

1846.

W. J. SIMMONITE'S
ASTRONOMICAL EPHEMERIS
AND
ASTRO-PHENOMENA,
WITH AN
ASPECTARIAN,
COMPRISING THE
LATITUDES, LONGITUDES, AND DECLINATIONS
OF THE
SUN, MOON, AND PLANETS.
1846.

LONDON:
SIMPKIN, MARSHALL & Co., STATIONERS'-HALL COURT.
G. THORPE, PRINTER, THORNE.
PRICE ONE SHILLING.
By Post, Sixteen Postage Stamps.

1846.

W. J. SIMMONDS
ASTRONOMICAL EPHEMERIS

AND

ASTRO-PHENOMENA,

WITH AN

ASPECTARIAN,



ECLIPSES, LUNAR

SUN, MOON, AND PLANETS.

1846.

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By Post, Stationers' Hall, London.

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

JANUARY, 1846.

M D	☾'s Node.	☾ Dec.	☾ Dec.	☾ Dec.	☾ Dec.	☾ Lat.	☾ Lat.	☾ Lat.	☾ Lat.	☾ Lat.	☾ Lat.
1	13m32	16N 2	3 s 4	8 s 32	17 s 36	0 s 42	1 s 5	1 s 12	0 s 1	0 s 48	3N 12
7	13 13	16 17	3 1	8 40	16 9	0 41	1 5	1 11	0N 7	0 7	2 59
13	12 54	16 33	2 57	8 49	15 43	0 41	1 5	1 9	0 14	0N 42	2 9
19	12 34	16 54	2 47	8 51	14 11	0 41	1 5	1 7	0 20	1 38	1 11
25	12 15	17 15	2 38	8 52	13 46	0 41	1 5	1 6	0 27	2 41	0 15

Right Asc. of M. C.	☾ Long.	☾ Long.	☾ Lat.	☾ Dec.	☾ Long.	☾ Long.	☾ Long.	☾ Long.	☾ Long.	☾ Long.
1 18 43	1 10 54	0 42	4N 54	6 s 39	6 28	16 46	0 8 54	6 27	27 32	0 9 2
2 18 47	0 11 47	15 7	4 24	1 48	6 29	16 54	0 55	7 52	26 29	1 9
3 18 51	0 12 49	29 5	3 39	2 59	6 30	17 0	0 56	7 43	29 21	28 R 26
4 18 54	51 13	50 12	2 43	7 29	6 31	17 7	0 58	8 20	0 16	27 53
5 18 58	47 14	51 25	1 40	11 29	6 32	17 13	1 0	8 58	1 10	27 31
6 19 2	44 15	52 8	0 33	14 51	6 33	17 20	1 3	9 36	2 3	27 18
7 19 6	41 16	53 20	0 s 33	17 28	6 34	17 26	1 6	10 14	2 55	27 15
8 19 10	37 17	54 3	1 37	19 13	6 35	17 32	1 9	10 52	3 47	27 D 20
9 19 14	34 18	55 15	2 35	20 4	6 36	17 38	1 12	11 30	4 37	27 33
10 19 18	30 19	57 27	3 26	20 0	6 38	17 45	1 15	12 8	5 27	27 53
11 19 22	27 20	58 9	4 7	19 2	6 39	17 51	1 18	12 46	6 15	28 21
12 19 26	23 21	59 21	4 4	38 17	6 40	17 58	1 21	13 25	7 28	28 55
13 19 30	20 23	0 2	4 56	14 43	6 42	18 5	1 25	14 3	7 49	29 34
14 19 34	16 24	1 14	5 11	36	6 43	18 12	1 28	14 41	8 34	0 17
15 19 38	13 25	2 26	4 53	8 1	6 44	18 19	1 32	15 19	9 20	1 6
16 19 42	9 26	3 8	4 32	4 6	6 46	18 25	1 36	15 57	10 3	1 58
17 19 46	6 27	4 20	3 59	0 s 1	6 47	18 32	1 41	16 36	10 46	2 53
18 19 50	3 28	5 3	3 15	4 11	6 49	18 39	1 45	17 14	11 27	3 53
19 19 53	59 29	6 15	2 20	8 15	6 51	18 46	1 50	17 52	12 8	4 55
20 19 57	56 0	7 28	1 17	12 3	6 53	18 53	1 55	18 31	12 46	6 1
21 20 1	52 1	8 11	0 9	15 22	6 55	19 0	2 1	19 9	13 24	7 8
22 20 5	49 2	9 24	1N 2	17 59	6 57	19 7	2 6	19 47	14 1	8 17
23 20 9	46 3	10 8	2 12	19 37	6 59	19 14	2 11	20 26	14 36	9 28
24 20 13	42 4	12 23	3 16	20 2	7 1	19 21	2 18	21 4	15 9	10 41
25 20 17	39 5	13 8	4 8	19 5	7 3	19 28	2 23	21 43	15 42	11 56
26 20 21	35 6	14 23	4 44	16 45	7 5	19 35	2 29	22 21	16 13	13 12
27 20 25	32 7	15 8	5 0	13 15	7 7	19 42	2 35	23 6	16 42	14 30
28 20 29	28 8	16 24	4 54	8 52	7 9	19 49	2 41	23 39	17 10	15 49
29 20 33	25 9	17 9	4 28	4 0	7 11	19 57	2 48	23 18	17 35	17 9
30 20 37	21 10	18 23	3 44	0N 59	7 13	20 4	2 54	24 56	17 59	18 31
31 20 41	18 11	19 8	2 48	5 45	7 16	20 13	3 22	25 35	18 20	19 54

☾ Long.	☾ Long.	☾ Long.	☾ Long.	☾ Decl.	☾ Decl.	☾ Decl.	☾ Decl.	☾ Decl.	☾ Decl.	☾ Decl.
1 3 0	17 54	9 m 31	6 50	23 s 1	1N 56	16 s 51	10N 40	2N 33	13 s 5	20 s 16
4 2 R 38	18 48	10 18	7 44	22 44	1 57	16 45	10 43	3 22	11 49	20 14
7 2 17	19 44	11 7	8 51	22 23	1 59	16 39	10 46	4 10	10 33	20 27
10 2 9	20 42	11 47	9 48	21 58	2 0	16 33	10 50	4 58	9 17	20 50
13 1 58	21 39	12 29	10 49	21 30	2 2	16 27	10 54	5 46	8 0	21 19
16 1 53	22 36	13 11	11 51	20 57	2 4	16 20	10 59	6 33	6 45	21 47
19 1 50	23 34	13 45	12 51	20 21	2 6	16 14	11 5	7 20	5 31	22 12
22 1 54	24 31	14 22	13 54	19 42	2 8	16 8	11 11	8 7	4 19	22 30
25 2 0	25 30	15 0	15 3	18 59	2 10	16 1	11 17	8 53	3 10	22 41
28 2 10	26 19	15 34	16 12	18 13	2 13	15 54	11 24	9 39	2 5	22 42

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

FEBRUARY, 1846.

M D	☉'s Node.	☾ Dec.	♂ Dec.	♀ Dec.	♂ Dec.	♂ Lat.	♂ Lat.	♂ Lat.	♂ Lat.	♀ Lat.	♀ Lat.
1	11m 53	17N 42	2s 23	8s 48	12s 6	0s 40	1s 5	1s 3	0N 33	4N 5	0s 41
7	11 34	18 8	2 6	8 39	11 36	0 40	1 6	1 2	0 38	5 20	1 21
13	11 15	18 35	1 48	8 26	10 35	0 40	1 6	1 0	0 42	6 37	1 49
19	10 56	19 2	1 28	8 10	9 34	0 40	1 7	0 59	0 46	7 45	2 5
25	10 37	19 29	1 8	7 42	8 33	0 40	1 7	0 58	0 50	8 32	2 7

	Right Asc. of M. C.	☉ Long.	☉ Long.	☉ Lat.	☉ Decl.	♂ Long.	♂ Long.	♂ Long.	♂ Long.	♀ Long.	♀ Long.
10	20 45 14	12w 19	21 7 41	1N 44	10N 4	7 19	20w 20	3 8 8	26 7 14	18 41	21 7 17
2	20 49 11	13 20	4 8 52	0 36	13 43	7 21	20 28	3 15	26 53	18 59	22 42
3	20 53 8	14 21	17 39	0s 31	16 36	7 23	20 35	3 22	27 31	19 15	24 8
4	20 57 4	15 22	0 11 5	1 35	18 38	7 25	20 42	3 30	28 9	19 28	25 34
5	21 1 1	16 22	12 16	2 34	19 44	7 27	20 49	3 38	28 49	19 40	27 2
6	21 4 57	17 23	24 17	3 24	19 56	7 29	20 56	3 46	29 28	19 50	28 30
7	21 8 54	18 24	6 11 1	4 6	19 13	7 32	21 3	3 54	0 8 6	19 57	0w 0
10	21 12 50	19 25	18 2	4 36	17 41	7 34	21 10	4 2	0 47	20 1	1 30
9	21 16 47	20 25	29 53	4 54	15 24	7 36	21 18	4 10	1 24	20 4	3 1
10	21 20 43	21 26	11 47	5 0	12 28	7 39	21 24	4 19	2 32	20 3	4 33
11	21 24 40	22 27	23 43	4 52	9 2	7 42	21 31	4 28	2 41	20 1	6 6
12	21 28 37	23 27	5 44	4 31	5 12	7 45	21 39	4 36	3 20	19 56	7 40
13	21 32 33	24 28	17 51	3 58	1 9	7 47	21 47	4 45	4 0	19 48	9 15
14	21 36 30	25 28	0 5	3 14	3s 0	7 50	21 54	4 54	4 38	19 38	10 50
10	21 40 26	26 29	12 27	2 20	7 4	7 53	22 0	5 3	5 17	19 23	12 26
16	21 44 23	27 29	25 1	1 18	10 54	7 56	22 7	5 12	5 56	19 10	14 4
17	21 48 19	28 30	7m 48	0s 11	14 58	7 59	22 15	5 21	6 35	18 52	15 42
18	21 52 16	29 30	20 53	0N 58	17 13	8 2	22 22	5 30	7 14	18 32	17 21
19	21 56 12	0 31	4 19	2 6	18 57	8 5	22 29	5 40	7 53	18 9	19 1
20	22 0 9	1 31	18 8	3 9	19 48	8 8	22 36	5 49	8 32	17 45	20 42
21	22 4 6	2 32	2 21	4 1	19 25	8 11	22 43	5 59	9 11	17 17	22 24
22	22 8 2	3 32	16 58	4 40	17 45	8 14	22 51	6 9	9 50	16 49	24 6
23	22 11 59	4 32	1w 53	5 0	14 52	8 17	22 58	6 19	10 28	16 20	25 50
24	22 15 55	5 33	17 0	5 0	10 59	8 20	23 5	6 29	11 7	15 48	27 35
25	22 19 52	6 33	2 8	4 39	6 2	8 23	23 12	6 39	11 46	15 14	29 21
26	22 23 48	7 33	17 8	3 59	1s 21	8 26	23 19	6 49	12 25	14 40	1 8
27	22 27 45	8 34	1 49	3 4	3N 32	8 29	23 26	6 59	13 4	14 5	2 56
28	22 31 41	9 34	16 5	1 58	8 9	8 32	23 33	7 10	13 43	13 28	4 45

	☉ Long.	☉ Long.	☉ Long.	☉ Long.	☉ Decl.	♂ Decl.	♂ Decl.	♂ Decl.	♂ Decl.	♀ Decl.	♀ Decl.
1	2 11 29	27w 45	16m 16	17 38	17s 7	2N 16	15s 45	11N 34	10N 3	0s 44	22s 27
4	2 47 28	44 16	41 18	46 16	14 2	2 19	15 39	11 43	12 23	0N 9	22 4
7	3 10 29	44 17	7 19	54 15	19 2	2 22	15 32	11 51	12 7	0 55	21 28
10	3 34 0	44 17	33 21	22 14	22 2	2 26	15 25	12 0	12 49	1 33	20 41
13	4 3 1	44 17	57 22	8 13	22 2	2 29	15 18	12 16	13 31	2 2	19 42
16	4 34 2	43 18	8 23	16 12	21 2	2 32	15 11	12 19	14 12	2 20	18 30
19	5 6 3	42 18	28 24	25 11	18 2	2 35	15 5	12 29	14 53	2 26	17 6
22	5 42 4	42 18	43 25	34 10	13 2	2 39	15 58	12 40	15 32	2 21	15 30
25	6 21 5	42 18	56 26	43 9	7 2	2 43	14 51	12 50	16 10	2 3	13 41
28	7 5 6	43 19	4 27	30 7	59 2	2 46	14 44	13 1	16 47	1 34	11 40

ASPECTARIAN

FOR JANUARY AND FEBRUARY, 1846.

JANUARY.	13th Day.	26th Day.	h. m.	17th Day.
1st Day. h. m.	h. m.	h. m.		h. m.
♂♂ H 0 0	♂ in ♀ 0 0	♀ gr. Bri. 5 5	♂♂ * 11 3	♂♂ □ 16 37
♂♂ * 0 0	♂♂ △ H 7 58	♂♂ □ 9 55	♂♂ S* 18 26	♂♂ ♀ 19 46
♂♂ * 0 30	♂♂ P. ♀ 13 12	♂♂ P. ♀ 14 24	♂♂ ses. 19 19	18th Day.
♂ in ♂ 7 53	♂♂ △ 23 40	♂♂ per. 15 0	♂♂ qu. 22 0	♂♂ □ 2 42
♂♂ per. 10 44	14th Day.	♂♂ * H 16 40	♂♂ 7th Day.	♂♂ S* 13 27
♂♂ * 16 47	♂♂ ♀ 6 57	♂♂ in ♀ 16 50	♂♂ □ H 2 43	♂♂ ♀ 15 19
2nd Day.	15th Day.	♂♂ ♂ 21 23	♂♂ .. ♀ 3 5	♂♂ □ 16 44
♂ de. h 3 3	♂♂ △ 9 25	♂♂ * H 21 36	♀ sta. 4 4	19th Day.
♂♂ * 13 0	♂♂ .. 24 9 42	♂♂ 28th Day.	♂♂ 8th Day.	♂♂ S* H 12 0
♂♂ P. ♀ 21 0	♂♂ .. 13 47	♀ P. H 15 16	♂♂ △ 4 4	♂♂ P. h 17 35
♂♂ * 23 30	♂♂ qu. H 17 29	♂♂ ♀ 20 26	♂♂ .. 10 0	♂♂ ♀ 19 0
3rd Day.	16th Day.	♂♂ * 23 7	♂♂ S* 16 0	20th Day.
♂ tre. 24 27	♂♂ Ses. 2 57	♂♂ 28th Day.	♂♂ .. 16 8	♂♂ * 6 15
♂ gr. H 4 48	♂♂ .. 2 57	♂♂ * 24 12 0	♂♂ Apo. 21 0	♂♂ .. h 7 38
♂♂ H 15 58	♂♂ P. h 9 0	29th Day.	♂♂ 9th Day.	♂♂ de. H 15 9
♂♂ * 18 19	♂♂ ♀ 12 27	♂♂ * 10 10	♂♂ □ 3 14	♂♂ ♀ 23 58
4th Day.	17th Day.	♂♂ ♂ 14 25	♂♂ .. 7 17	21st Day.
♂♂ □ 2 25	♂♂ △ 13 27	♂♂ * 14 26	♂♂ .. 7 42	♂♂ * 1 0
♂♂ * 10 11	18th Day.	♀ S□ 24 19 46	♂♂ .. △ H 15 40	♂♂ * 5 43
♂♂ .. ♀ 18 42	♂♂ □ 2 0	30th Day.	♂♂ □ 24 19 9	♂♂ P. h 10 8
5th Day.	♂♂ g. e. 2 52	♂♂ S□ 7 17	♂♂ 10th Day.	♂♂ △ 11 43
♂♂ △ 3 29	♂♂ S* H 7 22	31st Day.	♂♂ .. ♀ 7 30	♂♂ * 23 30
♂♂ * 11 3	19th Day.	♂♂ H 1 16	♀ Per. 8 0	22nd Day.
♂♂ * 11 36	♂♂ S* 0 0	♂♂ S* h 5 41	♂♂ ♀ 19 34	♂♂ S□ 0 8
6th Day.	♂♂ ♂ 4 35	♂♂ * 6 15	♂♂ .. 21 12	23rd Day.
♀ P. 24 12 26	♂♂ .. h 6 20		♂♂ .. h 23 30	♂♂ P. h 0 0
♂♂ △ 15 57	20th Day.	FEBRUARY.	♂♂ 11th Day.	♂♂ S* 4 0
♂♂ .. h 17 12	♂♂ □ 3 52	1st Day.	♂♂ S* H 6 44	♂♂ □ 8 44
♂♂ .. 19 0	♂♂ sta. 4 17	♂♂ □ 0 0	♂♂ H .. 10 0	♂♂ * H 10 12
♂♂ sta. 21 26	♂♂ * 6 53	♂♂ .. 9 10	♂♂ △ 18 58	♂♂ .. 14 19
7th Day.	♂♂ * 15 37	♂♂ de. ♀ 11 43	♂♂ P ♀ 21 0	♂♂ ♀ 18 0
♂♂ S* h 14 40	♂♂ .. h 17 27	♂♂ * 22 10	♂♂ △ 21 39	24th Day.
♀ in ♂ 22 5	♂♂ □ H 19 34	♀ tre. —	♂♂ 12th Day.	♂♂ Per. 2 0
8th Day.	21st Day.	2nd Day.	♂♂ * H 1 18	♂♂ .. h 13 4
♂♂ □ 1 20	♂♂ tre. 2 5	♂♂ □ 17 11	♂♂ qu. h 14 15	♂♂ .. 17 13
♂♂ .. ♀ 2 13	♂♂ △ 3 49	3rd Day.	♂♂ P. ♀ 17 49	♂♂ .. 23 34
♂♂ * H 6 40	♂♂ .. h 13 20	♂♂ H P. 0 0	13th Day.	25th Day.
♂♂ .. 15 54	♂♂ △ 18 18	♂♂ * 3 7	♂♂ S* 0 0	♂♂ * 2 56
9th Day.	♂♂ .. 22 19	♂♂ .. h 5 43	♂♂ S* 3 47	♂♂ .. 7 19
♂♂ △ h 4 0	22nd Day.	♂♂ .. △ 14 11	♂♂ S□ 24 15 16	♂♂ .. 7 32
10th Day.	♂♂ * 13 31	4th Day.	♂♂ .. 23 0	♂♂ * 14 26
♂♂ ♀ 1 30	♂♂ .. H 20 48	♂♂ g. H. 10 2	♂♂ 14th Day.	♂♂ .. ♀ 17 20
♂♂ * 24 7 49	23rd Day.	♂♂ * H 14 29	♂♂ H 15 6	26th Day.
♂♂ .. H 18 54	♂♂ ses. 12 7	5th Day.	♂♂ .. ses. 18 57	♂♂ P. ♀ 4 28
♂♂ .. 19 51	♂♂ * h 17 48	♂♂ □ 6 12	♂♂ 15th Day.	♂♂ g. H. 6 58
11th Day.	♂♂ .. △ 23 0	♂♂ △ 13 18	♂♂ △ 0 0	♂♂ ♀ 11 9
♀ P. ♀ 3 42	♂♂ .. ♀ 23 30	♂♂ .. 15 0	♂♂ P. 2 30	♂♂ S* H 22 19
♂♂ P. 8 27	24th Day.	♂♂ P. 16 0	♂♂ .. 12 0	27th Day.
♂♂ P. 19 12	♂♂ △ 24 14 31	♂♂ △ h 16 54	♂♂ .. 17 10	♂♂ de. H 6 37
12th Day.	♂♂ .. H 22 5	♂♂ * 20 9	♂♂ △ 18 12	♂♂ .. 13 25
♂♂ S□ 2 2	25th Day.	♂♂ Aph. 20 29	16th Day.	♂♂ ♀ 19 23
♂♂ S□ 5 9	♂♂ * 7 4	♂♂ P. 22 0	♂♂ △ 6 20	28th Day.
♂♂ Apo. 19 0	♂♂ .. ♀ 13 2	6th Day.	♂♂ .. 20 0	♂♂ S□ 6 22
♂♂ □ 24 20 53	♂♂ .. 22 13	♂♂ P. h 5 39	♂♂ .. 22 0	♂♂ h ... H 12 0

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

MARCH, 1846.

M	☉'s	☽	♂	♀	♀	♂	♂	♂	♂	♀	♀
D	Node.	Dec.	Dec.	Dec.	Dec.	Lat.	Lat.	Lat.	Lat.	Lat.	Lat.
1	10 m 24	7 s 34	0 s 53	7 s 35	7 s 51	0 s 40	1 s 7	0 s 56	0 n 52	8 n 47	1 s 58
7	10 5	7 7	0 29	7 8	6 51	0 40	1 8	0 56	0 55	8 30	1 32
13	9 46	6 38	0 5	6 38	5 50	0 40	1 9	0 55	0 58	8 4	0 45
19	9 27	6 4	0 19	6 4	4 50	0 40	1 9	0 54	1 0	7 4	0 n 20
25	9 7	5 28	0 44	5 28	3 50	0 40	1 10	0 53	1 2	5 54	1 35

	Right Asc. of M. C.	☉	☽	♂	♀	♂	♂	♂	♂	♀	♀
	Long.	Long.	Lat.	Dec.	Long.	Long.	Long.	Long.	Long.	Long.	Long.
22	35 38	10 34	29 52	0 n 48	12 n 11	8 35	23 40	7 8 22	14 8 22	12 50	6 35
22	39 35	11 34	13 8	0 s 23	15 27	8 38	23 47	7 33 15	1 12 R 12	8 28	
3	22 43 31	12 34	26 6	1 31 17	49 8	40 23	54 7	43 15	39 11	33 10	18
4	22 47 28	13 34	8 II 37	2 33 19	15 8	43 24	1 7	54 16	19 10	56 12	11
5	22 51 24	14 34	20 51	3 26 19	43 8	46 24	8 8	6 16	57 10	19 14	5
6	22 55 21	15 34	2 25 42	4 8 19	17 8	50 24	15 8	17 17	36 9	44 16	6
7	22 59 17	16 34	14 46	4 40 18	0 8	54 24	22 8	28 18	15 9	8 17	56
8	23 3 14	17 34	26 37	5 0 15	57 8	57 24	29 8	40 18	54 8	35 19	52
9	23 7 10	18 34	8 29	5 6 13	14 9	1 24	35 8	51 19	33 8	2 21	49
10	23 11 7	19 34	20 24	5 0 9	57 9	4 24	43 9	3 20	12 7	32 23	47
11	23 15 4	20 34	2 26 4	4 40 6	16 9	8 24	50 9	14 20	50 7	1 25	45
12	23 19 0	21 34	14 36	4 7 2	16 9	11 24	57 9	26 21	29 6	33 27	44
13	23 22 57	22 33	26 54	3 22 1	52 9	13 25	3 9	38 22	8 6	7 29	43
14	23 26 53	23 33	9 22	2 27 5	58 9	16 25	10 9	50 22	47 5	44 1	42
15	23 30 50	24 33	22 1	1 24 9	53 9	20 25	17 10	1 23	25 5	22 3	40
16	23 34 46	25 32	4 m 51	0 16 13	24 9	23 25	23 10	14 24	4 5	4 5	37
17	23 38 43	26 32	17 53	0 n 55	16 18	9 27	25 30	10 26	24 43	4 47	34
18	23 42 39	27 32	1 9	2 4 18	23 9	30 25	36 10	37 25	22 4	34 9	29
19	23 46 36	28 31	14 40	3 7 19	29 9	33 25	43 10	49 26	1 4	23 11	23
20	23 50 32	29 31	28 27	4 1 19	26 9	36 25	50 11	3 26	39 4	13 13	15
21	23 54 29	0 30	12 31	4 41 18	12 9	39 25	57 11	15 27	18 4	7 15	3
22	58 26	1 30	26 51	5 5 15	48 9	43 26	3 11	27 27	57 4 s	3 16	48
23	0 2 22	2 29	11 24	5 10 12	24 9	46 26	10 11	40 28	35 4	2 18	31
24	0 6 19	3 29	26 6	4 55 8	12 9	50 26	16 11	52 29	14 4 D	2 20	9
25	0 10 15	4 28	10 49	4 21 3	30 9	54 26	22 12	6 29	53 4	6 21	43
26	0 14 12	5 27	25 27	3 29 1	23 9	57 26	29 12	18 0 II	31 4	12 23	13
27	0 18 8	6 27	9 52	2 25 6	8 10	1 26	35 12	30 1	10 4	19 24	37
28	0 22 5	7 26	23 59	1 13 10	26 10	5 26	41 12	44 1	49 4	29 25	56
29	0 26 1	8 25	7 43	0 s 2	14 4	8 26	45 12	56 2	28 4	4 127	8
30	0 29 58	9 25	21 3	1 14 16	50 10	11 26	51 13	9 3	7 4	55 28	15
31	0 33 55	10 24	4 II 0	2 21 18	39 10	15 26	57 13	25 3	45 5	11 29	16

	☽	♂	♀	♀	☉	♂	♂	♂	♂	♀	♀
	Long.	Long.	Long.	Long.	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.
1	7 II 22	7 3	19 m 4	28 16	7 s 36	2 n 48	14 s 42	13 n 5	16 n 59	1 n 22	10 s 57
4	8 3 8	3 19	9 29	28 6	28 2	51 4	35 13	16 17	35 0	42 8	40
7	8 45 9	3 19	11 0 39	5 18	2 55	14 29	13 27	18 9	0 s 6	6 6	11
10	9 34 10	3 19 R	8 1	51 4	8 2	59 14	22 13	30 18	42 0	56 3	34
13	10 41 11	3 19	3 3 2	2 57	3 3	14 16	13 51	19 15	1 47	0 s 48	
16	11 16 12	3 18	54 4	14 1	46 3	7 14	9 14	2 19	45 2	36 2 N	1
19	12 10 13	3 18	44 5	25 0	35 3	11 14	3 14	14 20	14 3	20 4	49
22	13 4 14	3 18	31 6	35 0	N 36	3 15	13 57	14 26	20 43	3 59	7 29
25	14 0 15	3 18	13 7	46 1	47 3	19 13	51 14	38 21	9 4	32 9	55
28	14 59 16	3 17	51 8	57 2	57 3	23 13	45 14	51 21	35 4	57 12	1

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

APRIL, 1846.

M D	☉'s Node.	☾ Dec.	♂ Dec.	♀ Dec.	♀ Dec.	♄ Lat.	♅ Lat.	♆ Lat.	♁ Lat.	♂ Lat.	♀ Lat.	♂ Lat.
1	8m45	22 s 4	1 s 16	4 s 29	2 s 41	0 s 40	1 s 11	0 s 51	1 N 4	4 N 30	2 N 44	
7	8 26	22 25	1 41	4 4	1 42	0 40	1 12	0 51	1 6	3 20	3 10	
13	8 8	22 45	2 6	3 25	0 45	0 40	1 13	0 50	1 8	2 18	2 47	
19	7 48	23 2	2 32	2 44	0 N 11	0 40	1 14	0 50	1 9	1 22	1 34	
25	7 30	23 17	2 56	2 5	1 6	0 40	1 15	0 49	1 10	0 32	0 s 6	

	Right Asc. of M. C.	☉ Long.	☾ Long.	♂ Lat.	♀ Dec.	♄ Long.	♅ Long.	♆ Long.	♁ Long.	♂ Long.	♀ Long.	♂ Long.
1	h. m. s.	11 ^h 23	16 ^h 36	3 s 10	19 N 29	10 ^h 18	27 ^h 33	3 ^h 13	8 ^h 36	4 ^h 24	5 ^h 30	0 8 10
2	0 41 48	12 22 28	54	4 6	19 21 10	21 27	9 13	49 5	2 5	49 0	59	
3	0 45 44	13 21 10	58	4 42	18 20 10	25 27	15 14	2 5	41 6	10 1	39	
4	0 49 41	14 20 22	55	5 4	16 30 10	28 27	21 14	15 6	20 6	35 2	14	
5	0 53 37	15 19 4	47	5 14	14 0 10	31 27	27 14	28 6	58 7	1 2	42	
6	0 57 34	16 18 16	41	5 10	10 55 10	35 27	33 14	41 7	37 7	27 3	2	
7	1 1 30	17 17 28	39	4 53	7 22 10	38 27	38 14	54 8	16 7	56 3	16	
8	1 5 27	18 16 10	45	4 23	3 29 10	42 27	44 15	8 8	54 8	26 3	23	
9	1 9 23	19 15 23	2	3 40	0 s 36	10 45	27 49	15 21	9 32	8 57	3 s 23	
10	1 13 20	20 14 5	32	2 46	4 44 10	48 27	54 15	35 10	11 9	30 3	R 17	
11	1 17 16	21 12 18	6	1 42	8 45 10	51 27	59 15	48 10	50 10	4 3	5	
12	1 21 13	22 11 1m	15	0 33	12 26 10	55 28	4 16	2 11	28 10	40 2	47	
13	1 25 10	23 10 14	27	0 N 40	15 33 10	59 28	9 16	15 12	7 11	17 2	25	
14	1 29 6	24 9 27	53	1 52	17 52 10	2 28	14 16	29 12	45 11	54 1	57	
15	1 33 3	25 7 11	31	2 59	19 14 10	6 28	19 16	43 13	25 12	33 1	25	
16	1 36 59	26 6 25	20	3 56	19 27 11	9 28	24 16	57 14	2 13	14 0	51	
17	1 40 56	27 5 9	19	4 40	18 28 11	12 28	29 17	10 14	41 13	55 0	12	
18	1 44 53	28 3 23	25	5 8	16 22 11	16 28	34 17	24 15	19 14	38 29	32	
19	1 48 49	29 2 7	38	5 17	13 16 11	19 28	38 17	38 15	57 15	22 28	50	
20	1 52 46	0 0 21	55	6 9	9 22 11	22 28	43 17	52 16	36 16	6 28	9	
21	1 56 42	0 59 6	13	4 37	4 56 11	25 28	47 18	6 17	15 16	51 27	27	
22	2 0 39	1 57 20	29	3 51	0 14 11	29 28	52 18	20 17	53 17	37 26	47	
23	2 4 35	2 56 4	37	2 51	4 N 27 11	32 28	56 18	34 18	31 18	25 26	8	
24	2 8 32	3 54 18	56	1 41	8 51 11	35 29	0 18	48 19	9 19	12 25	31	
25	2 12 28	4 52 2	21	0 27	12 43 11	38 29	5 19	2 19	48 20	1 24	57	
26	2 16 25	5 51 15	49	0 s 48	15 49 11	42 29	9 19	16 20	36 20	50 24	26	
27	2 20 21	6 49 28	59	1 58	18 2 11	45 29	14 19	30 21	5 21	40 24	1	
28	2 24 18	7 47 11	51	3 1	19 15 11	48 29	18 19	44 21	43 22	31 23	48	
29	2 28 15	8 46 24	25	3 53	19 28 11	51 29	22 19	58 22	21 23	23 23	21	
30	2 32 11	9 44 6	44	4 33	18 44 11	54 29	26 20	12 23	0 24	14 23	7	

	☉ Long.	☾ Long.	♂ Long.	♀ Long.	♄ Decl.	♅ Decl.	♆ Decl.	♁ Decl.	♂ Decl.	♀ Decl.	♂ Decl.
1	16 ^h 21	17 ^h 23	17 ^h 19	10 ^h 31	4 N 30	3 N 28	13 s 37	15 N 7	22 N 6	5 s 20	14 N 6
4	17 22	18 23	17 R 56	11 42	5 39	3 32	13 32	15 19	22 27	5 29	15 7
7	18 26	19 23	16 28	12 54	6 48	3 36	13 26	15 31	22 47	5 30	15 35
10	19 29	20 23	16 54	14 6	7 55	3 41	13 21	15 43	23 6	5 25	15 31
13	20 32	21 23	15 21	15 21	9 1	3 44	13 16	15 55	23 23	5 13	14 56
16	21 59	22 23	14 47	16 33	10 5	3 48	13 11	16 7	23 38	4 55	13 54
19	22 44	23 23	14 8	17 44	11 8	3 52	13 7	16 19	23 52	4 31	12 32
22	23 51	24 23	14 26	18 56	12 10	3 56	13 2	16 31	24 4	2 11	2
25	24 59	25 23	13 49	20 8	13 19	4 0	12 58	16 43	24 14	3 28	9 35
28	26 5	26 23	12 9	21 18	14 7	4 4	12 54	16 55	24 22	2 49	8 20

ASPECTARIAN FOR MARCH AND APRIL, 1846.

MARCH.	11th Day.	21st Day.	2nd Day.	<i>h. m.</i>
1st Day. <i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	♀ P. ♀ 17 15
☉ P. ♀ 1 25	☉ ♀ 8 46	☉ * ♀ 2 4	☉ * ♀ 4 23	18th Day.
♀ * ♀ 10 57	☉ ♀ 13 39	☉ ♀ 4 52	☉ ♀ 14 10	☉ S * ♀ 8 0
☉ ♀ 11 23	☉ ♀ 14 57	♀ sta. 6 47	☉ ♀ 22 54	☉ ♀ 8 24
☉ ♀ 13 17	☉ ♀ 16 6	☉ * ♀ 10 8	☉ ♀ 5 12	☉ ♀ 9 50
☉ ♀ 13 41	☉ ♀ 19 26	☉ P. ♀ 19 0	☉ ♀ 6 16	☉ ses. ♀ 13 32
☉ * ♀ 14 5	12th Day.	♀ Per. 20 10	☉ ♀ 12 0	☉ ♀ 20 56
☉ ♀ 20 47	☉ P. ♀ 4 36	22nd Day.	☉ P. ♀ 12 0	19th Day.
☉ ♀ 22 15	☉ * ♀ 8 43	☉ ♀ 1 52	☉ S * ♀ 21 23	☉ ♀ 5 15
2nd Day.	☉ ♀ 14 12	☉ * ♀ 8 15	4th Day.	☉ ♀ 6 13
☉ S * ♀ 2 24	☉ ♀ 14 58	☉ ♀ 16 27	☉ ♀ 19 37	☉ ♀ 14 39
☉ S * ♀ 3 33	☉ P. ♀ 18 15	☉ ♀ 21 19	5th Day.	☉ ♀ 17 5
☉ ♀ 8 59	13th Day.	23rd Day.	☉ Aph. 1 0	20th Day.
☉ ♀ 10 58	☉ ♀ 6 29	☉ ♀ 0 29	☉ ♀ 2 0	☉ * ♀ 9 57
☉ ♀ 21 52	☉ ♀ 12 13	☉ ♀ 3 17	☉ ♀ 4 41	☉ Perig. 11 0
3rd Day.	☉ P. ♀ 19 51	☉ S * ♀ 10 39	☉ ♀ 11 38	☉ ♀ 11 28
☉ * ♀ 5 52	☉ ♀ 23 50	☉ ♀ 11 27	☉ P. ♀ 14 24	☉ * ♀ 14 34
☉ ♀ 11 40	14th Day.	☉ * ♀ 13 12	☉ ♀ 19 54	☉ P. ♀ 16 40
☉ ♀ 22 53	☉ ♀ 2 33	☉ ses. ♀ 18 11	☉ ♀ 23 9	21st Day.
☉ ♀ 22 54	☉ P. ♀ 18 9	24th Day.	6th Day.	☉ S * ♀ 17 37
4th Day.	15th Day.	☉ ♀ 0 17	☉ ♀ 22 0	☉ ♀ 18 56
☉ * ♀ 0 12	☉ ♀ 2 18	☉ ♀ 5 21	7th Day.	☉ ♀ 19 25
☉ ♀ 4 17	☉ ses. ♀ 3 22	☉ per. 7 0	☉ ses. ♀ 7 51	☉ ♀ 20 19
☉ ♀ 8 18	☉ P. ♀ 4 27	☉ S * ♀ 12 36	☉ ♀ 9 13	22nd Day.
☉ ♀ 10 32	☉ ♀ 6 9	☉ ♀ 13 10	☉ ♀ 19 13	☉ P. ♀ 12 0
5th Day.	☉ S * ♀ 15 19	25th Day.	☉ ♀ 20 8	23rd Day.
☉ ♀ 6 37	☉ S * ♀ 17 49	☉ * ♀ 2 10	8th Day.	☉ * ♀ 6 32
☉ ♀ 18 33	16th Day.	☉ ♀ 5 20	☉ ♀ 8 43	☉ ♀ 12 12
☉ ♀ 18 36	☉ ♀ 0 22	☉ ♀ 7 6	☉ P. ♀ 12 0	☉ ♀ 18 40
6th Day.	☉ ♀ 10 14	☉ ♀ 12 4	☉ sta. 16 17	24th Day.
☉ * ♀ 11 7	☉ ses. ♀ 11 20	26th Day.	☉ * ♀ 19 35	☉ * ♀ 1 2
☉ ♀ 12 6	☉ S * ♀ 12 40	☉ ♀ 8 54	10th Day.	☉ P. ♀ 11 24
☉ ♀ 12 8	☉ ♀ 13 36	☉ ♀ 17 51	☉ S * ♀ 5 41	☉ ♀ 12 5
☉ ♀ 12 46	☉ P. ♀ 21 14	☉ ♀ 21 55	☉ ♀ 9 14	☉ in ♀ 16 7
☉ ♀ 14 30	17th Day.	27th Day.	☉ ♀ 9 58	☉ * ♀ 18 16
☉ ♀ 21 20	☉ ♀ 1 45	☉ ♀ 0 15	☉ ♀ 17 45	25th Day.
7th Day.	☉ P. ♀ 4 0	☉ * ♀ 8 20	11th Day.	☉ ♀ 4 48
☉ ♀ 3 59	☉ in ♀ 5 0	28th Day.	☉ ♀ 0 39	☉ Ecl. in. 4 48
☉ S * ♀ 5 0	☉ ♀ 6 35	☉ ♀ 3 28	☉ ♀ 5 55	☉ S * ♀ 6 43
☉ * ♀ 6 0	☉ ♀ 13 2	☉ ♀ 4 41	☉ ♀ 18 4	☉ S * ♀ 19 12
☉ ♀ 7 28	☉ ♀ 14 1	☉ ♀ 18 39	12th Day.	26th Day.
☉ ♀ 7 41	☉ ♀ 17 10	29th Day.	☉ ♀ 2 43	☉ ♀ 6 24
☉ ♀ 8 56	18th Day.	☉ P. ♀ 3 26	☉ S * ♀ 11 15	☉ * ♀ 6 24
☉ ♀ 21 49	☉ ♀ 0 0	☉ ♀ 9 38	☉ ♀ 17 56	☉ ♀ 9 44
8th Day.	☉ ♀ 6 14	☉ * ♀ 16 0	13th Day.	27th Day.
☉ Apo. 7 0	☉ P. ♀ 7 40	☉ ♀ 17 50	☉ ♀ 3 16	☉ ♀ 0 28
☉ ♀ 7 19	☉ ♀ 8 54	30th Day.	14th Day.	☉ * ♀ 23 54
☉ ♀ 9 57	☉ ♀ 10 24	☉ ♀ 3 50	☉ ♀ 0 33	☉ ♀ 19 52
☉ Ses. ♀ 13 21	☉ ♀ 14 53	☉ S * ♀ 6 45	☉ ses. ♀ 21 21	☉ ♀ 21 51
9th Day.	☉ ♀ 17 15	☉ ♀ 10 52	☉ ♀ 23 15	☉ * ♀ 22 0
☉ ♀ 0 47	☉ ♀ 19 28	☉ ♀ 12 19	15th Day.	☉ S * ♀ 23 39
☉ ♀ 1 3	☉ ♀ 20 58	☉ ♀ 23 32	☉ ♀ 1 54	29th Day.
☉ * ♀ 1 4	19th Day.	31st Day.	☉ ♀ 3 26	☉ ♀ 9 43
☉ P. ♀ 3 12	☉ P. ♀ 0 22	☉ ♀ 2 20	16th Day.	☉ in ♀ 11 36
☉ ♀ 13 46	☉ ♀ 13 43	☉ ♀ 9 8	☉ ♀ 1 25	30th Day.
☉ S * ♀ 21 20	☉ * ♀ 19 27	☉ * ♀ 11 57	☉ ♀ 5 18	☉ * ♀ 3 36
☉ ♀ 21 28	20th Day.	☉ ♀ 13 13	☉ ♀ 9 3	☉ ♀ 6 27
☉ ♀ 23 35	☉ ♀ 1 58	APRIL.	17th Day.	☉ ♀ 10 16
10th Day.	☉ * ♀ 9 46	1st Day.	☉ ♀ 3 14	
☉ ♀ 8 42	☉ in ♀ 11 46	☉ ♀ 3 27	☉ S * ♀ 7 0	
☉ sta. 9 4	☉ ♀ 12 54	☉ ♀ 4 2	☉ * ♀ 8 17	
☉ P. ♀ 15 0	☉ ♀ 19 7	☉ S * ♀ 18 17	☉ ♀ 13 35	
	☉ ♀ 21 50		☉ ♀ 16 35	

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

MAY, 1846.

M	☉'s	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂
D	Node.	Dec.	Dec.	Dec.	Dec.	Lat.	Lat.	Lat.	Lat.	Lat.	Lat.
1	7 m 40	23 N 36	3 N 19	1 s 30	2 N 0	0 s 40	1 s 16	0 s 48	1 N 11	0 s 10	1 s 39
7	6 51	23 40	3 40	1 58	2 53	0 40	1 17	0 48	1 11	0 40	2 44
13	6 32	23 48	4 0	0 30	3 44	0 40	1 18	0 47	1 11	1 10	3 16
19	6 13	23 52	4 18	0 7	4 33	0 40	1 20	0 47	1 12	1 4	3 21
25	5 54	23 53	4 34	0 10	5 20	0 40	1 21	0 47	1 12	2	2 58

Right Asc.	☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂
of M. C.	Long.	Long.	Lat.	Dec.	Long.	Long.	Long.	Long.	Long.	Long.	Long.
1	2 36 8	10 8 42	18 25 51	5 s 1	17 N 10	11 57	29 30	20 8 26	23 38	25 38	7 22 59
2	2 40 4	11 40	0 48	5 15	14 52	11	0 29	34 20	40 24	17 26	0 22 55
3	2 44 1	12 38	12 42	5 15	11 58	11	4 29	37 20	54 24	55 26	54 22 56
4	2 47 57	13 36	24 36	5 2	8 35	12	7 29	41 21	9 25	33 27	48 23 2
5	2 51 54	14 34	6 35	4 36	4 49	12	10 29	44 21	2 26	11 28	43 23 12
6	2 55 50	15 32	18 43	3 57	0 49	12	13 29	48 21	37 26	49 29	38 23 27
7	2 59 47	16 30	1 5	3 7	3 17	12	16 29	51 21	52 27	27 0 34	23 46
8	3 3 44	17 28	13 43	2 7	7 21	12	19 29	54 22	6 28	6	1 30 24 10
9	3 7 40	18 26	26 39	0 58	11 11	12	22 29	57 22	20 28	44	2 26 24 38
10	3 11 37	19 24	9 55	1 15	14 34	12	25 0	0 22	34 29	22 3	23 25 10
11	3 15 33	20 22	23 30	1 29	17 14	12	28 0	3 22	48 0 22	1 4	21 25 46
12	3 19 30	21 20	7 22	2 39	18 57	12	31 0	6 22	52 0 39	5	19 26 27
13	3 23 26	22 18	21 28	3 41	19 31	12	34 0	8 23	17 1	17 6	17 27 11
14	3 27 23	23 16	5 43	4 29	18 51	12	37 0	11 23	31 1	55 7	16 27 58
15	3 31 19	24 14	20 4	5 16	59 12	40	0	14 23	43 2	33 8	15 28 49
16	3 35 16	25 11	4 25	5 15	14 4	12	43 0	16 23	59 3	11 9	15 29 43
17	3 39 13	26 9	18 43	5 9	11 20	12	46 0	18 24	13 3	49 10	15 0 8 41
18	3 43 9	27 7	2 55	4 44	6 11	12	49 0	21 24	27 4	27 11	15 1 42
19	3 47 6	28 5	16 59	4 2	1 26	12	50 0	23 24	42 5	5 12	16 2 46
20	3 51 2	29 2	0 53	3 6	3 12	12	52 0	25 24	56 5	44 13	16 3 53
21	3 54 59	0 14	36 2	2 1	7 37	12	55 0	27 25	18 6	22 14	17 5 2
22	3 58 55	0 58	28 7	0 49	11 35	12	58 0	29 25	25 7	0 15	19 6 14
23	4 2 52	1 55	11 8	0 s 24	14 54	13	0	31 25	39 7	38 16	21 7 29
24	4 6 48	2 53	24 33	1 34	17 24	13	3	32 25	53 8	16 17	23 8 47
25	4 10 45	3 51	7 26	2 39	18 57	13	5	34 26	7 8	54 18	26 10 8
26	4 14 42	4 48	20 5	3 34	19 32	13	8	35 26	21 9	32 19	28 11 31
27	4 18 38	5 46	2 31	4 18	19 8	13	10	37 26	45 10	10 20	31 12 57
28	4 22 35	6 43	14 46	4 49	17 51	13	12	38 26	50 10	48 21	33 14 25
29	4 26 31	7 31	26 50	5 7	15 47	13	15	39 27	4 11	26 22	37 15 56
30	4 30 28	8 38	8 47	5 12	13 14	13	17	40 27	18 12	4 23	40 17 30
31	4 34 24	9 34	20 40	5 3	9 50	13	19	41 27	32 12	42 24	44 19 6

☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂
Long.	Long.	Long.	Long.	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.
1	27 11 19	26 33	11 m 28	22 28	15 N 3	4 N 7	12 s 51	17 N 6	24 N 29	17 N 46	7 N 25
4	28 28 27	25 10	R 47	23 40	15 56	4 11	12 48	17 18	24 34	18 33	6 52
7	29 42 28	18 10	6 24	51 16	47	4 14	12 47	17 29	24 38	19 16	6 42
10	0 51 29	9 9	26 26	1 17	36	4 18	12 42	17 46	24 39	19 55	6 54
13	2 7 0 0	8 8	48 27	12 18	21	4 21	12 39	17 51	24 39	20 31	7 26
16	3 20 0	51 8	9 28	21 19	5	4 24	12 37	18 24	24 38	21 1	8 14
19	4 34 1	38 7	33 29	22 19	45	4 27	12 35	18 12	24 34	21 28	9 18
22	5 14 2	22 7	0 0 8	31 20	22	4 30	12 33	18 25	24 29	21 49	10 35
25	7 3 3	11 6	34 1	42 20	56	4 33	12 32	18 33	24 22	22 5	12 2
28	8 18 3	57 6	2 2	50 21	37	4 38	12 31	18 43	24 14	22 16	13 37

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

JUNE, 1846.

M	Node.	Dec.	Dec.	Dec.	Dec.	Lat.	Lat.	Lat.	Lat.	Lat.	Lat.
1	5m 32	23 N 50	4 N 49	0 N 30	6 N 12	0 s 40	1 s 22	0 s 46	1 N 12	2 s 15	2 s 9
7	5 13	23 44	4 58	0 28	6 55	0 41	1 24	0 46	1 13	2 24	1 9
13	4 53	23 35	5 4	0 29	7 37	0 41	1 25	0 46	1 13	2 27	0 3
19	4 44	23 5	6 6	0 23	8 16	0 41	1 26	0 45	1 12	2 26	0 57
25	4 15	23 8	5 4	0 13	8 53	0 41	1 28	0 45	1 11	2 22	1 38

Right Asc. of M. C.	Long.	Long.	Lat.	Decl.	Long.	Long.	Long.	Long.	Long.	Long.
h. m. s.	10 11 33	2m 33	4 s 41	6 N 12	13 21	0 43	27 8 45	13 20	25 47	20 8 45
1	4 38 21	11 31 14	30 4	7 2	19 13	23 0	44 27	59 13	58 26	52 22
2	4 42 18	12 28 26	37 3	21 1 s	44 13	25 0	45 28	13 14	36 27	56 24
3	4 46 14	13 26 8	58 2	25 5	47 13	27 0	46 28	27 15	14 29	1 25
4	4 50 11	14 23 21	38 1	21 9	42 13	29 0	46 28	41 15	52 0	8 52
5	4 54 7	15 20 4	m 40	0 11	13 16	31 0	47 28	55 16	29 1	9 29
6	4 58 4	16 18 18	7 1	N 2	16 15	34 0	48 29	9 17	7 2	15 1
7	5 2 0	17 15 1	58 2	13 18	24 13	36 0	48 29	23 17	45 3	20 3
8	5 5 57	18 12 16	11 3	17 19	28 13	38 0	49 29	37 18	23 4	25 5
9	5 9 53	19 10 0	43 4	11 19	17 13	40 0	49 29	50 19	1 5	31 7
10	5 13 50	20 7 15	26 4	48 17	48 13	42 0	49 0	11 4	19 39	6 37
11	5 17 46	21 4 0	33 5	7 15	7 13	44 0	s 49	0 17	20 17	7 42
12	5 21 43	22 2 14	56 5	11 30	13 45	0 49	0	30 20	55 8	48 13
13	5 25 40	23 59 29	4 43	7 14	13 47	0 49	0	44 21	33 9	55 15
14	5 29 36	24 53 27	47 3	12 2	N 3	50 0	48 1	10 22	49 12	7 19
15	5 33 33	25 51 11	30 2	9 6	32 13	52 0	47 1	14 23	27 13	14 22
16	5 37 29	26 48 24	57 1	0 10	36 13	53 0	46 1	27 24	5 14	21 24
17	5 41 26	27 45 8	8 0	s 11	14 3	54 0	46 1	50 24	42 15	27 26
18	5 45 22	28 42 21	5 1	20 16	46 13	56 0	45 2	4 25	20 16	35 28
19	5 49 19	29 39 51	2 23	18 35	13 57	0 44	2	17 25	58 17	42 0
20	5 53 15	30 37 16	25 3	19 19	28 13	58 0	43 2	30 26	36 18	49 3
21	5 57 12	31 34 28	50 4	4 19	23 13	59 0	42 2	44 27	14 19	57 5
22	6 1 9	32 31 11	5 4	37 18	2 14	0 0	41 2	57 27	52 21	4 7
23	6 5 5	33 29 23	11 4	57 16	35 14	1 0	39 3	10 28	30 22	12 9
24	6 9 2	34 26 5	11 5	4 14	4 14	2 0	37 3	24 29	8 23	20 11
25	6 12 58	35 23 17	5 4	57 11	0 14	3 0	35 3	37 29	46 24	27 13
26	6 16 55	36 20 28	56 4	38 7	30 14	4 0	33 3	50 0	24 25	35 15
27	6 20 51	37 18 10	47 4	7 3	43 14	6 0	31 4	3 1	22 6	43 17
28	6 24 48	38 15 22	43 3	25 0	s 15	14 7	0 29	4 16	1 39	27 52
29	6 28 45	39 12 43	3 25	0 s	15 14	7 0	29 4	16 1	39 27	52 19
30	6 32 41	40 10 27	3 27	14 9	23 18	4 56	12 39	20 12	21 16	16 56

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

FOR MAY AND JUNE, 1846.

[illegible]

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

JULY, 1846.

M D	☉'s Node.	☾ Dec.	♀ Dec.	♂ Dec.	♀ Dec.	♄ Lat.	♅ Lat.	♆ Lat.	♇ Lat.	♀ Lat.	♂ Lat.
1	3m 57	22 50	0 s 3	4 N 58	1 N 26	0 s 41	1 s 28	0 s 45	1 N 12	2 s 15	1 s 52
7	3 38	22 27	0 19	4 46	0 58	0 42	1 29	0 45	1 12	2 4	1 43
13	3 19	22 3	0 42	4 27	10 27	0 42	1 31	0 45	1 11	1 51	1 12
19	3 0	21 36	1 6	4 2	19 54	0 42	1 32	0 45	1 10	1 36	0 23
25	2 41	21 6	1 35	4 31	19 19	0 42	1 32	0 45	1 10	1 21	0 s 56

	Right Asc. of M. C.	☉ Long.	☾ Long.	♀ Lat.	♂ Decl.	♄ Long.	♅ Long.	♆ Long.	♇ Long.	♀ Long.	♂ Long.
1	h. m. s.	9 22 12	4 47	2 s 33	4 s 15	14 7	0 27	4 29	2 18	29 8	0 21 22 47
2	6 40 34	10 9 17	6 1 33	8 9 14	8 0 25	4 41	2 56	0 11 8 23	44		
3	6 44 31	11 6 29	43 0 27	11 48 14	9 0 24	4 54	3 34	1 17 25	38		
4	6 48 27	12 4 12	m 42	15 0 14	10 0 22	5 7	4 11	2 26 27	36		
5	6 52 24	13 1 26	12 1 51	17 31 14	11 0 20	5 19	4 49	3 34 29	20		
6	6 56 21	13 58 10	↑ 8 2	56 19	5 14 12	0 18	5 31	5 27	4	42	1 9
7	7 0 17	14 55 24	32 3	52 19	29 14	13 0	16 5	4 6	4 5	52	2 55
8	7 4 14	15 52 9	20 4	33 18	35 14	14 0	14 5	56 6	42 7	6	4 40
9	7 8 10	16 49 24	23 4	57 16	23 14	15 0	11 6	8 7	20 8	9 6	22
10	7 12 7	17 47 9	32 5	0 13	3 14 15	0 8	6 21	7 58	9	19	8 2
11	7 16 3	18 44 24	37 4	43 8	53 14	15 0	5 6	33 8	36 10	28	9 41
12	7 20 0	19 41 9	28 4	6 4	14 14	15 0	2 6	45 9	14 11	37	11 18
13	7 23 56	20 38 23	58 3	14 0	N 35	14 16	29 59	6 57	9 52	12	52
14	7 27 53	21 36 8	7 6	2 12	5 14	14 16	29 56	7 9	10 30	13	56 14 25
15	7 31 49	22 33 21	49 1	3 9	29 14	16 29	53	7 21	11 7	15	6 15 55
16	7 35 46	23 30 5	8 9	0 s 7	13 8	14 16	29 49	7 32	11 45	16	16 17 22
17	7 39 43	24 27 18	10 1	15 16	3 14	14 16	29 46	7 43	12 23	17	25 18 49
18	7 43 39	25 25 0	11 54	2 18	18 6	14 16	29 43	7 55	13 1	18	35 20 13
19	7 47 36	26 22 13	25 3	13 19	14 14	16 29	39	8 6	13 38	19	45 21 35
20	7 51 32	27 19 25	45 3	58 19	26 14	16 29	36	8 18	14 16	20	55 22 55
21	7 55 29	28 16 7	56 4	31 18	42 14	16 29	32	8 29	14 55	22	5 24 12
22	7 59 25	29 14 20	1 4	52 17	9 14	16 29	28	8 41	15 33	23	15 25 28
23	8 3 22	0 11 2	2 5	0 14	52 14	16 29	25	8 52	16 10	24	26 26 41
24	8 7 18	1 8 13	54 4	5 11	58 14	16 29	21	9 3	16 48	25	36 27 52
25	8 11 15	2 6 25	46 4	36 8	37 14	16 29	17	9 14	17 27	26	46 29 0
26	8 15 12	3 3 7	m 36	4 6	4 55	14 16	29 13	9 25	18 4	27	57 0 m 6
27	8 19 8	4 1 19	28 3	25 1	2 14	16 29	10	9 36	18 42	29	7 1 9
28	8 23 5	4 58 1	22 2	33 2	s 55	14 15	29 6	9 47	19 20	0 18	2 10
29	8 27 1	5 5 13	2 1	1 37	6 48	14 15	29 2	9 58	19 59	1	29 3 7
30	8 30 58	6 53 25	44 0	38 10	28 14	14 28	58	10 9	20 37	2	39 4 2
31	8 34 54	7 50 8	m 18	0 N 39	13 46	14 13	28 54	10 19	21 14	3	50 4 53

	☉ Long.	♀ Long.	♂ Long.	♀ Long.	☉ Decl.	♄ Decl.	♅ Decl.	♆ Decl.	♇ Decl.	♀ Decl.	♂ Decl.
1	22 22 59	3m 27	11 7	8 15	8 11	23 N 8	4 N 57	12 s 41	20 N 19	20 N 50	17 N 46
4	24 19	3 30	11 36	16 11	22 55	4 58	12 44	20 26	20 24	18 33	22 30
7	25 25	3 37	11 53	17 6	22 37	4 58	12 47	20 33	19 56	19 16	21 12
10	26 38	3 47	12 10	18 7	22 16	4 59	12 50	20 39	19 27	19 55	19 43
13	28 20	4 0	12 27	19 5	21 52	4 59	12 54	20 45	18 56	20 31	18 7
16	29 52	4 15	12 45	20 3	21 25	5 0	12 58	20 51	18 27	21 1	16 27
19	1 16	4 33	13 1	21 0	20 54	5 0	13 2	20 57	17 52	21 28	14 43
22	2 36	4 53	13 19	21 54	20 20	5 0	13 6	21 17	18 21	49	12 59
25	3 54	5 13	13 31	23 0	19 42	4 59	13 10	21 7	16 44	22 5	11 17
28	5 42	5 44	13 54	23 39	19 2	4 59	13 14	21 12	16 8	22 16	9 39

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

AUGUST, 1846.

M D	☿'s Node.	♂ Dec.	♀ Dec.	♂ Dec.	♀ Dec.	♄ Lat.	♅ Lat.	♆ Lat.	♁ Lat.	♂ Lat.	♀ Lat.	♄ Lat.
1	2 m 18	20 N 28	2 s 9	2 N 46	11 N 44	0 s 42	1 s 34	0 s 45	1 N 9	1 s 1	1 s 55	
7	1 59	19 52	2 40	1 59	12 4	0 42	1 34	0 46	1 7	0 42	3 7	
13	1 40	19 14	3 13	1 3	12 21	0 42	1 35	0 46	1 6	0 24	4 9	
19	1 21	18 26	3 46	0 0	12 36	0 43	1 36	0 46	1 5	0 5	4 41	
25	1 2	17 50	4 21	1 13	12 48	0 43	1 36	0 46	1 3	0 N 12	4 15	

	Right Asc. of M. C.	☿ Long.	♂ Long.	♀ Lat.	♄ Dec.	♅ Long.	♆ Long.	♁ Long.	♁ Long.	♂ Long.	♀ Long.	♄ Long.
1	h. m. s.	8 38 51	8 48	21 m 15	1 N 40	16 s 29	14 13	28 51	10 30	21 51	5 1	5 m 42
2	8 42 47	9 45	4 38	2 43	18 24	14 R 12	28 R 47	10 40	22 30	6 13	6	27
3	8 46 44	10 42	18 30	3 40	19 19	14 11	28 44	10 50	23 8	7 23	7	8
4	8 50 41	11 40	2 52	4 24	19 2	14 10	28 39	10 59	23 46	8 34	7	46
5	8 54 37	12 37	17 41	4 52	17 27	14 9	28 35	11 9	24 24	9 45	8	20
6	8 58 34	13 35	2 49	5 14	39 14	8 28	31 11	19 25	2 10	57 8	49	
7	9 2 30	14 32	18 8	4 48	10 50	14 7	28 27	11 28	25 39	12 9	9	14
8	9 6 27	15 30	3 26	4 15	6 17	14 5	28 23	11 38	26 18	13 20	9	35
9	9 10 23	16 27	18 31	3 23	1 24	14 5	28 19	11 48	26 56	14 31	9	51
10	9 14 20	17 25	3 16	2 21	3 N 27	14 4	28 14	11 57	27 34	15 43	10	2
11	9 18 16	18 23	17 34	1 10	7 59	14 3	28 9	12 7	28 12	16 54	10	7
12	9 22 13	19 20	1 25	0 s 3	11 56	14 2	28 5	12 16	28 50	18 6	10	8
13	9 26 10	20 18	14 48	1 13	15 8	14 1	28 0	12 25	29 28	19 18	10 R	3
14	9 30 6	21 15	27 48	2 18	17 27	14 0	27 56	12 34	0 m 6	20 30	9	52
15	9 34 3	22 13	10 28	3 14	18 50	13 5	27 51	12 43	0 45	21 42	9	37
16	9 37 59	23 11	22 52	3 59	19 17	13 5	27 47	12 52	1 23	22 53	9	15
17	9 41 56	24 9	5 23	4 33	18 49	13 5	27 42	13 1	2 124	5 8	47	
18	9 45 52	25 6	17 7	4 54	17 29	13 5	27 38	13 10	2 39	25 18	8	14
19	9 49 49	26 4	29 4	5 3	15 25	13 5	27 33	13 18	3 17	26 28	7	37
20	9 53 45	27 2	10 57	4 57	12 43	13 5	27 29	13 26	3 55	27 41	6	55
21	9 57 42	28 0	22 49	4 39	9 31	13 5	27 24	13 34	4 33	28 54	6	8
22	10 1 39	28 58	4 m 40	4 9	5 56	13 5	27 20	13 42	5 11	0 7	5	18
23	10 5 35	29 56	16 33	3 28	2 7	13 4	27 15	13 50	5 49	1 19	4	23
24	10 9 3	0 m 53	28 28	2 38	1 s 48	13 4	27 11	13 57	6 27	2 31	3	31
25	10 13 28	1 51	10 29	1 40	5 41	13 4	27 6	14 4	7 5	3 44	2	37
26	10 17 25	2 49	22 38	0 37	9 23	13 4	27 2	14 11	7 44	4 57	1	44
27	10 21 21	3 47	4 m 58	0 N 30	12 43	13 4	27 57	14 18	8 22	6 9	0	52
28	10 25 18	4 45	17 34	1 36	15 33	13 4	27 52	14 24	9 1	7 22	0	0
29	10 29 14	5 43	0 29	2 39	17 41	13 4	27 40	14 31	9 39	8 35	29	11
30	10 33 11	6 41	13 47	3 35	18 55	13 4	27 39	14 37	10 17	9 48	28	30
31	10 37 7	7 40	27 31	4 21	19 5	13 4	27 38	14 43	10 55	11 0	27	36

	☿ Long.	♂ Long.	♀ Long.	♄ Long.	♅ Dec.	♆ Dec.	♁ Dec.	♁ Dec.	♁ Dec.	♁ Dec.	♁ Dec.	♁ Dec.
1	6 51	6 m 13	14 m 18	24 46	18 N 4	4 N 58	13 N 21	21 N 18	15 N 15	22 N 22	7 N 39	
4	7 49	6 43	14 36	25 35	17 18	4 57	13 25	22 14	41 22	21 6	20	
7	7 38	7 12	14 55	26 22	16 29	4 56	13 30	22 16	4 22	13 5	14	
10	11 6	7 42	15 14	27 8	15 38	4 55	13 35	22 30	13 23	22 0	4	25
13	12 0	8 9	15 27	27 53	14 44	4 54	13 40	22 33	12 42	21 4	3	58
16	13 25	8 51	15 45	28 38	13 48	4 52	13 45	22 37	12 12	17 3	56	
19	15 16	9 31	16 42	29 17	12 50	4 50	13 50	22 40	11 20	20 48	4	23
22	16 35	10 10	15 50	29 56	10 51	4 49	13 55	22 42	10 37	20 12	5	17
25	17 57	11 7	15 36	0 32	10 49	4 47	14 0	22 45	9 54	19 32	6	35
28	19 21	11 35	14 54	1 6	9 46	4 45	14 4	22 48	9 11	18 47	8	5

ASPECTARIAN

FOR JULY AND AUGUST, 1846.

JULY.		13th Day.		h. m.		7th Day.		20th Day.	
First Day. h. m.		h. m.		h. m.		h. m.		h. m.	
☉ △ 24	0 0	☿ in ☿	- -	☉ S ☐ H	6 33	☉ per.	1 0	☉ * 24	5 5
☿ ☉ 0	0 0	☉ △ 7	5 1	☿ ☉ 6	43	☉ S ☐ H	2 17	☉ △ H	5 47
☿ ☉ 9	24	☉ .. H	15 16	☿ .. 6	51	☿ ses. ☉	11 51	☉ ☉ 10	6
☿ ☉ 18	0	☉ * 22	20	☿ .. 10	43	☿ ☉ 12	20	☉ ☉ 12	30
☉ H 18	30	☉ 14th Day.		☉ ☐ 3	44	☿ ☉ 16	53	☉ in ☉	14 58
2nd Day.		☉ △ 4	24	☿ ses. H	4 0	☿ P. H	22 3	☉ apo.	22 0
☉ ses. 24	5 6	☉ * H	6 16	☉ S ☐ ☉	20 33	8th Day.		21st Day.	
☉ ☐ 6	25	☉ .. 11	9	☉ 27th Day.		☉ ☐ 24	9 56	☉ P. H	4 35
☉ .. 12	28	☉ .. H	12 23	☉ △ 6	24	☉ ☐ 13	12	☉ gr. H.	5 58
☉ △ 14	51	☉ .. △ 12	28	☉ ☐ 21	49	☉ △ 17	5	☉ ☉ 10	2
☉ P. .. 22	46	☉ S ☐ 13	28	☉ 28th Day.		☉ aph. 19	23	☉ ☉ 11	25
3rd Day.		15th Day.		☉ aph. 0	0	10th Day.		☉ ses. H	12 44
☉ △ 1	17	☉ S ☐ 14	0	☉ ☐ 6	58	☉ ses. ☉	2 25	☉ ses. .. 20	48
☉ ☐ 9	30	☉ .. ☐ 1	24	☉ * 7	44	☉ △ 13	34	22nd Day.	
24 P. 19	38	☉ P. 14	0	☉ .. 7	44	☉ ses. 14	45	☉ ☉ 0	51
4th Day.		☉ ☐ 14	1	☉ gr. e. 13	46	☉ * 17	5	☉ ☉ 5	26
☉ ☐ 3	51	☉ * 14	30	☉ △ 16	56	☉ ☉ H	19 34	☉ ☐ 10	27
☉ .. 21	13	16th Day.		☉ 29th Day.		☉ sta. 20	3	24 * H	20 21
☉ ses. 22	18	☉ ☉ 12	49	☉ ☉ 1	32	☉ ☉ 21	41	☉ S ☐ 23	13
5th Day.		17th Day.		☉ ☐ 6	43	☉ ☉ 22	17	23rd Day.	
☉ ☐ 6	39	☉ ☉ 1	20	☉ * 13	27	11th Day.		☉ in ☐	- -
☉ ☉ 13	50	☉ P. 6	24	☉ 30th Day.		☉ △ 1	31	☉ ☉ 5	52
☉ ☉ 14	52	☉ * 12	48	☉ △ 6	12	☉ * 18	15	24th Day.	
☉ 24 15	49	☉ S ☐ H 20	25	☉ * 15	41	☉ △ 19	26	☉ in -	- -
☉ ses. H 15	49	☉ qu. 24	57	☉ △ 16	6	12th Day.		☉ * 8	58
6th Day.		☉ ☐ 21	36	☉ ☐ 20	3	☉ △ 15	32	25th Day.	
24 * 3	26	18th Day.		31st Day.		☉ ☐ 21	17	☉ ☉ H	6 29
☉ ☐ 5	49	☉ * 0	0	☉ in aph. 19	0	13th Day.		☉ △ 7	9
☉ △ 6	45	☉ * 12	58	AUGUST.		☉ * 9	7	☉ * 9	35
☉ in ☉ 22	56	☉ S ☐ ☉ 22	43	☉ ses. ☉ 0	0	☉ ☐ 10	51	☉ S ☐ 10	52
7th Day.		☉ .. 23	12	☉ ☐ 1	0	14th Day.		☉ * 15	20
☉ ☉ 7	37	19th Day.		☉ ☉ 6	0	☉ P. 0	0	☉ ☉ 21	39
☉ ses. H 8	33	☉ ☐ 7	39	☉ ses. H 12	0	☉ ☐ 0	30	26th Day.	
☉ * 9	18	☉ ☉ 13	15	☉ .. H 13	32	☉ S ☐ H 2	18	☉ △ 0	44
☉ 24 14	19	☉ * 17	15	2nd Day.		☉ ☉ 6	6	☉ S ☐ 1	0
8th Day.		☉ P. 18	0	☉ ☐ 3	18	☉ S ☐ 14	0	☉ * 16	33
☉ * 6	11	☉ sta. 22	39	☉ 4th Day.		☉ ☐ 22	32	☉ * 21	30
☉ ☐ H 7	46	☉ △ 23	22	☉ qu. 4	37	15th Day.		27th Day.	
☉ ☉ 11	11	20th Day.		☉ △ 4	50	☉ sta. 0	0	☉ * 2	30
☉ ses. 24	18 17	Void.		☉ .. 9	30	☉ ☉ 3	41	☉ ☐ 6	50
24 P. 20	50	21st Day.		☉ ☉ 10	34	☉ * 5	56	28th Day.	
9th Day.		☉ ☐ H 12	33	☉ * 12	0	☉ H 6	48	☉ ☐ 3	26
☉ ☉ 2	56	☉ in ☉ 15	21	☉ △ H 16	33	16th Day.		☉ ☐ 17	39
☉ peri. 16	0	☉ P. 19	28	3rd Day.		☉ S ☐ ☉ 2	35	☉ ses. H	19 25
☉ △ 18	54	22nd Day.		☉ * 3	55	☉ S ☐ 9	49	☉ ☐ 21	15
☉ .. 21	37	☉ S ☐ 4	12	☉ △ 8	6	☉ △ 9	49	29th Day.	
☉ ☉ 22	29	☉ .. 20	2	☉ * 16	58	☉ P. 14	24	☉ P. 10	0
☉ .. 22	43	23rd Day.		4th Day.		☉ * 17	42	☉ ☐ 10	19
10th Day.		☉ in ☐ 0	0	☉ ☐ H 6	57	17th Day.		☉ △ 16	3
☉ * H 7	27	☉ ☉ 2	10	☉ * 8	0	☉ S * 6	21	☉ ☐ 17	21
☉ P. 18	17	☉ * 14	4	☉ .. 8	15	☉ ses. 7	6	☉ P. 23	4
11th Day.		24th Day.		☉ ses. 8	40	☉ * 11	8	☉ △ H 23	46
☉ ☉ 12	24	☉ ☐ H 0	41	☉ ☐ 10	3	☉ H 17	41	30th Day.	
☉ ses. 18	17	☉ ☉ 6	0	6th Day.		18th Day.		☉ 24	1 30
☉ △ 19	31	☉ .. 10	17	☉ S * 8	46	☉ S ☐ 0	0	☉ P. 15	0
12th Day.		☉ qu. H 14	42	☉ ☉ 9	39	☉ qu. 24	1 55	☉ S * 21	11
☉ ☐ 3	54	☉ apo. 19	0	☉ △ 13	27	☉ ☉ 18	14	☉ △ 22	26
☉ △ 18	6	25th Day.		☉ H 13	39	19th Day.		☉ Bq. H 22	49
☉ * 18	28	☉ * 2	15	☉ ☉ 18	0	☉ P. 16	0	31st Day.	
☉ ☐ 19	31	☉ ses. H 5	53	☉ * 21	56			☉ △ 0	30

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

SEPTEMBER, 1846.

M D	☾'s Node.	☾ Dec.	♂ Dec.	♀ Dec.	♀ Dec.	♄ Lat.	♄ Lat.	♄ Lat.	♂ Lat.	♀ Lat.	♀ Lat.
1	0m40	16N48	5S 1	2S47	13N 0	0S43	1S37	0S46	1N 3	0N31	2S 30
7	0 21	16 12	5 38	4 13	13 7	0 43	1 36	0 46	1 1	0 46	0 47
13	0 2	15 24	6 13	5 44	13 12	0 43	1 36	0 47	1 0	0 58	0N 52
19	29 43	14 35	6 49	7 18	13 16	0 43	1 36	0 47	1 57	1 10	1 40
25	29 24	13 56	7 23	8 52	13 19	0 43	1 36	0 47	1 56	1 19	1 52

	Right Asc. of M. C.	☉ Long.	☾ Long.	♂ Lat.	♄ Dec.	♄ Long.	♄ Long.	♄ Long.	♂ Long.	♀ Long.	♀ Long.
1	h. m. s.	8m38	11 42	4N53	18S 5	13 35	26 34	14 50	11 34	12 13	27 30
2	10 41 4	9 36	26 20	5 7	15 52	13 33	26 30	14 56	12 12	13 26	27 9
3	10 48 57	10 34	11 18	5 12	35 13	31 26	25 15	1 12	51 14	39 26	55
4	10 52 54	11 32	26 33	4 33	8 24	13 29	26 21	15 7	13 29	15 52	26 51
5	10 56 50	12 30	11 54	3 46	3 40	13 27	26 17	15 13	14 7	17 5	26 56
6	11 0 47	13 28	26 52	2 44	1N13	13 25	26 13	15 18	14 46	18 19	27 9
7	11 4 43	14 27	11 43	1 31	6 2	13 22	26 9	15 23	15 24	19 32	27 31
8	11 8 40	15 25	26 9	0 14	10 20	13 20	26 5	15 29	16 3	20 45	28 2
9	11 12 36	16 23	10 8	1S 1	13 54	13 18	26 1	15 34	16 41	21 58	28 42
10	11 16 33	17 22	30 45	2 11	16 35	13 16	25 57	15 38	17 20	23 12	29 30
11	11 20 30	18 20	6 11	3 11	18 18	13 14	25 52	15 43	17 58	24 25	0m26
12	11 24 26	19 19	19 27	4 1	19 2	13 12	25 48	15 48	18 37	25 39	1 28
13	11 28 23	20 17	1 51	4 37	18 49	13 10	25 44	15 52	19 15	26 53	2 37
14	11 32 19	21 16	14 1	5 1	17 44	13 8	25 40	15 56	19 54	28 7	3 53
15	11 36 16	22 14	26 1	5 10	15 53	13 6	25 36	16 1	20 32	29 20	5 16
16	11 40 12	23 13	7 54	5 7	13 22	13 3	25 33	16 5	21 11	0m34	6 44
17	11 44 9	24 11	19 46	4 50	10 19	13 2	25 29	16 9	21 49	1 48	8 15
18	11 48 5	25 10	1m37	4 21	6 51	12 59	25 25	16 12	22 28	3 2	9 50
19	11 52 26	26 9	13 31	3 40	3 6	12 56	25 22	16 16	23 6	4 15	12 28
20	11 55 59	27 7	25 9	2 49	0S 48	12 54	25 18	16 19	23 45	5 29	13 9
21	11 59 55	28 6	7 33	1 51	4 41	12 52	25 15	16 22	24 23	6 43	14 54
22	12 3 52	29 5	19 45	0 46	8 26	12 49	25 12	16 24	25 2	7 57	16 40
23	12 7 48	0 4	2m 6	0N 22	11 52	12 47	25 9	16 26	25 40	9 11	18 26
24	12 11 45	1 2	14 38	1 29	14 49	12 45	25 6	16 28	26 19	10 25	20 13
25	12 15 41	2 1	27 23	2 34	17 6	12 42	25 3	16 30	26 58	11 40	22 2
26	12 19 38	3 0	10 25	3 32	18 32	12 40	25 0	16 32	27 37	12 54	23 50
27	12 23 34	3 59	23 44	4 20	18 59	12 38	25 57	16 33	28 16	14 8	25 39
28	12 27 31	4 58	7 24	5 55	18 21	12 35	25 54	16 35	28 55	15 22	27 28
29	12 31 28	5 57	21 25	5 13	16 36	12 33	25 52	16 37	29 34	16 37	29 17
30	12 35 24	6 56	5 46	5 12	13 48	12 31	25 49	16 38	0 13	17 51	1 6

	☉ Long.	♀ Long.	♂ Long.	♀ Long.	☉ Decl.	♄ Decl.	♄ Decl.	♄ Decl.	♂ Decl.	♀ Decl.	♀ Decl.
1	21 10	12m31	11 32	1 51	8N20	4N42	14S 11	21N50	8N12	17N39	10N 1
4	22 29	13 15	11 9	2 18	7 15	4 40	14 15	21 52	7 27	16 43	11 8
7	23 57	14 2	10 26	2 45	6 8	4 37	14 19	21 54	6 42	15 42	11 46
10	25 27	14 49	9 40	3 7	4 59	4 35	14 24	21 55	5 57	14 38	11 51
13	26 47	15 36	9 1	2 30	3 51	4 32	14 28	21 57	5 11	13 29	11 21
16	27 33	16 24	8 20	3 49	2 42	4 29	14 32	21 58	4 24	12 18	10 19
19	29 27	17 12	7 36	4 3	1 32	4 27	14 35	21 59	3 38	11 3	8 49
22	0 30	18 9	6 54	4 14	0 22	4 25	14 39	21 59	2 51	9 45	6 58
25	1 55	19 1	6 3	4 22	0S48	4 22	14 42	22 0	2 4	8 25	4 53
28	3 44	19 47	5 12	4 30	1 51	4 19	14 43	22 0	1 17	7 2	2 39

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

OCTOBER, 1846.

M D	☾ Node.	♊ Dec.	♋ Dec.	♌ Dec.	♍ Dec.	♎ Lat.	♏ Lat.	♐ Lat.	♑ Lat.	♒ Lat.	♓ Lat.
1	29 4	12 54	8 s 0	10 s 2	13 20	0 s 43	1 s 35	0 s 48	0 N 55	1 N 25	1 N 38
7	28 45	12 4	8 29	11 5	13 20	0 43	1 35	0 48	0 52	1 28	1 8
13	28 26	11 13	9 1	13 21	13 20	0 43	1 35	0 48	0 51	1 30	0 31
19	28 7	10 21	9 31	14 36	13 17	0 43	1 34	0 48	0 49	1 29	0 s 9
25	27 48	9 31	9 59	15 41	13 15	0 43	1 34	0 48	0 47	1 25	0 49

	Right Asc. of M. C.	☾ Long.	♊ Long.	♋ Lat.	♌ Decl.	♍ Long.	♎ Long.	♏ Long.	♐ Long.	♑ Long.	♒ Long.
1	12 39 21	7 55	20 24	4 N 52	10 s 5	12 28	24 25	16 39	0 51	19 5	2 54
2	12 43 17	8 54	5 15	4 12	5 41	12 26	24 43	16 40	1 30	20 9	4 42
3	12 47 14	9 53	20 11	3 14	0 55	12 24	24 41	16 41	2 9	21 34	6 29
4	12 51 10	10 52	5 4	2 4	3 N 54	12 21	24 38	16 41	2 48	22 49	8 15
5	12 55 7	11 52	19 46	0 46	8 27	12 19	24 35	16 s 41	3 27	24 31	0 1
6	12 59 3	12 51	4 8	0 s 34	12 23	12 17	24 33	16 40	4 6	25 18	11 46
7	13 3 0	13 50	18 12	1 49	15 31	12 14	24 31	16 40	4 44	26 32	13 30
8	13 6 56	14 49	1 48	2 56	17 39	12 12	24 29	16 40	5 23	27 46	15 14
9	13 10 53	15 49	14 59	3 52	18 46	12 10	24 27	16 39	6 2	29 11	16 57
10	13 14 50	16 48	27 46	4 34	18 53	12 7	24 25	16 38	6 41	0 16	18 39
11	13 18 46	17 47	10 14	5 2	18 31	12 5	24 23	16 37	7 20	1 30	20 2
12	13 22 43	18 47	23 26	5 15	16 24	12 3	24 21	16 36	8 0	2 45	22 2
13	13 26 39	19 46	4 26	5 15	14 4	12 0	24 20	16 35	8 39	4 0	23 42
14	13 30 36	20 46	16 20	5 11	10 12	58 24	18 18	34 9	9 18	5 15	25 21
15	13 34 32	21 45	28 11	4 35	7 49	11 56	24 17	32 9	9 57	6 30	27 0
16	13 38 29	22 45	10 3	3 56	4 10	11 53	24 16	30 10	9 36	7 45	28 38
17	13 42 25	23 45	22 0	3 7	0 19	11 51	24 15	28 11	15 9	0 0	m 15
18	13 46 22	24 44	4 5	2 9	3 s 36	11 48	24 14	26 11	15 50	1 15	1 52
19	13 50 19	25 44	16 20	1 5	7 25	11 45	24 13	23 12	14 11	30 3	28 4
20	13 54 15	26 44	28 47	0 N 4	10 59	11 43	24 12	20 13	13 12	45 5	4
21	13 58 12	27 43	11 26	1 14	14 6	11 41	24 11	17 13	12 52	14	0 6
22	14 2 8	28 43	24 18	2 21	16 35	11 38	24 10	13 14	31 15	15 8	13
23	14 6 5	29 43	7 24	3 22	18 15	11 36	24 9	16 9	15 11	16 30	9 47
24	14 10 1	30 43	20 43	4 13	18 56	11 34	24 9	16 5	15 50	17 45	11 20
25	14 13 58	1 43	4 15	4 50	18 33	11 31	24 8	16 1	16 29	19	0 12
26	14 17 54	2 43	18 1	5 12	17 5	11 29	24 8	15 57	17 8	20 15	14 25
27	14 21 51	3 43	1 35	5 17	14 35	11 27	24 7	15 52	17 48	21 30	15 57
28	14 25 48	4 43	16 9	5 21	12 11	11 24	24 7	15 47	18 27	22 45	17 28
29	14 29 44	5 43	0 27	4 28	7 8	11 22	24 s	15 42	19 7	24 0	18 59
30	14 33 41	6 43	14 53	3 37	2 37	11 20	24 7	15 37	19 46	25 15	20 30
31	14 37 37	7 43	29 21	2 33	2 N 5	11 18	24 8	15 32	20 26	26 30	21 0

	☾ Long.	♊ Long.	♋ Long.	♌ Long.	♍ Decl.	♎ Decl.	♏ Decl.	♐ Decl.	♑ Decl.	♒ Decl.
1	4 44	20 m 48	4 47	4 33	3 s 8	4 N 16	14 s 47	22 N 0	0 N 30	5 N 38
4	6 11	21 44	3 27	4 35	4 18	4 13	14 50	22 1	0 s 17	4 12
7	7 31	22 40	2 35	4 28	5 28	4 10	14 52	22 0	1 5	2 44
10	9 50	23 37	1 51	4 19	6 36	4 8	14 54	22 0	1 52	1 16
13	10 11	24 33	1 14	4 6	7 44	4 5	14 55	22 0	2 39	0 13
16	11 30	25 30	0 43	3 57	8 51	4 2	14 56	21 59	3 26	1 42
19	12 50	26 27	29 22	3 30	9 57	3 59	14 57	21 58	4 13	3 11
22	14 12	27 24	29 10	2 0	11 1	3 57	14 58	21 57	5 0	4 40
25	15 28	28 22	28 18	2 35	12 4	3 54	14 58	21 56	5 46	6 8
28	16 46	29 27	28 9	2 58	13 7	3 52	14 58	21 55	6 33	7 35

ASPECTARIAN

FOR SEPTEMBER AND OCTOBER, 1846.

SEPTEMBER.		h. m.		25th Day.		5th Day.		h. m.		18th Day.	
1st Day. h. m.		... 23 41	h. m.	☾☐☐ 8 43	☾sta. 0 51	☾☐☐ 4 13			☾☐☐ 13 20		
☾☐☐ 0 0	12th Day.	☿♂♂ 3 5	☾☐☐ 9 13	☾☐☐ 9 13	☾☐☐ 8 1	☾☐☐ 13 20			☾☐☐ 16 12		
☾☐☐ 0 0	☿♂♂ 6 0	☾☐☐ 12 14	☾☐☐ 9 52	☾☐☐ 9 52	☾☐☐ 9 58	☾☐☐ 16 12			☾☐☐ 17 15		
☾☐☐ 1 22	☾☐☐ 12 14	☾☐☐ 13 20	☾☐☐ 17 43	☾☐☐ 17 43	6th Day.	☾☐☐ 17 15			19th Day.		
☾☐☐ 3 0	☾☐☐ 13 20	☾☐☐ 15 5	☾☐☐ 26th Day.	☾☐☐ 26th Day.	☾☐☐ 5 4	☾☐☐ 0 10			☾☐☐ 4 49		
2nd Day.	☾☐☐ 15 5	13th Day.	☾☐☐ 3 53	☾☐☐ 3 53	☾☐☐ 15 50	☾☐☐ 15 11			☾☐☐ 19 44		
☾☐☐ 2 0	☾☐☐ 1 41	☾☐☐ 13 54	☾☐☐ 4 2	☾☐☐ 4 2	☾☐☐ 20 26	☾☐☐ 20 26			20th Day.		
☾☐☐ 6 51	☾☐☐ 13 54	☾☐☐ 18 41	☾☐☐ 5 23	☾☐☐ 5 23	☾☐☐ 7th Day.	☾☐☐ 7 45			☾☐☐ 12 45		
☾☐☐ 23 40	☾☐☐ 22 12	☾☐☐ 23 50	☾☐☐ 11 2	☾☐☐ 11 2	☾☐☐ 10 58	☾☐☐ 14 4			☾☐☐ 14 4		
3rd Day.	☾☐☐ 23 50	14th Day.	☾☐☐ 22 9	☾☐☐ 22 9	☾☐☐ 11 7	☾☐☐ 21st Day.			☾☐☐ 0 0		
☾☐☐ 2 34	☾☐☐ 23 50	☾☐☐ 0 41	☾☐☐ 27th Day.	☾☐☐ 27th Day.	☾☐☐ 16 10	☾☐☐ 0 0			☾☐☐ 4 34		
☾☐☐ 3 26	☾☐☐ 23 50	☾☐☐ 3 47	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 18 53	☾☐☐ 0 0			☾☐☐ 23 48		
☾sta. 4 43	☾☐☐ 23 50	☾☐☐ 12 25	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 9th Day.	☾☐☐ 9 44			☾☐☐ 17 27		
☾☐☐ 5 45	☾☐☐ 23 50	☾☐☐ 15 46	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 1 42	☾☐☐ 0 0			☾☐☐ 0 0		
☾☐☐ 5 55	☾☐☐ 23 50	15th Day.	☾☐☐ 2 11	☾☐☐ 2 11	☾☐☐ 2 29	☾☐☐ 7 33			☾☐☐ 7 33		
☾☐☐ 17 3	☾☐☐ 23 50	☾☐☐ 14 24	☾☐☐ 8 21	☾☐☐ 8 21	☾☐☐ 4 41	☾☐☐ 11 5			☾☐☐ 11 5		
☾☐☐ 23 30	☾☐☐ 23 50	☾☐☐ 15 41	☾☐☐ 16 45	☾☐☐ 16 45	☾☐☐ 4 48	☾☐☐ 11 26			☾☐☐ 13 24		
4th Day.	☾☐☐ 23 30	16th Day.	☾☐☐ 19 27	☾☐☐ 19 27	☾☐☐ 17 44	☾☐☐ 14 45			☾☐☐ 16 16		
☾☐☐ 0 33	☾☐☐ 23 30	☾☐☐ 0 52	☾☐☐ 21 47	☾☐☐ 21 47	☾☐☐ 20 0	☾☐☐ 18 6			☾☐☐ 24th Day.		
☾☐☐ 3 15	☾☐☐ 23 30	☾☐☐ 10 21	☾☐☐ 28th Day.	☾☐☐ 28th Day.	☾☐☐ 10th Day.	☾☐☐ 0 0			☾☐☐ 0 0		
☾☐☐ 9 13	☾☐☐ 23 30	☾☐☐ 16 40	☾☐☐ 1 38	☾☐☐ 1 38	☾☐☐ 18 7	☾☐☐ 3 28			☾☐☐ 7 19		
☾☐☐ 11 0	☾☐☐ 23 30	☾☐☐ 17 35	☾☐☐ 8 40	☾☐☐ 8 40	☾☐☐ 22 6	☾☐☐ 8 22			☾☐☐ 19 9		
5th Day.	☾☐☐ 23 30	17th Day.	☾☐☐ 14 3	☾☐☐ 14 3	☾☐☐ 11th Day.	☾☐☐ 25th Day.			☾☐☐ 12 39		
☾☐☐ 1 16	☾☐☐ 23 30	☾☐☐ 3 0	☾☐☐ 14 59	☾☐☐ 14 59	☾☐☐ Bq. 0 0	☾☐☐ 16 56			☾☐☐ 20 8		
☾☐☐ 2 51	☾☐☐ 23 30	☾☐☐ 11 45	☾☐☐ 21 56	☾☐☐ 21 56	☾☐☐ 0 0	☾☐☐ 22 23			☾☐☐ 3 54		
☾☐☐ 3 56	☾☐☐ 23 30	☾☐☐ 18 8	☾☐☐ 22 35	☾☐☐ 22 35	☾☐☐ 18 7	☾☐☐ 3 10			☾☐☐ 15 59		
☾☐☐ 4 532	☾☐☐ 23 30	☾☐☐ 0 21	☾☐☐ 29th Day.	☾☐☐ 29th Day.	☾☐☐ 22 6	☾☐☐ 18 17			☾☐☐ 23 23		
☾☐☐ 122 0	☾☐☐ 23 30	☾☐☐ 7 49	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 12th Day.	☾☐☐ 28th Day.			☾☐☐ 4 3		
6th Day.	☾☐☐ 23 30	18th Day.	☾☐☐ 14 17	☾☐☐ 14 17	☾☐☐ 9 47	☾☐☐ 12 8			☾☐☐ 17 7		
☾☐☐ 9 23	☾☐☐ 23 30	☾☐☐ 0 21	☾☐☐ 15 3	☾☐☐ 15 3	☾☐☐ 16 8	☾☐☐ 19 48			29th Day.		
☾☐☐ 21 58	☾☐☐ 23 30	☾☐☐ 5 32	☾☐☐ 21 51	☾☐☐ 21 51	☾☐☐ 23 0	☾☐☐ 2 15			☾☐☐ 3 42		
☾☐☐ 23 10	☾☐☐ 23 30	☾☐☐ 7 34	☾☐☐ 21 56	☾☐☐ 21 56	☾☐☐ 23 10	☾☐☐ 9 25			☾☐☐ 10 24		
7th Day.	☾☐☐ 23 30	☾☐☐ 21 53	☾☐☐ 30th Day.	☾☐☐ 30th Day.	☾☐☐ 15th Day.	☾☐☐ 16 0			☾☐☐ 16 0		
☾☐☐ 4 6	☾☐☐ 23 30	☾☐☐ 23 47	☾☐☐ 31st Day.	☾☐☐ 31st Day.	☾☐☐ 16th Day.	☾☐☐ 17 7			☾☐☐ 21 13		
☾☐☐ 6 12	☾☐☐ 23 30	☾☐☐ 20 2	OCTOBER.	OCTOBER.	☾☐☐ 17th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 14 12	☾☐☐ 23 30	☾☐☐ 22nd Day.	1st Day.	1st Day.	☾☐☐ 18th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 21 4	☾☐☐ 23 30	☾☐☐ 10 12	☾☐☐ 2 46	☾☐☐ 2 46	☾☐☐ 19th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 23 40	☾☐☐ 23 30	☾☐☐ 11 30	☾☐☐ 6 10	☾☐☐ 6 10	☾☐☐ 20th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
8th Day.	☾☐☐ 23 30	☾☐☐ 22 30	☾☐☐ 10 18	☾☐☐ 10 18	☾☐☐ 21st Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 1 10	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 10 37	☾☐☐ 10 37	☾☐☐ 22nd Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 3 9	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 18 6	☾☐☐ 18 6	☾☐☐ 23rd Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 7 27	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 24th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 12 29	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 25th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
9th Day.	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 26th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 5 8	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 27th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 8 0	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 28th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 11 57	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 29th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 12 11	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 30th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 23 0	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	☾☐☐ 31st Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 23 9	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	1st Day.	☾☐☐ 21 13			☾☐☐ 21 13		
10th Day.	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	2nd Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 3 23	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	3rd Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 4 8	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	4th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 11 31	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	5th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 14 0	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	6th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 20 0	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	7th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
11th Day.	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	8th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 2 15	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	9th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 5 1	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	10th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 12 11	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	11th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 16 23	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	12th Day.	☾☐☐ 21 13			☾☐☐ 21 13		
☾☐☐ 22 4	☾☐☐ 23 30	☾☐☐ 23 30	☾☐☐ 0 0	☾☐☐ 0 0	13th Day.	☾☐☐ 21 13			☾☐☐ 21 13		

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

NOVEMBER, 1846.

M D	☾'s Node.	☾ Dec.	♀ Dec.	♂ Dec.	♀ Dec.	☾ Lat.	♂ Lat.	♀ Lat.	♂ Lat.	♀ Lat.	♂ Lat.
1	27 26	8 N 31	10 S 31	16 S 45	13 N 12	0 S 43	1 S 34	0 S 48	0 N 44	1 N 18	1 S 33
7	27 6	7 42	10 56	17 26	13 11	0 42	1 34	0 48	0 42	1 10	2 4
13	26 48	6 53	11 19	18 11	13 11	0 42	1 33	0 47	0 39	1 0	2 26
19	26 29	6 7	11 41	18 23	13 12	0 42	1 32	0 47	0 36	0 49	2 33
25	26 9	5 22	12 0	18 37	13 13	0 42	1 32	0 47	0 34	0 36	2 17

	Right Asc. of M. C.	☾ Long.	☾ Long.	☾ Lat.	☾ Dec.	☾ Long.	♂ Long.	♀ Long.	♂ Long.	♀ Long.	♀ Long.
h. m. s.											
14 41 34	8m 43	13 48	1 N 18	6 N 39	11 16	24 8	15 12	21 5	27 46	23 m 29	
14 45 30	9 43	28 7	0 S 10	49 11	14 24	9 15	15 22	21 45	29 124	58	
14 49 27	10 43	12 8	1 18	14 17	11 12	24 9	15 16	22 24	0m 16	26	
14 53 23	11 43	26 6	2 29	16 53	11 10	24 10	15 10	23 4	1 31	27 54	
14 57 20	12 43	9 37	3 30	18 27	11 8	24 11	15 5	23 44	2 47	29 22	
15 1 17	13 44	22 48	4 18	18 58	11 6	24 11	14 0	24 24	4 2	0 49	
15 5 13	14 44	5 38	4 52	18 28	11 4	24 12	14 53	25 3	5 17	2 15	
15 9 10	15 44	18 9	5 11	17 5	11 2	24 13	14 47	25 43	6 32	3 40	
15 13 6	16 44	0 23	5 15	14 57	11 0	24 14	14 40	26 23	7 47	5 5	
15 17 3	17 45	12 25	5 6	12 12	10 58	24 15	14 35	27 3	9 3	6 29	
15 20 59	18 45	24 19	4 43	8 59	10 56	24 16	14 27	27 42	10 18	7 52	
15 24 56	19 46	6 m 10	4 8	5 25	10 54	24 17	14 21	28 22	11 33	9 15	
15 28 52	20 46	18 2	3 23	1 37	10 53	24 19	14 14	29 2	12 49	10 36	
15 32 49	21 47	0 1	2 28	2 16	10 52	24 20	14 6	29 42	14 4	11 56	
15 36 45	22 47	12 1	1 26	6 8	10 50	24 22	13 59	0m 22	15 20	13 15	
15 40 42	23 48	24 35	0 19	9 49	10 48	24 23	13 53	1 2	16 35	14 33	
15 44 39	24 48	7 m 16	0 N 51	13 9	10 47	24 26	13 45	1 42	17 51	15 49	
15 48 35	25 49	20 14	1 59	15 54	10 45	24 28	13 38	2 22	19 6	17 4	
15 52 32	26 49	3 30	2 17	53 10	44 24	31 13	30 3	2 20	21 18	16	
15 56 28	27 50	17 2	3 57	18 54	10 42	24 33	13 23	3 42	21 37	19 25	
16 0 25	28 51	0 48	4 38	18 49	10 41	24 36	13 15	4 22	22 52	20 32	
16 4 21	29 51	14 45	5 47	36 10	40 24	39 13	7 5	2 24	8 21	36	
16 8 18	0 52	28 50	5 12	15 9	10 38	24 41	13 0	5 42	25 23	22 38	
16 12 14	1 53	12 58	5 1	12 7	10 37	24 44	12 52	6 23	26 38	23 37	
16 16 11	2 54	27 8	4 31	8 13	10 36	24 47	12 44	7 3	27 54	24 30	
16 20 7	3 54	11 17	3 46	3 52	10 35	24 59	12 36	7 43	29 9	25 17	
16 24 4	4 55	25 24	2 46	0 N 43	10 34	24 52	12 28	8 23	0 24	25 59	
16 28 0	5 56	9 27	1 37	5 14	10 33	24 55	12 20	9 4	1 40	26 35	
16 31 57	6 57	23 25	0 53	9 27	10 32	24 58	12 12	9 44	2 55	27 5	
16 35 53	7 58	7 8	0 S 52	13 7	10 31	25 1	12 5	10 24	4 11	27 27	

	☾ Long.	♀ Long.	♂ Long.	♀ Long.	☾ Dec.	☾ Dec.	♂ Dec.	♀ Dec.	♂ Dec.	♀ Dec.	♀ Dec.
1	18 35	0 45	26 18	1 34	14 S 25	3 N 48	14 S 58	21 N 53	7 S 34	9 S 28	20 S 10
4	20 2	1 43	25 55	0 55	15 21	3 46	14 57	21 51	8 19	10 51	21 29
7	20 56	2 48	25 3	0 16	16 3	44 14	56 21	49 9	4 12	12 22	39 39
10	23 32	3 48	25 18	29 39	17 8	3 42	14 54	21 47	9 48	13 30	23 39
13	23 45	4 51	25 10	29 4	17 57	3 40	14 53	21 45	10 32	14 45	24 28
16	25 0	5 53	25 2	28 22	18 44	3 38	14 51	21 43	11 15	15 56	25 5
19	26 6	6 51	24 57	27 41	19 28	3 36	14 48	21 40	11 58	17 4	25 29
22	27 11	7 35	24 54	27 0	20 8	3 35	14 46	21 38	12 40	18 8	25 40
25	28 23	8 58	24 51	26 18	20 45	3 33	14 43	21 35	13 21	19 8	25 38
28	29 35	10 0	24 49	25 38	21 19	3 32	14 40	21 32	14 1	20 3	25 21

SIMMONITE'S ASTRONOMICAL EPHEMERIS.

DECEMBER, 1846.

M D	☉'s Node.	☾ Dec.	♀ Dec.	♂ Dec.	♂ Dec.	♄ Lat.	♅ Lat.	♆ Lat.	♇ Lat.	♀ Lat.	♂ Lat.
1	25 50	4 N 32	18 s 41	12 s 18	13 N 18	0 s 42	1 s 31	0 s 47	0 N 30	0 N 23	1 s 24
7	25 31	4 0 18	38 12	31 13	24 0	42 1	31 0	46 0	27 0	8 0	N 17
13	25 12	3 23 18	29 12	43 13	33 0	42 1	30 0	45 0	24 0	8 6	2 10
19	24 53	2 50 18	13 12	52 13	46 0	41 1	30 0	44 0	21 0	20 3	0
25	24 34	2 21 18	52 12	59 14	2 0	41 1	29 0	42 0	18 0	34 2	42

Right Asc. of M. C.	☉ Long.	☾ Long.	♀ Lat.	♂ Decl.	♄ Long.	♅ Long.	♆ Long.	♇ Long.	♀ Long.	♂ Long.
<i>h. m. s.</i>	8 ↑ 58	20 8 57	2 s 3	16 N	1 10 30	25 33	4 11	11 57	11 m 4	5 ↑ 27
1 16 39 50	9 59	4 11 27	3 6 18	0 10 R	29 25	8 11 R	48 11	44 6	42 27	27 ↑ 38
2 16 43 47	11 0	17 44	3 58 18	56 10	28 25	12 11	40 12	25 7	58 27	33 41
3 16 47 44	1 0 22	44 4	36 18	51 10	27 25	15 11	31 13	6 9	13 27	14 33
4 16 51 40	2 13	29 4	59 17	49 10	26 25	19 11	23 13	46 10	28 26	45 14
5 16 55 37	2 25	57 5	8 15	56 10	25 25	22 11	15 14	26 11	44 26	3 45
6 16 59 33	4 8 0	11 5	2 13	22 10	25 25	26 11	7 15	6 13	0 25	11 11
7 17 3 30	5 20	12 4	42 10	17 10	24 25	30 10	59 15	47 14	16 24	10 10
8 17 7 26	6 2m	6 4	11 6	49 10	23 25	34 10	51 16	27 15	31 23	0
9 17 11 23	7 13	56 3	29 3	6 10	23 25	38 10	43 17	9 16	46 21	43 0
10 17 15 19	8 25	47 2	38 0 s	45 10	23 25	42 10	35 17	50 18	2 20	20 55
11 17 19 16	9 7 45	1 40	4 37	10	22 25	46 10	27 18	30 19	17 18	5 35
12 17 23 13	10 19	56 0	36 8	21 10	22 25	51 10	19 19	10 20	32 17	35 18
13 17 27 9	11 2m	22 0 N	31 11	50 10	22 25	55 10	11 19	51 21	48 16	8
14 17 31 6	12 15	10 1	38 14	50 10	21 26	0 9	3 20	31 23	4 15	8 5
15 17 35 2	13 28	21 2	41 17	11 10	21 26	4 9	55 21	12 24	20 14	5 10
16 17 38 59	14 11 ↑	56 3	37 18	39 10	21 26	8 9	48 21	53 25	35 13	10 27
17 17 42 55	15 25	52 4	22 19	1 10	21 26	13 9	40 22	34 26	51 12	27 56
18 17 46 52	16 10 10	7 4	52 18	13 10	21 26	18 9	33 23	15 28	7 11	56 35
19 17 50 48	18 24	34 5	3 16	15 10	21 26	23 9	26 23	56 29	22 11	35 24
20 17 54 45	19 9 3m	6 4	55 13	14 10	21 26	28 9	19 24	37 0 38	11 24	24 24
21 17 58 42	20 23	37 4	29 9	26 10	21 26	33 9	11 25	18 1	53 11	24 24
22 18 2 38	21 8	1 3	45 5	5 10	22 26	38 9	5 25	59 3	9 11	33 24
23 18 6 35	22 16	2 47	0 31	10	22 26	43 8	58 26	40 4	24 11	50 15
24 18 10 31	23 6 18	1 41	4 N	3 10	22 26	48 8	50 27	21 5	40 12	15 48
25 18 14 28	24 20	8 0	29 8	19 10	22 26	54 8	44 28	2 6	55 12	27 48
26 18 18 24	26 3 46	0 s 43	12 6	10	23 26	59 8	37 28	43 8	11 13	27 11
27 18 22 21	27 17	12 1	52 15	11 10	23 27	5 8	30 29	24 9	26 14	11 47
28 18 26 17	28 0 11	2 54	17 26	10	23 27	11 8	23 0 ↑	5 10	42 14	59 52
29 18 30 14	29 13	34 3	45 18	43 10	24 27	17 8	18 0	46 11	57 15	52 50
30 18 34 11	30 26	29 4	24 19	0 10	24 27	23 8	12 1	28 13	12 16	50
31 18 38 7										

☉ Long.	♀ Long.	♂ Long.	♂ Long.	☉ Decl.	♄ Decl.	♅ Decl.	♆ Decl.	♇ Decl.	♀ Decl.	♂ Decl.
1 0 35	11 ↑	0 24	8 56	24 8 53	21 s 49	3 N 31	14 s 36	21 N 29	14 s 41	20 s 52
4 1 56	12 425	8 23	46 22	15 3	30 14	32 21	27 15	19 21	36 24	6
7 3 0 13	7 25	21 23	38 22	37 3	29 14	28 21	24 15	57 22	15 23	6
10 4 19	14 11 25	33 23	4 22	55 3	29 14	24 21	21 16	34 22	47 21	56
13 5 7 15	19 25	58 22	34 23	10 3	28 14	19 21	18 17	9 23	14 20	44
16 6 7 16	25 26	30 22	7 23	20 3	28 14	14 21	15 17	43 23	34 19	47
19 7 19	17 24 27	3 21	41 23	26 3	28 14	10 21	12 18	16 23	47 19	17
22 8 21	18 26 27	36 21	19 23	27 3	28 14	4 21	9 18	48 23	54 19	16
25 9 19	19 30 28	10 21	1 23	25 3	29 13	59 21	7 19	18 23	55 19	37
28 10 16	20 33 28	45 20	46 23	18 3	29 13	53 21	4 19	48 23	48 20	12

ASPECTARIAN

FOR NOVEMBER AND DECEMBER, 1846.

NOVEMBER	13th Day. h. m.	25th Day. h. m.	7th Day. h. m.	h. m.
1st Day. h. m.	♂ ses. 24 0 0	☾ □ ♀ 0 0	☾ ses. ♀ 0 0	☾ * ♀ 0 32
☾ □ ♀ 0 0	☾ .. ♀ 0 0	☾ * ♀ 1 26	☾ △ ♀ 0 0	☾ .. ♀ 0 42
☾ .. ♀ 2 46	☾ △ ♀ 5 2	☾ .. ♀ 1 26	☾ * ♀ 4 10	☾ .. ♀ 1 37
☾ □ ♀ 10 38	☾ * ♀ 5 59	☾ * ♀ 7 6	☾ △ ♀ 4 18	☾ □ ♀ 17 53
☾ .. ♀ 11 56	☾ P. ♀ 7 41	☾ Peri. 10 0	☾ * ♀ 5 48	19th Day.
☾ .. ♀ 17 21	14th Day.	☾ .. ♀ 10 31	☾ △ ♀ 9 50	☾ .. ♀ 0 0
2nd Day.	☾ qu. ♂ 0 0	26th Day.	☾ S * ♀ 13 55	☾ .. ♀ 3 53
☾ S □ ♀ 0 0	☾ in m. - -	☾ □ ♀ 2 13	☾ .. ♀ 15 1	☾ sta. 18 19
☾ .. ♀ 1 41	☾ S □ ♀ 11 22	27th Day.	8th Day.	☾ * ♀ 23 0
☾ P. ♀ 16 25	☾ .. ♀ 21 17	☾ in ♀ - -	☾ P. ♀ 0 0	20th Day.
☾ .. ♀ 21 11	15th Day.	☾ 1/2 lat. - -	☾ △ ♀ 7 17	☾ S □ ♀ 0 0
☾ .. ♀ 0 0	☾ * ♀ 0 0	☾ .. ♀ 0 0	☾ P. ♀ 13 14	☾ ses. 24 0 0
3rd Day.	☾ .. in ♀ 0 0	☾ .. ♀ 0 0	☾ .. ♀ 10 31	21st Day.
☾ ses. 24 0 0	☾ .. ♀ 2 18	☾ * ♀ 0 0	9th Day.	☾ * ♀ 3 48
☾ .. ♀ 0 0	☾ .. ♀ 4 5	☾ .. ♀ 9 23	☾ Apo. 11 0	☾ gr. 1 45
☾ qx. ♀ 12 0	☾ .. ♀ 12 26	☾ △ ♀ 10 43	10th Day.	☾ * ♀ 2 4
☾ .. ♀ 20 39	☾ △ ♀ 23 39	☾ .. ♀ 17 31	☾ S * ♀ 4 4	☾ Per. 4 0
4th Day.	16th Day.	☾ in ♀ - -	☾ in ♀ 4 20	☾ S □ ♀ 9 39
☾ P. ♀ 0 0	☾ ses. 24 0 0	28th Day.	☾ .. ♀ 6 25	☾ sta. 13 55
☾ * ♀ 0 0	☾ .. ♀ 12 53	☾ ses. ♀ 0 0	☾ .. ♀ 9 16	22nd Day.
☾ .. ♀ 0 0	☾ .. ♀ 13 10	☾ .. ♀ 1 52	☾ .. ♀ 14 7	☾ ses. ♀ 0 0
☾ .. ♀ 3 35	☾ .. ♀ 15 20	☾ * ♀ 4 44	☾ per. 17 58	☾ .. ♀ 2 57
☾ P. ♀ 21 7	17th Day.	☾ P. .. 20 48	11th Day.	☾ .. ♀ 4 53
5th Day.	☾ P. ♀ 0 0	29th Day.	☾ □ ♀ 0 0	☾ .. ♀ 8 25
☾ * ♀ 2 42	☾ gre. 4 51	☾ * ♀ 2 44	☾ S □ ♀ 0 0	23rd Day.
☾ .. ♀ 15 58	☾ .. ♀ 21 7	☾ .. ♀ 18 7	☾ .. ♀ 1 21	☾ * ♀ 0 0
☾ △ ♀ 17 46	☾ .. ♀ 21 28	30th Day.	☾ * ♀ 6 55	☾ .. ♀ 6 4
6th Day.	18th Day.	☾ qx. ♀ 4 6	☾ P. ♀ 10 41	☾ .. ♀ 17 49
☾ □ ♀ 3 0	☾ ses. ♀ 0 0	☾ .. ♀ 5 46	☾ P. ♀ 11 59	24th Day.
☾ .. ♀ 0 0	☾ △ ♀ 0 0	☾ P. ♀ 15 26	☾ P. ♀ 19 13	☾ □ ♀ 2 40
☾ .. ♀ 3 9	☾ .. ♀ 0 0	DECEMBER.	☾ .. ♀ 22 22	☾ △ ♀ 7 54
☾ .. ♀ 4 10	☾ .. ♀ 7 32	1st Day.	12th Day.	☾ .. ♀ 18 36
☾ ses. 16 27	☾ .. ♀ 11 0	☾ P. ♀ 0 0	☾ .. ♀ 4 36	☾ .. ♀ 21 34
☾ △ ♀ 23 20	19th Day.	☾ □ ♀ 14 39	☾ .. ♀ 5 9	25th Day.
7th Day.	☾ .. ♀ 0 0	☾ sta. 19 16	☾ .. ♀ 5 16	☾ .. ♀ 0 0
☾ .. ♀ 0 0	☾ △ ♀ 12 46	2nd Day.	☾ * ♀ 19 49	☾ * ♀ 4 23
☾ .. ♀ 10 19	☾ .. ♀ 16 21	☾ .. ♀ 0 0	13th Day.	☾ .. ♀ 7 3
☾ △ ♀ 18 58	☾ .. ♀ 17 35	☾ △ ♀ 10 21	☾ * ♀ 0 0	☾ .. ♀ 10 0
8th Day.	20th Day.	☾ .. ♀ 10 46	☾ △ ♀ 0 0	26th Day.
☾ ses. ♀ 0 0	☾ .. ♀ 3 33	☾ .. ♀ 10 53	☾ △ ♀ 12 23	☾ S □ ♀ 24 0 0
☾ S □ ♀ 0 0	☾ .. ♀ 5 22	☾ .. ♀ 12 24	☾ * ♀ 12 54	☾ .. ♀ 11 1
☾ .. ♀ 14 55	☾ .. ♀ 13 10	3rd Day.	☾ .. ♀ 22 35	27th Day.
9th Day.	21st Day.	☾ P. ♀ 9 36	14th Day.	☾ ses. ♀ 0 0
☾ △ ♀ 0 0	☾ in ♀ - -	☾ .. ♀ 13 29	☾ S □ ♀ 4 49	☾ .. ♀ 0 0
☾ Bq. ♀ 0 0	☾ sta. 0 0	☾ △ ♀ 15 0	15th Day.	☾ .. ♀ 8 42
☾ .. ♀ 13 33	☾ * ♀ 5 31	☾ .. ♀ 17 53	☾ .. ♀ 0 0	28th Day.
☾ □ ♀ 18 40	☾ .. ♀ 16 56	4th Day.	☾ S □ ♀ 0 0	☾ ses. ♀ 10 39
☾ △ ♀ 21 3	☾ S □ ♀ 24 41	☾ .. ♀ 0 0	☾ ses. ♀ 0 0	☾ .. ♀ 18 38
10th Day.	22nd Day.	☾ in ♀ - -	☾ .. ♀ 9 30	☾ .. ♀ 19 28
☾ * ♀ 4 18	☾ ses. 24 0 0	☾ .. ♀ 0 0	☾ .. ♀ 12 41	☾ .. ♀ 23 30
☾ △ ♀ 10 36	☾ in ♀ - -	☾ .. ♀ 3 36	☾ .. ♀ 19 45	29th Day.
☾ .. ♀ 11 44	☾ .. ♀ 10 0	☾ .. ♀ 4 36	16th Day.	☾ ses. ♀ 0 0
11th Day.	23rd Day.	☾ .. ♀ 18 16	☾ S □ ♀ 0 0	☾ * ♀ 11 28
☾ □ ♀ 0 0	☾ ses. ♀ 0 0	☾ △ ♀ 23 3	☾ .. ♀ 20 20	☾ .. ♀ 13 35
☾ .. ♀ 0 0	☾ .. ♀ 4 8	5th Day.	☾ △ ♀ 21 18	30th Day.
☾ * ♀ 7 15	☾ .. ♀ 8 48	☾ .. ♀ 15 43	17th Day.	☾ △ ♀ 0 0
☾ qx. ♀ 11 51	☾ .. ♀ 12 15	6th Day.	☾ .. ♀ 0 0	☾ S □ ♀ 0 0
☾ Apo. 14 0	☾ * ♀ 20 0	☾ ses. ♀ 0 0	☾ .. ♀ 1 53	31st Day.
☾ S □ ♀ 0 0	24th Day.	☾ ses. ♀ 0 0	☾ * ♀ 11 19	☾ □ ♀ 0 0
☾ .. ♀ 0 0	☾ △ ♀ 0 0	☾ S □ ♀ 0 3	☾ .. ♀ 23 34	☾ .. ♀ 2 0
☾ .. ♀ 16 23	☾ * ♀ 0 0	☾ in ♀ 4 22	18th Day.	☾ gr. e. 13 49
☾ .. ♀ 15 2	☾ .. ♀ 18 41	☾ ses. ♀ 10 1	☾ in ♀ - -	☾ □ ♀ 21 12