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

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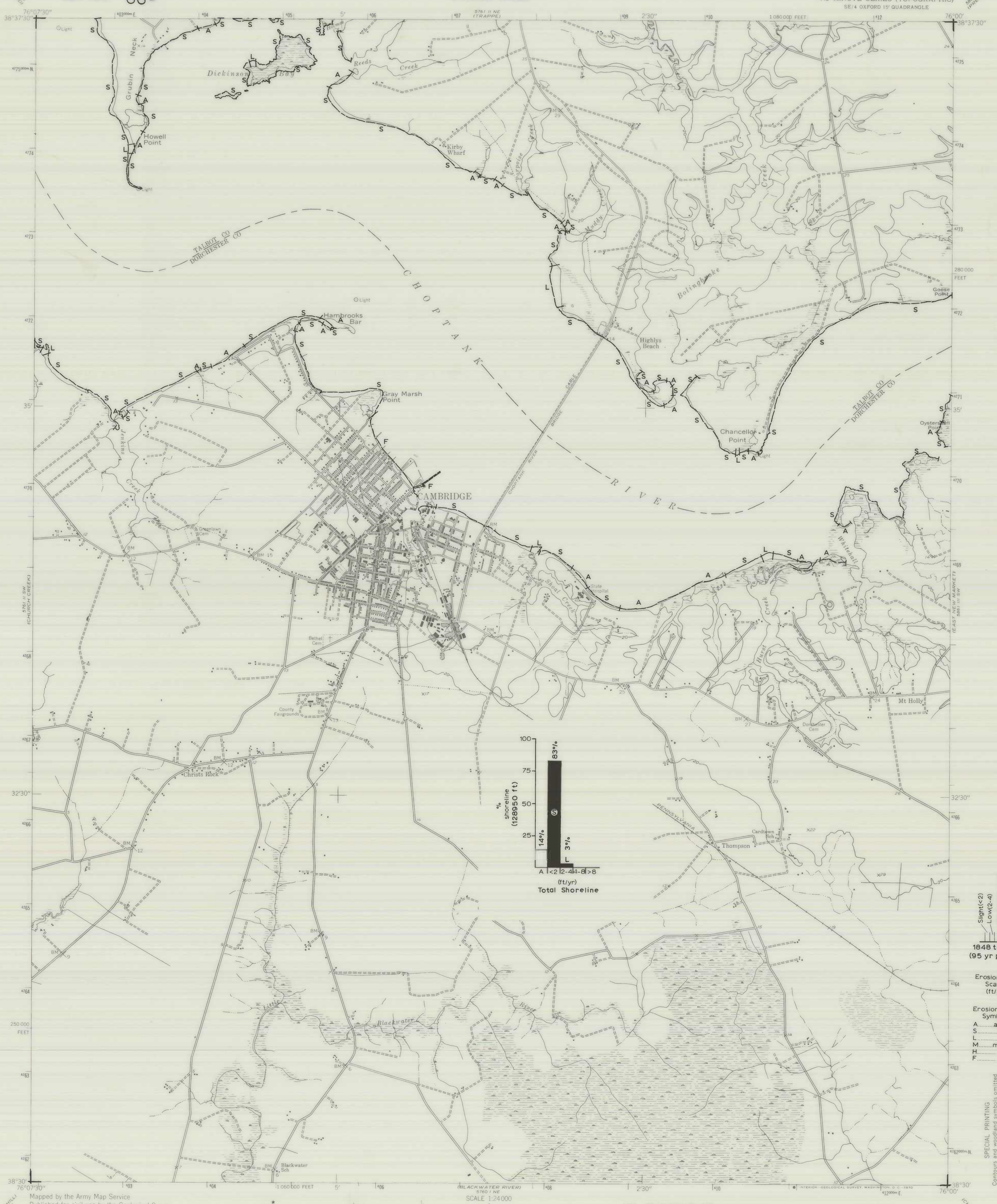
HISTORICAL SHORELINES AND EROSION RATES

CZM MAP 66B

CAMBRIDGE QUADRANGLE
MARYLAND
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 OXFORD 15' QUADRANGLE



Mapped by the Army Map Service
Published for civil use by the Geological Survey

Control by USC&GS

Topography from aerial photographs by photogrammetric methods and by planetable surveys 1943. Aerial photographs taken 1938

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 1943 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER. THE MEAN RANGE OF TIDE IS APPROXIMATELY 1 FOOT

Erosion Rate Graphs

Histograms indicate prevalent erosion rate categories for different shoreline areas.

1848 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.

CAMBRIDGE, MD.
SE/4 OXFORD 15' QUADRANGLE
N3830—W7600/7.5

1943

AMS 5761 II SE—SERIES V833