

TABLE NO. 1.—RESULTS OF MEASUREMENTS, MATAMATA BASE, AUCKLAND.

No. of Section.	No. of Measurement.	No. of Tape.	Edge of Tape.	Date.	Direction.	Temperature-Range.	Weather.	Individual Measurements of Sections.	Correction to Sea-level.	Measurements at Sea-level and Means.	Residuals Arithmetical Means.	Probable Errors of Arithmetical Means.	Remarks.
1	1	02	B	1911. January 26, 27 ..	N.-S.	Deg. Fabr. 66-72	26th, dull and calm; 27th, light wind; 28th, very hot, with high wind in afternoon	Links 9330-9487	Links -1111	Links 9330-8376	Links +0034	Links ..	Steepest grade = 23° 15' 24".
	2	03	B	" January 27, 28 ..	N.-S.	64-73		9330-9507	-1111	9330-8396	+0014	..	
	3	02	A	" January 27, 29 ..	S.-N.	68-80		9330-9615	-1111	9330-8504	-0094	..	
	4	03	A	" " ..	S.-N.	68-79		9330-9473	-1111	9330-8362	+0046	..	
2	1	02	B	January 21, 23 ..	N.-S.	73-82	21st, very warm, with strong north-west wind; 23rd, calm, very hot; 24th, mostly calm and very hot, with north-east wind in afternoon	Links 9907-4172	Links -1175	Links 9907-2997	Links +0210	Links ..	1 in 4,241,342.
	2	03	B	" " 24, 25 ..	N.-S.	74-84		9907-4236	-1175	9907-3061	+0146	..	
	3	02	A	" January 24, 25 ..	S.-N.	72-86		9907-4649	-1175	9907-3474	-0267	..	
	4	03	A	" " ..	S.-N.	73-85		9907-4470	-1175	9907-3295	-0088	..	
3	1	02	B	1910. December 5, 6 ..	N.-S.	72-78	Very hot, with light variable winds Dull, with light north-west wind .. " .. " ..	Links 4086-9008	Links -0471	Links 4086-8537	Links +0026	Links ..	1 in 1,338,843.
	2	03	B	" " ..	N.-S.	72-78		4086-9022	-0471	4086-8551	+0012	..	
	3	02	A	" December 6, 7 ..	S.-N.	70-83		4086-9080	-0471	4086-8609	-0046	..	
	4	03	A	" " ..	S.-N.	70-84		4086-9025	-0471	4086-8554	+0009	..	
4	1	02	B	December 5 ..	N.-S.	68-70	Fine, overcast, light south-east wind Warm, overcast .. " .. " ..	Links 4/36135	Links -0471	Links 4/34251	Links +0010	Links ..	Steepest grade = 0° 48' 45".
	2	03	B	" " ..	N.-S.	68-71		4086-9034	-0471	4086-8563	-0008	..	
	3	02	A	December 7 ..	S.-N.	70-79		2620-7769	-0297	2620-7472	-0009	..	
	4	03	A	" " ..	S.-N.	70-76		2620-7788	-0297	2620-7491	-0009	..	
								Links 4/29926	Links -0297	Links 4/29926	Links +0004	Links ..	1 in 6,531,945.
								2620-7779	-0297	2620-7482	..	..	