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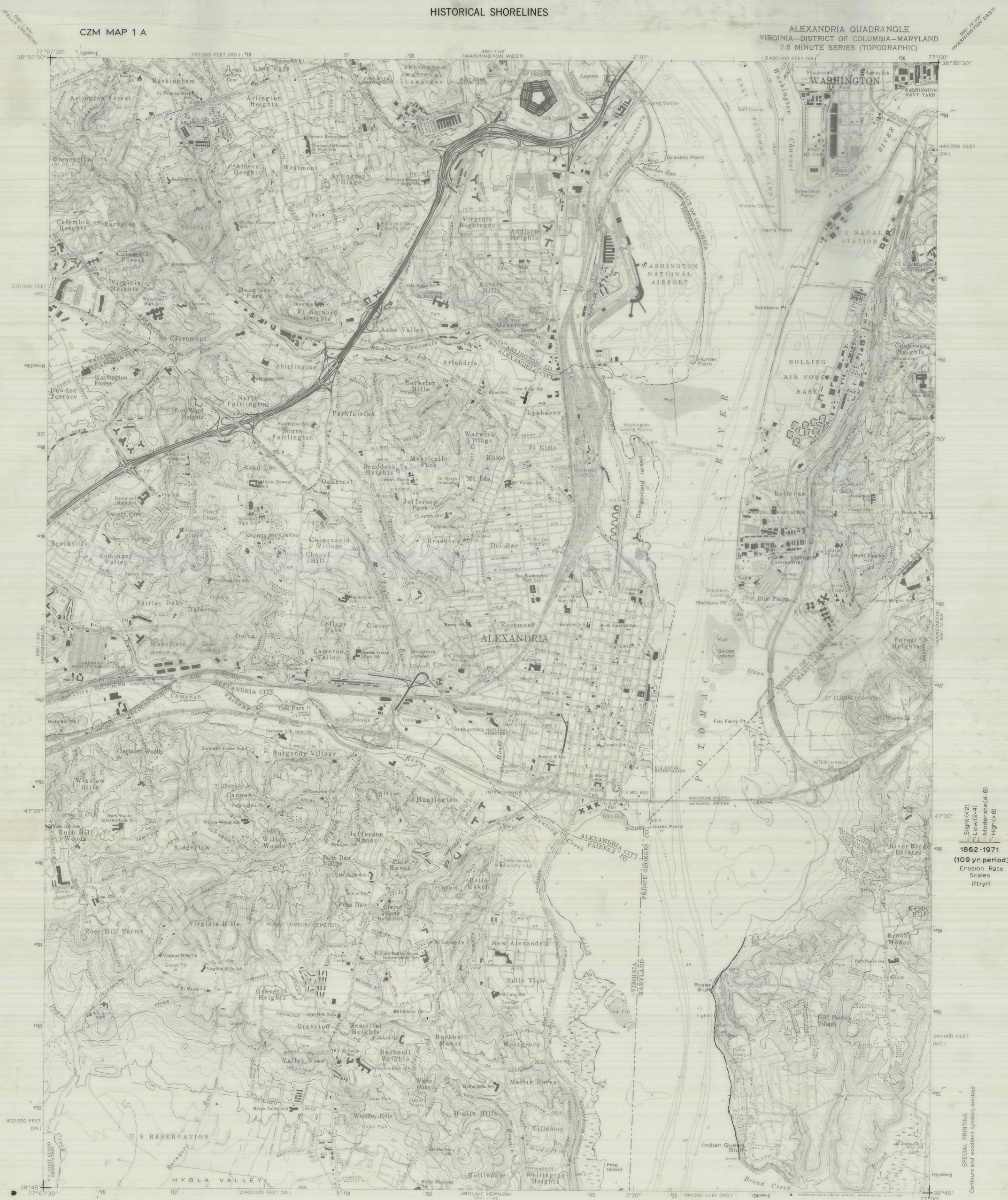
HISTORICAL SHORELINES

CZM MAP 1 A

ALEXANDRIA QUADRANGLE
VIRGINIA—DISTRICT OF COLUMBIA—MARYLAND
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, USCE, NCPS, and WSSC

Topography by photogrammetric methods from aerial photographs taken 1955. Field checked 1956. Revised 1965

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 1971 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 2.8 FEET

1862 SHORELINE – – – – –

BASE MAP SHORELINE 1971

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.

VIRGINIA
QUADRANGLE LOCATION

Revisions shown in purple compiled from aerial photographs taken 1971. This information not field checked

Purple tint indicates extension of urban areas

ALEXANDRIA, VA.—D. C.—MD.
N3845—W7700/7.5

1965
PHOTOREVISED 1971
AMS 5561 I SE—SERIES V834

SPECIAL PRINTING
Contours and woodland symbols omitted

INTERIOR—GEOLOGICAL SURVEY WASHINGTON D.C.—1971

500' – 30'