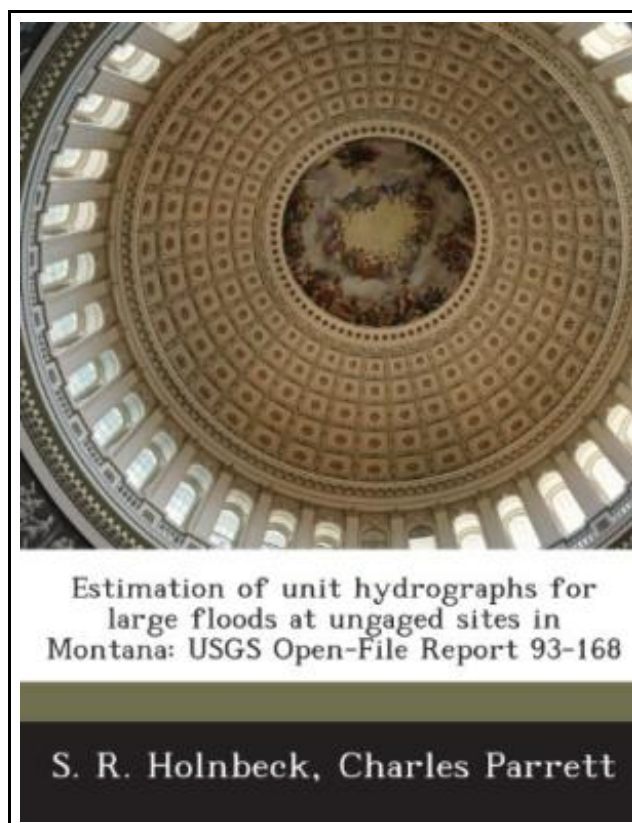


## Estimation of Unit Hydrographs for Large Floods at Ungaged Sites in Montana: Usgs Open-File Report 93-168



Filesize: 8.06 MB

### ***Reviews***

*The ebook is straightforward in go through preferable to recognize. It typically does not charge too much. Its been designed in an exceptionally straightforward way and it is just following i finished reading this book where basically altered me, affect the way i really believe.*




*(Dr. Reta Murphy)*

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



To save **Estimation of Unit Hydrographs for Large Floods at Ungaged Sites in Montana: Usgs Open-File Report 93-168** eBook, remember to follow the button under and download the document or have accessibility to additional information that are highly relevant to ESTIMATION OF UNIT HYDROGRAPHS FOR LARGE FLOODS AT UNGAGED SITES IN MONTANA: USGS OPEN-FILE REPORT 93-168 eBook.

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 Kindle Books



### **[PDF] Weebies Family Halloween Night English Language: English Language British Full Colour**

Follow the web link listed below to get "Weebies Family Halloween Night English Language: English Language British Full Colour" PDF file.

[Save Book »](#)



### **[PDF] The Battle of Eastleigh, England U.S.N.A.F., 1918**

Follow the web link listed below to get "The Battle of Eastleigh, England U.S.N.A.F., 1918" PDF file.

[Save Book »](#)



### **[PDF] My Big Book of Bible Heroes for Kids: Stories of 50 Weird, Wild, Wonderful People from God's Word**

Follow the web link listed below to get "My Big Book of Bible Heroes for Kids: Stories of 50 Weird, Wild, Wonderful People from God's Word" PDF file.

[Save Book »](#)



### **[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Follow the web link listed below to get "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" PDF file.

[Save Book »](#)



### **[PDF] Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]**

Follow the web link listed below to get "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]" PDF file.

[Save Book »](#)



### **[PDF] Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)**

Follow the web link listed below to get "Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)" PDF file.

[Save Book »](#)

**[PDF] The Mystery of God s Evidence They Don t Want You to Know of**

Access the web link listed below to get "The Mystery of God s Evidence They Don t Want You to Know of" file.

[Download ePub »](#)

**[PDF] Weebies Family Early Reading English Book: Full Colour Illustrations and Short Children s Stories**

Access the web link listed below to get "Weebies Family Early Reading English Book: Full Colour Illustrations and Short Children s Stories" file.

[Download ePub »](#)

**[PDF] New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond**

Access the web link listed below to get "New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond" file.

[Download ePub »](#)

**[PDF] Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York**

Access the web link listed below to get "Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York" file.

[Download ePub »](#)

**[PDF] Alfred s Kid s Piano Course Complete: The Easiest Piano Method Ever!, Book, DVD Online Audio Video**

Access the web link listed below to get "Alfred s Kid s Piano Course Complete: The Easiest Piano Method Ever!, Book, DVD Online Audio Video" file.

[Download ePub »](#)

**[PDF] It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em**

Access the web link listed below to get "It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em" file.

[Download ePub »](#)