



An Introduction to Dynamic Meteorology, Volume 88, Fourth Edition (International Geophysics)

By James R. Holton

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An Introduction to Dynamic Meteorology, Fourth Edition presents a cogent explanation of the fundamentals of meteorology, and explains storm dynamics for weather-oriented meteorologists. This revised edition features updated treatments on climate dynamics, tropical meteorology, middle atmosphere dynamics, and numerical prediction.

It contains a wealth of illustrations to elucidate text and equations, plus end-of-chapter problems.

This book is recommended for senior and graduate students in meteorology and atmospheric science, as well as atmospheric scientists desiring a broad overview of dynamical meteorology.

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Editorial Review

Review

"The book is very clearly and well written...the author succeeds in presenting the fundamentals while providing a motivating discussion on the full scope of dynamic meteorology and its applications."

-Jorg Matschullat, Interdisciplinary Environmental Research Center, in ENVIRONMENTAL GEOLOGY, VOL. 49, MARCH 2006

Praise for previous edition:

"...reflects the full scope of modern dynamic meteorology, while providing a presentation of the fundamentals." –BULLETIN AMERICAN METEOROLOGICAL SOCIETY

"The careful presentation of introductory material and clear discussion of dynamical principles make this an excellent basic account of dynamical meteorology." –JOURNAL OF FLUID MECHANICS

About the Author

By James R. Holton

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From reader reviews:

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Bobby Tremblay:

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