

**AMERICAN GAS ASSOCIATION  
Interoffice Memorandum**

TO: Distribution

Date: October 7, 2024

FROM: Paul Pierson

SUBJECT: Weekly Cooling Degree Day Data

**COOLING DEGREE DAY SUMMARY**

For the week ending October 5, the weather in the United States was 9.7 percent warmer than last year and was 61.9 percent warmer than normal. All regions were cooler than last year except the South Atlantic, Mountain, and Pacific regions. All regions were warmer than normal except the New England and Middle Atlantic regions. For the month of September, the weather in the United States was 1.7 percent cooler than last year and 13.5 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
07/27/24	74	86	75	14.0	Cooler	1.3	Cooler
08/03/24	89	80	74	11.3	Warmer	20.3	Warmer
08/10/24	79	74	72	6.8	Warmer	9.7	Warmer
08/17/24	68	76	68	10.5	Cooler	-	nc
08/24/24	53	72	63	26.4	Cooler	15.9	Cooler
08/31/24	74	68	55	8.8	Warmer	34.5	Warmer
09/07/24	50	64	48	21.9	Cooler	4.2	Warmer
09/14/24	37	48	41	22.9	Cooler	9.8	Cooler
09/21/24	44	28	33	57.1	Warmer	33.3	Warmer
09/28/24	35	30	26	16.7	Warmer	34.6	Warmer
10/05/24	34	31	21	9.7	Warmer	61.9	Warmer
<b>Cumulative</b>	<b>1267</b>	<b>1175</b>	<b>1096</b>	<b>7.8</b>	<b>Warmer</b>	<b>15.6</b>	<b>Warmer</b>

**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
July	364	371	321	1.9	Cooler	13.4	Warmer
August	316	319	290	0.9	Cooler	9.0	Warmer
September	176	179	155	1.7	Cooler	13.5	Warmer

**COOLING DEGREE DAYS BY CENSUS REGION FOR THE WEEK ENDING: October 5, 2024**

Region	2024	2023	Normal	% Change: 2024		% Change: 2024	
				From 2023		From Normal	
New England	0	2	0	100.0	Cooler	0.0	nc
Middle Atlantic	0	5	4	100.0	Cooler	100.0	Cooler
E N Central	6	21	4	71.4	Cooler	50.0	Warmer
W N Central	15	45	7	66.7	Cooler	114.3	Warmer
South Atlantic	59	47	41	25.5	Warmer	43.9	Warmer
E S Central	41	46	25	10.9	Cooler	64.0	Warmer
W S Central	73	89	50	18.0	Cooler	46.0	Warmer
Mountain	48	16	24	200.0	Warmer	100.0	Warmer
Pacific	50	8	17	525.0	Warmer	194.1	Warmer
United States	34	31	21	9.7	Warmer	61.9	Warmer

**CUMULATIVE COOLING DEGREE DAYS BY CENSUS REGION**

Region	2024	2023	Normal	% Change: 2024		% Change: 2024	
				From 2023		From Normal	
New England	566	547	418	3.5	Warmer	35.4	Warmer
Middle Atlantic	766	687	654	11.5	Warmer	17.1	Warmer
E N Central	776	661	703	17.4	Warmer	10.4	Warmer
W N Central	982	1055	915	6.9	Cooler	7.3	Warmer
South Atlantic	1857	1671	1615	11.1	Warmer	15.0	Warmer
E S Central	1722	1561	1453	10.3	Warmer	18.5	Warmer
W S Central	2395	2578	2150	7.1	Cooler	11.4	Warmer
Mountain	1338	1167	1157	14.7	Warmer	15.6	Warmer
Pacific	867	652	655	33.0	Warmer	32.4	Warmer
United States	1267	1175	1096	7.8	Warmer	15.6	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.