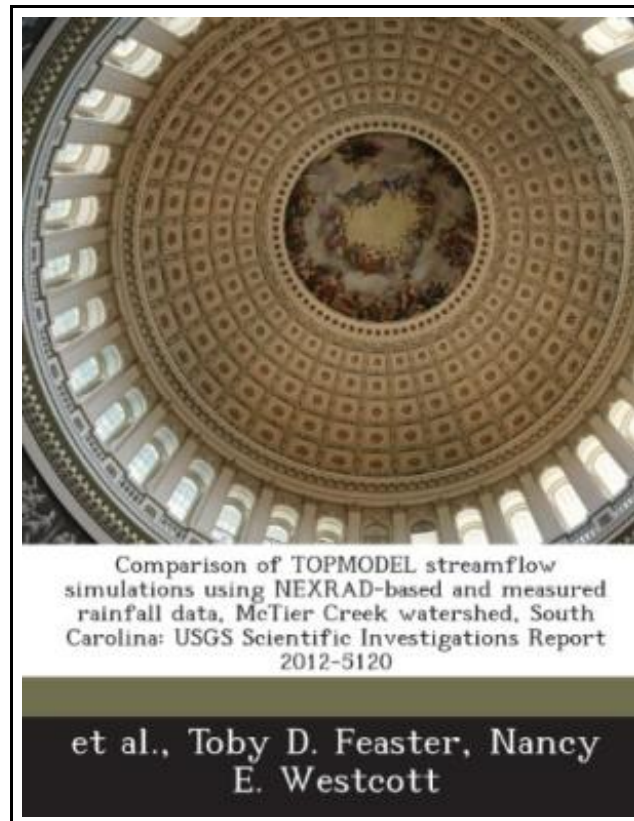


Comparison of Topmodel Streamflow Simulations Using Nexrad-Based and Measured Rainfall Data, McTier Creek Watershed, South Carolina: Usgs Scientific Investigations Report 2012-5120



Filesize: 4.29 MB

Reviews

These kinds of publication is the ideal pdf offered. It generally is not going to expense too much. I am just delighted to let you know that this is actually the very best book i have go through inside my very own life and might be he finest ebook for ever.

(Mabelle Schoen)

COMPARISON OF TOPMODEL STREAMFLOW SIMULATIONS USING NEXRAD-BASED AND MEASURED RAINFALL DATA, MCTIER CREEK WATERSHED, SOUTH CAROLINA: USGS SCIENTIFIC INVESTIGATIONS REPORT 2012-5120

DOWNLOAD



To read **Comparison of Topmodel Streamflow Simulations Using Nexrad-Based and Measured Rainfall Data, McTier Creek Watershed, South Carolina: Usgs Scientific Investigations Report 2012-5120** eBook, remember to refer to the web link listed below and save the ebook or have accessibility to other information which might be relevant to COMPARISON OF TOPMODEL STREAMFLOW SIMULATIONS USING NEXRAD-BASED AND MEASURED RAINFALL DATA, MCTIER CREEK WATERSHED, SOUTH CAROLINA: USGS SCIENTIFIC INVESTIGATIONS REPORT 2012-5120 ebook.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Rainfall is an important forcing function in most watershed models. As part of a previous investigation to assess interactions among hydrologic, geochemical, and ecological processes that affect fish-tissue mercury concentrations in the Edisto River Basin, the topography-based hydrological model (TOPMODEL) was applied in the McTier Creek watershed in Aiken County, South Carolina. Measured rainfall data from six National Weather Service (NWS) Cooperative (COOP) stations surrounding the McTier Creek watershed were used to calibrate the McTier Creek TOPMODEL. Since the 1990s, the next generation weather radar (NEXRAD) has provided rainfall estimates at a finer spatial and temporal resolution than the NWS COOP network. For this investigation, NEXRAD-based rainfall data were generated at the NWS COOP stations and compared with measured rainfall data for the period June 13, 2007, to September 30, 2009. Likewise, these NEXRAD-based rainfall data were used with TOPMODEL to simulate streamflow in the McTier Creek watershed and then compared with the simulations made using measured rainfall data. NEXRAD-based rainfall data for non-zero rainfall days were lower than measured rainfall data at all six NWS COOP locations. The total number of concurrent days for which both measured and NEXRAD-based data were available at the COOP stations ranged from 501 to 833, the number of non-zero days ranged from 139 to 209, and the total difference in rainfall ranged from -1.3 to -21.6 inches. With the calibrated TOPMODEL, simulations using NEXRAD-based rainfall data and those using measured rainfall data produce similar results with respect to matching the timing and shape of the hydrographs. Comparison of the bias, which is the mean of the residuals between observed and simulated streamflow, however, reveals that simulations using NEXRAD-based rainfall tended to...



[Read Comparison of Topmodel Streamflow Simulations Using Nexrad-Based and Measured Rainfall Data, McTier Creek Watershed, South Carolina: Usgs Scientific Investigations Report 2012-5120 Online](#)



[Download PDF Comparison of Topmodel Streamflow Simulations Using Nexrad-Based and Measured Rainfall Data, McTier Creek Watershed, South Carolina: Usgs Scientific Investigations Report 2012-5120](#)



[Download ePub Comparison of Topmodel Streamflow Simulations Using Nexrad-Based and Measured Rainfall Data, McTier Creek Watershed, South Carolina: Usgs Scientific Investigations Report 2012-5120](#)

Relevant Kindle Books



[PDF] 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 .

Follow the web link beneath to read "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 ." document.

[Download Book »](#)



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

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

[Download Book »](#)



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

Follow the web link beneath to read "Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)" document.

[Download Book »](#)



[PDF] Ohio Court Rules 2013, Practice Procedure

Follow the web link beneath to read "Ohio Court Rules 2013, Practice Procedure" document.

[Download Book »](#)



[PDF] 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

Follow the web link beneath to read "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" document.

[Download Book »](#)



[PDF] A Year Book for Primary Grades; Based on Froebel s Mother Plays

Follow the web link beneath to read "A Year Book for Primary Grades; Based on Froebel s Mother Plays" document.

[Download Book »](#)



[PDF] From Dare to Due Date

Access the web link listed below to download "From Dare to Due Date" document.

[Save Document »](#)



[PDF] From Kristallnacht to Israel: A Holocaust Survivor's Journey

Access the web link listed below to download "From Kristallnacht to Israel: A Holocaust Survivor's Journey" document.

[Save Document »](#)



[PDF] ESL Stories for Preschool: Book 1

Access the web link listed below to download "ESL Stories for Preschool: Book 1" document.

[Save Document »](#)



[PDF] Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package

Access the web link listed below to download "Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package" document.

[Save Document »](#)



[PDF] Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

Access the web link listed below to download "Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities" document.

[Save Document »](#)



[PDF] The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program

Access the web link listed below to download "The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program" document.

[Save Document »](#)