

Hydrology - SCWRC Report 140

South Carolina State Water Assessment

By
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PREFACE

This report constitutes South Carolina's first statewide water resource assessment and was prepared under the direction of the South Carolina Water Resources Commission with assistance from various State and Federal agencies. This report is intended to provide a basic foundation for the development of a state water plan. It is also hoped that this report will serve as an initial reference document for those searching for information about South Carolina's water resources. Statewide information and more specific sub-basin information is easily accessed and summarized in tables and clearly presented in figures when appropriate. A county/sub-basin cross-reference is also provided following the Table of Contents to aid the reader in locating information. To the extent possible, care was taken to explain water resource principles and terminology and study methodologies, assumptions, interpretations, and other technical reasonings. As a further aid to the reader, several Supplemental Information Boxes are strategically located throughout the report, providing explanations of technical terms and interpretations (see List of Supplemental Information Boxes).

The base year for all data in this report, unless otherwise noted, was 1980. The reader should keep in mind that hydrologic, water-use, and water quality data can vary from year-to-year, season-to-season, and even day-to-day. The data presented in this document are generally average or trend-line data and in some cases specific for the base year. If more up-to-date or specific information is needed, the reader is urged to contact the appropriate government agency.

Projections were made for population and water use growth for 1990, 2000, 2010, and 2020. The population projections were made using preliminary U. S. Census county data and in some cases may vary from the finalized 1980 population figures.

Because of the varying accuracy of reported water use from a variety of sources, water use values are generally rounded to three significant figures. Also, partial water use values presented in tables may not sum to totals because of partial rounding.

Copies of this report are available in the SCDNR's Columbia office.