

Table 20. Weather Summary, Selected U.S. Cities
 (Population Weighted Heating Degree-Days¹)

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The weather for the Nation, as measured by population-weighted heating degree-days from July 1, 1998, through October 31, 1998, has been 23 percent warmer than last year and 11 percent warmer than normal.

Location	Current 07/01/98 thru 10/31/98	Previous 07/01/97 thru 10/31/97	Normal 07/01 thru 10/31	Percent Change	
				Current vs. Previous	Current vs. Normal
U.S. Total, Population-Weighted	319	414	360	-23	-11
Cities					
Albuquerque	237	288	277	-18	-14
Amarillo	191	309	252	-38	-24
Asheville	232	335	364	-31	-36
Atlanta	54	162	148	-67	-64
Billings	599	660	794	-9	-25
Boise	471	500	600	-6	-21
Boston	372	488	399	-24	-7
Buffalo	493	669	583	-26	-15
Cheyenne	714	836	884	-15	-19
Chicago	322	503	494	-36	-35
Cincinnati	313	415	378	-25	-17
Cleveland	428	556	497	-23	-14
Columbia, SC	73	151	143	-52	-49
Denver	505	576	573	-12	-12
Des Moines	365	488	454	-25	-20
Detroit	408	572	553	-29	-26
Fargo	661	781	904	-15	-27
Hartford	462	562	499	-18	-7
Houston	8	66	31	***	***
Jacksonville	12	33	31	***	***
Kansas City	222	341	341	-35	-35
Las Vegas	38	57	62	***	***
Los Angeles	19	6	58	***	***
Memphis	59	182	141	-68	-58
Miami	0	0	0	***	***
Milwaukee	384	633	620	-39	-38
Minneapolis	499	657	702	-24	-29
Montgomery	42	116	91	***	***
New York	202	290	281	-30	-28
Oklahoma City	75	201	152	-63	-51
Omaha	307	475	461	-35	-33
Philadelphia	235	339	315	-31	-25
Phoenix	3	9	17	***	***
Pittsburgh	432	542	514	-20	-16
Portland, ME	631	792	751	-20	-16
Providence	394	500	457	-21	-14
Raleigh	168	239	198	-30	-15
Richmond	194	269	256	-28	-24
St. Louis	176	293	258	-40	-32
Salem, OR	491	464	605	6	-19
Salt Lake City	487	457	481	7	1
San Francisco	371	141	374	163	-1
Seattle	499	549	657	-9	-24
Shreveport	37	109	63	***	***
Washington, DC	166	259	209	-36	-21

¹See Glossary.

*** = Normal heating degree-days or less, or ratio incalculable.

Note:• The total heating degree-days for the previous heating season (July 1, 1997 - June 30, 1998) was 4,299 and the normal is 4,575. • A new method for calculating heating/cooling degree days was implemented by the Climate Analysis Center in October 1993, with further refinements implemented in November 1993. The routines incorporate 1961-1990 normals supplied by the National Climatic Data Center, and 1990 census data for calculation of population weighted degree days.