

Heating Degree Days through November 2018

	2013		2014		2015		2016		2017		2018		2007-2017 AVG	
	HDD	AVG TEMP	HDD	AVG TEMP	HDD	AVG TEMP	HDD	AVG TEMP	HDD	AVG TEMP	HDD	AVG TEMP	HDD	AVG TEMP
JANUARY	781	39.8	664	43.6	610	45.3	656	43.8	792	39.5	608	45.4	701	42.4
FEBRUARY	548	45.4	653	41.7	442	49.2	494	48.0	626	42.7	626	42.6	571	44.8
MARCH	523	48.1	495	49.0	451	50.5	487	49.3	552	47.2	567	46.7	546	47.4
APRIL	405	51.5	354	53.3	488	48.7	260	56.7	419	51.0	399	51.7	418	51.1
MAY	208	58.8	158	60.5	175	59.6	150	60.6	226	58.2	153	60.4	232	57.8
JUNE	57	64.5	82	62.5	28	67.9	90	63.6	98	62.9	104	62.5	104	62.6
JULY	17	67.2	5	69.3	2	71.1	14	66.5	13	66.3	12	69.0	23	67.1
AUGUST	6	68.0	6	70.2	9	68.2	21	67.4	7	68.2	25	66.7	23	67.1
SEPTEMBER	116	61.9	72	62.9	145	60.4	144	60.2	112	62.8	153	60.0	117	61.6
OCTOBER	438	50.9	244	57.1	247	57.0	334	54.2	398	52.2	504	48.7	354	53.6
NOVEMBER	562	46.3	600	45.0	609	44.7	418	51.1	542	46.9	542	46.9	547	46.8
DECEMBER	771	40.1	641	44.3	661	43.7	790	39.5	748	40.9			727	41.5
TOTAL:	4,432		3,974		3,866		3,857		4,533		3,692			
AVG.		53.5		55.0		55.5		55.1		53.2		54.6		

Based on the above information:

November 2018's average temperatures were approximately 1.8 degrees **cooler** than October 2018.

November 2018 was approximately 8% **cooler** than October 2018. (HDD)

HDDs in November 2018 and 2017 were the same.

Year-to-date temperatures are approximately 2.4% **warmer** than the same period last year. (HDD)

Heating Degree Days (HDDs) definition:

A Heating Degree Day is a measure of the demand for energy needed to heat a building, based on the assumption that when the outside temperature is 65°F, no heating is needed to be comfortable.

If the daily average temperature is below 65°F, Heating Degree Days = 65 minus the daily average temperature.

If the daily average temperature is above 65°F, Heating Degree Days = zero.

The monthly HDDs reported here = the sum of HDDs calculated for each day of the month.