DEPARTMENT OF COMMERCE AND LABOR
UNITED STATES OF AMERICA

CHESAPEAKE BAY

MARYLAND AND VIRGINIA

(Polyconic Projection)

Scale $\frac{1}{200000}$

Statute Miles
Nautical Miles
Kilometers
BALTIMORE
WASHINGTON
DISTRICT OF COLUMBIA
POTOMAC RIVER
RAPPAHANNOCK RIVER
JAMES RIVER
YORK RIVER
DELAWARE
RICHMOND
Petersburg
Fredericksburg
Alexandria
Annapolis
Havre de Grace
Cambridge
Easton
Crisfield
Yorktown
Newport News
Norfolk
Portsmouth
Cape Charles
Cape Henry
Hog Island
Tangier I.
Smith I.
MAGNETIC COMPASS
VAR.N 5°15' W IN 1908
ANNUAL INCREASE 3'
26'
10'
76°00'
50'
40'
76°30'
39°30'
39°00'
38°30'
38°00'
37°30'
37°00'

Note. One kilometer or 1000 meters = 3280.83 ft. = $\frac{5}{8}$ of a statute mile nearly. One statute mile = 1609.35 meters.

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BY THE COAST AND GEODETIC SURVEY
O. H. Tittmann, Superintendent.

(Date of first publication 1902)

Triangulation executed between 1849 and 1900.
Topography " " 1843 " 1905.
Hydrography " " 1844 " 1908
Corrections from Surveys by U.S. Navy to May, 1904,
and by Corps of Engineers, U.S.A., to Oct. 1909,

SOUNDINGS

The soundings are in feet and show the depth at mean low water.
Depths of 18 feet and less are shown on a dotted surface.
The 30 foot curve is shown thus ....

TIDES

	Norfolk Navy Yard	Old Point Comfort	Point Lookout	Washington Seventh St.	Baltimore Fells Pt.	Havre de Grace
Mean time of high water after moon's meridian passage	9h 16m	8h 44m	0h 35m	7h 49m	6h 34m	9h 15m
Mean time of low water after moon's meridian passage	3 02	2 15	6 56	2 01	0 46	3 35
Mean height of high water above plane of reference	2.8 ft.	2.5 ft.	1.3 ft.	2.9 ft.	1.2 ft.	2.1 ft.

The predicted time and height of the tide can be obtained from the TIDE TABLES published annually by the Coast and Geodetic Survey.

LIGHTS

F. signifies Fixed; Flg. Flashing; Fl. Flash; Fls. Flashes; Rev. Revolving; W. White; R. Red; v. varied by; Sec. Sector

Name	Latitude	Longitude West from Greenwich	Character	Interval bet. flashes	Color of Structure	Height above Sea	Visibility in naut. miles at 15 ft. elevation	Fog Signals
Cape Charles	37° 07′ 22″	75° 54′ 24″	Flg. W.	6s and 32s	White	180 ft.	19½	
Cape Henry	36 55 35	76 00 27	F. W. R. Sec.		Black & White	157 "	18¾	Siren.
Hog Island	37 23 (46)	75 41 (59)	Flg. W.	45s	Black	180	19¼	

SIGNS AND ABBREVIATIONS

M. mud, S. sand, G. gravel, Sh. shells, P. pebbles, Sp. specks, Cl. clay, St. stones, Co. coral, Oz. ooze.
bk. black, wh. white, rd. red, yl. yellow, gy. gray, bu. blue, dk. dark, lt. light, gn. green, br. brown.
hrd. hard, sft. soft, fne. fine, crs. coarse, rky. rocky, stk. sticky, brk. broken, lrg. large, sml. small, stf. stiff.

← L. S. S. life saving station. (T) connected with general telegraphic system.

Red buoy, to be left to starboard in entering.
Black buoy, to be left to port in entering.
Black and red horizontal stripes, danger buoy.
Black and white perpendicular stripes, channel buoy.

C. can, N. nun, S. spar.
⧺ Wreck.
** Rock awash at any stage of the tide*
+ Sunken rock.

STORM WARNING DISPLAYS

Storm warning displays are made by the U.S. Weather Bureau at Cape Henry, Fort Monroe, Newport News, Norfolk, Oxford, Annapolis and Baltimore.

Lines dividing the high seas from inland waters,
(relating to Rules of the Road).
From Cape Henry Light to outer entrance whistling buoy, thence to Cape Charles Light.

The head of navigation on the Nanticoke River is at Seaford. Channel under improvement dredged 8½ feet.

The head of navigation on the Wicomico River is at Salisbury. Channel under improvement dredged 8 feet.

The head of navigation on the Pocomoke River is at Snow Hill. Channel under improvement dredged 7 feet.

Aids to Navigation corrected
for information received to
AUG 18 1910

5-12
7-12
7-29