

1876.
NEW ZEALAND.

COMPUTATION OF LONGITUDE BETWEEN SYDNEY AND WELLINGTON,

BY THE ASTRONOMER ROYAL, SYDNEY.

Presented to both Houses of the General Assembly by Command of His Excellency.

The Hon. W. B. D. MANTELL to the Hon. the COLONIAL SECRETARY.

SIR,—

Wellington, 1st May, 1876.

I have the honor to enclose, for the information of the Government, a copy of tables recently received by the Ven. Archdeacon Stock from the Astronomer Royal, Sydney, containing the computations of longitude based on signals exchanged between this Observatory and the Sydney Observatory, by electric cable, on the 26th March ultimo.

The Hon. the Colonial Secretary, Wellington.

I have, &c.,

W. B. D. MANTELL.

Computations of Longitude by Signals sent from Sydney to Wellington, New Zealand, 26th March, 1876.

	H. M.	S.	
No. 1.—	9	29	14.637
	9	13	269
	9	38	27.906
	8	4	11.317
	1	34	16.589
			Longitude.
No. 2.—	9	40	35.250
	9	13	269
	9	49	48.519
	8	15	31.946
	1	34	16.573
			Longitude.
No. 3.—	10	23	35.619
	9	13	669
	10	32	48.888
	9	58	32.331
	1	34	16.557
			Longitude.