PAPERS RELATIVE TO THE INTRODUCTION

	B.—RIVERS FI	LOWIN	с то т	THE W	EST	NORTH	ISLAND.
		Average Temperature of				nge of nre of erved.	
Locality.	Date.	Air.	Running Stream.	Ebb Tide.	Flood Tide.	Extreme range of Temperature of Water observed.	Remarks.
Auckland— 6. Waikato Do. Do.	1868. April 11 to 30 May 1 to 31 May 7 to 31	56· 49·5 60·	58. 54. 56.2	55·5	57·0	9·	At Hamilton, Upper Waikato. Do. do. Port Waikato, 1½ mile inside the Bar
Taranaki— 8. Waitara 9. Urunui	April 1 to 30 April 1 to 30	62·5 60·	58·5 60·5	57·5 60·	59·5 61·	14· 16·	At Atkinson's Wharf.
	C.—RIVERS FI	COWIN	G TO T	THE EA	AST.—S	SOUTH	ISLAND.
Canterbury— 10. Waimakariri	March 6 to April 30	59.	53.2	53.5	53.0	20.	At Kaiapoi, about four miles from
11. Avon	March 5 to April 30	5 8·3	55.3			11.3	mouth. At Christchurch, about seven miles
12. Estuary of Avon and Heathcote	March 7 to April 30	61.7	52.0	50.2	53.7	17	from mouth. At Sumner, near the Bar.
	D.—RIVERS FLO	OWING	то т	HE SOU	JTH.—	SOUTH	ISLAND.
. Southland				1	Ī	1	
13. Jacob's River Estuary 14. Mataura	March 18 to April 29 March 9 to May 7	59· 53·	54· 50·	54	54	8· 20·	At Riverton, from a boat or rock. At the Falls.
15. Do	March 10 to May 4	58.	50.5		<u> </u>	13.	At Aralussa.
				Po			
16. Omutu 17. Purrapurrakino	Feb. 23 to April 26 Feb. 23 to April 26	55·5 55·5	52·5 48·5		5· 5·	11.	At Blackwater. At Blackwater.
18. Makarewa	March 14 to April 30	61.5	55.5	5	6.	14.	At Woodburn, New River.
	E.—sea	., EAST	r coas	T.—NO	ORTH I	SLAND	
Locality.	Date.	Average Temperature of				nge of are of erved,	
		Air.	Ebb Tide.	Flood Tide.	Sea.	Extreme range of Temperature of Water observed.	Remarks.
·	1868.	0	0	0	0	0	
19. Open Sea Napier	April 8 to 27 April 8 to 14	69·0 69:5			59·5 58·5	5. 1.	Off Hawke's Bay. At the Wharf.
Open Sea	February 6-12	67·6 70·0			62· 67·	3· 1·	Wellington to Tauranga.
20. Open Sea Tiri Tiri Island	,, 10-13 March 28 to April 30	63.5	65.	65.	65.	5.3	Off Opotiki. Off a rock.
	F.—sea	, west	r coas	T.—NO	DRTH I	SLAND	
Auckland—							
In shore New Plymouth	February 4 April 20-30	60· 58·2	58.7	58·2	64·5 58·5	9.5	Off Manukau. At the landing place, off a boat or rock.
Open Sea	January 27 to 29	66.2			67.		Off Patea.
	G.—sea	, EAST	r coas	T.—so	UTH I	SLAND.	
Canterbury— Little Port Cooper Akaroa	March 8 to 31 March 11 to April 30	63· 62·	61· 59·	59·5 60·	60·2 59·5	10· 12·	At the Pilot Station, from a rock. Two chains from beach, off the Jetty.
Otago— Tairoa's Head	March 3 to April 30	57	54·5	54.5	54.5	5.	At the Lighthouse, from Jetty or rocks
	H.—sea	, west	r coas	T.—so	UTH I	SLAND	
Westland_					1		

Westland—		1	[.	ĺ	[
(Jackson's Bay	May 9 to 31	48.		,	49.	18.) From the survey steamer "St.
21. Cape Campbell	April 24 to 26	51.5	·		54.	14.	Kilda," off the ship's side when
(Flaxbourne	April 19	54.		·	[60.	١) at anchor.