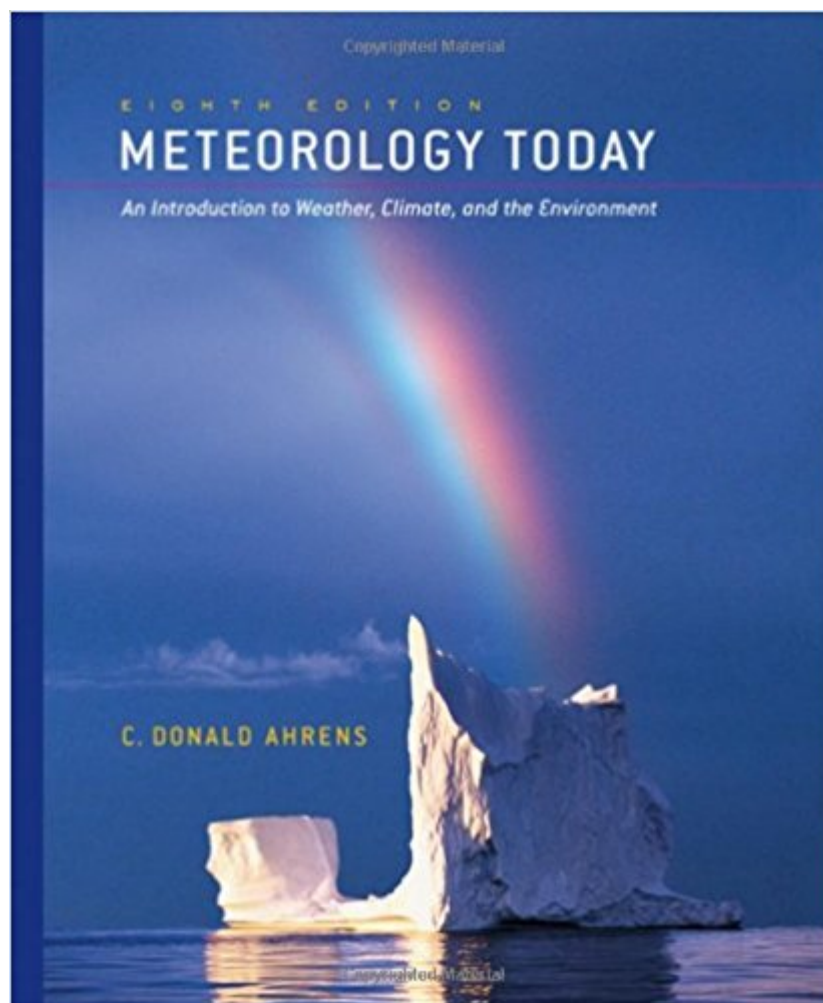




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# Meteorology Today: An Introduction To Weather, Climate, And The Environment (with 1pass For MeteorologyNOW)



## Synopsis

METEOROLOGY TODAY has for many years been one of the most widely used and authoritative texts for the introductory meteorology course. This eighth edition sees improvements in flexibility for instructors and strengthened learning solutions for students. Author C. Donald Ahrens has been widely praised for his ability to explain relatively complicated ideas so that even under-prepared students can understand them. The text's clear and inviting narrative is supplemented by numerous pedagogical features that help augment students' understanding. Introductory stories found at the beginning of each chapter draw students naturally into the discussion. In-chapter reviews help students master concepts while they study, and four types of end-of-chapter exercises provide opportunities for everything from further review to in-class discussion questions. In addition to these in-text learning aids, the eighth edition sees a complete integration with CengageNOW, the first assessment-driven and student-centered online learning solution created specifically for this course. CengageNOW uses a series of chapter-specific diagnostic tests to build a personalized learning plan for each student, allowing students to focus their study time on specific areas of weaknesses. Each personalized learning plan directs students to specific chapter sections and concept-driven multimedia tutorials designed to augment their understanding. The new edition is available in its original nineteen chapter "classic" version, or as a "core" version, which features only the most popular sixteen chapters. The "core" version sacrifices none of the detail that the course needs, but eliminates chapters that may not be directly covered in class. Looking for more flexibility? With the Cengage Learning TextChoice custom solution program, instructors can select and reorganize chapters to perfectly match their syllabus, thereby creating the ideal text solution for the course.

## Book Information

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## Customer Reviews

Don Ahrens is Professor Emeritus at Modesto Junior College in Modesto, California. The best-selling 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.

I ordered this textbook for a college level Atmospheric Sciences class, though to be honest the book is easy and concise enough to be used at the high school level. The book itself is a bit large, but the larger pages don't mean longer, boring chapters, they mean more pictures! And the pictures really are beautiful (even more so because the book is printed on nice paper) and when needed, highly informative. Important words are in bold, chapters have midway review points to help summarize content as well as final chapter summaries, and there are also practice questions if that interests you. The back of the book even contains a high-quality laminated pull out cloud chart for easy cloud identification. I purchased this version of the book over the newest edition because of vast price differences. My professor said that either would be sufficient, so my guess is that it's another one of those "new editions" that contains the bare minimum requirements for the publisher to actually print it as a new edition. My guess is that unless you are going to be answering questions out of the book (which may or may not be different), you could easily go with an older edition and still get the same level of educational content.

I had never taken a meteorology course in school, so I ordered this book to use as a self-teaching guide (\$15 dollars used). I am quite happy with the purchase. This book could be used as an entry level college course or perhaps a high school class too. It runs just over 500 pages and has a wealth of pictures and illustrations. Since all weather is due to the sun, the book starts with the Earth and Atmosphere and how the energy of the sun creates weather due to uneven heating and cooling. The science of sky colors is explained (why the sky is blue, etc.). The middle section of the book explains precipitation, clouds, identifying specific clouds, and predicting weather from clouds. The latter part of the book explains wind from a local and global standpoint. Specific storms are

discussed, such as cyclones, hurricanes, tornadoes and thunderstorms, how they form, and how they travel. Finally, the book wraps with global climate and climate change issues. For an initial textbook, this is more than enough information for a novice like me. I have found it quite helpful in understanding weather both locally and globally. It comes with a CD-ROM, called "Blue Skies." konedog

Are into weather, or are planning on making it your career? Then this book is for you. I am a high schooler, but this book really gives a better understanding of the better. From the basics, to the hardest of formulas. There are detailed graphics, for those who are more like visual learners. The book I got was pre-owned, so it did have some wear in tear and some markings.

This is the best book I've ever read on the subject. Too often, authors put the cart before the horse by touching on subjects the book hasn't covered yet, forcing the reader to page ahead and read about what's being talked about so he can go back and understand what should have been explained to him 100 pages earlier. This book has beautiful illustrations and photographs, and is the easiest, by being the **CLEAREST**, book to grasp by anyone who wants to learn about the weather. Everything is discussed in an orderly fashion, and the style of writing is engaging enough to make topics, which might otherwise be boring, extremely fascinating. There is constant **LIFE** running through these pages. This book manages to walk the line between heavy science and simplicity, making the reader feel at ease by being able to understand complicated subjects without feeling like he is being treated like a child. I cannot recommend this book strongly enough, and if it weren't for the fact that I had to stop so I could take in what I was learning, I would not have been able to put it down.

I am choosing to rate this a 5/5 on three classifications. **Material:**-The material is easy to follow, relevant, and follows a logical flow that builds on previous chapters.-The material has relevant pictures charts, and examples that are easy to follow **Shipping-** I had the product in hand within about 40 hours of ordering. It was as quick as I would "hope" rather than the "well, in actuality" time ordered items arrive. **Condition:-** Book was listed as "used" and, it was evident it was not "brand spankin new". Although it was used, the book was free of writing on any pages and none of the pages were ripped, torn, or crumpled. The cover had some marring/indentations/scuffs as if the books silky "new" gloss had been simply worn over time. Do note that I am saying "marring/indentations/scuffs" because that is what they are but it's not bad by any stretch. From 5

feet away, these are nearly not able to be seen.

I bought the book, and its companion: "Meteorology for Scientists and Engineers" to help in preparing lectures for a private pilot ground school class I will be teaching. "Meteorology Today" is an excellent introductory text for anyone. "Meteorology for Scientists and Engineers", is good reading for anyone with a thermodynamics background, and really gets into the details. I have taught at the university level for over twenty years in Mechanical engineering and these texts are very interesting reading. W. Zemke PhD, PE, Advanced Ground Instructor, Commercial Pilot

Great

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