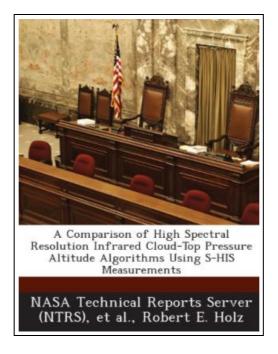
A Comparison of High Spectral Resolution Infrared Cloud-Top Pressure Altitude Algorithms Using S-His Measurements



Filesize: 1.46 MB

Reviews

Good e-book and useful one. It typically does not expense an excessive amount of. I am just delighted to tell you that this is basically the finest book we have read during my very own existence and could be he best ebook for actually.

(Audra Hodkiewicz)

A COMPARISON OF HIGH SPECTRAL RESOLUTION INFRARED CLOUD-TOP PRESSURE ALTITUDE ALGORITHMS USING S-HIS MEASUREMENTS



Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book ***** Print on Demand ******.This paper presents a comparison of cloud-top altitude retrieval methods applied to S-HIS (Scanning High Resolution Interferometer Sounder) measurements. Included in this comparison is an improvement to the traditional CO2 Slicing method. The new method, CO2 Sorting, determines optimal channel pairs to apply the CO2 Slicing. Measurements from collocated samples of the Cloud Physics Lidar (CPL) and Modis Airborne Simulator (MAS) instruments assist in the comparison. For optically thick clouds good correlation between the S-HIS and lidar cloud-top retrievals are found. For tenuous ice clouds there can be large differences between lidar (CPL) and S-HIS retrieved cloud-tops. It is found that CO2 Sorting significantly reduces the cloud height biases for the optically thin cloud (total optical depths less then 1.0). For geometrically thick but optically thin cirrus clouds large differences between the S-HIS infrared cloud top retrievals and the CPL detected cloud top where found. For these cases the cloud height retrieved by the S-HIS cloud retrievals correlated closely with the level the CPL integrated cloud optical depth was approximately 1.0.



Read A Comparison of High Spectral Resolution Infrared Cloud-Top Pressure Altitude Algorithms Using S-His Measurements Online Download PDF A Comparison of High Spectral Resolution Infrared Cloud-Top Pressure Altitude Algorithms Using S-His Measurements

Relevant eBooks



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book
***** Print on Demand ******. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

Read Book

>>



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book
***** Print on Demand ******. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

Read Book

>>



Ohio Court Rules 2013, Practice Procedure

Createspace, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. Superseded by 2014 Edition. This title is available, but should be relied...

Read Book

»



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...

Read Book

>>



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. 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 download...

Read Book

»