

Interpreting Climate Graphs

$$\text{Average Annual Temperature} = \frac{12 \text{ average monthly temperatures}}{12}$$

$$\text{Temperature Range} = \text{Warmest Temperature} - \text{Coldest Temperature}$$

$$\text{Total Precipitation} = \text{Add 12 monthly precipitation levels}$$

$$\text{Seasonal Distribution Winter} = \text{Add precipitation levels for Oct, Nov, Dec, Jan, Feb, Mar}$$

$$\text{Seasonal Distribution Summer} = \text{Add precipitation levels for Apr, May, Jun, Jul, Aug, Sep}$$

Maritime Climate

- * temperature range $\leq 25^{\circ}\text{C}$
- * total precipitation $> 1000\text{ mm}$
- * seasonal distribution of precipitation = winter maximum

Continental Climate

- * temperature range $> 25^{\circ}\text{C}$
- * total precipitation $< 1000\text{ mm}$
- * seasonal distribution of precipitation = summer maximum

- * If there is a large difference between winter and summer seasonal distribution of precipitation then the climate region is on the **West Coast**
- * If there is a small difference between winter and summer seasonal distribution of precipitation then the climate region is on the **East Coast**