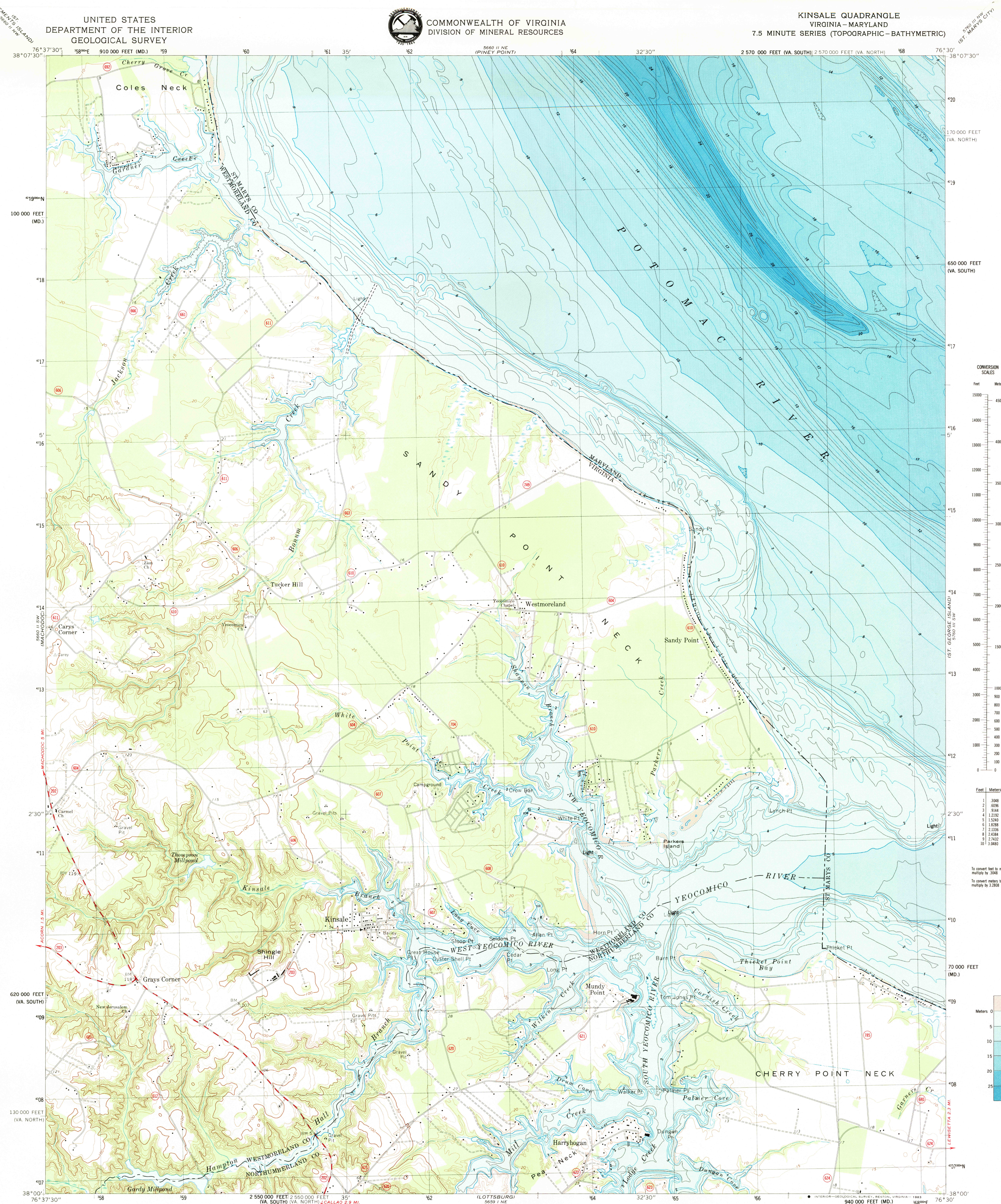
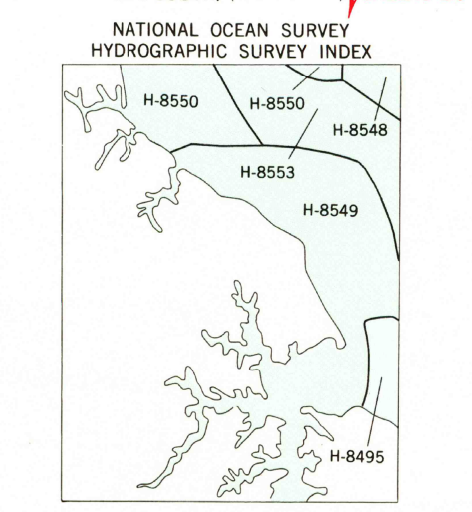




Maped, edited, and published by the Geological Survey and the National Ocean Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968
Bathymetry compiled by the National Ocean Survey from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes
Mean low water (dotted) line and mean high water (heavy solid) line compiled by NOS from tide-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line
Polyconic projection. 10,000-foot grid ticks based on Virginia coordinate system, north and south zones, and Maryland coordinate system 1000-meter Universal Transverse Mercator grid, zone 18
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 9 meters south and 28 meters west as shown by dashed corner ticks
Map photinspected 1982
No major culture or drainage changes observed



HYDROGRAPHIC SURVEY INFORMATION			
Survey Number	Survey Date	Survey Scale	Survey Line Spacing (Naut. Miles)
H-8495	1959	1:10,000	01-06
H-8548	1960	1:10,000	02-07
H-8549	1960	1:10,000	01-05
H-8550	1960	1:10,000	01-08
H-8553	1960	1:20,000	03-20

SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
DASHED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 1 METER WITH SUPPLEMENTARY 0.5 METER CONTOURS—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.3 METER
BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AT THE DATE OF THE SURVEY
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092,
NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852,
AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Secondary highway, all weather, Light-duty road, all weather, hard surface
Unimproved road, fair or dry weather
State Route

KINSALE, VA.—MD.
38076-A5-TB-024
1968
BATHYMETRY ADDED 1982
PHOTOINSPECTED 1982
DMA 5660 II SE—SERIES V834

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

CONVERSION SCALES

Feet Meters
1500 4500
1400 4200
1300 3900
1200 3600
1100 3300
1000 3000
900 2700
800 2400
700 2100
600 1800
500 1500
400 1200
300 900
200 600
100 300
0 0

Feet Meters
1 3048
2 6096
3 9144
4 12192
5 15240
6 18288
7 21336
8 24384
9 27432
10 30480

To convert feet to meters multiply by 3.048
To convert meters to feet multiply by 3.2808

Exposed at low tide
DEPTH GRADIENT
0 0 Feet
5 16.4
10 32.8
15 49.2
20 65.6
25 82.0
Maximum depth

RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES
AUG 2 1983