

TABLE 5.

CLOCK ERRORS, AND RATES ON EXCHANGE DAYS, FROM CURVES.

MOUNT COOK, WELLINGTON.						SYDNEY.					
Date.	Number of Clock Stars observed.	Sid. Time.	Clock Slow.	Losses per Day.	Losses per Hour.	Date.	Number of Clock Stars observed.	Sid. Time.	Clock Slow.	Losses per Day.	Losses per Hour.
1883. Dec. 3	8	H. M. 1 06	S. 3·442	S.	S.	1883. Dec. 4	...	H. M. 0 19	S. 19·52	S.	S.
" 5	20	3 33	3·754	+·212	+·0088	" 5	4	1 07	19·515	—·098	—·0041
" 9	11	1 27	4·989			" 7	8	1 33	19·106		
" 14	15	2 09	5·477			" 9	2	1 36	18·380		
" 15	25	3 48	5·528	+·007	+·0003	" 14	11	1 54	17·250		
" 16	16	3 08	5·496	—·048	—·0020	" 15	9	1 23	17·329	—·038	—·0016
" 17	9	1 48	5·437			" 16	7	1 11	17·150	—·212	—·0088
" 18	16	3 03	5·466	+·027	+·0011	" 18	11	1 54	16·834	—·096	—·0040
1884. Jan. 11	8	3 40	5·483								

CLOCK CORRECTIONS AT TIMES OF EXCHANGES, DEDUCED FROM THE ABOVE.

MOUNT COOK, WELLINGTON.			SYDNEY.		
Date.	Sidereal Time.	Clock Slow.	Date.	Sidereal Time.	Clock Slow.
1883. December 5	H. M. 4 00	S. 3·758	1883. December 5	H. M. 2 26	S. 19·510
" 5	4 11	3·760	" 5	2 36	19·509
" 5	4 35	3·763	" 5	3 00	19·507
" 5	4 49	3·765	" 5	3 14	19·506
" 15	4 07	5·528	" 15	2 32	17·327
" 15	4 34	5·528	" 15	3 00	17·326
" 15	4 57	5·528	" 15	3 23	17·326
" 15	5 09	5·528	" 15	3 34	17·326
" 15	5 57	5·529	" 15	4 23	17·324
" 16	3 15	5·496	" 16	1 41	17·146
" 16	3 27	5·495	" 16	1 53	17·144
" 16	3 51	5·495	" 16	2 17	17·140
" 16	4 04	5·494	" 16	2 29	17·139
" 18	3 48	5·467	" 18	2 14	16·833
" 18	4 01	5·467	" 18	2 26	16·832
" 18	4 24	5·468	" 18	2 50	16·830
" 18	4 36	5·469	" 18	3 01	16·830

PERSONAL EQUATIONS.

Lenehan observes after Adams	...	...	S. ·07.
Russell records after signal	...	...	·341 each day.
Adams records after signal	...	...	·302 on 5th December.
" " "	...	...	·446 on other days.