

Name _____

Exploring North Carolina's Diverse Climate

Open-Ended Response Answer Key

1. The Atlantic Ocean influences the coastal region's climate by moderating temperatures. It brings high humidity during the summer, resulting in warm and humid conditions. The ocean also affects daily life by providing opportunities for water-based activities like swimming and fishing.
2. North Carolina's diverse climate offers advantages such as year-round outdoor recreation and a variety of seasonal experiences. However, it can also pose challenges for those who prefer more consistent weather conditions.
3. One specific outdoor activity popular in North Carolina during each season includes hiking in the spring, swimming at the beach in the summer, exploring fall foliage in the autumn, and skiing in the winter. The climate is conducive to these activities due to the corresponding seasonal weather patterns.
4. North Carolina's climate plays a significant role in its tourism and agriculture sectors. The state's diverse climate attracts tourists throughout the year, contributing to the tourism industry's revenue. Additionally, the climate is suitable for various crops, making agriculture an essential part of the state's economy.

