RAREBK
VK
982
.P6
B3
1861
[Chart 1]

Electrotype Copy No. 2 by O. Mathie U.S.C.S.

# THE HARBOR OF ANNAPOLIS

Founded upon a Trigonometrical Survey

Under the direction of A. D. BACHE Superintendent of the

## SURVEY OF THE COAST OF THE UNITED STATES

Triangulation by JAMES FERGUSON and FERD. H. GERDES Assistants

The Hydrography

under the direction of GEORGE M. BACHE Lieutenant U.S.Navy

Topography by F. H. GERDES Assistant

Published in 1846

Scale $\frac{1}{40000}$

*The Triangulation and Topography were executed in 1844.*
*The Hydrography was executed in 1844 and 1845.*
*The Views were taken by J. Farley, Assistant in 1845.*
*Magnetic observations by Lieut. T. J. Lee U.S. Top. Engrs. & Assist. in 1845.*

### TIDAL NOTES.

| | |
|---|---|
| Corrected Establishment of Annapolis | IV^h XLIII^m |
| Rise of Highest Tide ____ above the plane of reference 11^th Nov. 1845. | 2^f 6 |
| Height of Mean High Water ____ do. ____ do. | 0^f 9 |
| Fall of Lowest Tide ____ below the plane of reference 1^st Oct. 1844. | 1^f 4 |

*The tidal notes are the results of observations during 13 months, in 1844 and 1845. The plane of reference is mean low water.*

*The soundings are expressed in feet, and show the depth at mean low water. The dotted surfaces represent the bottom within the respective depths of 18, 12 & 6 feet.*

### LAT., LONG. AND MAGNETIC VARIATION.

| | |
|---|---|
| *Latitude of Annapolis State House* | 38° 58′ 39″ |
| *Longitude of ____ do. ____ do. ____ do. ____ 76° 29′ 5s″ West of Greenwich Observatory* | = 5^h 0^m 59^s 4 |
| *Variation of the Magnetic Needle at Station Taylor near Annapolis May 1845.* | 2° 14′ West |

### SAILING DIRECTIONS.

*Vessels bound into Annapolis Harbor from down the Bay should give Thomas' Pt. a berth of at least 2 miles and not open the Poplars at Whitehall Creek to the Westward of the trees on the Western end of Hacketts Pt. This Range as by View N°1. will carry them clear of the Shoals off Thomas' and Tally's Points in 7 fathoms water. When off Thomas' Point steer N. & W. by compass until the whole length of the River Severn is open as by View N°3. then haul in N.W. & N. in this Range, pass to the Southward of the Black Buoy off Greensberry's Pt. and, when near the White Buoy off Horn Pt. haul up to the Northward towards Fort Madison and anchor in 19 feet water, muddy bottom. Vessels drawing under 12 feet water can stand for the inner White Buoy or Channel Buoy and anchor inside of it, in from 13 to 14 feet water, muddy bottom.*

*Vessels bound in from up the Bay should give Sandy Point a berth of at least a mile and steer S. W. by S. by compass, in from 7 to 8 fathoms water, until the end of Greensberry's Point is in Range with the State House as by View N°2. then haul in W. & S. until the River opens as by View N°3: then steer N.W. & N. on this Range as before directed.*

*Vessels making the Inner Roads for a harbor can anchor in from 3 to 4 fathoms water, muddy bottom, with the Poplar on Horn Point in range with the State House, and Tally's Point open with Thomas' Point Light House.*

*The best anchorage in the Outer Roads for large Vessels of War is in 8 fathoms water, muddy bottom, with the Poplar on Horn Point in range with the State House and Thomas Point Light house bearing N.W. & N. by compass. This anchorage is distant 4½ miles from the City of Annapolis. The light on Thomas Pt. is fixed. The height of the tower from base to lantern is 30 feet, and the Light can be seen at the distance of 15 miles.*

*The characteristic soundings only are given on the maps. They are selected from the numerous soundings taken in the survey so as to represent the figure of the bottom.*

Whitehall poplars & Hackett's Pt.

N°1. View for entering South Channel _ Hackett's Pt. & Whitehall poplars in range

Poplar — Horn Pt. — State House & Greensberry's Pt.

N°2. View for passing North Shoal _ Greensberry's Pt. & State House in range

State House — Horn Pt. — Pt. Severn — Severn R. open — Bieman's Pt.

N°3. View of the Entrance to Annapolis Harbor from the South Channel in 6½ fathoms (soft)

State House — Horn Pt. — Pt. Severn — Bieman's Pt. & Greensberry's Pt. — Price's Pt.

N°4. View at the Entrance of Annapolis Harbor in 3½ fathoms (soft mud) _ Steering N. W. by W. ½ W. with the State House & Poplar in range

Longitude: 76° 29′ 50″ West from Greenwich Observatory of the Meridian of the State House at Annapolis Md.

Statute Miles.

Nautical Miles.

Verified by A. A. Humphreys, Lieut. Top. Engrs. & Assistant.

Final reduction for Engraving by R. D. Cutts, Assistant.

Topography Engd. by J. H. Young, Phila. & the Views by O. Lawson, Wash.