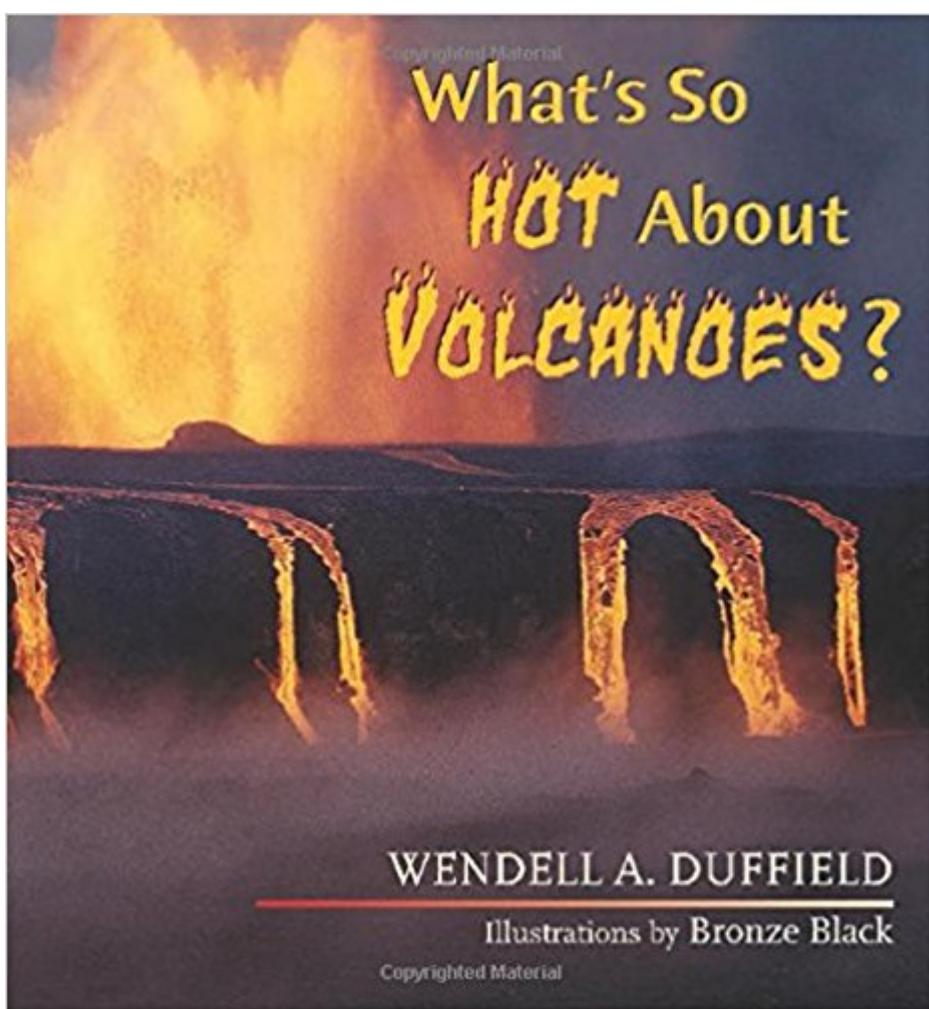


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# What's So Hot About Volcanoes (What's So Cool About Geology)



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## Synopsis

Don't wait for a trip to the thermal pools of Iceland or the black beaches of Hawaii to discover what's so hot about volcanoes. Warm up with a copy of *What's So Hot About Volcanoes*. Lively discussions introduce readers of all ages to the creative power of volcanoes, explaining the reasons behind where they form, what they look like, and when they explode. Think of a volcano as the safety valve on a pressure cooker, author Wendell Duffield tells readers. The inside of Earth reaches a blistering 9,000 to 11,000 degrees Fahrenheit, and volcanoes simply release some of that pent-up heat from time to time. Some volcanoes erupt so gently that observers can stand nearby while others erupt so violently that they destroy themselves, as well as everything within reach of their hot gases, lava, and ash. Sections explore the challenges of predicting eruptions, what happens when magma mixes with water, and how people are using volcanic heat for energy. An appendix lists all the volcanoes in the United States that are still young enough to look like volcanoes.

## Book Information

Series: *What's So Cool About Geology*

Paperback: 96 pages

Publisher: Mountain Press Publishing Company; First edition (July 15, 2011)

Language: English

ISBN-10: 0878425748

ISBN-13: 978-0878425747

Product Dimensions: 8.4 x 0.3 x 8.9 inches

Shipping Weight: 8.8 ounces (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars 6 customer reviews

Best Sellers Rank: #941,141 in Books (See Top 100 in Books) #110 in Books > Children's Books > Education & Reference > Science Studies > Nature > Earthquakes & Volcanoes #167 in Books > Teens > Education & Reference > Science & Technology > Earth Science #11238 in Books > Children's Books > Science, Nature & How It Works

Age Range: 12 - 17 years

Grade Level: 7 - 12

## Customer Reviews

Wendell Duffield received a PhD in geology from Stanford University in 1967. During the following four decades, he studied volcanoes around the world as an employee of the U.S. Geological

Survey. Now retired, Duff leads field trips, consults about geothermal energy, and writes books and articles for the general audience. Duff and his wife, Anne, spend summers in the lake country of northwestern Wisconsin and winters in Flagstaff, Arizona.

I never knew squat about volcanoes except what you see on the news when one goes off. I bought this book to see what they are all about. Its a well written book authored by someone who knows his stuff. The explanations of volcano types and the material spewing from them are easy to understand. The story of what is going on under our feet many many miles down is fascinating. I recommend this book to adults who want to know more about these monsters from down under, way down under. I strongly recommend it to high schoolers who may, after reading this book, decide being a geologist and doing what the author has done would make a fantastic career.. I plan to pass this book on to other like minded friends.

This book was a quick read with information I did not know previously. It makes a good addition to the other "coffee table" books concerning the geology of Arizona. We live two miles from an extinct (we hope) volcano and there are many more in the area. Just last week, there was a minor (3.1) earthquake a few mile north of where we live. Flagstaff and the Santa Fe Peaks are also only an hour or so drive away.

This is for my son who is a geologist it is a Christmas gift

Nice concise summary of volcanoes. Table of compositions, melting temperatures, and eruptive types especially useful for non geologists.

This book is very educational, and it's very easy to pick things up from it. I highly recommend it to anyone that is interested in volcanoes and their geological aspects. It's very well written, making the information easy to understand. It's a great book for people just getting interested in these types of things, and it's also great for more advanced people since they can get more information that they may not have known. It's definitely a great book, and I'm glad to have it in my collection.

I come from a family of geologists, even a cousin who is a volcanologist. This book explains a lot of geology, geophysics and volcanology in a way that I could understand it, enjoy it, and learn more. It is well written in a way that a non scientist can easily understand things. It is well illustrated. It was

fun to read. I highly recommend it.

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