

Detail from Raphael's Ephemeris for December 2011

NEW MOON - Dec.24,18h.06m. ( 2°v34')

FULL MOON - Dec.10,14h.36m. (18°x11')

24 DECEMBER 2011 [ RAPHAEL'S										
D	D	Sidereal	☉	☉	♃	♃	♃	♃	♃	24h.
M	W	Time	Long.	Dec.	Long.	Lat.	Dec.	Node	♃	♃
		h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	♃	♃
1	Th	16 40 00	8 56 10	21 S 47	28 33 48	5 N 06	7 S 11	14 35	4 X 47 29	4 S 53
2	F	16 43 56	9 56 59	21 56	10 X 56 51	5 17	2 S 34	14 32	17 02 27	0 S 15
3	S	16 47 53	10 57 49	22 05	23 04 52	5 14	2 N 04	14 29	29 04 40	4 N 20
4	Su	16 51 49	11 58 40	22 13	5 Y 02 26	4 57	6 33	14 26	10 Y 58 42	8 42
5	M	16 55 46	12 59 32	22 21	16 54 01	4 28	10 46	14 23	22 48 54	12 43
6	T	16 59 42	14 00 25	22 29	28 43 49	3 47	14 33	14 19	4 B 39 12	16 15
7	W	17 03 39	15 01 19	22 36	10 B 35 30	2 57	17 48	14 16	16 33 03	19 09
8	Th	17 07 35	16 02 13	22 42	22 32 13	1 58	20 18	14 13	23 33 17	21 14
9	F	17 11 32	17 03 09	22 48	4 X 36 31	0 N 54	21 56	14 10	10 X 42 09	22 23
10	S	17 15 29	18 04 05	22 54	16 50 23	0 S 14	22 33	14 07	23 01 22	22 27
11	Su	17 19 25	19 05 02	22 59	29 15 15	1 22	22 04	14 04	5 O 32 09	21 24
12	M	17 23 22	20 06 00	23 04	11 O 52 11	2 27	20 28	14 00	18 15 24	19 16
13	T	17 27 18	21 07 00	23 08	24 41 54	3 26	17 48	13 57	1 Q 11 44	16 07
14	W	17 31 15	22 08 00	23 12	7 Q 44 58	4 15	14 13	13 54	14 21 39	12 08
15	Th	17 35 11	23 09 01	23 16	21 01 49	4 51	9 53	13 51	27 45 31	7 29
16	F	17 39 08	24 10 02	23 19	4 mp 32 47	5 12	4 N 59	13 48	11 mp 23 37	2 N 24
17	S	17 43 04	25 11 05	23 21	18 17 59	5 16	0 S 14	13 45	25 15 52	2 S 53
18	Su	17 47 01	26 12 09	23 23	2 17 09	5 01	5 31	13 41	9 Δ 21 42	8 06
19	M	17 50 58	27 13 14	23 24	16 29 19	4 28	10 36	13 38	23 39 44	12 59
20	T	17 54 54	28 14 19	23 26	0 m 52 34	3 38	15 11	13 35	8 m 07 24	17 10
21	W	17 58 51	29 15 26	23 26	15 23 44	2 33	18 54	13 32	22 40 57	20 19
22	Th	18 02 47	0 v 16 33	23 26	29 58 26	1 S 18	21 25	13 29	7 15 26	22 09
23	F	18 06 44	1 17 41	23 26	14 31 15	0 N 01	22 31	13 25	21 45 06	22 30
24	S	18 10 40	2 18 50	23 25	28 56 16	1 20	22 06	13 22	6 v 04 01	21 20
25	Su	18 14 37	3 19 59	23 24	13 v 07 45	2 33	20 15	13 19	20 06 53	18 53
26	M	18 18 33	4 21 08	23 22	27 00 58	3 35	17 15	13 16	3 ≈ 49 40	15 24
27	T	18 22 30	5 22 18	23 20	10 ≈ 32 44	4 23	13 23	13 17	10 06 11	13 13
28	W	18 26 27	6 23 27	23 17	23 41 46	4 55	8 58	13 10	0 X 07 53	6 39
29	Th	18 30 23	7 24 37	23 14	6 X 28 40	5 12	4 S 18	13 06	12 44 27	1 S 56
30	F	18 34 20	8 25 46	23 10	18 55 40	5 14	0 N 26	13 03	25 02 46	2 N 46
31	S	18 38 16	9 v 26 55	23 S 06	1 Y 06 18	5 N 01	5 N 02	13 00	7 Y 06 50	7 N 15

FIRST QUARTER - Dec. 2,09h.52m. ( 9°x52')

EPHEMERIS ] DECEMBER 2011 25										
D	♃	♀	♁	♃	♃	♃	♃	♃	♃	Lunar Aspects
M	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	☉ ♃ ♀ ♁ ♃ ♃ ♃ ♃ ♃
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	15 39	6 v 10	9 mp 33	1 B 23	25 Δ 46	0 Y 41	28 ≈ 16	6 v 16		
2	14 R 23	7 25 9	59 1R 18	25 52	0R 40	28 17	6 18			
3	13 03	8 39 10	24 1	14 25 58	0 40 28	18 6	20			
4	11 40	9 53 10	49 1	09 26 04	0 39 28	19 6	22			
5	10 18	11 08 11	14 1	05 26 09	0 39 28	20 6	24			
6	8 59	12 22 11	39 1	01 26 15	0 39 28	20 6	26			
7	7 46	13 36 12	03 0	57 26 21	0 39 28	21 6	28			
8	6 41	14 50 12	27 0	53 26 26	0 39 28	22 6	30			
9	5 45	16 05 12	51 0	50 26 32	0 39 28	23 6	32			
10	5 00	17 19 13	14 0	47 26 37	0D 39	28 24	6 34			
11	4 27	18 33 13	37 0	44 26 43	0 39 28	25 6	36			
12	4 04	19 47 14	00 0	41 26 48	0 39 28	26 6	38			
13	3 53	21 02 14	22 0	38 26 53	0 39 28	23 6	40			
14	3D 52	22 16 14	44 0	36 26 59	0 39 28	29 6	42			
15	4 01	23 30 15	06 0	33 27 04	0 39 28	30 6	44			
16	4 19	24 44 15	27 0	31 27 09	0 40 28	31 6	46			
17	4 46	25 58 15	48 0	29 27 14	0 40 28	32 6	48			
18	5 19	27 12 16	09 0	28 27 19	0 40 28	34 6	51			
19	6 00	28 26 16	29 0	26 27 24	0 41 28	35 6	53			
20	6 46	29 v 40	16 49 0	25 27 28	0 41 28	36 6	55			
21	7 37	0 ≈ 54	17 09 0	24 27 33	0 42 28	38 6	57			
22	8 33	2 08 17	28 0	23 27 38	0 42 28	39 6	59			
23	9 33	3 22 17	46 0	22 27 42	0 43 28	40 7	01			
24	10 37	4 36 18	05 0	22 27 47	0 44 28	42 7	03			
25	11 43	5 50 18	22 0	22 27 51	0 44 28	43 7	05			
26	12 52	7 04 18	40 0D	22 27 55	0 45 28	45 7	08			
27	14 04	8 18 18	57 0	22 28 00	0 46 28	46 7	10			
28	15 18	9 31 19	13 0	23 28 04	0 47 28	48 7	12			
29	16 34	10 45 19	29 0	23 28 08	0 48 28	49 7	14			
30	17 51	11 59 19	44 0	24 28 12	0 49 28	51 7	16			
31	19 v 10	13 ≈ 13	19 mp 59	0 B 25	28 Δ 15	0 Y 50	28 ≈ 53	7 v 18		

LAST QUARTER - Dec.18,00h.48m. (25°mp44')