

AMERICAN GAS ASSOCIATION
Interoffice Memorandum

TO: Distribution

Date: July 22, 2024

FROM: Paul Pierson

SUBJECT: Weekly Cooling Degree Day Data

COOLING DEGREE DAY SUMMARY

For the week ending July 20, the weather in the United States was 2.3 percent cooler than last year and 16.2 percent warmer than normal. All regions were warmer than last year except the W.S. Central, Mountain, and Pacific regions. All regions were warmer than normal except the E.N. Central, W.N. Central, and W.S. Central regions. For the month of June, the weather in the United States was 39.7 percent warmer than last year and 23.9 percent warmer than normal.

WEEKLY COMPARISON

Week Ending	2024	2023	Normal	% Change: 2024		% Change: 2024	
				From 2023		From Normal	
05/04/24	18	8	12	125.0	Warmer	50.0	Warmer
05/11/24	22	20	15	10.0	Warmer	46.7	Warmer
05/18/24	19	26	20	26.9	Cooler	5.0	Cooler
05/24/24	37	20	27	85.0	Warmer	37.0	Warmer
06/01/24	30	26	33	15.4	Warmer	9.1	Cooler
06/08/24	49	36	39	36.1	Warmer	25.6	Warmer
06/15/24	48	33	46	45.5	Warmer	4.3	Warmer
06/22/24	74	44	54	68.2	Warmer	37.0	Warmer
06/29/24	79	60	61	31.7	Warmer	29.5	Warmer
07/06/24	79	82	67	3.7	Cooler	17.9	Warmer
07/13/24	89	75	72	18.7	Warmer	23.6	Warmer
07/20/24	86	88	74	2.3	Cooler	16.2	Warmer
Cumulative	630	518	520	21.6	Warmer	21.2	Warmer

MONTHLY COMPARISON COOLING DEGREE DATA

Month Ending	2024	2023	Normal	% Change: 2024		% Change: 2024	
				From 2023		From Normal	
April	38	36	30	5.6	Warmer	26.7	Warmer
May	117	90	97	30.0	Warmer	20.6	Warmer
June	264	189	213	39.7	Warmer	23.9	Warmer

COOLING DEGREE DAYS BY CENSUS REGION FOR THE WEEK ENDING: July 20, 2024

Region	2024	2023	Normal	% Change: 2024		% Change: 2024	
				From 2023		From Normal	
New England	74	67	43	10.4	Warmer	72.1	Warmer
Middle Atlantic	76	72	58	5.6	Warmer	31.0	Warmer
E N Central	56	49	57	14.3	Warmer	1.8	Cooler
W N Central	63	58	72	8.6	Warmer	12.5	Cooler
South Atlantic	114	107	97	6.5	Warmer	17.5	Warmer
E S Central	100	97	95	3.1	Warmer	5.3	Warmer
W S Central	122	152	125	19.7	Cooler	2.4	Cooler
Mountain	97	106	79	8.5	Cooler	22.8	Warmer
Pacific	67	78	43	14.1	Cooler	55.8	Warmer
United States	86	88	74	2.3	Cooler	16.2	Warmer

CUMULATIVE COOLING DEGREE DAYS BY CENSUS REGION

Region	2024	2023	Normal	% Change: 2024		% Change: 2024	
				From 2023		From Normal	
New England	331	254	179	30.3	Warmer	84.9	Warmer
Middle Atlantic	414	303	294	36.6	Warmer	40.8	Warmer
E N Central	391	299	353	30.8	Warmer	10.8	Warmer
W N Central	461	466	455	1.1	Cooler	1.3	Warmer
South Atlantic	964	764	779	26.2	Warmer	23.7	Warmer
E S Central	886	705	701	25.7	Warmer	26.4	Warmer
W S Central	1212	1163	1046	4.2	Warmer	15.9	Warmer
Mountain	628	505	546	24.4	Warmer	15.0	Warmer
Pacific	334	217	253	53.9	Warmer	32.0	Warmer
United States	630	518	520	21.6	Warmer	21.2	Warmer

The regional degree day statistics stated in this memo are weighted by electric home air conditioning customers instead of population.

The definition of cooling degree days is a measure of the need for air conditioning (cooling) based on temperature and humidity.

Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration.