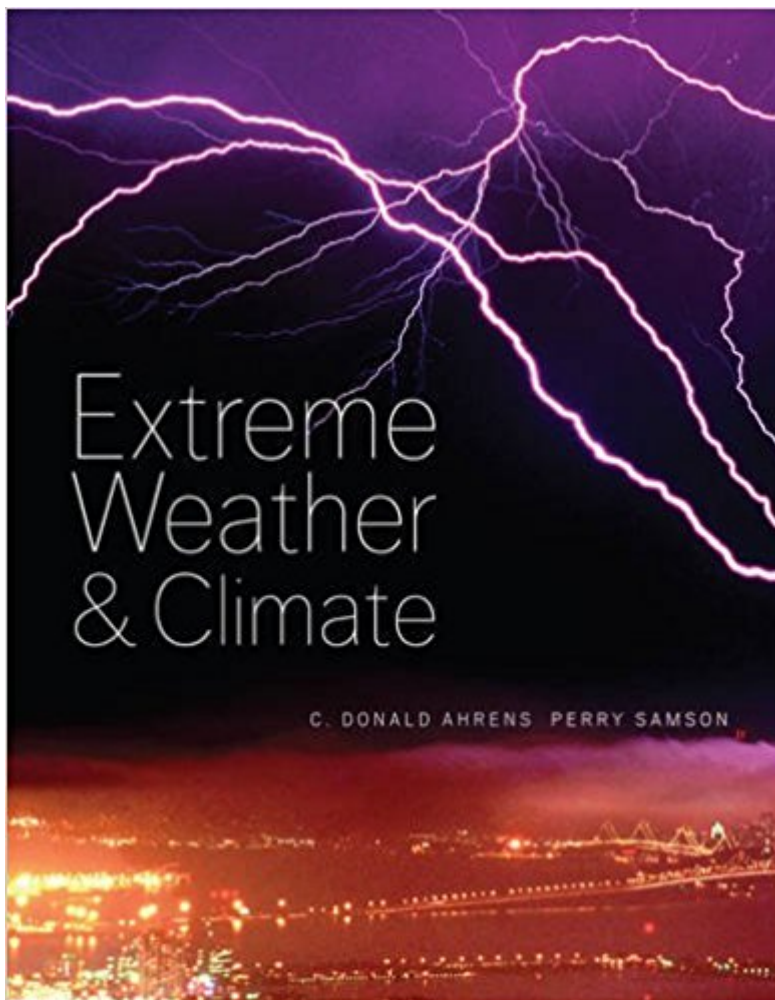


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# Extreme Weather And Climate



## Synopsis

Written in down-to-earth style, vividly illustrated and full of technology support, this text will give you a broad scientific understanding of the forces of nature that are sometimes unleashed in such life-changing events as hurricanes, tornadoes, floods, and severe thunderstorms.

## Book Information

Paperback: 528 pages

Publisher: Brooks Cole; 1 edition (February 22, 2010)

Language: English

ISBN-10: 0495118575

ISBN-13: 978-0495118572

Product Dimensions: 0.8 x 8.2 x 10.8 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars 12 customer reviews

Best Sellers Rank: #32,553 in Books (See Top 100 in Books) #15 in Books > Science & Math > Earth Sciences > Atmospheric Sciences #26 in Books > Science & Math > Earth Sciences > Rivers #37 in Books > Science & Math > Earth Sciences > Weather

## Customer Reviews

Don Ahrens is Professor Emeritus at Modesto Junior College in Modesto, California. The bestselling author of two Cengage Learning texts, Professor Ahrens received the Textbook and Academic Authors Association's McGuffey Longevity Award for the 9th Edition of his market-leading METEOROLOGY TODAY. He has influenced countless professionals in the field of atmospheric science as well as hundreds of thousands of students who use his books to better understand weather and climate. In 2007, the National Weather Association awarded Professor Ahrens a lifetime achievement award for these accomplishments. Perry Samson is currently a professor in the Department of Atmospheric, Oceanic and Space Sciences at the University of Michigan. Samson holds an Arthur F. Thurmond Professorship in recognition of "outstanding contributions to undergraduate education" and is recipient of the university's Teaching Innovation Prize. Professor Samson annually leads a team of undergraduate students to study the formation of supercell thunderstorms in the Great Plains. He is also a co-founder of the popular weather website, The Weather Underground (<http://www.wunderground.com>).

Thank you Dr. Ahrens! IMHO your book addresses our current reality. There is no drama or fiction in

what we are dealing with. I have not been able to find (in one source) other books that explain (in detail/with graphs and color photos) our extreme weather and climate changes. I am "old school" and I have been very concerned about the weather changes. Your book IS "user friendly" and has helped me a great deal. Thank you very much!

Required text for a upper division GE Geography Class. This was not my first choice in this particular areas of GE study. However, this has turned out to be a very good class with the text being easy to understand and read.

Great!

Exactly what was advertised! Book is in great condition!

great

great!

I already purchased the book from Pr.Dr. Ahrens "Meteorology Today": An Introduction to Weather, Climate, and the Environment, 9th Edition. I had a poor opinion of that book. The book Extreme weather and climate is still outrageously expensive (\$171) it is heavy (508 pages) and it has no equations. This book presents meteorology like a pseudo-science as it used to be in the nineteenth century. Just looking at page 140 of the book there is an issue: Figure 5.25 shows altocumulus floccus and not altocumulus castellanus. The author apparently ignores the definitions from the International Cloud Atlas. As a teacher it is his duty to give the official definition and if he deviates from it, he must say so. A castellanus is a cloud having a shape of a tower and not a ball and usually, castellanus form a continuous line. It is again a book of poor quality and not worth its price. Again, I remind that Pr.Dr. Ahrens was professor at Modesto Community college.

This is a repackaged version of Ahren's Meteorology textbook, with a stronger focus on extreme weather. Pretty much ALL the examples and applications are focused on storms and other extreme events. This may make the book more palatable to some students, though an aspiring meteorologist should probably stick with the "Scientists and Engineers" version of Ahren's original book. Like his other work, the photos and diagrams are superb, and the explanation is very clear. The examples of

historical extremes are also greatly increased. The "Climate" side of the book is just one chapter, with a short section at the very end about how climate change might affect extreme weather. Ahrens makes it very clear that while there may be some dramatic changes, existing Science doesn't really tell us what will happen. I found the treatment of climate science to be very cautious and appropriately mainstream (shouldn't introductory textbooks be mainstream?). The low reviewer apparently doesn't live on a planet where scientific consensus is a reasonable guide to thought. On Earth, this is quite good basic Meteorology book.

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