

TABLE 2.

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

NOTE.—The sign + indicates that the West Pivot is high.

Date.	Sid. Time of Level Determination.	Clamp.	Level Error corrected for Inequality of Pivots.	Date.	Sid. Time of Level Determination.	Clamp.	Level Error corrected for Inequality of Pivots.
1883.	H. M.		"	1883.	H. M.		"
Dec. 3 ...	0 05	E.	+ 3.66	Dec. 9 ...	2 15	E.	+ 4.08
" 3 ...	0 25	E.	+ 1.17	" 9 ...	2 30	E.	+ 3.82
" 3 ...	0 50	E.	+ 1.86		45		19.53
	80		6.19	Mean =	2 22	E.	+ 3.91
Mean =	0 27	E.	+ 2.06				
Dec. 3 ...	1 10	W.	+ 2.64	Dec. 14 ...	0 55	E.	+ 4.37
" 3 ...	1 30	W.	+ 2.37	" 14 ...	1 10	E.	+ 3.37
" 3 ...	1 45	W.	+ 2.26	" 14 ...	1 30	E.	+ 3.02
" 3 ...	1 55	W.	+ 1.04	" 14 ...	1 45	E.	+ 3.57
	1 40		8.31		5 20		14.33
Mean =	1 35	W.	+ 2.08	Mean =	1 20	E.	+ 3.58
Dec. 5 ...	1 10	W.	+ 3.57	Dec. 14 ...	1 50	W.	+ 3.31
" 5 ...	1 30	W.	+ 3.47	" 14 ...	2 05	W.	+ 2.99
	40		1.04	" 14 ...	2 15	W.	+ 3.09
Mean =	1 20	W.	+ 3.52	" 14 ...	2 30	W.	+ 2.19
				" 14 ...	2 45	W.	+ 1.91
Dec. 5 ...	1 45	E.	+ 2.83		11 25		13.49
" 5 ...	1 55	E.	+ 2.51	Mean =	2 17	W.	+ 2.70
" 5 ...	2 05	E.	+ 2.80				
" 5 ...	2 15	E.	+ 2.99	Dec. 14 ...	3 10	E.	+ 2.35
" 5 ...	2 25	E.	+ 3.09	" 14 ...	4 05	E.	+ 2.51
" 5 ...	5 15	E.	+ 2.93		7 15		.86
	15 40		17.15	Mean =	3 38	E.	+ 2.43
Mean =	2 37	E.	+ 2.86				
Dec. 5 ...	5 50	W.	+ 2.32				
" 5 ...	6 05	W.	+ 2.26	Dec. 15 ...	0 50	W.	+ 3.22
" 5 ...	6 45	W.	+ 1.52	" 15 ...	1 05	W.	+ 2.87
	40		6.10	" 15 ...	1 30	W.	+ 2.32
Mean =	6 13	W.	+ 2.03	" 15 ...	1 40	W.	+ 1.55
					5 05		9.96
				Mean =	1 16	W.	+ 2.49
Dec. 9 ...	0 25	E.	+ 3.95				
" 9 ...	0 40	E.	+ 3.95	Dec. 15 ...	1 45	E.	+ 2.00
" 9 ...	1 00	E.	+ 3.73	" 15 ...	1 50	E.	+ 1.74
	2 05		See below.	" 15 ...	2 05	E.	+ 2.41
Mean =	0 42	E.	+ 3.91		5 40		6.15
Dec. 9 ...	1 15	W.	+ 3.47	Mean =	1 53	E.	+ 2.05
" 9 ...	1 24	W.	+ 3.12				
" 9 ...	1 40	W.	+ 4.15	Dec. 15 ...	2 28	W.	+ 2.64
" 9 ...	1 50	W.	+ 3.57	" 15 ...	2 40	W.	+ 3.44
	1 29		14.31		68		6.08
Mean =	1 32	W.	+ 3.58	Mean =	2 34	W.	+ 3.04