**WORLD CLIMOGRAPHS**

For each city indicated on the world map, identify its climograph from those shown and explain your choice based on what you know about global climate distributions (the units on the left axis are °C, on the right are mm). **HINT:** Think about the north-south motion of the ITCZ and STHPC's through the year.

a) Phoenix, USA  **A**

- Low rainfall all year ⇒ arid
- Warm all year, hot in JJA ⇒ low latitude north

b) Quito, Equador  **E**

- Two rainy seasons, dry JJA ⇒ equatorial
- Moderately warm, little variation ⇒ equatorial
- Cooler than other equatorial ⇒ high altitude

c) Mbandaka, Zaire  **F**

- Two rainy seasons, dry JJA ⇒ equatorial
- Warm all year, little variation ⇒ equatorial
- Warmer than other equatorial ⇒ high altitude

d) Mumbai, India  **D**

- One big JJA rainy season ⇒ monsoons
- Warm all year, little variation ⇒ tropical

e) Ulan Bator, Mongolia  **B**

- Some rain in summer ⇒ arid, continental
- Huge temperature variation ⇒ continental
- Warm in JJA, very cold DJF ⇒ high northern latitude

f) Christchurch, New Zealand  **C**

- Slightly rainy all year ⇒ coastal
- Small temperature variation ⇒ marine
- Cool in JJA, never very cold ⇒ moderate southern latitude