

Name _____

Ohio's Weather Wonders: Exploring the Climate Across the State

Open-Ended Response Answer Key

1. Answers may vary but could include choosing summer for outdoor festivals and warm weather or fall for foliage and hiking.
2. Northern Ohio experiences more snowfall and colder temperatures due to the lake-effect snow generated by Lake Erie. The lake's warmer waters interact with cold air masses, leading to increased snowfall in the region.
3. Climate change could lead to more extreme weather events, including heavier rainfall and hotter summers in Ohio. Individuals can take action by reducing greenhouse gas emissions, conserving energy, and supporting renewable energy sources.
4. Personal experiences will vary. Students may share stories of memorable winter storms, family traditions during specific seasons, or favorite outdoor activities enjoyed in Ohio's climate.

