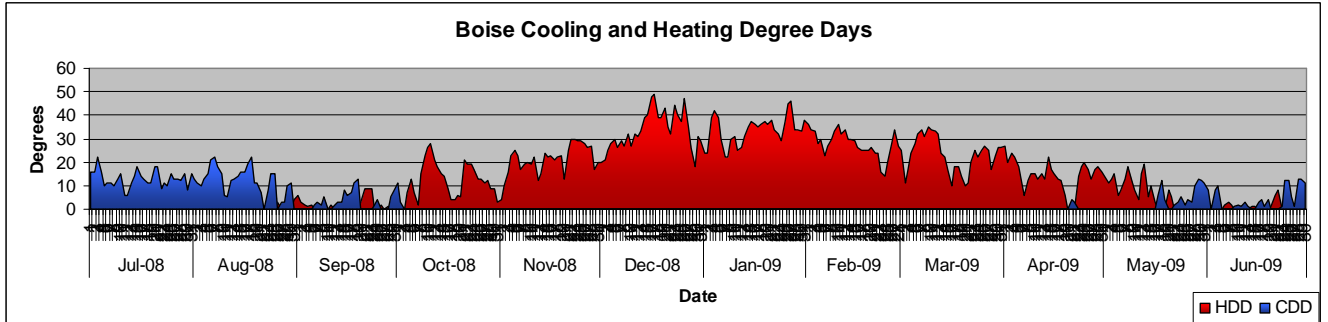
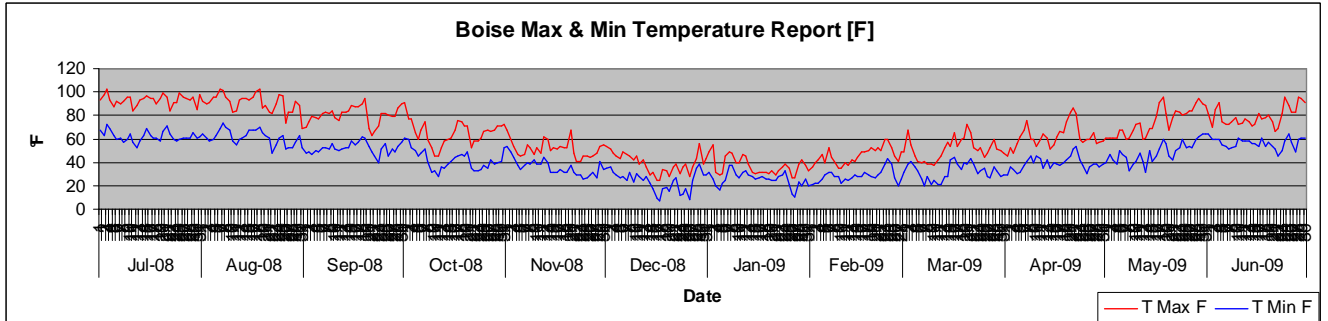


Boise, ID

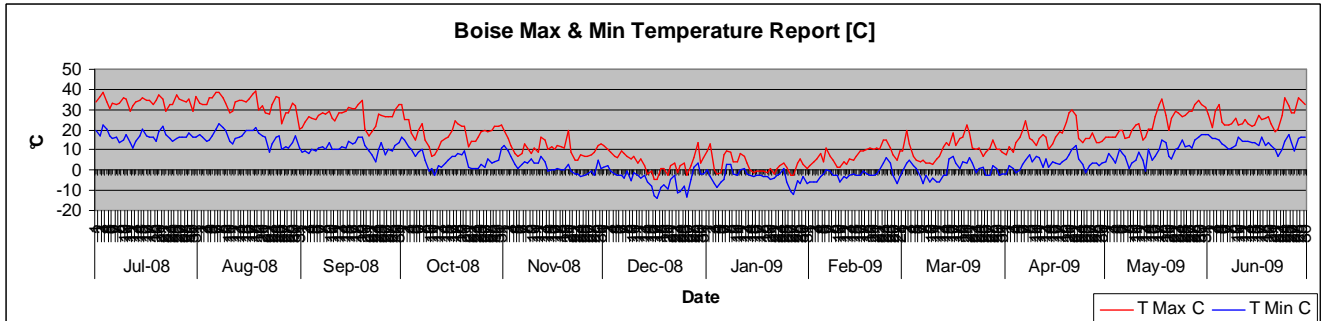
Weather Charts



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]
	3,336	35	5,352	42	5,258	1,063	2,688	74	1,344	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		0	401	744	78	576	79
Aug-2008	0		0		7	355	672	78	480	80
Sep-2008	0		96	57	49	85	384	70	48	77
Oct-2008	120	41	576	50	363	14	48	72	24	76
Nov-2008	480	40	696	43	634	0	0		0	
Dec-2008	720	31	744	32	1,032	0	0		0	
Jan-2009	744	32	744	32	1,037	0	0		0	
Feb-2009	624	36	672	37	779	0	0		0	
Mar-2009	504	38	744	42	716	0	0		0	
Apr-2009	144	43	648	49	430	7	48	69	0	
May-2009	0		384	54	187	87	312	72	96	77
Jun-2009	0		48	58	24	114	480	71	120	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 ≤60F ^o	Avg F ^o ≤60
Oct-2008	576	50
Nov-2008	696	43
Dec-2008	744	32
Jan-2009	744	32
Feb-2009	672	37
Mar-2009	744	42
Apr-2009	648	49
May-2009	384	54
Total	5,208	42

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%
Total effective cost of heat in MMBTU**	\$11.54

Example 1:

MMBTU/hr	0.430
hrs ambient temp <60 deg F/yr	5208
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$25,839.69

Example 2:

MMBTU/hr	0.713
hrs ambient temp <60 deg F/yr	5208
Cost of heat/MMBTU**	\$11.54
Total savings/yr	\$42,845.82

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