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.
						1912.				Links.		Links.	Links.	Links.	
IV—*c* ..	4	4*a*	1	02	B	Jan. 28 ..	S.W.	57–74	Sunshine and cloudy, with two hours light rain, S.E. wind	7000·9923	1	7000·9923	—·0044	..	Fairly level, good chaining. Steepest grade, 1° 18′ 17″.
			2	03	B	,, ..	S.W.	58–70		7000·9910	1	7000·9910	—·0031		
			3	02	A	Jan. 30 ..	N.E.	60–78	Hot sunshine, with several heavy showers, S.E. wind	7000·9799	1	7000·9799	+·0080		
			4	03	A	,, ..	N.E.	64–78		7000·9885	1	7000·9885	—·0006		
											4	39517			
											..	7000·9879	..	± ·00188	
c—*v* ..	..	4*b*	1	02	B	Jan. 29 ..	S.W.	60–69	Mostly cloudy, with light S.E. winds	3940·0188	1	3940·0188	+·0007	..	Fairly level, good chaining. Steepest grade, 1° 03′.
			2	03	B	,, ..	S.W.	60–69		3940·0196	1	3940·0196	—·0001		
			3	02	A	,, ..	N.E.	60–64	Part cloudy, with light rain, light N.E. wind	3940·0155	1	3940·0155	+·0040		
			4	03	A	,, ..	N.E.	58–63		3940·0239	1 ..	3940·0239	—·0044		
											4	·0778			
											..	3940·0195	..	± ·00117	
IV—V ..	4	..	..	..	..	..	..	..	..		..	10941·0074	..	± ·00221	1 in 4,950,682.
						1913.									
V—*l* ..	5	5*a*	1	02	B	Mar. 3 ..	S.W.	63–74	Weather fine, light S.W. wind	7001·5008	2	14003·0016	—·0122	..	Fairly level, good chaining. Steepest grade, 1° 25′ 02″.
			2	03	B	,, ..	S.W.	63–72	,, ,, ..	7001·4866	2	14002·9732	+·0020		
			3	02	A	Mar. 5 ..	N.E.	60–78	Latter part of measurements made under difficult weather-conditions of a strong S.W. wind	7001·4794	1	7001·4794	+·0092		
			4	03	A	,, ..	N.E.	60–80		7001·4776	1	7001·4776	+·0110		
											6	42008·9318			
											..	7001·4886	..	± ·00369	
l—VI ..	..	5*b*	1	02	B	Mar. 4 ..	S.W.	52–70	Rising cold S.W. wind ..	4000·9956	1·5	6001·4934	—·0125	..	Fairly level, good chaining, Steepest grade, 0° 53′ 35″.
			2	03	B	,, ..	S.W.	52–68	,, ..	4000·9859	1·5	6001·4788	—·0028		
			3	02	A	,, ..	N.E.	66–72	Strong S.W. wind	4000·9739	1	4000·9739	+·0092		
			4	03	A	,, ..	N.E.	65–73	,, ...	4000·9694	1	4000·9694	+·0137		
											5	20004·9155			
											..	4000·9831	..	± ·00407	
V—VI ..	5	..	..	..	..	..	..	..	..	..	..	11002·4717	..	± ·00549	1 in 2,004,093.