

Extreme Weather Challenge Answer Key

1. “Tornado Alley,” where tornadoes are most frequent in the United States, runs roughly _____.
 - b. from Texas and Louisiana through North Dakota and Minnesota
2. In order to qualify as a hurricane, a tropical storm must have maximum sustained winds exceeding _____.
 - b. 74 mph
3. Storms are given names when they achieve _____ status.
 - b. tropical storm
4. When the eye of a hurricane is passing over, an area experiences _____.
 - c. a temporary calm
5. During El Niño, unusually warm water in the _____ has a significant effect on the weather.
 - a. eastern Pacific Ocean
6. Exposure to extreme cold can cause _____.
 - c. hypothermia
7. The “Lake Effect” takes place when a snowstorm passes over a large lake and _____.
 - b. gathers moisture and deposits large amounts of snow on the area beyond it
8. Thunderstorms grow from _____ clouds.
 - c. cumulonimbus
9. The record for the hottest weather in the United States in the twentieth century was _____.
 - c. 134 degrees in Death Valley, California, in 1913
10. The record for the coldest weather in the United States in the twentieth century was _____.
 - c. -80 degrees in Prospect Creek, Alaska, in 1971