

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 Zeit.	Lunar Observations Zeit.	Account Zeit.	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	At the time we left St. Jago, the watch lost on mean time 0 ^h . 00 ^m . 02 ^s . per day.
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	On our leaving the Falkland Islands, she lost on mean time 0 ^h . 00 ^m . 05 ^s . 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	
March 6	81 31	81 38	83 25	
15	85 16	no observ.	90 03	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.
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	
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	