

TABLE 4.—MERIDIONAL TRANSITS OF STARS OBSERVED AT MOUNT COOK OBSERVATORY—*contd.*

Date.	Stars observed and (Number of Wires).	Clamp.	Clock Time of Transit over the Mean Wire.	Seconds of True Transit over the Meridian.	Seconds of Stars assumed apparent. R.A.	Clock apparently Slow.
1883.			H. M. S.	S.	S.	S.
Dec. 16	β Orionis (Rigel) ...	W.	5 08 53.86	53.76	59.46	5.70
" 17	θ Ceti ...	E.	1 18 09.00	08.85	14.34	5.49
" 17	η Piscium ...	E.	1 25 12.40	12.17	17.72	5.55
" 17	α Eridani (Achernar) (7) ...	E.	1 33 19.18	18.99	24.17	5.18
" 17	ν Piscium ...	E.	1 35 19.53	19.34	24.72	5.38
" 17	$\circ$ Piscium ...	E.	1 39 12.03	11.83	17.25	5.42
" 17	β Arietis (8) ...	W.	1 48 09.47	09.73	15.27	5.54
" 17	β Centauri ...	S.P. W.	1 55 33.78	33.19	38.65	5.46
" 17	α Arietis (8) ...	W.	2 00 33.78	34.04	39.53	5.49
" 17	67 Ceti ...	W.	2 11 07.22	07.51	12.95	5.44
" 17	δ Hydri (9 Jahn) ...	W.	2 19 36.12	37.07	42.68	5.61
" 17	α^2 Centauri ...	S.P. W.	2 31 38.87	38.27	42.75	4.48
" 17	γ^2 Ceti ...	W.	2 37 13.11	13.38	18.71	5.33
" 18	η Piscium ...	E.	1 25 12.51	12.30	17.71	5.41
" 18	α Eridani (Achernar) ...	E.	1 33 19.29	19.02	24.14	5.12
" 18	ν Piscium (3) ...	E.	1 35 19.60	19.40	24.72	5.32
" 18	$\circ$ Piscium ...	E.	1 39 12.11	11.91	17.25	5.34
" 18	β Arietis (7) ...	E.	1 48 09.89	09.66	15.27	5.61
" 18	β Centauri ...	S.P. E.	1 55 32.72	33.16	38.70	5.54
" 18	α Arietis ...	E.	2 00 34.24	34.00	39.53	5.53
" 18	67 Ceti ...	W.	2 11 07.12	07.45	12.95	5.50
" 18	δ Hydri (9 Jahn) (8) ...	W.	2 19 35.64	36.64	42.64	6.00
" 18	γ^2 Ceti ...	W.	2 37 13.01	13.33	18.71	5.38
" 18	σ Arietis ...	W.	2 45 00.94	01.24	06.81	5.57
" 18	ν Hydri (Gill's Cat.) (8) ...	W.	2 51 09.16	10.55	16.22	5.67
" 18	α Ceti ...	W.	2 56 08.58	08.90	14.35	5.45
" 18	δ Arietis ...	W.	3 04 55.71	56.01	01.47	5.46
" 18	ρ Octantis (8363 Stone) (8) ...	W. E.	3 16 33.01	32.47	38.19	5.72
" 18	S.P.					
" 18	ϵ Eridani ...	E.	3 27 24.03	23.86	29.35	5.49
" 18	Exchange of Time-signals with Sydney.					
" 18	β Orionis (Rigel) ...	E.	5 08 54.16	53.98	59.47	5.49
" 18	β Tauri ...	E.	5 18 54.31	54.05	59.63	5.58
" 18	δ Orionis (4) ...	E.	5 26 01.24	01.05	06.56	5.51
" 18	α Orionis ...	E.	5 48 49.96	49.76	55.28	5.52
1884.						
Jan. 11	α Ceti ...	W.	2 56 08.21	08.76	14.16	5.40
" 11	δ Arietis ...	W.	3 04 55.11	55.73	01.28	5.55
" 11	ρ Octantis (8363 Stone) (8) S.P.	W. E.	3 16 35.19	37.69	43.09	5.40
" 11	ϵ Eridani ...	E.	3 27 23.64	23.65	29.17	5.52
" 11	η Tauri ...	E.	3 40 31.39	31.50	37.11	5.61
" 11	γ Hydri (8) ...	E.	3 49 00.58	59.21	04.58	5.37
" 11	γ^1 Eridani ...	E.	3 52 33.03	33.03	38.39	5.36
" 11	A Tauri ...	E.	3 57 46.47	46.58	52.02	5.44
" 11	σ^1 Eridani ...	W.	4 06 07.62	08.18	13.64	5.46
" 11	γ Tauri ...	W.	4 13 07.13	07.76	13.28	5.52