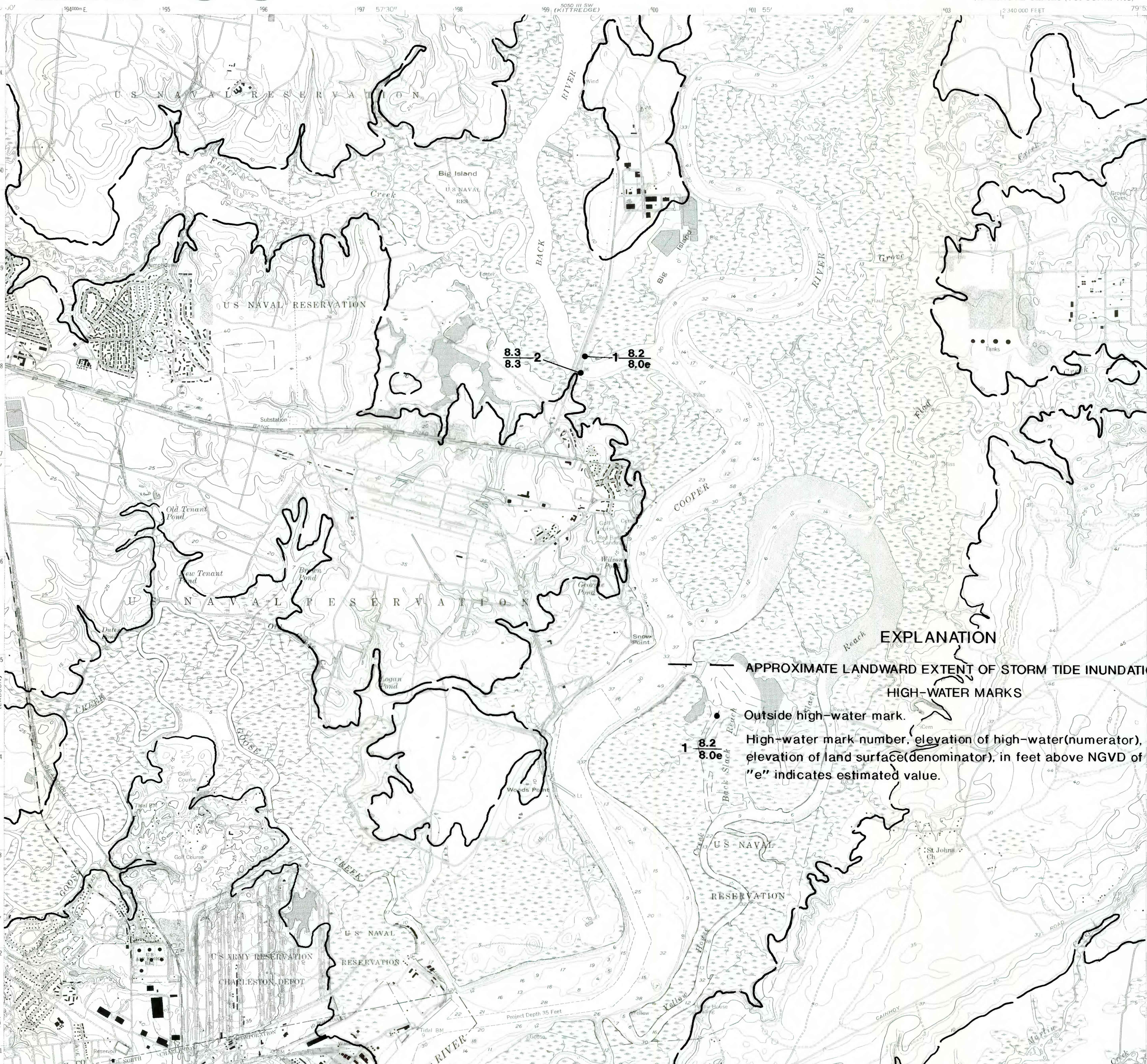
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
FEDERAL EMERGENCY MANAGEMENT AGENCY

OPEN-FILE REPORT 90-386
PLATE 22 OF 31

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTH CHARLESTON QUADRANGLE
SOUTH CAROLINA
7.5 MINUTE SERIES (TOPOGRAPHIC)



(MOUNT HOLLY) 4950 II SE
5050 III SE (HUGER)
(JOHNS ISLAND) 4949 I SE
(FORT MOULTRIE) 5049 IV SE

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, 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 470 (1957) and 680 (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
There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
MN GN 3½° 62 MILS 0°35′ 10 MILS

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked
Red tint indicates areas in which only landmark buildings are shown

SCALE 1:24 000
1 MILE
7000 FEET
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 AVERAGE RANGE OF TIDE IS APPROXIMATELY 3.2 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
Boundary lines shown in purple compiled from latest information available from the controlling authority

ROAD CLASSIFICATION
Medium-duty Light-duty
Unimproved dirt

NORTH CHARLESTON, S. C.
N3252.5—W7952.5/7.5
1958
PHOTOREVISED 1979
AMS 5049 IV NW—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: NORTH CHARLESTON, S.C. QUADRANGLE