CHARLESTON HARBOUR

AND THE ADJACENT

Coast and Country,

SOUTH CAROLINA.

SURVEYED AT INTERVALS IN 1823, 1824, AND 1825; BY

Hartman Bache, Capt. Topogl. Engr.
James D. Graham, Lieut. 3rd Artillery.
C. M. Eakin, Lieut 2nd Artillery.
W. M. Boyce, Lieut 1st Infantry.

1823, 1825, 1825

NOTE ON THE BOTTOM.

Wappoo Creek; Stiff Mud in the Channel, Soft Mud near the Shores.
Stono River; the first 3 Miles from its mouth, Hard Sand in the Channel with Mud near the Shores; The remaining part, Stiff Mud in the Channel and Soft Mud near the Shores.
The bottom is Soft Mud in the Creeks lying between James Island and Light House and Folly Islands.
The Bar is composed of Hard Sand.
The Harbour, Cooper River, Town Creek and the Ship Channel to the Bar is Mud and Hard Sand.
Ashley River, Hard Sand in the Channel Mud near the Shores.
Folly River; The first Mile from its mouth, Hard Sand. The remaining part Stiff and Soft Mud.

NOTE ON THE TIDES.

Of 457 tides registered in the Harbour;
The greatest tide was.....7 feet 10 inches.
The least tide was.....3 feet 1 inch.
The average tide was.....4 feet 6 inches.

Of 48 tides registered in the Creeks,
The greatest tide was.....7 feet 6 inches.
The least tide was.....2 feet 9 inches.
The average tide was.....5 feet 2 inches.

Of 21 tides registered in Stono River,
The greatest tide was.....7 feet 3 inches.
The least tide was.....3 feet 6 inches.
The average tide was.....5 feet 4 inches.

Of 32 tides registered in this Survey;
The greatest tide was.....7 feet 10 inches.
The least tide was.....2 feet 9 inches.
The average tide was.....5 feet 2 inches.

Surface of the Sea at High Water.
Surface of the Sea at Low Water.
Times of High and Low Water.

TIDE SCALE

Scale of four Inches to one Mile

NOTE.

There is no portion of this map in reference either to the Lands or the water, that is derived from any other source than actual surveys executed by the authors whose names are subscribed to it.

Map Division
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