UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BUTLERS BAY QUADRANGLE
SOUTH CAROLINA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 MANNING 15' QUADRANGLE

4951 II NW (MANNING)
5051 III NW (WORKMAN)
4951 II SW (JORDAN)
5051 III SW (GREELEYVILLE)
(READYTOWN) 4950 I NW
(PINEVILLE) 4950 I NE
(ST STEPHEN) 5050 IV NW

80°07'30" 582000m E. 583 584 5' 586 4951 II NE (FORESTON) 2'30" 590 591 2 300 000 FEET 80°00'
33°37'30" 3720 000m N. 3720 650 000 FEET 33°37'30"
3719 3718 3717 35' 3716 3715 3713 3712 32'30" 3711 3710 3709 3708 610 000 FEET 3707 33°30'
582 2 270 000 FEET 583 584 585 5' 586 588 2'30" 590 591 592000m E. 80°00' 33°30'

MANNING 10 MI
FORESTON 0.8 MI.
GREELEYVILLE 0.4 MI.
ANDREWS 30 MI.

Buck Bay
Island Bay
Tiger Bay
Hagan Br
Mt Hope Swamp
Swamp
Sandhill Bay
Hog Meadow Swamp
Doctor Branch
Mill Branch
Butlers Bay
Torkiln Br
Long Branch
Mt Hope Swamp
Little Lake
Broad Lake
Franks Lake
SANTEE RIVER
WILLIAMSBURG CO
BERKELEY CO
CLARENDON CO
WILLIAMSBURG CO
SEABOARD COAST LINE RAILROAD
COUNTY DITCH
Line
GRADE
RAILROAD
OLD SANTEE ROAD
RACCOON RD
SANTEE RIVER ROAD
Cem
Long Branch Ch
St Lukes Ch
Pine Grove Ch
Keels Cem
St Johns Ch
BM 95
BM 90
BM 89
BM 83
BM 81
BM 80
BM 77
BM 75
BM 73
BR 90
BR 88
521

Mapped, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA, and South Carolina Geodetic Survey

Topography by photogrammetric methods from aerial photographs taken 1972. Field checked 1973. Map edited 1979

Projection and 10,000-foot grid ticks: South Carolina coordinate system, south zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 17
1927 North American Datum
The difference between 1927 North American Datum and North American Datum of 1983 (NAD 83) for 7.5-minute intersections is given in USGS Bulletin 1875. The NAD 83 is shown by dashed corner ticks

Short dashed blue lines indicate elliptical bay outlines visible on aerial photographs

MN GN
3½° 62 MILS
0°31' 9 MILS
UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Map photoinspected 1987
No major culture or drainage changes observed

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

S.C.
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route U. S. Route State Route

USGS NMD HISTORICAL MAP ARCHIVES
DEC 18 1991
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BUTLERS BAY, S. C.
SE/4 MANNING 15' QUADRANGLE
33080-E1-TF-024

1979
PHOTOINSPECTED 1987
DMA 4951 II SE—SERIES V846

● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1991