

Major Land Resource Area 153A

Atlantic Coast Flatwoods

Accessed: 06/17/2026

Ecological site keys

MLRA 153A, Atlantic Coast Flatwoods

Landscape : Marine Terrace Uplands - Positioned on a marine terrace or associated landforms. These sites include upper fluvio-marine terraces that are above the current dominant flooding regime.

Landform : Upland flats and landforms with local topographic relief: knolls, ridges, crests, interstream divides, shoulders, slopes, depressions, and Bay rims

Soil Order: Predominantly psamments (sands)

Drainage : Dry sands, excessively drained to well drained, typic quartzipsamments. ... F153AY010NC – Dry Sands

Drainage : Moist sands on moderately well drained to somewhat poorly drained soils. ... F153AY020NC – Moist Sands

Soil Order: Predominantly Ultisols, but includes some alfisols, inceptisols, and mollisols.

Drainage : Dry, somewhat excessively drained to well drained.

Texture : Soil Texture Particle Size loamy. Includes fine-silty, fine-loamy, loamy, and coarse-loamy taxonomic textural families. ... F153AY030NC – Dry Loamy Rises and Flats

Texture : Soil Texture Particle Size clay. Includes the fine taxonomic textural family ... F153AY035NC – Dry Clay Rises and Flats

Landform : Flats and Depressions: Areas characterized by a continuous surface that is smooth, even, or horizontal, or nearly so, including isolated depressions within the flat landscape matrix

Soil Order: Predominantly Ultisols, but includes some alfisols, inceptisols, and mollisols.

Drainage : Moist, moderately well drained to somewhat poorly drained.

Texture : Soil Texture Particle Size loamy. Includes fine-silty, fine-loamy, loamy, and coarse-loamy taxonomic textural families.

Latitude : PES Corresponds to R153AY001GA but mostly at a latitude North of the Santee River. ...

F153AY040NC – Moist Loamy Rises and Flats

Latitude : South of the Santee River ... R153AY001GA – Loamy Rise, Moderately Wet

Texture : Soil Texture Particle Size clay. Includes the fine taxonomic textural family ... F153AY045NC – Moist Clay Rises and Flats

Drainage : Wet, poorly drained and very poorly drained. Some ponding.

Texture : Soil Texture Particle Size loamy. Includes fine-silty, fine-loamy, loamy, and coarse-loamy taxonomic textural families. ... F153AY060NC – Wet Loamy Flats and Depressions

Texture : Soil Texture Particle Size clay. Includes the fine taxonomic textural family ... F153AY065NC – Wet Clay Flats and Depressions

Soil Order: Spodosols

Drainage : Moist, somewhat poorly drained. ... F153AY050NC – Moist Spodosol Rises and Flats

Drainage : Wet, poorly drained and very poorly drained. Some ponding. ... F153AY070NC – Wet Spodosol Flats and Depressions

Soil Order: Histosols ... F153AY080NC – Wet Organic Soil Flats and Depressions

Landscape : Riparian Zone - Positioned on a riparian landscape, including fluvial terraces and flood plains, connected directly to surface water and flooding.

Soil Order: Flooded, mineral soils include alfisols, entisols, inceptisols, and mollisols ... F153AY090NC – Flooded Mineral Soil Flood Plains and Terraces

Soil Order: Flooded Histosols ... F153AY100NC – Flooded Organic Soil Flood Plains and Terraces