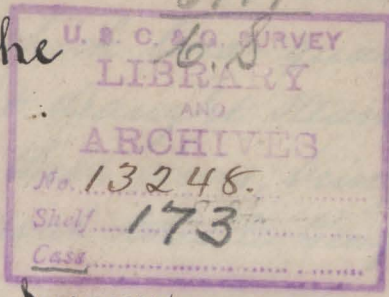


2036.)

Notes on the Coast of the  
United States

by A. D. Bache, Sup't: U. S. C. Survey.



Section V.      Coast of South Carolina.

( With 8 Maps )

June 1861.

Rare Book  
VK  
982  
.S6  
B3  
1861

Note. This Memoir was prepared by C. O. Boutelle Esq. Assistant U. S. C. Survey, and revised by Prof. A. D. Bache, Sup't, assisted by Capt: C. P. Patterson, Hydrog. Inspector, and Prof. W. P. Ironbridge, Assist: U. S. C. Survey



Height of Mean Low Water of Neap Tides above plane of ref.	0.6 ft.
Mean Rise and Fall of Tides	6.5
Mean do. of Spring Tides	7.3
Mean do. of Neap Tides	5.3
Mean duration of Rise	} Reckoning from the middle of one Stand to the middle of the next
Mean do. of Fall	
Mean do. of Stand	6.15
	0.18

Lat. of Port Royal Astronom. Station	32° 17' 44".3
Long. of do. do. W. from Greenw. Wy., in arc	80° 38' 22".8
Long. of do. do. do. in time	5 <sup>h</sup> 22 <sup>m</sup> 33 <sup>s</sup> .5
Variation of the Magnetic Needle in Jan. 1859	3° 04' E.
Present annual decrease	1 <sup>3</sup> / <sub>4</sub>

The Light Ship off Martin's Industry, at the entrance of the channel has been removed, and the buoys have possibly been taken up. They were first put down in 1859 to facilitate the entrance of the U. S. Frigate "Brooklyn". The narrowest and shoalest portion of the Bar is so far out from the headlands, that a conspicuous mark is needed, and very large buoys with a flag-pole or basket beacon should be placed outside, if the Light Ship is taken away.

Difficulty was found from the great distances apart (nearly three miles) of the buoys as first placed; and <sup>buoys</sup> should be placed at the points marked upon the accompanying chart II, if the port is to be used. It is probable that the