

The Geos Ozone Data Assimilation System: Specification of Error Statistics



Filesize: 6.17 MB

Reviews

Definitely one of the better book We have possibly read. We have read through and i also am certain that i am going to gonna study once again yet again in the foreseeable future. Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Enrique Labadie)

THE GEOS OZONE DATA ASSIMILATION SYSTEM: SPECIFICATION OF ERROR STATISTICS



BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 36 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. A global three-dimensional ozone data assimilation system has been developed at the Data Assimilation Office of the NASA Goddard Space Flight Center. The Total Ozone Mapping Spectrometer (TOMS) total ozone and the Solar Backscatter Ultraviolet (SBUV) or (SBUV2) partial ozone profile observations are assimilated. The assimilation, into an off-line ozone transport model, is done using the global Physical-space Statistical Analysis Scheme (PSAS). This system became operational in December 1999. A detailed description of the statistical analysis scheme, and in particular, the forecast and observation error covariance models is given. A new global anisotropic horizontal forecast error correlation model accounts for a varying distribution of observations with latitude. Correlations are largest in the zonal direction in the tropics where data is sparse. Forecast error variance model is proportional to the ozone field. The forecast error covariance parameters were determined by maximum likelihood estimation. The error covariance models are validated using χ^2 statistics. The analyzed ozone fields in the winter 1992 are validated against independent observations from ozone sondes and HALOE. There is better than 10 agreement between mean Halogen Occultation Experiment (HALOE) and analysis fields between 70 and 0.2 hPa. The global root-mean-square (RMS) difference between TOMS observed and forecast values is less than 4. The global RMS difference between SBUV observed and analyzed ozone between 50 and 3 hPa is less than 15. This item ships from La Vergne, TN. Paperback.



Read The Geos Ozone Data Assimilation System: Specification of Error Statistics Online



Download PDF The Geos Ozone Data Assimilation System: Specification of Error Statistics

Other eBooks



Yearbook Volume 15

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.This historic book may have numerous typos and missing text. Purchasers can usually download a free...

[Save ePub »](#)



Molly on the Shore, BFMS 1 Study score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 26 pages. Dimensions: 9.7in. x 6.9in. x 0.3in.Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English...

[Save ePub »](#)



By the Fire Volume 1

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 130 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.By the Fire is an exciting new Bi-Monthly publication featuring new works by...

[Save ePub »](#)



Scala in Depth

Manning Publications. Paperback. Book Condition: New. Paperback. 304 pages. Dimensions: 9.2in. x 7.3in. x 0.8in.Summary Scala in Depth is a unique new book designed to help you integrate Scala effectively into your development process. By...

[Save ePub »](#)



The Secret Life of Trees DK READERS

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 9.0in. x 6.0in. x 0.1in.This Level 2 book is perfect for children who are beginning to read alone. Why do trees lose their leaves in...

[Save ePub »](#)

**The Ghosts of Pickpocket Plantation Pretty Darn Scary Mysteries**

Gallopade International. Paperback. Book Condition: New. Paperback. 109 pages. Dimensions: 7.4in. x 5.2in. x 0.3in. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an

[Save eBook »](#)

**Viking Ships At Sunrise Magic Tree House, No. 15**

Random House Books for Young Readers. Paperback. Book Condition: New. Sal Murdocca (illustrator). Paperback. 96 pages. Dimensions: 7.4in. x 4.9in. x 0.2in. Jack and Annie are ready for their next fantasy adventure in the bestselling middle-grade

[Save eBook »](#)

**DK Readers Duckling Days**

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.9in. x 5.9in. x 0.2in. This Level 1 book is appropriate for children who are just beginning to read. Six ducklings follow mother duck everywhere. One

[Save eBook »](#)

**Multiple Streams of Internet Income**

Wiley. Hardcover. Book Condition: New. Hardcover. 279 pages. Dimensions: 9.3in. x 6.2in. x 1.2in. Praise for MULTIPLE STREAMS OF INTERNET INCOME If ever the world needed some help to succeed on the Internet, this is the moment.

[Save eBook »](#)

**Too Old for Motor Racing: A Short Story in Case I Didn't Live Long Enough to Finish Writing a Longer One**

Balboa Press. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. We all have dreams of what we want to do and who we want to become. Many of us eventually decide

[Save eBook »](#)