

EQUATION OF TIME,

FOR APPARENT NOON—GREENWICH—1873.

Days.	Jan'y.	Feb'y.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct'r.	Nov.	Dec.
	SL.	SL.	SL.	SL.	P.	P.	SL.	SL.	SL.	SL.	SL.	SL.
1	5.57	13.54	12.30	3.52	3.04	2.27	3.32	6.02	0.12	10.24	16.17	10.40
2	4.27	14.01	12.18	3.31	3.11	2.18	3.44	5.58	0.37	10.43	16.18	10.17
3	4.55	14.08	12.05	3.10	3.18	2.08	3.53	5.54	0.50	11.02	16.18	9.53
4	5.23	14.14	11.52	2.58	3.24	1.58	4.05	5.49	1.16	11.20	16.17	9.29
5	5.49	14.18	11.38	2.41	3.29	1.48	4.16	5.43	1.30	11.38	16.16	9.04
6	6.16	14.22	11.24	2.23	3.34	1.37	4.26	5.36	1.50	11.56	16.13	8.38
7	6.42	14.27	11.1	2.06	3.39	1.27	4.36	5.29	2.10	12.13	16.10	8.13
8	7.07	14.28	10.55	1.48	3.42	1.15	4.45	5.22	2.30	12.29	16.06	7.46
9	7.32	14.28	10.39	1.32	3.46	1.04	4.54	5.14	2.51	12.46	16.01	7.19
10	7.56	14.30	10.27	1.15	3.48	0.52	5.03	5.05	3.12	13.02	15.55	6.52
11	8.20	14.30	10.07	0.59	3.51	0.40	5.11	4.55	3.33	13.17	15.48	6.24
12	8.43	14.29	9.51	0.43	3.52	0.28	5.18	4.46	3.54	13.32	15.40	5.56
13	9.06	14.27	9.34	0.27	3.53	0.16	5.26	4.35	4.15	13.46	15.32	5.28
14	9.27	14.25	9.17	0.12	3.54	0.4	5.32	4.24	4.36	14.00	15.22	4.59
15	9.48	14.22	9.00	0.08	3.53	0.09	5.39	4.13	4.57	14.13	15.12	4.30
16	10.09	14.18	8.43	0.18	3.53	0.23	5.44	4.01	5.18	14.26	15.01	4.01
17	10.29	14.13	8.25	0.32	3.51	0.35	5.50	3.48	5.39	14.38	14.49	3.31
18	10.48	14.08	8.08	0.46	3.50	0.48	5.54	3.35	6.00	14.49	14.38	3.01
19	11.06	14.02	7.50	0.58	3.47	1.01	5.59	3.22	6.21	15.00	14.23	2.32
20	11.24	14.56	7.32	1.12	3.44	1.14	6.02	3.08	6.42	15.10	14.08	2.02
21	11.40	13.49	7.13	1.25	3.40	1.27	6.06	2.54	7.03	15.20	13.53	1.31
22	11.57	13.41	6.55	1.37	3.36	1.40	6.08	2.29	7.24	15.28	13.37	1.01
23	12.12	13.32	6.37	1.49	3.32	1.53	6.10	2.24	7.45	15.36	13.20	0.31
24	12.27	13.23	6.18	2.00	3.26	2.06	6.12	2.08	8.05	15.44	13.03	0.01
25	12.40	13.14	6.00	2.11	3.21	2.19	6.13	1.52	8.26	15.51	12.44	0.29
26	12.53	13.04	5.42	2.21	3.14	2.31	6.13	1.35	8.46	15.57	12.25	0.58
27	13.06	12.53	5.23	2.30	3.08	2.44	6.13	1.18	9.06	16.02	12.05	1.26
28	13.17	12.42	5.05	2.40	3.00	2.56	6.12	1.01	9.26	16.07	11.45	1.58
29	13.28		4.47	2.48	2.53	3.08	6.11	0.43	9.46	16.10	11.24	2.27
30	13.37		4.28	2.56	2.45	3.20	6.09	0.25	10.05	16.14	11.02	2.56
31	13.46		4.10		2.36		6.06	0.07		16.16		3.24

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 FOR 1873.

I. MOON. A Total Eclipse, May 12. Invisible (almost) in New Brunswick, as the Moon sets about the time of beginning of Eclipse at St. John.

Enters Penumbra,	May 12th,	4h. 3m.	morning.	} Mean Time at Saint John.
do. Umbra,	"	"	5h. 6m.	
Total aspect begins	"	"	6h. 11m.	
Middle of Eclipse,	"	"	6h. 56m.	
Total aspect ends,	"	"	7h. 41m.	
Emerges from Umbra,	"	"	8h. 36m.	
do. Penumbra,	"	"	9h. 49m.	