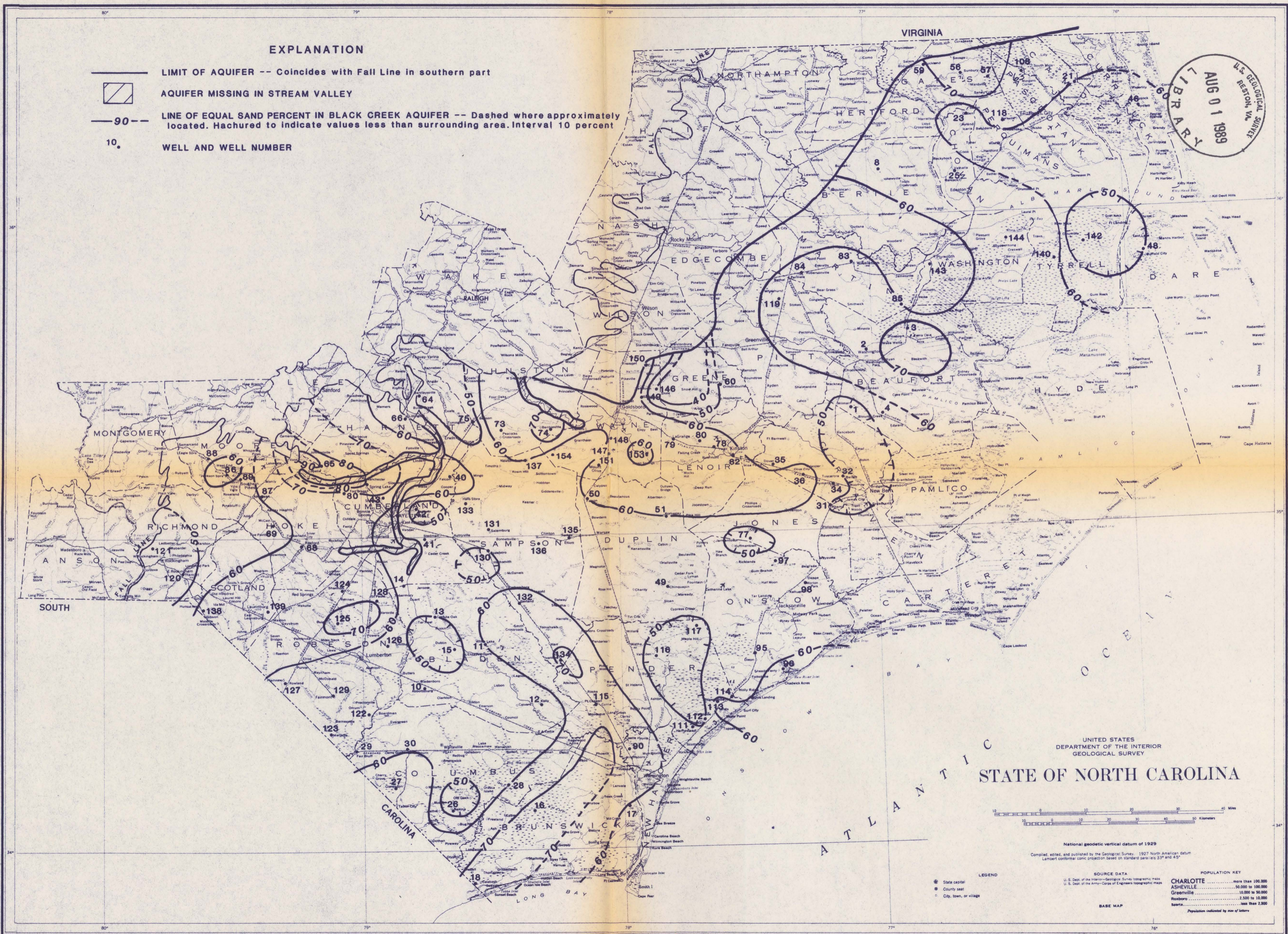


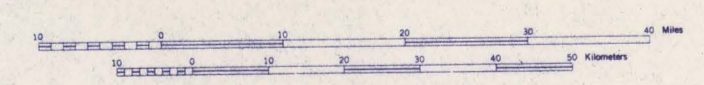
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EXPLANATION

- LIMIT OF AQUIFER -- Coincides with Fall Line in southern part
- AQUIFER MISSING IN STREAM VALLEY
- LINE OF EQUAL SAND PERCENT IN BLACK CREEK AQUIFER -- Dashed where approximately located. Hachured to indicate values less than surrounding area. Interval 10 percent
- WELL AND WELL NUMBER



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
STATE OF NORTH CAROLINA



National geodetic vertical datum of 1929
 Compiled, edited, and published by the Geological Survey, 1927 North American datum
 Lambert conformal conic projection based on standard parallels 33° and 45°

LEGEND

- ★ State capital
- County seat
- City, town, or village

SOURCE DATA

U.S. Dept. of the Interior—Geological Survey topographic maps
 U.S. Dept. of the Army— Corps of Engineers topographic maps

POPULATION KEY

CHARLOTTE more than 100,000
 ASHEVILLE 50,000 to 100,000
 GREENVILLE 10,000 to 50,000
 ROANOKE 2,500 to 10,000
 Sparta less than 2,500
 Population indicated by size of letters

BASE MAP

SAND PERCENTAGE IN THE BLACK CREEK AQUIFER