U.S. DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE

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country : USA
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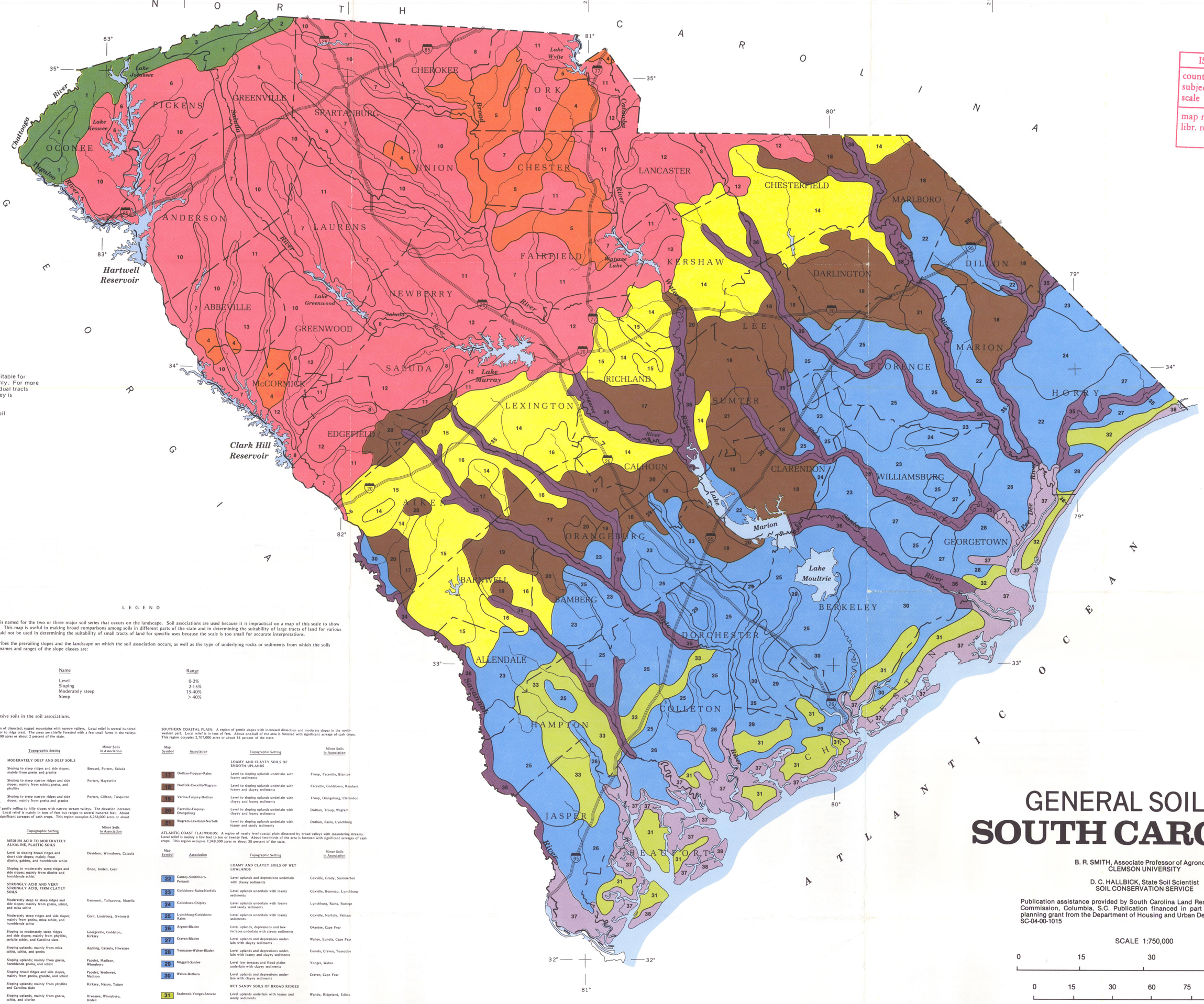

Note: This General Soil map is suitable for broad planning purposes only. For more detailed planning on individual tracts of land, a detailed soil survey is needed.

Source: Original draft by State Soil Survey Staff.

GENERAL SOIL MAP
SOUTH CAROLINA

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SOIL CONSERVATION SERVICE

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SCALE 1:750,000

0 15 30 45 60 Miles

0 15 30 60 75 90 105 Kilometers

Base compiled from South Carolina State Base Map (Lambert Conformal Projection) and grid ticks from South Carolina State Plane Coordinate System North and South Zone by Soil Conservation Service, U.S. Department of Agriculture.

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SOIL CONSERVATION SERVICE

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Soil Map 48

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LEGEND

Each of the soil associations is named for the two or three major soil series that occurs on the landscape. Soil associations are used because it is impractical on a map of this scale to show areas of individual soil series. This map is useful in making broad comparisons among soils in different parts of the state and in determining the suitability of large tracts of land for various uses. However, the map should not be used in determining the suitability of small tracts of land for specific uses because the scale is too small for accurate interpretations.

The topographic setting describes the prevailing slopes and the landscape on which the soil association occurs, as well as the type of underlying rocks or sediments from which the soils presumably developed. The names and ranges of the slope classes are:

Name	Range
Level	0-2%
Sloping	2-15%
Moderately steep	15-40%
Steep	> 40%

The minor soils are less extensive soils in the soil associations.

BLUE RIDGE MOUNTAINS: A region of dissected, rugged mountains with narrow valleys. Local relief is several hundred to a few thousand feet from valley floor to ridge crest. The areas are chiefly forested with a few small farms in the valleys and coves. This region occupies 387,000 acres or about 2 percent of the state.

Map Symbol	Association	Topographic Setting	Minor Soils in Association
		MODERATELY DEEP AND DEEP SOILS	
1	Evard-Edneyville	Sloping to steep ridges and side slopes; mainly from gneiss and granite	Brevard, Porters, Saluda
2	Fannin-Talladega	Sloping to steep narrow ridges and side slopes; mainly from schist; gneiss, and phyllite	Porters, Hayesville
3	Ashe-Saluda-Edneyville	Sloping to steep narrow ridges and side slopes; mainly from gneiss and granite	Porters, Clifton, Tusquitee

SOUTHERN PIEDMONT: A region of gently rolling to hilly slopes with narrow stream valleys. The elevation increases gradually from southeast to northwest. Local relief is mainly in tens of feet but ranges to several hundred feet. About two-thirds of the area is forested with significant acreages of cash crops. This region occupies 6,768,000 acres or about 33 percent of the state.

Map Symbol	Association	Topographic Setting	Minor Soils in Association
		MEDIUM ACID TO MODERATELY ALKALINE, PLASTIC SOILS	
4	Iredell-Mecklenburg	Level to sloping broad ridges and short side slopes; mainly from diorite, gabbro, and hornblende schist	Davidson, Winnsboro, Cataula
5	Wilkes-Winnsboro-Mecklenburg	Sloping to moderately steep ridges and side slopes; mainly from diorite and hornblende schist	Enon, Iredell, Cecil
		STRONGLY ACID AND VERY STRONGLY ACID, FIRM CLAYEY SOILS	
6	Pacolet-Grover	Moderately steep to steep ridges and side slopes; mainly from gneiss, schist, and mica schist	Gwinnett, Tallapoosa, Musella
7	Pacolet-Madison-Wilkes	Moderately steep ridges and side slopes; mainly from gneiss, mica schist, and hornblende schist	Cecil, Louisburg, Gwinnett
8	Tatum-Nason	Sloping to moderately steep ridges and side slopes; mainly from phyllite, sericite schist, and Carolina slate	Georgeville, Goldston, Kirksey
9	Madison-Cecil	Sloping uplands; mainly from mica schist, schist, and gneiss	Appling, Cataula, Hiwassee
10	Cecil-Hiwassee-Cataula	Sloping uplands; mainly from gneiss, hornblende gneiss, and schist	Pacolet, Madison, Winnsboro
11	Cecil-Appling-Cataula	Sloping broad ridges and side slopes, mainly from gneiss, granite, and schist	Pacolet, Wedowee, Madison
12	Georgeville-Herndon	Sloping uplands; mainly from phyllite and Carolina slate	Kirksey, Nason, Tatum
13	Cecil-Mecklenburg-Cataula	Sloping uplands, mainly from gneiss, schist, and diorite	Hiwassee, Winnsboro, Iredell

CAROLINA AND GEORGIA SANDHILLS: A region of gently sloping to strongly sloping uplands. Local relief is in tens of feet. About two-thirds of the area is forested with significant acreages of cash crops. This region occupies 2,127,000 acres or about 11 percent of the state.

Map Symbol	Association	Topographic Setting	Minor Soils in Association
		SANDY SOILS OF DISSECTED UPLANDS	
14	Lakeland-Fuquay-Troup	Sloping uplands underlain with sandy and loamy sediments	Ailey, Vaucluse, Dothan
15	Troup-Wagram-Vaucluse	Sloping uplands underlain with loamy sediments	Lakeland, Blanton, Ailey
16	Fuquay-Dothan-Blanton	Sloping uplands underlain with loamy sediments	Troup, Lucy, Lakeland

SOUTHERN COASTAL PLAIN: A region of gentle slopes with increased dissection and moderate slopes in the northwestern part. Local relief is in tens of feet. About one-half of the area is forested with significant acreage of cash crops. This region occupies 2,707,000 acres or about 14 percent of the state.

Map Symbol	Association	Topographic Setting	Minor Soils in Association
		LOAMY AND CLAYEY SOILS OF SMOOTH UPLANDS	
17	Dothan-Fuquay-Rains	Level to sloping uplands underlain with loamy sediments	Troup, Faceville, Blanton
18	Norfolk-Coxville-Wagram	Level to sloping uplands underlain with loamy and clayey sediments	Faceville, Goldsboro, Rembert
19	Varina-Fuquay-Dothan	Level to sloping uplands underlain with clayey and loamy sediments	Troup, Orangeburg, Clarendon
20	Faceville-Fuquay-Orangeburg	Level to sloping uplands underlain with clayey and loamy sediments	Dothan, Troup, Wagram
21	Wagram-Lakeland-Norfolk	Level to sloping uplands underlain with loamy and sandy sediments	Dothan, Rains, Lynchburg

ATLANTIC COAST FLATWOODS: A region of nearly level coastal plain dissected by broad valleys with meandering streams. Local relief is mainly a few feet to ten or twenty feet. About two-thirds of the area is forested with significant acreages of cash crops. This region occupies 7,349,000 acres or about 38 percent of the state.

Map Symbol	Association	Topographic Setting	Minor Soils in Association
		LOAMY AND CLAYEY SOILS OF WET LOWLANDS	
22	Cantey-Smithboro-Persanti	Level uplands and depressions underlain with clayey sediments	Coxville, Grady, Summerton
23	Goldsboro-Rains-Norfolk	Level uplands underlain with loamy sediments	Coxville, Bonneau, Lynchburg
24	Goldsboro-Chipley	Level uplands underlain with loamy and sandy sediments	Lynchburg, Rains, Rutlege
25	Lynchburg-Goldsboro-Rains	Level uplands underlain with loamy sediments	Coxville, Norfolk, Pelham
26	Argent-Bladen	Level uplands, depressions and low terraces underlain with clayey sediments	Okeetee, Cape Fear
27	Craven-Bladen	Level uplands and depressions underlain with clayey sediments	Wahee, Eunola, Cape Fear
28	Yemassee-Wahee-Bladen	Level uplands and depressions underlain with loamy and clayey sediments	Eunola, Craven, Tomotley
29	Meggett-Santee	Level low terraces and flood plains underlain with clayey sediments	Yonges, Wahee
30	Wahee-Bethera	Level uplands and depressions underlain with clayey sediments	Craven, Cape Fear
		WET SANDY SOILS OF BROAD RIDGES	
31	Seabrook-Yonges-Seewee	Level uplands underlain with loamy and sandy sediments	Wando, Ridgeland, Edisto
32	Lynn Haven-Leon-Rutlege	Level uplands and depressions underlain with sandy sediments	Chipley, Plummer
33	Chipley-Cainhoy-Ocilla	Level uplands underlain with sandy and loamy sediments	Echaw, Scranton, Pelham
		SOILS OF FLOOD PLAINS ON THE COASTAL PLAIN	
34	Wehadkee-Chewacla	Level flood plains underlain with loamy sediments	Congaree, Pantego, Johnston
35	Johnston-Rutlege	Level flood plains and depressions underlain with loamy sediments	Plummer, Paxville
36	Tawcaw-Chastain	Level flood plains underlain with clayey sediments	Johnston, Cantey, Coxville
		SOILS OF MARSHES AND DUNES OF COASTAL AREAS	
37	Capers-Bohicket	Level tidal marshes underlain with clayey sediments	Handsboro, Fripp, Baratari
38	Fripp-Beach	Level to sloping dunes and beaches underlain with sandy sediments	Baratari, Ridgeland, Rosadhu

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