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

TO: Distribution Date: **April 3, 2023**

FROM: Paul Pierson

SUBJECT: Weekly Heating Degree Day Data

## HEATING DEGREE DAY SUMMARY

For the week ending April 1, the weather in the United States was 2.2 percent warmer than last year and 10.7 percent colder than normal. All regions experienced warmer temperatures than last year except the W.N. Central, W.S. Central, Mountain, and Pacific regions. All regions experienced warmer temperatures than normal except the E.N. Central, W.N. Central, Mountain, and Pacific regions. For the month of Match, the weather in the United States was 15.1 percent colder than last year and 5.5 percent colder than normal.

## WEEKLY COMPARISON

| Week Ending | 2022/ 2023 | 2021/ 2022 | Normal | % Change: 22/23 from 21/22 | | % Change: 22/23 from Normal | |
|---|---|---|---|---|---|---|---|
| 10/01/22 | 41 | 20 | 36 | 105.0 | Colder | 13.9 | Colder |
| 10/08/22 | 50 | 15 | 48 | 233.3 | Colder | 4.2 | Colder |
| 10/15/22 | 56 | 30 | 61 | 86.7 | Colder | 8.2 | Warmer |
| 10/22/22 | 89 | 58 | 76 | 53.4 | Colder | 17.1 | Colder |
| 10/29/22 | 75 | 77 | 91 | 2.6 | Warmer | 17.6 | Warmer |
| 11/05/22 | 72 | 111 | 106 | 35.1 | Warmer | 32.1 | Warmer |
| 11/12/22 | 97 | 95 | 122 | 2.1 | Colder | 20.5 | Warmer |
| 11/19/22 | 194 | 127 | 139 | 52.8 | Colder | 39.6 | Colder |
| 11/26/22 | 161 | 152 | 155 | 5.9 | Colder | 3.9 | Colder |
| 12/03/22 | 165 | 137 | 170 | 20.4 | Colder | 2.9 | Warmer |
| 12/10/22 | 163 | 161 | 185 | 1.2 | Colder | 11.9 | Warmer |
| 12/17/22 | 188 | 139 | 197 | 35.3 | Colder | 4.6 | Warmer |
| 12/24/22 | 254 | 183 | 209 | 38.8 | Colder | 21.5 | Colder |
| 12/31/22 | 200 | 156 | 218 | 28.2 | Colder | 8.3 | Warmer |
| 01/07/23 | 152 | 214 | 223 | 29.0 | Warmer | 31.8 | Warmer |
| 01/14/23 | 179 | 208 | 226 | 13.9 | Warmer | 20.8 | Warmer |
| 01/21/23 | 178 | 229 | 225 | 22.3 | Warmer | 20.9 | Warmer |
| 01/28/23 | 202 | 248 | 222 | 18.5 | Warmer | 9.0 | Warmer |
| 02/04/23 | 240 | 231 | 217 | 3.9 | Colder | 10.6 | Colder |
| 02/11/23 | 169 | 194 | 210 | 12.9 | Warmer | 19.5 | Warmer |
| 02/18/23 | 168 | 193 | 199 | 13.0 | Warmer | 15.6 | Warmer |
| 02/25/23 | 171 | 198 | 187 | 13.6 | Warmer | 8.6 | Warmer |
| 03/04/23 | 157 | 167 | 174 | 6.0 | Warmer | 9.8 | Warmer |
| 03/11/23 | 155 | 159 | 161 | 2.5 | Warmer | 3.7 | Warmer |
| 03/18/23 | 172 | 131 | 149 | 31.3 | Colder | 15.4 | Colder |
| 03/25/23 | 150 | 102 | 135 | 47.1 | Colder | 11.1 | Colder |
| 04/01/23 | 135 | 138 | 122 | 2.2 | Warmer | 10.7 | Colder |
| **Cumulative** | **4033** | **3873** | **4263** | **4.1** | **Colder** | **5.4** | **Warmer** |

## MONTHLY COMPARISON

| Month Ending | 2022/ 2023 | 2021/ 2022 | Normal | % Change: 22/23 from 21/22 | | % Change: 22/23 from Normal | |
|---|---|---|---|---|---|---|---|
| September | 66 | 42 | 87 | 57.1 | Colder | 24.1 | Warmer |
| October | 299 | 205 | 310 | 45.9 | Colder | 3.5 | Warmer |
| November | 588 | 677 | 676 | 13.1 | Warmer | 13.0 | Warmer |
| December | 883 | 688 | 884 | 28.3 | Colder | 0.1 | Warmer |
| January | 811 | 1003 | 990 | 19.1 | Warmer | 18.1 | Warmer |
| February | 717 | 796 | 793 | 9.9 | Warmer | 9.6 | Warmer |
| March | 685 | 595 | 649 | 15.1 | Colder | 5.5 | Colder |

## HEATING DEGREE DAYS BY CENSUS REGION FOR THE WEEK ENDING April 1, 2023

| Region | 2022/ 2023 | 2021/ 2022 | Normal | % Change: 22/23 from 21/22 | | % Change: 22/23 from Normal | |
|---|---|---|---|---|---|---|---|
| New England | 171 | 185 | 172 | 7.6 | Warmer | 0.6 | Warmer |
| Middle Atlantic | 145 | 189 | 156 | 23.3 | Warmer | 7.1 | Warmer |
| E N Central | 170 | 205 | 162 | 17.1 | Warmer | 4.9 | Colder |
| W N Central | 197 | 195 | 158 | 1.0 | Colder | 24.7 | Colder |
| South Atlantic | 65 | 101 | 85 | 35.6 | Warmer | 23.5 | Warmer |
| E S Central | 60 | 90 | 80 | 33.3 | Warmer | 25.0 | Warmer |
| W S Central | 37 | 34 | 44 | 8.8 | Colder | 15.9 | Warmer |
| Mountain | 193 | 107 | 139 | 80.4 | Colder | 38.8 | Colder |
| Pacific | 132 | 72 | 80 | 83.3 | Colder | 65.0 | Colder |
| **United States** | **135** | **138** | **122** | **2.2** | **Warmer** | **10.7** | **Colder** |

## CUMULATIVE HEATING DEGREE DAYS BY CENSUS REGION

| Region | 2022/ 2023 | 2021/ 2022 | Normal | % Change: 22/23 from 21/22 | | % Change: 22/23 from Normal | |
|---|---|---|---|---|---|---|---|
| New England | 4695 | 4929 | 5393 | 4.7 | Warmer | 12.9 | Warmer |
| Middle Atlantic | 4423 | 4550 | 5077 | 2.8 | Warmer | 12.9 | Warmer |
| E N Central | 5088 | 5128 | 5617 | 0.8 | Warmer | 9.4 | Warmer |
| W N Central | 5844 | 5535 | 5909 | 5.6 | Colder | 1.1 | Warmer |
| South Atlantic | 2874 | 2849 | 3317 | 0.9 | Colder | 13.4 | Warmer |
| E S Central | 2862 | 2912 | 3341 | 1.7 | Warmer | 14.3 | Warmer |
| W S Central | 2059 | 1943 | 2258 | 6.0 | Colder | 8.8 | Warmer |
| Mountain | 5142 | 4418 | 4736 | 16.4 | Colder | 8.6 | Colder |
| Pacific | 2860 | 2259 | 2417 | 26.6 | Colder | 18.3 | Colder |
| **United States** | **4033** | **3873** | **4263** | **4.1** | **Colder** | **5.4** | **Warmer** |

*The regional degree day statistics stated in this memo are weighted by gas home heating customers instead of by population.*
*A heating degree day is a measure of the coldness of the weather experienced, based on the extent to which the daily mean temperature falls below 65 degrees Fahrenheit. A daily mean temperature represents the sum of the high and low reading, divided by two.*
*Source: U.S. Department of Commerce, National Oceanic and Atmospheric Administration*