



UNITED STATES - EAST COAST
VIRGINIA

PAMUNKEY AND MATTAPONI RIVERS

Mercator Projection
Scale 1:40,000 at Lat. 37°40'
North American Datum of 1983
World Geodetic System 1984

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

Additional information can be obtained at nauticalcharts.noaa.gov.

TIDAL INFORMATION

PLACE	G.A.S.D.M.G.	Height referred to datum of soundings (M.L.L.W.)		
		Mean High Water	Mean Low Water	Low Water
Waters of Pamunkey River, Mattaponi R.	37°30'N 76°45'W	3.9	3.6	0.2
Northwest Pamunkey River	37°30'N 76°45'W	2.8	2.5	0.3
West Pamunkey River	37°30'N 76°45'W	2.1	1.8	0.3

ABBREVIATIONS For complete list of Symbols and Abbreviations, see Chart No. 1

Bottom characteristics:
Rk bottom
Ml mud
Ck coral
Gk gravel
Gg green mud
Gm green mud
Gn green mud
Gp green mud
Gq green mud
Gr green mud
Gs green mud
Gt green mud
Gu green mud
Gv green mud
Gw green mud
Gx green mud
Gy green mud
Gz green mud

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITY
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, U.S. Coast Guard, and Department of the Navy.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1983 must be corrected an average of 0.20" northward and 1.10" westward to agree with this chart.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center at 1-800-424-9293, 24 hours, or the nearest U.S. Coast Guard facility if telephone communication is impossible (24 CFR 103).

FISH TRAP AREAS AND STRUCTURES
Fishermen are warned that numerous uncharted duck blinds and fishing structures, some submerged, exist in the fish trap areas. Regulations to ensure clear passage to and through straightened and natural channels, and to established landings, are prescribed by the Corps of Engineers in the Code of Federal Regulations.

CAUTION
The presence of radar reflectors may not be indicated on this chart. Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio broadcasts listed below provide continuous weather broadcasts. The received range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

CAUTION
Bascule bridges, whose spans do not open to full upper vertical clearance, are indicated on this chart. For bascule bridges, whose spans do not open to full upper vertical clearance, uncharted horizontal clearance is not available for the entire charted horizontal clearance.

CAUTION
Submarine pipelines and cables are shown on this chart. Submarine pipelines and cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling. Cables will not be marked by lights or unlighted buoys.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See and Department of the Navy.

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