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Monthly Cooling and Heating Degree Day Data

Data has been updated from the National Oceanic and Atmospheric Administration. Minor problems with statewide number were corrected.

(Last updated 04/20/2012.)

Statewide

Cooling Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	
April		0	0	0	0	0	0	0	0	0	0	
May		40	47	17	5	37	20	3	38	7	7	24
June		120	179	65	178	145	120	196	92	72	121	107
July		322	363	165	280	209	315	290	199	238	302	233
August		207	253	250	158	216	233	315	179	271	277	195
September		88	97	43	77	91	46	136	86	70	100	56
October		2	5	0	0	30	3	4	0	0	0	6
November		0	0	0	0	0	0	0	0	0	0	0
December		0	0	0	0	0	0	0	0	0	0	0
TOTAL		779	944	540	698	728	737	944	594	658	807	621

Statewide

Heating Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	1011	1226	1157	1324	1039	1009	908	1225	1393	1327	932	1188
February	855	998	1003	959	971	1171	954	970	1018	1123	836	1017
March	556	880	679	850	888	887	841	976	796	860	797	867
April		478	351	452	408	577	433	447	484	580	420	528
May		177	136	213	287	166	201	320	148	280	286	233
June		18	19	56	12	17	27	4	46	50	25	45
July		0	0	18	3	9	1	1	8	5	1	8
August		0	7	8	22	8	11	3	16	4	4	18
September		51	59	106	66	53	109	34	56	73	43	113
October		347	350	431	422	197	401	338	382	431	415	405
November		529	648	543	693	712	522	587	634	581	699	678
December		839	1116	1044	982	1015	781	1079	1004	974	1052	1016
TOTAL		5543	5525	6004	5793	5821	5189	5984	5985	6288	5510	6116

Note: Normal is a 30-year degree day average value for the period 1971-2000.

Source: National Oceanic and Atmospheric Administration

*http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/cdus/degree_days/

Announcements

04/24/2012 - NYSERDA Partnership with Greenfield Manufacturing Demonstrates Significant Fuel Savings with use of Marine Coating

04/23/2012 - Bring Earth Week into your Home

04/19/2012 - Governor Cuomo Announces Comprehensive NY-Sun Initiative to Expand Solar Development in New York

04/04/2012 - Governor Cuomo's Energy Highway Task Force Holds Summit

03/26/2012 - Quality Maintenance Can Help Businesses Cut Rooftop Air Conditioning Costs by 30% and Improve Comfort

03/22/2012 - Farm Family Work with NYSERDA to Receive ENERGY STAR® Rating for Energy Efficiency

Funding Opportunities

Assisted Home Performance Program with ENERGY STAR

PON 1913 - Electric Power Transmission and Distribution (EPTD) Smart Grid Program

PON 1927 - NYSERDA Growth Capital Business Partners

PON 2149 - Solar Thermal Incentive Program

Contacts

1-866-NYSERDA

Albany



Cooling Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	0	0	0	0	
March	1	0	0	0	0	0	0	0	0	0	0	
April		13	2	14	1	5	0	0	11	4	32	0
May		68	74	12	4	48	36	4	50	0	22	15
June		118	123	80	184	156	124	247	81	92	113	97
July		311	319	113	268	186	313	273	190	225	273	219
August		184	226	200	123	208	168	278	160	255	261	183
September		85	85	14	84	70	19	97	32	37	77	33
October		2	0	0	0	21	0	14	0	0	10	3
November		0	0	0	0	0	0	0	0	0	0	0
December		0	0	0	0	0	0	0	0	0	0	0
TOTAL		781	829	433	664	694	660	913	524	613	788	550

Albany

Heating Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	1125	1370	1247	1446	1156	1160	1031	1404	1561	1512	1036	1257
February	953	1150	1030	1046	1114	1275	1040	1061	1135	1262	927	1070
March	590	943	716	886	965	1027	895	1049	839	950	885	889
April		499	388	478	394	622	462	440	486	612	511	528
May		152	188	230	300	196	232	325	154	253	326	220
June		30	41	47	17	40	43	6	54	46	51	42
July		0	8	6	0	7	0	0	3	0	4	6
August		3	4	15	11	25	17	1	25	9	9	13
September		73	92	151	99	86	130	58	79	91	69	124
October		367	452	522	522	271	500	410	464	519	538	463
November		612	755	656	766	816	608	674	764	677	790	741
December		955	1206	1161	1121	1146	918	1179	1157	1103	1177	1085
TOTAL		6154	6127	6644	6465	6671	5876	6607	6721	7034	6323	6438

Note: Normal is a 30-year degree day average value for the period 1971-2000.

Source: National Oceanic and Atmospheric Administration

Binghamton

Cooling Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	1
April		5	5	22	4	3	0	0	0	1	29	4
May		40	64	12	5	42	26	2	39	1	4	23
June		81	85	30	126	113	72	182	50	47	92	73
July		250	242	55	159	116	202	216	78	108	187	153
August		97	153	134	52	163	102	224	88	147	204	108
September		41	59	8	77	82	3	50	15	12	59	32
October		0	0	0	0	31	0	0	0	0	8	2
November		0	0	0	0	0	0	0	0	0	0	0
December		0	0	0	0	0	0	0	0	0	0	0
TOTAL		514	608	261	423	550	405	674	270	316	583	396

Binghamton

Heating Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	1157	1404	1320	1489	1164	1169	1058	1395	1598	1522	1079	1331
February	992	1127	1135	1084	1177	1283	1111	1076	1196	1271	971	1156
March	609	1050	768	924	1026	998	1004	1111	910	1015	960	997
April		570	416	533	459	679	545	512	601	678	593	617
May		217	226	279	386	241	292	402	203	346	415	292
June		51	63	85	49	52	100	45	125	112	88	90
July		1	11	36	1	33	3	4	21	8	21	22
August		21	16	29	40	35	30	5	45	23	22	43
September		118	157	191	139	111	216	90	106	178	118	202
October		480	491	547	534	281	539	466	501	585	602	514
November		613	767	666	853	817	654	710	779	709	878	812
December		990	1296	1204	1171	1161	917	1273	1174	1133	1234	1161
TOTAL		6642	6666	7067	6999	6860	6469	7089	7259	7580	6981	7237

Note: Normal is a 30-year degree day average value for the period 1971-2000.

Source: National Oceanic and Atmospheric Administration

Buffalo

Cooling Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0
March	8	0	0	0	0	0	0	0	0	0	0	0
April		5	3	5	7	0	0	0	0	1	5	4
May		46	74	11	1	48	48	3	26	0	15	28
June		96	101	49	128	172	135	229	60	48	128	101
July		320	273	85	204	159	273	312	137	150	268	203
August		203	220	179	128	234	160	246	105	196	211	158
September		95	61	32	67	101	14	70	73	30	114	50
October		4	0	0	0	41	0	20	0	4	16	4
November		0	0	0	0	0	0	0	0	0	0	0
December		0	0	0	0	0	0	0	0	0	0	0
TOTAL		769	732	361	535	755	630	880	401	429	757	548

Buffalo

Heating Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	1069	1350	1287	1434	1085	1115	928	1267	1464	1396	1029	1256
February	961	1124	1128	1050	1148	1290	1037	1107	1112	1268	940	1110
March	549	1022	829	911	1035	923	917	1099	864	972	946	961
April		580	413	550	426	674	506	541	566	660	561	594
May		232	215	248	356	224	197	357	234	291	416	268
June		39	40	62	37	32	32	20	96	88	62	65
July		0	5	19	1	6	0	0	7	3	1	8
August		3	6	17	16	6	12	0	30	13	3	21
September		78	134	111	86	65	143	37	64	95	51	149
October		401	438	503	474	228	495	400	413	502	500	442
November		556	697	625	750	772	604	645	675	654	759	737
December		914	1199	1121	1096	1101	857	1171	1089	978	1129	1081
TOTAL		6299	6391	6651	6410	6436	5728	6644	6614	6920	6397	6692

December		0	0	0	0	0	0	0	0	0	0	0
TOTAL		552	537	298	615	530	395	568	250	381	442	376

Massena

Heating Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	1386	1576	1397	1669	1348	1420	1271	1633	1848	1733	1230	1559
February	1103	1267	1154	1241	1369	1503	1250	1312	1400	1599	1167	1332
March	773	1098	850	1040	1264	1184	1061	1268	1054	1239	1117	1122
April		595	481	597	545	683	605	637	697	756	628	655
May		239	230	332	381	324	266	423	295	337	441	280
June		40	80	114	57	72	88	40	129	107	125	81
July		0	17	23	0	23	2	9	13	11	24	15
August		12	27	47	46	10	58	29	73	43	35	44
September		114	179	215	192	131	227	126	149	161	141	209
October		486	547	624	594	412	596	492	568	621	673	563
November		693	859	776	880	927	751	808	857	829	947	886
December		1182	1307	1302	1327	1383	1062	1366	1425	1336	1295	1343
TOTAL		7302	7128	7980	8003	8072	7237	8143	8508	8772	7823	8089

Note: Normal is a 30-year degree day average value for the period 1971-2000.

Source: National Oceanic and Atmospheric Administration

New York City

(La Guardia Airport)

Cooling Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0
April		1	13	31	5	10	6	6	0	7	59	6
May		72	124	51	30	129	67	17	75	9	44	54
June		239	337	131	325	276	267	304	242	168	253	209
July		486	557	301	470	401	492	424	343	387	458	377
August		346	428	403	318	385	414	500	326	412	425	336
September		195	232	117	184	251	137	304	186	160	200	141
October		24	21	7	14	114	31	42	8	5	39	17
November		0	0	0	0	0	0	0	0	7	0	1
December		0	0	0	0	0	0	0	0	0	0	0
TOTAL		1363	1712	1041	1346	1566	1414	1597	1180	1155	1478	1141

New York City

(La Guardia Airport)

Heating Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	846	1021	988	1114	848	806	722	1056	1213	1137	754	1008
February	680	794	871	780	810	981	786	815	839	995	668	861
March	438	714	520	713	683	682	645	810	672	700	637	713
April		354	219	360	321	421	264	321	355	470	338	392
May		114	82	111	148	75	95	204	80	203	161	136
June		4	0	27	0	3	11	10	11	41	20	16
July		0	0	0	0	0	0	1	0	0	0	1
August		0	0	0	0	6	0	0	0	0	1	1

September		19	0	23	15	5	12	5	11	11	6	40
October		223	163	256	252	91	213	194	230	263	297	249
November		383	461	395	547	530	342	413	474	422	555	524
December		662	923	868	802	808	600	878	829	806	871	836
TOTAL		4288	4227	4647	4426	4408	3690	4707	4714	5048	4308	4777

Note: Normal is a 30-year degree day average value for the period 1971-2000.

Source: National Oceanic and Atmospheric Administration

Rochester

Cooling Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0
March	5	0	0	0	0	0	0	0	0	0	0	1
April		3	9	9	12	2	0	0	2	3	24	5
May		44	68	12	6	66	47	0	30	0	18	32
June		102	106	42	170	171	126	207	54	72	147	109
July		302	278	74	222	158	313	251	116	172	286	209
August		158	198	161	110	222	178	244	97	197	236	162
September		77	63	17	65	83	29	70	56	32	134	54
October		1	0	0	2	33	0	23	0	1	18	4
November		0	0	0	0	0	0	0	0	0	0	0
December		0	0	0	0	0	0	0	0	0	0	0
TOTAL		687	722	315	587	735	693	795	355	477	863	576

Rochester

Heating Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	1068	1333	1263	1416	1068	1085	909	1338	1480	1449	1000	1263
February	959	1131	1102	1003	1113	1250	1020	1099	1154	1228	925	1117
March	548	965	773	903	1029	914	894	1093	812	952	924	958
April		557	377	557	390	612	507	566	579	651	524	582
May		229	207	268	319	237	231	392	223	304	373	266
June		32	47	81	25	35	35	38	123	79	64	69
July		0	6	32	1	10	0	2	10	0	3	17
August		7	9	22	22	12	15	1	35	16	5	25
September		87	155	140	116	88	112	51	75	104	45	154
October		416	440	521	476	248	445	378	455	517	487	447
November		574	748	679	767	795	566	634	713	678	731	741
December		925	1198	1143	1063	1105	802	1143	1102	1008	1129	1089
TOTAL		6256	6325	6765	6389	6391	5536	6735	6761	6986	6210	6728

Note: Normal is a 30-year degree day average value for the period 1971-2000.

Source: National Oceanic and Atmospheric Administration

Syracuse

Cooling Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0
March	1	0	0	0	0	0	0	0	0	0	0	0
April		11	9	16	7	0	0	0	6	6	30	4

May		85	81	12	6	43	34	2	37	4	19	29
June		142	118	56	165	142	123	252	63	65	145	105
July		340	304	113	203	165	284	300	149	195	283	203
August		215	203	215	91	208	149	273	139	219	263	158
September		102	71	27	66	84	13	71	67	33	120	48
October		0	0	0	0	31	0	11	0	0	16	3
November		0	0	0	0	0	0	0	0	0	0	0
December		0	0	0	0	0	0	0	0	0	0	0
TOTAL		895	786	439	538	673	603	909	461	522	876	550

Syracuse

Heating Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	1048	1364	1291	1445	1091	1169	969	1360	1550	1413	988	1296
February	942	1151	1089	1079	1132	1290	1055	1099	1170	1245	908	1131
March	568	983	754	917	1021	1033	956	1055	847	951	882	959
April		487	401	519	404	632	510	499	568	634	519	579
May		143	195	241	352	244	242	331	182	281	352	258
June		22	43	60	18	37	51	18	97	73	49	66
July		0	5	6	2	12	0	0	5	0	4	10
August		4	3	13	25	22	16	0	22	17	7	25
September		69	128	132	129	73	141	55	63	81	55	158
October		378	421	491	511	243	482	398	418	504	468	460
November		544	722	642	802	806	604	625	717	677	723	748
December		904	1221	1142	1122	1152	851	1196	1109	1082	1122	1113
TOTAL		6049	6273	6687	6609	6713	5877	6636	6748	6958	6077	6803

Note: Normal is a 30-year degree day average value for the period 1971-2000.

Source: National Oceanic and Atmospheric Administration

Utica

Utica has been removed from our survey.

Watertown

Cooling Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
January	0	0	0	0	0	0	0	0	0	0	0	
February	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	0	0	0	0	0	0	0	
April		6	5	2	1	0	0	4	0	0	2	0
May		66	40	4	0	23	28	0	16	0	10	9
June		60	56	37	153	92	68	160	40	45	57	49
July		215	216	83	136	105	220	203	98	131	163	131
August		188	164	163	148	204	118	159	75	164	143	97
September		65	59	9	113	62	7	41	24	39	74	14
October		0	2	0	0	24	0	9	0	0	9	1
November		0	0	0	0	0	0	0	0	0	0	0
December		0	0	0	0	0	0	0	0	0	0	0
TOTAL		600	542	298	551	510	441	576	253	379	458	301

Watertown

Heating Degree Day

	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Normal
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January	1202	1509	1384	1644	1176	1318	1086	1538	1769	1712	1149	1433
February	1044	1250	1257	1222	1279	1430	1238	1242	1343	1383	1048	1247
March	651	1040	856	1024	1145	1078	1060	1198	946	1075	1010	1062
April		610	450	618	506	662	595	497	676	757	600	652
May		258	226	302	411	354	283	421	298	347	447	321
June		62	81	124	50	97	77	48	157	124	119	99
July		0	19	32	11	35	5	10	23	8	28	19
August		20	25	45	30	37	44	15	75	43	33	43
September		127	165	226	158	114	223	116	133	135	121	206
October		454	542	586	569	308	534	471	506	556	524	536
November		612	802	679	820	866	682	705	802	737	850	830
December		1014	1272	1205	1242	1230	927	1304	1232	1141	1247	1233
TOTAL		6956	7049	7707	7397	7529	6754	7565	7960	8018	7176	7681

Note: Normal is a 30-year degree day average value for the period 1971-2000.

Source: National Oceanic and Atmospheric Administration

Definition: Degree-days are relative measurements of outdoor air temperature used as an index for heating and cooling energy requirements. Heating degree-days are the number of degrees that the daily average temperature falls below 65° F. Cooling degree-days are the number of degrees that the daily average temperature rises above 65° F. The daily average temperature is the mean of the maximum and minimum temperatures in a 24-hour period. For example, a weather station recording an average daily temperature of 40° F would report 25 heating degree-days for that day (and 0 cooling degree-days). If a weather station recorded an average daily temperature of 78° F, cooling degree-days for that station would be 13 (and 0 heating degree days).

Last Updated: 04/20/2012