

some of the main-stream valleys in Cumberland and Johnston counties. The elevation of the inner surface of the Wicomico terrace in the northern counties is somewhat greater than in the south, but this is doubtless due to the fact that the Wicomico terrace has, because of marine planation, encroached somewhat farther westward on the Sunderland terrace here than farther to the south. The outer margin of the Wicomico terrace is about 60 feet, except in the great tract between the Cape Fear and Neuse rivers, where its easterly extension declines to 50 feet.

The largest areas of the Wicomico terrace are found between the Chowan and Roanoke rivers in Bertie, Hertford, and Northampton counties; between the Roanoke and Tar rivers in Halifax, Edgecombe, and Martin counties; between the Tar and Neuse rivers in Pitt and Greene counties; between the Neuse and Cape Fear rivers in Lenoir, Craven, Jones, Duplin, Onslow, Pender, and Bladen counties; and south of the Cape Fear between the Waccamaw and Lumber, chiefly in Columbus County. Much the largest area is between the Neuse and Cape Fear rivers, this great interstream area, many hundreds of square miles in area and over 40 miles in width, being poorly drained and with several great swamps on its surface. Here are found the Great Dover Swamp of Craven and Jones counties, the Whiteoak Pocoson of Jones and Pender counties, the Holly Shelter Swamp of Pender County, and the large swamp tracts in southern Duplin County. To the north of the Neuse River the areas are smaller and more largely dissected and the surface has been more fully drained. Even here, especially in the extensive area between the Roanoke and Chowan rivers, numerous swamps are found.

*The Chowan Terrace.*—The Talbot terrace of Maryland may be divided into two terraces in North Carolina. They are called the Chowan and Pamlico terraces, from formations of the same names described in later pages of this report. The Chowan terrace lies to the east of the Wicomico terrace and also extends as reëntnants up many of the river channels, in some instances cutting entirely across the Wicomico terrace to the Sunderland terrace, thus breaking the continuity of the former. The Chowan terrace, like the Wicomico terrace, becomes more pronounced southward until it covers the larger part of New Hanover and Brunswick counties and the adjacent portions of Columbus, Bladen, and Pender counties. Farther to the northward it is found extensively developed in Onslow, Jones, and Pamlico counties and in adjacent portions of Carteret and Craven counties. Still farther northward it appears in Beaufort, Pitt, and Martin counties, and extending up the Tar River valley into Edgecombe County. It is also found extending from Martin and Bertie counties on either side of the Roanoke River valley