

O B S E R V A T I O N S

F O R

Determining the Quantity of SALT in SEA WATER, on different
Parts of the Globe.

1776.	Weight of a Quantity of Sea Water contained in the Bottles A. and B.		Quantity of Salt in Parts of the Whole.		Thermo- meters.		Latitude in.	Longitude in.	Remarks.
	A.	B.	A.	B.	In Water.	In Air.			
	oz. dwt. grs.	oz. dwt. grs.			°	°			
July 13.	3 5 0	3 6 17	,0341	,0339	59	64½	In Plymouth Sound		
Aug. 9.	3 5 2	3 6 18	,0376	,0365	68	69	39 10 N	11 30 W	
—14.	3 5 1	3 6 17	,0376	,0365	72	74	33 7	17 15	
—22.	3 4 23½	3 6 15	,0367	,0353	75	76½	21 0	22 30	
Sept. 9.	3 5 0	3 6 16	,0377	,0365	77½	78	4 16	13 40	
—13.	3 4 23½	3 6 16	,0271	,0367	76½	77½	1 50	12 0	
—21.	3 4 23	3 6 16	,0362	,0361	74	75½	5 5 S	19 10	
—30.	3 5 0	3 6 17	,5366	,0365	72	73	20 0	24 20	
Oct. 20.	3 5 1	3 6 18½	,0349	,0352	59	54½	33 41	1 30	
—28.	3 5 2	3 6 19	,0361	,0358	60	60	33 59	11 18 E	
Dec. 17.	3 5 4	3 6 21½	,0345	,0347	44	40½	48 30	55 36	
1777.									
Jan. 7.	3 5 2½	3 6 21	,0339	,0347	46½	46½	48 18	94 41	
—22.	3 5 3	3 6 21½	,0365	,0374	58	57½	43 28	143 20	
Feb. 4.	3 5 2½	3 6 20	,0365	,0366	60	58½	43 40	159 30	
Mar. 2.	3 5 2	3 6 21	,0367	,0376	61	60½	42 35	179 35 W	
—10.	3 5 1	3 6 20½	,0370	,0376	63	67½	39 23	164 45	
—22.	3 4 23	3 6 18½	,0363	,0383	74½	76½	26 8	159 10	
April 7.	3 4 22	3 6 16	,0363	,0354	72½	83	19 29	161 30	
June 18.	3 4 23	3 6 17½	,0365	,0376	75½	80½	21 8	175 16	
July 20.	3 4 23	3 6 17	,0356	,0362	71	69	22 32	173 13	
Aug. 7.	3 4 23	3 6 16½	,0353	,0357	69½	66½	25 8	150 43	
Dec. 22.	3 4 22	3 6 17	,0358	,0374	77	75	0 24 N	156 56	
1778.									
Feb. 14.	3 5 0	3 6 19	,0351	,0366	64	62	31 33	154 12	
—20.	3 5 0	3 6 19½	,0332	,0351	54	58	38 10	152 15	
—28.	3 5 0	3 6 18½	,0321	,0333	49½	51½	44 47	131 45	
Mar. 19.	3 5 0	3 6 19	,0322	,0333	48	50	44 44	125 42	
Apr. 20.	3 4 14	3 6 7	,0232	,0232	48½	47			At time of low water.
	3 4 11½	3 6 5	,0211	,0217	49	48	49 36	126 33	At time of high water.
	3 3 10	3 5 3	,0000	,0000	44	45			Fresh water.
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