PLAN HOLD

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

DRAWING NUMBER
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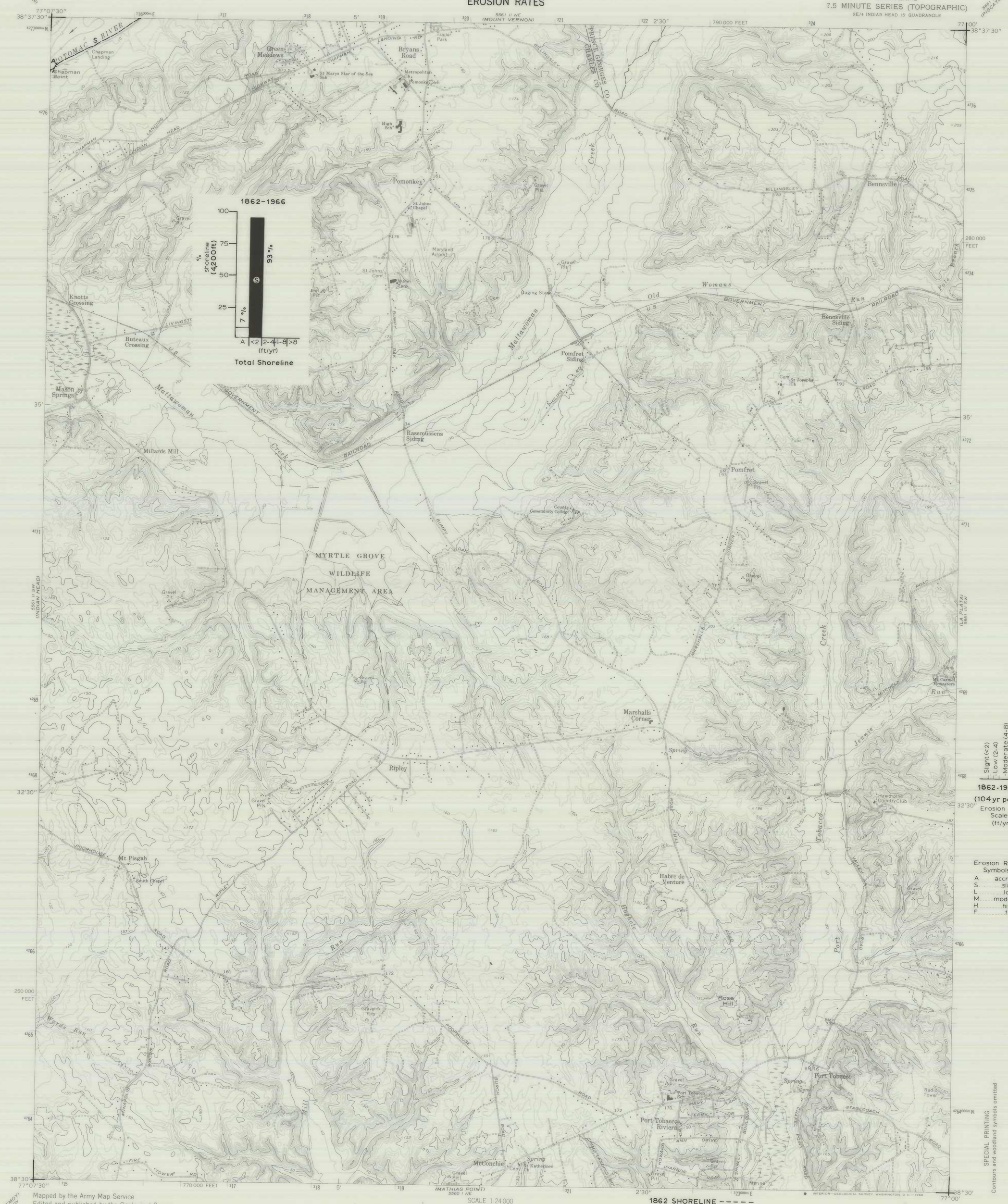
HISTORICAL SHORELINES AND EROSION RATES

PORT TOBACCO QUADRANGLE
MARYLAND
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 INDIAN HEAD 15' QUADRANGLE



Mapped by the Army Map Service
Edited and published by the Geological Survey

Control by USGS, USC&GS, and USCE

Topography by photogrammetric methods from aerial photographs taken 1955. Field checked 1956.
Revised by Geological Survey 1966

Selected hydrographic data compiled from USC&GS Chart 560 (1965). This information is not intended for navigational purposes

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 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 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 APPROXIMATELY 2 FEET

Erosion Rate Graphs

Histograms indicate prevalent erosion rate categories for different shoreline areas.

1862 SHORELINE - - - - -
BASE MAP SHORELINE 1966

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.

PORT TOBACCO, MD.
SE/4 INDIAN HEAD 15' QUADRANGLE
N3830—W7700/7.5

1966

AMS 5561 II SE—SERIES V833

SPECIAL PRINTING
Contours and woodland symbols omitted

186
Port 1866