

Regions of Alberta

Alberta is a big province.

It has six natural regions.
Can you find the six regions on
the map?

Use the legend to color your map.



Legend

 Boreal Forest	 Grassland
 Canadian Shield	 Parkland
 Foothills	 Rocky Mountain

http://aet.alberta.ca/englishexpress/articles/pdf/ra11_09_13.pdf

Zooming In...Alberta's Regions – (Learn Alberta) <http://www.learnalberta.ca/content/sszi/en/index.html>

Foothills Region

- Located along the eastern slopes of the Rocky Mountains.
- First Nations people lived in this region hundreds of years ago.



http://www.trekearth.com/gallery/North_America/Canada/

**How can
people's
activities affect
animal life?**



<http://www.wisdomstick.com/portraits.html>

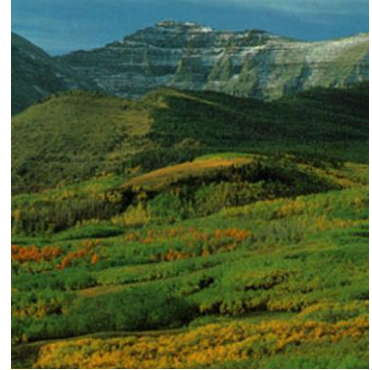
Foothills Region

Land

- There are forested hills, rolling grasslands and broad river valleys.
- The elevation gets higher the closer you get to the Rocky Mountains.
- There are many rivers and dams.
- The Brazeau Dam controls water flow and is used to produce electricity.



What is a dam?
What is it used for?



<http://bbs.keyhole.com/ubb/showflat.php?Number=190886>
<http://raysweb.net/specialplaces/pages/parkland.html>
<http://blog.travelpod.com/travel-blog-entries/ehjelter/1/1254>

Foothills Region

Plants

Coniferous trees have pines and stay green all year round. They are seen around the upper foothills region. Examples of these trees are Lodge pole pine, Spruce and Fir trees.

The lower foothills have short grassy areas, bushes and **deciduous** trees. Deciduous is the opposite of coniferous. **What do you think happens to these trees?**

Examples of deciduous trees are: Aspen, Birch, Willow and Poplar.



Why do you think there are so few communities in the Foothills Region?



<http://www.for.gov.bc.ca/hfd/library/documents/treebook/lo>
<http://withlightsteam.com/?p=442>
http://www.tree-pictures.com/poplar_tree_images.html
<http://hovergirl.wordpress.com/photos/>

Foothills Region

Animals

Animals have **adaptations** that help them survive in their environment. These are special features that help them.

Woodland caribou have several adaptations, such as long legs for walking in the snow and wide, curved hooves for digging in the snow to find food. **Can you think of other animals that have adaptations?**

The woodland caribou is considered an **endangered** animal in Alberta. **What could be some reasons that there aren't as many caribou as there used to be?**

Other animals found in this region include moose, black bears, coyotes, and cougars.



What does endangered mean?

[http://www.fws.gov/pacific/lawenforcement/Sam Stuff/Sept-](http://www.fws.gov/pacific/lawenforcement/Sam%20Stuff/Sept-)
<http://www.usageorge.com/Wallpapers/Animal/Moose.ht>
<http://animal.discovery.com/mammals/cougar/>
<http://www.arizonahunters.com/2010/11/black-bears-in-ari>
<http://www.dinosoria.com/coyote.htm>

Foothills Region

Land Use (Natural Resources)

Goose Mountain Ecological Reserve – is an area where plants are protected. Hikers are allowed to visit, but you cannot drive your car or pick the plants that grow there.

Fish, birds and animals are types of natural resources found in this area.

Oil, gas and coal are found here.

Metals, rocks and sand are also found in this region.

There are many paper mills found in this region. Trees can be used to create paper products as well as furniture and other wooden items. **Do you think it is a good idea to cut down trees to make things?**



What is the difference between these types of natural resources?



<http://www.superstock.com/stock-photography/paper+m>
<http://www.flickr.com/photos/royluck/2498713503/>

Foothills Region

Climate

The Pacific Ocean and The Rocky Mountains affect the climate of the Foothills region.

Warm, moist air moves in from the ocean and rises over the Rocky Mountains. It drops most of the moisture off in British Columbia or on the mountains in the form of rain or snow.

Warm winds are created as the air moves from the mountains to the foothills. They pick up speed and can become quite warm. When this happens in the winter, it is called a **chinook**.

**What is a chinook?
What could a sudden chinook do to the area in winter?**



<http://www.flickr.com/photos/stuckinthemetal/308099508>
<http://www.flickr.com/photos/pageworld/5646413213/>
<http://www.stormtrack.org/forum/showthread.php?22070-A>

Foothills Region

Travel Alberta
Canada 100

- Kananaskis and Canmore - <http://www.kananaskis.com/>
- Calaway Park - <http://www.calawaypark.com/>
- White Water Rafting - <http://www.rainbowriders.com/>
- Canada Olympic Park –

http://www.winsportcanada.ca/cop/index_cop.cfm



http://community.airmiles.ca/en/memory_gallery_detail/
<http://ibackpackcanada.com/backpack-calgary-alberta-ca>
<http://www.whitewater raftingtips.com/family-white-water->
<http://www.flickr.com/photos/altamons/100886005/>
<http://www.rockymountainreservations.com/>
http://www.winsportcanada.ca/cop/index_cop.cfm

Foothills Region

Jobs –

What types of jobs do you think are available in this region?

