

Name _____

Hurricane Timeline Activity Answer Key

Correct Order:

1. D - Tropical Disturbance → Thunderstorms cluster over warm water.
2. C - Tropical Depression → Storm organizes, winds < 39 mph.
3. B - Tropical Storm → Winds 39-73 mph, storm receives a name.
4. A - Hurricane → Winds \geq 74 mph, fully developed system.
5. E - Dissipation → Storm weakens as it loses warm water fuel.
6. F - Tropical Cyclone Decay → Storm fades and breaks apart.

Bonus Question (Sample Answer):

Hurricanes weaken over land because they lose their source of warm, moist ocean water, which fuels the storm. Friction with land surfaces and the lack of heat energy cause the winds to slow down and the storm to fall apart.