

**AMERICAN GAS ASSOCIATION**  
**Interoffice Memorandum**

TO: Distribution

Date: July 1, 2024

FROM: Paul Pierson

SUBJECT: Weekly Cooling Degree Day Data

**COOLING DEGREE DAY SUMMARY**

For the week ending June 29, the weather in the United States was 31.7 percent warmer than last year and 29.5 percent warmer than normal. All regions were warmer than last year except the W.S. Central region. All regions were warmer than normal. For the month of May, the weather in the United States was 30.0 percent warmer than last year and 20.6 percent warmer than normal.

**WEEKLY COMPARISON**

| Week<br>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        |
| <b>Cumulative</b> | <b>376</b> | <b>273</b> | <b>307</b> | <b>37.7</b>    | <b>Warmer</b> | <b>22.5</b>    | <b>Warmer</b> |

**MONTHLY COMPARISON COOLING DEGREE DATA**

| Month<br>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 |

**COOLING DEGREE DAYS BY CENSUS REGION FOR THE WEEK ENDING: June 29, 2024**

| Region          | 2024 | 2023 | Normal | % Change: 2024 |        | % Change: 2024 |        |
|-----------------|------|------|--------|----------------|--------|----------------|--------|
|                 |      |      |        | From 2023      |        | From Normal    |        |
| New England     | 38   | 37   | 24     | 2.7            | Warmer | 58.3           | Warmer |
| Middle Atlantic | 54   | 41   | 39     | 31.7           | Warmer | 38.5           | Warmer |
| E N Central     | 51   | 40   | 44     | 27.5           | Warmer | 15.9           | Warmer |
| W N Central     | 73   | 65   | 57     | 12.3           | Warmer | 28.1           | Warmer |
| South Atlantic  | 112  | 84   | 86     | 33.3           | Warmer | 30.2           | Warmer |
| E S Central     | 109  | 80   | 82     | 36.3           | Warmer | 32.9           | Warmer |
| W S Central     | 136  | 142  | 113    | 4.2            | Cooler | 20.4           | Warmer |
| Mountain        | 87   | 51   | 66     | 70.6           | Warmer | 31.8           | Warmer |
| Pacific         | 51   | 8    | 31     | 537.5          | Warmer | 64.5           | Warmer |
| United States   | 79   | 60   | 61     | 31.7           | Warmer | 29.5           | Warmer |

**CUMULATIVE COOLING DEGREE DAYS BY CENSUS REGION**

| Region          | 2024 | 2023 | Normal | % Change: 2024 |        | % Change: 2024 |        |
|-----------------|------|------|--------|----------------|--------|----------------|--------|
|                 |      |      |        | From 2023      |        | From Normal    |        |
| New England     | 126  | 64   | 65     | 96.9           | Warmer | 93.8           | Warmer |
| Middle Atlantic | 192  | 84   | 134    | 128.6          | Warmer | 43.3           | Warmer |
| E N Central     | 233  | 137  | 192    | 70.1           | Warmer | 21.4           | Warmer |
| W N Central     | 288  | 295  | 250    | 2.4            | Cooler | 15.2           | Warmer |
| South Atlantic  | 626  | 447  | 494    | 40.0           | Warmer | 26.7           | Warmer |
| E S Central     | 579  | 421  | 426    | 37.5           | Warmer | 35.9           | Warmer |
| W S Central     | 837  | 746  | 681    | 12.2           | Warmer | 22.9           | Warmer |
| Mountain        | 353  | 239  | 319    | 47.7           | Warmer | 10.7           | Warmer |
| Pacific         | 116  | 43   | 134    | 169.8          | Warmer | 13.4           | Cooler |
| United States   | 376  | 273  | 307    | 37.7           | Warmer | 22.5           | 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.