This map is one of a series of maps designed to provide a hydrologic framework for the State of Louisiana. The map shows the distribution of runoff characteristics throughout the state, with the runoff expressed in terms of cubic feet per second per square mile. The map is divided into regions, each with a different runoff value, and the color coding is used to indicate the runoff rate.

The runoff characteristics are influenced by the local geology, climate, and land use. The highest runoff rates are found in the areas with the highest precipitation and the least amount of vegetation cover. The runoff rates are also affected by the type of soil and the amount of surface water storage.

The map is intended to be used as a reference for water resource management, planning, and development in the state. It can help in the identification of areas with high runoff rates that may need special attention for flood control and water conservation measures.

The map is based on the data collected from various sources, including the National Weather Service, the U.S. Geological Survey, and other state and federal agencies. The data was compiled and mapped by the Louisiana Department of Transportation and Development Office of Public Works.

The map is part of a larger series of maps that provide a comprehensive hydrologic framework for the state. The maps are available for download from the state's website.

For more information, please contact the Louisiana Department of Transportation and Development Office of Public Works.

LOUISIANA HYDROLOGIC ATLAS MAP NO. 1:
MEAN ANNUAL RUNOFF IN LOUISIANA

By
Harry C. McWreath, III and Alfred S. Lowe

1986