



Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences)

By Xiaofan Li, Shouting Gao

Download now

Read Online ➔

Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao

This book examines surface rainfall processes through cloud-resolving modeling and quantitative analysis of surface rainfall budget, and summarizes modeling and analysis results over seven years. Includes a set of diagnostic precipitation equations.

 [Download Precipitation Modeling and Quantitative Analysis \(...pdf](#)

 [Read Online Precipitation Modeling and Quantitative Analysis ...pdf](#)

Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences)

By Xiaofan Li, Shouting Gao

Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao

This book examines surface rainfall processes through cloud-resolving modeling and quantitative analysis of surface rainfall budget, and summarizes modeling and analysis results over seven years. Includes a set of diagnostic precipitation equations.

Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao **Bibliography**

- Published on: 2014-01-26
- Released on: 2014-01-26
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .58" w x 6.10" l, .0 pounds
- Binding: Paperback
- 240 pages

 [Download Precipitation Modeling and Quantitative Analysis \(...pdf](#)

 [Read Online Precipitation Modeling and Quantitative Analysis ...pdf](#)

Download and Read Free Online Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao

Editorial Review

From the Back Cover

The book examines surface rainfall processes through cloud-resolving modeling and quantitative analysis of surface rainfall budget and summarizes modeling and analysis results in recent seven years. The book shows validation of precipitation modeling against observations and derives a set of diagnostic precipitation equations. The book provides detailed discussions of the applications of precipitation equations to the examination of effects of sea surface temperature, vertical wind shear, radiation, and ice clouds on torrential rainfall processes in the tropics and mid-latitudes, and to the studies of sensitivity of precipitation modeling to uncertainty of the initial conditions and to the estimate of precipitation efficiency. The book can be used as a text book for graduate students and will be beneficial to researchers and forecasters for precipitation process studies and operational forecasts.

Xiaofan Li is a physical scientist at the Center for Satellite Applications and Research, National Environmental Satellite, Data, and Information Service, National Oceanic and Atmospheric Administration, Camp Springs, Maryland, USA. He has a doctorate in meteorology from the University of Hawaii at Manoa, Honolulu, USA and a master's degree in meteorology from Nanjing University of Information Science and Technology, Nanjing, China.

Shouting Gao is a professor at the Laboratory of Cloud-Precipitation Physics and Severe Storm, Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China. He has a doctorate and a master's degree in meteorology from the Institute of Atmospheric Physics, Beijing, China.

About the Author

Xiaofan Li is a physical scientist at the Center for Satellite Applications and Research, National Environmental Satellite, Data, and Information Service, National Oceanic and Atmospheric Administration, Camp Springs, Maryland, USA. He has a doctorate in meteorology from the University of Hawaii at Manoa, Honolulu, USA and a master's degree in meteorology from Nanjing University of Information Science and Technology, Nanjing, China.

Shouting Gao is a professor at the Laboratory of Cloud-Precipitation Physics and Severe Storm, Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China. He has a doctorate and a master's degree in meteorology from the Institute of Atmospheric Physics, Beijing, China.

Users Review

From reader reviews:

Benjamin Ward:

Book is to be different for each and every grade. Book for children right up until adult are different content. As you may know that book is very important for all of us. The book Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) has been making you to know about other know-how

and of course you can take more information. It doesn't matter what advantages for you. The guide Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) is not only giving you a lot more new information but also for being your friend when you feel bored. You can spend your personal spend time to read your reserve. Try to make relationship with the book Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences). You never experience lose out for everything should you read some books.

Stephan Stephens:

Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) can be one of your basic books that are good idea. Most of us recommend that straight away because this publication has good vocabulary that could increase your knowledge in vocab, easy to understand, bit entertaining but still delivering the information. The article author giving his/her effort to place every word into enjoyment arrangement in writing Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) but doesn't forget the main stage, giving the reader the hottest and also based confirm resource data that maybe you can be one among it. This great information could drawn you into brand-new stage of crucial considering.

Bethany Eng:

Is it an individual who having spare time and then spend it whole day simply by watching television programs or just lying down on the bed? Do you need something new? This Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) can be the answer, oh how comes? A fresh book you know. You are therefore out of date, spending your spare time by reading in this completely new era is common not a nerd activity. So what these publications have than the others?

Sophia Hardee:

A lot of book has printed but it is unique. You can get it by internet on social media. You can choose the best book for you, science, witty, novel, or whatever through searching from it. It is named of book Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences). You can contribute your knowledge by it. Without departing the printed book, it might add your knowledge and make you happier to read. It is most crucial that, you must aware about guide. It can bring you from one place to other place.

Download and Read Online Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao #J6QALW1SOV4

Read Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao for online ebook

Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao books to read online.

Online Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao ebook PDF download

Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao Doc

Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao Mobipocket

Precipitation Modeling and Quantitative Analysis (Springer Atmospheric Sciences) By Xiaofan Li, Shouting Gao EPub