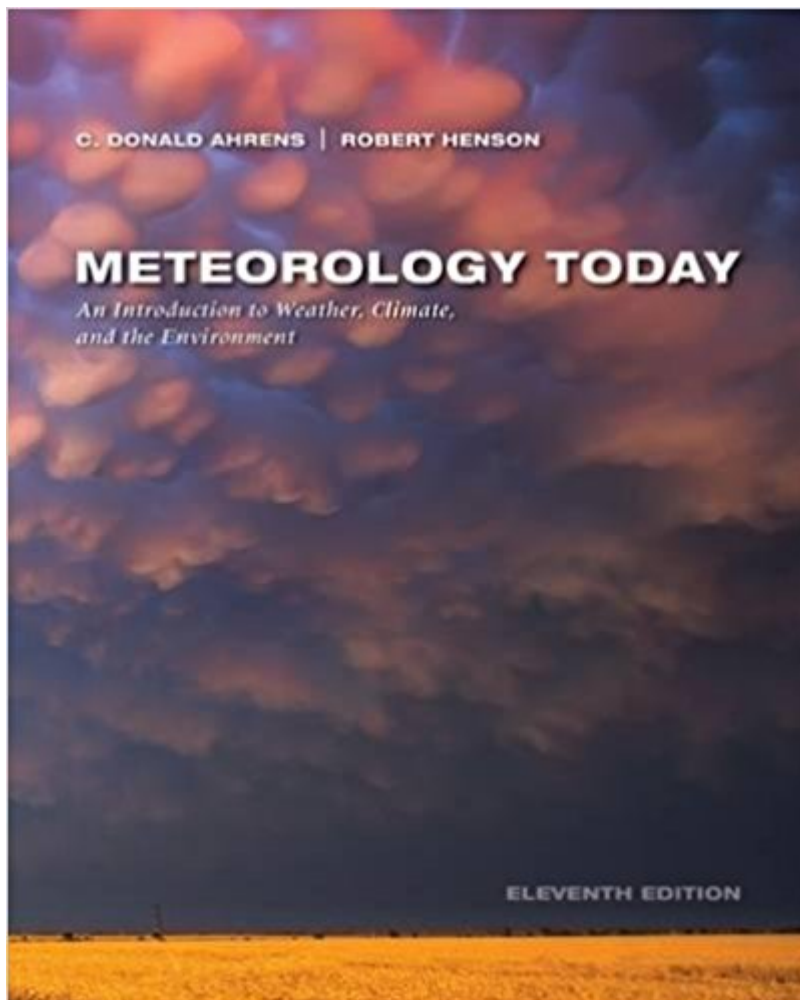


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# Meteorology Today



## Synopsis

C. Donald Ahrens and Robert Henson combine expert content in weather, climate, and earth science with the interactive experience you expect from Cengage Learning. Grounded in the scientific method, this reader-friendly and highly visual book shows you how to observe, calculate, and synthesize information as a budding scientist, systematically analyzing meteorological concepts and issues. Specific discussions center on severe weather systems, such as tornadoes, thunderstorms, and hurricanes, as well as everyday elements, such as wind, precipitation, condensation, masses and fronts, and the seasons. Events and issues dominating today's news cycles also receive thorough attention, and include analysis of Superstorm Sandy, the Oklahoma tornadoes, recent findings from the US National Climate Assessment and the Intergovernmental Panel on Climate Change, and more. Whether you choose a bound book or eBook, METEOROLOGY TODAY, 11th Edition is a dynamic learning experience packed with end-of-chapter summaries, key terms, review questions, exercises and problems, live animations, web links, and more to carry your learning to atmospheric heights!

## 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. Co-author Robert Henson is a meteorologist and science writer at Weather Underground who worked for many years at the University Corporation for Atmospheric Research, which operates the National Center for Atmospheric Research.

Nicely written and presented, colorful diagrams, lots of technical information. However, I also have the 2003 7th edition and it has several detailed and interesting Appendices that are removed from this current version: Beaufort Wind Scales; Humidity and Dew-Point Tables (Psychrometric Tables); Weather Forecast Chart; Changing GMT and UTC to Local Time; Standard Atmosphere (detailed temp and pressure conditions by altitude); Hurricane-Tracking Chart; a larger Adiabatic Chart than the one found in the text of the recent edition; Koppen's Climatic Classification System; I don't know how many of these deletions are at the direction of the authors vs. the publisher, but for a text/reference book that cost as much as this one does, there is no excuse for removing this material from a leading textbook, in my opinion. I'd give 3 stars except for the excellently written and presented chapters.

Some of the information is out of date (for example, 2009 research indicated that tornadoes in supercells need downdrafts to form, which it did not state as the case). Also, some diagrams could use some tweaking, according to my professor of intro to meteorology.

Needed it for college. Very informative book that makes it easy to learn the material. Easy enough that I can just read the book and not really need an instructor.

Good!

Good textbook. Helped convey the teacher's lessons and provided great insight into real world scenarios. If you want to use diagrams from your book for studying and personal notes, then I highly suggest the loose leaf model.

Rented this book for intro to meteorology class and it was great.

It's not really needed for the class, a waste of money

Content is predictable but the price is right!

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