

**Summit Natural Gas of Missouri, Inc.
Property Tax Accounting Order Calculations
Heating Degree Day Adjustment**

	Springfield AP	St. Joseph AP
30 Year Normal HDD	4602	5345
2011		
2011 HDD's	4587	5453
Percent of actual to normal	99.67%	102.02%
2012		
2011 HDD's	3650	4448
Percent of actual to normal	79.31%	83.22%

Summit Natural Gas of Missouri
Material Balance - Rogersville (Legacy and Lebanon)
for the period September, 2010 - February, 2013
Volumes in Dth

Receipts (4)		Dispositions (Dth) (note 3)										Read Dates (2)	System loss (gain)	12-month running system loss	12 month percent
Month	Southern Star Receipts - Dth	GS-Res	GS-Res-Opt	GS-Comm	GS-Comm-Opt	LGS	LVS	total	transport (5)	Total Dispositions	Adjustments for cycle Billing (1)	Adjusted Dispositions			
September 2010	64,914								46,049	46,049	(2,913)	43,136		21,778	
October	81,236								44,354	44,354		44,354		36,882	
November	129,313								46,354	46,354		46,354		82,959	
December	243,941								53,385	53,385		53,385		190,556	
January 2011	270,981	63,733	37,380	40,170	1,737	9,861	30,424	183,305	76,659	259,964		259,964	1/14/11	11,017	
February	216,411	56,433	34,162	37,811	1,552	12,110	33,059	175,127	81,963	257,090		257,090	2/11/11	(40,679)	
March	174,045	36,551	22,941	25,794	1,069	4,260	15,344	105,959	71,654	177,613		177,613	3/11/11	(3,568)	
April	97,951	28,900	18,408	18,035	813	5,887	10,153	82,196	67,586	149,782		149,782	4/13/11	(51,831)	
May	94,805	12,756	7,991	9,283	310	2,609	8,867	41,816	49,348	91,164		91,164	5/12/11	3,641	
June	90,443	8,054	4,741	9,039	215	1,928	6,464	30,441	51,591	82,032		82,032	6/14/11	8,411	
July	62,702	3,947	2,350	6,445	144	1,165	4,678	18,729	63,603	82,332		82,332	7/14/11	(19,630)	
August	84,849	3,286	2,045	5,989	144	1,582	6,433	19,479	40,183	59,662	17,022	76,684	8/12/11	8,165	247,701 15.37%
September	86,796	4,039	2,388	6,916	154	2,184	6,876	22,557	57,768	80,325	(17,022)	63,303	9/9/11	23,493	249,417 15.27%
October	101,783	8,201	5,070	10,482	285	3,264	8,828	36,130	51,459	87,589		87,589	10/13/11	14,194	226,729 13.71%
November	171,559	16,295	10,306	13,587	453	6,131	15,009	61,781	66,372	128,153		128,153	11/9/11	43,406	187,176 11.03%
December	232,445	33,653	22,568	27,966	1,200	9,939	20,856	116,182	77,842	194,024		194,024	12/9/11	38,421	35,041 2.08%
January 2012	251,594	52,423	36,544	36,928	4,294	14,499	17,407	162,085	85,784	247,869		247,869	1/12/11	3,725	27,748 1.67%
February	216,032	47,258	33,420	32,400	3,926	12,739	17,437	147,180	80,442	227,622		227,622	2/11/12	(11,590)	56,837 3.41%
March	124,019	34,375	25,473	22,938	2,875	13,217	15,077	113,955	62,925	176,880		176,880	3/12/12	(52,861)	7,544 0.47%
April	107,835	13,790	9,744	10,319	1,093	5,032	8,993	48,971	65,839	114,810		114,810		(6,975)	52,400 3.22%
May	86,672	9,156	6,315	7,300	681	5,424	7,614	36,490	55,869	92,359		92,359		(5,687)	43,072 2.66%
June	83,391	5,260	3,536	6,591	498	3,705	6,043	25,633	56,913	82,546		82,546		845	35,506 2.21%
July	91,370	4,695	3,113	6,116	498	3,051	4,758	22,231	67,179	89,410		89,410		1,960	57,096 3.48%
August	103,783	3,954	2,666	5,707	332	2,706	5,259	20,624	78,259	98,883	13,544	112,427		(8,644)	40,287 2.43%
September	87,993	4,448	3,027	6,335	391	3,821	5,350	23,373	61,187	84,560		84,560		3,433	20,227 1.22%
October	131,903	6,665	4,538	6,668	583	4,632	4,706	27,791	67,923	95,714		95,714		36,189	42,222 2.50%
November	168,179	20,380	14,402	14,714	1,397	8,224	9,042	68,159	67,964	136,123		136,123		32,056	30,872 1.83%
December	227,653	29,314	22,343	20,176	2,466	12,342	9,810	96,451	79,587	176,038		176,038		51,615	44,066 2.62%
January 2013	285,269	52,110	38,772	36,472	4,522	16,691	13,994	162,561	95,125	257,686		257,686		27,583	67,924 3.96%
February	254,739	51,054	39,453	33,966	4,850	18,821	19,471	167,614	84,390	252,004		252,004		2,735	82,249 4.69%
March															
1,657,279												Annual loss (gain)			40,287
												Annual loss (gain) percent			2.43%

- Notes: (1) Unbilled volume taken from monthly revenue Summaries, tabs entitled "unbilled Daily 142" and unbilled daily 16949"
(2) Read dates taken from Measurement Days tab.
(3) Volumes by customer class taken from consumption report for periods beginning in January 2012; from the monthly tabs for previous periods.
(4) Data taken from "daily Mcf-MMBTU receipts" tab
(5) Volumes in BTU, converted to Mcf, taken from consumption report for periods beginning in January 2012; from the monthly tabs for previous periods.

Summit Natural Gas of Missouri
Material Balance - Aurora (Branson)
for the period September, 2010 - December, 2012
Volumes in Dth

Receipts (4)		Dispositions (Dth) (Note 3)						total	transport (5)	Adjustments		Adjusted Dispositions	Read Dates (2)	System loss (gain)	12-month running system loss	12 month percent
Month	Southern Star Receipts - Dth	GS-Res	GS-Res-Opt	GS-Comm	GS-Comm-Opt	LGS	LVS			Total Dispositions	for cycle Billing (1)					
September 2010	-									-	-	-	-	-		
October	-									-	-	-	-	-		
November	1,761									-	-	-	-	-		
December	1,690									-	-	-	-	-		
January 2011	19,451	50	6	85		25		166	-	166		166	1/13/11	19,285		
February	21,547	570	26	359		184		1,139	17,848	18,987		18,987	2/4/11	2,560		
March	21,288	532	41	548		1,287		2,408	15,053	17,461	(2,864)	14,597	3/4/11	6,691		
April	17,823	459	55	2,672		6,038		9,224	15,209	24,433		24,433	4/14/11	(6,610)		
May	19,446	227	35	1,392		4,056		5,704	11,020	16,724		16,724	5/12/11	2,722		
June	18,694	161	20	1,829	1	6,917		8,968	11,635	20,583		20,583	6/15/11	(1,889)		
July	17,988	98	10	1,505	1	6,901		8,515	10,830	19,345		19,345	7/15/11	(1,357)		
August	16,372	93	8	1,450	2	6,383		7,936	8,963	16,899	6,132	23,031	8/12/11	(6,659)		
September	21,331	91	9	1,380	2	6,448		7,930	11,308	19,238		19,238	9/9/11	2,093		
October	26,906	198	28	2,469	2	8,645		11,342	14,259	25,601		25,601	10/14/11	1,305	21,592	10.57%
November	31,955	569	96	2,240	4	9,248		12,157	16,547	28,704		28,704	11/10/11	3,251	23,082	9.84%
December	36,874	1,322	193	3,600	26	10,339		15,480	17,382	32,862		32,862	12/9/11	4,012	25,404	9.42%
January 2012	41,234	2,215	419	4,384	135	11,339		18,492	21,407	39,899		39,899	1/13/12	1,335	7,454	2.56%
February	31,604	1,844	329	3,038	115	7,231		12,557	19,275	31,832		31,832	2/10/12	(228)	4,667	1.55%
March	25,686	1,542	322	2,758	91	7,592		12,305	16,547	28,852		28,852	3/8/12	834	(1,198)	-0.38%
April	27,896	645	119	2,980	49	9,246		13,039	15,367	28,406		28,406		(510)	4,910	1.53%
May	28,482	429	64	2,506	24	8,424		11,447	15,144	26,591		26,591		1,891	4,079	1.24%
June	27,876	278	44	2,995	24	10,600		13,941	13,912	27,853		27,853		23	5,990	1.77%
July	24,812	350	42	2,886	24	9,764		13,066	10,270	23,336		23,336		1,476	8,823	2.56%
August	25,975	330	89	3,032	25	10,818		14,225	14,788	25,962		25,962		13	15,495	4.37%
September	25,397	288	39	2,706	26	9,465		12,524	11,725	24,249		24,249		1,148		
October	35,728	426	67	2,875	30	10,249		13,647	17,796	31,443		31,443		4,285		
November	40,511	1,167	213	3,895	65	12,984		18,324	18,999	37,323		37,323		3,188		
December	41,351	1,804	335	4,233	125	13,025		19,521	17,457	36,978		36,978		4,373		
January 2013	46,195							-	25,703	25,703		25,703		20,492		
February	41,686							-	22,476	22,476		22,476		19,210		
March																
354,631									Annual loss (gain)				15,495			
									Annual loss (gain) percent				4.37%			

Notes: (1) Unbilled volume taken from monthly revenue Summaries, tabs entitled "unbilled Daily 142" and unbilled daily 16949"
(2) Read dates taken from Measurement Days tab.
(3) Volumes by customer class taken from consumption report for periods beginning in January 2012; from the monthly tabs for previous periods.
(4) Data taken from "daily Mc-MMBTU receipts" tab
(5) Volumes in BTU, converted to Mct, taken from consumption report for periods beginning in January 2012; from the monthly tabs for previous periods.

Summit Natural Gas of Missouri
Material Balance - Gallatin(North) System
Volumes in Dth

Receipts from TBS Data							Dispositions from Meter Readings																	System Loss (gain)									
Gallatin TBS Receipts			Adjusted Receipts				GS Residential		GS Commercial		CS Commercial		LVS Commercial		Total Retail Sales		Meter Read Date		PSF from MGU Invoices		Timing modifications for transport customers			Adjusted PSF Total		Total Dispositions		Adjusted Difference		12 month totals		12 month percent	
Month	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)	(aa)	(ab)	(ac)	(ad)	(ae)		
		ANR GEMS		(b) + (c)	ANR GEMS	ANR GEMS	(d) + (e) + (f)	consump rpt	consump rpt	consump rpt	consump rpt	(g) + (h)	Bullhorn	Bullhorn	Bullhorn	(i) + (m) + (n)									Σ (h-k)+(p)	(q) - (v)	(r)	(s)					
Apr 2007		10,362		10,362			10,362	4,195	878	1,664	-	6,737	4/2-4/30	4,111		4,111				4,111					10,848	(486)							
May 2007		4,468		4,468			4,468	1,445	366	830	-	2,641	4/30-5/31	3,291		3,291				3,291					5,932	(1,464)							
Jun 2007		3,517		3,517			3,517	652	165	469	-	1,286	5/31-6/29	2,609		2,609				2,609					5,895	(378)							
Jul 2007		3,056		3,056			3,056	485	118	294	-	897	6/29-7/31	2,729		2,729				2,729					3,626	(570)							
Aug 2007		3,849		3,849			3,849	565	139	348	-	1,051	7/31-8/30	2,658		2,658				2,658					3,709	140							
Sep 2007		5,747		5,747			5,747	522	111	745	1,102	2,480	8/30-10/1	2,724		2,724				2,724					5,204	543							
Oct 2007		8,671		8,671			8,671	800	138	1,129	1,274	3,340	10/1-11/1	4,567		4,567				4,567					7,907	764							
Nov 2007		16,157		16,157			16,157	3,147	455	1,287	1,546	6,435	11/1-11/30	5,403		5,403				5,403					11,838	4,319	(1,593)		-1.17%				
Dec 2007		27,077		27,077			27,077	8,706	1,829	3,138	752	14,426	11/30-1/1	6,331		6,331				6,331					20,757	6,320	2,939		2.03%				
Jan 2008		33,155		33,155			33,155	13,811	2,885	6,084	1,901	24,682		7,639		7,639				7,639					32,321	834	(531)		-0.35%				
Feb 2008		29,632		29,632			29,632	13,288	3,026	6,557	2,160	25,030		6,566		6,566				6,566					31,596	(1,964)	1,694		1.07%				
Mar 2008		20,313		20,313			20,313	12,295	2,682	5,193	1,596	21,766		5,081		5,081				5,081					26,847	(6,534)	1,524		0.92%				
Apr 2008		13,636		13,636	9,058	(5,565)	17,129	6,913	1,318	3,220	1,165	12,616		4,582		2,407	(2,382)	4,607						17,223	(94)	1,916		1.11%					
May 2008		7,080		7,080	5,565	(3,459)	9,186	2,462	417	1,081	1,054	5,014		3,695		2,382	(1,955)	4,121						9,135	51	3,431		1.93%					
Jun 2008		5,015		5,015	3,459	(2,581)	5,893	930	149	677	1,081	2,837		2,768		1,955	(1,401)	3,323						6,160	(267)	3,542		1.97%					
Jul 2008		4,788		4,788	2,581	(2,649)	4,720	589	105	731	1,016	2,441		2,687		1,401	(1,433)	2,655						5,096	(376)	3,737		2.06%					
Aug 2008		4,625		4,625	2,649	(2,901)	4,373	590	97	439	905	2,031		2,370		1,433	(1,453)	2,350						4,381	(8)	3,589		1.97%					
Sep 2008		5,327		5,327	2,901	(3,293)	4,935	730	197	529	1,157	2,613		2,420		2,420		2,578						5,191	(256)	2,789		1.54%					
Oct 2008		11,748		11,748	3,293	(7,649)	7,392	961	214	1,743	1,058	3,976		2,945		1,295	(1,759)	2,481						6,457	935	2,260		5.60%					
Nov 2008		22,325		22,325	7,649	(12,684)	17,290	6,089	1,118	4,530	1,449	13,786		3,507		1,759	(1,835)	3,431						17,217	73	(1,286)		-0.71%					
Dec 2008		39,693		39,693	12,684	(23,375)	29,002	13,872	2,920	6,630	1,903	25,325		5,376		1,835	(3,194)	4,017						29,342	(340)	(7,946)		-4.34%					
Jan 2009		39,761		39,761	23,375	(22,091)	41,045	19,775	4,315	8,701	1,633	34,424		5,262		3,194	(2,774)	5,682						40,106	939	(7,842)		-4.11%					
Feb 2009		26,944		26,944	22,091	(17,528)	31,507	16,328	3,467	9,916	1,124	30,835		3,659		2,774	(2,199)	4,234						35,069	(3,562)	(9,439)		-4.90%					
Mar 2009		21,612		21,612	17,528	(9,022)	30,118	15,218	3,125	6,955	1,046	26,344		3,569		2,199	(1,692)	4,075						30,419	(301)	(3,206)		-1.58%					
Apr 2009		14,237		14,237	9,022	(4,242)	19,017	9,173	1,694	4,135	1,117	16,119		2,977		1,692	(1,325)	3,344						19,463	(446)	(3,558)		-1.74%					
May 2009		5,527		5,527	4,242	(2,774)	6,995	2,464	391	1,382	633	4,870		2,290		1,325	(1,217)	2,399						7,269	(274)	(3,883)		-1.92%					
Jun 2009		4,793		4,793	2,774	(1,855)	5,712	1,296	211	622	624	2,753		2,123		1,217	(835)	2,505						5,258	454	(3,162)		-1.55%					
Jul 2009		4,338		4,338	1,855	(1,763)	4,430	853	149	626	795	2,423		1,905		835	(762)	1,978						4,401	29	(2,757)		-1.37%					
Aug 2009		4,473		4,473	1,763	(1,512)	4,724	841	153	537	1,111	2,642		1,821		762	(608)	1,976						4,618	106	(2,642)		-1.31%					
Sep 2009		6,207		6,207	1,512	(3,149)	4,570	826	142	1,004	840	2,812		1,979		608	(771)	1,815						4,627	(57)	(2,443)		-1.21%					
Oct 2009		14,272		14,272	3,149	(5,161)	12,260	3,876	550	2,803	951	8,180	10/20	2,695		771	(986)	2,480						10,660	1,600	(1,779)		-0.86%					
Nov 2009		15,729		15,729	5,161		20,890	5,893	980	3,371	823	11,067	11/21	2,462				3,448						14,515	6,375	4,523		2.15%					
Dec 2009		38,548		38,548			44,022	13,442	3,253	8,097	1,156	25,948	12/20	5,164				5,164						31,112	7,436	12,299		5.60%					
Jan 2010		44,022		44,022			44,022	23,425	5,476	11,368	2,039	42,309	1/23	6,015				48,324						48,324	(4,302)	7,058		3.17%					
Feb 2010		36,199		36,199			36,199	17,984	4,093	8,535	1,601	32,212	2/21	4,907				4,907						37,119	(920)	9,700		4.26%					
Mar 2010		22,163		22,163			22,163	12,519	2,803	5,209	1,618	22,150	3/20	3,065				3,065						25,215	(3,052)	6,950		3.17%					
Apr 2010		8,866		8,866			8,866	5,716	1,164	2,910	1,578	11,369	4/21	2,332				2,332						13,701	(4,835)	2,561		1.22%					
May 2010		7,703		7,703			7,703	2,781	440	1,541	1,325	4,068	5/21	2,357				2,357						8,443	(740)	2,094		1.00%					
Jun 2010		4,815		4,815			4,815	986	186	606	1,237	3,016	6/19	2,048				2,048						4,504	(249)	1,391		0.66%					
Jul 2010		4,449		4,449			4,449	851	188	463	1,194	2,695	7/21	1,884				1,884						4,579	(130)	1,231		0.59%					
Aug 2010		4,476		4,476			4,476	745	197	445	927	2,313	8/21	1,861				1,861						4,174	302	1,426		0.68%					
Sep 2010		7,456		7,456	1,665		9,121	829	226	1,388	1,321	3,764	9/22	1,362		663		2,025						5,788	3,333	4,816		2.26%					
Oct 2010		8,386		8,386			8,386	1,403	328	959	1,476	4,165	10/21	2,653				2,653						6,818	1,568	4,784		2.28%					
Nov 2010		18,799		18,799			18,799	6,549	1,118	2,932	1,654	12,254	11/23	3,645				3,645						15,899	2,900	1,310		0.63%					
Dec 2010		34,112		34,112			34,112	14,806	3,378	5,928	1,910	26,023	12/21	4,983				4,983						31,006	3,106	(3,020)		-1.49%					

Summit Natural Gas of Missouri
Material Balance - Warsaw (South) System
Volumes in Dth

Receipts from TBS Data							Dispositions from Meter Readings										System Loss (gain)			
Month	Warsaw TBS Receipts	adjustment	Adjusted Original	Adjusted Receipts		Adjusted Total	GS Residential	GS Commercial	CS Commercial	LVS Commercial	Transport MGU invoices	Meter Read Date	Timing modifications for transport customers		Adjusted transport Total	Total Dispositions	Adjusted Difference	12 month totals	12 month percent	
	(b)	(c)	(d)	(e)	(f)		(g)	(h)	(i)	(j)	(k)	(l)		(m)	(n)	(o)	(p)	(q)	(r)	(s)
(a)	SSCP		(b) + (c)			(g) + (e) + (f)	consump rpt	consump rpt	consump rpt	consump rpt	Bullhorn		Bullhorn	Bullhorn	(l) + (m) + (n)	Σ (h-k)+(o)	(q) - (p)			
Nov-2009	491		491			491														
Dec 2009	3,211		3,211			3,211	1,015	199	40	387	1,641	-	12/21/09		-	1,641	1,570			
Jan 2010	5,662		5,662			5,662	4,710	1,319	1,265	1,167	8,462	-	1/24/10		-	8,462	(2,800)			
Feb 2010	6,314		6,314			6,314	5,589	2,344	1,596	3,918	13,447	-	2/22/10		-	13,447	(7,133)			
Mar 2010	7,763		7,763			7,763	4,130	1,991	1,233	339	7,694	-	3/21/10		-	7,694	69			
Apr 2010	4,564		4,564			4,564	1,997	1,049	897	687	4,631	-	4/22/10		-	4,631	(67)			
May 2010	3,738		3,738			3,738	1,018	635	595	486	2,733	-	5/22/10		-	2,733	1,005			
Jun 2010	2,369		2,369			2,369	455	574	505	1,115	2,649	-	6/20/10		-	2,649	(280)			
Jul 2010	1,899		1,899			1,899	415	624	548	661	2,247	-	7/22/10		-	2,247	(348)			
Aug 2010	2,183		2,183			2,183	394	522	462	710	2,088	-	8/22/10		-	2,088	95			
Sep 2010	3,030		3,030		822	3,852	433	577	543	998	2,552	-	9/23/10		-	2,552	1,300			
Oct 2010	7,276		7,276			7,276	674	584	538	2,652	4,448	-	10/22/10		-	4,448	2,828			
Nov 2010	10,634		10,634			10,634	2,796	1,348	1,021	4,555	9,720	-	11/24/10		-	9,720	914	(2,848)	-4.79%	
Dec 2010	24,757		24,757			24,757	6,937	3,291	1,826	6,950	19,005	-	12/22/10		-	19,005	5,752	1,335	1.65%	
Jan 2011	27,974		27,974			27,974	9,614	3,955	2,729	11,317	27,615	-	1/23/11		-	27,615	359	4,493	4.35%	
Feb	22,614		22,614			22,614	9,748	3,748	2,550	9,130	24,829	-	2/21/11		-	24,829	(2,215)	9,411	7.87%	
Mar	17,261		17,261			17,261	5,168	2,047	1,610	7,322	16,146	-	3/19/11		-	16,146	1,115	10,457	8.10%	
Apr	8,303		8,303			8,303	3,557	1,504	1,287	8,433	14,781	-	4/21/11		-	14,781	(6,478)	4,046	3.05%	
May	7,863		7,863			7,863	1,854	778	731	6,042	9,405	-	5/21/11		-	9,405	(1,542)	1,500	1.09%	
Jun	2,425		2,425			2,425	684	601	511	2,252	4,048	-	6/20/11		-	4,048	(1,623)	156	0.11%	
Jul	1,442		1,442			1,442	544	592	467	979	2,581	-	7/23/11		-	2,581	(1,139)	(634)	-0.46%	
Aug	1,921		1,921			(845)	1,076	430	459	420	402	1,711	-	8/20/11		-	1,711	(635)	(1,364)	-1.01%
Sep	5,788		5,788		845	6,633	608	557	513	1,958	3,636	-	9/22/11		-	3,636	2,997	333	0.24%	
Oct	6,780		6,780			6,780	1,054	654	583	4,284	6,575	-	10/24/11		-	6,575	205	(2,290)	-1.66%	
Nov	13,667		13,667			13,667	3,197	1,371	1,080	3,464	9,112	-	11/24/11		-	9,112	4,555	1,351	0.96%	
Dec	23,676		23,676			23,676	5,917	4,181	1,801	9,436	21,335	-	12/22/11		-	21,335	2,341	(2,060)	-1.47%	
Jan 2012	21,843		21,843			21,843	7,275	3,356	3,817	7,701	22,149	-	1/23/12		-	22,149	(306)	(2,725)	-2.04%	
Feb	23,148		23,148			23,148	6,950	3,028	2,371	9,329	21,679	-	2/22/12		-	21,679	1,469	959	0.72%	
Mar	8,992		8,992			8,992	3,499	1,748	3,278	7,995	16,520	-	3/22/12		-	16,520	(7,528)	(7,684)	-6.11%	
Apr	7,497		7,497			7,497	1,278	778	678	2,493	5,227	-	4/20/12		-	5,227	2,270	1,064	0.85%	
May	3,729		3,729			3,729	882	755	1,110	3,086	5,832	-	5/18/12		-	5,832	(2,103)	503	0.42%	
Jun	2,269		2,269			2,269	533	661	854	854	2,901	-	6/19/12		-	2,901	(632)	1,494	1.24%	
Jul	1,721		1,721			1,721	467	562	531	823	2,384	-	7/19/12		-	2,384	(663)	1,970	1.63%	
Aug	2,064		2,064			(927)	1,137	428	508	571	299	1,807	-	8/17/12		-	1,807	(670)	1,935	1.60%
Sep	4,969		4,969			4,969	539	575	604	570	2,288	-			-	2,288	2,681	1,619	1.36%	
Oct	9,926		9,926			9,926	1,269	660	1,932	2,866	6,727	-			-	6,727	3,199	4,613	3.76%	
Nov	11,775		11,775			11,775	3,823	1,636	2,063	4,258	11,779	-			-	11,779	(4)	54	0.04%	
Dec	29,414		29,414			29,414	4,789	2,167	2,154	4,765	13,875	-			-	13,875	15,539	13,252	10.48%	
Jan 2013	27,701		27,701			27,701	8,315	3,685	5,938	13,762	31,700	-			-	31,700	(3,999)	9,559	7.23%	
Feb	26,754		26,754			26,754	4,797	1,079	2,563	9,270	17,708	-			-	17,708	9,046	17,136	12.61%	
Mar												-			-					
Apr												-			-					
May												-			-					
Jun												-			-					
Jul												-			-					
Aug												-			-					

Normals Lister

Station: ST JOSEPH ROSECRANS AP
CLIMOD Product: Normals Lister
Normals Period: 1971-2000

ID:
State: MO 237440
Creation Time: 07/30/2013 23:19 CDT

Analysis	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
30 Yr Mean-HDD (base 65)	1199	917	668	343	113	9	0	10	62	270	683	1071	5345

Normals Lister

Station: SPRINGFIELD RGNL AP
CLIMOD Product: Normals Lister
Normals Period: 1971-2000

ID:
State: MO 237976
Creation Time: 07/30/2013 23:20 CDT

Analysis	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
30 Yr Mean-HDD (base 65)	1034	790	581	300	100	8	1	1	62	248	578	899	4602

Monthly Time Series

Station: SPRINGFIELD RGNL AP
CLIMOD Product: Monthly Time Series
Element: Heating Degree Days (base 65)
Max allowable missing days: 5
Lowest Acceptable Quality of Data: Raw data

ID:
State: MO 237976
Creation Time: 07/30/2013 23:23 CDT

Year(s)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2011	1081	853	568	231	177	0	0	0	93	251	513	820	4587
2012	828	702	239	195	31	8	0	0	41	355	521	730	3650

Monthly Time Series

Station: ST JOSEPH ROSECRANS AP
CLIMOD Product: Monthly Time Series
Element: Heating Degree Days (base 65)
Max allowable missing days: 5
Lowest Acceptable Quality of Data: Raw data

ID:
State: MO 237440
Creation Time: 07/30/2013 23:24 CDT

Station period of record: 03/01/1908 - 07/29/2013

Year(s)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2011	1383	1037	687	318	166	0	-999z	-999z	-999t	286	636	940	5453
2012	994	821	269	228	32	8	0	4	106	391	611	984	4448