



Population-Weighted Monthly Normals, 1971-2000 (and previous periods)
 HISTORICAL CLIMATOGRAPHY SERIES 5-1

Heating Degree Days

Alabama – Connecticut

State/Region	Element	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	ANNUAL
AL-01 Alabama 	31-00 AVERAGE	0	0	13	140	368	586	650	496	359	135	34	2	2783
	STD DEV	0	0	8	50	81	117	145	110	96	46	19	2	289
	31-60 AVERAGE	0	0	10	123	373	569	592	470	361	126	28	1	2652
	STD DEV	0	0	6	48	77	114	148	119	112	37	17	2	273
	41-70 AVERAGE	0	0	13	137	382	598	643	498	378	120	29	2	2800
	STD DEV	0	0	8	50	73	107	131	129	107	45	17	2	289
	51-80 AVERAGE	0	0	14	156	387	598	683	525	375	128	36	2	2903
	STD DEV	0	1	10	51	78	105	140	126	99	42	22	2	277
	61-90 AVERAGE	0	0	16	157	358	601	714	534	358	139	39	2	2919
	STD DEV	0	1	10	53	86	124	136	105	85	49	20	2	268
71-00 AVERAGE	0	0	15	153	358	591	680	503	346	151	40	2	2840	
STD DEV	0	0	8	52	89	120	138	90	79	48	21	2	269	
AZ-02 Arizona 	31-00 AVERAGE	0	0	7	75	293	492	523	377	294	140	41	5	2248
	STD DEV	0	1	3	27	67	73	85	83	72	49	18	3	231
	31-60 AVERAGE	0	1	6	75	301	486	548	402	300	136	42	6	2301
	STD DEV	0	1	2	25	71	75	97	92	67	46	21	3	224
	41-70 AVERAGE	0	1	6	75	291	499	538	393	320	147	42	6	2319
	STD DEV	0	1	3	29	71	68	80	92	67	50	17	3	201
	51-80 AVERAGE	0	1	7	76	296	505	531	388	317	157	47	5	2329
	STD DEV	0	1	3	28	59	80	72	86	77	44	19	3	186
	61-90 AVERAGE	0	0	8	79	287	507	521	371	302	147	43	5	2270
	STD DEV	0	1	4	30	53	76	72	67	77	54	16	3	216
71-00 AVERAGE	0	0	7	76	290	490	492	349	275	137	40	4	2160	
STD DEV	0	0	3	27	64	74	67	61	74	52	17	2	233	
AR-03 Arkansas 	31-00 AVERAGE	0	2	23	162	459	725	806	613	455	175	46	3	3469
	STD DEV	0	2	14	53	86	120	136	114	111	54	23	3	282
	31-60 AVERAGE	0	1	19	149	470	704	760	604	470	174	44	2	3399
	STD DEV	0	2	12	52	80	111	129	114	125	50	22	2	285
	41-70 AVERAGE	0	2	23	159	460	726	795	621	488	164	42	3	3482
	STD DEV	0	2	12	55	76	109	109	104	124	55	21	2	248
	51-80 AVERAGE	0	2	24	171	468	725	833	635	474	170	44	3	3549
	STD DEV	0	2	17	59	87	94	140	121	123	53	25	3	262
	61-90 AVERAGE	0	2	26	175	441	745	857	644	445	169	47	4	3557
	STD DEV	0	2	16	57	84	129	143	117	106	57	25	3	260
71-00 AVERAGE	0	2	26	173	455	739	836	608	432	182	49	4	3505	
STD DEV	0	3	16	51	95	133	141	123	85	57	26	3	293	
CA-04 California 	31-00 AVERAGE	12	11	33	127	319	486	514	401	378	262	156	62	2762
	STD DEV	7	6	16	38	63	71	84	71	75	67	47	25	269
	31-60 AVERAGE	13	15	35	136	318	479	543	432	389	263	160	68	2853
	STD DEV	7	6	15	35	67	72	103	69	80	52	46	24	271
	41-70 AVERAGE	14	14	34	134	320	493	534	416	405	280	169	73	2886
	STD DEV	8	7	15	39	61	64	83	77	64	68	38	26	218
	51-80 AVERAGE	12	12	33	127	323	490	520	398	397	287	168	65	2831
	STD DEV	7	7	14	39	55	75	63	69	68	71	43	28	217
	61-90 AVERAGE	11	10	35	122	324	499	503	384	381	271	157	58	2754
	STD DEV	7	5	19	39	55	74	62	65	68	80	44	26	229
71-00 AVERAGE	10	9	31	119	321	483	484	373	358	249	146	51	2634	
STD DEV	6	5	17	40	66	74	62	58	72	67	50	22	253	
CO-05 Colorado 	31-00 AVERAGE	28	52	230	544	916	1171	1237	1019	948	653	384	143	7324
	STD DEV	15	22	62	80	105	113	130	118	108	93	74	48	372
	31-60 AVERAGE	23	40	204	514	904	1131	1230	1030	962	637	372	132	7178
	STD DEV	13	15	48	69	102	104	140	139	101	93	78	51	363
	41-70 AVERAGE	28	51	229	528	899	1151	1233	1025	997	647	376	150	7312
	STD DEV	13	23	65	96	100	91	126	128	115	101	64	53	344
	51-80 AVERAGE	28	58	237	539	925	1168	1251	1021	983	667	387	141	7404
	STD DEV	14	24	70	90	95	118	129	116	113	86	70	51	373
	61-90 AVERAGE	31	63	253	565	920	1214	1260	1029	959	661	399	150	7505
	STD DEV	14	23	65	91	92	120	130	92	119	93	65	46	318
71-00 AVERAGE	33	59	243	573	937	1200	1239	1005	910	665	399	145	7410	
STD DEV	16	22	58	56	113	120	120	99	85	96	72	45	372	
CT-06 Connecticut 	31-00 AVERAGE	5	18	115	404	693	1055	1180	1025	879	539	247	45	6205
	STD DEV	4	12	36	73	77	123	139	113	100	73	62	21	363
	31-60 AVERAGE	5	20	114	389	703	1074	1161	1033	902	549	251	47	6248
	STD DEV	3	14	36	72	77	118	142	120	117	83	58	24	378
	41-70 AVERAGE	6	22	116	385	695	1092	1197	1040	899	542	268	50	6311
	STD DEV	5	14	39	66	68	118	127	96	103	81	67	23	340
	51-80 AVERAGE	6	18	118	406	690	1066	1199	1039	887	535	260	50	6273
	STD DEV	5	12	41	71	74	120	120	107	86	69	69	22	322
	61-90 AVERAGE	5	17	119	413	681	1057	1213	1036	864	537	250	47	6238
	STD DEV	5	12	40	77	75	129	136	101	83	67	66	18	316
71-00 AVERAGE	4	14	115	421	681	1018	1177	997	846	522	232	42	6068	
STD DEV	4	8	31	76	78	129	139	114	84	63	57	19	341	