

Simplified Scientific
Ephemeris

1912

AN EYE SAVER

A TIME SAVER

A MONEY SAVER

The Rosicrucian Fellowship

Oceanside, California, 92054

EPHEMERIS OF PLUTO FOR 1912

Date	Long.	Dec.	Date	Long.	Dec.
January 27	27° II 15'R	16° N 59'	July 25	29° II 15'	17° N 23'
February 26	26° II 56'	17° N 4'	August 24	29° II 47'	17° N 22'
March 27	26° II 56'D	17° N 10'	September 23	0° II 01'R	17° N 20'
April 26	27° II 17'	17° N 16'	October 23	29° II 56'	17° N 17'
May 26	27° II 52'	17° N 20'	November 22	29° II 32'	17° N 16'
June 25	28° II 35'	17° N 23'	December 22	28° II 57'	17° N 16'

Sideral Time (S.T.) - The Sideral Time given daily for noon UT.

It is the angle between the Greenwich meridian and the Vernal Point (apparently revolving westward with the heavens daily) measured in hours westward from Greenwich on the celestial equator.

Longitude - The Astro longitudes and declinations are given daily for noon UT. The longitude of a Astro is its angle from the Vernal Point measured eastward in degrees along the ecliptic. The Moon's True Node is the longitude of the point where the Moon's instantaneous orbit crosses the ecliptic from south to north.

Declination - The declination of a Astro is its angle measured in degrees north (N) or south (S) of the equator.

A Astro ingress is the hour and minute when a Astro enters a new Sign of the Zodiac.

An "R" appears in the Aspectarian whenever a Astro's longitude is changing from direct (increasing) to retrograde (decreasing). The Astro is then said to be stationary Retrograde.

A "D" appears in the Aspectarian whenever a Astro's longitude is changing from Retrograde (decreasing) to Direct (increasing). The Astro is then said to be stationary Direct.

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JANUARY, 1912

New Moon January 19th in ♃ 28° 4'

Longitude of the Planets

D	☉	♀	♁	♃	♅	♁	♁	♁	♁	♁	♁
	°V'	°M'	°J'	°S'	°R'	°I'	°C'	°V'	°S'	°R'	°I'
1	9 43	26 11	25R16	26 40	13R30	4 38	24 21	28 17	22R45	27 05	
2	10 44	27 21	24 45	11II26		50	24	21	43	02	
3	11 46	28 31	23 26	33	27	5 02	27	24	42	26 59	
4	12 47	29 41	13 11	♄54	25	14	31	28	40	56	
5	13 48	0 7 51	D12	27 16	24	26	36	31	38	52	
6	14 49	2 02	19 12	♃28	23	38	42	35	36	49	
7	15 50	3 12	24 35	27 20	13 22	5 50	24 48	28 38	22 35	26 46	
8	16 51	4 23	58 11	♄44	21	6 01	54	41	33	43	
9	17 52	5 34	25 27	25 39	21	13 25	02	45	31	40	
10	18 54	6 45	26 03	9= 3	20	25	10	48	30	36	
11	19 55	7 56	44 22	02	19	36	19	52	28	33	
12	20 56	9 07	27 30	4M37	19	47	28	55	26	30	
13	21 57	10 18	28 20	16 56	19	59	38	59	25	27	
14	22 58	11 30	29 14	29 01	13 18	7 10	25 49	29 02	22 23	26 24	
15	23 59	12 41	0V12	10 7 59	18	21 26	00	06	21	21	
16	25 00	13 52	1 13	22 51	13D18	32	12	10	20	17	
17	26 01	15 04	2 16	4V42	19	43	25	13	18	14	
18	27 03	16 16	3 23	16 34	19	54	38	17	16	11	
19	28 04	17 27	4 31	28 27	19	8 05	51	20	14	08	
20	29 05	18 39	5 42	10 23	19	15 27	05	24	13	04	
21	0 06	19 51	6 54	22 24	13 20	8 26	27 20	29 27	22 11	26 01	
22	1 07	21 03	8 09	4X30	21	36	35	31	09	25 58	
23	2 08	22 15	9 24	16 44	22	47	51	34	08	55	
24	3 09	23 27	10 42	29 07	23	57	28 07	38	06	52	
25	4 10	24 39	12 00	11 44	24	9 07	23	41	04	49	
26	5 11	25 51	13 20	24 37	25	18	40	45	03	45	
27	6 12	27 04	14 41	7 50	26	28	58	48	01	42	
28	7 13	28 16	16 04	21 27	13 27	9 37	29 16	29 52	22 00	25 39	
29	8 14	29 28	17 26	5II30	29	47	34	55	21 58	36	
30	9 15	0V40	18 51	19 59	30	57	53	59	56	33	
31	10 16	1 53	20 16	4 50	32 10 07	0II12	0 02	55		30	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JANUARY, 1912

Full Moon January 4th in ♄ 12° 47'

Declination of the Planets

D	ST	☉	♀	♁	♃	♅	♁	♁	♁	♁	♁
		S	S	S	N	N	S	N	S	N	N
1	18 39	23 06	16 49	20 11	21 46	13 37	20 20	21 01	21 02	20 57	
2	43	01 17	06	12 25	35	37	22	02	01	57	
3	47	22 56	22	13 27	42	36	25	03	01	58	
4	50	50 39	17	14 43	36	27	04	00	58		
5	54	44 55	22	25 38	36	29	06	20 59	59		
6	58	38 18	10	28 21	43	36	31	08	59	59	
7	19 02	22 31	18 26	20 36	16 29	13 36	20 33	21 10	20 58	20 59	
8	06	23 49	45	10 28	36	35	11	57	59		
9	10 15	15 55	54	4 09	37	37	14	56	21 00		
10	14 07	19 09	21 04	2s10	37	39	16	56	00		
11	18 21	58 22	14 8	10 37	41	18	55	00			
12	22 49	35 24	13 42	37	43	21	55	00			
13	26 40	48 35	18 33	37	45	23	54	01			
14	19 30	21 30	20 00	21 45	22 33	13 37	20 46	21 26	20 54	21 01	
15	34	19 11	54 25	34	37	48	29	52	01		
16	38	08 23	22 04	27 24	37	50	31	51	02		
17	42	20 57	33	12 28	00	38	52	34	51	02	
18	46	46 43	20 27	18 38	54	38	50	02			
19	50	34 53	28 25	21 39	55	41	49	03			
20	54	21 21	01 34	22 17	39	57	44	49	03		
21	19 58	20 08	21 10	22 40	18 16	13 39	20 59	21 47	20 48	21 03	
22	20 01	19 55	18 44	13 29	40	59	51	47	03		
23	05	42 25	48 8	07 40	21 02	54	46	04			
24	09 28	32 51	2 22 40	04	58	46	05				
25	13 13	38 53	3N34	41	05	22 01	45	05			
26	17 18	59 43	53 9	30 42	07	05	44	05			
27	21 44	48 52	15 11 43	08	09	43					
28	20 25	18 29	21 52	22 51	20 18	13 43	21 09	22 13	20 42	21 05	
29	29 13	56 22	48 24	27 44	11	17	42	05			
30	33 17	57 59	44 27	11 45	13	20	41	05			
31	37 41	22 01 39	28 05 28	46	14	24	40	06			

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

FEBRUARY, 1912

New Moon February 18th in ♋ 28° 29'

Longitude of the Planets

D	☉	♀	♃	♄	♅	♁	♂	♆	♁	♃	♄	
	°	′	″	°	′	″	°	′	″	°	′	″
1	11	17	3 05	21 42	19 58	13 34	10 16	0 32	0 06	21 53	25 26	
2	12	18	4 18	23 09	5 13	36	25	52	09	52	24	
3	13	18	5 30	24 37	20 24	38	35	1 12	13	50	20	
4	14	19	6 43	26 06	5 20	40	44	33	16	48	17	
5	15	20	7 56	27 36	19 52	42	53	54	20	47	14	
6	16	21	9 08	29 06	3 56	45	11 02	2 16	23	45	10	
7	17	22	10 21	0 37	17 30	13 47	11 11	2 37	0 27	21 44	25 07	
8	18	22	11 34	2 09	0 36	50	19	59	30	42	04	
9	19	23	12 47	3 42	13 17	52	28	3 22	33	41	01	
10	20	24	14 00	5 15	25 38	55	36	4 45	37	39	24 58	
11	21	25	15 13	6 50	7 45	58	45	4 08	40	38	55	
12	22	25	16 26	8 25	19 41	14 01	53	31	43	37	52	
13	23	26	17 39	10 02	1 33	04	12 01	55	47	35	48	
14	24	27	18 52	11 39	13 23	14 07	12 09	5 19	0 50	21 34	24 45	
15	25	27	20 05	13 17	25 15	11	17	43	53	33	42	
16	26	28	21 18	14 55	7 12	14	24	6 08	57	31	39	
17	27	28	22 31	16 35	19 15	17	32	32	1 00	30	36	
18	28	29	23 44	18 15	1 25	21	39	57	03	29	33	
19	29	29	24 57	19 57	13 44	25	46	7 23	06	27	30	
20	0 30	2 10	21 39	26 11	28	28	53	48	10	26	27	
21	1 30	27 23	23 23	8 49	14 32	13 00	8 14	1 13	1 13	21 25	24 23	
22	2 31	28 37	25 07	21 38	36	07	40	16	16	24	20	
23	3 31	29 50	26 52	4 41	40	14	9 06	19	22	22	17	
24	4 32	1 03	28 37	17 59	44	20	33	22	21	19	14	
25	5 32	2 16	0 25	1 35	49	27	10 00	25	25	19	10	
26	6 32	3 20	2 13	15 29	53	33	27	28	28	20	07	
27	7 33	4 43	4 03	29 42	57	39	39	54	31	18	04	
28	8 33	5 56	5 53	14 13	15 02	13 45	11 21	1 34	21	17	24 01	
29	9 33	7 10	7 44	28 57	06	51	49	37	16	23	58	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

FEBRUARY, 1912

Full Moon February 2nd in ♋ 12° 18'

Declination of the Planets

D	ST	☉	♀	♃	♄	♅	♁	♂	♆	♁	
		°	′	″	°	′	″	°	′	″	
1	20	41	17 24	22 03	22 33	26 55	13 47	21 15	22 28	20 40	21 06
2	45	07	04	25 23	23 45	47	17	32	40	06	
3	49	16 50	05	16 18	58	48	18	36	38	07	
4	53	32	05	06 13	05	48	19	40	38	07	
5	57	15	04	21 54	6 37	50	20	45	37	07	
6	21 01	15 57	02	41 0 02	50	22	49	36	07		
7	21 05	15 38	22 00	21 27	6 21	13 52	21 23	22 53	20 35	21 08	
8	08	20	21 58	11 12	15	52	24	57	34	08	
9	12	01	54 20	54 17	27	54	25	23 01	34	08	
10	16	14 42	50	36 21	47	54	26	05	33	08	
11	20	22	46	16 25	05	56	27	09	32	09	
12	24	03	41 19	55 27	14	57	28	13	32	09	
13	28	13 43	35	33 28	08	59	29	17	31	09	
14	21 32	13 23	21 28	19 09	27 44	13 59	21 30	23 21	20 31	21 09	
15	36	02	21 18	44 26	04	14 01	31	25	30	10	
16	40	12 42	13	18 23	14	03	32	29	29	10	
17	44	21	05 17	50 19	23	04	33	33	28	10	
18	48	00	20 56	20 14	41	05	34	37	27	10	
19	52	11 39	46	16 50	9 22	06	35	41	27	11	
20	56	18	36	18 3 36	08	36	45	26	11		
21	22 00	10 57	20 25	15 44	2 23	14 09	21 36	23 49	20 25	21 11	
22	04	35	14	09 8 22	11	37	53	25	11		
23	08	13	02 14	33 14	07	12	38	57	24	11	
24	12	9 51	19 49	13 55	19 19	13	38	24 00	23	11	
25	15	29	36	16 23	40	15	39	04	23	12	
26	19	07	22 12	36 26	45	16	40	08	22	12	
27	23	8 44	08	11 54	28 12	18	41	11	21	12	
28	22 27	8 22	18 53	11 11	27 45	14 19	21 41	24 15	20 20	21 13	
29	31	7 59	38	10 27	25 23	21	42	18	20	13	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

MARCH, 1912

New Moon March 18th in ♋ 27° 32'

Longitude of the Planets

D	☉	♀	♃	♄	♅	♁	♂	♁	♃	♃	♃
	° 30'	° 30'	° 30'	° 30'	° 30'	° 30'	° 30'	° 30'	° 30'	° 30'	° 30'
1	10 33	8 23	9 36	13 48	15 11	13 56	12 16	1 40	21 15	23 54	
2	11 33	9 36	11 29	28 38	16 14	02 44	43	14		51	
3	12 33	10 50	13 22	13 18	21 07	13 12	46	13		48	
4	13 34	12 03	15 17	27 42	25 12	41	49	12		45	
5	14 34	13 17	17 13	11 43	30 17	14 09	52	11		42	
6	15 34	14 30	19 09	25 20	35 22	38	54	10		39	
7	16 34	15 43	21 06	8 31	15 41	14 26	15 07	1 57	21 10	23 35	
8	17 34	16 57	23 03	21 18	16 46	31 36	2 00	09		32	
9	18 34	18 10	25 00	3 44	17 51	35 16	05	03	08	29	
10	19 33	19 24	26 58	15 55	19 56	39 34	05	07		26	
11	20 33	20 37	28 55	27 55	21 02	43 17	04	08	07	23	
12	21 33	21 51	0 52	9 48	22 07	47 33	11	06		20	
13	22 33	23 04	2 48	21 40	23 13	50 18	03	13	05	16	
14	23 33	24 18	4 44	3 34	24 16	14 54	18 33	2 16	21 05	23 13	
15	24 33	25 31	6 38	15 34	25 24	57 19	03	18	04	10	
16	25 32	26 45	8 31	27 43	26 30	15 00	33	21	04	07	
17	26 32	27 59	10 21	10 03	27 36	03 20	03	23	03	04	
18	27 32	29 12	12 09	22 36	28 42	06 34	25	03	03	02	
19	28 31	0 26	13 53	5 21	29 48	08 21	04	28	02	22 57	
20	29 31	1 39	15 35	18 19	30 54	10 35	30	02	02	54	
21	0 31	2 53	17 12	1 31	31 17	12 22	06	2 32	21 01	22 51	
22	1 30	4 06	18 45	14 54	32 06	14 37	34	01	01	48	
23	2 30	5 20	20 13	28 30	33 13	16 23	08	37	01	44	
24	3 29	6 34	21 36	12 18	34 19	18 39	39	00	00	41	
25	4 29	7 47	22 53	26 16	35 25	19 24	10	41	00	38	
26	5 28	9 01	24 04	10 24	36 32	20 42	43	00	00	35	
27	6 27	10 14	25 09	24 41	37 38	21 25	13	45	00	32	
28	7 27	11 28	26 08	9 02	38 17	22 25	45	2 47	21 00	22 28	
29	8 26	12 42	26 59	23 26	39 51	23 26	16	49	20 59	25	
30	9 25	13 55	27 45	7 47	40 58	23 48	48	51	59	22	
31	10 24	15 09	28 22	22 00	41 18	24 27	20	53	59	19	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

MARCH, 1912

Full Moon March 3rd in ♍ 12° 33'

Declination of the Planets

D	ST	☉	♀	♃	♄	♅	♁	♃	♃	♃
		S	S	S	N	N	S	N	S	N
1	22 35	7 37	18 22	9 41	21 17	14 22	21 43	24 22	20 19	21 13
2	39	14	05	8 54	15 50	24	43	25	19	13
3	43	6 51	17 48	06	9 33	26	44	28	18	13
4	47	28	31	7 17	2 52	27	44	31	18	13
5	51	05	13	6 26	38 47	29	45	34	17	14
6	55	5 42	16 54	5 34	10 05	30	45	37	17	14
7	22 59	5 18	16 35	4 42	15 45	14 32	21 46	24 40	20 16	21 14
8	23 03	4 55	16	3 48	20 33	33	46	43	16	14
9	07	31	15 56	2 54	24 19	36	47	46	15	14
10	11	08	36	1 49	26 54	37	47	48	15	14
11	15	3 44	15	04	28 11	39	48	51	14	14
12	19	21	14 54	0 08	10	41	48	53	14	14
13	23	2 57	32	N 48	26 51	43	48	56	12	15
14	23 26	2 34	14 10	1 44	24 19	14 45	21 48	24 58	20 12	21 15
15	30	10	13 48	2 40	20 44	47	49	25 00	11	15
16	34	1 46	25	3 35	16 14	48	49	02	11	15
17	38	23	02	4 29	11 01	50	50	04	10	15
18	42	0 59	12 38	5 23	5 16	52	50	06	10	15
19	46	35	14	6 15	0N 47	54	50	08	09	15
20	50	11	11 50	7 06	6 55	56	50	09	09	16
21	23 54	0N 12	11 26	7 55	12 51	14 58	21 50	25 11	20 08	21 16
22	58	36	01	8 42	18 19	15 00	50	12	08	16
23	0 02	1 00	10 36	9 27	22 55	02	51	13	07	16
24	06	23	10	10 09	26 19	04	51	15	07	16
25	10	47	9 45	49	28 09	06	51	16	06	16
26	14	2 11	19	11 25	11	07	51	16	06	16
27	18	34	8 52	59	26 22	09	51	17	06	16
28	0 22	2 57	8 26	12 30	22 51	15 11	21 51	25 18	20 06	21 16
29	26	3 21	7 59	57	17 56	13	51	18	05	16
30	30	44	32	13 20	12 02	15	51	19	05	16
31	33	4 07	05	40	5 34	17	51	19	04	16

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

APRIL, 1912

New Moon (Eclipse) April 17th in γ 27° 6'

Longitude of the Planets

D	☉	♀	♃	♄	♅	♁	♂	♆	♁	♁	♁
	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
1	11 23	16 22	28 53	6 00	18 11	15R24	27 52	2 54	20D59	22 16	
2	12 22	17 36	29 17	19 45	18	24	28 24	56	59	13	
3	13 22	18 49	33 3M11		25	23	56	58	59	10	
4	14 21	20 03	43 16	17 31	23	29 29	3 00	59	07		
5	15 20	21 17	45 29	03 38	22	0S01	01 21	00	03		
6	16 19	22 30	R40 11	† 32	45	21 0 33	03	00	00		
7	17 18	23 44	29 30	23 46	18 52	15 20	1 06	3 04	21 00	21 57	
8	18 17	24 57	13 5V48		59	19	39	06	00	54	
9	19 15	26 11	28 50	17 43	19 06	18 2 11	07 00	07 00	50		
10	20 14	27 25	22 29	36 13	16	16 44	09 01	01 47			
11	21 13	28 38	27 50	11W32	21	14 3 17	10 01	01 44			
12	22 12	29 52	14 23	34 28	12	12 50	11 01	01 41			
13	23 11	1γ06	26 35	5x46	35	10 4 23	12 02	02 38			
14	24 10	2 19	25 54	18 13	19 42	15 08	4 56	3 14	21 02	21 35	
15	25 08	3 33	11 0γ56		50	05 5 29	15 03	03 31			
16	26 07	4 46	24 27	13 57	57	03 6 02	16 03	03 28			
17	27 06	6 00	23 44	27 17	20 04	00 35	17 04	04 25			
18	28 04	7 14	01 10x53		12	14 57	7 08	18 04	22		
19	29 03	8 27	22 20	24 44	19	54 42	19 05	05 19			
20	0x01	9 41	21 42	8II46	26	50 8 15	20 05	05 16			
21	1 00	10 54	21 06	22 57	20 34	14 47	8 49	3 21	21 06	21 12	
22	1 58	12 08	20 34	7S12	41	43 9 22	21 07	07 09			
23	2 57	13 22	06 21	28 49	49	39 56	22 07	07 06			
24	3 55	14 35	19 42	5Ω42	56	35 10 30	23 08	08 03			
25	4 54	15 49	23 19	52 21	04	31 11 04	24 09	09 00			
26	5 52	17 02	08 3M55		12	26 37	24 10	20 57			
27	6 50	18 16	18 58	17 49	19	22 12 11	25 11	20 53			
28	7 49	19 30	18 53	1=34	21 27	14 17	12 45	3 25	21 11	20 50	
29	8 47	20 43	D53 15	07 34	12	13 19	26 12	12 47			
30	9 45	21 57	58 28	28 42	07	13 53	26 13	13 44			

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

APRIL, 1912

Full Moon (Eclipse) April 1st in α 11° 23'

Declination of the Planets

D	ST	☉	♀	♃	♄	♅	♁	♁	♁	♁	♁
		° N	° S	° N	° S	° N	° S	° N	° S	° N	° S
1	0 37	4 31	6 38	13 57	1 05	15 19	21 51	25 19	20 03	21 16	
2	41	54	10	14 09	7 35	21	51	19	03	16	
3	45	5 17	5 43	18 13	35 23	51	19	03	16		
4	49	40	15	24 18	50 25	51	19	03	16		
5	53	6 03	4 47	25 23	06 28	51	19	02	16		
6	57	25	18	22 26	11 30	51	18	02	16		
7	1 01	6 48	3 50	14 16	27 58	15 32	21 50	25 18	20 01	21 16	
8	05	7 10	22	06 28	24 34	50	17	01	16		
9	09	33	2 53	13 53	27 30 36	50	16	01	16		
10	13	55	25	37 25	21 38	50	15	01	16		
11	17	8 17	1 56	17 22	06 40	50	14	00	16		
12	21	39	27	12 54	17 54 42	50	12	00	16		
13	25	9 01	0 58	30 12	55 44	49	11	00	16		
14	1 29	9 23	0 30	12 03	7 20 15	46	21 49	25 09	20 00	21 16	
15	33	44	01	11 34	1 20 48	49	07	19 59	16		
16	37	10 06	N28	04 4N51	50	49	06	59	16		
17	40	27	57	10 34	11 00 52	48	04	59	16		
18	44	48	1 26	03 16	45 54	48	01	59	19		
19	48	11 09	55	9 32	21 46 56	47	24 59	58	16		
20	52	29	2 24	02 25	36 58	47	57	58	16		
21	1 56	11 50	2 53	8 33	27 53 16	01	21 46	24 54	19 58	21 16	
22	2 00	12 10	3 22	05 28	21 03	46	51	58	16		
23	04	30	51	7 39	26 56 05	45	48	58	16		
24	08	50	4 19	15 23	48 07	45	45	58	16		
25	12	13 10	48	6 53	19 16 09	45	42	57	15		
26	16	29	5 17	34 13	42 11	45	39	57	15		
27	20	49	45	17 7	31 13	44	35	57	15		
28	2 24	14 08	6 13	6 02	1 02 16	15	21 43	24 32	19 57	21 15	
29	28	26	41	5 50	5s25 17	42	28	57	15		
30	32	45	7 10	40 11	31 19	42	24	57	15		

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

MAY, 1912

New Moon May 16th in γ 25° 13'

Longitude of the Planets

D	☉	♀	♃	♄	♅	♁	♂	♃	♄	♅
	° 8'	° 7'	° 7'	° 7'	° 8'	° 7'	° 7'	° 7'	° 7'	° 7'
1	10 43	23 10	19 07	11 34	21 50	14R02	14 27	3 26	21 14	20 41
2	11 42	24 24	21	24 27	57	13 57	15 02	27	15	37
3	12 40	25 37	40	7 04	22 05	51	36	27	16	34
4	13 33	26 51	20 03	19 28	13	46	16 10	27	17	31
5	14 36	28 04	31	1V340	20	40	44	27	18	28
6	15 34	29 18	21 02	13 42	28	34	17 19	28	20	25
7	16 32	0 8 32	21 38	25 37	22 36	13 28	17 53	3 28	21 21	20 21
8	17 30	1 45	22 18	7 30	44	22 18	28	3R28	22	18
9	18 28	2 59	23 01	19 25	51	16 19	02	28	23	15
10	19 26	4 12	48	1 26	59	10	37	27	24	12
11	20 24	5 26	24 38	13 39	23 07	03	20 11	27	26	09
12	21 22	6 39	25 32	26 07	15	12 57	46	27	27	05
13	22 20	7 53	26 29	8 55	22	50	21 20	27	28	02
14	23 18	9 06	27 29	22 06	23 30	12 43	21 55	3 27	21 29	19 59
15	24 15	10 20	28 32	5 8 39	38	37	22 30	26	31	56
16	25 13	11 34	29 38	19 36	46	30	23 05	25	32	53
17	26 11	12 47	0 8 47	3 52	53	23	40	25	34	50
18	27 09	14 01	1 58	18 22	24 01	16	24 15	25	35	47
19	28 07	15 14	3 13	3 01	09	08	50	24	37	43
20	29 04	16 28	4 29	17 40	17	01	25 25	24	38	40
21	0 02	17 41	5 49	2 14	24 24	11 54	26 00	3 23	21 40	19 37
22	1 00	18 55	7 10	16 37	32	47	35	23	41	34
23	1 57	20 08	8 35	0 47	40	39	27 10	22	43	31
24	2 55	21 22	10 02	14 40	47	32	45	21	44	27
25	3 53	22 35	11 32	28 19	55	24	28 20	20	46	24
26	4 50	23 49	13 03	11 42	25 03	17	55	19	47	21
27	5 48	25 03	14 38	24 53	11	09	29 31	19	49	18
28	6 45	26 16	16 14	7 50	25 18	11 02	0 06	3 18	21 51	19 15
29	7 43	27 30	17 54	20 36	26	10 54	41	17	52	12
30	8 40	28 43	19 35	3 11	34	46	1 17	16	54	09
31	9 38	29 57	21 19	15 35	41	39	52	14	56	05

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

MAY, 1912

Full Moon May 1st in η 10° 43'

Full Moon May 30th in ϵ 8° 40'

Declination of the Planets

D	ST	☉	♀	♃	♄	♅	♁	♂	♃	♄
		N	N	N	S	N	S	N	S	N
1	2 36	15 03	7 37	5 33	17 02	16 21	21 41	24 20	19 57	21 15
2	40	21	8 05	29 21 39	23	41	16	57	15	
3	44	39	33	27 25 12	25	40	11	57	14	
4	48	56	9 00	28 27 28	27	40	07	57	14	
5	51	16 14	27	31 28 22	29	39	02	57	14	
6	55	31	54	36 27 54	31	38	23 57	57	14	
7	2 59	16 47	10 21	5 44 26 09	16 33	21 37	23 52	19 57	21 14	
8	3 03	17 04	48	53 23 15	35	37	47	57	14	
9	07	20 11 14	6 05	19 23	37	36	42	57	14	
10	11	36	40	19 14 42	39	35	36	57	14	
11	15	52	12 06	35 9 23	41	34	31	57	13	
12	19	18 07	31	52 3 35	43	34	25	57	13	
13	23	22	57	7 11 2N31	45	33	19	57	13	
14	3 27	18 37	13 22	7 32 8 41	16 47	21 32	23 13	19 57	21 13	
15	31	51	46	54 14 38	49	31	07	57	13	
16	35	19 05	14 10	8 18 20 01	51	31	01	57	13	
17	39	19	34	43 24 23	53	30	22 55	58	12	
18	43	32	58	9 10 27 17	55	29	48	58	12	
19	47	45	15 21	37 28 20	57	28	41	58	12	
20	51	58	44	10 06 27 24	59	27	35	58	12	
21	3 55	20 10	16 07	10 36 24 36	17 01	21 26	22 28	19 58	21 11	
22	58	22	29	11 07 20 18	03	25	20	58	11	
23	4 02	34	50	39 14 55	05	24	13	59	11	
24	06	45	17 11	12 11 8 51	07	23	06	59	11	
25	10	56	32	45 2 29 08	22	21 58	59	10		
26	14	21 07	53	13 19 3S53	10	21	51	59	10	
27	18	17	18 12	54 9 58	12	21	43	20 00	10	
28	4 22	21 27	18 32	14 29 15 33	17 14	21 20	21 35	20 01	21 10	
29	26	37	51	15 04 20 22	16	19	27	01	09	
30	30	46	19 09	40 24 12	18	18	19	01	09	
31	34	54	27	16 16 26 50	19	17	10	01	09	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JUNE, 1912

New Moon June 15th in Π $23^{\circ} 58'$

Longitude of the Planets

D	☉	♀	♃	♄	♅	♁	♂	♁	♃	♄	♅
	°Π'	°Π'	°♃'	°♄'	°♅'	°♁'	°♂'	°♁'	°♃'	°♄'	°♅'
1	10 35	1 10	23 05	27 50	25 49	10r31	2 28	3r13	21 58	19 02	
2	11 33	2 24	24 54	9v56	56	23	3 03	12	59	18 59	
3	12 30	3 37	26 44	21 54	26 04	16	3 39	11	22 01	56	
4	13 28	4 51	28 38	3w48	11	08	4 14	10	03	53	
5	14 25	6 04	0Π33	15 40	19	01	5 50	08	05	49	
6	15 22	7 18	2 32	27 33	26	9 53	5 25	3 07	07	46	
7	16 20	8 32	4 32	9x33	26 34	9 45	6 01	3 06	22 09	18 43	
8	17 17	9 45	6 34	21 43	41	38	7 37	04	11	40	
9	18 14	10 59	8 37	4γ09	49	30	7 12	03	12	37	
10	19 12	12 12	10 43	16 56	56	23	8 48	01	14	34	
11	20 09	13 26	12 50	0x08	27 04	15	8 24	00	16	30	
12	21 06	14 40	14 59	13 46	11	08	9 00	2 58	18	27	
13	22 04	15 53	17 08	27 53	18	01	36	57	20	24	
14	23 01	17 07	19 19	12Π24	27 25	8 53	10 11	2 55	22 22	18 21	
15	23 58	18 20	21 31	27 15	33	46	11 47	53	24	18	
16	24 56	19 34	23 43	12σ17	40	39	11 23	52	26	15	
17	25 53	20 48	25 54	27 20	47	32	12 59	50	28	11	
18	26 50	22 01	28 06	12Ω15	54	25	12 35	48	30	07	
19	27 48	23 15	0σ17	26 54	28 01	18	13 12	46	32	05	
20	28 45	24 29	2 28	11π12	08	12	48	45	34	03	
21	29 42	25 42	4 38	25 08	28 15	8 05	14 24	2 43	22 36	17 58	
22	0σ39	26 56	6 46	8=41	22	7 58	15 00	41	39	55	
23	1 37	28 10	8 53	21 54	29	52	36	39	41	52	
24	2 34	29 23	10 59	4π50	36	45	16 12	37	43	49	
25	3 31	0σ37	13 02	17 32	43	39	49	35	45	46	
26	4 28	1 51	15 05	0τ01	50	33	17 25	33	47	43	
27	5 25	3 04	17 05	12 21	57	27	18 01	31	49	39	
28	6 23	4 18	19 04	24 32	29 03	7 21	18 38	2 29	22 51	17 36	
29	7 20	5 32	21 00	6v37	10	15	19 14	27	53	33	
30	8 17	6 45	22 55	18 36	17	10	51	25	56	30	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JUNE, 1912

Full Moon June 29th in ν $7^{\circ} 20'$

Declination of the Planets

D	ST	☉	♀	♃	♄	♅	♁	♂	♁	♃	♄
		N	N	N	S	N	S	N	S	N	N
1	4 38	22 03	19 44	16 52	28 09	17 21	21 16	21 02	20 01	21 09	
2	42	11 20	01 17	28 05	23	15	20 53	01	09		
3	46	19 18	18 04	26 42	25	14	44	02	08		
4	50	26 33	40 24	07 27	13	35	02	08			
5	54	33 49	19 15	20 32	28	12	26	02	08		
6	58	39 21	03 49	16 07	30	11	17	02	07		
7	5 02	22 45	21 17	20 22	11 03	17 31	21 10	20 08	20 03	21 07	
8	06	51 31	54 5 30	33	09	19 59	03	07			
9	09	56 44	21 25	0N23	35	08	49	04	06		
10	13	23 01	56 55	6 25	36	07	40	04	06		
11	17	05 22	08 22	23 12 23	38	06	30	04	06		
12	21	09 19	49 17 57	40	05	20	04	05			
13	25	13 29	23 13 22 45	41	04	10	05	05			
14	5 29	23 16	22 39	23 34	26 18	17 43	21 03	19 00	20 05	21 05	
15	33	19 48	54 28 06	45	02	18 50	06	04			
16	37	21 57	24 10 27 52	46	01	39	06	04			
17	41	23 23	05 24 25 36	48	00	29	07	04			
18	45	25 12	36 21 35	50	20 59	18	07	03			
19	49	26 18	44 16 18	51	58	07	08	03			
20	53	27 24	50 10 14	53	58	17 57	08	03			
21	5 57	23 27	23 29	24 53	3 48	17 54	20 57	17 46	20 09	21 02	
22	6 01	27 34	53 2s38	56	56	35	09	02			
23	05	27 37	50 8 48	57	55	23	10	02			
24	09	26 40	45 14 28	59	54	12	10	01			
25	13	24 43	37 19 24	18 00	53	01	10	01			
26	16	23 44	26 23 25	01	53	16 49	11	01			
27	20	20 45	14 26 18	02	52	38	11	01			
28	6 24	23 18	23 45	23 59	27 55	18 03	20 51	16 26	20 12	21 00	
29	28	15 45	42 28 11	05	50	14	12	00			
30	32	12 44	23 27 06	07	49	02	13	00			

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JULY, 1912

New Moon July 14th in ♋ 21° 38'

Longitude of the Planets

D	☉	♀	♃	♄	♅	♁	♂	♆	♁	♁	♁
	° 0'	° 0'	° 0'	° 0'	° 0'	° 0'	° 0'	° 0'	° 0'	° 0'	° 0'
1	9 14	7 59	24 48	0 31	29 23	7R04	20 27	2R23	22 58	17 27	
2	10 11	9 13	26 39	12 23	30	6 59	21 03	20	23 00	23	
3	11 08	10 27	28 27	24 14	36	54	40 18	18	02	20	
4	12 06	11 40	0♄14	6♃07	43	48	22 17	16	04	17	
5	13 03	12 54	1 58	18 06	49	44	53 14	14	07	14	
6	14 00	14 08	3 41	0 ♄15	56	39	23 30	12	09	11	
7	14 57	15 22	5 21	12 39	0II02	6 34	24 07	2 09	23 11	17 08	
8	15 54	16 35	6 59	25 22	08	30	43 07	07	13	05	
9	16 52	17 49	8 35	8 ♃30	14	25 25	20 05	15	15	01	
10	17 49	19 03	10 09	22 06	20	21	57 03	18	16	58	
11	18 46	20 17	11 41	6II11	26	17	26 33	00	20	55	
12	19 43	21 31	13 11	20 45	32	13	27 10	1 58	22	52	
13	20 41	22 45	14 39	5♄42	38	10	47 56	24	24	49	
14	21 38	23 58	16 05	20 55	0 44	6 06	28 24	1 53	23 27	16 45	
15	22 35	25 12	17 28	6♄12	50	03	29 01	51	29	42	
16	23 32	26 26	18 50	21 23	56	5 59	38 49	31	31	39	
17	24 30	27 40	20 09	6♄17	1 01	56	0♄15	46	33	36	
18	25 27	28 54	21 25	20 48	07	54	52 44	35	35	33	
19	26 24	0♄08	22 39	4♄52	12	51	1 29	41	38	30	
20	27 21	1 22	23 52	18 29	18	48	2 06	39	40	26	
21	28 19	2 36	25 01	1♄42	1 23	5 46	2 43	1 37	23 42	16 23	
22	29 16	3 49	26 08	14 33	29	44	3 20	34	44	20	
23	0♄13	5 03	27 12	27 07	34	42	57 32	47	47	17	
24	1 11	6 17	28 14	9 ♄27	39	40	4 35	29	49	14	
25	2 08	7 31	29 13	21 37	44	39	5 12	27	51	10	
26	3 05	8 45	0♄09	3♄39	49	37	49 25	53	53	07	
27	4 03	9 59	1 01	15 37	54	5 36	6 27	22	55	04	
28	5 00	11 13	1 51	27 31	1 59	5 35	7 04	1 20	23 58	16 02	
29	5 57	12 27	2 37	0♄23	2 04	34	41 17	24	00	15 58	
30	6 55	13 41	3 20	21 15	09	34	8 19	15	02	55	
31	7 52	14 55	3 59	3♃09	13	33	56 13	04	04	51	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

JULY, 1912

Full Moon July 29th in ♋ 5° 57'

Declination of the Planets

D	ST	☉	♀	♃	♄	♅	♁	♁	♁	
		N	N	N	S	N	S	N	S	
1	6 36	23 08	23 42	23 02	24 49	18 08	20 49	15 50	20 13	20 59
2	40	04	39 22	40 21	27 09	48	38	13	59	
3	44	22 59	36	16 17	14 11	47	26	14	59	
4	48	54	32 21	51 12	21 12	47	14	14	58	
5	52	49	28	25 6	57 13	46	01	15	58	
6	56	43	22 20	57 1	15 14	46	14 49	15	58	
7	7 00	22 37	23 16	20 28	4N38	18 16	20 45	14 36	20 17	20 57
8	04	30	09 19	59 10	30 17	45	23	17	57	
9	08	23	02	28 16	05 18	44	11	18	57	
10	12	16	22 54	18 57	21 06 19	44	13 58	18	56	
11	16	08	45	25 25	06 20	43	45	19	56	
12	20	00	36 17	53 27	37 22	43	32	19	56	
13	23	21 52	25	20 28	14 23	42	18	20	55	
14	7 27	21 43	22 15	16 47	26 45 18	24	20 42	13 05	20 20	20 55
15	31	34	03	14 23	18 25	41	12 52	21	54	
16	35	24	21 51	15 41	18 16 26	41	38	21	54	
17	39	14	38	07 12	12 27	40	25	22	54	
18	43	04	25 14	33 5	37 28	40	11	22	54	
19	47	20 53	11	00 1s	03 29	40	11 58	23	53	
20	51	42	20 57	13 26	7 28 30	40	44	23	53	
21	7 55	20 31	20 41	12 53	13 22 18	31	20 39	11 30	20 24	20 52
22	59	19	26	21 18	32 32	39	16	24	52	
23	8 03	07	09 11	48 22	46 33	39	02	25	51	
24	07	19 54	19 52	16 25	53 34	39	10 48	25	51	
25	11	42	35 10	45 27	46 35	39	34	26	51	
26	15	29	17	15 28	19 35	39	20	26	50	
27	19	15	18 58	9 45	27 31 36	39	06	27	50	
28	8 23	19 02	18 39	9 16	25 28 18	37	20 39	9 52	20 27	20 50
29	27	18 48	19	8 48	22 19 38	39	39	28	49	
30	31	33	17 59	21 18	15 38	39	23	28	49	
31	34	19	36	7 56	13 28 39	39	08	29	48	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

AUGUST, 1912

New Moon August 12th in ♋ 19° 22'

Longitude of the Planets

D	☉	♀	♁	♃	♅	♁	♁	♁	♁	♁	♁
	°Ω'	°Ω'	°mp'	°κ'	°II'	°f'	°mp'	°mp'	°mp'	°mp'	°mp'
1	8 49	16 09	4 34	15 05	2 18	5R33	9 34	1R10	24 06	15 48	
2	9 47	17 23	5 05	27 08	22	33	10 11	08	08	45	
3	10 44	18 37	32	9 20	27	D33	49	06	11	42	
4	11 42	19 51	54	21 46	31	33	11 26	03	13	39	
5	12 39	21 05	6 12	4 29	35	34	12 04	01	15	36	
6	13 37	22 19	25	17 33	39	34	42	0 59	17	33	
7	14 34	23 33	6 33	1 03	2 43	5 35	13 19	0 56	24 19	15 29	
8	15 32	24 47	36	15 00	47	36	57	54	21	26	
9	16 29	26 01	R33	29 25	51	37	14 35	52	23	23	
10	17 27	27 15	25	14 15	55	38	15 13	49	25	19	
11	18 24	28 29	12	29 22	59	40	50	47	28	16	
12	19 22	29 43	5 53	14 38	3 02	42	16 28	45	30	13	
13	20 20	0mp57	29	29 51	06	44	17 06	43	32	10	
14	21 17	2 11	5 00	14 52	3 09	5 46	17 44	0 40	24 34	15 07	
15	22 15	3 25	4 25	29 31	13	48	18 22	38	36	04	
16	23 13	4 39	3 46	13 44	16	50	19 00	36	38	01	
17	24 10	5 53	02	27 30	19	53	38	34	40	14 57	
18	25 08	7 08	2 16	10 48	22	56	20 16	32	42	54	
19	26 06	8 22	1 26	23 42	25	59	55	30	44	51	
20	27 04	9 36	0 34	6 15	28	6 02	21 33	28	46	48	
21	28 01	10 50	29 41	18 33	3 31	6 05	22 11	0 26	24 48	14 45	
22	28 59	12 04	28 48	0 39	34	09	49	24	49	42	
23	29 57	13 18	27 56	12 37	36	13	23 28	22	51	38	
24	0mp55	14 32	06	24 30	39	16	24 06	20	53	35	
25	1 53	15 46	26 19	6 22	41	20	44	18	55	32	
26	2 51	17 00	25 37	18 15	43	25	25 23	16	57	29	
27	3 49	18 14	24 59	0 10	45	29	26 01	14	59	26	
28	4 47	19 28	24 28	12 09	3 47	6 34	26 40	0 12	25 01	14 22	
29	5 45	20 42	04	24 14	49	38	27 18	10	02	19	
30	6 43	21 56	23 46	6 27	51	43	57	09	04	16	
31	7 41	23 11	38	18 50	53	48	28 35	07	06	13	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

AUGUST, 1912

Full Moon August 27th in ♋ 3° 49'

Declination of the Planets

D	ST	☉	♀	♁	♃	♅	♁	♁	♁	♁	♁
		°N	°N	°N	°S	°N	°S	°N	°S	°N	°N
1	8 38	18 04	17 17	7 31	8 10	18 40	20 39	8 54	20 30	20 48	
2	42	17 48	16 56	09	2 31	41	39	39	30	48	
3	46	33	34	6 47	3N18	42	40	24	31	47	
4	50	17	11	28	9 06	42	40	10	31	47	
5	54	01	15 48	11	14 40	43	40	7 55	32	47	
6	58	16 45	25	5 55	19 45	43	41	40	32	46	
7	9 02	16 28	15 01	5 42	24 01	18 44	20 41	7 25	20 33	20 46	
8	06	11	14 37	31	27 01	45	41	10	33	46	
9	10	15 54	12	22	28 22	46	42	6 55	34	45	
10	14	37	13 47	17	27 45	46	42	40	34	45	
11	18	19	22	14	25 05	47	43	25	35	44	
12	22	01	12 56	13	20 38	47	43	10	35	44	
13	26	14 43	30	16	14 50	48	44	5 54	36	44	
14	9 30	14 25	12 03	5 22	8 14	18 48	20 44	5 39	20 36	20 43	
15	34	06	11 37	31	1 20	49	45	24	37	43	
16	38	13 47	10	43	5s26	49	45	08	37	43	
17	41	28	10 42	58	11 45	50	46	4 53	38	42	
18	45	09	14	6 15	17 19	50	47	38	38	42	
19	49	12 49	9 47	36	21 55	50	48	22	39	42	
20	53	30	18	58	25 24	51	48	07	39	41	
21	9 57	12 10	8 50	7 23	27 36	18 51	20 49	3 51	20 40	20 41	
22	10 01	11 50	21	50	28 28	51	50	35	40	41	
23	05	30	7 52	8 17	27 58	52	51	20	40	40	
24	09	09	23	46	26 12	52	51	04	41	40	
25	13	10 49	6 54	9 14	23 16	52	52	2 49	41	40	
26	17	28	24	43	19 22	53	53	33	41	39	
27	21	07	5 55	10 11	14 42	53	54	17	42	39	
28	10 25	9 46	5 25	10 37	9 27	18 53	20 55	2 01	20 42	20 39	
29	29	24	4 55	11 02	3 48	53	56	1 46	43	38	
30	33	03	25	25	2N02	54	57	30	43	38	
31	37	8 42	3 55	46	7 54	54	58	14	44	38	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

SEPTEMBER, 1912

New Moon September 11th in η 18° 21'

Longitude of the Planets

D	☉	♀	♁	♃	♅	♁	♂	♃	♁	♂	♃
	°m'	°m'	°Ω'	°♁'	°♁'	°♁'	°m'	°Ω'	°♁'	°♁'	°♁'
1	8 39	24 25	23b37	1 25	3 55	6 53	29 14	0r05	25 08	14 10	
2	9 37	25 39	23 45	14 14	56	59	52	03	09	07	
3	10 35	26 53	24 01	27 22	58	7 04	0=31	02	11	03	
4	11 33	28 07	24 26	10II50	59	10	1 10	00	13	01	
5	12 31	29 21	25 00	24 40	4 00	15	49 29V59	25 14	13	57	
6	13 29	0=35	25 41	8=52	01	21	2 28	57	16	54	
7	14 28	1 49	26 31	23 25	4 02	7 27	3 06	29 56	25 18	13 51	
8	15 26	3 03	27 29	8Ω14	03	34	4 45	54	19	47	
9	16 24	4 17	28 33	23 13	04	40	4 24	53	21	44	
10	17 23	5 31	29 44	8m13	05	47	5 03	51	22	41	
11	18 21	6 45	1m21	23 05	05	53	42	50	24	38	
12	19 20	7 59	2 25	7=41	06	8 00	6 21	49	25	35	
13	20 18	9 14	3 32	21 56	06	07	7 00	47	27	32	
14	21 16	10 28	5 25	5m46	4 07	8 14	7 40	29 46	25 28	13 29	
15	22 15	11 42	7 01	19 10	07	21	8 19	45	29	25	
16	23 13	12 56	8 41	2 f 09	07	29	58	44	31	22	
17	24 12	14 10	10 23	14 46	r07	36	9 37	43	32	19	
18	25 11	15 24	12 08	27 06	06	44	10 17	42	34	16	
19	26 09	16 38	13 54	9V12	06	52	56	41	35	13	
20	27 08	17 52	15 43	21 09	06	9 00	11 35	40	36	10	
21	28 07	19 06	17 32	3=02	4 06	9 08	12 15	29 39	25 37	13 06	
22	29 05	20 20	19 21	14 54	05	16	54	38	39	03	
23	0=4	21 34	21 11	26 48	04	24	13 34	37	40	00	
24	1 03	22 48	23 02	8=48	03	33	14 13	37	41	12 57	
25	2 02	24 02	24 52	20 56	02	41	53	36	42	53	
26	3 00	25 16	26 42	3 P 13	01	50	15 33	35	43	50	
27	3 59	26 30	28 32	15 42	00	59	16 12	35	44	47	
28	4 58	27 44	0=21	28 22	3 59	10 08	16 52	29 34	25 45	12 44	
29	5 57	28 58	2 10	11 8 15	57	17	17 32	34	46	41	
30	6 56	0m12	3 59	24 22	56	26	18 12	33	47	38	

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

SEPTEMBER, 1912

Full Moon (Eclipse) September 26th in γ 3° 0'

Declination of the Planets

D	ST	☉	♀	♁	♃	♅	♁	♂	♃	♁	♂
		N	N	N	N	N	S	N	S	N	N
1	10 41	8 20	3 24	12 04	13 32	18 54	20 59	0 58	20 44	20 37	
2	45	7 58	2 54	19 18	18 43	54 21	01	42	45	37	
3	49	36	23	31 23	09	54	02	26	45	37	
4	52	14	1 53	40 26	28	54	03	11	45	37	
5	56	6 52	22	45 28	18	54	04	s05	45	36	
6	11 00	29	0 51	46 28	21	54	05	21	45	36	
7	11 04	6 07	0 20	12 44	26 28	18 54	21 06	0 37	20 46	20 35	
8	08	5 45	s11	38 22	46	54	07	53	46	35	
9	12	22	41	29 17	32	54	09	1 09	46	35	
10	16	4 59	1 12	16 11	14	54	10	25	46	34	
11	20	36	43	11 59	4 21	54	11	41	47	34	
12	24	13	2 14	39 2s39		54	12	57	47	34	
13	28	3 51	45	16 9	21	54	14	2 13	47	34	
14	11 32	3 27	3 16	10 49	15 25	18 54	21 15	2 29	20 47	20 34	
15	36	04	46	20 20	33	54	16	45	48	33	
16	40	2 41	4 17	9 48	24 32	53	18	3 01	48	33	
17	44	18	48	14 27	13	53	19	17	48	33	
18	48	1 55	5 18	8 38	28 29	53	20	33	48	33	
19	52	32	49	7 59	28 22	53	22	49	49	32	
20	56	08	6 19	19 26	55	53	23	4 04	49	32	
21	11 59	0 45	6 49	6 38	24 17	18 52	21 24	4 20	20 49	20 32	
22	12 03	22 7	19	5 55	20 37	52	25	36	49	32	
23	07	s02	49	11 16	08	52	27	52	49	31	
24	11	25	8 19	4 27	10 59	52	29	5 08	50	31	
25	15	49	48	3 42	5 22	51	30	24	50	31	
26	19	1 12	9 17	2 56	0N30	51	31	39	50	31	
27	23	35	47	09	6 28	51	33	55	50	30	
28	12 27	1 59	10 15	1 23	12 16	18 50	21 35	6 11	20 50	20 30	
29	31	2 22	44	0 36	17 38	50	36	27	50	30	
30	35	45	11 13	s11	22 18	49	37	42	50	30	

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

OCTOBER, 1912

New Moon (Eclipse) October 10th in $\approx 16^{\circ} 48'$

Longitude of the Planets

D	☉	♀	♁	♃	♄	♅	♆	♇	♁	♃	♄	♅	♆	♇								
	°	′	″	°	′	″	°	′	″	°	′	″	°	′								
1	7	55	1	26	5	46	7	42	3R54	10	35	18	52	29R33	25	48	12	34				
2	8	54	2	39	7	33	21	18	53	45	19	32	32	32	49			31				
3	9	53	3	53	9	19	5	08	51	54	20	12	32	50				28				
4	10	52	5	07	11	04	19	12	49	11	04	20	52	32	51			25				
5	11	52	6	21	12	49	3	0	47	13	21	32	31	52				22				
6	12	51	7	35	14	33	17	56	45	23	22	12	31	52				18				
7	13	50	8	49	16	16	2m	29	3	43	11	33	22	52	29	31	25	53	12	15		
8	14	49	10	03	17	58	17	04	40	43	23	32	31	54						12		
9	15	49	11	17	19	39	1	34	38	53	24	12	31	54						09		
10	16	48	12	31	21	20	15	53	35	12	04	24	53	29D31	55					06		
11	17	47	13	45	23	00	29	57	33	14	25	33	31	56						03		
12	18	47	14	58	24	39	13m	42	30	24	26	13	31	56						11	59	
13	19	46	16	12	26	18	27	05	27	35	26	54	31	57							56	
14	20	46	17	26	27	56	10	07	3	24	12	46	27	34	29	32	25	57	11	53		
15	21	45	18	40	29	33	22	47	22	56	28	14	32	58							50	
16	22	45	19	54	1m	09	5V	09	18	13	07	28	55	32	58						47	
17	23	44	21	08	2	45	17	17	15	18	29	36	33	59							44	
18	24	44	22	21	4	20	29	15	12	29	0m	16	33	59							40	
19	25	44	23	35	5	55	11	07	09	40	0	57	34	26	00						37	
20	26	43	24	49	7	29	22	59	05	51	1	38	34	00							34	
21	27	43	26	03	9	02	4	55	3	02	14	02	2	19	29	35	26	00	11	31		
22	28	43	27	17	10	35	16	59	2	58	14	2	59	35	00						28	
23	29	43	28	30	12	07	29	14	55	25	3	40	36	01							25	
24	0m	42	29	44	13	39	11	43	51	37	4	21	37	01							22	
25	1	42	0	58	15	10	24	28	47	48	5	02	38	01							18	
26	2	42	2	11	16	40	7	30	43	15	00	5	43	39	01						15	
27	3	42	3	25	18	10	20	47	39	12	6	24	39	01							12	
28	4	42	4	39	19	40	4	20	2	35	15	24	7	05	29	40	26	01	11	08		
29	5	42	5	52	21	09	18	04	31	35	7	46	41	01							05	
30	6	42	7	06	22	37	1	59	27	47	8	28	42	R01							03	
31	7	42	8	20	24	05	16	01	23	59	9	09	43	01							10	59

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

OCTOBER, 1912

Full Moon October 26th in $\approx 8^{\circ} 42'$

Declination of the Planets

D	ST	☉	♀	♁	♃	♄	♅	♆	♇	♁	♃	♄	♅	♆	♇					
		S	S	S	N	N	S	S	S	N	N	S	S	S	N					
1	12	39	3	09	11	41	0	58	25	54	18	49	21	39	6	58	20	50	20	30
2		43		32	12	09	1	44	28	05		49		40	7	14				30
3		47		55		36	2	31	28	36		48		42		29				29
4		51		4	19	13	04	3	17	27	16	48		43		45				29
5		55		42		31	4	03	24	11		47		45		8	00			29
6		59		5	05		58	4	49	19	34	47		46		16				29
7	13	03	5	28	14	24	5	34	13	46	18	46	21	48	8	31	20	50	20	29
8		07		51		50	6	19	7	12		46		49		47				29
9		10		6	14	15	16	7	03	0	18	45		51		9	02			29
10		14		37		41	7	47	6S	33		45		53		17				28
11		18		59	16	06	8	31	12	57		44		54		32				28
12		22		7	22		31	9	13	18	35	43		56		48				28
13		26		44		55	9	55	23	08		42		57		10	03			28
14	13	30	8	07	17	19	10	37	26	24	18	42	21	59	10	18	20	50	20	28
15		34		29		42	11	18	28	13		41	22	00		33				28
16		38		51	18	05	11	58	28	35		41		01		48				28
17		42		9	13		27	12	38	27	33	40		03		11	03			28
18		46		35		49	13	17	25	15		40		04		18				28
19		50		57	19	11	13	55	21	53		39		06		32				28
20		54	10	19		32	14	32	17	39		38		07		47				27
21	13	58	10	40	19	52	15	09	12	42	18	37	22	09	12	02	20	49	20	27
22	14	02	11	02	20	12	15	44	7	14		37		10		16				27
23		06		23		31	16	19	1	25		35		12		31				27
24		10		44		50	16	54	4N	35		35		13		45				27
25		14	12	05	21	08	17	27	10	31		34		15		59				27
26		17		25		26	17	59	16	08		34		16	13	13				27
27		21		46		43	18	31	21	06		33		17		28				27
28	14	25	13	06	22	00	19	02	25	05	18	32	22	19	13	42	20	48	20	27
29		29		26		15	19	31	27	40		31		20		55				27
30		33		46		31	20	00	28	35		30		21	14	09				27
31		37	14	05		45	20	28	27	40		29		23		23				27

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

NOVEMBER, 1912

New Moon November 9th in ♍ 16° 43'

Longitude of the Planets

D	☉ ♌'	♀ ♌'	♁ ♌'	♃ ♌'	♅ ♌'	♁ ♌'	♂ ♌'	♃ ♌'	♅ ♌'	♁ ♌'	♂ ♌'
1	8 42	9 33	25 33	0 08	2R19	16 11	9 50	29 45	26R01	10 56	
2	9 42	10 47	27 00	14 18	15	24 10	32 46	01	53		
3	10 42	12 00	28 25	28 29	10	36 11	13 47	01	50		
4	11 42	13 14	29 51	12m39	06	48 11	54 48	00	46		
5	12 42	14 27	1 ♄ 16	26 46	01	17 00	12 36	50	00	43	
6	13 43	15 41	2 40	10=47	1 57	13 13	17 51	00	40		
7	14 43	16 54	4 03	24 40	1 52	17 25	13 59	29 53	26 00	10 37	
8	15 43	18 08	5 25	8m23	48	38 14	41 54	00	34		
9	16 43	19 21	6 46	21 52	43	50 15	22 56	25 59	31		
10	17 44	20 35	8 07	5 ♄ 04	38	18 03	16 04	57	59	27	
11	18 44	21 48	9 26	18 00	34	16 16	46 59	58	24		
12	19 45	23 02	10 44	0v38	29	29 17	28 0=00	58	21		
13	20 45	24 15	12 00	12 59	24	41 18	09 02	57	18		
14	21 45	25 28	13 15	25 07	1 19	18 54	18 51	0 04	25 57	10 14	
15	22 46	26 42	14 27	7=05	14	19 07	19 33	06	56	11	
16	23 47	27 55	15 38	18 57	10	20 20	15 08	56	08		
17	24 48	29 08	16 47	0x47	05	33 20	57 09	55	05		
18	25 48	0v22	17 52	12 42	00	46 21	40 11	55	03		
19	26 48	1 35	18 55	24 46	0 55	59 22	22 13	54	9 59		
20	27 49	2 48	19 54	7 ♀ 04	50	20 12	23 04	15	53	55	
21	28 49	4 01	20 50	19 40	0 45	20 25	23 46	0 18	25 52	9 52	
22	29 50	5 14	21 41	2 x 37	40	39 24	28 20	20	52	49	
23	0 ♄ 51	6 28	22 27	15 56	35	52 25	11 22	51	46		
24	1 51	7 41	23 07	29 37	30	21 05	25 53	24	50	43	
25	2 52	8 54	23 41	13II37	25	18 26	35 26	49	40		
26	3 53	10 07	24 08	27 51	21	32 27	18 28	48	36		
27	4 53	11 20	24 27	12=14	16	45 28	00 31	47	33		
28	5 54	12 33	24 37	26 40	0 11	21 58	28 43	0 33	25 46	9 30	
29	6 55	13 45	24R38	11.03	06	22 12	29 26	36	45	27	
30	7 56	14 58	24 29	25 20	01	25 0 ♄ 08	38	44	24		

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

NOVEMBER, 1912

Full Moon November 24th in ♀ 1° 51'

Declination of the Planets

D	ST	☉ S	♀ S	♁ S	♃ N	♅ N	♁ S	♂ S	♃ S	♅ S	♁ N	♂ S	♅ N
1	14 41	14 25	22 59	20 54	24 59	18 28	22 24	14 37	20 47	20 27			
2	45	44 23	13 21	20 20	20 47	27	25	50	47	27			
3	49	15 03	26 45	15 24	26	27	15 04	46	27				
4	53	21 38	22 08	9 12	25	28	17	46	27				
5	57	40 49	31 2 34	24	30	30	46	27					
6	15 01	58 24 00	52 4s09	23	31	43	45	27					
7	15 05	16 16	24 10	23 12	10 37	18 22	22 32	15 56	20 45	20 27			
8	09	33 19	31 16	29 22	33	16 09	45	27					
9	13	51 28	49 21	27 21	35	22	44	27					
10	17	17 08	35 24	06 25 14	20	36	35	44	27				
11	21	25 43	21 27	37 19	37	47	44	28					
12	24	41 49	35 28	31 18	38	17 00	44	28					
13	28	57 55	47 27	57 17	40	12	43	28					
14	15 32	18 13	25 00	24 58	26 04	18 16	22 41	17 24	20 43	20 28			
15	36	29 04	25 08	23 01	15	42	36	42	28				
16	40	44 07	16 19	03 14	43	48	42	28					
17	44	59 10	23 14	21 13	45	18 00	41	28					
18	48	19 13	12 29	9 06 12	46	11	41	28					
19	52	27 13	32 3 27	11	47	23	40	28					
20	56	41 14	35 2N26	10	48	34	40	29					
21	16 00	19 55	25 13	25 35	8 22	18 09	22 49	18 45	20 40	20 29			
22	04 20	08 13	35 14	07 08	50	56	40	29					
23	08 20	11 32	19 23	07	51	19 07	39	29					
24	12 33	09 28	23 48	06	52	18	39	29					
25	16 45	05 22	26 56	05	53	28	38	29					
26	20 56	01 15	28 24	05	54	39	38	29					
27	24 21	07 24	57 05	27 57	04	55	49	37	30				
28	16 28	21 18	24 51	24 54	25 38	18 03	22 56	19 59	20 37	20 30			
29	32 29	45 41	21 42	02	57	20 09	36	30					
30	35 39	38 26	16 30	01	58	19	35	30					

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

DECEMBER, 1912

New Moon December 8th in ♄ 16° 3'

Longitude of the Planets

D	☉	♀	♃	♄	♅	♁	♃	♁	♃	♁	♃	♁								
	°	°	°	°	°	°	°	°	°	°	°	°								
	'	'	'	'	'	'	'	'	'	'	'	'								
1	8	57	16	11	24	09	9	27	29	56	22	39	0	51	0	40	25	43	9	21
2	9	57	17	24	23	38	23	25	51	52	1	34	43	42	18					
3	10	58	18	37	22	55	7	12	47	23	06	2	17	46	41	14				
4	11	59	19	49	22	02	20	49	42	19	3	00	48	40	11					
5	13	00	21	02	20	59	4	16	37	33	3	42	51	39	08					
6	14	01	22	15	19	48	17	33	32	46	4	25	53	38	06					
7	15	02	23	27	18	30	0	39	29	28	24	00	5	08	0	56	25	37	9	02
8	16	03	24	40	17	09	13	33	23	14	5	51	59	35	9	59				
9	17	04	25	52	15	45	26	15	19	27	6	35	1	02	34	55				
10	18	05	27	05	14	24	8	44	14	41	7	18	04	33	53					
11	19	06	28	17	13	07	21	00	10	55	8	01	07	32	49					
12	20	07	29	29	11	56	3	05	05	25	08	8	44	10	30	45				
13	21	08	0	41	10	54	15	00	01	22	9	27	13	29	42					
14	22	09	1	54	10	02	26	50	28	56	25	36	10	11	1	16	25	28	8	39
15	23	10	3	06	9	21	8	38	52	50	10	54	19	26	36					
16	24	11	4	18	8	50	20	30	48	26	03	11	38	22	25	33				
17	25	12	5	30	8	31	2	31	44	17	12	21	25	23	30					
18	26	14	6	42	8	23	14	46	40	31	13	04	28	22	27					
19	27	15	7	53	8	24	27	21	36	44	13	48	31	21	23					
20	28	16	9	05	8	35	10	21	32	58	14	32	34	19	20					
21	29	17	10	17	8	54	23	47	28	28	27	12	15	15	1	37	25	18	8	17
22	0	18	11	28	9	21	7	40	24	26	15	59	40	16	14					
23	1	19	12	40	9	56	21	59	20	39	16	43	43	15	11					
24	2	20	13	51	10	36	6	38	17	53	17	26	1	46	13	8	08			
25	3	21	15	02	11	22	21	29	13	28	07	18	10	49	12	04				
26	4	22	16	14	12	13	6	23	10	20	18	54	53	10	01					
27	5	24	17	25	13	08	21	11	06	34	19	38	56	08	7	58				
28	6	25	18	36	14	07	5	47	28	03	28	48	20	22	1	59	25	07	7	55
29	7	26	19	47	15	10	20	06	00	29	01	21	06	2	02	05	52			
30	8	27	20	57	16	15	4	06	27	57	15	21	50	06	04	48				
31	9	28	22	08	17	24	17	48	54	29	22	34	09	02	45					

SIMPLIFIED SCIENTIFIC
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

DECEMBER, 1912

Full Moon December 24th in ♁ 2° 20'

Declination of the Planets

D	ST	☉	♀	♃	♄	♅	♁	♃	♁	♃	♁									
		S	S	S	N	N	S	S	S	S	N									
1	16	39	21	48	24	30	24	10	10	29	18	00	22	58	20	28	20	34	20	30
2		43	57		22	30	23	51	4	01	17	59	59	37	34	30				
3		47	22	06		13	30	2s34	58	23	00	47	33	31						
4		51	14	03		08	8	58	57	01	56	33	31							
5		55	22	23	53	22	44	14	52	56	02	21	04	32	31					
6		59	30	42		18	20	00	56	02	13	32	31							
7	17	03	22	37	23	30	21	52	24	06	17	55	23	03	21	21	20	31	20	31
8		07	43	17		25	26	54	54	03	30	31	32							
9		11	49	04	20	59	28	17	53	04	38	30	32							
10		15	55	22	50	32	28	11	52	05	46	29	32							
11		19	23	00	36	10	26	41	51	06	53	28	32							
12		23	05	21	19	48	23	58	51	06	22	01	28	32						
13		27	09	05	30	20	15	50	50	07	08	27	33							
14	17	31	23	13	21	49	19	15	15	46	17	50	23	07	22	15	20	27	20	33
15		35	17	32		04	10	43	49	08	22	26	33							
16		39	20	14	18	56	5	15	48	08	28	26	33							
17		42	22	20	56	51	0	28	47	09	35	25	34							
18		46	24	38	50	6	17	46	46	09	41	24	34							
19		50	25	18	52	12	01	45	45	10	47	23	34							
20		54	26	19	59	57	17	25	45	10	53	23	34							
21	17	58	23	27	19	38	19	04	22	10	17	44	23	11	22	58	20	22	20	35
22	18	02	27	18		13	25	50	44	11	23	04	21	35						
23		06	27	18	56	24	28	00	43	12	09	20	35							
24		10	26	35	36	28	17	43	43	12	14	20	35							
25		14	25	12	49	26	33	42	42	12	18	19	36							
26		18	23	17	50	20	04	22	57	42	23	19	36							
27		22	21	26	18	17	54	41	41	13	27	18	37							
28	18	26	23	18	17	03	20	33	11	53	17	41	23	13	23	31	20	18	20	37
29		30	15	16	39	49	5	20	40	13	34	17	37							
30		34	11	14	21	04	1s20	39	39	13	38	16	37							
31		38	07	15	50	19	7	48	39	13	41	15	38							