Jasper

Jasper is a resort town located in the rocky mountain area of Alberta. It has an elevation of 1’060m and is one of the biggest tourist destinations in Alberta. It is known for its wide variety of activities that are done there, like skiing, snowboarding, hiking, and biking. They gave it the title “Jasper National Park”, because it’s a very nature-filled, and rural area and they wish to preserve it.

**Physical Landforms**

Jasper is located in on the edge of the Cordilleran Region (close to the interior plains). This means it’s a very mountainous area. These mountains had gotten there from tectonic plates moving into each other and pushing the earth up. There are also made up of valleys which were formed by glaciers carving them out, leaving the area filled with lots of different mountains and hills. There are also quite a bit of rivers and other fresh water sources which come from melting glaciers. The soil in jasper is layered with nutrients from falling mountains and nearby volcanoes.

Benefits of the topography of this area include skiing/snowboarding (equipment shops), nutrient filled soil (for agriculture), as well as tourism (hotels, gift shops, etc).

**Climate**

Jasper has not-too-cold winters and not-too-cold summers. Lots of recreational activities are played year-round because of this fact. This is due to the tropical and arctic winds meeting in this area and mixing together. It gets really cold during the months of November to February, January being the coldest month. This give a lot of time for people to enjoy snow sports. There is a lot of rainfall year-round due to the clouds trying to get over the higher parts of the Rocky Mountains and letting go of a bit of water to get lighter(Orographic rain). Jasper gets a lot of snow in the winter, this is due to the air not being extremely cold, making it able to hold moisture.

Benefits of the climate of this area include; crop growing (lots of water), skiing (skiing and snowboarding equipment shops, as well as shops that sell warm clothes), and transportation methods(ways to get around in the snow and up the mountain which people can pay for).

**Vegetation**

Jasper is filled with very thick forestry in many areas. This is due to the nutritious soils produced from mountains breaking down and the heavy rainfall/melting glaciers in jasper. This makes it a great home for a variety of animals, for example wolves, moose and mountain goats. In some other areas, many wildflowers grow, as well as some herbs. These are also because of the healthy soil and heavy rainfall.

Benefits of the rich vegetation include; forestry (lots of wood to sell), hunting (many animals live in the forests), herbs (for making teas and other remedies), sightseeing (tours of the nature), and other fruits and veggies that people can grow there.

Websites:

<https://www.nationalgeographic.com/travel/parks/jasper-canada-park/>

<https://www.jasper-alberta.com/2147/Climate>

<https://www.thecanadianencyclopedia.ca/en/article/jasper-national-park>