

# CLIMATE GRAPH MATCHING

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Instructions:** Match each city on the world map to its climate graph.  
For each city, consider **latitude**, **elevation**, and **nearness to water**.

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## **What affects climate?**

- **Latitude:**
  - **polar climate** (near North/South pole): very cold winters, cool summers
  - **tropical climate** (near equator): hot temperatures every season, wet conditions
  - **temperate climate** (in between): moderate conditions year round
  - **desert climate:** dry conditions around 23.5° latitude (Tropic of Cancer/Capricorn)
  - **Northern hemisphere:** warmest around July
  - **Southern hemisphere:** coolest around July
- **Elevation:**
  - **mountain climate:** cooler than places at lower altitudes
- **Nearness to water:**
  - **maritime climate** (near ocean/sea): more moderate, wetter conditions
  - **continental climate:** hot summers, cold winters, drier conditions

Min temp: -3 °C

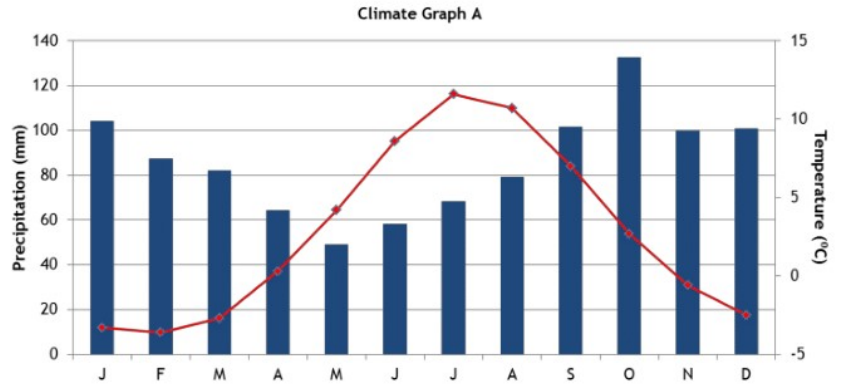
Max temp: 12 °C

Hemisphere: N

Other info: Maritime climate

This must be a climate graph for:

Tromso, Norway



Min temp: 3 °C

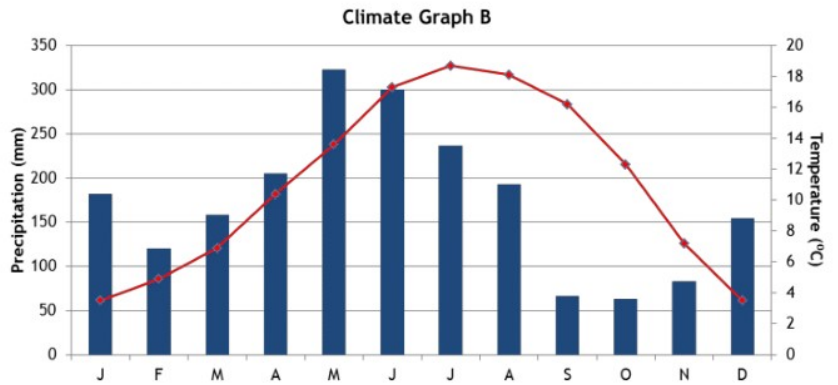
Max temp: 18 °C

Hemisphere: N

Other info: Temperate/maritime  
high annual precipitation

This must be a climate graph for:

Paris, France



Min temp: 16 °C

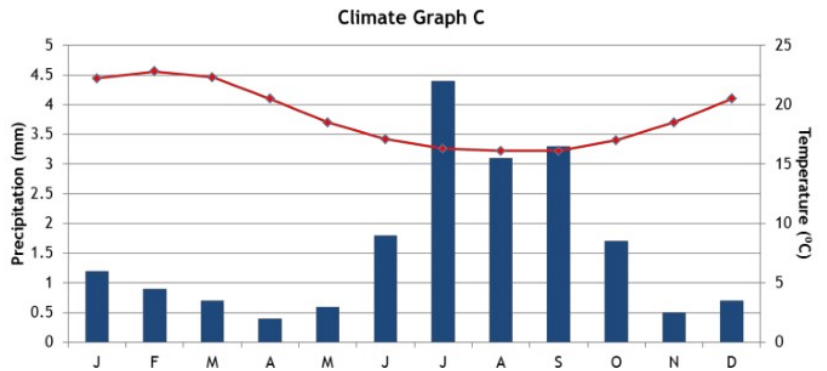
Max temp: 23 °C

Hemisphere: S

Other info: mild desert climate

This must be a climate graph for:

Lima, Peru



Min temp: 18.2 °C

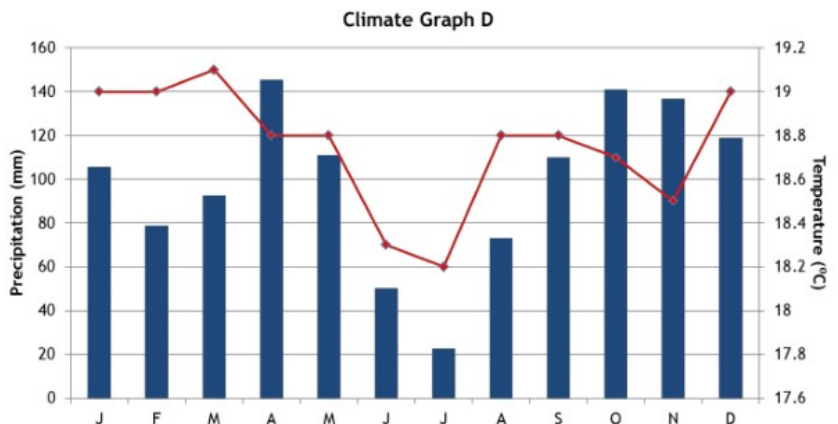
Max temp: 19.1 °C

Hemisphere: S (near equator, 2° S)

Other info: Tropical/Mountain  
(elevation 1503 m)

This must be a climate graph for:

Goma, The Congo



Min temp: 15 °C

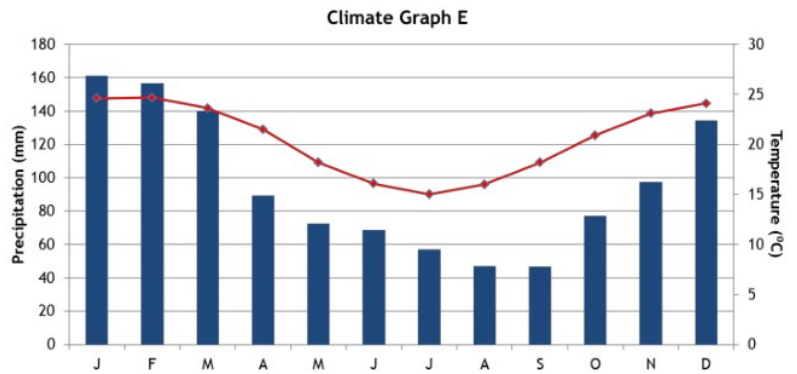
Max temp: 25 °C

Hemisphere: S

Other info: Maritime climate

This must be a climate graph for:

Brisbane, Australia



Min temp: 14 °C

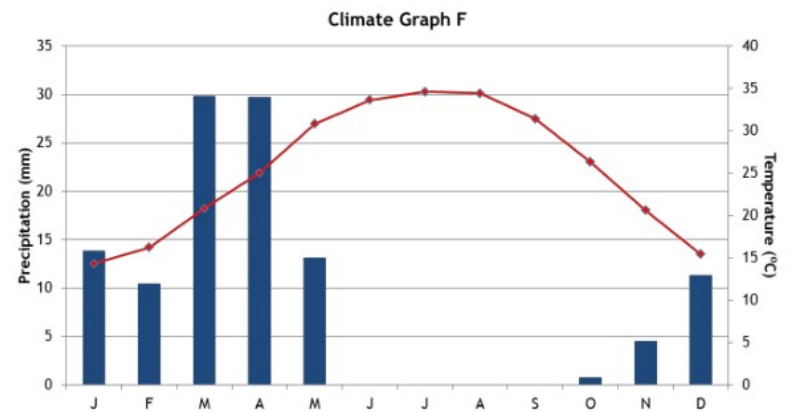
Max temp: 35 °C

Hemisphere: N (25° N)

Other info: Desert climate  
(near Tropic of Cancer)

This must be a climate graph for:

Riyadh, Saudi Arabia



Min temp: -19 °C

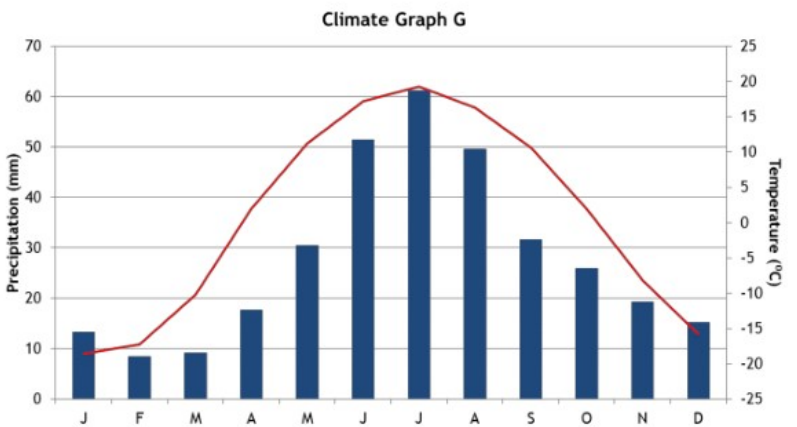
Max temp: 19 °C

Hemisphere: N

Other info: Continental climate

This must be a climate graph for:

Omsk, Russia



Min temp: 13 °C

Max temp: 21 °C

Hemisphere: N

Other info: Temperate/maritime

This must be a climate graph for:

Los Angeles, USA

