U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
FEDERAL EMERGENCY MANAGEMENT AGENCY

OPEN-FILE REPORT 90-386
PLATE 16 OF 31

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MC CLELLANVILLE QUADRANGLE
SOUTH CAROLINA—CHARLESTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

EXPLANATION

18 LINE OF EQUAL ELEVATION OF WATER SURFACE--Shows elevation of water surface of storm tide in feet above NGVD of 1929. Interval is one foot. Dashed where approximately located.

APPROXIMATE LANDWARD EXTENT OF STORM TIDE INUNDATION.

HIGH-WATER MARKS

- Outside high-water mark.
- Inside high-water mark.

5 15.8/12.8 — High-water mark number, elevation of high-water(numerator), and elevation of land surface(denominator), in feet above NGVD of 1929. "e" indicates estimated value.

1 13.4/9.3
2 16.1/9.3
3 15.5/9.8
4 15.2/10.7
5 14.8/12.8
6 15.3/10.4
7 16.4/6.8
8 13.4/5.4

NATIONAL FOREST

CAPE ROMAIN NATIONAL WILDLIFE REFUGE

ATLANTIC OCEAN

Mapped by the Army Map Service
Published for civil use by the Geological Survey

Control by USC&GS

Topography by photogrammetric methods from aerial photographs taken 1942 and planetable surveys 1942

Polyconic projection. 1927 North American datum
10,000-foot grid based on South Carolina coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1973. This information not field checked

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 5 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

ROAD CLASSIFICATION

Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U. S. Route — State Route

QUADRANGLE LOCATION

MC CLELLANVILLE, S. C.
N3300—W7922.5/7.5

1942
PHOTOREVISED 1973
AMS 5150 III SW - SERIES V846

MAP SHOWING WATER-SURFACE ELEVATION, HIGH WATER MARKS, AND LANDWARD EXTENT OF STORM-TIDE INUNDATION CAUSED BY HURRICANE HUGO, SEPTEMBER 21-22, 1989: MCCLELLANVILLE QUADRANGLE