

TABLE 2.—LEVEL ERROR OF THE TRANSIT INSTRUMENT, MOUNT COOK OBSERVATORY—*continued*.

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. 15 ...	2 45	E.	+ 3.66	Dec. 17 ...	1 50	W.	+ 0.75
" 15 ...	3 00	E.	+ 4.27	" 17 ...	1 58	W.	+ 1.78
" 15 ...	3 10	E.	+ 4.21	" 17 ...	2 05	W.	+ 1.04
" 15 ...	3 25	E.	+ 4.56	" 17 ...	2 35	W.	+ 1.17
	20		.70	" 17 ...	2 40	W.	+ 1.36
Mean =	3 05	E.	+ 4.18		11 08		6.10
Dec. 15 ...	5 27	E.	+ 3.15	Mean =	2 14	W.	+ 1.22
" 15 ...	6 12	E.	+ 2.64	Dec. 18 ...	1 20	E.	+ 1.33
" 15 ...	6 45	E.	+ 1.01	" 18 ...	1 45	E.	+ 2.16
	57		3.65	" 18 ...	1 50	E.	+ 1.45
Mean =	6 28	E.	+ 1.82	" 18 ...	2 05	E.	+ 2.06
Dec. 15 ...	7 05	W.	+ 1.97		7 00		7.00
" 15 ...	7 25	W.	+ 1.71	Mean =	1 45	E.	+ 1.75
	30		3.68	Dec. 18 ...	2 25	W.	+ 2.07
Mean =	7 15	W.	+ 1.84	" 18 ...	2 40	W.	+ 2.26
Dec. 16 ...	1 30	E.	+ 1.65	" 18 ...	3 08	W.	+ 2.10
" 16 ...	1 40	E.	+ 1.42	" 18 ...	3 12	W.	+ 1.68
" 16 ...	1 45	E.	+ 1.87		11 25		8.11
" 16 ...	1 58	E.	+ 1.71	Mean =	2 51	W.	+ 2.03
" 16 ...	2 15	E.	+ 3.15	Dec. 18 ...	3 20	E.	+ 1.55
	9 08		9.80	" 18 ...	5 05	E.	+ 1.52
Mean =	1 50	E.	+ 1.96	" 18 ...	5 25	E.	+ 2.32
Dec. 16 ...	2 25	W.	+ 1.62	" 18 ...	5 40	E.	+ 2.03
" 16 ...	2 40	W.	+ 1.55		19 30		7.42
" 16 ...	3 00	W.	+ 2.10	Mean =	4 52	E.	+ 1.86
" 16 ...	3 35	W.	+ .95	Dec. 18 ...	5 55	W.	+ 2.19
" 16 ...	4 25	W.	+ 2.42	1884.			
" 16 ...	4 45	W.	+ 3.35	Jan. 11 ...	2 55	W.	+ 2.00
" 16 ...	4 55	W.	+ 2.96	" 11 ...	3 12	W.	+ 1.33
" 16 ...	5 25	W.	+ 2.64		6 07		3.33
	31 10		17.59	Mean =	3 04	W.	+ 1.66
Mean =	3 54	W.	+ 2.20	Jan. 11 ...	3 20	E.	+ 1.07
Dec. 16 ...	5 55	E.	+ 2.54	" 11 ...	3 35	E.	+ 1.49
Dec. 17 ...	1 20	E.	+ 3.25	" 11 ...	4 00	E.	+ 2.29
" 17 ...	1 45	E.	+ 1.87		10 55		4.85
	65		5.12	Mean ...	3 38	E.	+ 1.62
Mean =	1 32	E.	+ 2.56	Jan. 11 ...	4 15	W.	+ 2.58