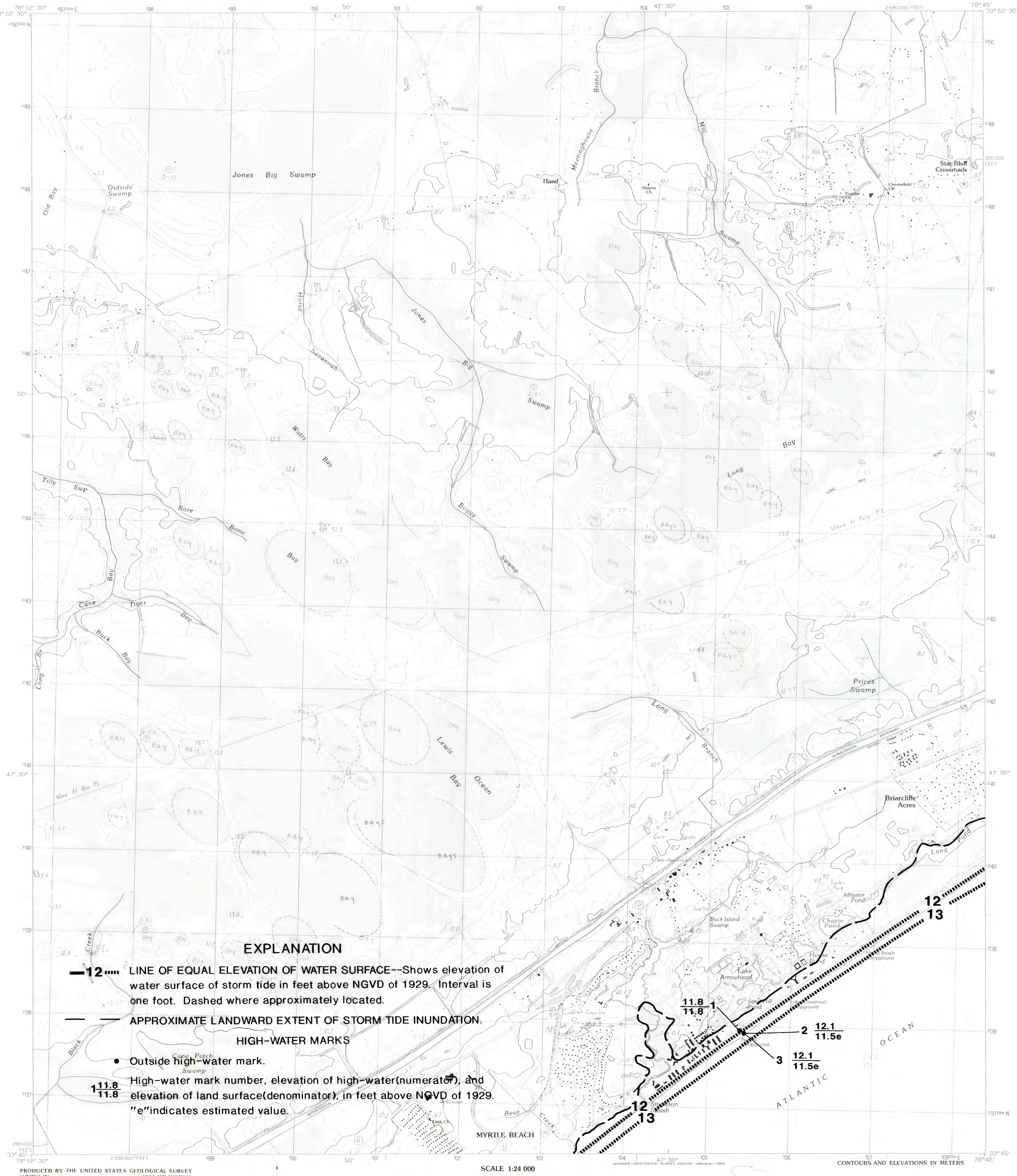
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
FEDERAL EMERGENCY MANAGEMENT AGENCY

OPEN-FILE REPORT 90-386
PLATE 3 OF 31

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HAND QUADRANGLE
SOUTH CAROLINA–HORRY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



EXPLANATION

12 — 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.

1 11.8/11.8 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.

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1977
FIELD CHECKED ..... 1978 MAP EDITED 1984
PROJECTION ..... LAMBERT CONFORMAL CONIC
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 17
10,000-FOOT STATE GRID TICKS ..... SOUTH CAROLINA, NORTH ZONE
UTM GRID DECLINATION ..... 1°13' EAST
1984 MAGNETIC NORTH DECLINATION ..... 6° WEST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (15 meters south and 23 meters west)

There may be private inholdings within the boundaries of any National or State reservations shown on this map

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

Revised from aerial photographs taken 1983

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check
2

SCALE 1:24 000

1 5 0 KILOMETERS 1 2
1000 0 METERS 1000 2000
1 .5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
FEET

CONTOUR INTERVAL 2 METERS
SUPPLEMENTARY CONTOUR INTERVAL 1 METER
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL AND OTHER ELEVATIONS SHOWN TO THE NEAREST 0.1 METER

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984

S. C.
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Shell
2 Hammond
3 Longs
4 Nixonville
5 Wampee
6 Myrtle Beach
7 Ocean Forest
8

ADJOINING 7.5' QUADRANGLE NAMES

CONTOURS AND ELEVATIONS IN METERS

ROAD LEGEND

Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U. S. Route State Route

HAND, S. C.
PROVISIONAL EDITION 1984
33078-G7-TM-024

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