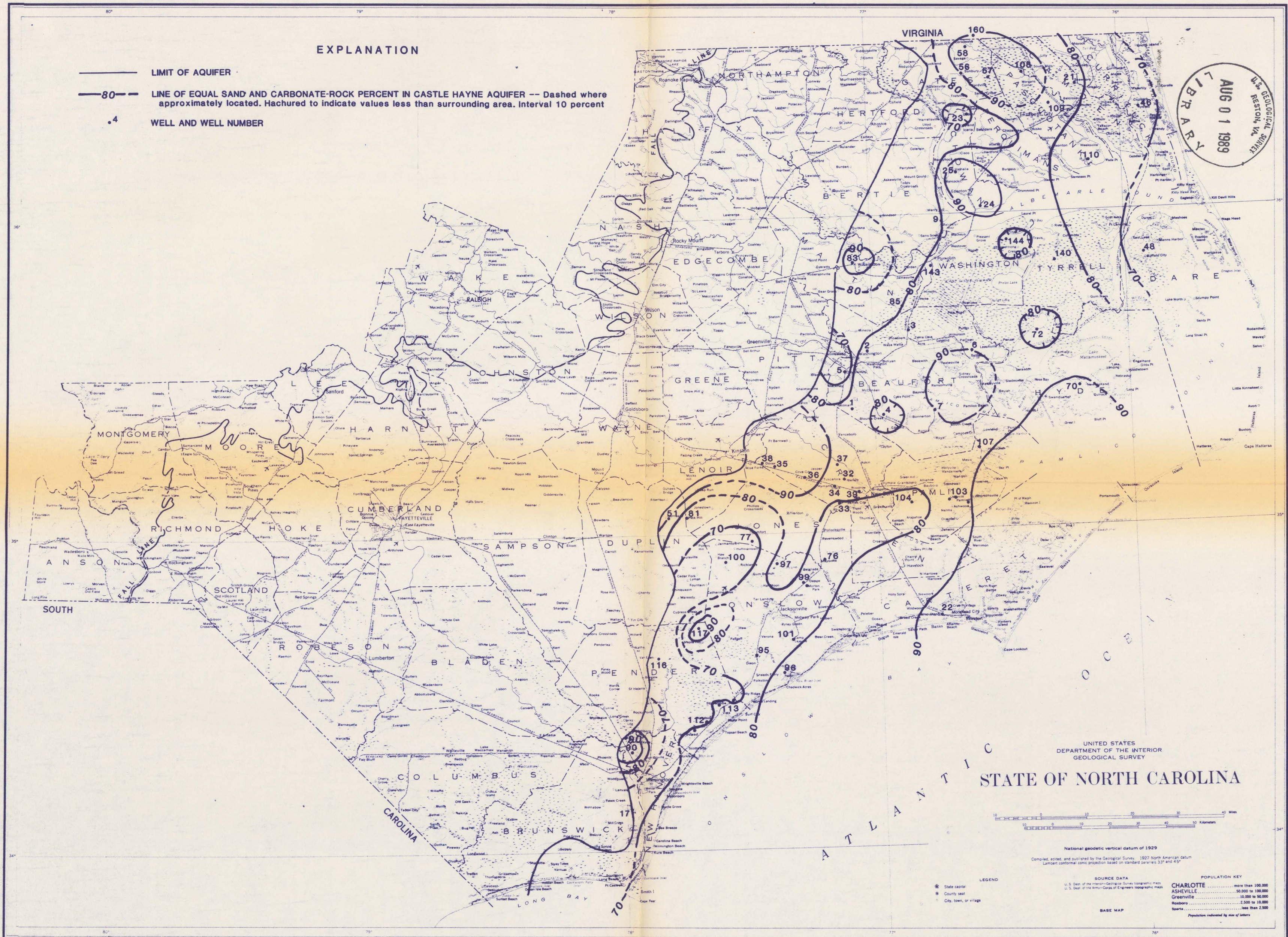


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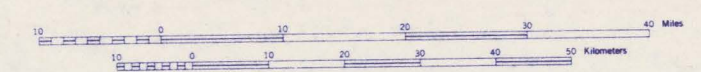


EXPLANATION

- LIMIT OF AQUIFER
- 80 — LINE OF EQUAL SAND AND CARBONATE-ROCK PERCENT IN CASTLE HAYNE AQUIFER -- Dashed where approximately located. Hachured to indicate values less than surrounding area. Interval 10 percent
- 4 WELL AND WELL NUMBER

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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 43°

- 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 Interior-Corps of Engineers topographic maps
- POPULATION KEY**
- CHARLOTTE more than 100,000
 - ASHEVILLE 50,000 to 100,000
 - Greenville 10,000 to 50,000
 - Others 2,500 to 10,000
 - Squares less than 2,500
- Population indicated by size of letters

SAND AND CARBONATE-ROCK PERCENTAGE IN THE CASTLE HAYNE AQUIFER