

Name _____

California's Diverse Climate: From Sunny Beaches to Snowy Peaks

Open-Ended Response Answer Key

1. The diverse climate of California attracts tourists year-round. Coastal areas are popular for summer beach activities, while mountain regions offer winter sports like skiing and snowboarding. Inland areas with mild summers are great for outdoor adventures, and desert regions draw visitors with unique landscapes and stargazing opportunities.
2. Understanding California's climate is crucial for agriculture. Coastal areas with mild winters are ideal for growing crops year-round. Inland regions are suitable for various crops, while mountain areas provide clean water sources. Desert regions require water-efficient farming practices.
3. Living in a desert climate presents challenges such as extreme summer heat and temperature fluctuations. However, advantages include mild winters, clear skies for astronomy, and unique desert landscapes. Proper preparation and conservation are essential for residents.
4. Climate change may lead to more extreme weather events, impacting California's climate zones. Coastal areas may face rising sea levels, while wildfires may become more frequent in drier regions. Adaptation and sustainability measures are necessary to mitigate potential consequences.

