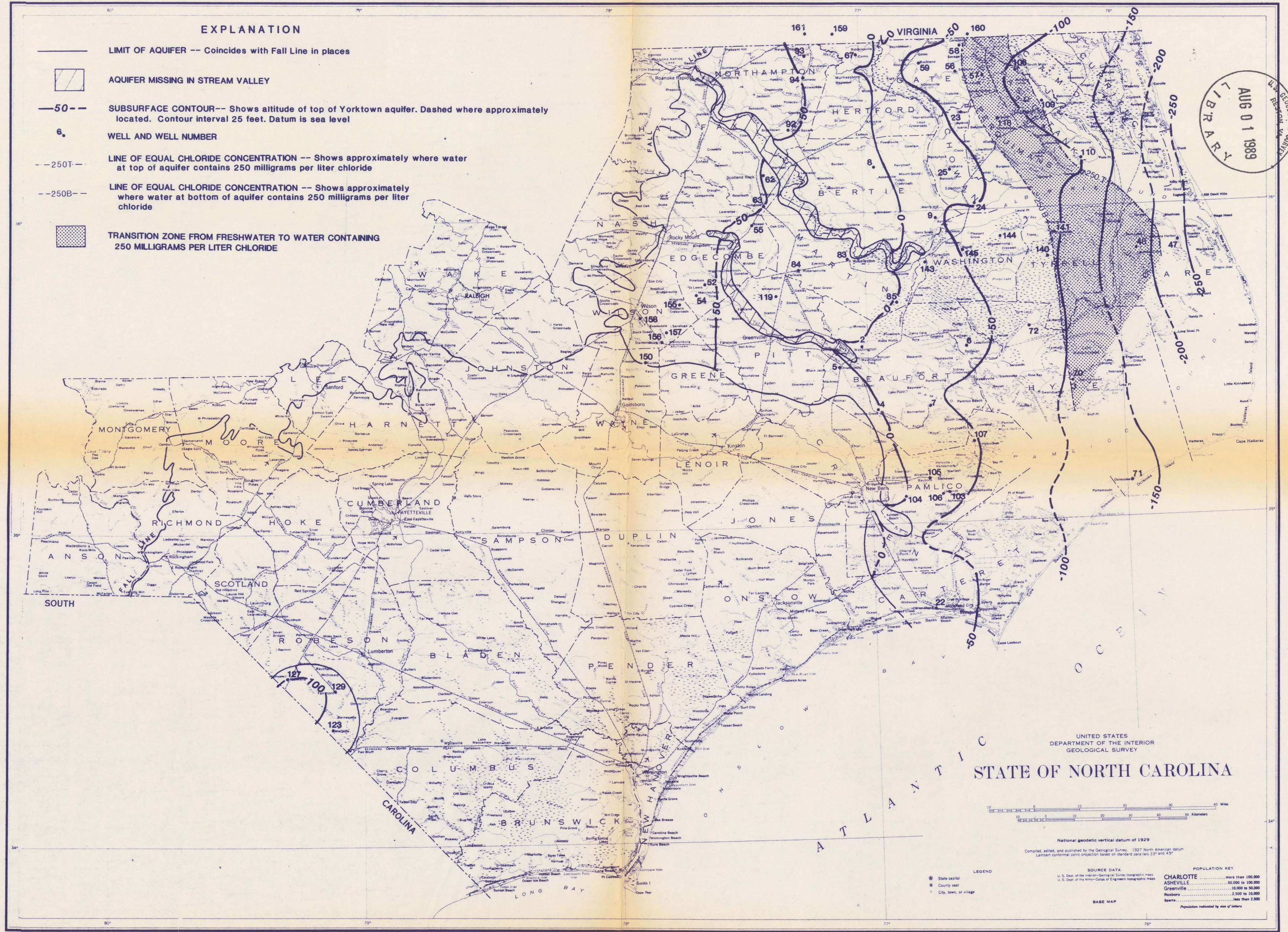


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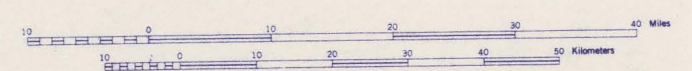


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EXPLANATION

- LIMIT OF AQUIFER -- Coincides with Fall Line in places
- AQUIFER MISSING IN STREAM VALLEY
- 50- SUBSURFACE CONTOUR-- Shows altitude of top of Yorktown aquifer. Dashed where approximately located. Contour interval 25 feet. Datum is sea level
- WELL AND WELL NUMBER
- 250T- LINE OF EQUAL CHLORIDE CONCENTRATION -- Shows approximately where water at top of aquifer contains 250 milligrams per liter chloride
- 250B- LINE OF EQUAL CHLORIDE CONCENTRATION -- Shows approximately where water at bottom of aquifer contains 250 milligrams per liter chloride
- ▨ TRANSITION ZONE FROM FRESHWATER TO WATER CONTAINING 250 MILLIGRAMS PER LITER CHLORIDE

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

BASE MAP

POPULATION KEY

CHARLOTTE	more than 100,000
ASHEVILLE	50,000 to 100,000
Greenville	10,000 to 50,000
Roxboro	2,500 to 10,000
Spartanburg	less than 2,500

Population indicated by size of letters

ALTITUDE OF THE TOP OF THE YORKTOWN AQUIFER