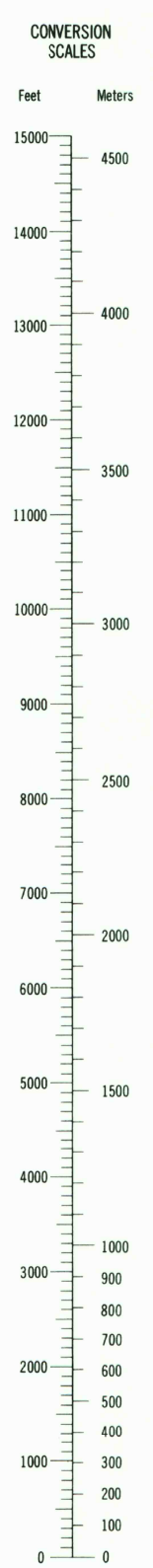
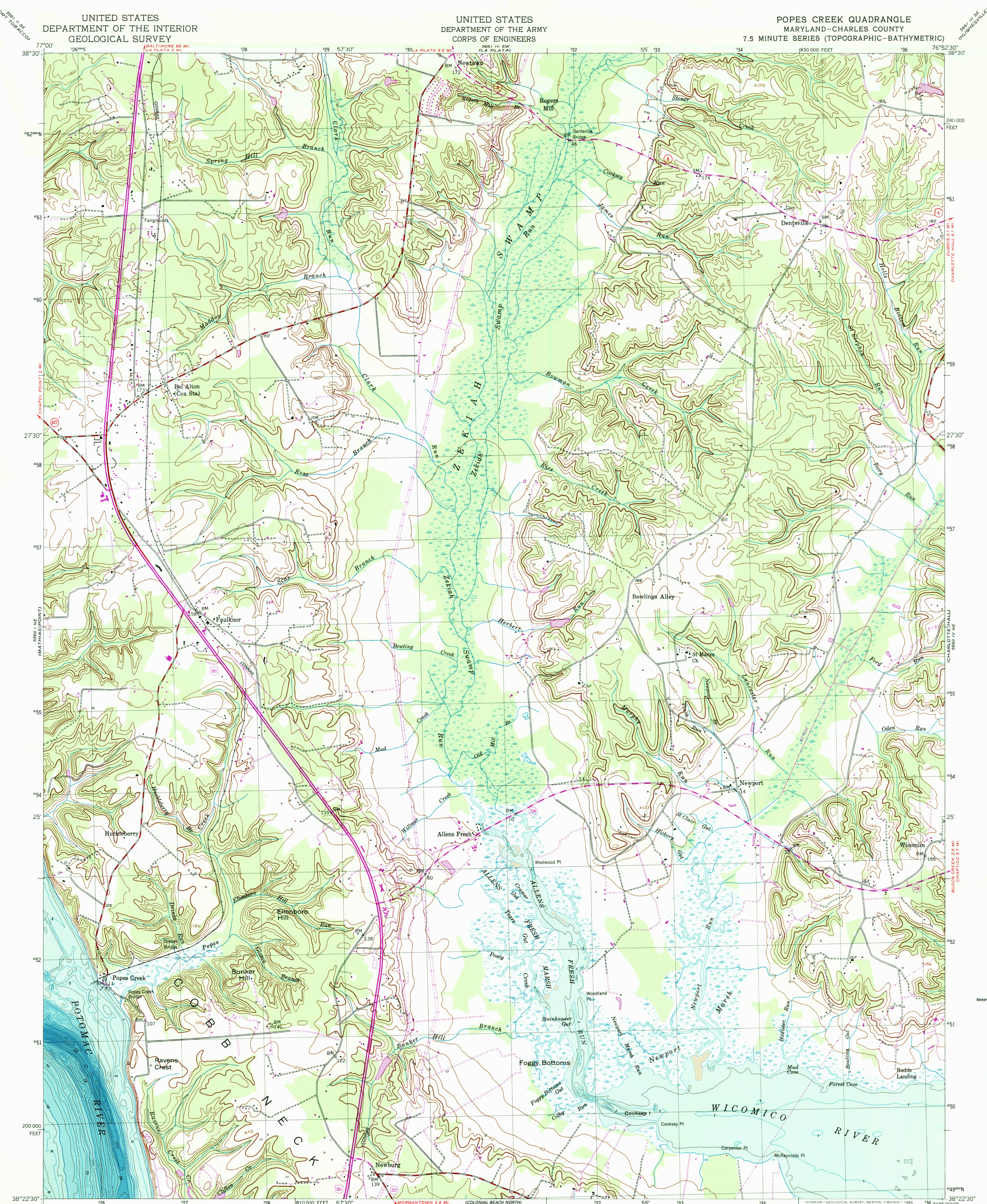


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

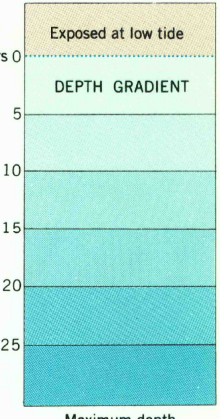
UNITED STATES  
DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS

POPES CREEK QUADRANGLE  
MARYLAND-CHARLES COUNTY  
7.5 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC)



Feet	Meters
1	0.3048
2	0.6096
3	0.9144
4	1.2192
5	1.5240
6	1.8288
7	2.1336
8	2.4384
9	2.7432
10	3.0480

To convert feet to meters  
multiply by 0.3048  
To convert meters to feet  
multiply by 3.2808



Maped by the Corps of Engineers, U. S. Army  
Edited and published by the Geological Survey  
and the National Ocean Survey  
Control by USGS and NOS/NOAA  
Culture and drainage in part compiled from aerial  
photographs. Topography by plane-table surveys 1943  
Culture revised by the Geological Survey 1953  
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  
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 27 meters  
west as shown by dashed corner ticks  
Revisions shown in purple compiled by the Geological  
Survey from aerial photographs taken 1974 and other  
sources. This information not field checked  
Map edited 1974

HYDROGRAPHIC SURVEY INFORMATION			
Survey Number	Survey Date	Survey Scale	Survey Line spacing (Naut. Miles)
H-8703	1961-62	1:10,000	01-05
H-8704	1962	1:10,000	01-05

SCALE 1:24,000  
CONTOUR INTERVAL 20 FEET  
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 0.5 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  
AND THE NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Heavy-duty 4 LANE 16 LANE Light-duty  
Medium-duty 4 LANE 16 LANE Unimproved dirt  
U.S. Route State Route  
POPES CREEK, MD.  
38076-D8-TB-024  
1953  
PHOTOREVISED 1974  
BATHYMETRY ADDED 1982  
DMA 5660 IV NW-SERIES 1983  
UTM GRID AND 1974 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

