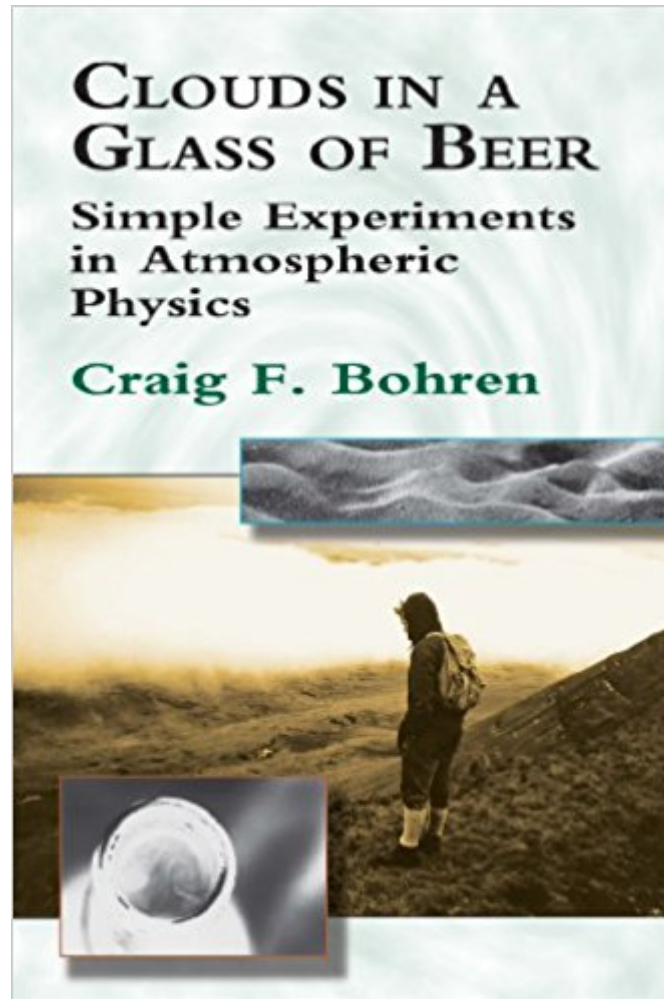


The book was found

Clouds In A Glass Of Beer: Simple Experiments In Atmospheric Physics



Synopsis

Ever wonder why steam rises from a bowl of hot soup or why a greenhouse retains heat? And have you ever puzzled over the real meaning of "once in a blue moon" or why sand is darker when it's wet than when it's dry? And just why, exactly, do bubbles appear in a glass of beer when you add salt to it? These and many other baffling questions are answered in this engaging book by a physics professor at Pennsylvania State University. Ranging from playful to serious, Professor Bohren's lively and entertaining discussions employ a liberal mixture of humor and anecdote to debunk a host of scientific myths and render science lessons thoroughly understandable. Chapters include "On a Clear Day You Can't See Forever," "A Murder in Ceylon," "The Green Flash," "Physics on a Manure Heap," "Indoor Rainbows," and "Multiple Scattering at the Breakfast Table." "The book rings with a unifying tone: the science of the everyday physical world is fun. And so is the book," writes Jearl Walker, a member of the Physics Department at Cleveland State University. Beginning physics and general readers will be fascinated by the scientific knowledge gained from this work; and science teachers will find it a treasure trove of ideas for simple, vivid classroom demonstrations.

Book Information

File Size: 5017 KB

Print Length: 228 pages

Page Numbers Source ISBN: 0486417387

Publisher: Dover Publications (April 9, 2013)

Publication Date: April 9, 2013

Sold by:Â Digital Services LLC

Language: English

ASIN: B00BLRDHM4

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #234,906 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #4 inÂ Kindle Store > Kindle eBooks > Nonfiction > Science > Earth Sciences > Geophysics #29 inÂ Kindle Store > Kindle eBooks > Nonfiction > Science > Experiments, Instruments & Measurement > Experiments & Projects #50 inÂ Kindle Store > Kindle eBooks > Nonfiction > Science >

Customer Reviews

Craig Bohren is a first-rate atmospheric scientist with an unusual knack for being able to explain difficult concepts to general audiences. Sure, some of the explanations can get complicated so most readers will have to pause and think or reread sections occasionally to understand. However, Dr. Bohren uses figures and analogies rather than equations to explain physical processes. The book does not assume any particular scientific background and should be accessible to almost anyone willing to put in a little bit of mental effort. The book is less than 200 pages so the effort feels like a pleasant jog rather than a marathon. What's more, the author's fascination with the world around him and mostly interesting anecdotes inspire and entice the reader all the way. The author manages to do all this without dumbing down the science in any way. The subtitle suggests that the main purpose of the book is to provide educators with handy demonstrations of atmospheric physics. While the book certainly does this, it is not a recipe book in any sense. What one sees during the demonstrations is described well enough that the reader does not actually need to do them to follow what is going on. Moreover, the underlying science is well described and related to things most people see regularly in the sky around them. I have no plans to assemble these demonstrations but enjoyed the book immensely nonetheless. I am sure many others with an interest in the atmosphere will as well.[The following autobiographical information is to help you evaluate this review. I hold a Ph.D. in chemical engineering, having done my thesis work on some issues regarding airborne particulate matter.

[Download to continue reading...](#)

BEER: Beer Tasting & Food Pairing: Become An Expert In Beer Tasting, Food Pairing & Flavor Profiling (Beer, Beer Brewing, Beer Bible, Beer Making Book 1) A Beginner's Guide to Great BEER BREWING: How To Make Amazing Home Brewed European Style Beer Step-By-Step Instructions (Beer, Beer Making, Beer Tasting, Beer Brewing, How To Make Beer) Clouds in a Glass of Beer: Simple Experiments in Atmospheric Physics Beer Brewing Made Easy With Recipes (Boxed Set): 3 Books In 1 Beer Brewing Guide With Easy Homeade Beer Brewing Recipes The Beer Wench's Guide to Beer: An Unpretentious Guide to Craft Beer Clouds, Rain, Clouds Again (I Wonder Why) Principles of Atmospheric Physics and Chemistry The Beer Geek Handbook: Living a Life Ruled by Beer Beer, Food, and Flavor: A Guide to Tasting, Pairing, and the Culture of Craft Beer Atmospheric Monitoring with Arduino: Building Simple Devices to Collect Data About the Environment ART GLASS - Breaking Glass To Make Money: A Beginners Guide To Making Money With Art Glass -

Copper Foil And Lead Work Explained Dad's Book of Awesome Science Experiments: From Boiling Ice and Exploding Soap to Erupting Volcanoes and Launching Rockets, 30 Inventive Experiments to Excite the Whole Family! The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Handbook of Optics, Third Edition Volume V: Atmospheric Optics, Modulators, Fiber Optics, X-Ray and Neutron Optics Atmospheric Radar: Application and Science of MST Radars in the Earth's Mesosphere, Stratosphere, Troposphere, and Weakly Ionized Regions Satellite Communications Systems Engineering: Atmospheric Effects, Satellite Link Design and System Performance Atmospheric Chemistry: RSC Statistical Methods in the Atmospheric Sciences, Volume 100, Third Edition (International Geophysics) Laboratory Manual: Activities, Experiments, Demonstrations & Tech Labs for Conceptual Physics Experiments in Physics: Mechanics and Fluids

[Dmca](#)