

# 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.