

Name \_\_\_\_\_

## Weather Wonders: Unraveling the Mysteries of Extreme Events

### Open-Ended Response Answer Key

1. (Specific region or event required) Answers will vary based on the chosen region or event, its contributing factors, and the impact on the community.
2. Early warning systems are crucial for providing timely information and allowing communities to prepare for extreme weather events. They enable evacuations, resource allocation, and emergency response planning.
3. Urban planning strategies may include increasing green spaces, promoting reflective roofing materials, and creating cooling centers to protect residents during heatwaves.
4. Individual actions like reducing energy consumption and advocating for policies that address climate change can complement collective efforts to mitigate the impact of extreme weather events and create a more resilient future.

