

APPENDIX C.

Table of Specific-gravity Observations taken between Bahia and the Cape of Good Hope during the Months of September and October, 1873.

Date, 1873.	Latitude South.	Longitude West.	Depth of the Sea.	Depth (f) at which the Water was taken.	Temperature (°) at s.	Temperature (°) during Observation.	Specific Grav-ity at 15° S. Water at 4° = 1.	Specific Grav-ity at 15° S. Water at 4° = 1.	Specific Grav-ity at 15° S. Water at 4° = 1.
Sept. 26	13° 45'	37° 59'	F'ms.	Fathoms. Surface.	25°·1 C.	25°·0 C.	1·02514	1·02776	1·02512
27	14 51	37 1	....	"	25·3	25·6	1·02487	1·02770	1·02498
28	17 7	36 50	....	"	24·7	24·9	1·02517	1·02775	1·02520
29	19 6	35 40	....	"	23·6	24·0	1·02530	1·02761	1·02550
30	20 13	35 19	2150	"	23·4	24·3	1·02518	1·02757	1·02546
"	....	....	....	50	....	23·9	1·02509	1·02736	....
"	....	....	....	100	17·3	23·9	1·02509	1·02736	1·02690
"	....	....	....	200	11·0	23·8	....	1·02736	1·02834
"	....	....	....	300	6·6	24·8	1·02328	1·02558	1·02712
"	....	....	....	400	4·2	23·9	....	1·02558	1·02741
Oct. 1	22 15	35 37	....	Surface.	22·8	22·9	1·02547	1·02774	1·02548
2	24 43	34 17	....	"	21·0	21·5	1·02562	1·02717	1·02574
3	26 15	32 56	....	"	21·0	21·6	1·02546	1·02703	1·02560
"	....	....	....	4	....	21·4	1·02552	1·02704	....
"	....	....	....	50	....	21·7	1·02523	1·02682	....
"	....	....	....	100	15·0	21·5	1·02496	1·02649	1·02660
"	....	....	....	200	12·1	21·5	1·02454	1·02608	1·02679
"	....	....	....	300	7·5	21·6	1·02416	1·02573	1·02719
"	....	....	....	400	5·1	21·5	1·02402	1·02554	1·02727
"	....	....	2350	Bottom.	0·8	21·5	1·02552	1·02706	1·02916 ?
4	27 43	31 3	....	Surface.	19·4	20·1	1·02588	1·02702	1·02603
5	29 1	28 59	....	"	18·9	19·4	1·02573	1·02690	1·02601
6	29 35	28 9	2275	"	18·3	19·1	1·02575	1·02665	1·02593
"	....	....	....	100	16·0	18·5	1·02555	1·02629	1·02616
"	....	....	....	200	11·6	18·5	1·02528	1·02602	1·02683
"	....	....	....	300	9·2	18·6	1·02489	1·02565	1·02687
"	....	....	....	400	5·4	18·7	1·02462	1·02540	1·02715
"	....	....	....	1000	2·5	18·7	1·02494	1·02572	1·02767
7	29 11	26 25	....	Surface.	18·3	18·7	1·02576	1·02654	1·02581
8	31 22	26 54	....	"	16·6	16·8	1·02608	1·02638	1·02610
9	33 57	24 33	....	"	14·8	15·4	1·02652	1·02648	1·02660
10	35 25	23 40	....	"	14·6	15·3	1·02615	1·02609	1·02630
"	....	....	....	100	13·3	15·9	1·02605	1·02613	1·02659
"	....	....	....	200	10·2	15·6	1·02570	1·02571	1·02676
"	....	....	....	300	6·4	16·0	1·02532	1·02543	1·02703
"	....	....	....	400	4·2	16·0	1·02535	1·02541	1·02725
"	....	....	2050	Bottom.	1·1	15·9	1·02572	1·02580	1·02784
11	35 41	20 55	....	Surface.	13·9	15·2	1·02624	1·02617	1·02648
"	....	....	1900	Bottom.	1·3	14·6	1·02598	1·02577	1·02786
12	36 10	17 52	....	Surface.	12·7	13·2	1·02640	1·02590	1·02648
13	36 7	14 27	....	"	12·0	12·3	1·02653	1·02585	1·02658
14	36 12	12 18	....	"	12·8	13·0	1·02660	1·02606	1·02661
"	....	....	2025	Bottom.	1·6	11·5	1·02656	1·02573	1·02775
19	37 5	9 40	....	Surface.	12·0	12·5	1·02676	1·02612	1·02684
20	36 43	7 13	....	"	12·2	13·0	1·02660	1·02606	1·02677
"	....	....	....	100	11·2	13·9	1·02623	1·02586	1·02676
"	....	....	....	200	9·5	13·9	1·02605	1·02568	1·02685
"	....	....	....	300	6·2	13·9	1·02579	1·02542	1·02703
"	....	....	....	400	4·0	13·8	1·02574	1·02535	1·02722