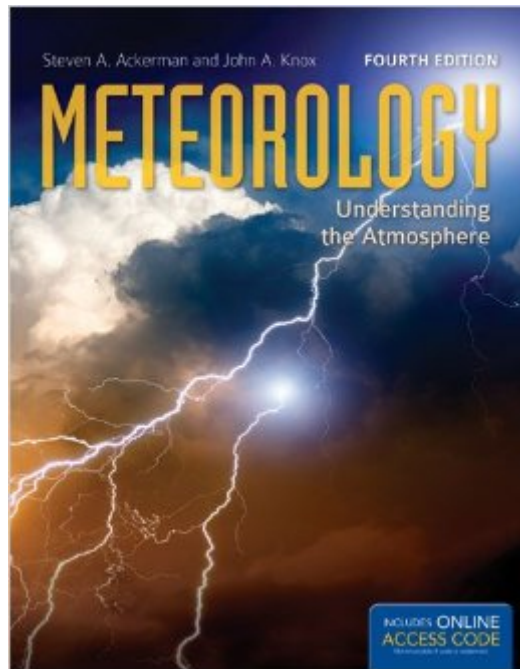


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# Meteorology: Understanding The Atmosphere (Jones And Bartlett Titles In Physical Science)



## Synopsis

Written for the undergraduate, introductory course, the updated Fourth Edition engages students with real-world examples and a captivating narrative. It highlights how we observe the atmosphere and then uses those discoveries to explain atmospheric phenomena. The text begins with discussions on primary atmospheric variables involved in the formation of weather: pressure, temperature, moisture, clouds, and precipitation, and include practical information on weather maps and weather observation. It then progresses to discuss weather and climate topics such as the interaction between atmosphere and ocean, severe/extreme weather, weather forecasting, and climate change. The updated Fourth Edition includes new content on recent meteorological topics, including geomagnetic storms, normal temperatures, extreme rainfall, flooding, global-scale winds, tornado outbreaks and debris, the air pollution in China, the hole in the ozone layer, ocean acidification, and many more engaging topics. New sections on Superstorm Sandy and Cyclone Forecasting, the tornados of 2011, and conceptual models of frontal systems have been added making the Fourth Edition of *Meteorology: Understanding the Atmosphere* the most up-to-date and invaluable resource available.

## Book Information

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Average Customer Review: 4.8 out of 5 stars [See all reviews](#) (8 customer reviews)

Best Sellers Rank: #89,380 in Books (See Top 100 in Books) [#10 in Books > Science & Math > Earth Sciences > Geophysics](#) [#59 in Books > Science & Math > Earth Sciences > Rivers](#) [#83 in Books > Science & Math > Earth Sciences > Climatology](#)

## Customer Reviews

Very interesting subject matter! If you love weather and the science behind it, I'd recommend this book. Easy to understand.

I am not reading this title, but the person who IS reading it (it was a gift to him) LOVES it! He is devouring it...as an introduction to Meteorology, it is a winner...

great quality & I didn't need the web code but it came with it

So far this semester, the text has been good.

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