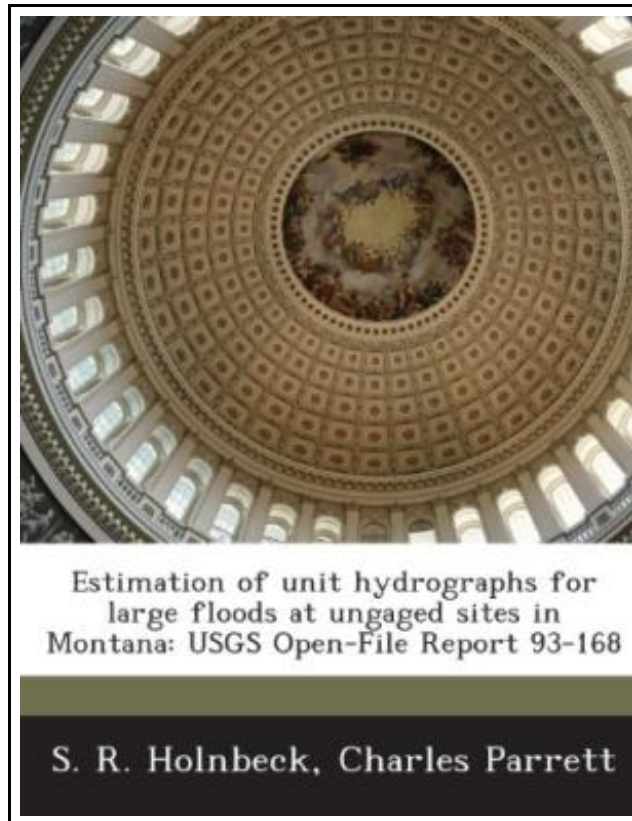


Estimation of Unit Hydrographs for Large Floods at Ungaged Sites in Montana: Usgs Open-File Report 93-168



Filesize: 2.37 MB

Reviews

This ebook is very gripping and fascinating. Sure, it is engage in, nevertheless an amazing and interesting literature. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Ms. Ora Buckridge)

ESTIMATION OF UNIT HYDROGRAPHS FOR LARGE FLOODS AT UNGAGED SITES IN MONTANA: USGS OPEN-FILE REPORT 93-168



To get **Estimation of Unit Hydrographs for Large Floods at Ungaged Sites in Montana: Usgs Open-File Report 93-168** PDF, remember to refer to the button below and save the document or get access to other information which might be in conjunction with ESTIMATION OF UNIT HYDROGRAPHS FOR LARGE FLOODS AT UNGAGED SITES IN MONTANA: USGS OPEN-FILE REPORT 93-168 book.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Methods were developed for estimating unit hydrographs at ungaged sites in Montana using either the Clark or dimensionless unit-hydrograph method. Flood hydrograph data for 26 U.S. Geological Survey streamflow-gaging stations and rainfall data were used together with a rainfall-runoff simulation model (HEC-1) to derive unit hydrographs and important unit-hydrograph variables. A multiple-regression analysis relating four unit-hydrograph variables (time of concentration, basin-storage coefficient, Snyder standard lag, and dimensionless peak discharge) to basin characteristics showed a significant (95 percent confidence level) relation only with drainage area for time of concentration, basin-storage coefficient, and Snyder standard lag. In the regression relation for dimensionless peak discharge, the only significant basin characteristic was basin factor, a function of channel length, distance from the basin centroid to mouth, and channel slope. An alternative equation based only on drainage area was almost as reliable. Regression equations for estimating basin-storage coefficient and dimensionless peak discharge had coefficients of determination (r^2) ranging from 0.19 to 0.47. An average dimensionless unit hydrograph was determined for the 26 sites, and a method was developed for adjusting its magnitude and shape to account for site-specific information. The 26 derived unit hydrographs were compared with those calculated by the described estimation methods. The two methods performed about equally well in matching derived unit-hydrograph peaks and shapes. (USGS).



[Read Estimation of Unit Hydrographs for Large Floods at Ungaged Sites in Montana: Usgs Open-File Report 93-168 Online](#)



[Download PDF Estimation of Unit Hydrographs for Large Floods at Ungaged Sites in Montana: Usgs Open-File Report 93-168](#)



[Download ePub Estimation of Unit Hydrographs for Large Floods at Ungaged Sites in Montana: Usgs Open-File Report 93-168](#)

Other 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 hyperlink beneath to get "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 ." file.

[Read Document »](#)



[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 hyperlink beneath to get "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" file.

[Read Document »](#)



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

Follow the hyperlink beneath to get "Symphony No.2 Little Russian (1880 Version), Op.17: Study Score" file.

[Read Document »](#)



[PDF] Froebel s Occupations

Follow the hyperlink beneath to get "Froebel s Occupations" file.

[Read Document »](#)



[PDF] A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home

Follow the hyperlink beneath to get "A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home" file.

[Read Document »](#)



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

Follow the hyperlink beneath to get "A Year Book for Primary Grades; Based on Froebel s Mother Plays" file.

[Read Document »](#)



[PDF] Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters!

Click the web link under to get "Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters!" PDF document.

[Save ePub »](#)



[PDF] Hope for Autism: 10 Practical Solutions to Everyday Challenges

Click the web link under to get "Hope for Autism: 10 Practical Solutions to Everyday Challenges" PDF document.

[Save ePub »](#)



[PDF] Oxford Reading Tree Treetops Time Chronicles: Level 13: the Stone of Destiny

Click the web link under to get "Oxford Reading Tree Treetops Time Chronicles: Level 13: the Stone of Destiny" PDF document.

[Save ePub »](#)



[PDF] A Hero s Song, Op. 111 / B. 199: Study Score

Click the web link under to get "A Hero s Song, Op. 111 / B. 199: Study Score" PDF document.

[Save ePub »](#)



[PDF] Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook

Click the web link under to get "Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook" PDF document.

[Save ePub »](#)



[PDF] Electronic Dreams: How 1980s Britain Learned to Love the Computer

Click the web link under to get "Electronic Dreams: How 1980s Britain Learned to Love the Computer" PDF document.

[Save ePub »](#)