
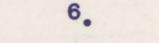
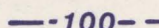
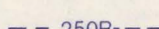
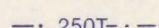

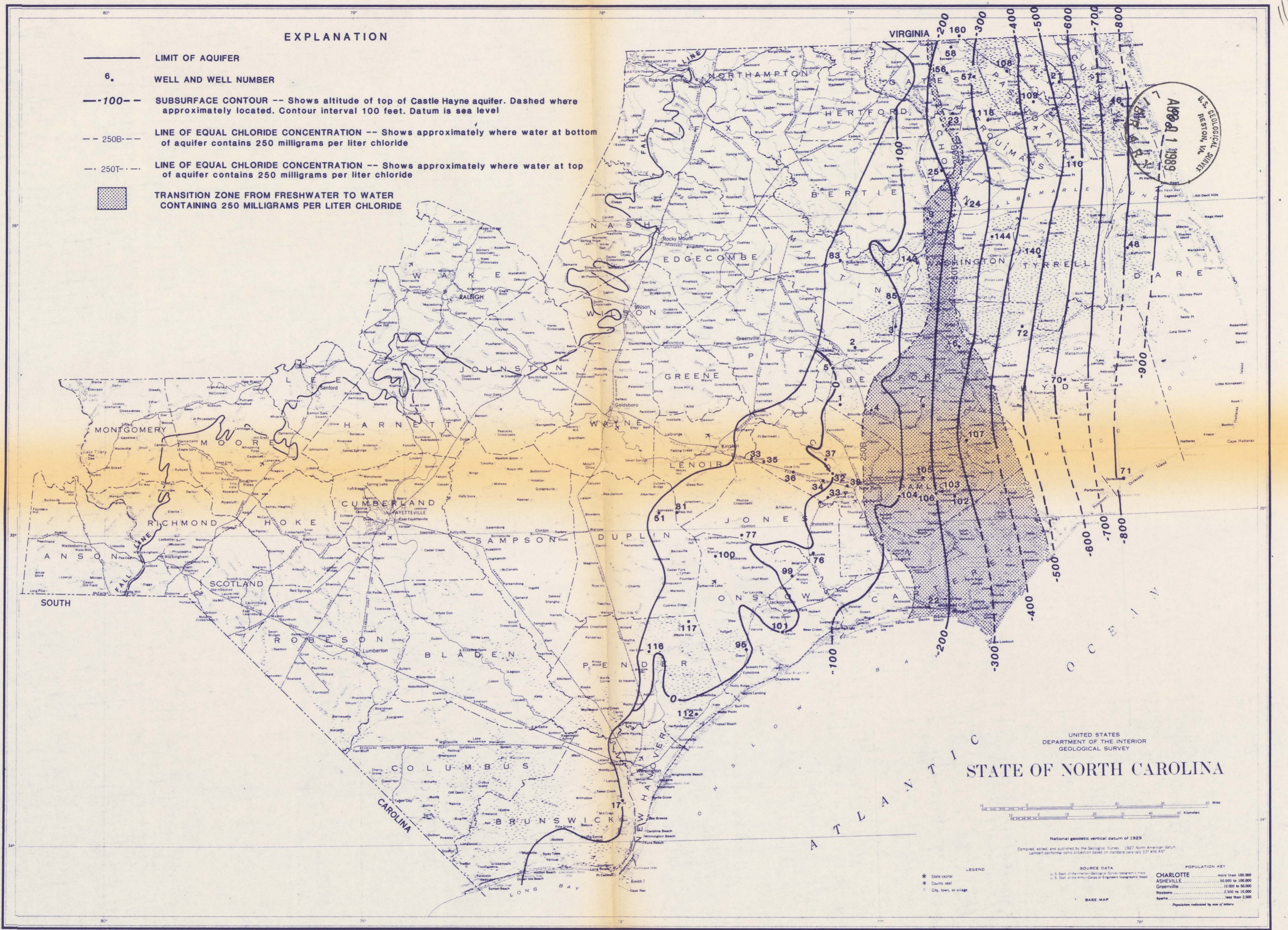


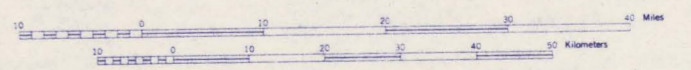
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EXPLANATION

-  LIMIT OF AQUIFER
-  6. WELL AND WELL NUMBER
-  -100- SUBSURFACE CONTOUR -- Shows altitude of top of Castle Hayne aquifer. Dashed where approximately located. Contour interval 100 feet. Datum is sea level
-  -250B- LINE OF EQUAL CHLORIDE CONCENTRATION -- Shows approximately where water at bottom of aquifer contains 250 milligrams per liter chloride
-  -250T- LINE OF EQUAL CHLORIDE CONCENTRATION -- Shows approximately where water at top 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

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
- Spots less than 2,500

Population indicated by size of letters

BASE MAP

ALTITUDE OF THE TOP OF THE CASTLE HAYNE AQUIFER