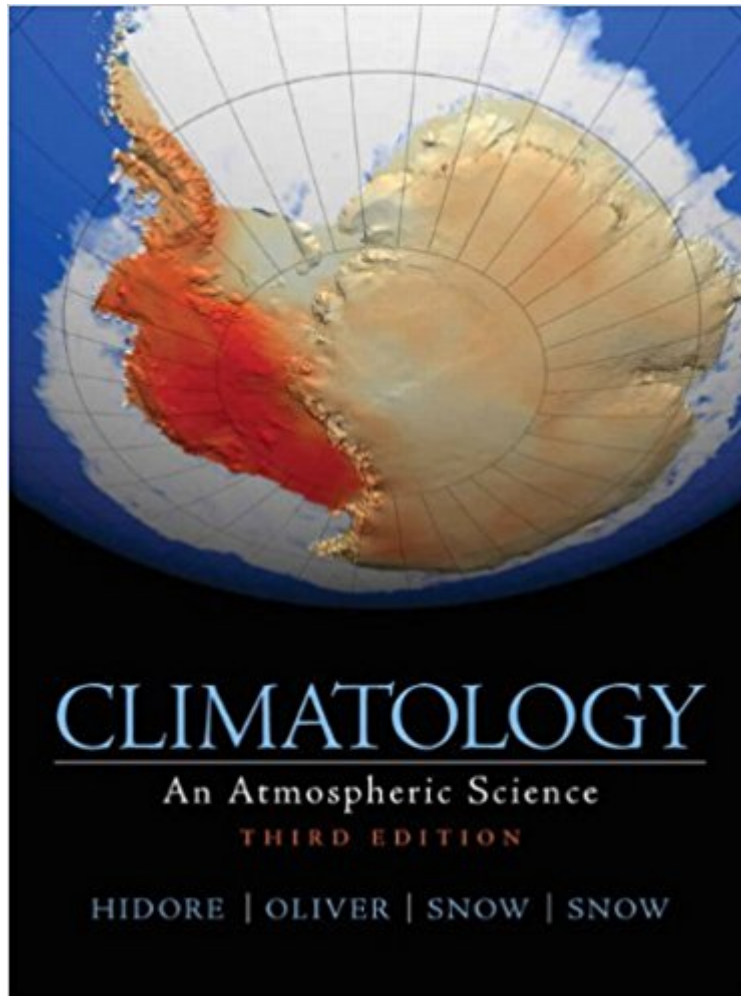




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# Climatology: An Atmospheric Science (3rd Edition)



## Synopsis

Taking the study of atmospheric science beyond the daily weather map, *Climatology* explores the broader impacts of weather and climate. The authors cover multiple facets of climate, many of which play a significant role in everyday life—and examine many topics, such as past climates, that are seldom adequately covered in other introductions to the subject. The science behind widely publicized events is explained within the systematic coverage of climate and climatology. The relationships between climate and people are discussed in detail, and readers are shown how common things ranging from wind-chill to architecture are understood in the wider context of climate. In the Third Edition, data and information have been updated throughout and significant coverage is devoted to climate change. *Climatology in the World Today*; *Energy and the Climate System*; *Atmospheric Temperatures*; *Climate and the Hydrologic Cycle*; *Wind and Circulation Patterns*; *Atmosphere-Ocean Interactions*; *Air Mass and Synoptic Climatology*; *Air Mass and Synoptic Climatology*; *Climatology of Atmospheric Storms*; *Natural Causes of Climate Change*; *Reconstruction of Past Climates*; *Greenhouse Gases and Global Warming*; *Climate Change and the Physical Environment*; *Climate Change and the Living World*; *Changes in Atmospheric Chemistry*; *Regional Climates: Scales of Study*; *Tropical Climates*; *Mid-Latitude Climates*; *Polar and Highland Climates*; *The Human Response to Climate*; *Climate, Agriculture, and Industry*. A useful reference for anyone who wants to learn more about Earth's climate and weather.

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## Customer Reviews

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broader impacts of weather and climate. The authors cover multiple facets of climate, many of which play a significant role in everyday life—and examine many topics, such as past climates, that are seldom adequately covered in other introductions to the subject. The science behind widely publicized events is explained within the systematic coverage of climate and climatology. The relationships between climate and people are discussed in detail, and readers are shown how common things ranging from wind-chill to architecture are understood in the wider context of climate. In the Third Edition, data and information have been updated throughout and significant coverage is devoted to climate change. *Climatology in the World Today*; *Energy and the Climate System*; *Atmospheric Temperatures*; *Climate and the Hydrologic Cycle*; *Wind and Circulation Patterns*; *Atmosphere-Ocean Interactions*; *Air Mass and Synoptic Climatology*; *Air Mass and Synoptic Climatology*; *Climatology of Atmospheric Storms*; *Natural Causes of Climate Change*; *Reconstruction of Past Climates*; *Greenhouse Gases and Global Warming*; *Climate Change and the Physical Environment*; *Climate Change and the Living World*; *Changes in Atmospheric Chemistry*; *Regional Climates: Scales of Study*; *Tropical Climates*; *Mid-Latitude Climates*; *Polar and Highland Climates*; *The Human Response to Climate*; *Climate, Agriculture, and Industry*. A useful reference for anyone who wants to learn more about Earth's climate and weather.

John Hidore is retired from the University of North Carolina at Greensboro. John's work has taken him to regions across the globe—including the Middle East, where he conducted research for a year in the Sudan, and later witnessed the breakout of civil war in Beirut, Lebanon in 1975. He has also worked and traveled in Saudi Arabia and Israel. Richard Snow and Mary Snow are both Associate Professors of Meteorology at Embry Riddle Aeronautical University, where their program focuses on the theory and study of climatology, as well as its applications to industrial and business operations. They are new to this edition of *Climatology*. John E. Oliver, deceased, received a bachelor's degree from London University and his master's and doctoral degrees from Columbia University in New York. He taught at Columbia University and in 1973 joined the faculty at Indiana State University in Terre Haute, Indiana. During his tenure at Indiana State, John served terms as Chair of the Geography-Geology Department and as the Associate Dean, College of Arts and Science. He was Professor Emeritus at the time of his death in May 2008. John Oliver distinguished himself as the author of numerous books and articles in peer-reviewed scientific journals. He wrote extensively in the areas of climatology and physical geography. Among his major works is the *Encyclopedia of World Climatology* (2005), which he edited. John was co-founder of the journal *Physical Geography* and served as climatology editor of the journal from 1979-2000.

In honor of his teaching, research, and university administration, he received the Distinguished Professor award from the College of Arts and Science at Indiana State University. The Climate Specialty Group in the Association of American Geographers presented him the first Lifetime Achievement Award (1998) for his many contributions to the study of climatology and to that professional organization.

The product itself was in good shape. I ordered it for my Climatology class and there's no ripped pages, marks, bent pages, etc. It's all good. The only reason I rate it four stars is because the content itself is kind of dry. Definitely informative, but I wish my professor would've chosen something a little less bland.

I mean it's a book. I got an A in the class. Meh.

The whole binding was coming off before I even started using it

Just what I needed for the course.

...This book wasn't so dry. If it's a required textbook, I fear for you. It's got relevant information, yes, but it's not really a readable textbook. Anything not connected with the book itself were awesome, though! Props!

maybe I am not the right audience for this book. It's a description of general tropospheric climatology (less of stratospheric), but I think it should go a bit more in details and add a bit more mathematics.

I have used this text for 10 years. My course was last taught using the 2nd edition, so I was excited to learn of a new edition. Immediately there was disappointment. The 3rd edition removed a number of graphs that actually required students to think about concepts and principles of chemistry and physics and apply them to atmospheric sciences like climatology. This removal of info was important, as it shows the authors actually removed content that was applicable to climatology. Although they do discuss some things that were under represented in the previous edition, it feels as though they have made things too simple. If you're going to buy a copy, get the second edition, because this one isn't as good. Hopefully when the 4th edition comes out, they will rectify the

"dumbing down" of the 3rd edition of this text.

I have the 1st edition of this book so I want you to know that from the beginning. I thought it was well written, covered a lot of ground, and explained things very well. Did it cover the whole topic in great depth? It didn't. NO book could manage that -- it's a very broad subject, but the authors do manage to cover most material at least a little, if not in depth. I have another book on climate by Wm. F. Ruddiman, which I haven't read yet. But I think that, overall, there aren't a lot of books on the topic and this one actually does a pretty good job at getting you started, even though it is dated. For a beginner like me I think they helped me a lot.

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