

Multi-City Weather Comparison

January 25, 2026

Regional Climate Analysis | 5 US Cities

WARMEST CITY

Miami, FL

COLDEST CITY

Chicago, IL

WETTEST CITY

Seattle, WA

CITIES COMPARED

5

Temperature Comparison

| City | Avg Temp | Temp Range | Hot Days | Frost Days |
|--------------------|----------|------------|----------|------------|
| Miami, FL | 22.6°C | 23.8°C | 0 | 0 |
| Houston, TX | 16.9°C | 30.4°C | 0 | 1 |
| Seattle, WA | 8.2°C | 16.6°C | 0 | 1 |
| Denver, CO | 5.3°C | 41.0°C | 0 | 42 |
| Chicago, IL | 1.4°C | 38.6°C | 0 | 48 |

Precipitation Comparison

| City | Total Precip | Rainy Days | Rain Frequency |
|--------------------|--------------|------------|----------------|
| Seattle, WA | 576.7 mm | 63 days | 70% |
| Houston, TX | 203.3 mm | 35 days | 39% |

| | | | |
|--------------------|----------|---------|-----|
| Chicago, IL | 190.8 mm | 42 days | 47% |
| Miami, FL | 144.5 mm | 49 days | 54% |
| Denver, CO | 30.1 mm | 15 days | 17% |

Energy Demand Comparison

| City | HDD (Heating) | CDD (Cooling) | Dominant Season |
|--------------------|---------------|---------------|-----------------|
| Miami, FL | 23 | 438 | Summer/Cooling |
| Houston, TX | 271 | 166 | Winter/Heating |
| Seattle, WA | 889 | 0 | Winter/Heating |
| Denver, CO | 1156 | 0 | Winter/Heating |
| Chicago, IL | 1509 | 0 | Winter/Heating |

Regional Climate Insights:

- Temperature spread across cities: 21.1°C
- Most variable climate: Denver, CO (41°C range)
- Highest energy demand: Chicago, IL

Methodology: 90-day parallel analysis across all cities using Open-Meteo ERA5 data. Degree days computed with 18°C base. Hot days >35°C, Frost days <0°C. All cities analyzed over identical time period for direct comparison.