

# Why Does It Thunder And Lightning

by Chris Arvetis; Carole Palmer; James Buckley

Apr 2, 2013 - 4 min - Uploaded by Fox 9 Now KNINAll about lightning. questions from Monroe Elementary School. Actually Thunder and Lightning is caused by an electrical discharge of electrons moving very . of a lightning strike, however it does make the possibility of damage to a property or its The Basics of Thunder and Lightning Scholastic.com Lightning and Thunder, Sound Waves vs. Light Waves - Windows to Severe Weather 101: Lightning FAQ - NSSL - NOAA Where does the thunder (and lightning) come from? The basic idea is that thunder clouds can become giant Van de Graaff generators and create huge charge . How Does Lightning and Thunder Form? - Western Region . Why Does It Rain? a Just Ask Book . I bought this book for my son because he was afraid of thunder. Why does it Thunder and Lightning - Great Book. NOAAs SciJinks :: What causes lightning and thunder? Does lightning come up from the ground or down from the sky? Al Peterlin: Both. Lightning streaks inside a cloud, between clouds, and from clouds to the ground How does lightning and thunder form? - UCSB Science Line

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It is not absolutely clear how lightning is formed, but where it comes from is pretty . (become charged/polarized, just like the cloud) and does so very quickly. Why are there more thunderstorms during the summer . - Science Scared of thunder and lightning? You have astraphobia Earth . Feb 15, 2015 . Thundersnow is a snowstorm event in which thunder and lightning occur. An example is the classic 2011 thundersnow in Chicago that 8 Things Weve Learned Lately About Thunder and Lightning . Lightning does not always create thunder. In April 1885, five lightning bolts struck the Washington Monument during a thunderstorm, yet no thunder was heard. Where does thunder come from? - Science Niblets Dec 30, 2002 . Richard Brill, a professor at Honolulu Community College, explains: Thunder is caused by lightning, which is essentially a stream of electrons Thunder - Wikipedia, the free encyclopedia May 24, 2013 . But as common as they are, much about thunder and lightning remains a mystery. In fact, scientists are still debating what actually causes those Lightning: FAQ Aug 11, 2012 . Moisture positively necessary for lightning. Q: Since thunder and lightning are electrical events, why are they so often accompanied by heavy How does lightning and thunder happen ? Yahoo Answers Feb 6, 2011 - 11 min - Uploaded by Flipped LearningJoin award winning teacher Jonathan Bergmann as he explains the causes of lightning and . SCIENCE Q & A: Why does rain accompany thunder and lightning . Thunder is caused because lightning heats up the air, to about 30 000°C, . 90% of lightning never reaches the ground, but when it does it can strike twice. Lightning - Weather Wiz Kids weather information for kids The amount of lightning found by satellites is . day on which thunder is heard at a reporting site. What is Thunder? - science made simple You see a flash of lightning across the night sky. Five seconds later, your hear the rumble of thunder. If lightning and thunder come from the same source, then Questions and Answers About Lightning and Thunder Mar 28, 2014 - 2 min - Uploaded by HooplaKidz TVCheck out our fun lightning facts for kids and enjoy learning more about interesting weather . Thunder: Lightnings Sound Waves - Storm Highway Thunder is caused by lightning. When a lightning bolt travels from the cloud to the ground it actually opens up a little hole in the air, called a channel. Once then light is gone the air collapses back in and creates a sound wave that we hear as thunder. Lightning - Weather Wiz Kids weather information for kids May 22, 2015 . Thunder and lightning can be scary to pets, too. Image via . Visually, lightening does my head in, but its the thunder that bothers me the most. What is Thundersnow and Why Does It Happen? The Weather . Thunder is the audible pressure (compression) wave produced by lightning. by thunderstorms: lightning that strikes the earth and lightning that does not. Dec 16, 2014 . What causes thunder and lightning? Transcript - How does lightning form and how do we detect it (PDF, 81 kB). To view PDF documents you What causes thunder? - Scientific American How does the lightning know where to discharge—or strike? The electric . If we are watching the sky, we see the lightning before we hear the thunder. That is Is It Possible to Have Lightning Without Thunder? - LiveScience Thunderstorms always have lightning (thunder is caused by lightning, and you cant have a . Does lightning strike from the sky down, or the ground up? What causes Lightning Storms, Thunder and Lightning Strikes Feb 21, 2012 . Thunder is produced at the same time as lightning. But have you ever noticed that thunder always comes after lightning? You can actually tell How Does Thunder And Lightning Happen? - YouTube What causes the sound of thunder? Everyday Mysteries:Fun Science Where does lightning usually strike? Lightning comes from a parent cumulonimbus cloud. These thunderstorm clouds are formed wherever there is enough What is lightning made of? Why does lightning occur when clouds . Jul 15, 2010 . If you see lightning but dont hear thunder, it is because the thunder is too . Does this imply that lightening would not happen over the ocean Thunder and lightning - Met Office Apr 23, 2007 . Only then, once this channel is made, does the visible lightning happen. A return stroke runs from the ground to the clouds in a spectacular The Science of Thunder - National Lightning Safety Institute Thunder is the sound caused by lightning. Depending on the distance and nature of the lightning, thunder can range from a sharp, loud crack to a long, low Why Does It Thunder and Lightning? (Just Ask Books): Chris Arvetis . May 23, 2012 . We see the lightning before we hear the thunder because light travels faster than sound. The light from the lightning travels to our eyes much quicker than the sound from the lightning. so we hear it later than we see it. The

Causes of Lightning and Thunder - YouTube Its thunder- a fearful, audible reminder of the mighty power of lightning. Lightning is the source of thunder. But what causes it? Why does it crackle, rumble and thunder and lightening