

*Directions for the use of the following Tide-Table, sent by J. F. M. R. & R. S. S. to the Publisher.*

SIR,

HAVING found my two last years Tide Tables very agreeable to Experience. I here present you with another for the year ensuing made by the same Theory and Numbers. I must only desire those that use it, to note.

That when by reason of long droughts in Summer, or continual hard Frosts in Winter, the fresh Waters are low, as also when the winds blow hard at N. or N. W. the Tides may hold up longer than the times shew'd in the Table.

But when the contrary winds blow hard, or by reason of great Rains the Freshes are increased, they hold not out so long: yet have I very rarely found the difference more than half an hour.

I find by enquiry made amongst our most experienced Seamen, that the high Waters of our English and Neighbour Ports keep a good correspondence with these of the River of *Thames*; Having therefore instructed my self the best I could by conference with them, I have made the following Table of Reduction, whereby the Tide Table may  
be

be made to serve at the places underwritten,  
by Adding,

	<i>h. m.</i>
For <i>Tinmouth-baven, Hartlepool, and Amsterdam</i>	0 30
<i>Brest</i>	1 00
<i>Sylly</i>	1 45
<i>Bridlington-Peer and Humber</i>	2 00
<i>Pensans, Weymouth, Hamburgh, and Hull</i>	3 30
<i>Lanion and Foulness</i>	4 10
<i>Bridgewater, Landjend and Texel</i>	4 45
<i>Portland, Hareflew, and without the Olie</i>	5 40

And Subtracting.

For <i>Leith, Maes, and Gouries Gut</i>	0 15
<i>Gravesend, Rochester and Rammikins</i>	1 00
<i>Buoy of the Nore, and Flushinghead</i>	1 20
<i>Shooe Beacon, Redsand, Portsmouth, Ostend</i>	2 30
<i>Spithead, Harwich, Dover, Calice and Dublin</i>	3 00
<i>Orfordnefs, Gunfleet, Hastings, Shoreham and Diep</i>	4 00
<i>Needles, and Yarmouth Peer</i>	4 40
<i>St. Hellens and Haverdegrace</i>	5 30

The Table is Printed in a single half Sheet by it self for the use of those that desire to have it alone, and is to be sold by Mr. *Baker* at the Sign of the *Three Pigeons* in *St. Paul's Church-yard, London.*

**A Correct TIDE TABLE, shewing the true times of the High-Waters at Lo  
to every Day in the Year 1685. By F. F. M. R. & R. S. S.**

D	Jan.		Febr.		March.		April.		May.		June.		July.		August.		Sept.		Octob.				
	H.	M.	H.	M.	M.	H.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.			
1	M	6 09	6 47	5 30	6 45	7 21	8 44	9 06	11 23	1 02	1 33	2	M	6 51	7 38	6 14	7 45	8 23	9 50	10 20	0 02	1 54	2 14
	A	6 29	7 12	5 50	7 14	7 51	9 16	9 41					1 29	A	7 15	8 07	6 39	8 18	8 55	10 23	10 58	0 38	2 15
3	M	7 39	8 38	7 06	8 52	9 28	10 58	11 37	1 13	2 36	2 49	4	M	8 03	9 43	8 05	10 00	10 34		0 15	2 10	3 10	3 20
	A	8 05	9 10	7 34	9 27	10 00	11 31		1 44	2 54	3 05		A	9 01	10 17	8 39	10 35	11 06	0 05	0 51	2 33	3 23	3 35
5	M	9 29	10 51	9 14	11 09	11 38		0 39	1 25	2 53	3 40	6	M	10 30		10 25		0 09	1 43	2 23	3 28	4 09	4 19
	A	9 59	11 27	9 50	11 42		1 12	1 55	3 11	3 54	4 04		A	11 02	0 00	11 01	0 13	0 39	2 12	2 48	3 44	4 24	4 36
7	M	11 33	0 32	11 35	0 43	1 08	2 39	3 09	3 59	4 39	4 53	8	M	0 05	1 30	0 07	1 37	2 04	3 23	3 47	4 30	5 12	5 34
	A		1 02		1 10	1 37	3 02	3 28	4 14	4 55	5 12		A	0 34	1 55	0 37	2 02	2 30	3 44	4 05	4 45	5 33	5 56
9	M	1 03	2 19	1 06	2 25	2 53	4 05	4 21	5 01	5 54	6 22	10	M	1 03	2 41	1 33	2 46	3 15	4 25	4 38	5 20	6 18	6 49
	A	1 30	2 41	1 33	2 46	3 15	4 25	4 38	5 20	6 18	6 49		A	1 56	3 00	1 59	3 06	3 36	4 45	4 56	5 39	6 43	7 17
11	M	2 41	3 34	2 42	3 45	4 17	5 27	5 34	6 20	7 40	8 20	12	M	2 01	3 50	3 02	4 05	4 39	5 49	5 53	6 43	7 11	7 47
	A	3 01	3 50	3 02	4 05	4 39	5 49	5 53	6 43	7 11	7 47		A	2 20	3 17	2 22	3 26	3 56	5 05	5 14	5 58	6 54	7 47
13	M	3 19	4 07	3 20	4 25	5 02	6 13	6 14	7 09	8 45	9 24	14	M	3 36	4 24	3 37	4 46	5 27	6 36	6 35	7 36	8 19	8 56
	A	3 36	4 24	3 37	4 46	5 27	6 36	6 35	7 36	8 19	8 56		A	3 53	4 41	3 54	5 10	5 53	7 02	7 23	8 05	9 05	10 29
15	M	4 26	5 22	4 31	5 35	6 18	7 20	7 23	8 09	9 54	10 29	16	M	4 42	5 45	4 51	6 35	7 18	8 20	8 17	9 43	11 02	11 33
	A	4 42	5 45	4 51	6 35	7 18	8 20	8 17	9 43	11 02	11 33		A	5 01	6 11	5 14	7 08	7 46	8 46	8 46	10 17		0 03
17	M	5 01	6 01	5 09	6 41	7 17	8 13	8 15	9 15	10 51	0 08	18	M	5 20	6 39	5 39	7 41	8 17	9 13	9 15	10 51	0 08	0 31
	A	5 20	6 39	5 39	7 41	8 17	9 13	9 15	10 51	0 08	0 31		A	5 41	7 11	6 07	8 16	8 47	9 40	9 46	11 26	0 35	0 59
19	M	6 29	7 25	6 38	8 50	9 16	10 08	10 17	11 58	1 03	1 24	20	M	6 04	7 45	6 38	8 50	9 16	10 08	10 17	11 58	1 03	1 24
	A	6 57	8 25	7 12	9 23	9 55	10 13	11 07	11 20	0 29	1 52		A	7 27	8 40	7 23	10 27	11 07					
21	M	7 27	8 23	7 24	9 29	10 39	11 36	11 52	0 58	2 13	2 55	22	M	8 00	9 00	8 00	10 58	11 07			1 25	2 35	2 55
	A	8 00	9 00	8 00	10 58	11 07			1 25	2 35	2 55		A	8 35	10 58	9 37	11 27	11 35	0 03	0 22	1 49	2 53	3 15
23	M	9 13	10 35	9 14	11 54		0 03	0 52	2 13	3 11	3 43	24	M	9 13	11 35	10 14	11 54		0 30	0 52	2 13	3 11	3 43
	A	9 13	11 35	10 14	11 54		0 30	0 52	2 13	3 11	3 43		A	10 31	0 09	11 23	0 20	0 26	1 23	1 46	2 52	3 45	4 14
25	M	11 10	0 41	11 54	0 44	1 13	2 10	2 32	3 25	4 03	4 35	26	M	11 48	1 10		1 07	1 13	2 10	2 32	3 25	4 21	4 57
	A	11 48	1 10		1 07	1 13	2 10	2 32	3 25	4 21	4 57		A		1 36	0 24	1 29	1 36	2 31	2 50	3 41	4 40	5 23
27	M	0 25	2 00	0 50	1 48	1 57	2 51	3 09	3 57	5 02	5 50	28	M	0 25	2 00	0 50	1 48	1 57	2 51	3 09	3 57	5 02	5 50
	A	0 25	2 00	0 50	1 48	1 57	2 51	3 09	3 57	5 02	5 50		A	0 59	2 20	1 14	2 08	2 17	3 10	3 25	4 13	5 27	6 21
29	M	1 29	2 40	1 37	2 26	2 36	3 27	3 41	4 30	5 53	6 54	30	M	1 29	2 40	1 37	2 26	2 36	3 27	3 41	4 30	5 53	6 54
	A	1 29	2 40	1 37	2 26	2 36	3 27	3 41	4 30	5 53	6 54		A	1 56	2 57	1 58	2 44	2 50	3 44	3 57	4 47	6 23	7 26

rs at London-Bridg,

Octob.		Novem.		Decem.	
M.	H.	M.	H.	M.	H.
33	2	21	2	27	2
54	2	39	2	46	2
14	2	57	3	04	3
32	3	13	3	21	3
49	3	28	3	38	3
05	3	44	3	54	3
20	4	01	4	10	4
35	4	17	4	26	4
49	4	34	4	43	4
04	4	52	5	01	5
19	5	12	5	20	5
36	5	34	5	40	5
53	5	55	6	02	6
12	6	19	6	25	6
34	6	44	6	49	6
56	7	12	7	14	7
22	7	41	7	40	7
49	8	09	8	08	8
17	8	40	8	38	8
47	9	11	9	10	9
20	9	41	9	41	9
52	10	13	10	16	10
24	10	45	10	50	10
56	11	15	11	26	11
29	11	45		0	
01				01	
33	0	17	0	36	0
	0	47	1	10	1
05	1	15	1	43	1
31	1	45	2	12	2
59	2	10	2	39	2
24	2	35	3	04	3
48	2	58	3	25	3
12	3	20	3	46	3
34	3	42	4	06	4
55	4	04	4	25	4
15	4	25	4	45	4
43	4	47	5	05	5
54	5	10	5	27	5
14	5	36	5	47	5
35	6	02	6	10	6
57	6	29	6	33	6
23	6	57	6	58	6
50	7	26	7	22	7
21	7	55	7	47	7
54	8	25	8	14	8
26	8	52	8	42	8

	N	2 21	3 13	2 17	3 00	3 12	4 00	4 13	5 08	6 56	8 00
25	M	2 042	3 27	2 34	3 16	3 28	4 17	4 28	5 30	7 29	8 35
	A	3 01	3 42	2 51	3 31	3 46	4 33	4 45	5 54	8 08	9 10
26	M	3 19	3 55	3 06	3 47	4 02	4 50	5 03	6 22	8 46	9 42
	A	3 25	4 10	3 21	4 03	4 19	5 08	5 23	6 53	7 24	10 14
27	M	3 50	4 24	3 35	4 19	4 36	5 28	5 44	7 26	10 1	10 44
	A	4 05	4 38	3 50	4 36	4 54	5 48	6 07	8 03	10 38	11 14
28	M	4 19	4 53	4 04	4 54	5 14	6 11	6 32	8 42	11 12	11 42
	A	4 35	5 11	4 19	5 14	5 36	6 35	7 01	9 23	11 47	
29	M	4 50		4 35	5 36	5 58	7 01	7 32	10 03		0 09
	A	5 06		4 51	5 59	6 22	7 30	8 05	10 43	0 16	0 34
30	M	5 24		5 10	6 24	6 47	7 59	8 43	11 22	0 44	0 59
	A	5 42		5 32	6 53	7 14	8 31	9 23	11 57	1 09	1 21
31	M	6 01		5 53		7 42		10 03			1 43
	A	6 23		6 18		8 13		10 43	0 30		2 02

Put this after page 822.

3 00	9 23	9 11
⊙ 35	9 51	9 40
) 10	10 20	10 10
) 42	10 47	10 39
○ 14	11 15	11 09
○ 44	11 42	11 38
I 14		
I 42	○ 07	○ 07
	○ 34	○ 36
○ 09	○ 59	I 04
34	I 23	I 29
59	I 46	I 53
21	2 07	2 15
43		2 36
02		2 56

