

is in great Quantity on the low Beach Coast, and to the Eastward and Southward in the Bay.

That the Tide from the Ocean on the North-west Coast of *America*, should be as high, or rather higher, than the Tide on the North-eastern Coast of *America*, is also agreeable to Reason and Observations, from the Tides and Currents in different Parts of the Globe. The Trade Winds betwixt and near the Tropics, impell the Sea from the Coast of *Africa* against the Eastern Coast of *America*; so that the Water is higher there than upon the *African* Coast. This again by Reflection, and an eddy Current is forc'd out North of *Cuba*, by the *Bahama Streights*, North-easterly towards the Coast of *Europe*, in more Northerly Latitudes.— The Trade Wind also causes an Eddy in the Atmosphere in the higher Latitudes, towards the Polar Circle; which is the Cause of the North-west Winds blowing so long and violently in those Latitudes. The Winds consequently lower the Surface of the Ocean on the North-east Coast of *America*, by impelling it against the Coast of *Europe*.— For the same reason, the Trade Wind in the *South Sea*, forming an Eddy Wind and Current, impell the Ocean against the North-west Coast of *America*; and consequently the Surface of the Ocean in those higher Latitudes ought to be higher there, than on the North-east Coast without *Hudson's Strait*; therefore the Tide on the West End of such Strait, as is here suppos'd, ought to be higher than at the East Entrance, even if the Ocean join'd the East End of the Strait, and consequently much higher as it is an Inland Sea: And this Difference of the height must necessarily cause so rapid a Current Eastward into the Bay so many Hours each Tide. Thus the Surface of the Ocean without the Strait
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