

MEMORANDUM OF TEMPERATURE OBSERVED IN DIFFERENT LOCALITIES.

Date.	Locality.	Depth in Fathoms.	Surface Temperature.	Bottom Temperature.	Atmosphere.
			Degrees.	Degrees.	Degrees.
Mar. 12	Pegasus Bay	22	61	58	67
" 20	Off Ninety-mile Beach	28	58	57	64
April 2	Off Oamaru	35	58	57	65
" 7	Off Otago Peninsula	48	57	56	64
" 8	Off Waikouaiti	13	58	56	66
" 13	Off Coal Point (Otago)	15	57	56½	65
" 18	Off Murray Bay (Stewart Island)	20	57	56	58
" 22	Foveaux Straits, between Codfish Island and Tewaewae Bay	35	57	56	64
" 22	Mason Bay (Stewart Island)	15	58	56	61
May 26	Golden Bay	19	55	56	53
" 26	Tasman Bay	24	56	56	58
" 29	Port Hardy (D'Urville Island)	30	55	56	54
June 4	Off Wanganui	28	56	56	57
" 7	Off Kapiti Island	41	52	55	51

MEMORANDUM OF DISTANCES STEAMED AND TOWED BY S.S. "DOTO" DURING THE TRAWLING EXPEDITION.

Date.	Locality.	Distance towed.	Distance steamed.	Total.
Mar. 7-9	Napier to Lyttelton ... ..	...	334	334
" 10	Pegasus Bay	6	23½	29½
" 12, 13	"	39	67½	106½
" 14	Off Banks Peninsula	10	40½	50½
" 15, 16	Pegasus Bay	26½	20½	47
" 17	Lyttelton to Akaroa ... ..	...	45	45
" 19, 20	Akaroa to Ninety-miles Beach and on to Timaru	47½	118	165½
" 22	Off Timaru	14	55	69
" 23	"	4	7	11
" 26	"	14½	43	57½
" 27	"	10	45½	55½
" 28	"	8½	12½	21
" 29	" ... ..	...	4	4
" 20	Timaru to Oamaru	6	81	87
" 31	Off Oamaru	10	46	56
April 2	"	7½	39	46½
" 3	"	5	22½	27½
" 5	From Oamaru to Dunedin	6	41	47
" 7	Off Port Chalmers	10½	26½	37
" 8	"	8	47	55
" 9	"	13½	57½	71
" 13, 14	From Port Chalmers by Molyneux Bay to Bluff	5	135	140
" 16	Toitoti Bay	6	34½	40½
" 18	From Bluff to Stewart Island	3½	29	32½
" 19	Off Stewart Island	2½	22	24½
" 20	"	3	41	44
" 21	" ... ..	...	51½	51½
" 22	From Stewart Island to Tewaewae Bay	13	49	62
" 23	In Tewaewae Bay and to Bluff	13	32	45
" 24	Bluff to and in Riverton Bay	9	40½	49½
" 27	From Bluff to Wellington by Timaru and Lyttelton	20	520	540
May 5	From Wellington to Cloudy Bay ... ..	...	40	40
" 14	In Cloudy Bay and on to Picton	15½	65½	81
" 15	From Picton to Nelson ... ..	...	84	84
" 16	Nelson to Croiselles Harbour	10½	17	27½
" 17	In Tasman Bay	42	86	128
" 18, 19	To Farewell Spit and in Golden Bay	20½	93½	114
" 22, 23	In Tasman Bay	21½	24	45½
" 24	In Tasman and Golden Bays	6½	33	39½
" 25	"	13	41	54
" 26	Nelson to Port Hardy Inlet	2	50	52
" 28, 29	Port Hardy Inlet to Wanganui	11	73	84
" 30, 31	From Wanganui North to Patea... ..	12	76	88
June 4, 5	From Wanganui down coast to Manawatu	18	23	41
" 6	Manawatu down coast to Wellington	7	58	65
" 7				
	Total	501	2,895	3,396