



Determination of Peak Discharge-Frequency Relationships for Streams Within a Selected Area in California (Classic Reprint) (Paperback)

By Earl Lock Neff

Forgotten Books, 2017. Paperback. Condition: New. Language: English . Brand New Book *****
Print on Demand ******. Excerpt from Determination of Peak Discharge-Frequency Relationships for Streams Within a Selected Area in California If the theory of normal distribution of logarithms of hydrologic data is assumed, then the discharge-frequency relationship can be expressed as a straight line on logarithmic-normal graph paper. There are several ways by which it is possible to construct this straight line. One method is to use recorded data to compute the mean and the standard deviation of the logarithms of a series of discharges to arrive at the statistically most probable frequency line, while another method is to define the line by the mean event and the ratio of some other frequency event to the mean. In this study standard multiple regression procedures were used on the various climatic and physiographic parameters to determine equations for estimating the mean event and the ratio of the 100-year frequency event to the mean. This report is presented in five parts: (1) the introduction, (2) parameters and symbols, (3) methods, (4) results, and (5) example and conclusion. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic...



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