

## Hurricane Cause-and-Effect Chains Answer Key

### Chain 1:

- Effect: Ocean water evaporates, adding water vapor to the air.

### Chain 2:

- Effect: The rising air creates low pressure at the surface.

### Chain 3:

- Effect: Clouds and heavy rain showers form.

### Chain 4:

- Effect: A tropical disturbance develops with organized circulation.

### Chain 5:

- Effect: The disturbance grows into a tropical storm and then a hurricane.

### Challenge Question (Sample Answer):

Warm ocean water is the "fuel" of a hurricane because it provides heat and moisture. This energy drives rising air, cloud formation, and strong winds. Without warm water, the storm cannot gain strength or survive.