

Simplified Scientific  
**Ephemeris**

**1911**

*AN EYE SAVER*

*A TIME SAVER*

*A MONEY SAVER*

**The Rosicrucian Fellowship**

*Oceanside, California, 92054*

**EPHEMERIS OF PLUTO FOR 1911**

Date	Long.	Dec.	Date	Long.	Dec.
January 2	26° II 36'	16° N 38'	July 1	27° II 40'	17° N 5'
February 1	26° II 6'	16° N 41'	July 31	28° II 19'	17° N 7'
March 3	25° II 51'	16° N 46'	August 30	28° II 47'	17° N 5'
April 2	25° II 56'	16° N 52'	September 29	28° II 57'	17° N 1'
May 2	26° II 20'	16° N 58'	October 29	28° II 47'	16° N 58'
June 1	26° II 58'	17° N 2'	November 28	28° II 21'	16° N 57'
			December 28	27° II 46'	16° N 57'

Sidereal Time (S.T.) - The Sidereal 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, 1911

New Moon January 30th in ♋ 9° 29'

Longitude of the Planets

D	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓									
°	'	°	'	°	'	°	'	°	'	°	'	°	'								
1	9	58	18	38	26	R22	19	9	29	42	9	36	8	23	24	25	20	R27	16	25	
2	10	59	19	53	26	15	1	♋	32	42		46	9	6	28		26			21	
3	12	0	21	9	25	56	14	6	42		55	9	48	32		24				18	
4	13	1	22	24	25	24	26	52	42	10	4	10	30	35		22				15	
5	14	3	23	39	24	42	9	♋	50	42		13	11	12	39		21			13	
6	15	4	24	55	23	48	23	1	43		21	11	55	42		19				9	
7	16	5	26	10	22	45	6	♋	26	29	43	10	30	12	37	24	46	20	17	16	6
8	17	6	27	25	21	35	20	7	44		38	13	19	49		16				2	
9	18	7	28	41	20	18	4	♋	6	45		47	14	2	53		14	15	59	2	
10	19	8	29	56	18	59	18	21	46		55	14	44	57		12				56	
11	20	9	1	11	17	39	2	♋	53	47	11	3	15	27	25	0	11			53	
12	21	11	2	27	16	21	17	36	48		11	16	9	4		9				50	
13	22	12	3	42	15	7	2	♋	27	49		19	16	52	7		7			47	
14	23	13	4	57	14	0	17	16	29	50	11	27	17	34	25	11	20	5	15	43	
15	24	14	6	13	13	0	1	♋	56	52		34	18	17	14		4			40	
16	25	15	7	28	12	9	16	18	53		42	19	0	18		2				37	
17	26	16	8	43	11	27	0	♋	17	55		49	19	42	21		0			34	
18	27	17	9	58	10	54	13	49	57		56	20	25	25	19	59				30	
19	28	18	11	14	10	31	26	55	59	12	4	21	8	28		57				27	
20	29	19	12	29	10	17	9	♋	35	0	8	1		10	21	51	32			24	
21	0	20	13	44	10	12	21	54	0	3	12	17	22	33	25	35	19	54	15	21	
22	1	21	14	59	10	13	3	♋	56	5		24	23	16	39		52			18	
23	2	22	16	14	10	26	15	49	7		30	23	59	43		50				15	
24	3	23	17	30	10	44	27	36	10		37	24	42	46		49				11	
25	4	24	18	45	11	8	9	♋	23	12		43	25	25	50		47			8	
26	5	25	20	0	11	38	21	15	15		49	26	8	53		45				5	
27	6	26	21	15	12	14	3	♋	16	17		55	26	51	57		44			2	
28	7	27	22	30	12	54	15	29	0	20	13	0	27	34	26	0	19	42	14	59	
29	8	28	23	45	13	40	27	56	23		6	28	17	4		41				56	
30	9	29	25	0	14	28	10	♋	36	26		11	29	0	7		39			52	
31	10	30	26	15	15	21	23	31	0	29	13	17	29	43	26	11	19	37	14	49	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

January, 1911

Full Moon January 14th in ♋ 23° 13'

Declination of the Planets

D	S	T	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓						
°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'					
1	18	40	23	5	23	11	20	36	26	30	9	0	13	37	21	43	21	44	21	15
2		44	23	0	23	2		20	24	36		0		40		50		44		15
3		47	22	55	22	52		5	21	28		0		43		57		43		16
4		51	22	49	22	41	19	52	17	17		0	45	22	4	42		42		16
5		55	22	43	22	30		40	12	15		1	48		11	41		41		16
6		59	22	36	22	19		31	6	35		1	50		17	41		41		16
7	19	3	22	29	22	6	19	23	0	31	9	2	13	53	22	23	21	40	21	17
8		7	22	21	21	53		18	5	N43		2	56		29	40		40		17
9		11	22	13	21	39		14	11	48		3	58		35	39		39		17
10		15	22	5	21	25		12	17	24		3	14	0	41	39		39		17
11		19	21	56	21	10		12	22	5		4	3	46	33	18		33		18
12		23	21	47	20	54		13	25	26		5	6	51	37	18		37		18
13		27	21	37	20	38		16	27	2		6	8	56	36	18		36		18
14	19	31	21	27	20	21	19	20	26	41	9	6	14	10	23	1	21	36	21	18
15		35	21	17	20	3		25	24	29		7	12		6	35		35		19
16		39	21	6	19	45		31	20	46		8	14		10	35		35		19
17		43	20	54	19	27		37	15	57		9	16		14	34		34		19
18		47	20	43	19	7		45	10	30		10	18		18	33		33		19
19		51	20	31	18	48		53	4	45		11	20		22	32		32		19
20		54	20	18	18	27	20	1	1	s 2		11	22		25	32		32		19
21	19	58	20	5	18	7	20	10	6	37	9	12	14	24	23	29	21	31	21	20
22	20	2	19	52	17	45		18	11	50		13	26		32	31		31		20
23		6	19	38	17	23		27	16	34		15	28		34	30		30		21
24		10	19	24	17	1		36	20	37		16	30		37	30		30		21
25		14	19	10	16	38		44	23	51		17	31		39	29		29		21
26		18	18	55	16	15		52	26	4		18	32		41	28		28		21
27		22	18	40	15	51		59	27	7		19	35		43	27		27		22
28	20	26	18	25	15	27	21	6	26	52	9	20	14	36	23	45	21	27	21	22
29		30	18	9	15	3		12	25	16		22	38		46	26		26		22
30		34	17	53	14	38		18	22	23		23	40		48	26		26		22
31	20	38	17	37	14	12	21	23	18	21	9	24	14	41	23	49	21	25	21	22

## SIMPLIFIED SCIENTIFIC

## EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1911

No New Moon in February

Longitude of the Planets

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

## SIMPLIFIED SCIENTIFIC

## EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

February, 1911

Full Moon February 13th in  $\Omega$  23° 40'

Declination of the Planets

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

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1911

New Moon March 1st in ♋ 9° 47'

New Moon March 30th in ♏ 8° 40'

Longitude of the Planets

D	☉	♈	♀	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓							
	°	′	°	′	°	′	°	′	°	′	°	′	°	′							
1	9	47	2	22	24	22	15	48	2	39	14R33	20	48	27	43	19R	0	13	17		
2	10	47	3	36	26	2	29	32		45	33	21	32	46	18	59		14			
3	11	48	4	50	27	42	13	♏	26	50	33	22	16	49	58			11			
4	12	48	6	4	29	22	27	27		56	32	23	0	52	58			3			
5	13	48	7	18	1	♋	3	11	♋	32	3	2	31	23	44	54	57		5		
6	14	48	8	33	2	46	25	39		8	31	24	29	57	56			1			
7	15	48	9	47	4	29	9	♏	47	3	14	14	29	25	13	28	0	18	55	12	58
8	16	48	11	16	15	23	54		20	20	28	25	57	2	54			55			
9	17	48	12	15	8	17	♏	59	26	27	26	41		5	54			52			
10	18	48	13	28	9	49	22	0		32	25	27	25	7	53			48			
11	19	48	14	42	11	37	5	♏	56	39	23	28	10	10	52			45			
12	20	48	15	56	13	27	19	44		45	21	28	54	12	52			42			
13	21	47	17	10	15	17	3	♏	20	51	19	29	38	15	51			39			
14	22	47	18	24	17	9	16	43	3	58	14	17	0	22	28	17	18	51	12	36	
15	23	47	19	37	19	2	29	50	4	4	14	1	7	20	50			33			
16	24	47	20	51	20	56	12	39		11	12	1	51	22	50			29			
17	25	46	22	5	22	51	25	11		17	9	2	36	24	49			26			
18	26	46	23	18	24	48	7	♏	28	24	6	3	20	27	49			23			
19	27	46	24	32	26	45	19	32		31		2	4	29	48			20			
20	28	45	25	45	28	44	1	♏	27	37	13	59	4	49	31			17			
21	29	45	26	59	0	♏	43	13	16	4	44	13	55	5	33	28	33	18	48	12	14
22	0	♏	44	28	12	2	43	25	6	51	52	6	18		35			47			10
23	1	44	29	25	4	44	7	♏	1	58	48	7	2	37	47			7			
24	2	43	0	♋	39	6	46	19	7	5	4	44	7	47	39			4			
25	3	43	1	52	8	48	1	♏	27	11	39	8	31	41	47			1			
26	4	42	3	5	10	49	14	6		18	35	9	16	43	46	11	58				
27	5	42	4	18	12	51	27	7		25	30	10	0	45	46			55			
28	6	41	5	31	14	53	10	♋	30	5	32	13	26	10	45	28	47	18	46	11	51
29	7	40	6	44	16	54	24	15		40	21	11	30	49	46			48			
30	8	40	7	57	18	54	8	♏	19	47	16	12	14	50	46			45			
31	9	39	9	10	20	53	22	38	5	54	13	10	12	59	28	52	18	46	11	42	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

March, 1911

Full Moon March 14th in ♏ 22° 47'

Declination of the Planets

D	S	T	☉	♀	♁	♋	♌	♍	♎	♏	♐	♑	♒	♓						
	°	′	°	′	°	′	°	′	°	′	°	′	°	′						
1	22	32	7	54	0	3	15	22	9	28	10	16	14	58	22	35	21	7	21	29
2		36	7	31	0	N28	14	51	3	19		18		58		28		7		29
3		40	7	8	1	0	14	18	3	N5		20		58		22		6		29
4		44	6	45	1	31	13	44	9	24		22		58		16		6		29
5		48	6	22	2	2	13	8	15	18		24		57		9		5		29
6		52	5	59	2	33	12	31	20	24		26		57		2		5		29
7	22	56	5	36	3	4	11	53	24	19	10	29	14	56	21	55	21	4	21	30
8	23		0	5	13	3	35	11	14	26	45		31		56		48		4	30
9		4	4	49	4	6	10	33	27	28		33		55		40		3		30
10			8	4	26	4	37	9	51	26	24		36		55		32		3	30
11		12	4	2	5	8	9	8	23	43		38		54		24		2		30
12		16	3	39	5	39	8	24	19	42		40		53		16		2		30
13		20	3	15	6	9	7	38	14	42		42		52		8		1		30
14	23	23	2	52	6	40	6	51	9	4	10	44	14	51	20	59	21	1	21	30
15		27	2	28	7	10	6	3	3	10		47		50		50		0		31
16		31	2	4	7	40	5	14	2	S46		50		50		41		0		31
17		35	1	41	8	10	4	24	8	28		52		49		32	20	59		31
18		39	1	17	8	40	3	33	13	44		54		48		23		59		31
19		43	0	53	9	9	2	40	18	24		56		46		13		59		31
20		47	0	30	9	39	1	47	22	16		58		45		3		59		31
21	23	51	0	6	10	8	0	53	25	11	11	1	14	44	19	53	20	58	21	31
22		55	0	N18	10	37	0	N	2	27	0		3	42		43		58		31
23		59	0	42	11	5	0	58	27	35		6		41		32		57		31
24	0		3	1	5	11	34	1	54	26	52		8	40		22		57		31
25		7	1	29	12	2	2	51	24	50		11		39		11		56		31
26		11	1	52	12	30	3	48	21	33		14		38		0		56		31
27		15	2	16	12	57	4	45	17	9		16		36	18	49		55		32
28	0	19	2	39	13	24	5	42	11	47	11	18	14	35	18	38	20	55	21	32
29		23	3	3	13	51	6	39	5	43		21		33		26		55		32
30		27	3	26	14	18	7	35	0	N46		23		31		14		55		32
31	0	30	3	50	14	44	8	30	7	21	11	26	14	29	18	3	20	54	21	32

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1911

Eclipse of Sun April 28th in  $\gamma$   $7^{\circ} 4'$

Longitude of the Planets

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

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

April, 1911

Full Moon April 13th in  $\alpha$   $22^{\circ} 26'$

Declination of the Planets

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

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1911

New Moon May 28th in  $\Pi$   $6^{\circ} 1'$

Longitude of the Planets

D	☉	♀	♃	♄	♅	♁	♃	♄	♅	♁	♃	♄	♅								
D	°	♁'	°	♁'	°	♁'	°	♁'	°	♁'	°	♁'	°	♁'							
1	9	59	16	17	16	33	15	46	9	47	9	38	6	5	29	21	19	2	10	3	
2	10	57	17	28	16	2	0	33	55	31	6	49	21							0	
3	11	55	18	39	15	28	15	6	10	3	23	7	34	21					5	9	57
4	12	54	19	49	14	52	29	20		10	15	8	19	21					6		54
5	13	52	20	59	14	15	13	13		18	8	9	3	21					7		51
6	14	50	22	10	13	38	26	46		26	0	9	48	21					8		47
7	15	48	23	20	13	0	9	m59	10	33	8	53	10	33	29	21	19	9	9		44
8	16	46	24	30	12	24	22	53		41	45	11	17	21					10		41
9	17	44	25	40	11	49	5	32		49	38	12	2	21					12		38
10	18	42	26	50	11	16	17	58		56	30	12	46	20					13		35
11	19	40	28	0	10	45	0	m12	11	4	23	13	31	20					14		32
12	20	38	29	9	10	17	12	18		12	15	14	15	20					16		28
13	21	36	0	19	9	52	24	16		19	8	15	0	19					17		25
14	22	33	1	28	9	32	6	r10	11	27	8	1	15	44	29	19	19	18	9		22
15	23	31	2	37	9	15	18	0		35	7	54	16	28	18				20		19
16	24	29	3	47	9	3	29	50		42	47	17	13	18					21		16
17	25	27	4	56	8	55	11	v342		50	40	17	57	17					23		13
18	26	25	6	5	8	51	23	38		57	33	18	42	17					24		9
19	27	22	7	14	8	d52	5	w44	12	5	26	19	26	16					25		6
20	28	20	8	22	8	58	18	1		12	19	20	10	15					27		3
21	29	18	9	31	9	8	0	35	12	20	7	12	20	54	29	14	19	29	9		0
22	0	16	10	39	9	23	13	30		27	6	21	39	13					30	8	57
23	1	13	11	48	9	42	26	47		35	6	59	22	23	13				32		54
24	2	11	12	56	10	5	10	r31		42	53	23	7	12					33		50
25	3	9	14	4	10	33	24	42		50	47	23	51	11					35		47
26	4	6	15	12	11	5	9	17		57	41	24	35	10					37		44
27	5	4	16	20	11	41	24	13	13	4	34	25	19	9					38		41
28	6	1	17	28	12	21	9	21	13	12	6	29	26	3	29	8	19	40	8		37
29	6	59	18	35	13	4	24	33		19	23	26	47	6					42		34
30	7	57	19	42	13	51	9	39		26	17	27	31	5					44		31
31	8	54	20	50	14	43	24	30	13	33	6	12	28	15	29	4	19	45	8		28

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

May, 1911

Eclipse of Moon May 13th in  $m$   $21^{\circ} 36'$

Declination of the Planets

D	S	T	☉	♀	♃	♄	♅	♁	♃	♄	♅	♁	♃	♄	♅	♁	♃	♄	♅	
D	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'
1	2	33	14	49	24	25	18	11	25	46	12	43	13	23	10	45	20	49	21	30
2		37	15	7	34	17	48	27	32		45		21		29		49		30	
3		41	15	25	43		23	27	22		48		19		14		49		30	
4		45	15	43	51	16	57	25	23		50		16	9	57		49		30	
5		48	16	1	24	59		29	21	55	52		14		41		49		30	
6		52	16	18	25	5		2	17	21	54		12		25		49		30	
7	2	56	16	35	25	11	15	34	12	5	12	57	13	9	9	9	20	49	21	30
8	3	0	16	51		17		6	6	23	59		7	8	53		49		30	
9		4	17	8	21	14	39	0	33	13	2		5		36		49		29	
10		8	17	24	25		13	5	s13		5		2		20		49		29	
11		12	17	40	29	13	48	10	42		7		0		3		50		29	
12		16	17	55	31		24	15	44		9	12	58	7	47		50		29	
13		20	18	10	33		2	20	7		11		56		30		50		29	
14	3	24	18	25	25	34	12	42	23	38	13	14	12	54	7	14	20	50	21	29
15		28	18	40	35		24	26	9		16		51	6	57		50		28	
16		32	18	54	34		8	27	29		18		49	40	50		50		28	
17		36	19	8	33	11	55	27	33		21		47	24	50		50		28	
18		40	19	22	32		44	26	21		23		45	7	50		50		28	
19		44	19	35	30		35	23	56		25		43	5	50		51		28	
20		49	19	48	27		29	20	23		27		41	33	51		51		28	
21	3	52	20	1	25	23	11	26	15	52	13	30	12	39	5	16	20	51	21	27
22		56	20	13	19		24	10	32		32		37	4	59		51		27	
23		59	20	25	14		25	4	35		34		35	43	52		52		27	
24	4	3	20	37	8		29	1	N47		36		33	26	52		52		27	
25		7	20	48	2		34	8	17		38		31	9	52		52		26	
26		11	20	59	24	55		42	14	32	40		30	3	52		52		26	
27		15	21	9	47		51	20	5		43		28	35	52		52		26	
28	4	19	21	20	24	39	12	3	24	25	13	45	12	26	3	18	20	52	21	26
29		23	21	29	30		16	27	1		47		24	1	53		53		26	
30		27	21	39	21		31	27	36		49		23	2	44		53		26	
31	4	31	21	48	24	11	12	48	26	11	13	51	12	21	2	27	20	54	21	25

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1911

New Moon June 26th in ♄ 3° 45'

Longitude of the Planets

D	♁	♂	♀	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓			
°	′	″	′	″	′	″	′	″	′	″	′	″	′	″	′	″	′	″	′	″			
1	9	52	21	57	15	37	8	58	13	41	6	R	6	28	59	29	R	3	19	47	8	25	
2	10	49	23	4	16	35	23	1	48	1	29	43	1	49	22								
3	11	47	24	11	17	36	6	37	55	5	56	0	26	0	51	19							
4	12	44	25	17	18	41	19	47	14	2	51	1	10	28	59	53	15						
5	13	41	26	24	19	49	2	35	9	46	1	53	57	54	12								
6	14	39	27	30	21	0	15	4	16	42	2	37	56	56	9								
7	15	36	28	36	22	14	27	18	14	23	5	37	3	20	28	54	19	58	8	6			
8	16	34	29	42	23	31	9	21	30	33	4	4	53	20	0	3							
9	17	31	0	47	24	51	21	17	37	29	4	47	51	2	0								
10	18	28	1	53	26	14	3	9	44	25	5	31	50	4	7	57							
11	19	26	2	58	27	40	14	59	51	21	6	14	48	6	53								
12	20	23	4	3	29	9	26	49	57	17	6	57	46	8	50								
13	21	20	5	8	0	11	41	8	15	4	14	7	40	44	10	47							
14	22	18	6	13	2	16	20	37	15	11	5	10	8	23	28	43	20	12	7	43			
15	23	15	7	17	3	53	2	39	17	7	9	6	41	14	40								
16	24	12	8	21	5	34	14	49	24	4	9	49	39	16	37								
17	25	9	9	25	7	17	27	10	31	1	10	32	37	18	34								
18	26	7	10	29	9	3	9	45	37	4	59	11	15	35	20	31							
19	27	4	11	32	10	52	22	36	44	56	11	57	33	22	28								
20	28	1	12	35	12	44	5	48	50	54	12	40	32	24	24								
21	28	58	13	38	14	38	19	24	15	56	4	52	13	22	28	30	20	26	7	21			
22	29	56	14	41	16	34	3	24	16	3	50	14	5	28	29	18							
23	0	53	15	43	18	32	17	50	9	48	14	47	26	31	15								
24	1	50	16	46	20	34	2	38	15	46	15	30	23	33	12								
25	2	47	17	47	22	37	17	44	21	45	16	12	21	35	9								
26	3	45	18	49	24	42	2	58	27	44	16	54	19	37	5								
27	4	42	19	50	26	49	18	10	33	43	17	36	17	39	2								
28	5	39	20	51	28	57	3	10	16	39	4	42	18	18	28	15	20	41	6	59			
29	6	36	21	52	1	5	17	48	45	41	19	0	13	44	56								
30	7	34	22	52	3	16	2	37	0	16	51	4	40	19	41	28	11	20	46	6	53		

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

June, 1911

Full Moon June 11th in ♄ 19° 26'

Declination of the Planets

D	S	T	♁	♂	♀	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
°	′	″	N	N	N	N	N	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
1	4	35	21	57	24	0	13	6	23	3	13	53	12	19	2	10	20	54	21	25			
2		39	22	5	23	49	13	26	18	39	55	18	1	53	54	25							
3		43		13	37	13	47	13	24	57	16			36	54	24							
4		47		20	24	14	9	7	43	59	15			19	54	24							
5		51		27	11	14	33	1	52	14	1	14		3	55	24							
6		55		34	22	58	14	57	3	56	3	13	0	46	55	24							
7	4	59	22	41	22	44	15	23	9	28	14	5	12	11	0	29	20	56	21	23			
8	5	3		46	29	15	49	14	35	7	10			12	56	23							
9		6		52	14	16	16	19	6	9	9	N	5	56	23								
10		10		57	21	58	16	43	22	50	11	8		21	56	23							
11		14	23	2	42	17	11	25	35	13	7			38	57	22							
12		18		6	25	17	40	27	13	15	6			55	57	22							
13		22		10	8	18	9	27	35	17	5	1		58	22								
14	5	26	23	14	20	50	18	37	26	41	14	19	12	4	1	23	20	58	21	22			
15		30		17	32	19	6	24	33	21	3			45	59	21							
16		34		20	14	19	35	21	17	22	2			1	59	21							
17		38		22	19	55	20	3	17	2	24	1		17	59	21							
18		42		24	36	20	31	12	0	26	1			34	59	21							
19		46		25	16	20	58	6	21	28	0			50	21	0	20						
20		50		26	18	56	21	24	0	16	30			6	0	20							
21	5	54	23	27	18	35	21	49	6	N	1	14	31	11	59	3	23	21	1	21	19		
22		58		27	15	22	13	12	12	32	59	39		1	19								
23	6	2		27	17	53	22	36	17	56	34	58	55	2	19								
24		6		26	32	22	56	22	44	36	58	4		11	2	19							
25		10		25	10	23	15	26	5	38	58	27		3	18								
26		13		24	16	48	23	32	27	34	40	58	43	3	18								
27		17		22	25	23	47	26	57	41	58	58	4	18									
28	6	21	23	20	16	2	23	59	24	23	14	42	11	58	5	14	21	4	21	18			
29		25		17	15	39	24	9	20	16	44	58	30	5	17								
30	6	29	23	14	15	16	24	16	15	7	14	45	11	58	5	45	21	5	21	17			

SIMPLIFIED SCIENTIFIC

EPIHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1911

New Moon July 25th in  $\Omega$   $1^{\circ} 24'$

Longitude of the Planets

D	☉	☽	♃	♄	♅	♆	♁	♂	♁	♃	♄	♅	♆	♁	♂							
D	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°							
1	8	31	23	52	5	26	15	42	16	57	4	R40	20	23	28R	8	20	48	6	50		
2	9	28	24	51	7	37	28	56	17	2		40	21	4		6				50	47	
3	10	25	25	50	9	47	11	43		8	D40	21	46		4					52	43	
4	11	22	26	49	11	58	24	10		14		40	22	27		2				54	40	
5	12	20	27	48	14	8	6	m20		19		41	23	8	27	59				57	37	
6	13	17	28	46	16	17	18	18		25		41	23	49		57				59	34	
7	14	14	29	43	18	24	0	f10		17	30	4	42	24	30	27	55	21	1	6	31	
8	15	11	0	m40	20	31	11	59		35		43	25	11		53				3	27	
9	16	8	1	37	22	36	23	48		40		44	25	52		50				6	24	
10	17	6	2	33	24	41	5	v341		46		45	26	32		48				8	21	
11	18	3	3	29	26	43	17	39		51		47	27	13		46				10	18	
12	19	0	4	24	28	45	29	43		56		48	27	53		43				12	14	
13	19	57	5	19	0	43	11	w55		18	1	50	28	33		41				14	11	
14	20	54	6	13	2	41	24	15	18	6	4	52	29	14	27	38	21	17	6		8	
15	21	52	7	6	4	36	6	x46		10		54	29	54		36				19	5	
16	22	49	8	0	6	31	19	28		15		57	0	33		34				21	2	
17	23	46	8	52	8	22	2	v24		20		59	1	13		31				23	5	59
18	24	43	9	44	10	13	15	36		24	5	2	1	53		29				26	55	
19	25	41	10	35	12	1	29	7		29		5	2	32		26				28	52	
20	26	38	11	26	13	48	12	x58		33		8	3	11		24				30	49	
21	27	35	12	15	15	33	27	11	18	37	5	11	3	50	27	22	21	32	5		46	
22	28	32	13	5	17	16	11	II44		42		14	4	29		19				34	43	
23	29	30	13	53	18	56	26	34		46		18	5	8		17				37	40	
24	0	27	14	41	20	36	11	v35		50		21	5	47		14				39	36	
25	1	24	15	27	22	15	26	38		54		25	6	25		12				41	33	
26	2	22	16	14	23	50	11	Ω32		58		29	7	4		10				43	30	
27	3	19	16	59	25	23	26	9	19	2		33	7	42		7				46	27	
28	4	16	17	44	26	56	10	m22		19	5	38	8	20	27	5	21	48	5		24	
29	5	14	18	27	28	26	24	7		9		42	8	57		2				50	21	
30	6	11	19	10	29	54	7	v24		12		47	9	35		0				52	17	
31	7	9	19	51	1	m21	20	14	19	16	5	52	10	12	26	58	21	54	5		14	

SIMPLIFIED SCIENTIFIC

EPIHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

July, 1911

Full Moon July 11th in  $\Upsilon$   $18^{\circ} 3'$

Declination of the Planets

D	S	T	☉	☽	♃	♄	♅	♆	♁	♂	♁	♃	♄	♅	♆	♁	♂	♁	♃	♄	♅	♆	♁	♂	♁	
D	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	
1	6	33	23	11	14	52	24	21	9	21	14	47	11	58	6	1	21	6	21	17						
2	3	37		7	14	29	24	22	3	23		48		58		16					6					17
3	4	41		3	14	5	24	21	2	s34		50		58		31				6					16	
4	4	45	22	58	13	40	24	17	8	15		51		58		46				6					16	
5	5	49		53	13	16	24	11	13	30		53		59	7	1				7					15	
6	6	53		47	12	51	24	1	18	10		54		59		16				7					15	
7	6	57	22	41	12	26	23	49	22	5	14	55	12	0	7	31	21	8	21	14					14	
8	7	1		35	12	2	23	34	25	3		56		0		46				8					14	
9	9	5		29	11	36	23	17	26	56		58		1	8	1				9					11	
10	10	9		21	11	11	22	58	27	36		59		2		15				9					14	
11	11	13		14	10	46	22	37	26	59	15	1		3		29				10					13	
12	12	17		6	10	21	22	13	25	5		2		3		44				10					13	
13	13	21	21	58	9	55	21	48	22	1		3		4		58				11					12	
14	7	24	21	49	9	30	21	21	17	57	15	4	12	5	9	12	21	11	21	12					12	
15	15	28		41	9	4	20	53	13	4		5		6		26				12					12	
16	16	32		31	8	38	20	23	7	34		6		7		40				12					12	
17	17	36		22	8	13	19	52	1	38		7		8		54				13					11	
18	18	40		12	7	47	19	19	4	N29		8		9	10	7				13					11	
19	19	44		1	7	21	18	46	10	34		10		11		21				14					10	
20	20	48	20	50	6	55	18	12	16	17		11		12		34				14					10	
21	7	52	20	39	6	30	17	36	21	17	15	12	12	13	10	47	21	15	21	10					10	
22	22	56		28	6	4	17	1	25	6		13		14	11	1				15					10	
23	8	0		16	5	38	16	24	27	16		14		16		14				16					9	
24	4	4		4	5	13	15	47	27	29		14		18		26				16					9	
25	25	8	19	51	4	48	15	10	25	41		15		19		39				17					8	
26	26	12		39	4	22	14	32	22	7		16		21		52				17					8	
27	27	16		25	3	57	13	53	17	13		17		22	12	4				18					8	
28	8	20	19	12	3	32	13	15	11	30	15	18	12	23	12	17	21	18	21	8					8	
29	29	24	18	58	3	7	12	37	5	23		19		25		29				19					7	
30	30	28		44	2	42	11	58	0	s46		19		27		41				19					7	
31	8	31	18	30	2	18	11	19	6	42	15	20	12	29	12	53	21	20	21	6					6	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1911

New Moon August 24th in ♍ 0° 11'

Longitude of the Planets

D	☉	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋							
°	Ω'	♍'	♎'	♏'	♐'	♑'	♒'	♓'	♈'	♉'	♊'	♋'	♌'							
1	8	6	20	32	2	46	2	42	19	19	5	57	10	50	26	55	21	56	5	11
2	9	3	21	11	4	8	14	53	22	6	0	11	27	53	59	8				8
3	10	1	21	49	5	29	26	51	26		7	12	3	51	22	1				5
4	10	58	22	27	6	48	8	43	28		13	12	40	48		3				1
5	11	56	23	3	8	5	20	32	32		18	13	16	46		5	4			58
6	12	53	23	37	9	20	2	24	34		24	13	53	44		7				55
7	13	51	24	11	10	33	14	21	19	37	6	30	14	29	26	42	22	9	4	52
8	14	48	24	43	11	43	26	26	39		36	15	4	39		11				49
9	15	46	25	13	12	51	8	40	43		42	15	40	37		13				46
10	16	43	25	42	13	57	21	5	45		48	16	15	35		15				42
11	17	41	26	10	15	0	3	41	47		55	16	50	33		17				39
12	18	38	26	36	16	1	16	28	50	7	1	17	25	31		20				36
13	19	36	27	1	16	59	29	26	52		8	18	0	28		22				33
14	20	33	27	24	17	54	12	36	19	54	7	15	18	34	26	26	22	24	4	30
15	21	31	27	45	18	46	25	57	56		22	19	8	24		26				27
16	22	29	28	4	19	35	9	32	58		29	19	42	22		28				23
17	23	26	28	22	20	21	23	21	20	0	36	20	16	20		30				20
18	24	24	28	37	21	3	7	25	1		44	20	49	18		31				17
19	25	22	28	51	21	42	21	44	3		51	21	22	16		33				14
20	26	20	29	3	22	17	6	15	4		59	21	55	14		35				11
21	27	17	29	12	22	47	20	53	20	6	8	7	22	28	26	12	22	37	4	8
22	28	15	29	20	23	13	5	34	7		15	23	0	10		39				4
23	29	13	29	25	23	35	20	8	8		23	23	32	8		41				1
24	0	♍	11	29	28	23	52	4	9		31	24	3	6		43	3			58
25	1	9	29	29	24	3	18	32	10		39	24	35	5		45				55
26	2	7	29	27	24	9	2	12	11		47	25	6	3		47				52
27	3	5	29	23	24	10	15	26	12		56	25	36	1		48				49
28	4	3	29	17	24	5	28	17	20	12	9	5	26	7	25	59	22	50	3	45
29	5	1	29	8	23	53	10	46	13		13	26	37	58		52				42
30	5	59	28	57	23	36	22	58	13		22	27	6	56		54				39
31	6	57	28	44	23	12	4	58	20	14	9	31	27	36	25	54	22	55	3	36

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

August, 1911

Full Moon August 10th in ♋ 16° 43'

Declination of the Planets

D	ST	☉	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋						
°	'	N	N	N	S	N	S	N	S	N	S	S	N	N						
1	8	35	18	15	1	53	10	41	12	13	15	21	12	31	13	4	21	20	21	6
2		39		0		29	10	2	17	7		21		33		16		20		6
3		43	17	45		6	9	24	21	17		22		35		27		21		5
4		47		29	0	42	8	46	24	31		22		37		39		21		5
5		51		13		19	8	9	26	42		23		39		50		22		5
6		55	16	57	s	4	7	32	27	40		24		41	14	1	22			5
7	8	59	16	41	0	27	6	55	27	21	15	25	12	43	14	12	21	23	21	4
8	9	3		24		49	6	19	25	44		25		45		23		23		4
9		7		7	1	10	5	43	22	55		26		48		33		24		3
10		11	15	50		32	5	8	19	1		26		50		44		24		3
11		15		32		53	4	34	14	13		26		52		54		25		3
12		19		15	2	13	4	0	8	45		26		54	15	4	25			3
13		23	14	57		33	3	28	2	50		27		57		14		25		2
14	9	27	14	39	2	52	2	57	3	N18	15	27	12	59	15	24	21	25	21	2
15		31		20	3	11	2	26	9	24		28	13	2		34		26		1
16		35		2		29	1	57	15	10		28		5		43		26		1
17		38	13	43		46	1	29	20	17		28		7		53		27		1
18		42		24	4	3	1	3	24	21		28		9	16	2	27			1
19		46		4		19	0	38	26	58		29		12		11		28		0
20		50	12	45		34	0	15	27	48		29		15		20		28		0
21	9	54	12	25	4	49	0	s	6	26	42	15	29	13	18	16	29	21	28	59
22		58		5	5	2	0	26	23	47		29		20		38		28		59
23	10	2	11	45		15	0	43	19	21		29		23		46		29		59
24		6		25		27	0	58	13	53		29		26		55		29		59
25		10		4		37	1	10	7	47		29		29	17	3	30			58
26		14	10	44		47	1	20	1	30		29		32		11		30		58
27		18		23		56	1	26	4	s42		29		35		19		31		58
28	10	22	10	2	6	3	1	30	10	31	15	29	13	38	17	27	21	31	20	58
29		26	9	41		9	1	31	15	46		29		41		34		31		57
30		30		19		14	1	28	20	15		29		44		42		31		57
31	10	34	8	58	6	18	1	21	23	50	15	29	13	47	17	49	21	32	20	56

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1911

New Moon September 22nd in  $\eta$  28° 21'

Longitude of the Planets

D	☉	♀	♁	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁						
	°	′	″	°	′	″	°	′	″	°	′	″	°	′	″						
1	7	55	28R28	22R43	16	51	20	14	9	40	28	4	25R53	22	57	3	33				
2	8	53	28	10	22	7	28	42		14	49	28	33		51	59	29				
3	9	51	27	49	21	26	10V36	R14		59	29	1	50	23	0		26				
4	10	49	27	27	20	39	22	37		14	10	8	29	29		48	2	23			
5	11	47	27	2	19	48	4	48		14	18	29	57		47	4		20			
6	12	46	26	35	18	53	17	12		13	27	0II23		45		5		17			
7	13	44	26	6	17	56	29	51		20	13	10	37	0	50	25	44	23	7	3	14
8	14	42	25	36	16	56	12	44		12	47	1	16		43				8		10
9	15	40	25	4	15	56	25	51		12	57	1	42		41				10		7
10	16	39	24	31	14	57	9	11		11	11	7	2	7	40				11		4
11	17	37	23	56	14	0	22	42		10	17	2	32		39				13		1
12	18	35	23	21	13	6	6	24		9	27	2	57		38				14	2	57
13	19	34	22	45	12	18	20	15		8	37	3	21		37				16		54
14	20	32	22	8	11	36	4	13		20	7	11	48	3	44	25	36	23	17	2	51
15	21	31	21	31	11	1	18	19		5	58	4	7		35				18		48
16	22	29	20	54	10	33	2	30		4	12	9	4	30	34				20		45
17	23	28	20	17	10	15	16	45		2	19	4	52		33				21		42
18	24	26	19	40	10	6	1	1		1	30	5	14		32				22		38
19	25	25	19	5	10D	7	15	15		19	59		41	5	35				31		35
20	26	23	18	30	10	17	29	22			57		52	5	55				30		32
21	27	22	17	57	10	37	13	18		19	55	13	3	6	15	25	29	23	26	2	29
22	28	21	17	24	11	7	26	59			53		14	6	34				29		26
23	29	20	16	53	11	45	10	22		51		25	6	53					28		23
24	0	18	16	24	12	32	23	26		49		36	7	11	28				28		19
25	1	17	15	57	13	28	6	11		47		47	7	28	27				30		16
26	2	16	15	31	14	30	18	38		44		58	7	46	26				31		13
27	3	15	15	8	15	39	0	50		42	14	10	8	2	26				32		10
28	4	14	14	47	16	55	12	51		19	39	14	21	8	18	25	26	23	33	2	7
29	5	13	14	29	18	16	24	44		37		33	8	33					34		4
30	6	12	14	12	19	42	6	36		19	34	14	45	8	47	25	25	23	35	2	0

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

September, 1911

Full Moon September 8th in  $\epsilon$  14° 42'

Declination of the Planets

D	S	T	☉	♀	♁	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁		
	°	′	°	′	″	°	′	″	°	′	″	°	′	″	°	′	″	°	′	″	°	′	″
1	10	38	8	36	6	21	1	11	26	22	15	29	13	50	17	56	21	32	20	56			
2		42	8	14		22	0	57	27	42		29		53	18	4		32		56			
3		46	7	53		22	0	39	27	46		29		56		11		33		55			
4		49	7	31		21	0	18	26	31		29		59		17		33		55			
5		53	7	9		18	0	N	7	24	1	28	14	2	24		33		55				
6		57	6	46		14	0	35	20	23		28		5	31		33		55				
7	11	1	6	24	6	8	1	5	15	46	15	27	14	8	18	37	21	34	20	55			
8		5	6	2		1	1	39	10	22		27		11	43		34		55				
9		9	5	39	5	53	2	14	4	25		27		15	49		34		54				
10		13	5	16		43	2	50	1	N50		27		18	56		34		54				
11		17	4	54		32	3	26	8	6		26		21	19	1	34		53				
12		21	4	31		20	4	3	14	4		26		24		7	34		53				
13		25	4	8		7	4	38	19	25		25		28		13	35		53				
14	11	29	3	45	4	53	5	12	23	45	15	25	14	31	19	18	21	35	20	53			
15		33	3	22		38	5	44	26	42		24		35	24		35		53				
16		37	2	59		22	6	12	27	57		24		38	29		35		53				
17		41	2	36		5	6	37	27	22		23		42	34		35		52				
18		45	2	13	3	48	6	59	24	59		23		45	39		35		52				
19		49	1	49		30	7	16	21	4		22		48	44		36		52				
20		53	1	26		12	7	28	15	59		21		51	49		36		52				
21	11	56	1	3	2	53	7	37	10	8	15	20	14	55	19	54	21	36	20	51			
22	12	0	0	39		35	7	40	3	53		20		59	59		36		51				
23		4	0	16		16	7	40	2	s25		19	15	2	20	3	36		51				
24		8	0	s	8	1	57	7	34	8	28	18		6	8		36		51				
25		12	0	31		38	7	24	14	2		17		9	12		36		50				
26		16	0	54		20	7	11	18	54		16		13	16		36		50				
27		20	1	18		1	6	53	22	53		15		16	20		37		50				
28	12	24	1	41	0	43	6	31	25	49	15	15	15	20	20	24	21	37	20	50			
29		28	2	5		26	6	6	27	34		14		23	28		37		50				
30	12	32	2	28	0	9	5	38	28	3	15	13	15	27	20	32	21	37	20	49			

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1911

Eclipse of Sun October 22nd in  $\alpha$  27° 58'

Longitude of the Planets

D	☉	♀	♁	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁									
°	'	°	'	°	'	°	'	°	'	°	'	°	'									
1	7	11	13R57	21	11	18	30	19R31	14	56	9	0	25R25	23	36	1	57					
2	8	10	13	46	22	45	0	32	28	15	8	13	25	37			54					
3	9	9	13	36	24	21	12	46	25	20	25	24	38				51					
4	10	8	13	29	26	0	25	15	22	32	37	24	39				48					
5	11	7	13	25	27	40	8	2	19	44	48	24	40				45					
6	12	6	13	23	29	22	21	8	15	56	58	D24	40				41					
7	13	5	13b23	1	2	6	4	7	33	19	12	16	8	10	8	25	24	23	41	1	38	
8	14	5	13	26	2	50	18	16	8	20	16	24	42								35	
9	15	4	13	31	4	34	2	8	13	5	32	24	25	42							32	
10	16	3	13	38	6	20	16	22	1	44	31	25	43								29	
11	17	2	13	48	8	5	0	II39	18	58	56	37	25	43							26	
12	18	2	14	0	9	51	14	58	54	17	9	43	25	44							22	
13	19	1	14	14	11	36	29	17	50	21	47	26	45								19	
14	20	1	14	30	13	21	13	33	18	46	17	34	10	51	25	26	23	45	1		16	
15	21	0	14	48	15	5	27	43	42	46	54	27	45								13	
16	22	0	15	8	16	49	11	44	38	59	56	27	46								9	
17	22	59	15	30	18	32	25	36	34	18	11	57	28	46							6	
18	23	59	15	53	20	16	9	17	30	24	58	28	47								3	
19	24	58	16	19	21	58	22	45	26	36	R57	29	47								0	
20	25	58	16	46	23	41	6	0	21	49	56	30	47								0	57
21	26	58	17	15	25	22	19	1	18	17	19	2	10	53	25	30	23	47	0		54	
22	27	58	17	45	27	3	1	48	13	15	50	31	48								50	
23	28	57	18	17	28	43	14	20	8	27	46	32	48								47	
24	29	57	18	50	0m	23	26	40	4	40	41	33	48								44	
25	0m	57	19	25	2	8	48	17	59	53	35	34	48								41	
26	1	57	20	13	4	20	47	55	20	6	28	35	48								38	
27	2	57	20	38	5	19	2	40	50	19	20	36	48								35	
28	3	57	21	17	6	57	14	31	17	45	20	32	10	12	25	37	23R48	0			31	
29	4	57	21	57	8	34	26	24	41	45	2	38	48								28	
30	5	57	22	38	10	11	8	24	36	58	9	52	40								25	
31	6	57	23	20	11	46	20	35	17	31	21	11	9	41	25	41	23	48	0		22	

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

October, 1911

Full Moon October 8th in  $\gamma$  14° 5'

Declination of the Planets

D	ST	☉	♀	♁	♃	♅	♁	♁	♁	♁	♁	♁	♁								
°	'	°	'	°	'	°	'	°	'	°	'	°	'								
1	12	36	2	51	0	7	5		7	27	14	15	12	15	31	20	36	21	37	20	49
2		40	3	15		23	4	34	25	10		11		35		40		37			49
3		44	3	38		37	3	58	21	54		10		38		43		37			49
4		48	4	1		51	3	21	17	37		9		41		47		37			49
5		52	4	24	1	5	2	41	12	27		8		45		50		37			49
6		56	4	47		17	2	1	6	37		7		49		54		37			49
7	13	0	5	10	1	29	1	19	0	20	15	6	15	52	20	57	21	37	20		49
8		4	5	33		40	0	36	6	N 6		5		56	21	0		37			49
9		7	5	56		50	0	S	7	12	22	4		59		3		37			48
10		11	6	19		59	0	51	18	5	3	16	3	6		6		37			48
11		15	6	42	2	7	1	35	22	51		2		6		9		36			48
12		19	7	5		14	2	20	26	15		1		10		12		36			48
13		23	7	27		20	3	5	27	57	14	59		14		15		36			48
14	13	27	7	50	2	25	3	50	27	46	14	58	16	18	21	18	21	36	20		48
15		31	8	12		30	4	35	25	47		57		21		21		36			48
16		35	8	34		33	5	19	22	15		56		24		23		36			48
17		39	8	57		36	6	4	17	30		55		28		26		36			48
18		43	9	19		38	6	48	11	56		54		31		28		36			48
19		47	9	41		38	7	32	5	53		52		35		30		36			47
20		51	10	2		38	8	15	0	S20		51		38		33		36			47
21	13	55	10	24	2	38	8	58	6	26	14	50	16	42	21	35	21	35	20		47
22		59	10	45		36	9	41	12	11		49		45		37		35			47
23	14	3	11	7		34	10	22	17	19		47		49		39		35			47
24		7	11	28		30	11	4	21	39		46		53		41		35			47
25		11	11	49		26	11	44	24	59		45		57		43		34			47
26		14	12	10		22	12	24	27	10		44	17	0		45		34			47
27		18	12	30		16	13	4	28	5		42		4		46		34			47
28	14	22	12	51	2	10	13	42	27	42	14	40	17	7	21	48	21	34	20		47
29		26	13	11		3	14	20	26	3		39		11		49		34			47
30		30	13	31	1	56	14	57	23	14		38		14		51		34			47
31	14	34	13	51	1	47	15	33	19	21	14	37	17	18	21	52	21	33	20		47

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1911

New Moon November 20th in  $\eta$  27° 3'

Longitude of the Planets

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

SIMPLIFIED SCIENTIFIC

EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

November, 1911

Full Moon November 6th in  $\delta$  12° 57'

Declination of the Planets

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

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December 1911

New Moon December 20th in ♄ 27° 29'

Longitude of the Planets

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

SIMPLIFIED SCIENTIFIC  
EPHEMERIS OF THE PLANETS' PLACES

Calculated for Mean Noon at Greenwich

December 1911

Full Moon December 6th in ♃ 13° 15'

Declination of the Planets

D	S	T	☉	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁	
D	°	'	°	'	°	'	°	'	°	'	°	'	°	'	°	
1	16	36	21	41	6	26	25	52	0	48	13	58	18	59	21	31
2		40		51	6	46		51	7	6		56	19	2		28
3		44	22	0	7	7		49	13	17		55		5		26
4		48		8	7	28		46	18	58		54		8		24
5		52		16	7	49		42	23	39		53		11		22
6		56		24	8	10		36	26	48		52		14		20
7	17	0	22	32	8	31	25	29	28	0	13	51	19	17	21	18
8		4		38	8	52		20	27	6		51		20		16
9		8		45	9	13		10	24	15		50		23		14
10		12		51	9	34	24	59	19	55		49		25		12
11		16		56	9	35		47	14	33		48		28		10
12		20	23	2	10	16		34	8	38		47		31		9
13		24		6	10	37		20	2	30		46		34		7
14	17	28	23	10	10	58	24	6	3	s	36	13	46	19	36	21
15		32		14	11	19	23	50	9	24		45		39		4
16		36		17	11	40		35	14	44		44		42		3
17		39		20	12	0		19	19	25		43		44		2
18		43		22	12	21		2	23	14		43		46		1
19		47		24	12	41	22	46	26	1		42		49		0
20		51		26	13	2		29	27	37		42		52	20	59
21	17	55	23	27	13	22	22	12	27	55	13	41	19	55	20	58
22		59		27	13	42	21	56	26	57		41		57		58
23	18	3		27	14	2		40	24	46		40		59		57
24		7		27	14	21		25	21	30		40	20	2		57
25		11		26	14	41		10	17	20		39		4		57
26		15		24	15	0	20	56	12	26		39		6		57
27		19		22	15	19		44	6	58		38		9		57
28	18	23	23	20	15	37	20	34	1	7	13	38	20	12	20	58
29		27		17	15	55		25	4	n	57	37	14	58		4
30		31		14	16	14		18	11	0		37	16	59		4
31	18	35	23	10	16	31	20	14	16	44	13	37	20	18	21	0