

APPENDIX C.

Specific-gravity Observations taken between St. Thomas, Bermudas, and Halifax, during the Months of March, April, and May, 1873.

Date, 1873.	Latitude North.	Longitude West.	Depth of the Sea.	Depth (d.) at which Water was taken.	Temperature (°.) at d.	Temperature (°.) during Observation.	Specific Grav-ity at 1', Water at 4° = 1 C.	Specific Grav-ity at 15' 5", Water at 4° = 1 C.	Specific Grav-ity at 1', Water at 4° = 1 C.
March 25	St.Thos.	.....	F'ms.	Fathoms.	25° 0 C.	25° 7 C.	1.02432	1.02714	1.02467
" 20	19° 41'	65° 7'	3870	Surface.	.....	23 7	1.02418	1.02647	1.02845
" 27	21 21	65 12	2800	Bottom.	24 4	25 2	1.02435	1.02702	1.02456
" 28	22 49	65 19	2960	Surface.	25 2	25 4	1.02441	1.02713	1.02434
" 29	24 39	65 25	2850	Bottom.	.....	24 3	1.02363	1.02600	1.02798
" 30	26 26	65 18	.....	Surface.	1 5	24 7	1.02358	1.02607	1.02805
" 31	27 49	64 59	2700	Bottom.	25 1	25 2	1.02453	1.02720	1.02455
"	.....	.....	.....	Surface.	1 67	25 2	1.02351	1.02616	1.02814
"	.....	.....	.....	Surface.	24 3	25 0	1.02459	1.02719	1.02478
"	.....	.....	.....	Bottom.	23 8	24 2	1.02504	1.02737	1.02507
"	.....	.....	.....	100	22 3	23 4	1.02534	1.02746	1.02536
"	.....	.....	.....	200	1 67	22 6	1.02427	1.02615	1.02814
"	.....	.....	.....	300	17 72	23 9	1.02563	1.02788	1.02733
"	.....	.....	.....	400	17 00	23 6	1.02498	1.02716	1.02679
"	.....	.....	.....	500	14 33	24 1	1.02447	1.02679	1.02714
April 1	29 5	65 1	2600	Surface.	10 62	23 4	1.02435	1.02647	1.02744
" 2	29 42	65 7	.....	Bottom.	6 84	22 6	1.02432	1.02620	1.02773
" 3	31 49	64 55	2475	Surface.	22 2	24 1	1.02510	1.02741	1.02564
" 22	32 26	65 9	2450	Bottom.	1 8	23 1	1.02606	1.02780	1.02980
" 25	33 4	66 33	2600	Surface.	21 0	22 1	1.02564	1.02737	1.02595
" 26	34 11	67 37	.....	Bottom.	1 7	20 5	1.02527	1.02653	1.02852
" 27	34 3	67 32	2850	Surface.	1 8	21 2	1.02464	1.02608	1.02807
" 28	34 51	68 30	2675	Bottom.	21 0	21 7	1.02571	1.02731	1.02588
" 29	36 5	69 54	.....	Surface.	20 3	20 7	1.02585	1.02714	1.02592
" 30	35 58	70 39	2425	Bottom.	21 1	21 7	1.02566	1.02729	1.02584
May 1	36 23	71 51	.....	Surface.	18 6	18 4	1.02635	1.02707	1.02627
" 2	37 25	71 40	1700	Bottom.	18 3	18 0	1.02642	1.02704	1.02633
" 3	38 34	72 10	1250	Surface.	20 8	18 1	1.02637	1.02702	1.02563
" 5	39 50	69 14	.....	Bottom.	19 2	19 5	1.02605	1.02708	1.02615
" 6	40 17	66 48	1250	Surface.	18 3	17 6	1.02647	1.02697	1.02626
" 7	41 15	65 45	1340	Bottom.	1 8	18 0	1.02609	1.02671	1.02869
" 20	43 3	63 39	83	Surface.	23 9	22 8	1.02486	1.02675	1.02445
" 21	42 10	63 39	1250	Bottom.	13 3	14 4	1.02566	1.02538	1.02584
" 22	41 19	63 11	2020	Surface.	9 7	10 6	1.02603	1.02504	1.02613
" 23	39 44	63 22	2800	Bottom.	7 8	11 1	1.02652	1.02561	1.02701
" 26	36 30	63 40	2650	Surface.	5 6	6 1	1.02568	1.02407	1.02576
" 27	34 51	63 59	2650	Bottom.	6 0	6 2	1.02582	1.02422	1.02586
" 28	33 20	64 37	2500	Surface.	1 7	5 6	1.02570	1.02406	1.02576
"	.....	.....	.....	Bottom.	4 7	6 0	1.02520	1.02357	1.02536
"	.....	.....	.....	Surface.	8 1	8 6	1.02582	1.02453	1.02588
"	.....	.....	.....	Bottom.	2 7	10 6	1.02645	1.02538	1.02735
"	.....	.....	.....	Surface.	1 5	11 8	1.02669	1.02588	1.02786
"	.....	.....	.....	250	15 1	15 1	1.02635	1.02625	1.02633
"	.....	.....	.....	500	6 5	12 5	1.02662	1.02598	1.02755
"	.....	.....	.....	Surface.	3 75	12 7	1.02652	1.02591	1.02780
"	.....	.....	.....	Bottom.	19 7	20 1	1.02601	1.02719	1.02610
"	.....	.....	.....	100	18 15	19 9	1.02602	1.02712	1.02642
"	.....	.....	.....	200	16 2	19 8	1.02588	1.02695	1.02678
"	.....	.....	.....	300	1 5	19 8	1.02596	1.02702	1.02900
"	.....	.....	.....	400	1 8	22 3	1.02526	1.02700	1.02898
"	.....	.....	.....	500	16 8	23 7	1.02497	1.02718	1.02684
"	.....	.....	.....	Surface.	22 8	23 9	1.02489	1.02714	1.02518
"	.....	.....	.....	Bottom.	21 7	22 8	1.02527	1.02721	1.02558
"	.....	.....	.....	Surface.	21 4	21 4	1.02529	1.02716	1.02563