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 26 OF 31

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JOHNS ISLAND QUADRANGLE
SOUTH CAROLINA—CHARLESTON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

EXPLANATION

— — — APPROXIMATE LANDWARD EXTENT OF STORM TIDE INUNDATION.

HIGH-WATER MARKS

• Outside high-water mark.

$1\ \frac{7.1}{7.0}$ 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.

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, USCE, and South Carolina Geodetic Survey

Culture and drainage in part compiled from aerial photographs taken 1957. Topography by planetable surveys 1958

Hydrography compiled from USC&GS charts 792 (1957) and 1239 (1958)

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

To place on the predicted North American Datum 1983 move the projection lines 15 meters south and 19 meters west as shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Boundary lines shown in purple compiled from latest information available from the controlling authority

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 5.2 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

QUADRANGLE LOCATION

Revisions shown in purple compiled from aerial photographs taken 1977 and other source data. This information not field checked. Map edited 1979

Purple tint indicates extension of urban areas

ROAD CLASSIFICATION

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

JOHNS ISLAND, S. C.

N3245—W8000/7.5

1958
PHOTOREVISED 1979
AMS 4949 I SE—SERIES V846

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979

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