

EQUATION OF TIME FOR 1850,

For the Meridian of Greenwich.

DAYS.	JAN.	FEB.	MARCH.	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.
1	3 49	13 54	12 39	4 1	3 3	2 37	2 20	6 0	0 4	10 15	16 15	10 48
2	4 18	14 2	12 27	3 43	3 11	2 28	3 32	5 57	0 23	10 33	16 16	10 25
3	4 46	14 9	12 14	3 25	3 18	2 19	3 43	5 52	0 42	10 52	16 17	10 2
4	5 13	14 15	12 1	3 7	3 24	2 9	3 54	5 48	1 1	11 10	16 16	9 38
5	5 40	14 20	11 47	2 49	3 30	1 59	4 5	5 42	1 21	11 28	16 14	9 13
6	6 7	14 24	11 33	2 31	3 35	1 48	4 16	5 37	1 40	11 46	16 12	8 48
7	6 33	14 28	11 19	2 14	3 40	1 37	4 26	5 30	2 0	12 3	16 9	8 22
8	6 59	14 31	11 4	1 57	3 44	1 26	4 35	5 23	2 21	12 20	16 5	7 56
9	7 24	14 33	10 49	1 40	3 47	1 15	4 45	5 15	2 41	12 36	16 1	7 29
10	7 49	14 34	10 34	1 23	3 50	1 3	4 54	5 7	3 1	12 52	15 55	7 2
11	8 13	14 34	10 18	1 7	3 53	0 51	5 2	4 58	3 22	13 8	15 49	6 34
12	8 37	14 34	10 2	0 51	3 54	0 39	5 10	4 49	3 43	13 23	15 41	6 6
13	9 1	14 32	9 45	0 35	3 56	0 27	5 18	4 39	4 4	13 37	15 33	5 38
14	9 24	14 31	9 29	0 20	3 56	0 14	5 25	4 28	4 25	13 51	15 24	5 10
15	9 4	14 28	9 12	0 4	3 56	0 2	5 32	4 17	4 46	14 5	15 15	4 41
16	10 4	14 24	8 54	0 11	3 56	0 11	5 38	4 55	7	14 18	15 4	4 12
17	10 5	14 20	8 37	0 25	3 55	0 24	5 43	3 53	5 28	14 30	14 53	3 42
18	10 4	14 15	8 19	0 39	3 54	0 37	5 48	3 40	5 49	14 42	14 40	3 13
19	11 3	14 10	8 1	0 53	3 52	0 49	5 53	3 27	6 11	14 53	14 27	2 43
20	11 1	14 3	7 43	1 6	3 49	1 2	5 57	3 13	6 32	15 4	14 13	2 13
21	11 8	13 56	7 25	1 19	3 46	1 15	6 0	2 59	6 53	15 14	13 59	1 44
22	11 4	13 49	7 6	1 32	3 42	1 28	6 3	2 44	7 14	15 23	13 43	1 14
23	12 9	13 41	6 48	1 44	3 38	1 41	6 5	2 29	7 35	15 31	13 27	0 44
24	12 5	13 32	6 29	1 56	3 33	1 54	6 7	2 14	7 55	15 39	13 10	0 13
25	12 9	13 22	6 11	2 7	3 28	2 7	6 8	1 58	8 16	15 46	12 52	0 17
26	12 8	13 12	5 52	2 18	3 22	2 19	6 9	1 41	8 36	15 53	12 33	0 46
27	13	13 2	5 34	2 28	3 16	2 32	6 9	1 25	8 56	15 59	12 13	1 16
28	13 1	12 50	5 15	2 37	3 9	2 44	6 8	1 7	9 16	16 3	11 53	1 46
29	13 2		4 56	2 47	3 2	2 56	6 7	0 50	9 35	16 8	11 32	2 15
30	13 3		4 33	2 55	2 54	3 8	6 5	0 32	9 55	16 11	11 11	2 45
31	13 4		4 19		2 46		6 3	0 14		16 14		3 14

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 1850.

There will be but two Eclipses this year, and both, of course, of the S^t, in the manner following :

I. The first will be an Annular Eclipse of the Sun, Tuesday, Februar^y 12th, conjunction at 1h. 49m. 48s. mean time, in the morning and consequently invisible here. Central Eclipse on the Meridian, the Indian Ocean, somewhat to the southwest of the Isles of S^{da}, at 1h. 51m. 42s. morn. of our time.

II. The second will be a total Eclipse of the Sun, Wednesday, August 7, conjunction at 4h. 54m. 18s. mean time, in the evening, but visible by reason of ☉'s low N. lat. Central Eclipse on