Signals from Wellington to Sydney.

No. 2.

Mean of series by New Zealand clock	9 „ 34 „ 52·500
Correction for average time and clock rate combined ...	9 „ 13·269
	9 „ 44 „ 5·769
Mean of signals received on Sydney chronograph ...	8 „ 9 „ 50·488
Longitude	1 „ 34 „ 15·281

No. 3.

Mean of series by New Zealand clock	10 „ 17 „ 30·000
Correction for average time and clock rate combined ...	9 „ 13·269
	10 „ 26 „ 43·269
Mean of signals received on Sydney chronograph ...	8 „ 52 „ 27·929
Longitude	1 „ 34 „ 15·340

No. 4.

Mean series by New Zealand clock	10 „ 30 „ 30·000
Correction for average time and clock rate combined ...	9 „ 13 269
	10 „ 39 „ 43·269
Mean of signals received on Sydney chronograph ...	9 „ 5 „ 27·936
Longitude	1 „ 34 „ 15·333

No. 5.

Mean of series by New Zealand clock	10 „ 44 „ 30·000
Correction for average time and clock rate combined	9 „ 13·269
	10 „ 53 „ 43·269
Mean of signals received on Sydney chronograph	9 „ 19 „ 27·931
Longitude	1 „ 34 „ 15·338

No. 6.

Mean of series by New Zealand clock	10 „ 57 „ 30·000
Correction for average time and clock rate combined	9 „ 13·269
	11 „ 6 „ 43·269
Mean of signals received on Sydney chronograph ...	9 „ 32 „ 27·861
Longitude	1 „ 34 „ 15·408

No. 7.

Mean of series by New Zealand clock	11 „ 10 „ 30·000
Correction for average time and clock rate combined	9 „ 13·269
	11 „ 19 „ 43·269
Mean of signals received on Sydney chronograph ...	94 „ 5 „ 27·868
Longitude	1 „ 34 „ 15·401

No. 8.

Mean of series by New Zealand clock	11 „ 23 „ 30·000
Correction for average time and clock rate combined	9 „ 13·269
	11 „ 32 „ 43·269
Mean of signals received on Sydney chronograph ...	9 „ 58 „ 27·920
Longitude	1 „ 34 „ 15·349

Sydney Observatory, 26th March, 1876.

H. C. Russell,
Government Astronomer.

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