

EQUATION OF TIME FOR 1846.

For the Meridian of Greenwich.

DAY.	JANY.		FEBY.		MAR.		APRIL.		MAY.		JUNE.		JULY.		AUG.		SEPT.		OCTO.		NOV.		DEC.		
	☉	St	☉	St	☉	St	☉	St	☉	F	☉	Fa	☉	St	☉	St	☉	F	☉	Fa	☉	Fa	☉	Fa	
	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	
1	3 50	13 54	12 37		4	0	3	2			2	33	3	25	6	3	6	4	10	15	16	15	10	47	
2	4 19	14	2	12 25	3	42	3	9			2	24	3	37	5	59	0	23	10	34	16	17	10	24	
3	4 47	14	8	12 12	3	24	3	16			2	14	3	48	5	55	0	42	10	53	16	17	10		
4	5 14	14	14	11 59	3	6	3	22			2	5	3	59	5	50	1	1	11	11	16	16	9	37	
5	5 41	14	19	11 46	2	48	3	28			1	55	4	10	5	44	1	21	11	29	16	15	9	12	
6	6 8	14	23	11 32	2	31	3	33			1	44	4	20	5	38	1	41	11	47	16	13	8	47	
7	6 34	14	27	11 17	2	13	3	38			1	33	4	30	5	32	2	1	12	4	16	10	8	22	
8	7 0	14	29	11	2	1	56	3	42		1	22	4	39	5	24	2	22	12	21	16	6	7	55	
9	7 25	14	31	10 47	1	39	3	46			1	11	4	48	5	16	2	42	12	38	16	1	7	29	
10	7 49	14	32	10 32	1	22	3	49			0	59	4	57	5	8	3	3	12	54	15	56	7	2	
11	8 13	14	32	10 16	1	6	3	51			0	48	5	5	4	59	3	23	13	9	15	49	6	34	
12	8 36	14	32	9 59	0	49	3	53			0	36	5	13	4	49	3	44	13	24	15	42	6	6	
13	8 59	14	30	9 43	0	34	3	54			0	23	5	21	4	39	4	5	13	39	15	34	5	38	
14	9 21	14	28	9 26	0	18	2	55			0	11	5	28	4	28	4	26	13	53	15	25	5	9	
15	9 43	14	25	9 9	0	3	3	55			☉	st	2	5	34	4	17	4	47	14	6	15	15	4	40
16	10 3	14	22	8 51	☉	st	12	3	55		0	14	5	40	4	5	8	14	19	15	4	4	11		
17	10 23	14	18	8 34	0	26	3	54			0	27	5	46	3	53	5	29	14	31	14	52	3	41	
18	10 43	14	13	8 16	0	49	3	52			0	40	5	51	3	41	5	50	14	43	14	40	3	12	
19	11 1	14	7	7 58	0	54	3	50			0	53	5	56	3	27	6	11	14	54	14	27	2	42	
20	11 19	14	1	7 40	1	7	3	47			1	6	5	60	3	14	6	32	15	4	14	12	2	12	
21	11 37	13	54	7 22	1	20	3	44			1	19	6	3	2	60	6	53	15	14	13	58	1	42	
22	11 53	13	46	7 4	1	32	3	40			1	32	6	2	4	5	7	14	15	23	13	42	1	12	
23	12 9	13	38	6 45	1	44	3	35			1	45	6	8	2	30	7	35	15	32	13	25	0	42	
24	12 24	13	30	6 27	1	56	3	30			1	58	6	10	2	15	7	56	15	39	13	8	0	12	
25	12 38	13	20	6 9	2	6	3	25			2	11	6	11	1	59	8	16	15	46	12	50	☉	st	
26	12 51	13	10	5 50	2	17	3	19			2	24	6	12	1	42	8	36	15	53	12	31	0	48	
27	13 4	13	0	5 32	2	27	3	12			2	37	6	12	1	26	8	57	15	58	12	12	1	18	
28	13 15	12	49	5 13	2	36	3	5			2	49	1	12	1	8	9	17	16	3	11	52	1	47	
29	13 26			4 55	2	45	2	58			3	1	5	10	0	51	9	36	16	7	11	31	2	17	
30	13 36			4 37	2	54	2	50			3	14	3	8	0	33	9	56	16	11	11	9	2	46	
31	13 46			4 18				2	42							3	6	0	15					3	15

NOTE.—When the Sun is slow, Equation to be added to Apparent Time.—When the Sun is Fast, Equation to be subtracted from Apparent Time.

ECLIPSES OF 1846.

There will be but *two* Eclipses this year; and of course both will be of the Sun.

I. The first will be an Annular Eclipse, on Saturday, the 25th of April, and partly visible here as follows:—

Beginning,	11h. 23m. forenoon.	} Mean time.
Apparent ♂,	0 44 afternoon.	
Greatest Obscuration,	0 45 do.	
End,	1 56 do.	
Duration,	2 33	

Digits eclipsed, 6° 49' on Sun's southern limb.

The eclipse will begin at about 128° from the Sun's Vertex, or

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