

XXV. *An Account of the Flowing of the Tides in the South Sea, as observed on board His Majesty's Bark the Endeavour, by Lieut. J. Cook, Commander, in a Letter to Nevil Maskelyne, Astronomer Royal, and F. R. S.*

Mile-end, February 5, 1772.

Reverend Sir,

Read May 21, 1772. **I** Here send you the few observations I made on the tides in the South Sea, to which I have only to add, that, from many circumstances and observations, I am fully convinced that the flood comes from the southward, or rather from the S. E. I am,

S I R,

Your most obedient,

humble servant,

J. Cook.

Names

Names of places where observed.	Lat. South.	Long. West.	New and full Moon.	
			High water.	Rise & fall.
			H. M.	F. In.
Succes Bay in Strait le Maire	— 54 45	66 4	4 30	5 6
Lagoon Island — —	— 18 47	139 28	0 30
Matavai Bay, Otaheita — —	— 17 29	149 30	0 30	0 11
Tolaga Bay, East coast of New Zealand	38 22	181 14	6 0	5 6
Mercury Bay, N. E. ditto — —	— 36 48	184 4	7 30	7 0
River Thames, ditto — —	— 37 12	184 12	9 0	10 0
Bay of Islands, ditto — —	— 35 14	185 36	8 0	7 0
Queen Charlotte's Sound, Cook's Strait } New Zealand — — — }	41 0	184 45	9 30	7 6
Admiralty Bay, in ditto — —	— 41 45	185 12	10 0	7 0
Botany Bay, coast of New South-Wales	34 0	208 37	8 0	4 6
Buffard Bay, ditto — —	— 24 30	208 20	8 0	8 0
Thirly Sound, ditto — —	— 25 5	210 24	11 0	16 0
Endeavour River, ditto — —	— 15 26	214 48	9 30	9 0
Endeavour's Strait, which divides New } Guinea from New Holland — }	10 37	218 45	1 30	11 0