

LIST OF OBSERVATIONS TAKEN AT MOUNT COOK OBSERVATORY—*continued.*

—	Clamp.	N. or S.	—	Clamp.	N. or S.
TUESDAY, 18TH DECEMBER, 1883— <i>continued.</i>			FRIDAY, 11TH JANUARY, 1884— <i>continued.</i>		
δ Orionis ...	E.	N.	Level ...	E.	...
Level ...	E.	...	ε Eridani ...	E.	N.
α Orionis ...	E.	N.	Level ...	E.	...
Level ...	W.	...	η Tauri ...	E.	N.
FRIDAY, 11TH JANUARY, 1884.			γ Hydri ...	E.	S.
Level ...	W.	...	γ ¹ Eridani ...	E.	N.
α Ceti ...	W.	N.	Α Tauri ...	E.	N.
δ Arietis ...	W.	N.	Level ...	E.	...
Level ...	W.	...	ο ¹ Eridani ...	W.	N.
ρ Octantis ...	S.P.	S.	γ Tauri ...	W.	N.
			Level ...	W.	...

TABLE 1.

ERROR OF COLLIMATION OF THE TRANSIT INSTRUMENT AT MOUNT COOK OBSERVATORY,
WELLINGTON, NEW ZEALAND.

NOTE.—The sign is considered positive when it implies an additive correction to the time of observed transits of stars above the pole with the clamp west.

Date.	Stars.	For Clamp W.	For Clamp W. By Mer. Mark.
1883.		"	"
Nov. 11 ...	β Chamæleontis ...	S.P. +3.68	
" 11 ...	β Hydri ...	+4.21	
" 22 ...	β Hydri ...	+2.80	
" 27 ...	β Chamæleontis ...	S.P. +6.31	
" 27 ...	β Hydri ...	+5.18	
" 28 ...	β Chamæleontis ...	S.P. +6.49	
" 28 ...	β Hydri ...	+5.12	
" 29 ...	β Chamæleontis ...	S.P. +7.61	
" 29 ...	β Hydri ...	+3.35	
Dec. 3 ...	β Chamæleontis ...	S.P. +4.07	
" 3 ...	β Hydri ...	+6.19	
" 4 ...	β Chamæleontis ...	S.P. +5.48	
" 4 ...	β Hydri ...	+5.90	
" 8 ...	...	...	+6.44
" 9 ...	β Hydri ...	+3.77	
" 15 ...	σ Octantis ...	S.P. +5.69	
" 16 ...	δ Hydri (9 Jahn) ...	+4.25	+6.25
" 17 ...	...	...	+5.96
" 18 ...	ρ Octantis (Gill's Catalogue 8363 Stone) ...	+5.22	+5.93
" 19 ...	...	...	+5.63
" 19 ...	...	...	+6.06
		17)85.32	6)36.27
Means=		+5.02	+6.04