TABLE 3. 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	589	521	260	69							318	595	2352
	Mobile	428	311	152								186	394	1471
Ariz.	Flagstaff	1153	969	896	654	465	171		40	252	577	840	1128	7145
	Tucson	459	325	257	87							252	465	1845
Ark.	Little Rock	719	582	353	78						47	381	651	2811
Calif.	Los Angeles	326	266	239	159	90						123	301	1504
	San Francisco	465	356	353	294	264	195	202	186	114	146	261	428	3264
Colo.	Col. Springs	1085	991	852	612	369	90			162	502	789	1066	6518
	Denver	1079	918	800	534	267				72	428	759	1017	5874
Conn.	New Haven	1110	1011	899	543	223				39	360	693	1017	5895
D. C.	Washington	970	848	694	348	25					251	594	896	4626
Fla.	Jacksonville	285	207	56								75	267	890
Ga.	Atlanta	682	557	388	132						96	396	639	2890
	Savannah	409	316	167								201	397	1490
Idaho	Boise	1097	848	651	435	236				102	434	738	1011	5552
Ill.	Chicago	1262	1095	911	549	248				3	353	756	1113	6290
	Springfield	1181	1008	760	366	56					282	681	1039	5373
Ind.	Evansville	949	854	620	276						155	528	862	4244
	Indianapolis	1128	969	756	384	59					298	687	1017	5298
Iowa	Des Moines	1392	1173	890	441	118					357	798	1215	6384
	Sioux City	1435	1260	967	489	164				33	415	870	1265	6898
Kans.	Dodge City	1116	890	688	342	47					276	672	1104	5035
	Topeka	1221	980	747	339						270	699	1051	5307
Ky.	Lexington	973	868	648	342	25					245	612	905	4618
	Louisville	939	801	589	264						186	552	849	4180
La.	New Orleans	332	230	59								102	301	1024
Me.	Eastport	1380	1232	1110	786	543	300	143	136	276	543	843	1228	8520
	Portland	1321	1168	1017	642	329	39			120	443	780	1153	7012
Md.	Baltimore	955	843	701	348	22					223	567	874	4533
Mass.	Boston	1150	1042	908	570	245				48	363	693	1026	6045
Mich.	Detroit	1252	1134	973	573	226				42	400	777	1113	6490
	Marquette	1500	1361	1249	804	496	186		43	225	567	960	1302	8693
Minn.	Duluth	1727	1473	1277	810	524	198		37	261	620	1062	1491	9480
	Minneapolis	1609	1400	1094	570	236				93	481	963	1404	7850
Miss.	Vicksburg	521	384	195								252	471	1823
Mo.	Kansas City	1094	958	676	303	12					214	612	983	4852
	St. Louis	1060	854	657	276						205	597	936	4585
Mont.	Billings	1318	1120	955	534	316	60			189	524	909	1194	7119
	Havre	1624	1450	1169	630	369	144			270	620	1041	1383	8700
Nebr.	Lincoln	1311	1131	840	417	99					316	753	1132	5999
	Omaha	1355	1126	868	414	84					329	780	1175	6131
Nev.	Reno	1042	823	753	534	366	90			144	453	714	973	5892
N. H.	Concord	1349	1240	1011	669	298	54			168	484	846	1234	7353
N. J.	Atlantic City	992	904	806	519	220					254	588	893	5176
	Trenton	1014	941	735	402	81					242	588	930	4933
N. M.	Santa Fe	1110	902	775	543	298	3			120	459	780	1073	6063
N. Y.	Albany	1287	1142	980	549	183				72	446	774	1147	6580
	Buffalo	1240	1156	1032	675	335	12			75	419	774	1104	6822
	New York	1060	960	837	486	155					276	618	955	5347
	Utica	1248	1181	989	588	253				182	430	781	1144	6796
N. C.	Raleigh	722	630	446	183						130	429	694	3234
	Wilmington	555	468	322	108						19	303	527	2302
N. D.	Bismarck	1807	1548	1283	657	338	45			222	248	626	1113	9192
Ohio	Cincinnati	1011	871	679	339	19					248	615	921	4703
	Cleveland	1181	1075	930	564	220				27	366	732	1060	6155
	Columbus	1113	980	778	420	87					313	690	1017	5398
Okla.	Oklahoma City	865	742	465	162						105	459	815	3613
Ore.	Portland	806	644	558	402	245	90			105	332	558	729	4469
	Salem	778	633	586	426	285	111			102	350	600	747	4618

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

STATE	CITY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL
Pa.	Philadelphia	1001	893	756	402	68					242	588	905	4855
	Pittsburgh	1054	944	787	423	78					313	669	967	5235
R. I.	Providence	1116	1070	890	558	251				63	348	693	1026	6015
S. C.	Charleston	487	372	242	36							207	425	1769
	Spartanburg	725	622	431	147						121	429	716	3191
S. D.	Sioux Falls	1547	1358	1045	564	217				93	484	945	1404	7657
Tenn.	Memphis	744	599	384	96						62	402	663	2950
	Nashville	812	675	477	180						136	483	744	3507
Texas	Austin	487	330	133								201	434	1585
	Dallas	617	493	267	9							303	567	2256
	Houston	366	277	65								114	335	1157
	San Antonio	381	274	74								126	347	1202
Utah	Logan	1262	1072	893	525	329	48				114	468	819	6748
	Salt Lake City	1110	885	722	453	236					18	388	723	1020	5555
Vt.	Burlington	1429	1294	1088	654	273	3				144	481	861	1287	7514
Va.	Fredericksburg	887	820	583	303							223	549	877	4242
	Norfolk	738	650	521	246							99	411	685	3350
	Richmond	825	703	552	240							158	483	766	3727
Wash.	Seattle	775	652	623	465	319	168	40	43	192	403	570	716	4966
	Spokane	1172	952	778	504	285	81			192	515	819	1057	6355
W. Va.	Morgantown	1026	944	713	414	78					295	648	977	5095
	Parkersburg	995	907	679	360	47					282	630	1048	4948
Wis.	Fond du Lac	1507	1322	1048	603	276				117	493	921	1330	7617
	Green Bay	1538	1358	1125	600	322				132	505	921	1324	7825
	LaCrosse	1535	1265	1033	528	183				96	462	909	1311	7322
	Milwaukee	1383	1201	1023	648	350	39			84	450	846	1221	7245
Wyo.	Cheyenne	1215	1075	995	720	446	126			240	605	900	1144	7463

PROVINCE	CITY	JAN.	FEB.	MAR.	APR.	MAY	SEPT.	OCT.	NOV.	DEC.	TOTAL
B. C.	Victoria										5777
	Vancouver										5976
	Kamloops										6724
Alb.	Medicine Hat										8152
Sask.	Qu'Appelle										11,261
Man.	Winnipeg										11,166
Ont.	Port Arthur										10,803
	Toronto										7732
Que.	Montreal	1615	1409	1219	720	309	190	372	961	1422	8417
	Quebec										8628
N. B.	Fredericton										9099
N. S.	Yarmouth										7694
P. E. I.	Charlottetown										8485

[a]Abstracted by permission from *Degree-Day Handbook* (Second Edition, 1937), by C. Strock and C. H. B. Hotchkiss.

small installations. In general the larger the installation the smaller the unit gas consumption becomes and the values in the table should be used with care, if at all, in large gas-burning installations.

Example 6. What would be the estimated average gas consumption of a residence in Albany, N. Y., with 650 sq ft of steam radiation surface if the outside design temperature is −10 F, if 70 F is to be maintained inside and if 535 Btu per cubic foot gas is available?

Solution. Find the value of U from Table 4 under, Steam, 300 to 700 sq ft, opposite 535 to be 0.215. Since the outside design temperature is other than 0 F, find the correction factor from Table 5 to be (opposite −10 F) 0.875. Multiplying 0.215 by 0.875