PLAN HOLD

PEEL PROTECTIVE STRIP TO EXPOSE ADHESIVE. POSITION EDGE OF PRINT ON THIS LINE AND RUB TO ADHERE.

DRAWING NUMBER
CZM 9B
Popes Creek

PLAN HOLD CORPORATION IRVINE CALIFORNIA
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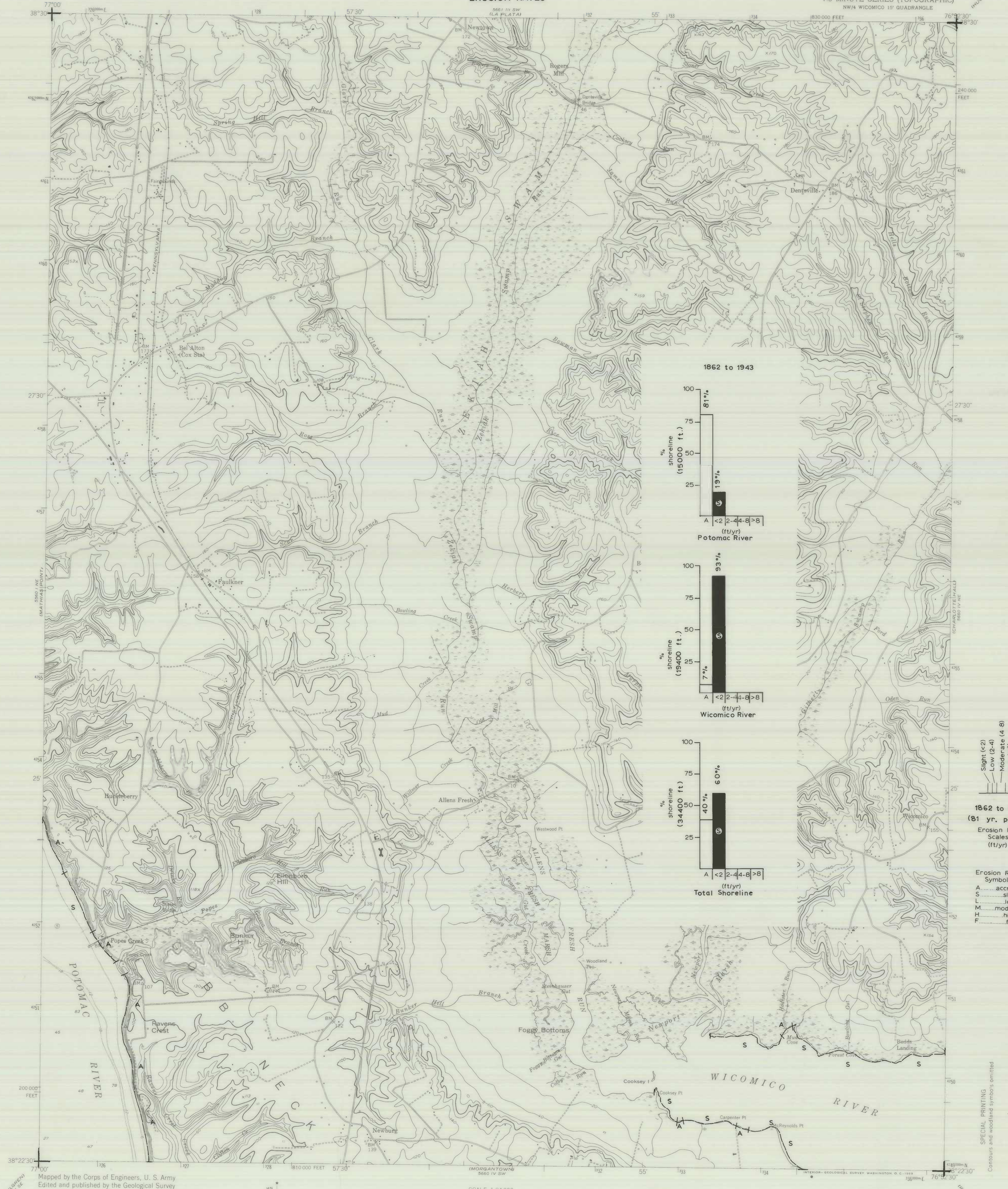
CZM MAP 9B

HISTORICAL SHORELINES AND EROSION RATES

POPES CREEK QUADRANGLE
MARYLAND—CHARLES CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 WICOMICO 15' QUADRANGLE



Mapped by the Corps of Engineers, U. S. Army
Edited and published by the Geological Survey

Control by USGS and USC&GS

Culture and drainage in part compiled from aerial photographs
Topography by plane-table surveys 1943
Culture revised by the Geological Survey 1953
Hydrography from USC&GS Chart 559 dated 1950

Map prepared by Maryland Geological Survey with funds from National Oceanographic Atmospheric Administration (NOAA) made available through Department of Natural Resources Coastal Zone Management Program

Compiled by Robert D. Conkwright, 1975
Basic data from M.G.S. Bulletin 6

UTM GRID AND 1953 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS 1.2 FEET

Erosion Rate Graphs

Histograms indicate prevalent erosion rate categories for different shoreline areas.

1862 SHORELINE - - - - - -
BASE MAP SHORELINE 1943

MARYLAND
QUADRANGLE LOCATION

Erosion Rates

Exact erosion rates can be calculated by dividing the distance between shorelines by the difference in their dates. Erosion rate categories can be estimated by using the Erosion Rate Scale in the right-hand margin. Place the left-hand line of the scale against the earliest shoreline and read the name of the erosion rate category.

POPES CREEK, MD.
NW/4 WICOMICO 15' QUADRANGLE
N3822.5—W7652.5/7.5

1953

AMS 5660 IV NW—SERIES V833