



# NOAA Jeopardy

## Grades 9-12: Weather

### Available Categories

- Weather & Climate
- Space Weather
- Hurricanes
- Fire
- Heat
- Lightening

### Weather & Climate

Answer	Question
Holds water in the sky	What are clouds?
Resulting in melting of polar ice caps	What is global warming?
Maximum sustained wind speed 74 mph or higher	What is a hurricane?
Year that had the greatest number of hurricanes	What is 2005?
Results of decrease in tropical pacific wind strength	What is El Niño?



## Space Weather - True or False

Answer	Question
The origin of space weather is the sun	What is True?
The Space Environment Center (SEC) is the Nation's official source of space weather alerts and warnings for disturbances that can affect people and equipment working in the space environment	What is True?
Space weather information is most useful to operators of vulnerable systems	What is True?
A geomagnetic storm is disturbances in the geomagnetic field caused by gusts in the solar wind that blows by Earth	What is True?
Several preventative measures might be considered, but the risk to humans when a space weather alert is issued is low	What is True?

## Hurricanes - True or False

Answer	Question
Hurricane winds and rain are usually symmetric around the eye	What is False?
Hurricane evacuations are sometimes mandatory and those failing to evacuate are therefore subject to being forcibly escorted from their homes	What is False?
In very high winds, it is best to open windows to equalize air pressure between the exterior and interior of a building	What is False?
The degree of resistance of building stock to winds is sometimes taken into account as a factor in ordering evacuations	What is True?
There is no relationship between hurricane strength and size	What is True?



## Fire Weather - True or False

Answer	Question
If trapped in a smoky environment and breathing becomes difficult, use a wet cloth to filter out the smoke in order to make breathing easier	What is True?
Red Flag Warnings and Fire Weather Watches are issued to alert the public to adverse weather-related burning conditions	What is True?
Increased humidity levels and/or rainfall can improve fire weather conditions	What is True?
Winds near thunderstorms are often gusty and erratic	What is True?
NOAA weather radio is a good source to monitor for weather hazards	What is True?

## Heat - True or False

Answer	Question
The Heat Index, given in degrees F, is an accurate measure of how hot it really feels when relative humidity is added to the actual air temperature	What is True?
Hyperthermia related vehicle deaths cannot occur on days with relatively mild temperatures (e.g., 70 degrees F)	What is False?
In 2004 there were at least thirty-five infants and children who have died in the United States from hyperthermia after being left in hot cars, vans, and SUVs	What is True?
Cracking the window in a car to help ventilate the interior of the car will help to prevent hyperthermia related vehicle deaths	What is False?
It is acceptable to leave infants/children in a car if the child is left for only a short time	What is False?



## Lightning - True or False

Answer	Question
Lightning kills more people each year than tornados	What is True?
Lightning often strikes as far as 10 miles away from any rainfall	What is True?
Many deaths from lightning occur ahead of the storm because people wait until the last minute before seeking shelter	What is True?
Use 30/30 rule if you see lightning	What is True?
A car offers is a bad place to get shelter during a thunderstorm	What is False?