



A Regional Model Study of Synoptic Features Over West Africa

By Leonard M Druyan

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Synoptic weather features over West Africa were studied in simulations by the regional simulation model (RM) at the NASA/Goddard Institute for Space Studies. These pioneering simulations represent the beginning of an effort to adapt regional models for weather and climate prediction over West Africa. The RM uses a cartesian grid with 50 km horizontal resolution and fifteen vertical levels. An ensemble of four simulations was forced with lateral boundary conditions from ECMWF global analyses for the period 8-22 August 1988. The simulated mid-tropospheric circulation includes the skillful development and movement of several African wave disturbances. Wavelet analysis of mid-tropospheric winds detected a dominant periodicity of about 4 days and a secondary periodicity of 5-8 days. Spatial distributions of RM precipitation and precipitation time series were validated against daily rain gauge measurements and ISCCP satellite infrared cloud imagery. The time-space distribution of simulated precipitation was made more realistic by combining the ECMWR initial conditions with a 24-hr spin-up of the moisture field and also by damping high frequency gravity waves by dynamic initialization. Model precipitation forecasts over the Central...

DOWNLOAD



READ ONLINE
[4.8 MB]

Reviews

Comprehensive information! Its this sort of excellent go through. It is packed with knowledge and wisdom You may like just how the author publish this book.

-- Mustafa McGlynn

Complete guideline! Its this kind of great read through. It is probably the most incredible pdf i actually have read through. Its been developed in an extremely straightforward way and it is simply soon after i finished reading this book through which actually modified me, affect the way i really believe.

-- Beryl Labadie I

You May Also Like



[Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .](#)

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



[Froebel's Occupations](#)

Theclassics.us, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



[Ohio Court Rules 2014, Government of Bench Bar](#)

Createspace, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Ohio Court Rules 2014, Government of Bench Bar, contains all of the rules relating to Ohio attorneys and judges and...



[Ohio Court Rules 2015, Government of Bench Bar](#)

Createspace, United States, 2014. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Ohio Court Rules 2015, Government of Bench Bar, contains all of the rules relating to Ohio attorneys and judges and...



[Ohio Court Rules 2012, Government of Bench Bar](#)

Createspace, United States, 2011. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Superseded by 2013 Edition. This title is available, but should be relied upon solely for purposes of historical reference or...



[Ohio Court Rules 2014, Practice Procedure](#)

Createspace, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Ohio Court Rules 2014, Practice Procedure, contains all of the procedural rules you need for the daily practice of law...