

WEATHER, TEMPERATURE, OBSERVATIONS, &c., made during the Cruise of the "Nora Niven."

Date.	Time.	Locality.	Temperature, Water		Temperature (Air).	Barometer.	Wind.		Weather Conditions.	Sea.
			Water (surface).	Water (bottom).			Direction.	Force.		
1907.										
June 10	Noon	21 miles S.E. Stewart Island	Deg. Fah. 51	Deg. Fah. 52	Deg. Fah. ..	In. 30	W.	6	Cloudy ..	Heavy sea.
" 11	10 a.m.	" " N.E.	51	51	" ..	29.9	S.W.	4	Overcast	Heavy swell.
" 12	Noon	" " E.S.E. from Bluff	51	51.2	" ..	29.8	S.W.	4	"	Heavy S. swell.
" 13	"	" " E. Stewart Island	51.5	52	54	29.8	S.W.	4	Cloudy ..	"
" 14	"	" " Paterson Inlet ..	52.2	52	43	29.4	S.W.	8	Heavy cold showers	Very rough.
" 15	9 a.m.	" " "	52	52	36	29.3	S.W.	8	Snow; cold showers	"
" 16	Noon	" " "	51	52	41	29.4	S.W.	6	Rain-showers	Rough.
" 17	"	" " Bluff ..	51	52	43	29.7	W.	2	Light showers	Calm.
" 18	2 p.m.	" " Foveaux Strait	53	52	48	30	E.	2	"	"
" 19	"	" " S. of Chasland's Mistake	51	52	47	30.2	E.	2	"	"
" 20	Noon	" " Off Nugget Point	50	45	42	30.35	W.	2	"	"
" 21	"	" " "	50.4	46	46	30.4	W.	4	Cloudy; very cold	Choppy.
" 22	"	" " 10 miles S. of Cape Saunders	51	48	53	30.2	S.W.	4	Cloudy ..	Smooth S. roll.
" 23	"	" " Off Blueskin Bay	50.4	49	49	30.29	S.	6	Passing clouds; cold	"
" 24	1 p.m.	" " 10 miles W.S.W. Otago Heads	50.4	48	50	30.15	S.W.	4	Fine ..	Choppy; heavy swell.
" 25	11 a.m.	" " 12 " N.E.	51	48	49	30.1	W.	2	Fine ..	Calm S. roll.
" 26	Noon	" " Blueskin Bay ..	49	49	53	30	Calm	2	Fine and clear	Slight E. swell.
July 1	11 a.m.	" " Off Shag Point ..	49	48	54	29.9	Light S.	1	"	"
" 2	1 p.m.	" " 16 miles E. of Oamaru ..	49	49	49	29.6	N.	3	Fine; light clouds	Light N.E. swell.
" 3	Noon	" " 18 miles E.N.E. of Oamaru	50	50	54	29.66	N.	1	Fine and clear	"
" 4	12.30 p.m.	" " S.E. of Oamaru	49	49	46	29.68	N.	1	"	"
" 5	2 p.m.	" " 54 miles E. of Timaru ..	50	49	52	29.9	N.N.E.	4	"	Moderate swell.
" 6	1 p.m.	" " 5 miles N.E. of Timaru ..	46	48	50	29.7	Calm	7	Cloudy ..	S.S.E., moderately high.
" 9	"	" " Off Akaroa ..	48	49	" ..	29.72	S.S.E.	8	"	S.S.E., high.
" 10	3 p.m.	" " N. of Long Lookout Point	46	48	" ..	29.9	S.	2	Fair and clear	moderate.
" 11	11.30 a.m.	" " N.E. of Akaroa ..	52	49	52	29.40	N.	2	"	"
" 12	2.30 p.m.	" " N.E. of Lyttelton ..	48	49	52	30.52	E.	1	"	S.E., moderate.
" 18	"	" " N.N.E. of Cape Campbell	50	49	50	30.42	N.W.	1	"	Slight E. swell.
" 19	11.30 a.m.	" " Cloudy Bay ..	48	50	54	29.9	E.S.E.	1	"	Smooth.
Aug. 12	Noon	" " Off Pencarrow Head	50	50	50	29.72	N.W.	2	Cloudy ..	Smooth.
" 13	11 a.m.	" " Palliser Bay ..	49	50	54	29.6	E.S.E.	5	"	Smooth.
" 14	1.30 p.m.	" " Off Aohanga River ..	54	"	48	29.7	N.W.	1	"	E.N.E., moderate.
" 15	4.15 p.m.	" " 5 miles S. of Bare Island	55	"	56	29.62	N.W.	5	"	"
" 19	1.45 p.m.	" " N. of Kidnappers ..	55	54	56	29.88	W.N.W.	5	Clear ..	E., light
" 21	1.20 p.m.	" " S. of East Cape ..	57	58	55	30	S.	6	"	S. and S.E.
" 22	10.15 a.m.	" " Off Cape Runaway	57	58	58	29.5	S.W.	2	"	Smooth.
" 23	1.20 p.m.	" " N. of Cape Runaway	57	57	56	29.5	S.W.	3	Cloudy ..	N.N.W. swell.
" 25	2 p.m.	" " E. of White Island	56	58	56	29.82	S.W.	5	Clear ..	Westerly swell.
" 30	1 p.m.	" " E. of Whale Island	56	57	57	29.90	N.W.	5	Cloudy, and constant rain	N.W., moderate.

The following scale is used above for indicating the force of the wind:—

Calm	0	Fresh breeze	5
Light air	1	Strong breeze	6
Light breeze	2	Moderate gale	7
Gentle breeze	3	Fresh gale ..	8
Moderate breeze	4		