



Super Storm Chaser



It will come as no surprise that humans have been fearing extreme weather since the beginning of time. Weather has been responsible for the collapse of ancient civilizations and for triggering major historical events like the French Revolution. Despite our years of experience dealing with harsh weather patterns, we humans know relatively little about these phenomena. Your job today: put on your super storm chaser uniform and get to work tracking down some of the world's most extreme weather events!

Activity



In order for you to be fully equipped to step into your new job duties, you'll need to know exactly what being a storm chaser entails. Luckily for you, we've lined up some experts to give you the gritty details about what goes into chasing storms. You may even recognize one of these professionals from the Discovery Channel's *Storm Chasers*...

<http://bit.ly/YbkBlN>



Identifying Weather Phenomena

Now that you're up to speed about what it takes to be a storm chaser, you're going to need to know the basics about a variety of weather phenomena. Answer the questions below about some of the most notorious types of extreme weather. (And don't worry, our hints have got you covered!)

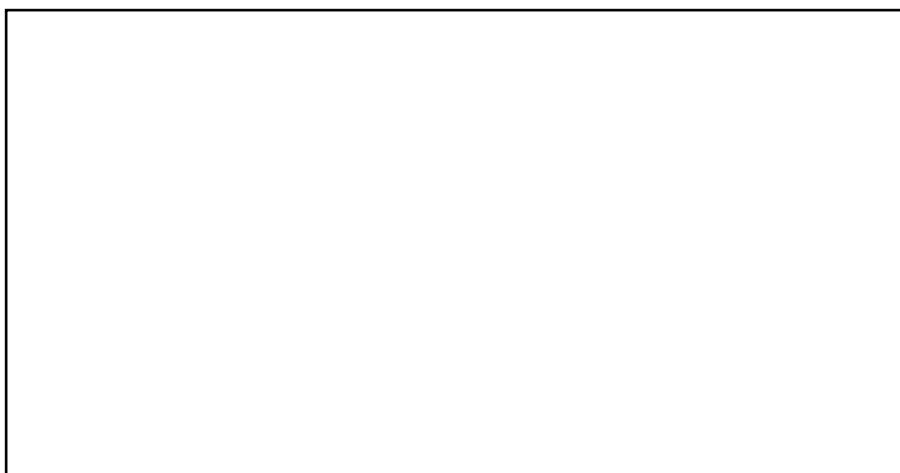
What is a tornado and what causes them?

(Hint: <http://bit.ly/18XZF6D>)



What is a hurricane and what does it have to do with atmospheric pressure?

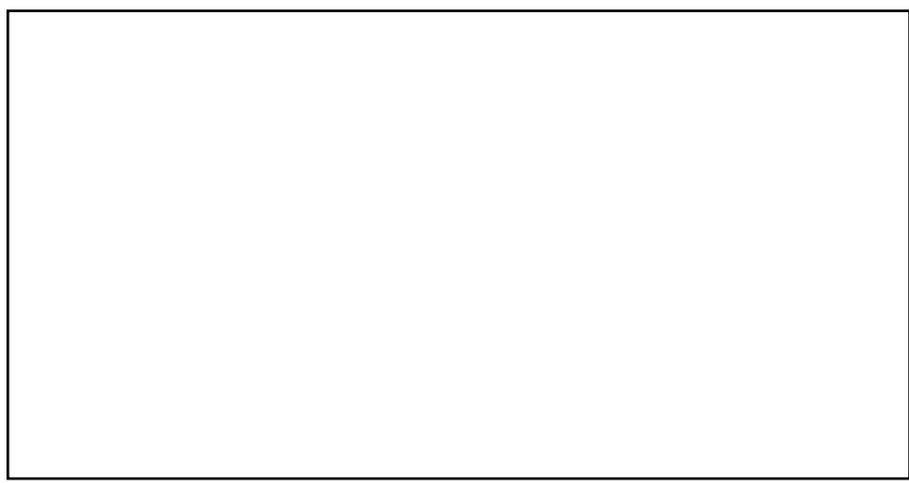
(Hint: <http://bit.ly/IJwJWn>)





What are tsunamis and what do they have to do with earthquakes?

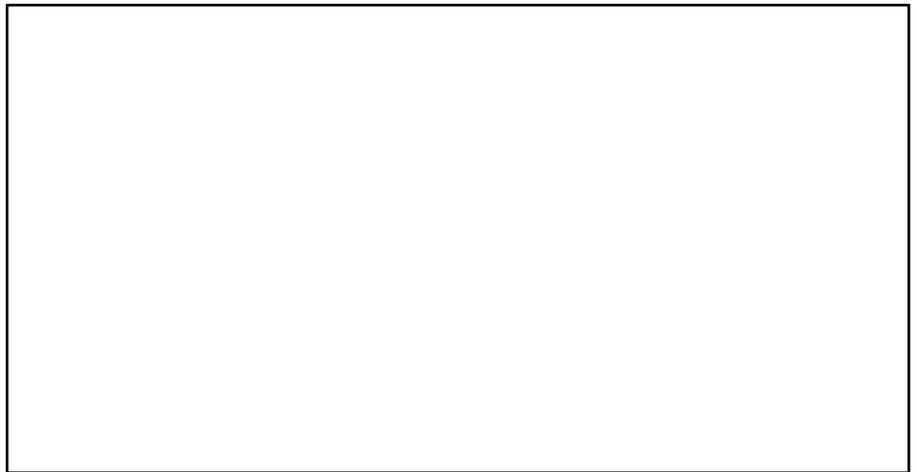
(Hint: <http://bit.ly/1iw0UzS>)



And while earthquakes are not technically a weather phenomenon, they do have a close relationship with many types of extreme weather. So let's find out about them too, shall we?

What are earthquakes and what do they have to do with seismic waves?

(Hint: <http://bit.ly/1iw0UzS>)





Now let's chase a super storm!

Oh no! A severe weather event is on its way. Join with your fellow storm chasers to find out what type of storm we're facing... <http://bit.ly/18jQ5at>

Based on the information you just received, what type of storm is happening?

The storm you just predicted is just the beginning! Now see what other type of weather is being triggered by this initial event: <http://bit.ly/lqq1Ee>

Based on the information you just received, what is the second type of weather system of this super storm?

Just when we thought it couldn't get any worse, yet another event has been triggered! <http://bit.ly/1bdcwIR>

What is the third event happening as part of this super storm?

We just got word from another country that this super storm is affecting their land as well. How has this storm spread across the ocean? <http://bit.ly/1iw6Clj>

Whew! It appears that the events tied to this super storm are finally over! No doubt you're ready to hang up your galoshes, but there's still one thing left to do. Head over to our blog to give this super storm a super name!

<http://stem-worksblog.com/scavenger-hunts/super-storm-chaser/>