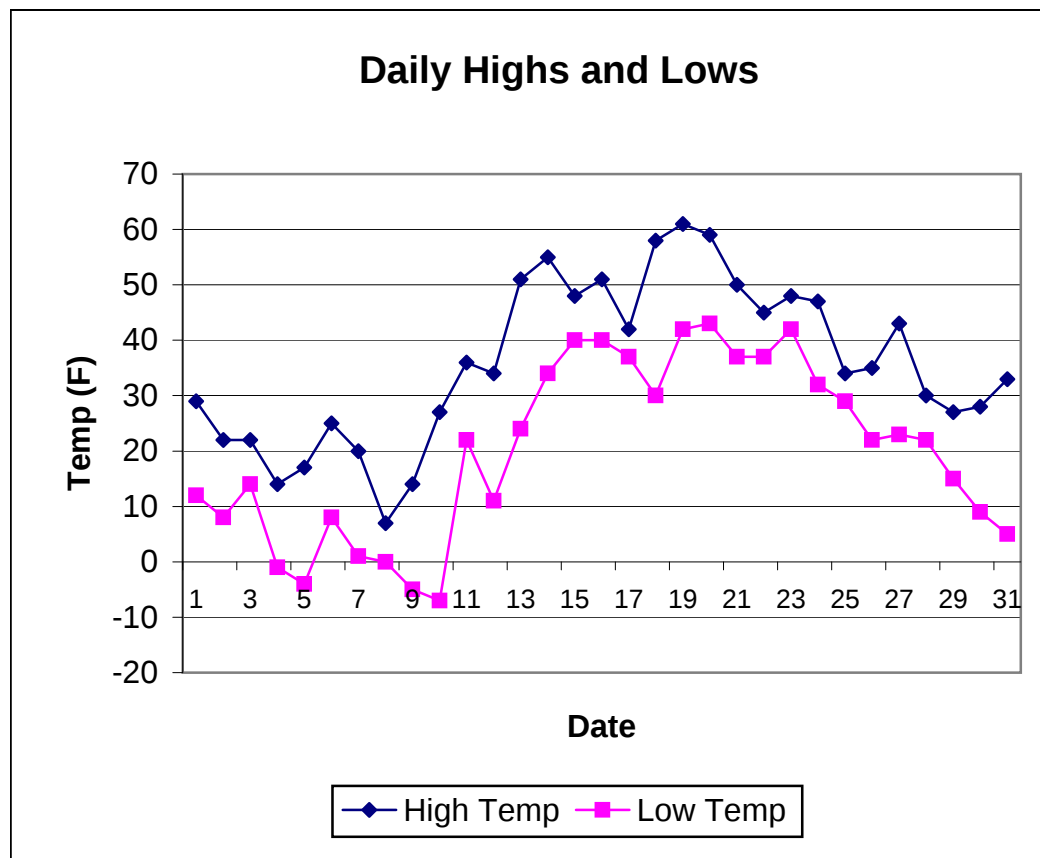


The Empire District Electric Company
Monthly Report of Degree Days
Recorded at Springfield Weather Station
January, 2010

Day	High Temp	Low Temp	Ave Temp	HDD	CDD
1	29	12	21	44	0
2	22	8	15	50	0
3	22	14	18	47	0
4	14	-1	7	58	0
5	17	-4	7	58	0
6	25	8	17	48	0
7	20	1	11	54	0
8	7	0	4	61	0
9	14	-5	5	60	0
10	27	-7	10	55	0
11	36	22	29	36	0
12	34	11	23	42	0
13	51	24	38	27	0
14	55	34	45	20	0
15	48	40	44	21	0
16	51	40	46	19	0
17	42	37	40	25	0
18	58	30	44	21	0
19	61	42	52	13	0
20	59	43	51	14	0
21	50	37	44	21	0
22	45	37	41	24	0
23	48	42	45	20	0
24	47	32	40	25	0
25	34	29	32	33	0
26	35	22	29	36	0
27	43	23	33	32	0
28	30	22	26	39	0
29	27	15	21	44	0
30	28	9	19	46	0
31	33	5	19	46	0



Total HDD This Month: 1139
Total CDD This Month: 0
HDD This Month Last Year: 1063
CDD This Month Last Year: 0
HDD Thirty Year Normal: 1034
CDD Thirty Year Normal: 0

Angela Cloven
2/5/2010
10:04 AM

THE EMPIRE DISTRICT ELECTRIC COMPANY
HEATING AND COOLING DEGREE DAYS
RECORDED AT SPRINGFIELD-BRANSON REGIONAL AIRPORT

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL	ANNUAL
	HDD	CDD	HDD	CDD	HDD	CDD	HDD	CDD	HDD	CDD	HDD	CDD	HDD	CDD	HDD	CDD	HDD	CDD	HDD	CDD	HDD	CDD	HDD	CDD	HDD	CDD
1980	877	0	941	0	685	0	332	3	109	87	1	318	0	589	0	565	42	299	289	27	562	1	834	0	4,672	1,889
1981	967	0	735	0	547	0	126	57	134	42	0	329	0	479	0	328	37	188	266	26	468	0	949	0	4,229	1,449
1982	1,200	0	850	0	474	7	367	7	33	139	26	182	0	477	0	432	68	184	265	51	551	5	704	1	4,538	1,485
1983	925	0	680	0	563	3	435	8	133	41	16	239	0	462	0	577	59	245	162	29	489	9	1,343	0	4,805	1,613
1984	1,097	0	641	0	680	0	338	14	133	64	0	319	0	389	0	455	106	204	168	31	584	0	678	1	4,425	1,477
1985	1,251	0	949	0	459	5	204	30	33	108	4	237	0	456	1	337	88	216	187	20	558	0	1,139	0	4,873	1,409
1986	874	0	760	0	474	2	226	22	64	85	0	333	0	535	12	290	16	231	249	20	692	0	882	0	4,249	1,518
1987	998	0	651	0	505	0	291	47	1	188	1	302	0	424	1	446	38	125	370	4	540	4	857	0	4,253	1,540
1988	1,090	0	944	0	601	1	304	4	54	81	2	293	0	369	8	436	26	150	385	13	531	0	852	0	4,797	1,347
1989	780	0	1,049	0	601	4	303	70	156	88	22	165	2	326	1	328	130	98	204	40	546	2	1,214	0	5,008	1,121
1990	724	0	639	0	521	8	336	38	126	35	4	312	6	392	0	379	24	257	291	14	381	4	929	0	3,981	1,439
1991	1,059	0	620	0	508	5	226	18	48	175	0	307	0	426	0	419	102	196	202	34	670	0	762	0	4,197	1,580
1992	842	0	607	0	503	3	261	41	112	68	8	183	0	367	6	202	66	151	203	17	622	0	878	0	4,108	1,032
1993	970	0	867	0	681	4	361	2	94	61	12	259	0	476	2	450	70	106	340	13	692	0	836	0	4,925	1,371
1994	1,074	0	791	0	500	2	251	39	89	72	0	373	0	380	0	326	60	144	199	39	432	6	755	0	4,151	1,381
1995	964	0	721	0	510	7	288	21	132	56	3	223	0	416	0	537	102	158	198	20	656	0	947	0	4,521	1,438
1996	1,064	0	768	3	779	0	355	4	78	145	17	259	0	317	0	340	71	103	252	10	756	0	827	0	4,967	1,181
1997	1,106	0	693	0	542	0	429	0	190	35	19	197	4	410	1	282	21	146	278	59	663	0	918	0	4,864	1,129
1998	827	0	698	0	702	11	340	5	29	179	25	321	0	453	0	397	0	308	210	18	471	0	862	0	4,164	1,692
1999	920	0	580	0	672	0	248	14	88	36	13	247	0	462	0	412	77	138	213	25	342	2	792	0	3,945	1,336
2000	932	0	594	0	471	1	319	4	69	128	16	172	0	352	0	501	67	226	167	60	762	4	1,287	0	4,684	1,448
2001	1,053	0	760	0	726	0	171	72	67	91	5	249	0	447	0	400	61	125	265	11	426	0	803	0	4,337	1,395
2002	914	0	754	0	682	0	232	41	132	45	1	292	0	429	0	414	10	248	330	37	636	1	897	0	4,588	1,507
2003	1,117	0	872	0	584	0	247	34	76	57	24	174	0	449	0	470	65	107	209	15	501	7	846	0	4,541	1,313
2004	989	0	821	0	491	5	265	20	77	160	1	213	4	307	13	256	8	192	160	46	467	0	839	0	4,135	1,199
2005	871	0	647	0	630	0	273	15	117	101	0	348	0	453	0	480	21	291	261	65	500	6	950	0	4,270	1,759
2006	647	0	785	0	505	10	150	63	96	152	0	294	0	501	0	521	52	115	307	41	506	0	765	0	3,813	1,697
2007	962	0	842	0	291	29	356	21	19	176	0	317	0	407	0	522	18	208	192	72	535	0	888	0	4,103	1,752
2008	969	0	863	0	583	0	365	13	108	78	0	255	0	406	0	357	30	127	264	28	608	1	977	0	4,767	1,265
2009	1063	0	670	0	517	9	337	30	109	65	6	326	0	292	7	286	33	102	399	0	420	0	1016	0	4,577	1,110
2010	1139	0																							1,139	0

30 YR NORM	1,034	0	790	0	581	3	300	20	100	83	8	258	1	415	1	379	62	179	248	28	578	1	899	0	4,602	1,366
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																							YTD % VARIANCE	
VARIANCE	105	0																					HDD	10.2%
VARIANCE %	10.2%	0.0%																					CDD	0.0%

YTD	JAN	FEB	1 QTR YTD	APR	MAY	2 QTR YTD	JUL	AUG	3 QTR YTD	OCT	NOV	4 QTR YTD	YTD
YTD HDD	1,139												1,139
YTD CDD	0												0
YTD TOTAL	1,139												1,139

QUARTER TOTALS	1 Quarter	2 Quarter	3 Quarter	4 Quarter
HDD				
CDD				