PINEY POINT QUADRANGLE
MARYLAND-VIRGINIA
7.5 MINUTE SERIES (ORTHOPHOTOQUAD)

State of Maryland
Parris N. Glendening, Governor
Kathleen Kennedy Townsend, Lt. Governor
Department of Natural Resources
J. Charles Fox, Secretary
Karen M. White, Deputy Secretary
Resource Assessment Service
Paul O. Manoret, Director
Maryland Geological Survey
Karen M. White, Deputy Secretary

Shoreline Changes
Piney Point Quadrangle, MD-VA

Compiled by
Maryland Geological Survey
Coastal and Estuarine Geology Program
2100 5th Street, Baltimore, Maryland  21225
Telephone: (410) 554-5500
Website: www.mgs.md.gov

2001

LEGEND

1868 Shoreline
1943 Shoreline
1958, 1959 Shorelines
1993 Shoreline

SOURCES OF DATA

Base Image
Composite of resampled digital ortho-photographic quads (Piney Point - NE, NW, SE, S) produced by the Maryland Department of Natural Resources (MNR) from aerial photography flown on April 8, 1993

Shorelines
1868 - Historical Shorelines CZM Map 16A (Maryland Geological Survey, 1977), digitized using AutoCAD
1943, 1958, 1959 - National Oceanic and Atmospheric Administration, National Ocean Service T-sheets listed below; digitized using GISMAP or AutoCAD
1993 - orthophotquadr shoreline extracted from a DON digital wetlands delineation based on photo interpretation of digital orthophoto quarter quads

ACKNOWLEDGMENTS

This map was prepared using the geographic information system TNTmips by MicroImages, Inc.

Partial funding was provided by a grant from the National Oceanic and Atmospheric Administration (Award No. NA07002019), administered by the Maryland Department of Natural Resources, Coastal Zone Management Program (CZM Grant NA0304-014-CZM 040).

The facilities and services of the Maryland Department of Natural Resources are available to all without regard to race, color, religion, sex, sexual orientation, age, national origin or physical or mental disability.

This document is available in alternative formats upon request from a qualified individual with a disability.

Maryland Geological Survey
2300 St. Paul Street
Baltimore, Maryland  21218
Telephone: (410) 554-5500
Website: www.mgs.md.gov

INDEX TO ADJOINING 7.5' MAPS

North American Datum of 1983 (NAD 83)
Projection and 1000-meter grid ticks
Maryland State Plane Coordinate System