

rising to 33° or 34° at 300 fathoms. At a short distance from the pack, but when surrounded by icebergs, the surface temperature was generally about 32°, but decreased to 29° at a depth of 40 fathoms, and retained that temperature to nearly 300 fathoms as in the pack.

Table of Temperatures obtained in the Antarctic Regions.

Depth in Fathoms.	14th February. Lat. 65° 42' S.				19th February. Lat. 64° 37' S.				21st February. Lat. 63° 30' S.				26th February. Lat. 62° 26' S.				11th February. Lat. 60° 52' S.				3rd March. Lat. 53° 55' S.			
	Before Immersion.	Maximum.	Minimum.	Accepted Result.	Before Immersion.	Maximum.	Minimum.	Accepted Result.	Before Immersion.	Maximum.	Minimum.	Accepted Result.	Before Immersion.	Maximum.	Minimum.	Accepted Result.	Before Immersion.	Maximum.	Minimum.	Accepted Result.	Before Immersion.	Maximum.	Minimum.	Accepted Result.
Surface	•	•	•	29.5	•	•	•	32.0	•	•	•	32.0	•	•	•	33.0	•	•	•	34.5	•	•	•	37.2
10	-	-	-	-	-	-	-	-	32.0	32.0	31.5	31.5	-	-	-	-	35.5	35.5	34.0	34.0	40.0	40.5	36.8	36.8
20	-	-	-	-	-	-	-	-	32.0	32.0	31.0	31.0	-	-	-	-	35.8	35.8	33.5	33.5	42.0	42.0	36.8	36.8
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	35.0	35.0	30.0	30.0	-	-	-	-	-	-	-	-	40.8	40.5	36.6	36.6
40	-	-	-	-	-	-	-	-	32.5	32.5	29.3	29.3	-	-	-	-	-	-	-	-	41.0	41.0	36.6	36.6
50	{ 30.2 30.2	{ 30.0 30.5	{ 29.0 29.0	{ 29.0	31.4	32.0	29.2	29.2	32.5	32.5	29.3	29.3	-	-	-	-	35.5	35.6	32.0	32.2	41.0	41.0	36.6	36.6
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.5	36.5	32.2	32.2	40.5	40.5	36.6	36.6
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.0	35.2	32.2	32.2	41.5	41.5	33.0	33.0
80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34.5	34.5	32.5	32.2	42.5	42.0	32.5	32.5
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.0	34.8	32.8	32.2	42.0	42.0	32.5	32.5
100	{ 30.2 30.2	{ 30.0 30.5	{ 29.0 29.0	{ 29.0	31.6	31.8	29.0	29.0	-	-	-	-	{ 31.8 32.0 32.5	{ 31.8 32.0 32.8	{ 31.8 32.0 31.8	{ 31.9	{ 35.0 35.0 35.8	{ 34.0 34.8 32.0	{ 32.0	{ 40.8 43.0	{ 42.5 43.2	{ 32.7 32.8	{ 32.5	
150	-	-	-	-	-	-	-	-	-	-	-	-	{ 33.5 33.0	{ 34.0 34.0	{ 32.0 32.0	{ 31.0	{ 35.5 36.0	{ 31.8	35.0	-	-	-	-	
200	{ 30.2 30.2	{ 30.5 30.5	{ 29.0 28.8	{ 30.5	-	-	-	-	-	-	-	-	{ 31.0 32.5	{ 34.0 34.0	{ 31.0 31.8	{ 34.0	{ 34.0 35.5	{ 35.0 35.8	{ 32.0 32.0	{ 35.3	42.5	43.0	33.0	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	{ 30.2 30.2	{ 32.0 32.0	{ 29.0 29.0	{ 32.0	33.0	33.8	29.4	33.8	-	-	-	-	-	-	-	-	34.0	35.5	32.2	35.3	42.5	42.5	33.0	-
400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.8	43.0	32.6	-
500	{ 30.2 30.2	{ 32.8 32.8	{ 29.0 28.8	{ 32.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.5	42.5	32.8	-
Bottom	{ 30.0 30.0	{ 33.0 33.0	{ 28.8 28.8	{ Uncertain.	{ 31.0 31.5	{ 32.9 33.0	{ 29.3 29.0	{ Uncertain.	-	-	-	-	-	34.0	31.3	{ Uncertain.	{ 41.0 41.0	{ 41.0 41.0	{ 32.0 33.0	{ Uncertain.	{ 41.0 41.0	{ 41.0 41.0	{ 32.0 32.2	{ 32.1

Density of the Sea Water.—The observations of the density of the water in this part of the cruise are of considerable interest. They are collected in the following table, which contains all the observations made on water from the bottom or intermediate