

Name _____

The Storm Within: Understanding the Impact of Climate Change on Extreme Weather Events

Open-Ended Response Answer Key

1. Answers may discuss the role of warmer ocean waters in providing energy for hurricanes, the impact of increased rainfall on flooding, and the potential for stronger storm surges due to rising sea levels.
2. Possible discussions may include impacts on agriculture, water resources, ecosystems, and human health, as well as strategies for drought mitigation and adaptation.
3. Responses may cover vulnerabilities of specific populations, heat-related health risks, and the importance of community outreach and emergency response measures.
4. Possible discussions may include the complex interactions between atmospheric, oceanic, and terrestrial systems, as well as the need for interdisciplinary research and long-term monitoring to understand and address these challenges.

