TABLE XIII.

Shews the Difference between the Watch, Lunar Obſervations, and Longitude, by Account at Noon on ſeveral Days during the Paſſage from St. Jago to the Sandwich Iſlands.

N. B. The Watch is one of Mr. Arnold's ſmall Pocket Time-keepers.

Time.	Watch Weſt.	Lunar Obſervations Weſt.	Account Weſt.	Remarks.
1785.	° ′	° ′	° ′	
Nov. 18	28 03	28 09	24 54	Having found the watch to alter her rate of going in different degrees of heat and cold before we left St. Jago, I made a ſmall table of the alterations by which ſhe was always calculated during our paſſage to the Sandwich Iſlands.
21	30 45	30 35	26 30	
28	34 25	33 10	29 34	
Dec. 4	37 46	38 21	33 56	
8	42 35	42 37	38 41	
13	46 21	no obſerv.	43 43	
22	53 40	53 36	51 58	
25	54 42	no obſerv.	51 35	
1786.				
Jan. 1	57 10	ditto.	54 25	
26	64 29	64 37	63 18	
30	62 19	no obſerv.	63 30	
Feb. 7	71 30	ditto.	74 59	At the time we left St. Jago, the watch loſt on mean time $0^h.\ 00^m.\ 02''.$ per day.
15	80 51	ditto.	86 11	
18	82 30	82 50	87 01	
22	81 40	82 23	85 39	
27	82 43	no obſerv.	87 26	On our leaving the Falkland Iſlands, ſhe loſt on mean time $0^h.\ 00^m.\ 05''.$ per day.
March 6	81 31	81 38	83 25	
15	85 16	no obſerv.	90 03	
20	89 00	89 20	94 44	
25	92 40	92 04	99 17	
April 11	110 00	109 20	112 24	
19	116 00	115 40	118 13	
26	117 40	no obſerv.	120 55	
May 4	125 32	124 30	127 58	May 24th, at noon, the N. E. point of Owhyhee bearing N. $\frac{1}{2}$ W. three or four leagues diſtant, I found the watch to be out in longitude 38 miles.
19	146 44	146 45	147 32	
22	151 40	151 34	151 39	
23	153 15	no obſerv.	153 33	
24	154 16	ditto.	154 10	