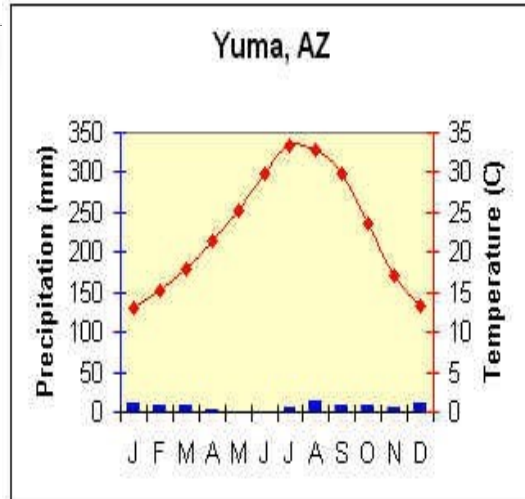




Variations in Canada's Climate

- Canada has many types of climates
- But they have been simplified into 4 climates:
 - Dry
 - Warm/ Moist
 - Cool/ Moist
 - Polar

Dry Climates



- ✓ amount of evaporation may exceed amounts of precipitation
- ✓ some are warm, and some are cool
- ✓ little rain and a huge daily temperature range.
- ✓ Two subgroups
 - ✓ semiarid or steppe
 - ✓ arid or desert

Osoyoos, Okanagan Valley, British Columbia

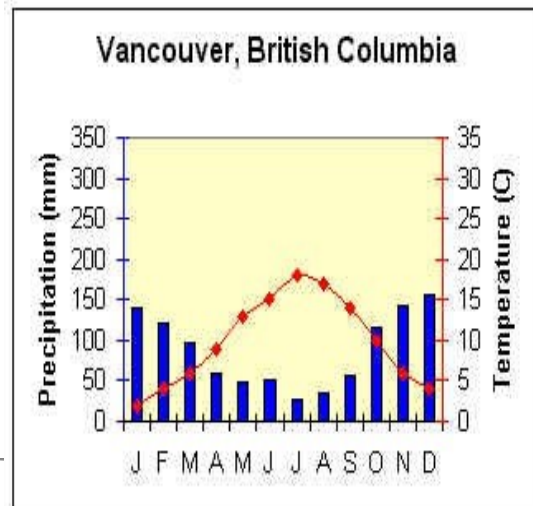
- Osoyoos is the only desert in Canada with the lowest rainfall, the highest temperatures, and the warmest lakes.
- average rainfall of less than 20 cm per year.
- growth is sparse, and the desert plants and animals of this area are found nowhere else in Canada.
- Pocket Desert is part of the Great Basin Deserts, extending southward to the Sonoran Desert in Mexico

Warm, Moist Climates

(Maritime-West Coast)



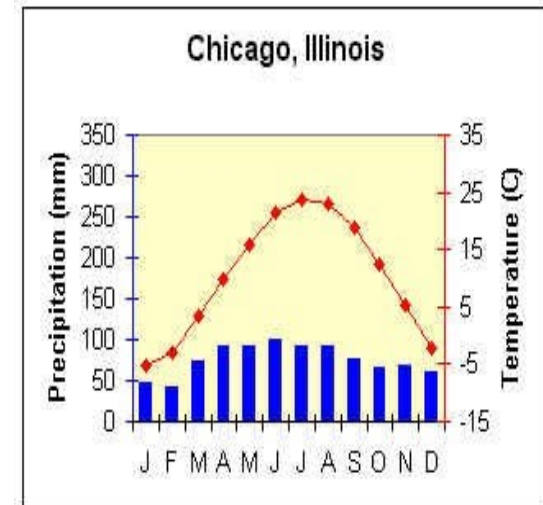
- ✓ warm, humid summers and mild winters
- ✓ latitude, land, water play a large part
- ✓ dry summers and wet winters.



Cool, Moist Climates

(Temperate continental)

- ✓ over 70% of Canada
- ✓ warmest version (humid with warm summers)
- ✓ Subarctic zone (short, cool summer & only 1-3 months over 10°C)
- ✓ interior regions of large land masses
- ✓ total precipitation is not very high and seasonal temperatures vary widely.



Polar Climates

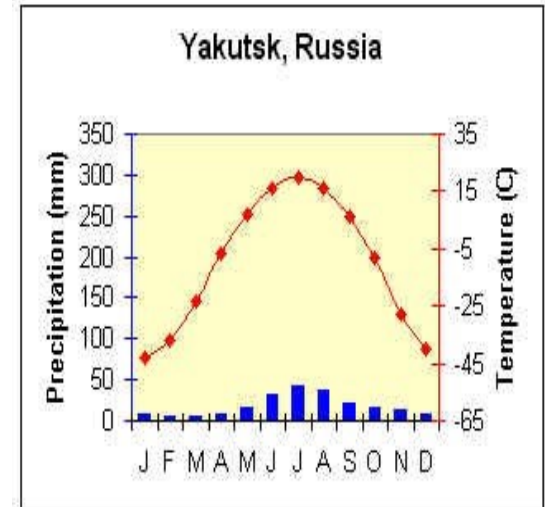
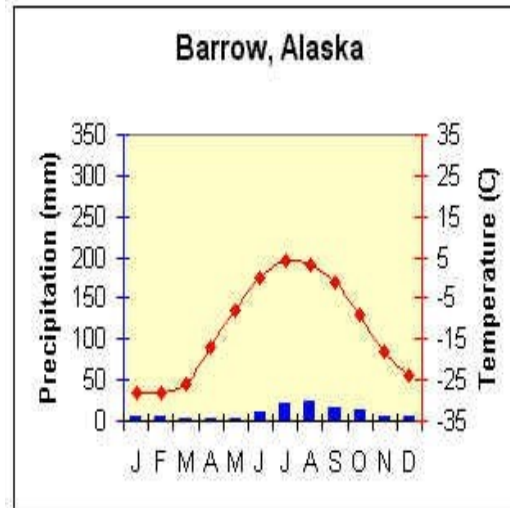
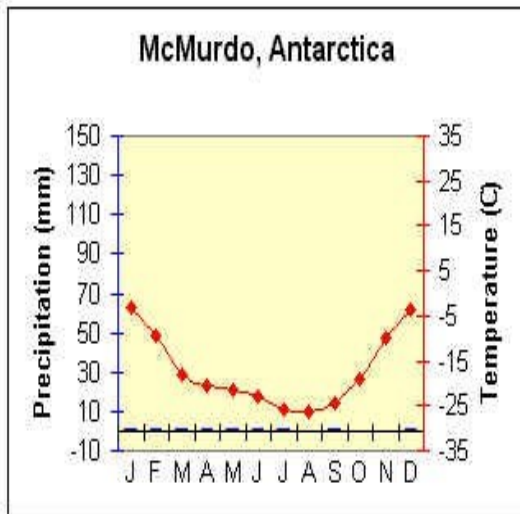
- ✓ very cold and dry
- ✓ Tundra zone and Ice Cap area
- ✓ permanent ice and tundra are always present
- ✓ only about four months of the year have above freezing temperatures



Polar Climates continued

(High Latitude Climates)

- Subarctic
- Tundra
- Ice Cap



Climate Graphs

Online Resource 2012

Year 8 Geography

How to create a
Climatic Graph

Humanities Department

CORPUS CHRISTI COLLEGE

The image shows a blue rectangular graphic with rounded corners, framed by a white border with four red circular accents at the corners. The graphic contains text and a logo. The logo is a red cross with white circles at the intersections, set within a blue square. The text is white and yellow. The background is a solid blue color.



The End