NAUTICAL CHART 12237

VIRGINIA
RAPPAHANNOCK RIVER
CORROTOMAN RIVER TO FREDERICKSBURG

MERCATOR PROJECTION AT SCALE 1:20,000 & 40,000
SOUNDINGS IN FEET AT MEAN LOWER LOW WATER
NORTH AMERICAN DATUM OF 1983
(WORLD GEODETIC SYSTEM 1984)

HEIGHTS
Heights in feet above Mean High Water.

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

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 3 for important supplemental information.

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

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated):
AERO aeronautical; Al alternating; B black; Bn beacon; C can; DIA diaphone; F fixed; Fl flashing; G green; IQ interrupted quick; Iso isophase; LT HO lighthouse; M nautical mile; m minutes; MICRO TR microwave tower; Mkr marker; Mo morse code; N nun; OBSC obscured; Oc occulting; Or orange; Q quick; R red; Ra Ref radar reflector; R Bn radiobeacon; R TR radio tower; Rot rotating; s seconds; SEC sector; St M statute miles; VQ very quick; W white; WHIS whistle; Y yellow
Bottom characteristics:
Blds boulders; bk broken; Cy clay; Co coral; G gravel; Grs grass; gy gray; h hard; M mud; Oys oysters; Rk rock; S sand; so soft; Sh shells; sy sticky
Miscellaneous:
AUTH authorized; ED existence doubtful; Obstn obstruction; PA position approximate; PD position doubtful; Rep reported; Subm submerged
(21) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

MARINE WEATHER FORECASTS

NATIONAL WEATHER SERVICE	TELEPHONE NUMBERS	OFFICE HOURS
Baltimore, MD / Washington, DC	*(703) 260-0107	24 hours daily
Wakefield, VA	*(757) 899-4200	24 hours daily
Newport, NC	*(252) 223-5737	24 hours daily

* Recorded

NOAA WEATHER RADIO BROADCASTS

CITY	STATION	FREQ.	BROADCAST TIMES
Manassas, VA	KHB-36	162.55 MHz	24 hours daily
Salisbury, MD	KEC-92	162.475 MHz	24 hours daily
Norfolk, VA	KHB-37	162.55 MHz	24 hours daily
Heathsville, VA	WXM-57	162.40 MHz	24 hours daily

BROADCASTS OF MARINE WEATHER FORECASTS AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

CITY	STATION	FREQ.	BROADCAST TIMES-EST	SPECIAL WARNING
Hampton Roads, VA	NMN-80	2670 kHz	8:33 AM & 9:03 PM	* Recorded

Distress calls for small craft are made on 2182 kHz or channel 16 (156.80 MHz) VHF.

PUBLIC BOATING INSTRUCTION PROGRAMS
The United States Power Squadrons (USPS) and U.S. Coast Guard Auxiliary (USCGAUX), national organizations of boatmen, conduct extensive boating instruction programs in communities throughout the United States. For information regarding these educational courses, contact the following sources:
USPS - Local Squadron Commander or USPS Headquarters, Post Office Box 30423, Raleigh, N.C. 27612, 919-821-0281.
USCGAUX-5th Coast Guard District, Federal Building, 431 Crawford St., Portsmouth, VA 23704-5004, Tel. 804-398-6208 or USCG Headquarters (G-BAU), Washington, D.C. 20593-0001.

PRINT-ON-DEMAND CHARTS
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TIDAL INFORMATION

PLACE NAME	(LAT/LONG)	Mean Higher High Water (feet)	Mean High Water (feet)	Mean Low Water (feet)
Millenbeck	(37°40'N/76°29'W)	1.5	1.4	0.1
Urbanna	(37°39'N/76°34'W)	1.6	1.5	0.1
Bayport	(37°45'N/76°40'W)	1.8	1.7	0.1
Wares Wharf	(37°52'N/76°47'W)	2.1	1.9	0.1
Tappahannock	(37°56'N/76°51'W)	1.9	1.8	0.1
Saunders Wharf	(38°05'N/77°02'W)	1.7	1.6	0.1
Park Turn	(38°13'N/77°15'W)	2.4	2.3	0.1
Hopyard Landing	(38°15'N/77°14'W)	2.4	2.2	0.1
Massaponax Sand & Gravel	(38°15'N/77°25'W)	2.8	2.6	0.2

Height referred to datum of soundings (MLLW). Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov.
(Nov 2013)

NO	SMALL CRAFT FACILITY	CHART SIDE	APPROACH-FEET (REPORTED)	ALONGSIDE-FEET (REPORTED)	BERTHS-MOORINGS-ELECTRICITY (TRANSIENTS)	RAMP SURFACED-NATURAL	REPAIRS HULL-MOTOR-RADIO	MARINE RAILWAY-FEET	LIFT CAPACITY-TONS	BOAT RENTAL CANOE-ROW-MOTOR-KAYAK	CHARTER-HOUSE-SAIL	FOOD-LODGING-CAMPING	TOILETS-SHOWERS-LAUNDRY PUMP-OUT STATION	WINTER STORAGE WET-DRY	NAUTICAL CHART SALES	WATER-ICE	GROCERIES-HARDWARE	BAIT-TACKLE	DIESEL OIL-GASOLINE
4	RAPPAHANNOCK YACHTS	A	8	8	B E		HMR		30				T S P	W D		W	G H		D G
5	TIDES INN	A	7	7	B E					C M	C	F L	T S L P	W	C	W I			D G
6	CARTERS COVE MARINA	A	4	4	B E								T S L P	W		W I			D G
9	YANKEE POINT MARINA	A	8	8	B E	S	HMR		45	C	C S	F L	T S L P	W D	C	W I	G H		D G
11	URBANNA YACHTING CENTER	A	11	11	B E		HMR		25				T S P	W D	C	W I	H		D G
12	DOZIER PORT URBANNA TOWN CENTER MARINA	A	12	8	B E		HMR		40			F	T S P	W D	C	W	H		D G
12C	URBANNA TOWN MARINA	A	12	12	B E	S							T S L P	W		W I			G
13	SUNSET POINT MARINA	A	6	6	B E	S	HMR	40					T S P	W D	C	W I	H	B T	D G
14	REMLIK MARINA	A	4	4	B E	N	HMR	42	40				T S P	W D	C	W I	H	B T	G
16	GREENVALE CREEK MARINA	A	8	5	B E	S	HMR	45	18				T S L P	W D	C	W I	G H	B T	G
21	GARRETT'S MARINA	A	5	4	B M E	S	HMR						T S P	W D	C	W I	H	B T	D G
23	JUNE PARKER MARINA	A	4	4	B E	S	M					FLC	T P	W D	C	W I	G H	B T	G

THE LOCATIONS OF THE ABOVE PUBLIC MARINE FACILITIES ARE SHOWN ON THE CHART BY MAGENTA NUMBERS AND LEADERS.
THE TABULATED "APPROACH-FEET (REPORTED)" IS THE DEPTH AVAILABLE FROM THE NEAREST NATURAL OR DREDGED CHANNEL TO THE FACILITY.
THE TABULATED "PUMP-OUT STATION" IS DEFINED AS FACILITIES AVAILABLE FOR PUMPING OUT BOAT HOLDING TANKS.

TIDAL CURRENT DATA

PLACE	Lat.	Long.	Flood Direction (true) deg.	Flood Average velocity knots	Ebb Direction (true) deg.	Ebb Average velocity knots
RAPPAHANNOCK RIVER						
Towles Point	37°38'N	76°30'W	274	0.6	103	0.5
Rogue Point, 0.8 mile WNW. of	37°40'N	76°33'W	0	0.6	195	0.6
Waterview, 1.3 miles NNE. of	37°45'N	76°36'W	340	0.7	155	0.6
Tarpley Point, 1.5 miles south of	37°46'N	76°39'W	300	0.7	105	0.7
Jones Point, 1.4 miles NNW. of	37°48'N	76°42'W	315	1.1	105	0.9
Sharps, 1.2 miles south of	37°48'N	76°42'W	290	0.9	95	0.8
Bowlers Rock, 0.2 mile north of	37°50'N	76°44'W	315	1.0	135	1.1
Accaceek Point, 0.3 mile SW. of	37°53'N	76°47'W	335	1.2	150	1.0
Tappahannock Bridge, 1.8 miles SE. of	37°55'N	76°49'W	315	1.4	105	1.3
Tappahannock Bridge	37°56'N	76°51'W	315	1.3	135	1.2
Port Royal	38°10'N	77°11'W	310	0.7	130	0.7

Last Correction: 9/17/2015. Cleared through:
LNM: 3715 (9/15/2015), NM: 3915 (9/26/2015)

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