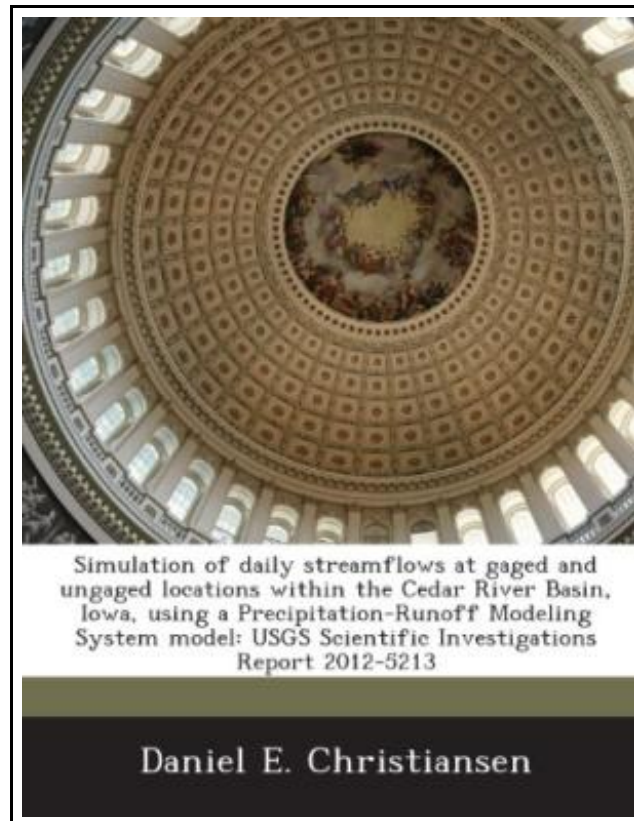


# Simulation of Daily Streamflows at Gaged and Ungaged Locations Within the Cedar River Basin, Iowa, Using a Precipitation-Runoff Modeling System Model: Usgs Scientific Investigations Report 2012-5213 (Paperback)



Filesize: 8.49 MB

## ***Reviews***

*I actually started out reading this article publication. It is loaded with knowledge and wisdom Your way of life span is going to be transform as soon as you total reading this article pdf.*  
*(Mrs. Felicia Windler)*

## **SIMULATION OF DAILY STREAMFLOWS AT GAGED AND UNGAGED LOCATIONS WITHIN THE CEDAR RIVER BASIN, IOWA, USING A PRECIPITATION-RUNOFF MODELING SYSTEM MODEL: USGS SCIENTIFIC INVESTIGATIONS REPORT 2012-5213 (PAPERBACK)**

**DOWNLOAD**



To read **Simulation of Daily Streamflows at Gaged and Ungaged Locations Within the Cedar River Basin, Iowa, Using a Precipitation-Runoff Modeling System Model: Usgs Scientific Investigations Report 2012-5213 (Paperback)** PDF, please click the hyperlink listed below and save the document or have access to additional information that are relevant to SIMULATION OF DAILY STREAMFLOWS AT GAGED AND UNGAGED LOCATIONS WITHIN THE CEDAR RIVER BASIN, IOWA, USING A PRECIPITATION-RUNOFF MODELING SYSTEM MODEL: USGS SCIENTIFIC INVESTIGATIONS REPORT 2012-5213 (PAPERBACK) book.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The U.S. Geological Survey, in cooperation with the Iowa Department of Natural Resources, conducted a study to examine techniques for estimation of daily streamflows using hydrological models and statistical methods. This report focuses on the use of a hydrologic model, the U.S. Geological Survey's Precipitation-Runoff Modeling System, to estimate daily streamflows at gaged and ungaged locations. The Precipitation-Runoff Modeling System is a modular, physically based, distributed-parameter modeling system developed to evaluate the impacts of various combinations of precipitation, climate, and land use on surface-water runoff and general basin hydrology. The Cedar River Basin was selected to construct a Precipitation-Runoff Modeling System model that simulates the period from January 1, 2000, to December 31, 2010. The calibration period was from January 1, 2000, to December 31, 2004, and the validation periods were from January 1, 2005, to December 31, 2010 and January 1, 2000 to December 31, 2010. A Geographic Information System tool was used to delineate the Cedar River Basin and subbasins for the Precipitation-Runoff Modeling System model and to derive parameters based on the physical geographical features. Calibration of the Precipitation-Runoff Modeling System model was completed using a U.S. Geological Survey calibration software tool. The main objective of the calibration was to match the daily streamflow simulated by the Precipitation-Runoff Modeling System model with streamflow measured at U.S. Geological Survey streamflow gages. The Cedar River Basin daily streamflow model performed with a Nash-Sutcliffe efficiency ranged from 0.82 to 0.33 during the calibration period, and a Nash-Sutcliffe efficiency ranged from 0.77 to -0.04 during the validation period. The Cedar River Basin model is meeting the criteria of greater than 0.50 Nash-Sutcliffe and is a good fit for...



**Read Simulation of Daily Streamflows at Gaged and Ungaged Locations Within the Cedar River Basin, Iowa, Using a Precipitation-Runoff Modeling System Model: Usgs Scientific Investigations Report 2012-5213 (Paperback) Online**



**Download PDF Simulation of Daily Streamflows at Gaged and Ungaged Locations Within the Cedar River Basin, Iowa, Using a Precipitation-Runoff Modeling System Model: Usgs Scientific Investigations Report 2012-5213 (Paperback)**

## Other PDFs



[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 . (Paperback)**

Click the hyperlink listed below 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 . (Paperback)" file.

[Save ePub »](#)



[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 (Paperback)**

Click the hyperlink listed below 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 (Paperback)" file.

[Save ePub »](#)



[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) (Paperback)**

Click the hyperlink listed below 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) (Paperback)" file.

[Save ePub »](#)



[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) (Paperback)**

Click the hyperlink listed below 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) (Paperback)" file.

[Save ePub »](#)



[PDF] **Symphony No.2 Little Russian (1880 Version), Op.17: Study Score (Paperback)**

Click the hyperlink listed below to read "Symphony No.2 Little Russian (1880 Version), Op.17: Study Score (Paperback)" file.

[Save ePub »](#)



[PDF] **Firelight Stories; Folk Tales Retold for Kindergarten, School and Home (Paperback)**

Click the hyperlink listed below to read "Firelight Stories; Folk Tales Retold for Kindergarten, School and Home (Paperback)" file.

[Save ePub »](#)