

TABLE 6.

The following Time-signals were exchanged between Sydney Observatory, New South Wales, and Mount Cook Observatory, Wellington, New Zealand.

Sydney sending.	New Zealand receiving.	Difference.	New Zealand sending.	Sydney receiving.	Difference.	Sydney sending.	New Zealand receiving.	Difference.
5TH DECEMBER, 1883.			5TH DECEMBER, 1883.			5TH DECEMBER, 1883.		
H. M. S.	H. M. S.	H. M. S.	H. M. S.	H. M. S.	H. M. S.	H. M. S.	H. M. S.	H. M. S.
2 21 30.13	3 56 03.8	1 34 33.67	4 06 00.0	2 31 28.13	1 34 31.87	2 55 29.70	4 30 03.45	1 34 33.75
40.13	13.8	33.67	11.0	39.20	31.80	—	—	—
50.15	23.7	33.55	21.05	48.96	32.09	—	—	—
2 22 1.13	34.6	33.47	31.0	59.14	31.86	—	—	—
10.13	43.6	33.47	41.0	2 32 9.00	32.00	—	—	—
20.13	53.6	33.47	51.0	18.87	32.13	2 56 19.90	4 30 53.60	33.70
30.20	3 57 03.8	33.60	4 07 00.0	28.00	32.00	30.14	4 31 03.8	33.66
40.14	13.5	33.36	11.0	38.96	32.04	39.86	13.5	33.64
50.11	23.6	33.49	21.05	49.00	32.05	50.02	23.6	33.58
2 23 1.14	34.6	33.46	31.0	58.88	32.12	2 57 1.13	34.55	33.42
10.12	43.5	33.38	41.0	2 33 9.00	32.00	10.15	43.65	33.50
20.11	53.6	33.49	51.0	18.88	32.12	20.02	53.8	33.78
30.12	3 58 03.6	33.48	4 08 00.0	27.86	32.14	30.13	4 32 03.6	33.47
40.13	13.7	33.57	11.0	39.00	32.00	40.19	13.7	33.51
50.13	23.5	33.37	21.05	49.13	31.92	50.14	23.6	33.46
2 24 0.63	34.1	33.47	31.0	58.90	32.10	2 58 1.13	34.6	33.47
10.06	43.6	33.54	41.0	2 34 8.90	32.10	10.14	43.8	33.66
20.00	53.6	33.60	51.0	18.88	32.12	20.15	53.8	33.65
30.12	3 59 03.6	33.48	4 09 00.0	27.88	32.12	30.13	4 33 03.6	33.47
40.14	13.7	33.56	11.0	39.02	31.98	40.14	13.7	33.56
2 25 1.00	34.5	33.50	21.05	49.00	32.05	50.14	23.6	33.46
10.14	43.8	33.66	31.00	59.00	32.00	2 59 1.13	34.5	33.37
20.14	53.7	33.56	41.0	2 35 9.00	32.00	10.20	43.85	33.65
30.00	4 00 03.5	33.50	51.1	19.10	32.00	20.16	53.75	33.59
40.13	13.5	33.37	4 10 00.0	27.87	32.13	—	—	—
50.14	23.7	33.56	11.0	39.10	31.90	40.18	4 34 13.7	33.52
2 26 1.00	34.5	33.50	21.05	49.00	32.05	50.17	23.7	33.53
10.13	43.7	33.57	31.0	58.90	32.10	3 0 1.15	34.65	33.50
20.12	53.6	33.48	41.0	2 36 8.96	32.04	10.14	43.6	33.46
30.12	4 01 03.6	33.48	51.0	19.02	31.98	20.15	53.65	33.50
40.13	13.8	33.67	4 11 00.0	28.14	31.86	—	—	—
50.13	23.5	33.37	11.0	39.00	32.00	40.15	4 35 13.75	33.60
2 27 1.14	34.7	33.56	21.0	48.95	32.05	50.19	23.8	33.61
10.00	43.6	33.60	31.0	59.12	31.88	3 1 1.00	34.45	33.45
20.06	53.6	33.54	41.0	2 37 9.00	32.00	10.14	43.7	33.56
30.00	4 02 03.6	33.60	51.0	19.00	32.00	20.16	53.70	33.54
40.11	13.7	33.59	4 12 00.0	27.90	32.10	30.13	4 36 03.8	33.67
50.14	23.7	33.56	11.0	39.14	31.86	40.13	13.75	33.62
2 28 1.14	34.7	33.56	21.0	49.00	32.00	50.19	23.75	33.56
10.13	43.9	33.77	31.05	58.90	32.15	3 2 1.02	34.45	33.43
20.02	53.7	33.68	41.05	2 38 9.00	32.05	10.14	43.75	33.61
30.02	4 03 03.6	33.58	51.0	18.95	32.05	—	—	—
40.12	13.7	33.58	4 13 00.0	27.90	32.10	30.13	4 37 03.75	33.62
50.13	23.7	33.57	11.05	39.13	31.92	40.15	13.75	33.60
2 29 1.15	35.0	33.85	21.0	49.05	31.95	50.14	23.7	33.56
—	—	—	31.05	58.90	32.15	3 3 1.00	34.65	33.65
—	—	—	41.0	2 39 9.00	32.00	10.13	43.8	33.67
—	—	—	51.0	18.86	32.14	20.13	53.6	33.47
—	—	—	4 14 00.0	28.40	31.60	30.13	4 38 03.7	33.57
—	—	—	11.0	39.00	32.00	—	—	—
—	—	—	21.05	49.00	32.05	50.00	23.65	33.65
—	—	—	31.0	59.00	32.00	3 4 1.11	34.6	33.49
—	—	—	41.0	2 40 9.30	31.70	—	—	—
—	—	—	51.0	19.00	32.00	—	—	—
—	—	—	4 15 00.0	28.00	32.00	—	—	—