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

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.	
VI—*m* ..	6	6*a*	1	02	B	Mar. 6 ..	S.W.	80–82	Very hot, with light westerly wind	3000·8672	2	6001·7344	—·0049	..	Fairly level, good chaining. Steepest grade, 0° 22′ 22″.
			2	03	B	,, ..	S.W.	80–82		3000·8629	2	6001·7258	—·0006		
			3	02	A	Mar. 18 ..	N.E.	66–70	Strong S.W. wind delayed the measurements	3000·8585	1	3000·8585	+·0038		
			4	03	A	,, ..	N.E.	66–70		3000·8549	1	3000·8549	+·0074		
											6	18005·1736			
											..	3000·8623	..	±·00188	
m—*n* ..	..	6*b*	1	02	B	Mar. 7 ..	S.W.	61–78	Hot, with light westerly winds	4001·3478	2	8002·6956	—·0028	..	Fairly level, good chaining, Steepest grade, 0° 37′ 37″.
			2	03	B	,, ..	S.W.	63–79	,, ,,	4001·3446	2	8002·6892	+·0004		
			3	02	A	Mar. 18 ..	N.E.	66–74	Strong S.W. wind delayed measurements	4001·3441	1	4001·3441	+·0009		
			4	03	A	,, ..	N.E.	66–74		4001·3413	1	4001·3413	+·0037		
											6	24008·0702			
											..	4001·3450	..	±·00092	
n—VII ..	..	6*c*	1	02	B	Mar. 8 ..	S.W.	68–78	Weather hot, with light westerly wind	4001·5632	1·5	6002·3448	—·0006	..	Fairly level, good chaining. Steepest grade, 0° 37′ 48″.
			2	03	B	,, ..	S.W.	68–80		4001·5577	1·5	6002·3366	+·0049		
			3	02	A	Mar. 17 ..	N.E.	71–77	Fair, but westerly wind across tape delayed work at times	4001·5671	1	4001·5671	—·0045		
			4	03	A	,, ..	N.E.	71–76		4001·5646	1	4001·5646	—·0020		
											5	20007·8131			
											..	4001·5626	..	±·00136	
VI—VII ..	6	..	..	..	..	..	..	..	..	..	..	11003·7699	..	±·00250	1 in 4,401,508.
						1913.									
VII—*o*	7	7*a*	1	02	B	Mar. 8 ..	S.W.	81–82	Very hot, with light westerly wind	1800·2724	1	1800·2724	—·0029	..	Fairly level, good chaining. Steepest grade, 1° 28′ 35″.
			2	03	B	,, ..	S.W.	80–82		1800·2714	1	1800·2714	—·0019		
			3	02	A	Mar. 17 ..	N.E.	72–74	Fair, westerly wind	1800·2675	1	1800·2675	+·0020		
			4	03	A	,, ..	N.E.	72–76	,, ,, ...	1800·2667	1	1800·2667	+·0028		
											4	10780			
											..	1800·2695	..	±·00095	
o—*p* ..	..	7*b*	1	02	B	Mar. 10 ..	S.W.	63–70	Overcast, calm, light rain-showers	4538·8491	1·2	5446·6189	—·0045	..	From level to irregular and fairly steep. Steepest grade, 11° 34′ 02″.
			2	03	B	,, ..	S.W.	63–71		4538·8462	1·2	5446·6154	—·0016		
			3	02	A	Mar. 14, 17	N.E.	66–82	14th, light S.W. wind, fine; on the 17th a westerly wind across the tape delayed measurements occasionally	4538·8417	1	4538·8417	+·0029		
			4	03	A	,,	N.E.	66–80		4538·8401	1	4538·8401	+·0045		
											4·4	19970·9162			
											..	4538·8446	..	±·00169	