TABLE 3. NORMAL DEGREE-DAYS FOR CITIES IN THE UNITED STATES AND CANADA[a]

STATE	CITY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	Total
Ala.	Birmingham	586	502	318	133	23	1	0	1	10	111	351	582	2618
	Mobile	392	317	178	54	3	0	0	0	1	45	203	374	1567
Ariz.	Phoenix	404	261	152	47	7	0	0	0	0	18	168	389	1446
Ark.	Fort Smith	761	623	393	159	34	1	0	0	12	130	409	708	3230
	Little Rock	700	584	370	148	30	1	0	0	10	121	382	659	3005
Calif.	Los Angeles	276	232	209	158	104	27	1	0	5	43	110	225	1390
	San Francisco	464	340	314	269	252	196	198	180	122	140	242	426	3143
Colo.	Denver	1026	900	792	523	271	62	9	8	124	415	721	1012	5863
	Grand Junction	1230	887	667	381	152	22	1	1	60	352	745	1149	5647
Conn.	New Haven	1103	1024	848	521	222	46	3	12	89	341	660	1010	5879
D.C.	Washington	929	842	637	345	104	14	0	2	43	254	558	870	4598
Fla.	Jacksonville	295	241	131	39	3	0	0	0	0	24	142	286	1161
Ga.	Atlanta	662	568	389	173	32	2	0	1	12	130	393	640	3002
	Savannah	395	335	200	68	6	1	0	0	1	46	209	386	1647
Idaho	Boise	1065	840	680	441	248	87	10	17	135	394	717	1025	5659
Ill.	Chicago	1219	1084	871	536	260	67	7	8	84	334	709	1108	6287
	Springfield	1145	988	732	382	130	15	1	3	64	290	666	1047	5463
Ind.	Evansville	942	826	588	289	82	5	0	1	32	207	540	875	4387
	Indianapolis	1104	982	751	414	155	22	2	4	65	299	663	1026	5487
Iowa	Des Moines	1326	1143	849	449	165	27	2	6	99	357	768	1200	6391
	Sioux City	1410	1216	913	488	194	37	3	10	124	405	841	1268	6909
Kan.	Dodge City	1050	878	669	354	134	16	1	3	58	276	644	994	5077
	Topeka	1104	932	666	331	112	11	0	2	54	258	623	1008	5101
Ky.	Lexington	964	862	650	353	123	14	1	3	47	258	600	916	4791
	Louisville	931	824	595	302	92	7	0	1	34	218	549	875	4428
La.	New Orleans	319	251	130	32	1	0	0	0	0	23	147	305	1208
	Shreveport	522	421	243	83	10	0	0	0	4	71	274	499	2127
Me.	Eastport	1353	1242	1090	778	532	297	159	148	274	528	831	1219	8451
	Portland	1296	1184	1003	668	375	135	29	46	179	459	792	1172	7338
Md.	Baltimore	922	844	650	347	98	12	0	2	34	230	531	852	4522
Mass.	Boston	1101	1027	852	538	248	66	8	16	98	338	651	1000	5943
Mich.	Detroit[b]	1228	1141	943	569	252	56	7	15	109	387	753	1120	6580
	Marquette	1471	1358	1208	801	493	220	87	102	257	556	927	1306	8786
Minn.	Duluth	1726	1504	1267	809	514	232	82	100	289	636	1066	1541	9766
	Minneapolis	1597	1379	1082	580	255	59	8	24	163	484	943	1415	7989
Miss.	Vicksburg	498	413	239	85	9	0	0	0	5	77	268	479	2073
Mo.	Kansas City	1083	921	657	327	106	11	0	2	50	242	599	986	4984
	St. Louis	999	865	616	305	88	7	0	1	36	218	558	917	4610
	Springfield	971	835	599	306	105	11	1	2	45	232	560	900	4567
Mont.	Havre	1548	1374	1109	623	338	129	28	56	275	604	1010	1380	8474
Neb.	Lincoln	1254	1070	798	411	161	23	1	6	84	328	732	1142	6010
	Omaha	1285	1098	813	414	152	21	1	4	84	326	741	1163	6102
Nev.	Winnemucca	1126	887	763	539	320	109	11	23	190	502	802	1099	6371
N. H.	Concord	1339	1212	1005	633	310	98	19	46	189	492	827	1221	7391
N. J.	Atlantic City	944	893	762	489	215	37	1	2	40	250	552	864	5049
N. M.	Santa Fe	1094	892	786	544	297	62	10	15	129	451	772	1072	6124
N. Y.	Albany	1276	1174	955	549	221	44	4	14	116	410	756	1139	6658
	Buffalo[b]	1220	1168	1010	672	352	90	15	24	125	410	747	1102	6935
	New York	1025	958	785	467	176	29	1	4	51	276	600	934	5306
N. C.	Raleigh	699	618	436	213	47	5	0	1	17	155	417	673	3281
	Wilmington	528	481	328	147	25	2	0	0	5	92	310	514	2432
N. D.	Bismarck	1720	1478	1187	650	335	104	20	44	240	605	1059	1527	8969
Ohio	Cincinnati	1009	905	681	374	132	16	1	3	52	274	613	953	5013
	Cleveland	1141	1074	891	558	255	56	8	14	92	354	688	1040	6171
	Columbus	1082	982	762	436	167	26	2	6	68	318	674	1013	5536
Okla.	Oklahoma City	850	696	459	204	56	3	0	0	22	156	461	791	3698
Ore.	Baker	1221	994	839	600	411	210	56	73	261	540	849	1165	7219
	Portland	776	622	530	370	241	106	29	29	109	298	540	729	4379
Pa.	Philadelphia	957	885	696	379	117	16	0	2	36	236	548	877	4749

TABLE 3. NORMAL DEGREE-DAYS FOR CITIES IN THE UNITED STATES AND CANADA[a] (CONCLUDED)

STATE PROVINCE	CITY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	Total
Pa.	Pittsburgh[b]	1043	971	767	448	170	29	3	7	69	324	656	979	5466
S. C.	Charleston	450	386	245	84	7	1	0	0	1	48	227	421	1870
	Columbia	568	488	312	129	18	1	0	0	6	98	330	554	2504
S. D.	Huron	1586	1366	1044	579	264	66	9	21	174	507	966	1415	7997
	Rapid City	1288	1152	980	607	333	104	15	29	188	503	843	1183	7225
Tenn.	Knoxville	774	669	478	229	55	3	0	0	20	189	497	751	3665
	Memphis	709	605	389	159	32	1	0	0	13	127	383	660	3078
	Nashville	785	681	476	222	54	2	0	0	19	170	470	741	3620
Tex.	El Paso	611	433	288	107	15	1	0	0	6	90	369	618	2538
	Fort Worth	582	470	269	100	16	1	0	0	5	76	288	549	2356
	Houston	366	279	144	31	3	0	0	0	1	29	164	343	1360
	San Antonio	382	290	148	38	4	0	0	0	0	32	169	361	1424
Utah	Modena	1191	944	811	569	336	93	7	11	156	503	833	1151	6605
	Salt Lake City	1084	868	708	450	232	62	4	5	95	377	712	1040	5637
Vt.	Burlington	1444	1327	1117	679	330	98	22	47	196	510	866	1294	7930
Va.	Lynchburg	829	735	545	290	82	12	1	2	37	232	524	793	4082
	Norfolk	709	654	492	257	65	6	0	0	9	132	397	664	3385
	Richmond	812	727	548	281	74	9	0	1	27	199	491	775	3944
Wash.	Seattle	765	644	595	440	304	162	71	71	174	372	558	708	4864
	Spokane	1136	935	748	488	282	113	21	37	185	483	816	1061	6305
W. Va.	Elkins	1030	950	774	492	233	59	15	23	114	403	724	997	5814
	Parkersburg	975	888	671	371	129	170	1	3	55	287	619	922	5091
Wis.	Green Bay	1498	1337	1099	663	325	89	17	39	176	495	891	1327	7956
	LaCrosse	1500	1291	1001	533	222	50	7	22	154	459	865	1338	7442
	Milwaukee	1329	1181	969	621	340	100	13	18	120	409	788	1198	7086
Wyo.	Cheyenne	1188	1070	994	726	455	160	42	48	247	592	880	1147	7549
	Lander	1423	1198	1000	674	406	150	28	44	263	630	1020	1401	8237
Alta.	Calgary	1674	1428	1240	750	496	270	124	186	450	744	1170	1395	9,927
	Edmonton	1829	1512	1302	720	434	270	124	186	450	713	1230	1519	10,289
B. C.	Vancouver	899	756	713	510	341	180	62	31	270	496	660	837	5,755
Man.	Winnipeg	2139	1820	1581	810	465	90	.....	62	270	744	1320	1829	11,130
N.B.	Moncton	1519	1428	1178	810	465	210	.....	93	300	620	930	1333	8,886
N. S.	Halifax	1302	1176	1085	780	496	210	.....	.....	210	496	780	1147	7,682
Ont.	Ottawa	1674	1484	1271	690	279	30	.....	.....	210	589	990	1457	8,674
	Port Arthur	1829	1624	1426	900	558	240	62	86	360	713	1140	1550	10,488
	Toronto	1333	1204	1209	720	372	60	.....	.....	180	558	870	1209	7,715
P.E.I.	Charlottetown	1178	1120	1209	870	529	210	.....	.....	600	558	870	1240	8,384
Que.	Montreal	1581	1428	1209	720	310	.....	.....	.....	180	558	960	1395	8,341
	Quebec	1705	1484	1333	870	434	120	.....	31	270	651	1050	1519	9,467
Sask.	Saskatoon	2108	1820	1581	810	465	210	62	155	450	806	1290	1736	11,493

[a]Computed from daily mean temperatures recorded by U. S. Weather Bureau over a 43-year period from 1899 to 1941. Data for Canadian cities abstracted from *Heating & Ventilating*, October, 1939.

[b]Data for these cities and possibly other localities are based on readings taken at more than one official Weather Station during the 43-year period of analysis and are subject to local verification, as these figures are being examined for possible revision by the U. S. Weather Bureau.

period, the fuel consumption during that period as compared with another period will be in direct proportion to the number of degree-days in the two periods. Consequently, for a given installation, the fuel consumption can be calculated in terms of fuel used per degree-day for any sufficiently long period and compared with similar ratios for other periods to determine the relative operating efficiencies with the outside temperature variable eliminated.

The normal or average number of degree-days which have occurred over a long period of years, and such averages, by months, on a 65 F