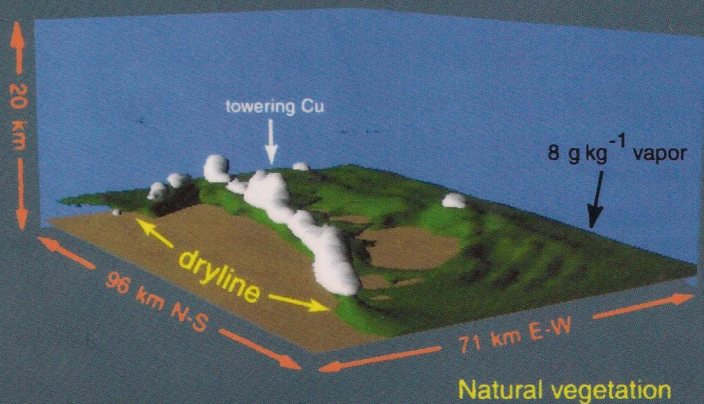
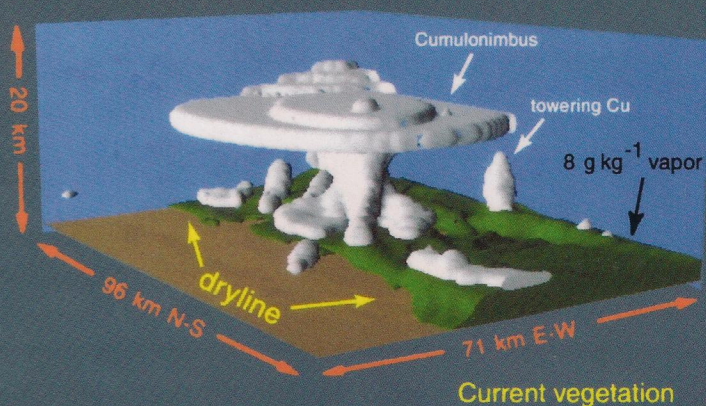


Second
Edition

Mesoscale Meteorological Modeling

R O G E R A . P I E L K E S R .



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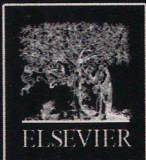
R O G E R A . P I E L K E S R .

Colorado State University, Fort Collins, Colorado

The second edition of *Mesoscale Meteorological Modeling* is a fully revised resource for researchers and practitioners in the growing field of meteorological modeling at the mesoscale. Pielke has enhanced the new edition by quantifying model capability (uncertainty) by a detailed evaluation of the assumptions of parameterization and error propagation. Mesoscale models are applied in a wide variety of studies including weather prediction, regional and local climate assessments, and air pollution investigations.

Features

- Up-to-date overview of numerical modeling appropriate to the practitioner as well as to the researcher of mesoscale phenomena.
- New numerical and analytical tools are introduced.
- The appendix of the book provides summaries of the framework and applications of a suite of mesoscale models as of early 2001.
- Instructors will appreciate the new problems that have been added to the text.



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