

TABLE 7.

CORRECTION OF CLOCK TIMES AT THE MEAN OF EXCHANGES, AND RESULTING DIFFERENCE OF LONGITUDE.

NOTE.—The symbols have the same signification as on page 341, Vol. I., Chauvenet. The equation $A-L=0.70s$ has been applied to the sending clock for the sake of convenience.

Date.	s. (sending). R. (receiving).	Clock Time.	Clock Slow.	Personal Equation.	Corrected Time.	Difference 1h. 34m. +.	
1883.		H. M. S.	S.	S.	H. M. S.	.	λ_2 S.
Dec. 5 ...	Sydney s.	2 25 15.829	+19.510	+0.070	2 25 35.409	} ...	17.418
" 5 ...	N.Z. R.	3 59 49.371	+ 3.758	— .302	3 59 52.827		
" 5 ...	N.Z. s.	4 10 30.829	+ 3.760	— .070	4 10 34.519		
" 5 ...	Sydney R.	2 35 58.821	+19.509	— .341	2 36 17.988	} 16.531	17.448
" 5 ...	Sydney s.	2 59 56.651	+19.507	+0.070	3 00 16.228		
" 5 ...	N.Z. R.	4 34 30.215	+ 3.763	— .302	4 34 33.676		
" 5 ...	N.Z. s.	4 48 30.837	+ 3.765	— .070	4 48 34.532	} 16.589	17.433
" 5 ...	Sydney R.	3 13 58.778	+19.506	— .341	3 14 17.943		
		Result $\lambda=16.996$		$x=.436$	Means=	16.560	
Dec. 15 ...	N.Z. s.	4 06 35.892	+ 5.528	— .070	4 06 41.350	} 16.438	17.474
" 15 ...	Sydney R.	2 32 07.926	+17.327	— .341	2 32 24.912		
" 15 ...	Sydney s.	2 59 30.341	+17.326	+0.070	2 59 47.737		
" 15 ...	N.Z. R.	4 34 00.129	+ 5.528	— .446	4 34 05.211	} ...	17.463
" 15 ...	Sydney s.	3 22 40.325	+17.326	+0.070	3 22 57.721		
" 15 ...	N.Z. R.	4 57 10.102	+ 5.528	— .446	4 57 15.184		
" 15 ...	N.Z. s.	5 08 30.867	+ 5.528	— .070	5 08 36.325	} 16.529	17.482
" 15 ...	Sydney R.	3 34 02.811	+17.326	— .341	3 34 19.796		
" 15 ...	Sydney s.	4 22 30.962	+17.324	+0.070	4 22 48.356		
" 15 ...	N.Z. R.	5 57 00.755	+ 5.529	— .446	5 57 05.838	} ...	17.473
		Result $\lambda=16.978$		$x=.494$	Means=	16.484	
Dec. 16 ...	Sydney s.	1 40 27.198	+17.146	+0.070	1 40 44.414	} ...	17.505
" 16 ...	N.Z. R.	3 14 56.869	+ 5.496	— .446	3 15 01.919		
" 16 ...	N.Z. s.	3 27 20.878	+ 5.495	— .070	3 27 26.303		
" 16 ...	Sydney R.	1 52 52.930	+17.144	— .341	1 53 09.733	} 16.570	17.542
" 16 ...	Sydney s.	2 16 30.363	+17.140	+0.070	2 16 47.573		
" 16 ...	N.Z. R.	3 51 00.066	+ 5.495	— .446	3 51 05.115		
" 16 ...	N.Z. s.	4 03 30.875	+ 5.494	— .070	4 03 36.299	} 16.644	17.524
" 16 ...	Sydney R.	2 29 02.857	+17.139	— .341	2 29 19.655		
		Result $\lambda=17.066$		$x=.458$	Means=	16.607	
Dec. 18 ...	Sydney s.	2 13 30.324	+16.833	+0.070	2 13 47.227	} ...	17.377
" 18 ...	N.Z. R.	3 47 59.583	+ 5.467	— .446	3 48 04.604		
" 18 ...	N.Z. s.	4 00 32.539	+ 5.467	— .070	4 00 37.936		
" 18 ...	Sydney R.	2 26 04.979	+16.832	— .341	2 26 21.470	} 16.466	17.365
" 18 ...	Sydney s.	2 49 40.384	+16.830	+0.070	2 49 57.284		
" 18 ...	N.Z. R.	4 24 09.627	+ 5.468	— .446	4 24 14.649		
" 18 ...	N.Z. s.	4 35 40.512	+ 5.469	— .070	4 35 45.911	} 16.494	17.371
" 18 ...	Sydney R.	3 01 12.928	+16.830	— .341	3 01 29.417		
		Result $\lambda=16.926$		$x=.446$	Means=	16.480	