

Variations in Canada's Climate Types of Climate

RECALL: There are 2 general types of climate in Canada: 1) Continental & 2) Maritime

	What is this climate like?	Why is this climate this way?	Two cities or towns that have this climate
continental climate --far from oceans & large lakes	--temp. range is high --high temps in summer --cold temps in winter --precipitation is moderate	-no body of water to moderate the temp.	Timmins, ON Ottawa, ON
maritime climate --coastal locations	--temp. range is relatively small --precipitation is high	...the moderating effect of water means that areas by the ocean are cooler; more moisture	Halifax, NS Vancouver, BC

Using the slideshow from class, complete the rest of the note.

These 2 general types can be more specifically broken into 4 major climate types in Canada:

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-
-
-

Dry Climates

(Locations may vary)

- amount of _____ & _____ may exceed amounts of _____
- some are _____, and some are _____ (annual temp. less than 18°C)
- characterized by little _____ and a huge daily temperature _____.
- Two subgroups: "S" - _____ or _____,
"W" - arid or _____

Example: Osoyoos, British Columbia

- Ⓢ Canada's _____ climate, Osoyoos is the only _____ in Canada
- Ⓢ _____ rainfall, the _____ temperatures, and the _____ lakes.
- Ⓢ Osoyoos is located in the middle of the Southern _____ wine country, whose fine wines match any wines from anywhere in the world

Rainfall....in dry climates (ie. Osoyoos)

- This area receives an average rainfall of less than _____ cm per year. Growth is _____, and the desert _____ and animals of this area are found _____ else in Canada.
- This _____ Desert is part of the Great _____ Desert, part of the _____ of deserts that extend southward to the _____ Desert in _____

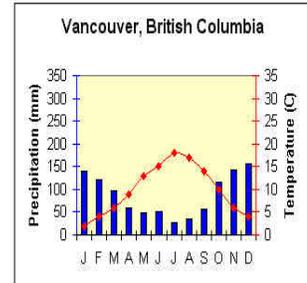
Vegetation....in dry climates (i.e. Osoyoos)

- The _____ and animals here are the _____ as those found in the higher _____ of the _____ portion of this _____. Typical plants found are _____, greasewood, _____ and antelope _____ and bunch grass.

Warm, Moist Climates

(Maritime/Marine West Coast)

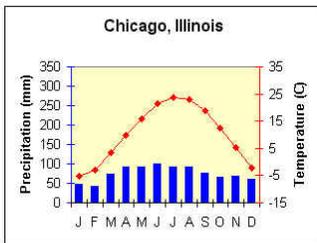
- _____, humid _____ and mild _____
- in _____ middle latitude climates, land/_____ differences play a large part
- these _____ have warm, dry _____ and cool, wet _____



Bar graph represents precipitation. Line graph represents temp.

Cool, Moist Climates

(Temperate continental/inland)



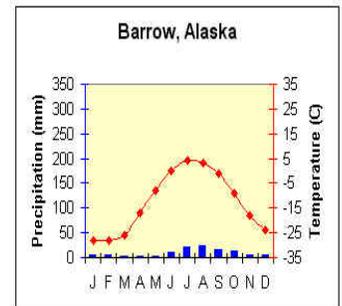
Bar graph represents precipitation. Line graph represents temp.

- over _____ of Canada
- warmest _____ (humid with warm _____)
- _____ zone (short, cool _____ & only 1-3 months over 10°C)
- found in the _____ regions of large _____ masses
- total _____ is not very high and seasonal _____ vary
- widely.

Polar Climates

(Well, North, of course! ☺)

- very _____ and _____
- _____ zone and _____ Cap area
- _____ ice (permafrost) and tundra are always _____
- only about _____ months of the year have above _____ temperatures
- Divided into these _____ Latitude Climates (What does this mean???)
 - _____
 - _____
 - _____



Bar graph represents precipitation. Line graph represents temp.