TABLE No. 1.—RESULTS OF MEASUREMENTS, KAINGAROA PLAINS BASE, AUCKLAND.

Name of Line.	No. of Section.	No. of Subsection.	No. of Measurement.	No. of Tape.	Edge of Tape.	Date.	Direction of Measurement.	Temperature Range: Deg. Fah.	Weather.	Individual Sections: Measurements at Sea-level.	Weights.	Weighted Means.	Residuals.	Probable Error of Means.	Remarks.
						1913.				Links.		Links.	Links.	Links.	
(38) XLVII—*h* ..	1	1*a*	1	02	B	Feb. 22 ..	S.W.	61–68	S.W. wind, and heavy rain-showers	970·1750	1	970·1750	—·0104		
			2	03	B	„ ..	S.W.	61–68		970·1757	1	970·1757	—·0111		
			3	02	A	Feb. 21 ..	N.E.	62–74	Westerly wind, with heavy rain, stopping work	970·1583	1	970·1583	+·0063		
			4	03	A	„ ..	N.E.	62–74		970·1525	1	970·1525	+·0121		
			5	02	B	April 21 ..	S.W.	60–64	Fine, calm	970·1631	2	1940·3262	+·0015	..	Broken and steep. Steepest grade, 32° 46′ 14″.
			6	03	B	„ ..	S.W.	59–64	„ „	970·1670	2	1940·3340	—·0024		
			7	02	A	„ ..	N.E.	53–64	„ „	970·1637	2	1940·3274	+·0009		
			8	03	A	„ ..	N.E.	54–64	„ „	970·1631	2	1940·3262	+·0015		
											12	19753			
											..	970·1646	..	±·00187	
h—*g* ..	..	1*b*	1	02	B	Feb. 24 ..	S.W.	52–72	S.W. wind, with light showers	3049·0195	1	3049·0195	—·0060		
			2	03	B	„ ..	S.W.	56–72	„ „	3049·0195	1	3049·0195	—·0060		
			3	02	A	Feb. 20 ..	N.E.	63–78	„ „	3049·0085	1·5	4573·5127	+·0050	..	Broken and steep. Steepest grade, 23° 46′ 45″.
			4	03	A	„ ..	N.E.	64–74	„ „	3049·0106	1·5	4573·5159	+·0029		
											5	15245·0676			
											..	3049·0135	..	00200	
g—*f* ..	..	1*c*	1	02	B	Feb. 25 ..	S.W.	61–68	Weather good in forenoon, showery in afternoon	5968·8716	1	5968·8716	—·0137		
			2	03	B	„ ..	S.W.	60–68		5968·8681	1	5968·8681	—·0102		
			3	02	A	Feb. 19 ..	N.E.	68–77	Fine	5968·8441	1	5968·8441	+·0138	..	Level to broken. Steepest grade, 20° 38′ 05″.
			4	03	A	„ ..	N.E.	68–78	„	5968·8479	1	5968·8479	+·0100		
											4	34317			
											..	5968·8579	..	±·00470	
(38) XLVII—*f* ..	1	..	..	..	..	..	..	..	..	..	..	9988·0360	..	±·00544	1 in 1,836,036.
						1913.									
f—*e* ..	2	2*a*	1	02	B	Feb. 26 ..	S.W.	62–76	Fine, with light S.W. wind ..	4829·2692	1	4829·2692	—·0080		
			2	03	B	„ ..	S.W.	62–76	„ „ ..	4829·2570	1	4829·2570	+·0042		
			3	02	A	Feb. 18 ..	N.E.	62–79	Sunshine and cloudy intervals, with light S.W. wind.	4829·2580	1	4829·2580	+·0032	..	Irregular to steep. Steepest grade, 20° 37′.
			4	03	A	„ ..	N.E.	62–78		4829·2606	1	4829·2606	+·0006		
											4	10448			
											..	4829·2612	..	±·00187	