10	124	624	70	0	
Sep-2008	0		264	58	97	84	312	71	48	79
Oct-2008	264	40	672	47	517	0	0		0	
Nov-2008	504	34	696	39	757	0	0		0	
Dec-2008	696	27	744	29	1,126	0	0		0	
Jan-2009	744	18	744	18	1,442	0	0		0	
Feb-2009	672	28	672	28	1,045	0	0		0	
Mar-2009	648	34	744	37	883	0	0		0	
Apr-2009	216	40	624	47	473	16	96	69	0	
May-2009	24	45	456	54	225	13	96	68	0	
Jun-2009	0		144	58	46	82	408	70	24	76

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 Month	Hr's $\leq 60F^{\circ}$	Avg $F^{\circ} \leq 60$
Oct-2008	672	47
Nov-2008	696	39
Dec-2008	744	29
Jan-2009	744	18
Feb-2009	672	28
Mar-2009	744	37
Apr-2009	624	47
May-2009	456	54
<b>Total</b>	<b>5,352</b>	<b>37</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	5352
Cost of heat/MMBTU**	\$11.54
<b>Total savings/yr</b>	<b>\$26,554.15</b>

Example 2:

MMBTU/hr	0.713
hrs ambient temp <60 deg F/yr	5352
Cost of heat/MMBTU**	\$11.54
<b>Total savings/yr</b>	<b>\$44,030.49</b>

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