

superior conj	6101 Feb 26 19:23	8° H 22'13	-1°00'52	minimum elong	6103 Jul 24 21:26	5° Ω 50'55	1°43'00
minimum elong	6101 Feb 26 07:26	7° H 44'38	1°00'26	morning rise	6103 Jul 31 03:18	2° Ω 06'36	
	6101 Mar 16 00:05	0° Υ			6103 Aug 04 10:46	30° R S	
evening rise	6101 Apr 08 14:26	29° Υ 39'39		direct	6103 Aug 15 09:35	27° S 38'16	
	6101 Apr 08 20:55	0° B		greatest brilliancy	6103 Aug 25 05:20	29° S 23'29	-4.7m
	6101 May 02 20:19	0° Π			6103 Aug 26 21:14	0° Ω	
asc. node	6101 May 23 02:33	25° Π 09'45		morning max el	6103 Oct 03 02:11	27° Ω 20'11	45°41'38
	6101 May 27 00:29	0° S			6103 Oct 05 20:29	0° M	
	6101 Jun 20 11:25	0° Ω			6103 Nov 03 11:10	0° S	
	6101 Jul 15 07:41	0° M		asc. node	6103 Nov 07 21:54	4° S 57'08	
	6101 Aug 09 18:13	0° S			6103 Nov 29 17:20	0° M	
	6101 Sep 05 05:45	0° M			6103 Dec 24 20:58	0° S	
desc. node	6101 Sep 11 18:37	7° M 06'59			6104 Jan 18 10:05	0° S	
	6101 Oct 03 23:52	0° S			6104 Feb 11 15:01	0° \approx	
evening max el	6101 Oct 06 03:06	2° S 03'15	45°46'07	desc. node	6104 Feb 27 13:42	19° \approx 54'13	
	6101 Nov 13 14:19	0° S			6104 Mar 06 15:20	0° H	
greatest brilliancy	6101 Nov 14 15:24	0° S 21'30	-4.8m		6104 Mar 30 13:16	0° Υ	
retrograde	6101 Nov 23 23:50	1° S 57'17		morning set	6104 Apr 03 11:17	4° Υ 55'06	
	6101 Dec 03 21:26	30° R S			6104 Apr 23 10:50	0° B	
evening set	6101 Dec 09 15:35	27° S 14'00					
inferior conj	6101 Dec 14 22:30	24° S 05'03	-4°31'35	superior conj	6104 May 13 18:15	25° B 26'07	-1°14'29
minimum elong	6101 Dec 15 07:31	23° S 51'10	4°29'07	minimum elong	6104 May 14 04:23	25° B 57'46	1°14'15
min. Earth dist.	6101 Dec 15 19:46	23° S 32'19	0.27682 AU		6104 May 17 09:55	0° Π	
morning rise	6101 Dec 20 22:46	20° S 30'55		max. Earth dist.	6104 May 17 13:58	0° Π 12'40	1.71824 AU
asc. node	6102 Jan 02 19:29	16° S 08'48			6104 Jun 10 11:56	0° S	
direct	6102 Jan 05 00:02	16° S 02'55		asc. node	6104 Jun 19 14:24	11° S 17'24	
greatest brilliancy	6102 Jan 16 02:56	18° S 22'04	-4.9m	evening rise	6104 Jun 22 04:24	14° S 29'22	
	6102 Feb 03 19:58	0° S			6104 Jul 04 17:41	0° Ω	
morning max el	6102 Feb 24 14:22	19° S 06'14	46°53'17		6104 Jul 29 03:37	0° M	
	6102 Mar 07 00:53	0° \approx			6104 Aug 22 18:38	0° S	
	6102 Apr 02 18:38	0° H			6104 Sep 16 16:48	0° M	
desc. node	6102 Apr 24 11:35	25° H 35'02		desc. node	6104 Oct 09 06:20	26° M 43'19	
	6102 Apr 28 04:14	0° Υ			6104 Oct 12 01:30	0° S	
	6102 May 23 00:26	0° B			6104 Nov 07 02:25	0° S	
	6102 Jun 16 15:11	0° Π			6104 Dec 04 09:57	0° \approx	
	6102 Jul 11 04:13	0° S		evening max el	6104 Dec 17 18:58	13° \approx 41'50	46°37'12
	6102 Aug 04 16:35	0° Ω			6105 Jan 04 15:03	0° H	
asc. node	6102 Aug 15 12:10	13° Ω 15'13		greatest brilliancy	6105 Jan 26 22:30	13° H 56'23	-4.9m
morning set	6102 Aug 28 05:55	28° Ω 52'46		asc. node	6105 Jan 30 07:25	14° H 57'43	
	6102 Aug 29 03:50	0° M		retrograde	6105 Feb 05 20:52	15° H 47'27	
	6102 Sep 22 13:17	0° S		evening set	6105 Feb 21 03:53	11° H 11'58	
max. Earth dist.	6102 Oct 02 11:24	12° S 13'34	1.73301 AU	inferior conj	6105 Feb 26 10:58	8° H 02'58	6°23'40
				minimum elong	6105 Feb 25 24:00	8° H 19'50	6°21'08
superior conj	6102 Oct 03 19:28	13° S 52'27	1°24'07	min. Earth dist.	6105 Feb 26 01:48	8° H 17'04	0.26789 AU
minimum elong	6102 Oct 03 16:06	13° S 42'06	1°24'06	morning rise	6105 Mar 02 20:11	5° H 25'04	
	6102 Oct 16 21:03	0° M		direct	6105 Mar 19 00:02	0° H 20'12	
evening rise	6102 Nov 09 11:05	29° M 08'01		greatest brilliancy	6105 Mar 28 14:02	2° H 04'29	-4.9m
	6102 Nov 10 03:54	0° S			6105 May 05 08:23	0° Υ	
	6102 Dec 04 10:32	0° S		morning max el	6105 May 08 07:11	2° Υ 55'17	46°49'12
desc. node	6102 Dec 05 04:00	0° S 53'59		desc. node	6105 May 21 23:25	17° Υ 07'31	
	6102 Dec 28 17:07	0° \approx			6105 Jun 02 18:05	0° B	
	6103 Jan 21 23:59	0° H			6105 Jun 29 01:28	0° Π	
	6103 Feb 15 08:53	0° Υ			6105 Jul 24 14:20	0° S	
	6103 Mar 12 00:25	0° B			6105 Aug 18 18:05	0° Ω	
asc. node	6103 Mar 28 04:53	19° B 19'10		asc. node	6105 Sep 12 00:07	29° Ω 14'00	
	6103 Apr 06 07:44	0° Π			6105 Sep 12 15:18	0° M	
	6103 May 03 02:51	0° S			6105 Oct 07 06:27	0° S	
evening max el	6103 May 14 20:33	12° S 08'15	46°27'31		6105 Oct 31 16:14	0° M	
	6103 Jun 03 13:43	0° Ω		morning set	6105 Nov 04 14:49	4° M 52'03	
greatest brilliancy	6103 Jun 22 14:23	11° Ω 41'47	-4.8m		6105 Nov 24 21:54	0° S	
retrograde	6103 Jul 03 17:39	13° Ω 58'02		max. Earth dist.	6105 Dec 09 01:34	17° S 35'22	1.72295 AU
desc. node	6103 Jul 17 20:58	10° Ω 00'38					
evening set	6103 Jul 18 16:15	9° Ω 34'36		superior conj	6105 Dec 11 23:00	21° S 11'20	0°47'14
min. Earth dist.	6103 Jul 24 13:02	6° Ω 04'01	0.28477 AU	minimum elong	6105 Dec 12 08:17	21° S 40'14	0°46'53
inferior conj	6103 Jul 25 01:16	5° Ω 44'56	-1°44'07		6105 Dec 19 00:51	0° S	

desc. node	6106 Jan 01 15:58	16° ♁ 59'43			6108 Jul 02 12:35	0° ♁	
	6106 Jan 12 01:55	0° \approx		morning max el	6108 Jul 20 07:50	15° ♁ 55'56	46°04'32
evening rise	6106 Jan 20 06:27	10° \approx 14'01			6108 Aug 03 06:12	0° ♁	
	6106 Feb 05 01:36	0° ♁			6108 Aug 30 19:36	0° Ω	
	6106 Mar 01 00:52	0° Υ			6108 Sep 25 23:09	0° ♁	
	6106 Mar 25 01:49	0° ♁		asc. node	6108 Oct 09 11:56	15° ♁ 55'21	
	6106 Apr 18 07:51	0° ♁			6108 Oct 21 07:32	0° Ω	
asc. node	6106 Apr 24 16:40	7° ♁ 48'16			6108 Nov 15 02:39	0° ♁	
	6106 May 12 23:36	0° ♁			6108 Dec 09 12:32	0° ♁	
	6106 Jun 07 08:02	0° Ω			6109 Jan 02 16:28	0° ♁	
	6106 Jul 03 23:53	0° ♁		morning set	6109 Jan 14 15:31	14° ♁ 55'30	
evening max el	6106 Jul 24 09:29	21° ♁ 01'49	45°40'55		6109 Jan 26 16:41	0° \approx	
	6106 Aug 03 01:00	0° Ω		desc. node	6109 Jan 29 03:49	3° \approx 05'15	
desc. node	6106 Aug 14 08:57	9° Ω 16'20			6109 Feb 19 14:28	0° ♁	
greatest brilliancy	6106 Aug 31 23:02	19° Ω 18'39	-4.7m	max. Earth dist.	6109 Feb 23 03:12	4° ♁ 26'20	1.71219 AU
retrograde	6106 Sep 11 07:10	21° Ω 14'58					
evening set	6106 Sep 29 04:00	15° Ω 16'56		superior conj	6109 Feb 24 06:07	5° ♁ 50'57	-0°57'57
inferior conj	6106 Oct 02 20:34	13° Ω 00'00	-8°25'23	minimum elong	6109 Feb 23 18:19	5° ♁ 13'49	0°57'30
minimum elong	6106 Oct 02 16:31	13° Ω 06'22	8°25'08		6109 Mar 15 10:58	0° Υ	
min. Earth dist.	6106 Oct 02 22:46	12° Ω 56'32	0.29144 AU	evening rise	6109 Apr 06 00:59	27° Υ 07'50	
morning rise	6106 Oct 06 04:56	10° Ω 55'01			6109 Apr 08 07:52	0° ♁	
direct	6106 Oct 24 10:07	4° Ω 41'09			6109 May 02 07:21	0° ♁	
greatest brilliancy	6106 Nov 04 01:20	6° Ω 43'35	-4.8m	asc. node	6109 May 22 04:33	24° ♁ 41'27	
asc. node	6106 Dec 05 09:41	28° Ω 34'08			6109 May 26 11:40	0° ♁	
	6106 Dec 06 22:40	0° ♁			6109 Jun 19 22:54	0° Ω	
morning max el	6106 Dec 12 21:25	5° ♁ 43'11	46°09'08		6109 Jul 14 19:44	0° ♁	
	6107 Jan 04 22:06	0° ♁			6109 Aug 09 07:23	0° Ω	
	6107 Jan 31 00:51	0° ♁			6109 Sep 04 21:21	0° ♁	
	6107 Feb 25 01:07	0° \approx		desc. node	6109 Sep 10 20:31	6° ♁ 27'42	
	6107 Mar 21 12:49	0° ♁			6109 Oct 03 22:18	0° ♁	
desc. node	6107 Mar 27 01:37	6° ♁ 49'55		evening max el	6109 Oct 03 18:35	29° ♁ 51'10	45°45'00
	6107 Apr 14 18:16	0° Υ		greatest brilliancy	6109 Nov 12 05:01	28° ♁ 04'28	-4.8m
	6107 May 08 21:09	0° ♁		retrograde	6109 Nov 21 13:58	29° ♁ 40'03	
	6107 Jun 02 00:04	0° ♁		evening set	6109 Dec 07 08:35	24° ♁ 52'49	
morning set	6107 Jun 17 12:51	19° ♁ 16'36		inferior conj	6109 Dec 12 12:49	21° ♁ 47'06	-4°50'05
	6107 Jun 26 04:35	0° ♁		minimum elong	6109 Dec 12 22:12	21° ♁ 32'37	4°47'36
asc. node	6107 Jul 18 02:17	27° ♁ 04'44		min. Earth dist.	6109 Dec 13 10:11	21° ♁ 14'09	0.27743 AU
	6107 Jul 20 11:04	0° Ω		morning rise	6109 Dec 18 11:13	18° ♁ 15'16	
				asc. node	6110 Jan 01 21:32	13° ♁ 45'00	
superior conj	6107 Jul 25 11:51	6° Ω 12'37	0°17'43	direct	6110 Jan 02 15:27	13° ♁ 44'19	
minimum elong	6107 Jul 25 08:02	6° Ω 00'52	0°17'30	greatest brilliancy	6110 Jan 13 17:32	16° ♁ 02'40	-4.9m
max. Earth dist.	6107 Jul 27 01:35	8° Ω 08'58	1.73135 AU		6110 Feb 04 06:49	0° ♁	
	6107 Aug 13 19:07	0° ♁		morning max el	6110 Feb 22 05:18	16° ♁ 46'48	46°52'13
evening rise	6107 Aug 31 03:30	21° ♁ 21'02			6110 Mar 06 19:38	0° \approx	
	6107 Sep 07 04:25	0° Ω			6110 Apr 02 09:32	0° ♁	
	6107 Oct 01 15:26	0° ♁		desc. node	6110 Apr 23 13:33	25° ♁ 00'50	
	6107 Oct 26 05:09	0° ♁			6110 Apr 27 17:27	0° Υ	
desc. node	6107 Nov 06 18:12	14° ♁ 01'46			6110 May 22 12:44	0° ♁	
	6107 Nov 19 22:32	0° ♁			6110 Jun 16 02:54	0° ♁	
	6107 Dec 14 20:32	0° \approx			6110 Jul 10 15:30	0° ♁	
	6108 Jan 09 02:04	0° ♁			6110 Aug 04 03:33	0° Ω	
	6108 Feb 04 00:41	0° Υ		asc. node	6110 Aug 14 14:09	12° Ω 48'02	
asc. node	6108 Feb 27 19:06	25° Υ 45'49		morning set	6110 Aug 25 23:14	26° Ω 45'36	
evening max el	6108 Feb 29 11:40	27° Υ 29'13	47°06'15		6110 Aug 28 14:34	0° ♁	
	6108 Mar 02 23:39	0° ♁			6110 Sep 21 23:56	0° Ω	
greatest brilliancy	6108 Apr 10 04:08	28° ♁ 52'43	-4.9m	max. Earth dist.	6110 Sep 30 07:10	10° Ω 13'41	1.73316 AU
	6108 Apr 13 19:31	0° ♁					
retrograde	6108 Apr 20 05:41	0° ♁ 48'40		superior conj	6110 Oct 01 13:18	11° Ω 46'34	1°23'27
	6108 Apr 26 11:51	30° ♁ 8		minimum elong	6110 Oct 01 09:19	11° Ω 34'18	1°23'26
evening set	6108 May 07 14:57	24° ♁ 58'03			6110 Oct 16 07:45	0° ♁	
inferior conj	6108 May 11 02:51	22° ♁ 49'42	7°56'08	evening rise	6110 Nov 07 03:28	26° ♁ 56'51	
minimum elong	6108 May 11 12:06	22° ♁ 35'22	7°54'42		6110 Nov 09 14:45	0° ♁	
min. Earth dist.	6108 May 11 00:32	22° ♁ 53'17	0.27498 AU		6110 Dec 03 21:36	0° ♁	
morning rise	6108 May 15 09:23	20° ♁ 14'09		desc. node	6110 Dec 04 06:06	0° ♁ 26'15	
direct	6108 May 31 20:56	14° ♁ 57'11			6110 Dec 28 04:27	0° \approx	
greatest brilliancy	6108 Jun 10 12:56	16° ♁ 41'24	-4.8m		6111 Jan 21 11:40	0° ♁	
desc. node	6108 Jun 18 11:09	20° ♁ 17'30			6111 Feb 14 21:07	0° Υ	

	6111 Mar 11 13:33	0°♄		6113 Aug 18 05:55	0°♋	
asc. node	6111 Mar 27 06:46	18°♄43'27	asc. node	6113 Sep 11 02:00	28°♋45'18	
	6111 Apr 05 22:31	0°♄		6113 Sep 12 02:39	0°♄	
	6111 May 02 21:37	0°♄		6113 Oct 06 17:31	0°♄	
evening max el	6111 May 12 12:09	9°♄52'50 46°29'13		6113 Oct 31 03:08	0°♄	
	6111 Jun 04 03:04	0°♋	morning set	6113 Nov 02 07:37	2°♄42'00	
greatest brilliancy	6111 Jun 20 07:28	9°♋29'51 -4.8m		6113 Nov 24 08:47	0°♄	
retrograde	6111 Jul 01 09:27	11°♋44'42	max. Earth dist.	6113 Dec 06 18:44	15°♄25'30 1.72342 AU	
evening set	6111 Jul 16 08:00	7°♋22'02				
desc. node	6111 Jul 16 23:03	7°♋01'04	superior conj	6113 Dec 09 13:49	18°♄54'10 0°50'08	
min. Earth dist.	6111 Jul 22 05:07	3°♋50'44 0.28434 AU	minimum elong	6113 Dec 09 23:22	19°♄23'52 0°49'47	
inferior conj	6111 Jul 22 16:54	3°♋32'19 -1°23'41		6113 Dec 18 11:47	0°♄	
minimum elong	6111 Jul 22 13:48	3°♋37'10 1°22'46	desc. node	6113 Dec 31 17:58	16°♄31'34	
morning rise	6111 Jul 28 20:18	29°♄51'56		6114 Jan 11 12:59	0°♄	
	6111 Jul 28 14:25	30°♄51'56	evening rise	6114 Jan 17 19:11	7°♄49'07	
direct	6111 Aug 13 00:56	25°♄26'28		6114 Feb 04 12:50	0°♄	
greatest brilliancy	6111 Aug 22 20:10	27°♄11'00 -4.7m		6114 Feb 28 12:17	0°♄	
	6111 Aug 29 08:50	0°♋		6114 Mar 24 13:28	0°♄	
morning max el	6111 Sep 30 16:34	25°♋06'17 45°41'29		6114 Apr 17 19:51	0°♄	
	6111 Oct 05 17:32	0°♄	asc. node	6114 Apr 23 18:44	7°♄17'28	
	6111 Nov 03 02:22	0°♄		6114 May 12 12:15	0°♄	
asc. node	6111 Nov 06 23:59	4°♄21'38		6114 Jun 06 21:59	0°♋	
	6111 Nov 29 06:28	0°♄		6114 Jul 03 16:52	0°♄	
	6111 Dec 24 09:08	0°♄	evening max el	6114 Jul 22 00:37	18°♄48'40 45°41'52	
	6112 Jan 17 21:45	0°♄		6114 Aug 03 04:55	0°♄	
	6112 Feb 11 02:23	0°♄	desc. node	6114 Aug 13 10:50	8°♄08'10	
desc. node	6112 Feb 26 15:38	19°♄25'04	greatest brilliancy	6114 Aug 29 13:19	17°♄07'14 -4.7m	
	6112 Mar 06 02:30	0°♄	retrograde	6114 Sep 08 23:40	19°♄05'42	
	6112 Mar 30 00:19	0°♄	evening set	6114 Sep 26 17:44	13°♄10'41	
morning set	6112 Mar 31 22:00	2°♄23'24	inferior conj	6114 Sep 30 12:52	10°♄50'05 -8°20'49	
	6112 Apr 22 21:48	0°♄	minimum elong	6114 Sep 30 08:07	10°♄57'32 8°20'29	
			min. Earth dist.	6114 Sep 30 13:51	10°♄48'32 0.29157 AU	
superior conj	6112 May 11 06:57	23°♄01'39 -1°16'23	morning rise	6114 Oct 03 22:25	8°♄43'32	
minimum elong	6112 May 11 16:39	23°♄31'59 1°16'11	direct	6114 Oct 22 02:20	2°♄31'06	
max. Earth dist.	6112 May 15 02:45	27°♄48'33 1.71776 AU	greatest brilliancy	6114 Nov 01 17:07	4°♄33'15 -4.8m	
	6112 May 16 20:49	0°♄	asc. node	6114 Dec 04 11:45	27°♄40'48	
	6112 Jun 09 22:50	0°♄		6114 Dec 06 22:42	0°♄	
asc. node	6112 Jun 18 16:28	10°♄49'58	morning max el	6114 Dec 10 13:24	3°♄30'13 46°07'39	
evening rise	6112 Jun 19 19:07	12°♄12'28		6115 Jan 04 14:25	0°♄	
	6112 Jul 04 04:39	0°♄		6115 Jan 30 14:42	0°♄	
	6112 Jul 28 14:44	0°♄		6115 Feb 24 13:51	0°♄	
	6112 Aug 22 06:06	0°♄		6115 Mar 21 00:56	0°♄	
	6112 Sep 16 04:52	0°♄	desc. node	6115 Mar 26 03:33	6°♄18'47	
desc. node	6112 Oct 08 08:19	26°♄11'12		6115 Apr 14 05:59	0°♄	
	6112 Oct 11 14:36	0°♄		6115 May 08 08:34	0°♄	
	6112 Nov 06 17:30	0°♄		6115 Jun 01 11:14	0°♄	
	6112 Dec 04 05:27	0°♄	morning set	6115 Jun 15 03:52	17°♄00'03	
evening max el	6112 Dec 15 07:33	11°♄16'32 46°35'17		6115 Jun 25 15:33	0°♄	
	6113 Jan 05 04:45	0°♄	asc. node	6115 Jul 17 04:14	26°♄37'11	
greatest brilliancy	6113 Jan 24 12:05	11°♄29'50 -4.9m		6115 Jul 19 21:55	0°♄	
asc. node	6113 Jan 29 09:24	12°♄50'49				
retrograde	6113 Feb 03 08:52	13°♄19'52	superior conj	6115 Jul 23 04:29	4°♄02'25 0°14'26	
evening set	6113 Feb 18 13:03	8°♄49'12	minimum elong	6115 Jul 23 01:20	3°♄52'43 0°14'14	
inferior conj	6113 Feb 23 23:34	5°♄35'52 6°05'49	behind sun begin	6115 Jul 22 14:45	3°♄20'02	
minimum elong	6113 Feb 23 12:40	5°♄52'35 6°03'11	behind sun end	6115 Jul 23 11:56	4°♄25'24	
min. Earth dist.	6113 Feb 23 15:29	5°♄48'16 0.26778 AU	max. Earth dist.	6115 Jul 24 20:51	6°♄06'56 1.73106 AU	
morning rise	6113 Feb 28 12:15	2°♄52'56		6115 Aug 13 05:57	0°♄	
	6113 Mar 06 07:09	30°♄52'46	evening rise	6115 Aug 28 21:48	19°♄16'22	
direct	6113 Mar 16 12:00	27°♄52'46		6115 Sep 06 15:20	0°♄	
greatest brilliancy	6113 Mar 26 04:26	29°♄38'54 -4.9m		6115 Oct 01 02:33	0°♄	
	6113 Mar 27 03:30	0°♄		6115 Oct 25 16:39	0°♄	
	6113 May 05 08:14	0°♄	desc. node	6115 Nov 05 20:16	13°♄32'28	
morning max el	6113 May 05 19:33	0°♄28'18 46°50'32		6115 Nov 19 10:36	0°♄	
desc. node	6113 May 21 01:30	16°♄22'44		6115 Dec 14 09:27	0°♄	
	6113 Jun 02 10:43	0°♄		6116 Jan 08 16:20	0°♄	
	6113 Jun 28 15:26	0°♄		6116 Feb 03 17:33	0°♄	
	6113 Jul 24 02:57	0°♄	asc. node	6116 Feb 26 21:02	24°♄53'56	

evening max el	6116 Feb 27 02:14	25° Υ 07'08	47°06'27	max. Earth dist.	6118 Sep 28 01:36	8° Ω 09'38	1.73329 AU
	6116 Mar 02 23:50	0° \mathcal{B}					
greatest brilliancy	6116 Apr 07 17:55	26° \mathcal{B} 28'55	-4.9m	superior conj	6118 Sep 29 07:22	9° Ω 41'20	1°22'42
retrograde	6116 Apr 17 20:20	28° \mathcal{B} 25'22		minimum elong	6118 Sep 29 02:47	9° Ω 27'12	1°22'39
evening set	6116 May 05 07:50	22° \mathcal{B} 30'03			6118 Oct 15 18:29	0° \mathcal{M}	
inferior conj	6116 May 08 16:28	20° \mathcal{B} 26'35	8°07'12	evening rise	6118 Nov 04 20:06	24° \mathcal{M} 46'35	
minimum elong	6116 May 09 01:13	20° \mathcal{B} 13'02	8°05'57		6118 Nov 09 01:37	0° \mathcal{X}	
min. Earth dist.	6116 May 08 13:28	20° \mathcal{B} 31'14	0.27473 AU	desc. node	6118 Dec 03 08:08	29° \mathcal{X} 58'21	
morning rise	6116 May 12 18:47	17° \mathcal{B} 57'28			6118 Dec 03 08:40	0° \mathcal{Z}	
direct	6116 May 29 10:39	12° \mathcal{B} 34'35			6118 Dec 27 15:50	0° \approx	
greatest brilliancy	6116 Jun 08 01:04	14° \mathcal{B} 17'58	-4.8m		6119 Jan 20 23:29	0° \mathcal{H}	
desc. node	6116 Jun 17 13:10	18° \mathcal{B} 48'11			6119 Feb 14 09:31	0° Υ	
	6116 Jul 02 22:50	0° Π			6119 Mar 11 02:51	0° \mathcal{B}	
morning max el	6116 Jul 17 23:07	13° Π 40'25	46°06'06	asc. node	6119 Mar 26 08:52	18° \mathcal{B} 07'53	
	6116 Aug 03 00:48	0° \mathcal{G}			6119 Apr 05 13:33	0° Π	
	6116 Aug 30 10:11	0° Ω			6119 May 02 16:55	0° \mathcal{G}	
	6116 Sep 25 11:57	0° \mathcal{M}		evening max el	6119 May 10 02:38	7° \mathcal{G} 34'28	46°31'06
asc. node	6116 Oct 08 14:03	15° \mathcal{M} 25'21			6119 Jun 04 20:59	0° Ω	
	6116 Oct 20 19:25	0° Ω		greatest brilliancy	6119 Jun 18 00:46	7° Ω 18'01	-4.8m
	6116 Nov 14 14:03	0° \mathcal{M}		retrograde	6119 Jun 29 00:51	9° Ω 31'25	
	6116 Dec 08 23:43	0° \mathcal{X}		evening set	6119 Jul 13 23:51	5° Ω 09'00	
	6117 Jan 02 03:35	0° \mathcal{Z}		desc. node	6119 Jul 16 00:59	3° Ω 58'52	
morning set	6117 Jan 12 04:28	12° \mathcal{Z} 31'26		inferior conj	6119 Jul 20 08:30	1° Ω 19'43	-1°03'01
	6117 Jan 26 03:45	0° \approx		minimum elong	6119 Jul 20 06:09	1° Ω 23'23	1°02'20
desc. node	6117 Jan 28 05:44	2° \approx 36'36		min. Earth dist.	6119 Jul 19 21:30	1° Ω 36'57	0.28393 AU
	6117 Feb 19 01:31	0° \mathcal{H}			6119 Jul 22 11:42	30° \mathcal{R} \mathcal{G}	
max. Earth dist.	6117 Feb 20 11:45	1° \mathcal{H} 47'33	1.71233 AU	morning rise	6119 Jul 26 13:05	27° \mathcal{G} 37'22	
				direct	6119 Aug 10 15:44	23° \mathcal{G} 14'26	
superior conj	6117 Feb 21 16:44	3° \mathcal{H} 18'37	-0°54'55	greatest brilliancy	6119 Aug 20 11:32	24° \mathcal{G} 59'01	-4.7m
minimum elong	6117 Feb 21 05:10	2° \mathcal{H} 42'17	0°54'27		6119 Aug 30 22:34	0° Ω	
	6117 Mar 14 22:02	0° Υ		morning max el	6119 Sep 28 06:47	22° Ω 51'59	45°41'32
evening rise	6117 Apr 03 11:24	24° Υ 34'59			6119 Oct 05 13:47	0° \mathcal{M}	
	6117 Apr 07 18:59	0° \mathcal{B}			6119 Nov 02 17:17	0° Ω	
	6117 May 01 18:35	0° Π		asc. node	6119 Nov 06 01:59	3° Ω 46'25	
asc. node	6117 May 21 06:37	24° Π 12'46			6119 Nov 28 19:23	0° \mathcal{M}	
	6117 May 25 23:04	0° \mathcal{G}			6119 Dec 23 21:07	0° \mathcal{X}	
	6117 Jun 19 10:36	0° Ω			6120 Jan 17 09:15	0° \mathcal{Z}	
	6117 Jul 14 08:01	0° \mathcal{M}			6120 Feb 10 13:38	0° \approx	
	6117 Aug 08 20:50	0° Ω		desc. node	6120 Feb 25 17:39	18° \approx 56'28	
	6117 Sep 04 13:21	0° \mathcal{M}			6120 Mar 05 13:37	0° \mathcal{H}	
desc. node	6117 Sep 09 22:33	5° \mathcal{M} 48'01		morning set	6120 Mar 29 08:08	29° \mathcal{H} 49'56	
evening max el	6117 Oct 01 09:33	27° \mathcal{M} 37'25	45°43'47		6120 Mar 29 11:20	0° Υ	
	6117 Oct 03 21:53	0° \mathcal{X}			6120 Apr 22 08:44	0° \mathcal{B}	
greatest brilliancy	6117 Nov 09 18:59	25° \mathcal{X} 47'26	-4.8m				
retrograde	6117 Nov 19 03:21	27° \mathcal{X} 22'16		superior conj	6120 May 08 19:06	20° \mathcal{B} 35'38	-1°18'11
evening set	6117 Dec 05 01:35	22° \mathcal{X} 31'02		minimum elong	6120 May 09 04:17	21° \mathcal{B} 04'21	1°18'00
inferior conj	6117 Dec 10 03:06	19° \mathcal{X} 28'45	-5°07'59	max. Earth dist.	6120 May 12 11:56	25° \mathcal{B} 13'23	1.71725 AU
minimum elong	6117 Dec 10 12:46	19° \mathcal{X} 13'46	5°05'32		6120 May 16 07:39	0° Π	
min. Earth dist.	6117 Dec 11 00:49	18° \mathcal{X} 55'09	0.27809 AU		6120 Jun 09 09:38	0° \mathcal{G}	
morning rise	6117 Dec 15 23:23	15° \mathcal{X} 59'15		evening rise	6120 Jun 17 09:21	9° \mathcal{G} 54'26	
direct	6117 Dec 31 06:31	11° \mathcal{X} 25'09		asc. node	6120 Jun 17 18:22	10° \mathcal{G} 22'22	
asc. node	6117 Dec 31 23:30	11° \mathcal{X} 25'45			6120 Jul 03 15:29	0° Ω	
greatest brilliancy	6118 Jan 11 08:36	13° \mathcal{X} 43'04	-4.9m		6120 Jul 28 01:45	0° \mathcal{M}	
	6118 Feb 04 15:08	0° \mathcal{Z}			6120 Aug 21 17:28	0° Ω	
morning max el	6118 Feb 19 19:20	14° \mathcal{Z} 24'16	46°51'07		6120 Sep 15 16:50	0° \mathcal{M}	
	6118 Mar 06 14:10	0° \approx		desc. node	6120 Oct 07 10:26	25° \mathcal{M} 39'50	
	6118 Apr 02 00:26	0° \mathcal{H}			6120 Oct 11 03:38	0° \mathcal{X}	
desc. node	6118 Apr 22 15:42	24° \mathcal{H} 26'56			6120 Nov 06 08:33	0° \mathcal{Z}	
	6118 Apr 27 06:42	0° Υ			6120 Dec 04 01:13	0° \approx	
	6118 May 22 01:03	0° \mathcal{B}		evening max el	6120 Dec 12 20:09	8° \approx 52'26	46°33'27
	6118 Jun 15 14:37	0° Π			6121 Jan 05 22:28	0° \mathcal{H}	
	6118 Jul 10 02:48	0° \mathcal{G}		greatest brilliancy	6121 Jan 22 01:05	9° \mathcal{H} 03'40	-4.9m
	6118 Aug 03 14:32	0° Ω		asc. node	6121 Jan 28 11:18	10° \mathcal{H} 39'36	
asc. node	6118 Aug 13 16:05	12° Ω 20'28		retrograde	6121 Jan 31 21:16	10° \mathcal{H} 53'28	
morning set	6118 Aug 23 16:35	24° Ω 38'20		evening set	6121 Feb 15 22:28	6° \mathcal{H} 26'51	
	6118 Aug 28 01:22	0° \mathcal{M}		min. Earth dist.	6121 Feb 21 05:01	3° \mathcal{H} 20'33	0.26776 AU
	6118 Sep 21 10:38	0° Ω		inferior conj	6121 Feb 21 12:10	3° \mathcal{H} 09'36	5°47'14

minimum elong	6121 Feb 21 01:27	3° H 26'01	5°44'32	max. Earth dist.	6123 Jul 22 16:55	4° Ω 08'19	1.73075 AU
morning rise	6121 Feb 26 04:21	0° H 21'53			6123 Aug 12 16:27	0° M	
	6121 Feb 26 19:56	30° R		evening rise	6123 Aug 26 15:49	17° M 11'49	
direct	6121 Mar 14 00:17	25° \approx 26'01			6123 Sep 06 01:53	0° Ω	
greatest brilliancy	6121 Mar 23 18:50	27° \approx 14'05	-4.9m		6123 Sep 30 13:19	0° M	
	6121 Mar 30 00:08	0° H			6123 Oct 25 03:49	0° J	
morning max el	6121 May 03 09:04	28° H 04'33	46°51'39	desc. node	6123 Nov 04 22:15	13° J 03'57	
	6121 May 05 06:53	0° Y			6123 Nov 18 22:22	0° Ξ	
desc. node	6121 May 20 03:28	15° Y 38'35			6123 Dec 13 22:05	0° \approx	
	6121 Jun 02 02:54	0° B			6124 Jan 08 06:22	0° H	
	6121 Jun 28 05:07	0° II			6124 Feb 03 10:19	0° Y	
	6121 Jul 23 15:18	0° Ξ		evening max el	6124 Feb 24 17:36	22° Y 48'23	47°06'39
	6121 Aug 17 17:28	0° Ω		asc. node	6124 Feb 25 23:10	24° Y 03'00	
asc. node	6121 Sep 10 04:05	28° Ω 18'01			6124 Mar 03 00:36	0° B	
	6121 Sep 11 13:42	0° M		greatest brilliancy	6124 Apr 05 07:57	24° B 07'14	-4.9m
	6121 Oct 06 04:18	0° Ω		retrograde	6124 Apr 15 10:58	26° B 03'43	
	6121 Oct 30 13:48	0° M		evening set	6124 May 03 00:47	20° B 04'12	
morning set	6121 Oct 31 00:32	0° M 33'08		inferior conj	6124 May 06 06:14	18° B 05'21	8°17'25
	6121 Nov 23 19:24	0° J		minimum elong	6124 May 06 14:27	17° B 52'39	8°16'19
max. Earth dist.	6121 Dec 04 12:25	13° J 18'10	1.72383 AU	min. Earth dist.	6124 May 06 02:30	18° B 11'09	0.27445 AU
				morning rise	6124 May 10 04:18	15° B 42'29	
superior conj	6121 Dec 07 04:56	16° J 38'44	0°52'56	direct	6124 May 27 00:39	10° B 14'03	
minimum elong	6121 Dec 07 14:41	17° J 09'05	0°52'36	greatest brilliancy	6124 Jun 05 13:10	11° B 56'05	-4.8m
	6121 Dec 17 22:27	0° Ξ		desc. node	6124 Jun 16 15:08	17° B 23'28	
desc. node	6121 Dec 30 19:55	16° Ξ 04'12			6124 Jul 03 05:42	0° II	
	6122 Jan 10 23:44	0° \approx		morning max el	6124 Jul 15 14:02	11° II 25'12	46°07'27
evening rise	6122 Jan 15 08:18	5° \approx 26'29			6124 Aug 02 18:29	0° Ξ	
	6122 Feb 03 23:44	0° H			6124 Aug 30 00:13	0° Ω	
	6122 Feb 27 23:22	0° Y			6124 Sep 25 00:20	0° M	
	6122 Mar 24 00:48	0° B		asc. node	6124 Oct 07 16:04	14° M 56'05	
	6122 Apr 17 07:36	0° II			6124 Oct 20 06:55	0° Ω	
asc. node	6122 Apr 22 20:45	6° II 47'21			6124 Nov 14 01:05	0° M	
	6122 May 12 00:43	0° Ξ			6124 Dec 08 10:32	0° J	
	6122 Jun 06 11:49	0° Ω		morning set	6125 Jan 01 14:19	0° Ξ	
	6122 Jul 03 09:55	0° M			6125 Jan 09 17:32	10° Ξ 08'54	
evening max el	6122 Jul 19 16:35	16° M 38'22	45°43'00		6125 Jan 25 14:29	0° \approx	
	6122 Aug 03 10:23	0° Ω		desc. node	6125 Jan 27 07:46	2° \approx 09'20	
desc. node	6122 Aug 12 12:52	6° Ω 59'13		max. Earth dist.	6125 Feb 17 17:09	29° \approx 00'00	1.71249 AU
greatest brilliancy	6122 Aug 27 03:21	14° Ω 56'30	-4.7m		6125 Feb 18 12:15	0° H	
retrograde	6122 Sep 06 16:24	16° Ω 57'10					
evening set	6122 Sep 24 07:19	11° Ω 05'33		superior conj	6125 Feb 19 03:32	0° H 48'02	-0°51'46
inferior conj	6122 Sep 28 05:07	8° Ω 40'57	-8°15'39	minimum elong	6125 Feb 18 16:18	0° H 12'44	0°51'17
minimum elong	6122 Sep 27 23:42	8° Ω 49'26	8°15'11		6125 Mar 14 08:46	0° Y	
min. Earth dist.	6122 Sep 28 04:37	8° Ω 41'45	0.29166 AU	evening rise	6125 Mar 31 21:59	22° Y 03'40	
morning rise	6122 Oct 01 16:04	6° Ω 32'28			6125 Apr 07 05:45	0° B	
direct	6122 Oct 19 18:55	0° Ω 22'01			6125 May 01 05:26	0° II	
greatest brilliancy	6122 Oct 30 08:13	2° Ω 23'09	-4.7m	asc. node	6125 May 20 08:32	23° II 44'49	
asc. node	6122 Dec 03 13:41	26° Ω 49'11			6125 May 25 10:05	0° Ξ	
	6122 Dec 06 21:17	0° M			6125 Jun 18 21:55	0° Ω	
morning max el	6122 Dec 08 05:59	1° M 19'55	46°06'10		6125 Jul 13 19:59	0° M	
	6123 Jan 04 06:06	0° J			6125 Aug 08 10:03	0° Ω	
	6123 Jan 30 04:04	0° Ξ			6125 Sep 04 05:18	0° M	
	6123 Feb 24 02:07	0° \approx		desc. node	6125 Sep 09 00:39	5° M 08'55	
	6123 Mar 20 12:36	0° H		evening max el	6125 Sep 28 23:56	25° M 23'11	45°42'38
desc. node	6123 Mar 25 05:42	5° H 49'41			6125 Oct 03 22:15	0° J	
	6123 Apr 13 17:14	0° Y		greatest brilliancy	6125 Nov 07 09:29	23° J 32'16	-4.8m
	6123 May 07 19:32	0° B		retrograde	6125 Nov 16 16:35	25° J 06'15	
	6123 May 31 22:00	0° II		evening set	6125 Dec 02 18:48	20° J 10'44	
morning set	6123 Jun 12 18:43	14° II 44'03		inferior conj	6125 Dec 07 17:37	17° J 12'06	-5°25'13
	6123 Jun 25 02:11	0° Ξ		minimum elong	6125 Dec 08 03:31	16° J 56'45	5°22'47
asc. node	6123 Jul 16 06:13	26° Ξ 10'45		min. Earth dist.	6125 Dec 08 15:53	16° J 37'35	0.27874 AU
	6123 Jul 19 08:28	0° Ω		morning rise	6125 Dec 13 11:36	13° J 45'15	
				direct	6125 Dec 28 21:20	9° J 07'33	
superior conj	6123 Jul 20 20:46	1° Ω 52'03	0°11'05	asc. node	6125 Dec 31 01:29	9° J 13'09	
minimum elong	6123 Jul 20 18:19	1° Ω 44'31	0°10'56	greatest brilliancy	6126 Jan 09 00:22	11° J 25'45	-4.8m
behind sun begin	6123 Jul 20 01:06	0° Ω 51'21			6126 Feb 04 20:38	0° Ξ	
behind sun end	6123 Jul 21 11:33	2° Ω 37'42		morning max el	6126 Feb 17 08:53	12° Ξ 01'30	46°49'58

	6126 Mar 06 07:55	0°♊		desc. node	6128 Oct 06 12:21	25°♎07'49	
	6126 Apr 01 14:52	0°♋			6128 Oct 10 16:45	0°♌	
desc. node	6126 Apr 21 17:35	23°♋53'14			6128 Nov 05 23:52	0°♍	
	6126 Apr 26 19:35	0°♎			6128 Dec 03 21:45	0°♊	
	6126 May 21 13:03	0°♌		evening max el	6128 Dec 10 09:38	6°♊30'27	46°31'33
	6126 Jun 15 02:01	0°♍			6129 Jan 06 22:43	0°♋	
	6126 Jul 09 13:47	0°♎		greatest brilliancy	6129 Jan 19 13:35	6°♋36'33	-4.9m
asc. node	6126 Aug 03 01:14	0°♏		asc. node	6129 Jan 27 13:26	8°♋22'31	
morning set	6126 Aug 12 18:10	11°♏54'18		retrograde	6129 Jan 29 10:08	8°♋26'42	
	6126 Aug 21 10:07	22°♏32'27		evening set	6129 Feb 13 08:05	4°♋03'42	
	6126 Aug 27 11:53	0°♐		inferior conj	6129 Feb 19 00:44	0°♋42'47	5°27'49
	6126 Sep 20 21:07	0°♑		minimum elong	6129 Feb 18 14:16	0°♋58'45	5°25'05
max. Earth dist.	6126 Sep 25 19:26	6°♑04'26	1.73346 AU	min. Earth dist.	6129 Feb 18 18:14	0°♋52'42	0.26775 AU
					6129 Feb 20 04:46	30°♒	
superior conj	6126 Sep 27 01:34	7°♑37'15	1°21'50	morning rise	6129 Feb 23 20:22	27°♒50'31	
minimum elong	6126 Sep 26 20:23	7°♑21'19	1°21'45	direct	6129 Mar 11 13:08	22°♒58'50	
	6126 Oct 15 05:01	0°♓		greatest brilliancy	6129 Mar 21 08:44	24°♒48'21	-4.9m
evening rise	6126 Nov 02 12:51	22°♓37'16			6129 Mar 31 18:06	0°♋	
	6126 Nov 08 12:17	0°♌		morning max el	6129 Apr 30 23:15	25°♋42'14	46°52'37
desc. node	6126 Dec 02 10:01	29°♌30'34			6129 May 05 04:47	0°♎	
	6126 Dec 02 19:34	0°♍		desc. node	6129 May 19 05:28	14°♎54'45	
	6126 Dec 27 03:03	0°♊			6129 Jun 01 18:57	0°♌	
	6127 Jan 20 11:08	0°♋			6129 Jun 27 18:48	0°♍	
	6127 Feb 13 21:48	0°♎			6129 Jul 23 03:44	0°♎	
	6127 Mar 10 16:07	0°♌			6129 Aug 17 05:08	0°♏	
asc. node	6127 Mar 25 10:51	17°♌32'11		asc. node	6129 Sep 09 06:06	27°♏50'06	
	6127 Apr 05 04:39	0°♍			6129 Sep 11 00:54	0°♐	
	6127 May 02 12:39	0°♎			6129 Oct 05 15:12	0°♑	
evening max el	6127 May 07 16:44	5°♎15'28	46°33'02	morning set	6129 Oct 28 17:46	28°♑25'00	
	6127 Jun 05 20:57	0°♏			6129 Oct 30 00:33	0°♒	
greatest brilliancy	6127 Jun 15 17:54	5°♏06'32	-4.8m		6129 Nov 23 06:10	0°♌	
retrograde	6127 Jun 26 16:24	7°♏19'05		max. Earth dist.	6129 Dec 02 06:16	11°♌10'53	1.72428 AU
evening set	6127 Jul 11 15:56	2°♏56'21					
desc. node	6127 Jul 15 03:00	0°♏55'26		superior conj	6129 Dec 04 20:15	14°♌23'31	0°55'38
	6127 Jul 16 14:56	30°♒		minimum elong	6129 Dec 05 06:08	14°♌54'13	0°55'18
min. Earth dist.	6127 Jul 17 14:03	29°♒23'54	0.28351 AU		6129 Dec 17 09:18	0°♍	
inferior conj	6127 Jul 18 00:13	29°♒07'59	-0°42'15	desc. node	6129 Dec 29 22:00	15°♍36'37	
minimum elong	6127 Jul 17 22:38	29°♒10'27	0°41'48		6130 Jan 10 10:45	0°♊	
morning rise	6127 Jul 24 05:52	25°♒24'03		evening rise	6130 Jan 12 21:21	3°♊02'56	
direct	6127 Aug 08 06:23	21°♒03'07			6130 Feb 03 10:56	0°♋	
greatest brilliancy	6127 Aug 18 03:23	22°♒48'24	-4.7m		6130 Feb 27 10:45	0°♎	
	6127 Sep 01 00:33	0°♏			6130 Mar 23 12:26	0°♌	
morning max el	6127 Sep 25 21:28	20°♏39'26	45°41'35		6130 Apr 16 19:40	0°♍	
	6127 Oct 05 09:11	0°♐		asc. node	6130 Apr 21 22:40	6°♍16'00	
	6127 Nov 02 07:52	0°♑			6130 May 11 13:33	0°♎	
asc. node	6127 Nov 05 03:54	3°♑11'34			6130 Jun 06 02:08	0°♏	
	6127 Nov 28 08:09	0°♒			6130 Jul 03 03:44	0°♐	
	6127 Dec 23 09:01	0°♌		evening max el	6130 Jul 17 09:16	14°♐28'45	45°44'09
	6128 Jan 16 20:41	0°♍			6130 Aug 03 18:38	0°♑	
	6128 Feb 10 00:49	0°♊		desc. node	6130 Aug 11 15:00	5°♑47'31	
desc. node	6128 Feb 24 19:44	18°♊28'15		greatest brilliancy	6130 Aug 24 17:52	12°♑45'33	-4.7m
	6128 Mar 05 00:39	0°♋		retrograde	6130 Sep 04 09:04	14°♑47'48	
morning set	6128 Mar 26 18:08	27°♋16'11		evening set	6130 Sep 21 20:51	9°♑00'10	
	6128 Mar 28 22:18	0°♎		inferior conj	6130 Sep 25 21:25	6°♑31'17	-8°09'45
	6128 Apr 21 19:38	0°♌		minimum elong	6130 Sep 25 15:24	6°♑40'43	8°09'11
				min. Earth dist.	6130 Sep 25 19:24	6°♑34'26	0.29166 AU
superior conj	6128 May 06 07:11	18°♌09'16	-1°19'49	morning rise	6130 Sep 29 09:58	4°♑20'25	
minimum elong	6128 May 06 15:45	18°♌36'06	1°19'40		6130 Oct 08 00:29	30°♒	
max. Earth dist.	6128 May 09 18:37	22°♌30'17	1.71679 AU	direct	6130 Oct 17 11:48	28°♒12'41	
	6128 May 15 18:30	0°♍			6130 Oct 27 09:14	0°♑	
	6128 Jun 08 20:27	0°♎		greatest brilliancy	6130 Oct 27 22:48	0°♑12'02	-4.7m
evening rise	6128 Jun 14 23:33	7°♒36'11		asc. node	6130 Dec 02 15:43	25°♑58'13	
asc. node	6128 Jun 16 20:24	9°♒55'08		morning max el	6130 Dec 05 22:02	29°♑07'57	46°04'37
	6128 Jul 03 02:20	0°♏			6130 Dec 06 19:10	0°♒	
	6128 Jul 27 12:46	0°♐			6131 Jan 03 21:46	0°♌	
	6128 Aug 21 04:48	0°♑			6131 Jan 29 17:37	0°♍	
	6128 Sep 15 04:48	0°♒			6131 Feb 23 14:42	0°♊	

	6131 Mar 20 00:36	0° H		evening max el	6133 Sep 26 13:23	23° M 05'20	45°41'37
desc. node	6131 Mar 24 07:37	5° H 18'43			6133 Oct 04 00:33	0° A	
	6131 Apr 13 04:52	0° Y		greatest brilliancy	6133 Nov 04 23:59	21° A 15'55	-4.8m
	6131 May 07 06:52	0° B		retrograde	6133 Nov 14 06:03	22° A 49'24	
	6131 May 31 09:08	0° II		evening set	6133 Nov 30 12:05	17° A 49'12	
morning set	6131 Jun 10 09:16	12° II 25'55		inferior conj	6133 Dec 05 08:10	14° A 54'32	-5°41'50
	6131 Jun 24 13:10	0° E		minimum elong	6133 Dec 05 18:14	14° A 38'54	5°39'26
asc. node	6131 Jul 15 08:17	25° E 43'25		min. Earth dist.	6133 Dec 06 07:04	14° A 19'01	0.27937 AU
				morning rise	6133 Dec 10 23:43	11° A 30'46	
superior conj	6131 Jul 18 12:48	29° E 39'43	0°07'42	direct	6133 Dec 26 11:50	6° A 48'55	
minimum elong	6131 Jul 18 11:06	29° E 34'27	0°07'35	asc. node	6133 Dec 30 03:32	7° A 04'35	
behind sun begin	6131 Jul 17 14:16	28° E 30'06		greatest brilliancy	6134 Jan 06 16:30	9° A 08'08	-4.8m
behind sun end	6131 Jul 19 07:56	0° O 38'48			6134 Feb 05 00:35	0° Z	
	6131 Jul 18 19:22	0° O		morning max el	6134 Feb 14 22:32	9° Z 38'14	46°48'58
max. Earth dist.	6131 Jul 20 14:00	2° O 11'36	1.73043 AU		6134 Mar 06 01:32	0° \approx	
	6131 Aug 12 03:21	0° M			6134 Apr 01 05:23	0° H	
evening rise	6131 Aug 24 09:44	15° M 05'46		desc. node	6134 Apr 20 19:34	23° H 19'07	
	6131 Sep 05 12:52	0° A			6134 Apr 26 08:41	0° Y	
	6131 Sep 30 00:30	0° M			6134 May 21 01:21	0° B	
	6131 Oct 24 15:21	0° A			6134 Jun 14 13:48	0° II	
desc. node	6131 Nov 04 00:13	12° A 34'25			6134 Jul 09 01:10	0° E	
	6131 Nov 18 10:29	0° Z			6134 Aug 02 12:19	0° O	
	6131 Dec 13 11:06	0° \approx		asc. node	6134 Aug 11 20:09	11° O 26'32	
	6132 Jan 07 20:53	0° H		morning set	6134 Aug 19 03:08	20° O 23'41	
	6132 Feb 03 03:52	0° Y			6134 Aug 26 22:47	0° M	
evening max el	6132 Feb 22 08:22	20° Y 26'28	47°06'25		6134 Sep 20 07:58	0° A	
asc. node	6132 Feb 25 01:07	23° Y 09'00		max. Earth dist.	6134 Sep 23 13:57	4° A 00'14	1.73361 AU
	6132 Mar 03 03:26	0° B					
greatest brilliancy	6132 Apr 02 22:17	21° B 43'31	-4.9m	superior conj	6134 Sep 24 19:22	5° A 30'51	1°20'49
retrograde	6132 Apr 13 00:47	23° B 39'11		minimum elong	6134 Sep 24 13:38	5° A 13'11	1°20'44
evening set	6132 Apr 30 17:17	17° B 35'58			6134 Oct 14 15:54	0° M	
inferior conj	6132 May 03 19:43	15° B 41'30	8°26'43	evening rise	6134 Oct 31 05:28	20° M 26'34	
minimum elong	6132 May 04 03:17	15° B 29'45	8°25'48		6134 Nov 07 23:19	0° A	
min. Earth dist.	6132 May 03 15:32	15° B 47'59	0.27418 AU	desc. node	6134 Dec 01 12:07	29° A 02'22	
morning rise	6132 May 07 13:29	13° B 24'45			6134 Dec 02 06:49	0° Z	
direct	6132 May 24 14:08	7° B 50'54			6134 Dec 26 14:36	0° \approx	
greatest brilliancy	6132 Jun 03 01:25	9° B 31'53	-4.8m		6135 Jan 19 23:06	0° H	
desc. node	6132 Jun 15 17:12	15° B 59'35			6135 Feb 13 10:21	0° Y	
	6132 Jul 03 11:13	0° II			6135 Mar 10 05:39	0° B	
morning max el	6132 Jul 13 03:40	9° II 04'59	46°08'54	asc. node	6135 Mar 24 12:47	16° B 55'31	
	6132 Aug 02 12:21	0° E			6135 Apr 04 20:08	0° II	
	6132 Aug 29 14:36	0° O			6135 May 02 09:16	0° E	
	6132 Sep 24 13:05	0° M		evening max el	6135 May 05 06:43	2° E 55'23	46°34'49
asc. node	6132 Oct 06 17:56	14° M 25'08			6135 Jun 07 07:39	0° O	
	6132 Oct 19 18:49	0° A		greatest brilliancy	6135 Jun 13 10:12	2° O 52'34	-4.8m
	6132 Nov 13 12:30	0° M		retrograde	6135 Jun 24 08:04	5° O 05'08	
	6132 Dec 07 21:43	0° A		evening set	6135 Jul 09 07:55	0° O 41'31	
	6133 Jan 01 01:23	0° Z			6135 Jul 10 13:31	30° R E	
morning set	6133 Jan 07 07:02	7° Z 46'44		desc. node	6135 Jul 14 05:04	27° E 48'19	
	6133 Jan 25 01:32	0° \approx		inferior conj	6135 Jul 15 15:41	26° E 54'21	-0°21'11
desc. node	6133 Jan 26 09:50	1° \approx 41'10		minimum elong	6135 Jul 15 14:53	26° E 55'36	0°20'58
max. Earth dist.	6133 Feb 14 21:36	26° \approx 08'28	1.71274 AU	min. Earth dist.	6135 Jul 15 06:10	27° E 09'12	0.28316 AU
				morning rise	6135 Jul 21 22:18	23° E 09'16	
superior conj	6133 Feb 16 14:41	28° \approx 17'30	-0°48'33	direct	6135 Aug 05 20:53	18° E 49'45	
minimum elong	6133 Feb 16 03:52	27° \approx 43'31	0°48'05	greatest brilliancy	6135 Aug 15 19:03	20° E 36'02	-4.7m
	6133 Feb 17 23:19	0° H			6135 Sep 01 20:16	0° O	
	6133 Mar 13 19:54	0° Y		morning max el	6135 Sep 23 12:49	18° O 27'21	45°41'44
evening rise	6133 Mar 29 08:30	19° Y 30'49			6135 Oct 05 04:27	0° M	
	6133 Apr 06 16:58	0° B			6135 Nov 01 22:35	0° A	
	6133 Apr 30 16:46	0° II		asc. node	6135 Nov 04 06:00	2° A 36'34	
asc. node	6133 May 19 10:34	23° II 15'43			6135 Nov 27 21:05	0° M	
	6133 May 24 21:35	0° E			6135 Dec 22 21:05	0° A	
	6133 Jun 18 09:46	0° O			6136 Jan 16 08:17	0° Z	
	6133 Jul 13 08:30	0° M			6136 Feb 09 12:10	0° \approx	
	6133 Aug 07 23:53	0° A		desc. node	6136 Feb 23 21:38	17° \approx 59'00	
	6133 Sep 03 22:07	0° M			6136 Mar 04 11:50	0° H	
desc. node	6133 Sep 08 02:33	4° M 27'23		morning set	6136 Mar 24 04:30	24° H 43'13	

	6136 Mar 28 09:21	0°♄	inferior conj	6138 Sep 23 13:49	4°♌22'28	-8°03'07
	6136 Apr 21 06:34	0°♄	minimum elong	6138 Sep 23 07:13	4°♌32'50	8°02'27
superior conj	6136 May 03 19:30	15°♌43'28 -1°21'17	min. Earth dist.	6138 Sep 23 10:30	4°♌27'41	0.29167 AU
minimum elong	6136 May 04 03:26	16°♌08'16 1°21'11	morning rise	6138 Sep 27 04:07	2°♌08'50	
max. Earth dist.	6136 May 07 03:19	19°♌53'17 1.71636 AU		6138 Sep 30 23:04	30°♌00'00	
	6136 May 15 05:23	0°♌	direct	6138 Oct 15 04:48	26°♌04'15	
	6136 Jun 08 07:19	0°♌	greatest brilliancy	6138 Oct 25 13:37	28°♌01'41	-4.7m
evening rise	6136 Jun 12 13:53	5°♌18'07		6138 Oct 30 04:45	0°♌	
asc. node	6136 Jun 15 22:28	9°♌27'48	asc. node	6138 Dec 01 17:45	25°♌08'31	
	6136 Jul 02 13:18	0°♌	morning max el	6138 Dec 03 13:17	26°♌54'28	46°03'02
	6136 Jul 26 23:55	0°♌		6138 Dec 06 16:07	0°♌	
	6136 Aug 20 16:20	0°♌		6139 Jan 03 13:04	0°♌	
	6136 Sep 14 17:00	0°♌		6139 Jan 29 06:54	0°♌	
desc. node	6136 Oct 05 14:21	24°♌35'23		6139 Feb 23 03:00	0°♌	
	6136 Oct 10 06:09	0°♌	desc. node	6139 Mar 19 12:20	0°♌	
	6136 Nov 05 15:35	0°♌		6139 Mar 23 09:34	4°♌48'38	
	6136 Dec 03 19:12	0°♌		6139 Apr 12 16:13	0°♌	
evening max el	6136 Dec 07 23:50	4°♌10'03 46°29'42		6139 May 06 17:57	0°♌	
	6137 Jan 08 08:49	0°♌	morning set	6139 May 30 19:59	0°♌	
greatest brilliancy	6137 Jan 17 01:39	4°♌08'46 -4.9m		6139 Jun 07 23:59	10°♌09'07	
retrograde	6137 Jan 26 23:10	5°♌59'25	asc. node	6139 Jun 23 23:51	0°♌	
asc. node	6137 Jan 26 15:23	5°♌59'17		6139 Jul 14 10:13	25°♌16'48	
evening set	6137 Feb 10 17:55	1°♌39'59	superior conj	6139 Jul 16 05:09	27°♌29'22	0°04'21
	6137 Feb 13 16:02	30°♌00'00	minimum elong	6139 Jul 16 04:11	27°♌26'22	0°04'15
inferior conj	6137 Feb 16 13:10	28°♌15'30 5°07'44	behind sun begin	6139 Jul 15 05:23	26°♌15'58	
minimum elong	6137 Feb 16 03:03	28°♌30'56 5°05'01	behind sun end	6139 Jul 17 02:58	28°♌36'46	
min. Earth dist.	6137 Feb 16 07:09	28°♌24'41 0.26772 AU		6139 Jul 18 05:56	0°♌	
morning rise	6137 Feb 21 12:10	25°♌18'51	max. Earth dist.	6139 Jul 18 11:29	0°♌17'10	1.73003 AU
direct	6137 Mar 09 02:21	20°♌31'28		6139 Aug 11 13:52	0°♌	
greatest brilliancy	6137 Mar 18 22:01	22°♌21'38 -4.9m	evening rise	6139 Aug 22 03:56	13°♌01'40	
	6137 Apr 01 23:11	0°♌		6139 Sep 04 23:28	0°♌	
morning max el	6137 Apr 28 13:36	23°♌20'31 46°53'42		6139 Sep 29 11:21	0°♌	
	6137 May 05 01:48	0°♌		6139 Oct 24 02:38	0°♌	
desc. node	6137 May 18 07:32	14°♌11'53	desc. node	6139 Nov 03 02:17	12°♌05'53	
	6137 Jun 01 10:35	0°♌		6139 Nov 17 22:24	0°♌	
	6137 Jun 27 08:14	0°♌		6139 Dec 12 23:58	0°♌	
	6137 Jul 22 16:00	0°♌		6140 Jan 07 11:18	0°♌	
	6137 Aug 16 16:42	0°♌		6140 Feb 02 21:31	0°♌	
asc. node	6137 Sep 08 08:00	27°♌21'59	evening max el	6140 Feb 19 22:01	18°♌02'30	47°06'10
	6137 Sep 10 12:02	0°♌	asc. node	6140 Feb 24 03:03	22°♌14'46	
	6137 Oct 05 02:05	0°♌		6140 Mar 03 07:33	0°♌	
morning set	6137 Oct 26 10:48	26°♌16'18	greatest brilliancy	6140 Mar 31 13:02	19°♌21'04	-4.9m
	6137 Oct 29 11:19	0°♌	retrograde	6140 Apr 10 14:02	21°♌15'27	
	6137 Nov 22 16:53	0°♌	evening set	6140 Apr 28 09:34	15°♌08'53	
max. Earth dist.	6137 Nov 29 22:21	8°♌58'21 1.72470 AU	inferior conj	6140 May 01 09:10	13°♌18'35	8°35'10
			minimum elong	6140 May 01 16:02	13°♌07'55	8°34'26
superior conj	6137 Dec 02 11:26	12°♌08'03 0°58'15	min. Earth dist.	6140 May 01 04:51	13°♌25'18	0.27389 AU
minimum elong	6137 Dec 02 21:21	12°♌38'52 0°57'55	morning rise	6140 May 04 22:40	11°♌07'56	
	6137 Dec 16 20:07	0°♌	direct	6140 May 22 03:06	5°♌28'32	
desc. node	6137 Dec 28 23:59	15°♌08'56	greatest brilliancy	6140 May 31 14:16	7°♌09'07	-4.8m
	6138 Jan 09 21:42	0°♌	desc. node	6140 Jun 14 19:12	14°♌39'14	
evening rise	6138 Jan 10 10:15	0°♌39'10		6140 Jul 03 14:24	0°♌	
	6138 Feb 02 22:03	0°♌	morning max el	6140 Jul 10 16:34	6°♌43'51	46°10'35
	6138 Feb 26 22:04	0°♌		6140 Aug 02 05:20	0°♌	
	6138 Mar 23 00:00	0°♌		6140 Aug 29 04:20	0°♌	
	6138 Apr 16 07:38	0°♌		6140 Sep 24 01:17	0°♌	
asc. node	6138 Apr 21 00:44	5°♌45'32	asc. node	6140 Oct 05 20:04	13°♌56'28	
	6138 May 11 02:14	0°♌		6140 Oct 19 06:12	0°♌	
	6138 Jun 05 16:19	0°♌		6140 Nov 12 23:30	0°♌	
	6138 Jul 02 21:36	0°♌		6140 Dec 07 08:32	0°♌	
evening max el	6138 Jul 15 01:51	12°♌19'44 45°45'13		6140 Dec 31 12:09	0°♌	
	6138 Aug 04 05:21	0°♌	morning set	6141 Jan 04 20:25	5°♌25'09	
desc. node	6138 Aug 10 16:50	4°♌34'06		6141 Jan 24 12:17	0°♌	
greatest brilliancy	6138 Aug 22 08:58	10°♌36'06 -4.7m	desc. node	6141 Jan 25 11:45	1°♌13'30	
retrograde	6138 Sep 02 01:22	12°♌39'12	max. Earth dist.	6141 Feb 12 02:22	23°♌18'59	1.71299 AU
evening set	6138 Sep 19 10:21	6°♌55'58				

superior conj	6141 Feb 14 01:36	25° \approx 47'16	-0°45'12	min. Earth dist.	6143 Jul 12 21:54	24° \approx 55'36	0.28278 AU
minimum elong	6141 Feb 13 15:17	25° \approx 14'53	0°44'45	desc. node	6143 Jul 13 06:59	24° \approx 41'26	
	6141 Feb 17 10:05	0° \mathbb{H}		morning rise	6143 Jul 19 14:33	20° \approx 55'29	
	6141 Mar 13 06:42	0° Υ		direct	6143 Aug 03 11:47	16° \approx 37'03	
evening rise	6141 Mar 26 18:51	16° Υ 58'33		greatest brilliancy	6143 Aug 13 10:10	18° \approx 23'58	-4.7m
	6141 Apr 06 03:50	0° \mathcal{B}			6143 Sep 02 10:27	0° Ω	
	6141 Apr 30 03:44	0° Π		morning max el	6143 Sep 21 04:57	16° Ω 18'14	45°42'01
asc. node	6141 May 18 12:37	22° Π 47'47			6143 Oct 04 22:46	0° \mathbb{H}	
	6141 May 24 08:44	0° \approx			6143 Nov 01 12:43	0° $\underline{\mathcal{B}}$	
	6141 Jun 17 21:16	0° Ω		asc. node	6143 Nov 03 07:58	2° $\underline{\mathcal{B}}$ 02'37	
	6141 Jul 12 20:39	0° \mathbb{H}			6143 Nov 27 09:31	0° \mathbb{H}	
	6141 Aug 07 13:22	0° $\underline{\mathcal{B}}$			6143 Dec 22 08:42	0° \mathcal{A}	
	6141 Sep 03 14:39	0° \mathbb{H}			6144 Jan 15 19:30	0° \mathcal{B}	
desc. node	6141 Sep 07 04:36	3° \mathbb{H} 47'23			6144 Feb 08 23:10	0° \approx	
evening max el	6141 Sep 24 02:40	20° \mathbb{H} 48'56	45°40'45	desc. node	6144 Feb 22 23:40	17° \approx 31'04	
	6141 Oct 04 03:38	0° \mathcal{A}			6144 Mar 03 22:45	0° \mathbb{H}	
greatest brilliancy	6141 Nov 02 13:58	19° \mathcal{A} 01'04	-4.8m	morning set	6144 Mar 21 14:35	22° \mathbb{H} 09'58	
retrograde	6141 Nov 11 20:01	20° \mathcal{A} 34'53			6144 Mar 27 20:12	0° Υ	
evening set	6141 Nov 28 05:30	15° \mathcal{A} 29'35			6144 Apr 20 17:22	0° \mathcal{B}	
inferior conj	6141 Dec 02 22:53	12° \mathcal{A} 38'55	-5°57'33				
minimum elong	6141 Dec 03 09:04	12° \mathcal{A} 23'09	5°55'14	superior conj	6144 May 01 07:12	13° \mathcal{B} 15'59	-1°22'38
min. Earth dist.	6141 Dec 03 22:08	12° \mathcal{A} 02'54	0.28008 AU	minimum elong	6144 May 01 14:23	13° \mathcal{B} 38'30	1°22'32
morning rise	6141 Dec 08 11:56	9° \mathcal{A} 18'38		max. Earth dist.	6144 May 04 12:45	17° \mathcal{B} 18'55	1.71595 AU
direct	6141 Dec 24 02:44	4° \mathcal{A} 32'02			6144 May 14 16:07	0° Π	
asc. node	6141 Dec 29 05:29	5° \mathcal{A} 02'27			6144 Jun 07 18:02	0° \approx	
greatest brilliancy	6142 Jan 04 08:54	6° \mathcal{A} 52'33	-4.8m	evening rise	6144 Jun 10 03:37	2° \approx 58'40	
	6142 Feb 05 02:32	0° \mathcal{B}		asc. node	6144 Jun 15 00:21	9° \approx 00'27	
morning max el	6142 Feb 12 13:09	7° \mathcal{B} 18'24	46°47'48		6144 Jul 02 00:05	0° Ω	
	6142 Mar 05 18:29	0° \approx			6144 Jul 26 10:53	0° \mathbb{H}	
	6142 Mar 31 19:29	0° \mathbb{H}			6144 Aug 20 03:40	0° $\underline{\mathcal{B}}$	
desc. node	6142 Apr 19 21:42	22° \mathbb{H} 46'27			6144 Sep 14 05:00	0° \mathbb{H}	
	6142 Apr 25 21:25	0° Υ		desc. node	6144 Oct 04 16:26	24° \mathbb{H} 03'50	
	6142 May 20 13:16	0° \mathcal{B}			6144 Oct 09 19:22	0° \mathcal{A}	
	6142 Jun 14 01:10	0° Π			6144 Nov 05 07:14	0° \mathcal{B}	
	6142 Jul 08 12:08	0° \approx			6144 Dec 03 16:59	0° \approx	
	6142 Aug 01 23:00	0° Ω		evening max el	6144 Dec 05 14:38	1° \approx 52'26	46°27'51
asc. node	6142 Aug 10 22:04	10° Ω 59'52			6145 Jan 10 10:48	0° \mathbb{H}	
morning set	6142 Aug 16 20:19	18° Ω 16'36		greatest brilliancy	6145 Jan 14 14:01	1° \mathbb{H} 43'02	-4.9m
	6142 Aug 26 09:18	0° \mathbb{H}		retrograde	6145 Jan 24 12:13	3° \mathbb{H} 33'39	
	6142 Sep 19 18:24	0° $\underline{\mathcal{B}}$		asc. node	6145 Jan 25 17:19	3° \mathbb{H} 31'51	
max. Earth dist.	6142 Sep 21 10:13	2° $\underline{\mathcal{B}}$ 02'40	1.73372 AU		6145 Feb 06 20:03	30° \mathbb{H}	
				evening set	6145 Feb 08 04:17	29° \approx 17'43	
superior conj	6142 Sep 22 13:31	3° $\underline{\mathcal{B}}$ 26'46	1°19'43	inferior conj	6145 Feb 14 01:48	25° \approx 49'47	4°47'14
minimum elong	6142 Sep 22 07:16	3° $\underline{\mathcal{B}}$ 07'31	1°19'37	minimum elong	6145 Feb 13 16:08	26° \approx 04'33	4°44'34
	6142 Oct 14 02:22	0° \mathbb{H}		min. Earth dist.	6145 Feb 13 20:18	25° \approx 58'10	0.26775 AU
evening rise	6142 Oct 28 22:37	18° \mathbb{H} 18'57		morning rise	6145 Feb 19 04:01	22° \approx 48'41	
	6142 Nov 07 09:55	0° \mathcal{A}		direct	6145 Mar 06 15:54	18° \approx 05'46	
desc. node	6142 Nov 30 14:08	28° \mathcal{A} 35'09		greatest brilliancy	6145 Mar 16 11:27	19° \approx 56'04	-4.9m
	6142 Dec 01 17:39	0° \mathcal{B}			6145 Apr 02 19:56	0° \mathbb{H}	
	6142 Dec 26 01:48	0° \approx		morning max el	6145 Apr 26 03:28	20° \mathbb{H} 57'51	46°54'23
	6143 Jan 19 10:47	0° \mathbb{H}			6145 May 04 22:01	0° Υ	
	6143 Feb 12 22:43	0° Υ		desc. node	6145 May 17 09:30	13° Υ 29'22	
	6143 Mar 09 19:04	0° \mathcal{B}			6145 Jun 01 01:59	0° \mathcal{B}	
asc. node	6143 Mar 23 14:52	16° \mathcal{B} 19'41			6145 Jun 26 21:34	0° Π	
	6143 Apr 04 11:37	0° Π			6145 Jul 22 04:10	0° \approx	
	6143 May 02 06:19	0° \approx			6145 Aug 16 04:10	0° Ω	
evening max el	6143 May 02 21:16	0° \approx 37'29	46°36'48	asc. node	6145 Sep 07 10:05	26° Ω 54'47	
	6143 Jun 09 12:07	0° Ω			6145 Sep 09 23:03	0° \mathbb{H}	
greatest brilliancy	6143 Jun 11 02:02	0° Ω 38'49	-4.8m		6145 Oct 04 12:50	0° $\underline{\mathcal{B}}$	
retrograde	6143 Jun 22 00:12	2° Ω 51'54		morning set	6145 Oct 24 03:55	24° $\underline{\mathcal{B}}$ 08'20	
	6143 Jul 03 22:57	30° \mathbb{H}			6145 Oct 28 21:56	0° \mathbb{H}	
evening set	6143 Jul 07 00:04	28° \approx 27'08			6145 Nov 22 03:30	0° \mathcal{A}	
inferior conj	6143 Jul 13 07:04	24° \approx 41'19	-0°00'03	max. Earth dist.	6145 Nov 27 12:51	6° \mathcal{A} 41'18	1.72508 AU
minimum elong	6143 Jul 13 07:04	24° \approx 41'19	0°00'04				
transit middle	6143 Jul 13 07:04	24° \approx 41'19	0°00'04	superior conj	6145 Nov 30 03:04	9° \mathcal{A} 54'31	1°00'44
transit begin	6143 Jul 13 03:00	24° \approx 47'39		minimum elong	6145 Nov 30 12:59	10° \mathcal{A} 25'18	1°00'25
transit end	6143 Jul 13 11:07	24° \approx 35'00			6145 Dec 16 06:48	0° \mathcal{B}	

desc. node	6145 Dec 28 01:55	14° ♁ 41'31		greatest brilliancy	6148 May 29 03:37	4° ♁ 47'07	-4.8m
evening rise	6146 Jan 07 23:40	28° ♁ 17'31		desc. node	6148 Jun 13 21:10	13° ♁ 21'21	
	6146 Jan 09 08:31	0° ♁			6148 Jul 03 16:11	0° ♁	
	6146 Feb 02 09:00	0° ♁		morning max el	6148 Jul 08 05:37	4° ♁ 22'32	46°12'05
	6146 Feb 26 09:13	0° ♁			6148 Aug 01 22:11	0° ♁	
	6146 Mar 22 11:28	0° ♁			6148 Aug 28 18:13	0° ♁	
	6146 Apr 15 19:36	0° ♁			6148 Sep 23 13:45	0° ♁	
asc. node	6146 Apr 20 02:44	5° ♁ 14'48		asc. node	6148 Oct 04 22:02	13° ♁ 26'25	
	6146 May 10 15:03	0° ♁			6148 Oct 18 17:53	0° ♁	
	6146 Jun 05 06:46	0° ♁			6148 Nov 12 10:46	0° ♁	
	6146 Jul 02 16:06	0° ♁			6148 Dec 06 19:36	0° ♁	
evening max el	6146 Jul 12 17:38	10° ♁ 08'07	45°46'21		6148 Dec 30 23:09	0° ♁	
	6146 Aug 04 20:10	0° ♁		morning set	6149 Jan 02 09:54	3° ♁ 03'11	
desc. node	6146 Aug 09 18:55	3° ♁ 18'14			6149 Jan 23 23:16	0° ♁	
greatest brilliancy	6146 Aug 20 00:43	8° ♁ 26'46	-4.7m	desc. node	6149 Jan 24 13:47	0° ♁ 45'29	
retrograde	6146 Aug 30 17:16	10° ♁ 30'00		max. Earth dist.	6149 Feb 09 10:11	20° ♁ 38'17	1.71327 AU
evening set	6146 Sep 16 23:41	4° ♁ 51'25					
inferior conj	6146 Sep 21 06:07	2° ♁ 13'15	-7°55'57	superior conj	6149 Feb 11 12:38	23° ♁ 16'38	-0°41'48
minimum elong	6146 Sep 20 22:58	2° ♁ 24'31	7°55'08	minimum elong	6149 Feb 11 02:53	22° ♁ 46'02	0°41'20
min. Earth dist.	6146 Sep 21 01:51	2° ♁ 19'58	0.29161 AU		6149 Feb 16 21:05	0° ♁	
morning rise	6146 Sep 24 22:18	29° ♁ 56'35			6149 Mar 12 17:45	0° ♁	
	6146 Sep 24 20:02	30° ♁		evening rise	6149 Mar 24 05:28	14° ♁ 26'25	
direct	6146 Oct 12 21:10	23° ♁ 55'26			6149 Apr 05 14:56	0° ♁	
greatest brilliancy	6146 Oct 23 04:39	25° ♁ 51'16	-4.7m		6149 Apr 29 14:55	0° ♁	
	6146 Oct 31 21:44	0° ♁		asc. node	6149 May 17 14:31	22° ♁ 18'48	
asc. node	6146 Nov 30 19:42	24° ♁ 19'18			6149 May 23 20:06	0° ♁	
morning max el	6146 Dec 01 03:37	24° ♁ 38'41	46°01'35		6149 Jun 17 09:00	0° ♁	
	6146 Dec 06 12:24	0° ♁			6149 Jul 12 09:08	0° ♁	
	6147 Jan 03 04:08	0° ♁			6149 Aug 07 03:21	0° ♁	
	6147 Jan 28 20:04	0° ♁			6149 Sep 03 08:01	0° ♁	
	6147 Feb 22 15:13	0° ♁		desc. node	6149 Sep 06 06:41	3° ♁ 05'38	
	6147 Mar 19 00:00	0° ♁		evening max el	6149 Sep 21 16:36	18° ♁ 32'55	45°39'55
desc. node	6147 Mar 22 11:42	4° ♁ 19'14			6149 Oct 04 09:13	0° ♁	
	6147 Apr 12 03:32	0° ♁		greatest brilliancy	6149 Oct 31 03:21	16° ♁ 44'16	-4.8m
	6147 May 06 05:01	0° ♁		retrograde	6149 Nov 09 10:28	18° ♁ 19'01	
	6147 May 30 06:54	0° ♁		evening set	6149 Nov 25 22:52	13° ♁ 08'33	
morning set	6147 Jun 05 14:25	7° ♁ 51'05		inferior conj	6149 Nov 30 13:30	10° ♁ 21'53	-6°12'43
	6147 Jun 23 10:40	0° ♁		minimum elong	6149 Nov 30 23:43	10° ♁ 06'04	6°10'30
				min. Earth dist.	6149 Dec 01 12:42	9° ♁ 45'58	0.28077 AU
superior conj	6147 Jul 13 21:01	25° ♁ 17'00	0°00'54	morning rise	6149 Dec 05 23:55	7° ♁ 05'31	
minimum elong	6147 Jul 13 20:50	25° ♁ 16'26	0°00'51	direct	6149 Dec 21 17:57	2° ♁ 13'54	
behind sun begin	6147 Jul 12 21:24	24° ♁ 04'01		asc. node	6149 Dec 28 07:29	3° ♁ 03'38	
behind sun end	6147 Jul 14 20:17	26° ♁ 28'50		greatest brilliancy	6150 Jan 02 00:34	4° ♁ 35'08	-4.8m
asc. node	6147 Jul 13 12:13	24° ♁ 49'45			6150 Feb 05 03:34	0° ♁	
max. Earth dist.	6147 Jul 16 06:24	28° ♁ 14'12	1.72966 AU	morning max el	6150 Feb 10 04:36	4° ♁ 59'50	46°46'37
	6147 Jul 17 16:40	0° ♁			6150 Mar 05 11:26	0° ♁	
	6147 Aug 11 00:35	0° ♁			6150 Mar 31 09:46	0° ♁	
evening rise	6147 Aug 19 21:36	10° ♁ 55'17		desc. node	6150 Apr 18 23:34	22° ♁ 12'14	
	6147 Sep 04 10:17	0° ♁			6150 Apr 25 10:22	0° ♁	
	6147 Sep 28 22:25	0° ♁			6150 May 20 01:25	0° ♁	
	6147 Oct 23 14:08	0° ♁			6150 Jun 13 12:46	0° ♁	
desc. node	6147 Nov 02 04:15	11° ♁ 36'29			6150 Jul 07 23:20	0° ♁	
	6147 Nov 17 10:32	0° ♁			6150 Aug 01 09:57	0° ♁	
	6147 Dec 12 13:04	0° ♁		asc. node	6150 Aug 10 00:10	10° ♁ 32'49	
	6148 Jan 07 02:03	0° ♁		morning set	6150 Aug 14 13:37	16° ♁ 08'55	
	6148 Feb 02 15:41	0° ♁			6150 Aug 25 20:07	0° ♁	
evening max el	6148 Feb 17 10:55	15° ♁ 36'27	47°06'00		6150 Sep 19 05:12	0° ♁	
asc. node	6148 Feb 23 05:13	21° ♁ 19'46		max. Earth dist.	6150 Sep 19 07:45	0° ♁ 07'52	1.73388 AU
	6148 Mar 03 13:40	0° ♁					
greatest brilliancy	6148 Mar 29 03:58	16° ♁ 58'56	-4.9m	superior conj	6150 Sep 20 07:33	1° ♁ 21'11	1°18'30
retrograde	6148 Apr 08 03:22	18° ♁ 52'17		minimum elong	6150 Sep 20 00:49	1° ♁ 00'26	1°18'22
evening set	6148 Apr 26 01:46	12° ♁ 42'30			6150 Oct 13 13:14	0° ♁	
inferior conj	6148 Apr 28 22:50	10° ♁ 56'05	8°42'40	evening rise	6150 Oct 26 15:36	16° ♁ 09'35	
minimum elong	6148 Apr 29 04:57	10° ♁ 46'36	8°42'04		6150 Nov 06 20:56	0° ♁	
min. Earth dist.	6148 Apr 28 18:25	11° ♁ 02'57	0.27362 AU	desc. node	6150 Nov 29 16:02	28° ♁ 06'23	
morning rise	6148 May 02 08:16	8° ♁ 51'24			6150 Dec 01 04:55	0° ♁	
direct	6148 May 19 15:50	3° ♁ 06'22			6150 Dec 25 13:25	0° ♁	

	6151 Jan 18 22:53	0°♄		6153 Jun 26 11:02	0°♄	
	6151 Feb 12 11:30	0°♅		6153 Jul 21 16:33	0°♄	
	6151 Mar 09 08:58	0°♅		6153 Aug 15 15:52	0°♄	
asc. node	6151 Mar 22 16:50	15°♄42'06		asc. node	6153 Sep 06 12:04	26°♄26'35
	6151 Apr 04 03:44	0°♄		6153 Sep 09 10:17	0°♄	
evening max el	6151 Apr 30 12:52	28°♄21'06 46°38'48		6153 Oct 03 23:48	0°♄	
	6151 May 02 04:36	0°♄		6153 Oct 21 21:18	22°♄00'29	
greatest brilliancy	6151 Jun 08 17:50	28°♄24'10 -4.8m		6153 Oct 28 08:47	0°♄	
	6151 Jun 14 00:05	0°♄		6153 Nov 21 14:22	0°♄	
retrograde	6151 Jun 19 16:37	0°♄37'39		max. Earth dist.	6153 Nov 25 03:24	4°♄23'46 1.72554 AU
	6151 Jun 25 05:37	30°♄				
evening set	6151 Jul 04 16:28	26°♄11'48		superior conj	6153 Nov 27 18:57	7°♄40'59 1°03'06
inferior conj	6151 Jul 10 22:28	22°♄27'19 0°21'11		minimum elong	6153 Nov 28 04:48	8°♄11'32 1°02'48
minimum elong	6151 Jul 10 23:16	22°♄26'05 0°20'55			6153 Dec 15 17:47	0°♄
min. Earth dist.	6151 Jul 10 13:22	22°♄41'29 0.28238 AU		desc. node	6153 Dec 27 04:02	14°♄13'44
desc. node	6151 Jul 12 09:01	21°♄33'41		evening rise	6154 Jan 05 13:00	25°♄54'43
morning rise	6151 Jul 17 06:39	18°♄41'02			6154 Jan 08 19:39	0°♄
direct	6151 Aug 01 03:12	14°♄23'40			6154 Feb 01 20:19	0°♄
greatest brilliancy	6151 Aug 11 00:38	16°♄10'22 -4.7m			6154 Feb 25 20:44	0°♄
	6151 Sep 02 21:20	0°♄			6154 Mar 21 23:16	0°♄
morning max el	6151 Sep 18 21:08	14°♄08'30 45°42'08			6154 Apr 15 07:52	0°♄
	6151 Oct 04 16:58	0°♄		asc. node	6154 Apr 19 04:39	4°♄42'58
	6151 Nov 01 03:05	0°♄			6154 May 10 04:10	0°♄
asc. node	6151 Nov 02 09:54	1°♄27'37			6154 Jun 04 21:36	0°♄
	6151 Nov 26 22:19	0°♄			6154 Jul 02 11:18	0°♄
	6151 Dec 21 20:44	0°♄		evening max el	6154 Jul 10 08:45	7°♄54'17 45°47'35
	6152 Jan 15 07:07	0°♄			6154 Aug 05 16:20	0°♄
	6152 Feb 08 10:34	0°♄		desc. node	6154 Aug 08 21:01	1°♄59'47
desc. node	6152 Feb 22 01:45	17°♄02'11		greatest brilliancy	6154 Aug 17 16:54	6°♄17'34 -4.7m
	6152 Mar 03 10:01	0°♄		retrograde	6154 Aug 28 09:11	8°♄20'59
morning set	6152 Mar 19 00:35	19°♄35'30		evening set	6154 Sep 14 13:07	2°♄47'00
	6152 Mar 27 07:23	0°♄		inferior conj	6154 Sep 18 22:37	0°♄04'17 -7°48'02
	6152 Apr 20 04:28	0°♄		minimum elong	6154 Sep 18 14:58	0°♄16'20 7°47'06
				min. Earth dist.	6154 Sep 18 17:44	0°♄11'59 0.29153 AU
superior conj	6152 Apr 28 18:47	10°♄47'04 -1°23'49			6154 Sep 19 01:20	30°♄
minimum elong	6152 Apr 29 01:08	11°♄06'59 1°23'45		morning rise	6154 Sep 22 16:50	27°♄44'21
max. Earth dist.	6152 May 01 23:58	14°♄48'58 1.71554 AU		direct	6154 Oct 10 13:07	21°♄46'44
	6152 May 14 03:10	0°♄		greatest brilliancy	6154 Oct 20 20:24	23°♄41'43 -4.7m
	6152 Jun 07 05:06	0°♄			6154 Nov 02 01:57	0°♄
evening rise	6152 Jun 07 17:17	0°♄37'49		morning max el	6154 Nov 28 17:41	22°♄22'07 46°00'12
asc. node	6152 Jun 14 02:25	8°♄32'33		asc. node	6154 Nov 29 21:44	23°♄30'59
	6152 Jul 01 11:12	0°♄			6154 Dec 06 08:07	0°♄
	6152 Jul 25 22:11	0°♄			6155 Jan 02 19:08	0°♄
	6152 Aug 19 15:20	0°♄			6155 Jan 28 09:18	0°♄
	6152 Sep 13 17:22	0°♄			6155 Feb 22 03:36	0°♄
desc. node	6152 Oct 03 18:21	23°♄30'36			6155 Mar 18 11:53	0°♄
	6152 Oct 09 09:04	0°♄		desc. node	6155 Mar 21 13:37	3°♄48'32
	6152 Nov 04 23:35	0°♄			6155 Apr 11 15:03	0°♄
evening max el	6152 Dec 03 05:11	29°♄32'50 46°25'43			6155 May 05 16:17	0°♄
	6152 Dec 03 16:19	0°♄			6155 May 29 17:58	0°♄
greatest brilliancy	6153 Jan 12 02:59	29°♄16'16 -4.9m		morning set	6155 Jun 03 04:30	5°♄31'25
	6153 Jan 14 10:13	0°♄			6155 Jun 22 21:35	0°♄
retrograde	6153 Jan 22 00:42	1°♄05'49				
asc. node	6153 Jan 24 19:26	0°♄56'26		superior conj	6155 Jul 11 12:53	23°♄04'19 -0°02'35
	6153 Jan 29 08:39	30°♄		minimum elong	6155 Jul 11 13:28	23°♄06'06 0°02'35
evening set	6153 Feb 05 14:43	26°♄53'24		behind sun begin	6155 Jul 10 14:07	21°♄53'57
inferior conj	6153 Feb 11 14:18	23°♄22'23 4°26'03		behind sun end	6155 Jul 12 12:49	24°♄18'14
minimum elong	6153 Feb 11 05:08	23°♄36'24 4°23'27		asc. node	6155 Jul 12 14:17	24°♄22'47
min. Earth dist.	6153 Feb 11 09:45	23°♄29'19 0.26776 AU		max. Earth dist.	6155 Jul 13 23:56	26°♄06'45 1.72925 AU
morning rise	6153 Feb 16 19:34	20°♄16'49			6155 Jul 17 03:29	0°♄
direct	6153 Mar 04 04:52	15°♄38'26			6155 Aug 10 11:23	0°♄
greatest brilliancy	6153 Mar 14 01:08	17°♄29'08 -4.9m		evening rise	6155 Aug 17 15:26	8°♄49'14
	6153 Apr 03 11:59	0°♄			6155 Sep 03 21:11	0°♄
morning max el	6153 Apr 23 16:09	18°♄31'01 46°55'07			6155 Sep 28 09:33	0°♄
	6153 May 04 17:58	0°♄			6155 Oct 23 01:39	0°♄
desc. node	6153 May 16 11:31	12°♄46'39		desc. node	6155 Nov 01 06:15	11°♄07'08
	6153 May 31 17:26	0°♄			6155 Nov 16 22:41	0°♄

	6155 Dec 12 02:13	0°♊			6158 Jul 07 10:21	0°♎		
	6156 Jan 06 16:58	0°♋			6158 Jul 31 20:42	0°♏		
	6156 Feb 02 10:24	0°♌		asc. node	6158 Aug 09 02:07	10°♏06'02		
evening max el	6156 Feb 14 23:21	13°♌08'49	47°05'33	morning set	6158 Aug 12 06:41	14°♏01'10		
asc. node	6156 Feb 22 07:06	20°♌22'27			6158 Aug 25 06:42	0°♐		
	6156 Mar 03 22:29	0°♍		max. Earth dist.	6158 Sep 17 06:06	28°♐16'27	1.73395 AU	
greatest brilliancy	6156 Mar 26 18:23	14°♍34'56	-4.9m					
retrograde	6156 Apr 05 16:42	16°♍27'48		superior conj	6158 Sep 18 01:26	29°♐16'01	1°17'09	
evening set	6156 Apr 23 17:22	10°♍14'58		minimum elong	6158 Sep 17 18:15	28°♐53'51	1°17'01	
inferior conj	6156 Apr 26 12:13	8°♍32'07	8°49'11		6158 Sep 18 15:43	0°♑		
minimum elong	6156 Apr 26 17:32	8°♍23'53	8°48'44		6158 Oct 12 23:48	0°♒		
min. Earth dist.	6156 Apr 26 07:42	8°♍39'08	0.27338 AU	evening rise	6158 Oct 24 08:41	14°♒01'28		
morning rise	6156 Apr 29 17:48	6°♍33'16			6158 Nov 06 07:39	0°♓		
direct	6156 May 17 04:13	0°♍42'33		desc. node	6158 Nov 28 18:09	27°♓39'09		
greatest brilliancy	6156 May 26 16:47	2°♍23'53	-4.8m		6158 Nov 30 15:54	0°♑		
desc. node	6156 Jun 12 23:15	12°♍05'17			6158 Dec 25 00:45	0°♒		
	6156 Jul 03 16:50	0°♓			6159 Jan 18 10:40	0°♋		
morning max el	6156 Jul 05 19:13	2°♓02'06	46°13'50		6159 Feb 11 23:56	0°♌		
	6156 Aug 01 14:44	0°♎			6159 Mar 08 22:32	0°♍		
	6156 Aug 28 07:54	0°♏		asc. node	6159 Mar 21 18:48	15°♍05'30		
	6156 Sep 23 02:02	0°♐			6159 Apr 03 19:38	0°♓		
asc. node	6156 Oct 03 23:55	12°♐56'32		evening max el	6159 Apr 28 04:53	26°♓06'49	46°40'29	
	6156 Oct 18 05:26	0°♑			6159 May 02 03:20	0°♎		
	6156 Nov 11 21:54	0°♒		greatest brilliancy	6159 Jun 06 09:54	26°♎10'29	-4.8m	
	6156 Dec 06 06:32	0°♓		retrograde	6159 Jun 17 08:48	28°♎23'34		
	6156 Dec 30 09:59	0°♑		evening set	6159 Jul 02 08:57	23°♎56'45		
morning set	6156 Dec 31 00:03	0°♑43'51		min. Earth dist.	6159 Jul 08 04:47	20°♎27'34	0.28200 AU	
	6157 Jan 23 10:04	0°♒		inferior conj	6159 Jul 08 13:44	20°♎13'37	0°42'36	
desc. node	6157 Jan 23 15:51	0°♒18'06		minimum elong	6159 Jul 08 15:20	20°♎11'08	0°42'04	
max. Earth dist.	6157 Feb 06 21:55	18°♒10'25	1.71359 AU	desc. node	6159 Jul 11 11:06	18°♎26'46		
				morning rise	6159 Jul 14 22:24	16°♎26'57		
superior conj	6157 Feb 09 00:02	20°♒47'44	-0°38'19	direct	6159 Jul 29 18:39	12°♎10'44		
minimum elong	6157 Feb 08 14:56	20°♒19'08	0°37'53	greatest brilliancy	6159 Aug 08 14:42	13°♎56'38	-4.7m	
	6157 Feb 16 07:56	0°♋			6159 Sep 03 05:01	0°♏		
	6157 Mar 12 04:40	0°♌		morning max el	6159 Sep 16 12:53	11°♏58'23	45°42'21	
evening rise	6157 Mar 21 16:14	11°♌55'05			6159 Oct 04 10:26	0°♐		
	6157 Apr 05 01:57	0°♍			6159 Oct 31 16:56	0°♑		
	6157 Apr 29 02:03	0°♓		asc. node	6159 Nov 01 12:01	0°♑54'24		
asc. node	6157 May 16 16:34	21°♓50'17			6159 Nov 26 10:38	0°♒		
	6157 May 23 07:26	0°♎			6159 Dec 21 08:18	0°♓		
	6157 Jun 16 20:44	0°♏			6160 Jan 14 18:19	0°♑		
	6157 Jul 11 21:37	0°♐			6160 Feb 07 21:34	0°♒		
	6157 Aug 06 17:20	0°♑		desc. node	6160 Feb 21 03:38	16°♒33'58		
	6157 Sep 03 01:34	0°♒			6160 Mar 02 20:53	0°♋		
desc. node	6157 Sep 05 08:35	2°♒23'29		morning set	6160 Mar 16 10:56	17°♋03'27		
evening max el	6157 Sep 19 07:32	16°♒20'06	45°39'15		6160 Mar 26 18:08	0°♌		
	6157 Oct 04 16:41	0°♓			6160 Apr 19 15:08	0°♍		
greatest brilliancy	6157 Oct 28 16:37	14°♓28'42	-4.8m					
retrograde	6157 Nov 07 01:26	16°♓04'29		superior conj	6160 Apr 26 06:41	8°♓20'29	-1°24'49	
evening set	6157 Nov 23 16:30	10°♓49'02		minimum elong	6160 Apr 26 12:09	8°♓37'39	1°24'47	
inferior conj	6157 Nov 28 04:19	8°♓06'14	-6°27'14	max. Earth dist.	6160 Apr 29 12:24	12°♓24'08	1.71513 AU	
minimum elong	6157 Nov 28 14:30	7°♓50'28	6°25'06		6160 May 13 13:47	0°♓		
min. Earth dist.	6157 Nov 29 03:08	7°♓30'56	0.28142 AU	evening rise	6160 Jun 05 07:02	28°♓18'31		
morning rise	6157 Dec 03 11:57	4°♓53'58			6160 Jun 06 15:44	0°♎		
	6157 Dec 17 22:59	30°♒♒		asc. node	6160 Jun 13 04:28	8°♎05'59		
direct	6157 Dec 19 09:46	29°♒57'27			6160 Jun 30 21:56	0°♏		
	6157 Dec 20 20:47	0°♓			6160 Jul 25 09:08	0°♐		
asc. node	6157 Dec 27 09:32	1°♓10'36			6160 Aug 19 02:40	0°♑		
greatest brilliancy	6157 Dec 30 15:43	2°♓18'29	-4.8m		6160 Sep 13 05:26	0°♒		
	6158 Feb 05 02:58	0°♑		desc. node	6160 Oct 02 20:23	22°♒58'39		
morning max el	6158 Feb 07 20:41	2°♑44'12	46°45'25		6160 Oct 08 22:29	0°♓		
	6158 Mar 05 03:41	0°♒			6160 Nov 04 15:47	0°♑		
	6158 Mar 30 23:33	0°♋		evening max el	6160 Nov 30 19:02	27°♑13'00	46°23'41	
desc. node	6158 Apr 18 01:36	21°♋39'35			6160 Dec 03 16:08	0°♒		
	6158 Apr 24 22:57	0°♌		greatest brilliancy	6161 Jan 09 16:39	26°♒52'06	-4.9m	
	6158 May 19 13:18	0°♍		retrograde	6161 Jan 19 12:49	28°♒40'05		
	6158 Jun 13 00:09	0°♓		asc. node	6161 Jan 23 21:23	28°♒17'04		

evening set	6161 Feb 03 01:36	24° \approx 30'37		behind sun begin	6163 Jul 08 07:58	19° \approx 48'06	
inferior conj	6161 Feb 09 03:00	20° \approx 57'06	4°04'22	behind sun end	6163 Jul 10 04:17	22° \approx 05'07	
minimum elong	6161 Feb 08 18:25	21° \approx 10'15	4°01'54	max. Earth dist.	6163 Jul 11 16:07	23° \approx 55'50	1.72883 AU
min. Earth dist.	6161 Feb 08 23:49	21° \approx 01'59	0.26781 AU	asc. node	6163 Jul 11 16:13	23° \approx 56'10	
morning rise	6161 Feb 14 11:09	17° \approx 47'08			6163 Jul 16 14:01	0° Ω	
direct	6161 Mar 01 17:29	13° \approx 12'52			6163 Aug 09 21:55	0° Π	
greatest brilliancy	6161 Mar 11 15:41	15° \approx 04'45	-4.9m	evening rise	6163 Aug 15 09:22	6° Π 44'19	
	6161 Apr 03 23:21	0° X			6163 Sep 03 07:51	0° $\underline{\Omega}$	
morning max el	6161 Apr 21 04:26	16° X 04'29	46°55'57		6163 Sep 27 20:29	0° Π	
	6161 May 04 12:50	0° Υ			6163 Oct 22 13:02	0° X	
desc. node	6161 May 15 13:35	12° Υ 05'55		desc. node	6163 Oct 31 08:19	10° X 38'25	
	6161 May 31 08:10	0° B			6163 Nov 16 10:44	0° B	
	6161 Jun 25 23:56	0° Π			6163 Dec 11 15:20	0° \approx	
	6161 Jul 21 04:26	0° \approx			6164 Jan 06 07:56	0° X	
	6161 Aug 15 03:07	0° Ω			6164 Feb 02 05:27	0° Υ	
asc. node	6161 Sep 05 13:59	25° Ω 59'18		evening max el	6164 Feb 12 12:25	10° Υ 43'32	47°05'15
	6161 Sep 08 21:08	0° Π		asc. node	6164 Feb 21 09:06	19° Υ 24'41	
	6161 Oct 03 10:25	0° $\underline{\Omega}$			6164 Mar 04 10:07	0° B	
morning set	6161 Oct 19 14:30	19° $\underline{\Omega}$ 53'07		greatest brilliancy	6164 Mar 24 08:03	12° B 10'32	-4.9m
	6161 Oct 27 19:17	0° Π		retrograde	6164 Apr 03 06:23	14° B 03'46	
	6161 Nov 21 00:53	0° X		evening set	6164 Apr 21 08:29	7° B 48'07	
max. Earth dist.	6161 Nov 22 18:40	2° X 09'35	1.72597 AU	inferior conj	6164 Apr 24 01:31	6° B 08'17	8°54'39
				minimum elong	6164 Apr 24 05:59	6° B 01'22	8°54'21
superior conj	6161 Nov 25 10:48	5° X 28'33	1°05'22	min. Earth dist.	6164 Apr 23 20:32	6° B 16'00	0.27315 AU
minimum elong	6161 Nov 25 20:30	5° X 58'39	1°05'05	morning rise	6164 Apr 27 03:34	4° B 14'59	
	6161 Dec 15 04:23	0° B			6164 May 05 15:06	30° R Υ	
desc. node	6161 Dec 26 06:00	13° B 46'41		direct	6164 May 14 17:00	28° Υ 18'48	
evening rise	6162 Jan 03 02:25	23° B 33'32		greatest brilliancy	6164 May 24 05:29	0° B 00'24	-4.8m
	6162 Jan 08 06:24	0° \approx			6164 May 24 05:00	0° B	
	6162 Feb 01 07:15	0° X		desc. node	6164 Jun 12 01:15	10° B 51'41	
	6162 Feb 25 07:54	0° Υ		morning max el	6164 Jul 03 09:48	29° B 44'20	46°15'34
	6162 Mar 21 10:46	0° B			6164 Jul 03 16:12	0° Π	
	6162 Apr 14 19:52	0° Π			6164 Aug 01 06:51	0° \approx	
asc. node	6162 Apr 18 06:45	4° Π 12'35			6164 Aug 27 21:20	0° Ω	
	6162 May 09 17:01	0° \approx			6164 Sep 22 14:09	0° Π	
	6162 Jun 04 12:12	0° Ω		asc. node	6164 Oct 03 02:04	12° Π 27'48	
	6162 Jul 02 06:36	0° Π			6164 Oct 17 16:50	0° $\underline{\Omega}$	
evening max el	6162 Jul 07 23:19	5° Π 40'13	45°48'50		6164 Nov 11 08:57	0° Π	
	6162 Aug 06 19:22	0° $\underline{\Omega}$			6164 Dec 05 17:25	0° X	
desc. node	6162 Aug 07 22:52	0° $\underline{\Omega}$ 39'32		morning set	6164 Dec 28 14:03	28° X 24'09	
greatest brilliancy	6162 Aug 15 08:31	4° $\underline{\Omega}$ 08'38	-4.7m		6164 Dec 29 20:49	0° B	
retrograde	6162 Aug 26 01:08	6° $\underline{\Omega}$ 12'59		desc. node	6165 Jan 22 17:47	29° B 50'12	
evening set	6162 Sep 12 02:22	0° $\underline{\Omega}$ 43'18			6165 Jan 22 20:55	0° \approx	
	6162 Sep 13 07:22	30° R Π		max. Earth dist.	6165 Feb 04 09:27	15° \approx 41'53	1.71387 AU
inferior conj	6162 Sep 16 15:03	27° Π 56'07	-7°39'22				
minimum elong	6162 Sep 16 06:56	28° Π 08'54	7°38'18	superior conj	6165 Feb 06 11:08	18° \approx 17'45	-0°34'44
min. Earth dist.	6162 Sep 16 09:36	28° Π 04'43	0.29148 AU	minimum elong	6165 Feb 06 02:44	17° \approx 51'26	0°34'20
morning rise	6162 Sep 20 11:29	25° Π 32'51			6165 Feb 15 18:49	0° X	
direct	6162 Oct 08 04:51	19° Π 38'35			6165 Mar 11 15:36	0° Υ	
greatest brilliancy	6162 Oct 18 12:36	21° Π 33'30	-4.7m	evening rise	6165 Mar 19 02:46	9° Υ 23'02	
	6162 Nov 02 22:02	0° $\underline{\Omega}$			6165 Apr 04 12:58	0° B	
morning max el	6162 Nov 26 08:24	20° $\underline{\Omega}$ 07'58	45°58'56		6165 Apr 28 13:11	0° Π	
asc. node	6162 Nov 28 23:46	22° $\underline{\Omega}$ 44'07		asc. node	6165 May 15 18:36	21° Π 21'44	
	6162 Dec 06 03:00	0° Π			6165 May 22 18:48	0° \approx	
	6163 Jan 02 09:40	0° X			6165 Jun 16 08:31	0° Ω	
	6163 Jan 27 22:09	0° B			6165 Jul 11 10:12	0° Π	
	6163 Feb 21 15:36	0° \approx			6165 Aug 06 07:30	0° $\underline{\Omega}$	
	6163 Mar 17 23:23	0° X			6165 Sep 02 19:33	0° Π	
desc. node	6163 Mar 20 15:37	3° X 19'08		desc. node	6165 Sep 04 10:40	1° Π 41'12	
	6163 Apr 11 02:15	0° Υ		evening max el	6165 Sep 16 23:12	14° Π 09'02	45°38'36
	6163 May 05 03:16	0° B			6165 Oct 05 02:56	0° X	
	6163 May 29 04:46	0° Π		greatest brilliancy	6165 Oct 26 05:50	12° X 13'19	-4.7m
morning set	6163 May 31 18:30	3° Π 12'07		retrograde	6165 Nov 04 16:08	13° X 49'49	
	6163 Jun 22 08:14	0° \approx		evening set	6165 Nov 21 10:09	8° X 29'42	
				inferior conj	6165 Nov 25 19:09	5° X 50'36	-6°40'56
superior conj	6163 Jul 09 04:46	20° \approx 52'25	-0°06'00	minimum elong	6165 Nov 26 05:14	5° X 34'57	6°38'56
minimum elong	6163 Jul 09 06:07	20° \approx 56'37	0°05'58	min. Earth dist.	6165 Nov 26 17:23	5° X 16'09	0.28208 AU

morning rise	6165 Nov 30 23:51	2°♌42'23			6168 Jun 06 02:46	0°♏	
	6165 Dec 06 09:04	30°♍		asc. node	6168 Jun 12 06:21	7°♏37'38	
direct	6165 Dec 17 01:49	27°♍41'07			6168 Jun 30 09:03	0°♏	
asc. node	6165 Dec 26 11:29	29°♍21'25			6168 Jul 24 20:27	0°♎	
	6165 Dec 28 05:21	0°♌			6168 Aug 18 14:25	0°♎	
greatest brilliancy	6165 Dec 28 06:28	0°♌01'06 -4.8m			6168 Sep 12 17:59	0°♍	
	6166 Feb 05 01:38	0°♌		desc. node	6168 Oct 01 22:27	22°♍25'22	
morning max el	6166 Feb 05 12:25	0°♌27'09 46°43'59			6168 Oct 08 12:29	0°♌	
	6166 Mar 04 19:55	0°♋			6168 Nov 04 08:44	0°♌	
	6166 Mar 30 13:26	0°♋		evening max el	6168 Nov 28 08:03	24°♌50'15 46°21'45	
desc. node	6166 Apr 17 03:43	21°♋06'46			6168 Dec 03 17:34	0°♋	
	6166 Apr 24 11:39	0°♑		greatest brilliancy	6169 Jan 07 06:29	24°♋27'24 -4.9m	
	6166 May 19 01:16	0°♑		retrograde	6169 Jan 17 00:45	26°♋13'57	
	6166 Jun 12 11:38	0°♑		asc. node	6169 Jan 22 23:20	25°♋31'11	
	6166 Jul 06 21:30	0°♏		evening set	6169 Jan 31 12:44	22°♋06'39	
	6166 Jul 31 07:37	0°♏		inferior conj	6169 Feb 06 15:47	18°♋31'16 3°42'24	
asc. node	6166 Aug 08 04:05	9°♏38'46		minimum elong	6169 Feb 06 07:49	18°♋43'29 3°40'02	
morning set	6166 Aug 09 23:44	11°♏52'50		min. Earth dist.	6169 Feb 06 14:09	18°♋33'47 0.26791 AU	
	6166 Aug 24 17:29	0°♎		morning rise	6169 Feb 12 02:40	15°♋17'12	
max. Earth dist.	6166 Sep 15 03:26	26°♎21'19 1.73398 AU		direct	6169 Feb 27 05:57	10°♋46'26	
				greatest brilliancy	6169 Mar 09 06:49	12°♋40'20 -4.9m	
superior conj	6166 Sep 15 19:23	27°♎10'27 1°15'43			6169 Apr 04 08:08	0°♋	
minimum elong	6166 Sep 15 11:48	26°♎47'04 1°15'33		morning max el	6169 Apr 18 16:48	13°♋36'48 46°56'35	
	6166 Sep 18 02:26	0°♎			6169 May 04 07:39	0°♑	
	6166 Oct 12 10:34	0°♍		desc. node	6169 May 14 15:32	11°♑24'01	
evening rise	6166 Oct 22 01:53	11°♍53'08			6169 May 30 23:13	0°♑	
	6166 Nov 05 18:33	0°♌			6169 Jun 25 13:14	0°♑	
desc. node	6166 Nov 27 20:08	27°♌10'57			6169 Jul 20 16:44	0°♏	
	6166 Nov 30 03:04	0°♌			6169 Aug 14 14:46	0°♏	
	6166 Dec 24 12:19	0°♋		asc. node	6169 Sep 04 16:06	25°♏31'30	
	6167 Jan 17 22:46	0°♋			6169 Sep 08 08:22	0°♎	
	6167 Feb 11 12:46	0°♑			6169 Oct 02 21:24	0°♎	
	6167 Mar 08 12:35	0°♑		morning set	6169 Oct 17 07:33	17°♎44'05	
asc. node	6167 Mar 20 20:53	14°♑27'50			6169 Oct 27 06:11	0°♍	
	6167 Apr 03 12:14	0°♑			6169 Nov 20 11:48	0°♌	
evening max el	6167 Apr 25 20:31	23°♑50'20 46°42'15		max. Earth dist.	6169 Nov 20 11:12	29°♍58'08 1.72640 AU	
	6167 May 02 03:36	0°♏					
greatest brilliancy	6167 Jun 04 02:29	23°♏56'11 -4.8m		superior conj	6169 Nov 23 02:43	3°♌15'07 1°07'31	
retrograde	6167 Jun 15 00:29	26°♏07'59		minimum elong	6169 Nov 23 12:14	3°♌44'39 1°07'16	
evening set	6167 Jun 30 01:29	21°♏40'11			6169 Dec 14 15:24	0°♌	
inferior conj	6167 Jul 06 04:53	17°♏58'40 1°03'56		desc. node	6169 Dec 25 07:56	13°♌18'18	
minimum elong	6167 Jul 06 07:17	17°♏54'55 1°03'10		evening rise	6169 Dec 31 16:06	21°♌12'05	
min. Earth dist.	6167 Jul 05 20:21	18°♏11'59 0.28159 AU			6170 Jan 07 17:32	0°♋	
desc. node	6167 Jul 10 13:00	15°♏20'04			6170 Jan 31 18:33	0°♋	
morning rise	6167 Jul 12 13:48	14°♏11'33			6170 Feb 24 19:25	0°♑	
direct	6167 Jul 27 09:44	9°♏56'34			6170 Mar 20 22:37	0°♑	
greatest brilliancy	6167 Aug 06 04:51	11°♏41'38 -4.7m			6170 Apr 14 08:15	0°♑	
	6167 Sep 03 10:52	0°♏		asc. node	6170 Apr 17 08:43	3°♑40'37	
morning max el	6167 Sep 14 03:45	9°♏45'06 45°42'37			6170 May 09 06:21	0°♏	
	6167 Oct 04 03:51	0°♎			6170 Jun 04 03:27	0°♏	
	6167 Oct 31 06:57	0°♎			6170 Jul 02 03:03	0°♎	
asc. node	6167 Oct 31 13:58	0°♎20'03		evening max el	6170 Jul 05 14:07	3°♎25'18 45°50'17	
	6167 Nov 25 23:11	0°♍		desc. node	6170 Aug 07 00:57	29°♎15'36	
	6167 Dec 20 20:08	0°♌			6170 Aug 08 11:36	0°♎	
	6168 Jan 14 05:46	0°♌		greatest brilliancy	6170 Aug 12 23:36	1°♎57'37 -4.7m	
	6168 Feb 07 08:50	0°♋		retrograde	6170 Aug 23 17:32	4°♎03'41	
desc. node	6168 Feb 20 05:42	16°♋05'21			6170 Sep 07 04:56	30°♍	
	6168 Mar 02 08:04	0°♋		evening set	6170 Sep 09 15:33	28°♎38'05	
morning set	6168 Mar 13 20:59	14°♋29'15		inferior conj	6170 Sep 14 07:27	25°♎46'30 -7°30'05	
	6168 Mar 26 05:15	0°♑		minimum elong	6170 Sep 13 22:53	25°♎59'57 7°28'52	
	6168 Apr 19 02:11	0°♑		min. Earth dist.	6170 Sep 14 01:11	25°♎56'20 0.29139 AU	
				morning rise	6170 Sep 18 06:14	23°♎19'54	
superior conj	6168 Apr 23 18:06	5°♑51'05 -1°25'40		direct	6170 Oct 05 20:40	17°♎29'02	
minimum elong	6168 Apr 23 22:38	6°♑05'19 1°25'40		greatest brilliancy	6170 Oct 16 04:38	19°♎24'01 -4.7m	
max. Earth dist.	6168 Apr 26 21:43	9°♑48'15 1.71471 AU			6170 Nov 03 13:28	0°♎	
	6168 May 13 00:48	0°♑		morning max el	6170 Nov 23 23:59	17°♎54'59 45°57'39	
evening rise	6168 Jun 02 20:07	25°♑55'44		asc. node	6170 Nov 28 01:44	21°♎56'44	

	6170 Dec 05 21:48	0°♌		6173 May 22 06:14	0°♏	
	6171 Jan 02 00:26	0°♊		6173 Jun 15 20:23	0°♎	
	6171 Jan 27 11:17	0°♊		6173 Jul 10 22:53	0°♎	
	6171 Feb 21 03:53	0°♊		6173 Aug 05 21:52	0°♌	
	6171 Mar 17 11:10	0°♋		6173 Sep 02 14:05	0°♌	
desc. node	6171 Mar 19 17:43	2°♋49'14		6173 Sep 03 12:42	0°♌58'02	
	6171 Apr 10 13:41	0°♎		evening max el	6173 Sep 14 15:01	11°♌58'07 45°37'53
	6171 May 04 14:29	0°♏			6173 Oct 05 16:52	0°♊
	6171 May 28 15:50	0°♌		greatest brilliancy	6173 Oct 23 19:43	9°♊58'46 -4.7m
morning set	6171 May 29 08:32	0°♌52'00		retrograde	6173 Nov 02 06:33	11°♊35'21
	6171 Jun 21 19:10	0°♏		evening set	6173 Nov 19 03:57	6°♊10'54
				inferior conj	6173 Nov 23 10:10	3°♊35'25 -6°53'51
superior conj	6171 Jul 06 20:29	18°♏38'57 -0°09'25		minimum elong	6173 Nov 23 20:04	3°♊20'01 6°51'59
minimum elong	6171 Jul 06 22:38	18°♏45'36 0°09'22		min. Earth dist.	6173 Nov 24 07:53	3°♊01'40 0.28271 AU
behind sun begin	6171 Jul 06 03:09	17°♏45'22		morning rise	6173 Nov 28 11:47	0°♊31'15
behind sun end	6171 Jul 07 18:06	19°♏45'48			6173 Nov 29 09:58	30°♌
max. Earth dist.	6171 Jul 09 08:16	21°♏43'47 1.72846 AU		direct	6173 Dec 14 17:49	25°♌25'22
asc. node	6171 Jul 10 18:14	23°♏28'46		asc. node	6173 Dec 25 13:29	27°♌36'24
	6171 Jul 16 00:53	0°♎		greatest brilliancy	6173 Dec 25 21:20	27°♌44'04 -4.8m
	6171 Aug 09 08:47	0°♎			6173 Dec 30 18:31	0°♊
evening rise	6171 Aug 13 03:06	4°♎37'49		morning max el	6174 Feb 03 03:18	28°♊08'03 46°42'26
	6171 Sep 02 18:50	0°♌			6174 Feb 04 23:25	0°♊
	6171 Sep 27 07:44	0°♌			6174 Mar 04 11:52	0°♊
	6171 Oct 22 00:44	0°♊			6174 Mar 30 03:13	0°♋
desc. node	6171 Oct 30 10:15	10°♊08'17		desc. node	6174 Apr 16 05:34	20°♋33'16
	6171 Nov 15 23:09	0°♊			6174 Apr 24 00:18	0°♎
	6171 Dec 11 04:53	0°♊			6174 May 18 13:12	0°♏
	6172 Jan 05 23:27	0°♋			6174 Jun 11 23:03	0°♌
	6172 Feb 02 01:23	0°♎			6174 Jul 06 08:33	0°♏
evening max el	6172 Feb 10 02:44	8°♎20'41 47°04'55			6174 Jul 30 18:25	0°♎
asc. node	6172 Feb 20 11:14	18°♎25'12		asc. node	6174 Aug 07 06:09	9°♎12'11
	6172 Mar 05 02:02	0°♏		morning set	6174 Aug 07 17:04	9°♎45'41
greatest brilliancy	6172 Mar 21 21:17	9°♏45'13 -4.9m			6174 Aug 24 04:08	0°♎
retrograde	6172 Mar 31 20:39	11°♏39'19		max. Earth dist.	6174 Sep 12 23:53	24°♎23'48 1.73404 AU
evening set	6172 Apr 18 23:19	5°♏21'32				
inferior conj	6172 Apr 21 14:53	3°♏44'04 8°59'16		superior conj	6174 Sep 13 13:33	25°♎05'51 1°14'11
minimum elong	6172 Apr 21 18:28	3°♏38'32 8°59'03		minimum elong	6174 Sep 13 05:36	24°♎41'24 1°13'59
min. Earth dist.	6172 Apr 21 09:03	3°♏53'04 0.27289 AU			6174 Sep 17 13:04	0°♌
morning rise	6172 Apr 24 13:41	1°♏55'52			6174 Oct 11 21:15	0°♌
	6172 Apr 27 22:56	30°♌		evening rise	6174 Oct 19 19:12	9°♌45'23
direct	6172 May 12 06:21	25°♎55'00			6174 Nov 05 05:25	0°♊
greatest brilliancy	6172 May 21 17:36	27°♎36'06 -4.8m		desc. node	6174 Nov 26 22:03	26°♊42'40
	6172 May 27 09:35	0°♏			6174 Nov 29 14:12	0°♊
desc. node	6172 Jun 11 03:13	9°♏39'59			6174 Dec 23 23:50	0°♊
morning max el	6172 Jul 01 00:59	27°♏27'42 46°17'11			6175 Jan 17 10:49	0°♋
	6172 Jul 03 14:42	0°♌			6175 Feb 11 01:35	0°♎
	6172 Jul 31 22:50	0°♏			6175 Mar 08 02:42	0°♏
	6172 Aug 27 10:52	0°♎		asc. node	6175 Mar 19 22:50	13°♏49'41
	6172 Sep 22 02:26	0°♎			6175 Apr 03 05:03	0°♌
asc. node	6172 Oct 02 04:01	11°♎57'56		evening max el	6175 Apr 23 11:32	21°♌32'19 46°43'55
	6172 Oct 17 04:26	0°♌			6175 May 02 04:59	0°♏
	6172 Nov 10 20:10	0°♌		greatest brilliancy	6175 Jun 01 19:38	21°♏42'47 -4.8m
	6172 Dec 05 04:27	0°♊		retrograde	6175 Jun 12 15:41	23°♏52'51
morning set	6172 Dec 26 04:11	26°♊04'28		evening set	6175 Jun 27 18:14	19°♏23'54
	6172 Dec 29 07:47	0°♊		inferior conj	6175 Jul 03 20:07	15°♏44'25 1°25'14
desc. node	6173 Jan 21 19:49	29°♊22'11		minimum elong	6175 Jul 03 23:17	15°♏39'28 1°24'14
	6173 Jan 22 07:54	0°♊		min. Earth dist.	6175 Jul 03 12:19	15°♏56'36 0.28116 AU
max. Earth dist.	6173 Feb 01 19:15	13°♊07'29 1.71417 AU		desc. node	6175 Jul 09 15:03	12°♏16'05
				morning rise	6175 Jul 10 05:02	11°♏57'00
superior conj	6173 Feb 03 22:21	15°♊47'45 -0°31'06		direct	6175 Jul 25 00:25	7°♏43'05
minimum elong	6173 Feb 03 14:45	15°♊23'55 0°30'43		greatest brilliancy	6175 Aug 03 19:33	9°♏27'52 -4.7m
	6173 Feb 15 05:51	0°♋			6175 Sep 03 14:24	0°♎
	6173 Mar 11 02:42	0°♎		morning max el	6175 Sep 11 17:56	7°♎30'54 45°43'01
evening rise	6173 Mar 16 13:26	6°♎50'50			6175 Oct 03 20:35	0°♎
	6173 Apr 04 00:07	0°♏		asc. node	6175 Oct 30 15:54	29°♎46'38
	6173 Apr 28 00:25	0°♌			6175 Oct 30 20:34	0°♌
asc. node	6173 May 14 20:31	20°♌52'31			6175 Nov 25 11:27	0°♌

	6175 Dec 20 07:44	0°♊		greatest brilliancy	6178 Aug 10 14:17	29°♏47'05	-4.7m
	6176 Jan 13 17:03	0°♋			6178 Aug 11 04:23	0°♌	
	6176 Feb 06 19:56	0°♍		retrograde	6178 Aug 21 10:23	1°♌55'15	
desc. node	6176 Feb 19 07:45	15°♍37'18			6178 Aug 31 05:54	30°♏	
	6176 Mar 01 19:03	0°♎		evening set	6178 Sep 07 04:44	26°♏33'45	
morning set	6176 Mar 11 06:55	11°♎55'21		inferior conj	6178 Sep 11 23:46	23°♏37'46	-7°20'09
	6176 Mar 25 16:09	0°♏		minimum elong	6178 Sep 11 14:52	23°♏51'45	7°18'47
	6176 Apr 18 13:02	0°♐		min. Earth dist.	6178 Sep 11 16:29	23°♏49'13	0.29125 AU
				morning rise	6178 Sep 16 01:01	21°♏07'48	
superior conj	6176 Apr 21 05:27	3°♐22'07	-1°26'22	direct	6178 Oct 03 12:52	15°♏20'31	
minimum elong	6176 Apr 21 08:59	3°♐33'14	1°26'21	greatest brilliancy	6178 Oct 13 20:09	17°♏15'14	-4.7m
max. Earth dist.	6176 Apr 24 04:26	7°♐04'47	1.71433 AU		6178 Nov 04 00:21	0°♐	
	6176 May 12 11:38	0°♑		morning max el	6178 Nov 21 16:10	15°♐45'00	45°56'29
evening rise	6176 May 31 09:03	23°♑33'05		asc. node	6178 Nov 27 03:45	21°♐11'37	
	6176 Jun 05 13:36	0°♒			6178 Dec 05 15:37	0°♑	
asc. node	6176 Jun 11 08:25	7°♒10'27			6179 Jan 01 14:32	0°♊	
	6176 Jun 29 19:58	0°♓			6179 Jan 26 23:55	0°♋	
	6176 Jul 24 07:33	0°♔			6179 Feb 20 15:46	0°♍	
	6176 Aug 18 01:55	0°♕			6179 Mar 16 22:37	0°♎	
	6176 Sep 12 06:15	0°♖		desc. node	6179 Mar 18 19:37	2°♎19'38	
desc. node	6176 Oct 01 00:22	21°♖52'33			6179 Apr 10 00:52	0°♏	
	6176 Oct 08 02:15	0°♊			6179 May 04 01:27	0°♐	
	6176 Nov 04 01:41	0°♋		morning set	6179 May 26 22:02	28°♐30'57	
evening max el	6176 Nov 25 20:42	22°♋27'35	46°19'41		6179 May 28 02:37	0°♑	
	6176 Dec 03 20:07	0°♍			6179 Jun 21 05:48	0°♒	
greatest brilliancy	6177 Jan 04 19:54	22°♍02'45	-4.9m				
retrograde	6177 Jan 14 12:48	23°♍48'32		superior conj	6179 Jul 04 11:43	16°♒24'50	-0°12'54
asc. node	6177 Jan 22 01:27	22°♍39'50		minimum elong	6179 Jul 04 14:39	16°♒33'55	0°12'47
evening set	6177 Jan 29 00:01	19°♍42'40		behind sun begin	6179 Jul 04 00:09	15°♒49'02	
inferior conj	6177 Feb 04 04:30	16°♍05'51	3°19'53	behind sun end	6179 Jul 05 05:09	17°♒18'48	
minimum elong	6177 Feb 03 21:13	16°♍16'59	3°17'41	max. Earth dist.	6179 Jul 07 02:09	19°♒37'59	1.72807 AU
min. Earth dist.	6177 Feb 04 04:21	16°♍06'05	0.26807 AU	asc. node	6179 Jul 09 20:16	23°♒02'24	
morning rise	6177 Feb 09 18:03	12°♍48'06			6179 Jul 15 11:27	0°♓	
direct	6177 Feb 24 18:27	8°♍20'15			6179 Aug 08 19:22	0°♔	
greatest brilliancy	6177 Mar 06 22:00	10°♍16'33	-4.9m	evening rise	6179 Aug 10 20:39	2°♔31'35	
	6177 Apr 04 14:14	0°♎			6179 Sep 02 05:33	0°♕	
morning max el	6177 Apr 16 05:47	11°♎11'25	46°57'15		6179 Sep 26 18:43	0°♖	
	6177 May 04 01:42	0°♏			6179 Oct 21 12:08	0°♊	
desc. node	6177 May 13 17:33	10°♏43'37		desc. node	6179 Oct 29 12:16	9°♊39'26	
	6177 May 30 13:46	0°♐			6179 Nov 15 11:14	0°♋	
	6177 Jun 25 02:08	0°♑			6179 Dec 10 18:06	0°♍	
	6177 Jul 20 04:40	0°♒			6180 Jan 05 14:45	0°♎	
	6177 Aug 14 02:04	0°♓			6180 Feb 01 21:32	0°♏	
asc. node	6177 Sep 03 18:03	25°♓04'11		evening max el	6180 Feb 07 17:30	6°♏00'01	47°04'13
	6177 Sep 07 19:15	0°♔		asc. node	6180 Feb 19 13:07	17°♏24'36	
	6177 Oct 02 08:01	0°♕			6180 Mar 05 23:05	0°♐	
morning set	6177 Oct 15 01:01	15°♕37'29		greatest brilliancy	6180 Mar 19 10:07	7°♐19'43	-4.9m
	6177 Oct 26 16:42	0°♖		retrograde	6180 Mar 29 10:37	9°♐14'25	
max. Earth dist.	6177 Nov 18 06:36	27°♖56'43	1.72684 AU	evening set	6180 Apr 16 13:27	2°♐55'23	
	6177 Nov 19 22:21	0°♊		inferior conj	6180 Apr 19 03:57	1°♐19'30	9°02'53
				minimum elong	6180 Apr 19 06:38	1°♐15'22	9°02'45
superior conj	6177 Nov 20 19:02	1°♊04'07	1°09'33	min. Earth dist.	6180 Apr 18 21:14	1°♐29'53	0.27264 AU
minimum elong	6177 Nov 21 04:19	1°♊32'55	1°09'19		6180 Apr 21 07:46	30°♑	
	6177 Dec 14 02:04	0°♋		morning rise	6180 Apr 21 23:54	29°♑35'40	
desc. node	6177 Dec 24 10:03	12°♋51'32		direct	6180 May 09 19:46	23°♑31'00	
evening rise	6177 Dec 29 06:04	18°♋52'39		greatest brilliancy	6180 May 19 05:20	25°♑11'07	-4.9m
	6178 Jan 07 04:22	0°♍			6180 May 29 06:20	0°♐	
	6178 Jan 31 05:34	0°♎		desc. node	6180 Jun 10 05:17	8°♐30'46	
	6178 Feb 24 06:41	0°♏		morning max el	6180 Jun 28 15:30	25°♐09'48	46°18'46
	6178 Mar 20 10:15	0°♐			6180 Jul 03 12:10	0°♑	
	6178 Apr 13 20:24	0°♑			6180 Jul 31 14:20	0°♒	
asc. node	6178 Apr 16 10:39	3°♑09'19			6180 Aug 27 00:01	0°♓	
	6178 May 08 19:28	0°♒			6180 Sep 21 14:23	0°♔	
	6178 Jun 03 18:36	0°♓		asc. node	6180 Oct 01 05:54	11°♔28'50	
	6178 Jul 01 23:51	0°♔			6180 Oct 16 15:44	0°♕	
evening max el	6178 Jul 03 05:39	1°♔13'08	45°51'47		6180 Nov 10 07:06	0°♖	
desc. node	6178 Aug 06 03:02	27°♔49'53			6180 Dec 04 15:12	0°♊	

morning set	6180 Dec 23 18:47	23° \nearrow 47'19	evening set	6183 Jun 25 11:04	17° \searrow 07'18
	6180 Dec 28 18:26	0° \searrow	inferior conj	6183 Jul 01 11:21	13° \searrow 30'15 1°46'32
desc. node	6181 Jan 20 21:51	28° \searrow 55'13	minimum elong	6183 Jul 01 15:18	13° \searrow 24'05 1°45'18
	6181 Jan 21 18:33	0° \approx	min. Earth dist.	6183 Jul 01 04:29	13° \searrow 40'59 0.28082 AU
max. Earth dist.	6181 Jan 30 04:05	10° \approx 31'17 1.71447 AU	morning rise	6183 Jul 07 20:05	9° \searrow 42'46
			desc. node	6183 Jul 08 17:07	9° \searrow 14'58
superior conj	6181 Feb 01 10:07	13° \approx 20'40 -0°27'28	direct	6183 Jul 22 14:46	5° \searrow 29'18
minimum elong	6181 Feb 01 03:21	12° \approx 59'26 0°27'06	greatest brilliancy	6183 Aug 01 10:54	7° \searrow 14'36 -4.7m
	6181 Feb 14 16:34	0° \nearrow		6183 Sep 03 16:27	0° Ω
	6181 Mar 10 13:29	0° Υ	morning max el	6183 Sep 09 08:09	5° Ω 16'23 45°43'27
evening rise	6181 Mar 14 00:19	4° Υ 20'17		6183 Oct 03 13:05	0° \nearrow
	6181 Apr 03 11:00	0° \searrow	asc. node	6183 Oct 29 18:02	29° \nearrow 13'45
	6181 Apr 27 11:27	0° Π		6183 Oct 30 10:08	0° \searrow
asc. node	6181 May 13 22:34	20° Π 24'14		6183 Nov 24 23:42	0° \nearrow
	6181 May 21 17:32	0° \searrow		6183 Dec 19 19:20	0° \searrow
	6181 Jun 15 08:08	0° Ω		6184 Jan 13 04:20	0° \searrow
	6181 Jul 10 11:30	0° \nearrow		6184 Feb 06 07:03	0° \approx
	6181 Aug 05 12:16	0° \searrow	desc. node	6184 Feb 18 09:38	15° \approx 08'42
	6181 Sep 02 08:57	0° \nearrow		6184 Mar 01 06:02	0° \nearrow
desc. node	6181 Sep 02 14:37	0° \nearrow 14'23	morning set	6184 Mar 08 17:04	9° \nearrow 22'05
evening max el	6181 Sep 12 05:49	9° \nearrow 45'07 45°37'14		6184 Mar 25 03:02	0° Υ
	6181 Oct 06 11:20	0° \nearrow		6184 Apr 17 23:50	0° \searrow
greatest brilliancy	6181 Oct 21 10:08	7° \nearrow 45'13 -4.7m			
retrograde	6181 Oct 30 20:30	9° \nearrow 21'25	superior conj	6184 Apr 18 17:07	0° \searrow 54'13 -1°26'52
evening set	6181 Nov 16 21:41	3° \nearrow 52'37	minimum elong	6184 Apr 18 19:37	1° \searrow 02'06 1°26'53
inferior conj	6181 Nov 21 01:09	1° \nearrow 20'51 -7°06'14	max. Earth dist.	6184 Apr 21 10:01	4° \searrow 17'54 1.71394 AU
minimum elong	6181 Nov 21 10:48	1° \nearrow 05'49 7°04'30		6184 May 11 22:25	0° Π
min. Earth dist.	6181 Nov 21 22:40	0° \nearrow 47'21 0.28329 AU	evening rise	6184 May 28 22:16	21° Π 11'22
	6181 Nov 23 05:16	30° \nearrow		6184 Jun 05 00:25	0° \searrow
morning rise	6181 Nov 25 23:32	28° \nearrow 20'52	asc. node	6184 Jun 10 10:27	6° \searrow 43'14
direct	6181 Dec 12 09:19	23° \nearrow 10'09		6184 Jun 29 06:53	0° Ω
greatest brilliancy	6181 Dec 23 12:35	25° \nearrow 28'04 -4.8m		6184 Jul 23 18:42	0° \nearrow
asc. node	6181 Dec 24 15:33	25° \nearrow 55'45		6184 Aug 17 13:33	0° \searrow
	6182 Jan 01 08:33	0° \nearrow		6184 Sep 11 18:45	0° \nearrow
morning max el	6182 Jan 31 17:11	25° \nearrow 47'12 46°41'08	desc. node	6184 Sep 30 02:25	21° \nearrow 19'24
	6182 Feb 04 20:07	0° \searrow		6184 Oct 07 16:22	0° \nearrow
	6182 Mar 04 03:16	0° \approx		6184 Nov 03 19:12	0° \searrow
	6182 Mar 29 16:35	0° \nearrow	evening max el	6184 Nov 23 09:34	20° \searrow 05'16 46°17'46
desc. node	6182 Apr 15 07:37	20° \nearrow 01'26		6184 Dec 04 00:34	0° \approx
	6182 Apr 23 12:37	0° Υ	greatest brilliancy	6185 Jan 02 08:42	19° \approx 37'05 -4.8m
	6182 May 18 00:52	0° \searrow	retrograde	6185 Jan 12 01:24	21° \approx 22'51
	6182 Jun 11 10:18	0° Π	asc. node	6185 Jan 21 03:22	19° \approx 42'40
	6182 Jul 05 19:29	0° \searrow	evening set	6185 Jan 26 11:32	17° \approx 17'50
	6182 Jul 30 05:08	0° Ω	inferior conj	6185 Feb 01 17:08	13° \approx 39'50 2°56'54
morning set	6182 Aug 05 09:55	7° Ω 37'14	minimum elong	6185 Feb 01 10:35	13° \approx 49'49 2°54'54
asc. node	6182 Aug 06 08:06	8° Ω 45'23	min. Earth dist.	6185 Feb 01 18:10	13° \approx 38'15 0.26825 AU
	6182 Aug 23 14:43	0° \nearrow	morning rise	6185 Feb 07 09:16	10° \approx 18'50
			direct	6185 Feb 22 07:19	5° \approx 53'27
superior conj	6182 Sep 11 07:21	23° \nearrow 00'28 1°12'31	greatest brilliancy	6185 Mar 04 12:42	7° \approx 51'46 -4.9m
minimum elong	6182 Sep 10 23:05	22° \nearrow 35'01 1°12'18		6185 Apr 04 18:32	0° \nearrow
max. Earth dist.	6182 Sep 10 18:26	22° \nearrow 20'42 1.73406 AU	morning max el	6185 Apr 13 19:51	8° \nearrow 48'22 46°58'02
	6182 Sep 16 23:36	0° \searrow		6185 May 03 19:27	0° Υ
	6182 Oct 11 07:52	0° \nearrow	desc. node	6185 May 12 19:37	10° Υ 03'32
evening rise	6182 Oct 17 12:20	7° \nearrow 37'27		6185 May 30 04:13	0° \searrow
	6182 Nov 04 16:13	0° \nearrow		6185 Jun 24 15:00	0° Π
desc. node	6182 Nov 26 00:10	26° \nearrow 15'08		6185 Jul 19 16:37	0° \searrow
	6182 Nov 29 01:18	0° \searrow		6185 Aug 13 13:26	0° Ω
	6182 Dec 23 11:19	0° \approx	asc. node	6185 Sep 02 19:59	24° Ω 36'28
	6183 Jan 16 22:48	0° \nearrow		6185 Sep 07 06:15	0° \nearrow
	6183 Feb 10 14:18	0° Υ		6185 Oct 01 18:50	0° \searrow
	6183 Mar 07 16:43	0° \searrow	morning set	6185 Oct 12 18:21	13° \searrow 29'54
asc. node	6183 Mar 19 00:49	13° \searrow 12'02		6185 Oct 26 03:27	0° \nearrow
	6183 Apr 02 21:58	0° Π	max. Earth dist.	6185 Nov 16 01:49	25° \nearrow 54'04 1.72724 AU
evening max el	6183 Apr 21 01:27	19° Π 12'03 46°45'29			
	6183 May 02 07:31	0° \searrow	superior conj	6185 Nov 18 11:10	28° \nearrow 51'51 1°11'29
greatest brilliancy	6183 May 30 12:41	19° \searrow 29'27 -4.8m	minimum elong	6185 Nov 18 20:09	29° \nearrow 19'42 1°11'15
retrograde	6183 Jun 10 06:35	21° \searrow 38'03		6185 Nov 19 09:09	0° \nearrow

	6185 Dec 13 12:57	0° Z		desc. node	6188 Jun 09 07:18	7° Z 22'21	
desc. node	6185 Dec 23 12:00	12° Z 23'30		morning max el	6188 Jun 26 05:13	22° Z 48'40	46°20'24
evening rise	6185 Dec 26 19:53	16° Z 32'04			6188 Jul 03 09:16	0° II	
	6186 Jan 06 15:25	0° \approx			6188 Jul 31 05:57	0° E	
	6186 Jan 30 16:49	0° H			6188 Aug 26 13:22	0° Ω	
	6186 Feb 23 18:13	0° Y			6188 Sep 21 02:34	0° M	
	6186 Mar 19 22:08	0° Z		asc. node	6188 Sep 30 08:04	10° M 59'46	
asc. node	6186 Apr 13 08:50	0° II			6188 Oct 16 03:17	0° $\underline{\text{A}}$	
	6186 Apr 15 12:44	2° II 37'39			6188 Nov 09 18:19	0° M	
	6186 May 08 08:52	0° E			6188 Dec 04 02:15	0° Z	
	6186 Jun 03 10:07	0° Ω		morning set	6188 Dec 21 09:26	21° Z 29'09	
evening max el	6186 Jun 30 22:03	29° Ω 02'47	45°53'23		6188 Dec 28 05:29	0° Z	
	6186 Jul 01 21:32	0° M		desc. node	6189 Jan 19 23:48	28° Z 26'38	
desc. node	6186 Aug 05 04:54	26° M 21'00			6189 Jan 21 05:38	0° \approx	
greatest brilliancy	6186 Aug 08 05:03	27° M 36'37	-4.7m	max. Earth dist.	6189 Jan 27 10:23	7° \approx 45'51	1.71483 AU
retrograde	6186 Aug 19 03:28	29° M 46'40					
evening set	6186 Sep 04 18:10	24° M 29'23		superior conj	6189 Jan 29 21:47	10° \approx 51'59	-0°23'45
inferior conj	6186 Sep 09 16:15	21° M 28'52	-7°09'33	minimum elong	6189 Jan 29 15:53	10° \approx 33'29	0°23'26
minimum elong	6186 Sep 09 07:03	21° M 43'17	7°08'04		6189 Feb 14 03:42	0° H	
min. Earth dist.	6186 Sep 09 07:40	21° M 42'19	0.29113 AU		6189 Mar 10 00:42	0° Y	
morning rise	6186 Sep 13 20:03	18° M 55'20		evening rise	6189 Mar 11 10:54	1° Y 47'28	
direct	6186 Oct 01 05:44	13° M 11'58			6189 Apr 02 22:17	0° Z	
greatest brilliancy	6186 Oct 11 11:17	15° M 05'36	-4.7m		6189 Apr 26 22:53	0° II	
	6186 Nov 04 08:37	0° $\underline{\text{A}}$		asc. node	6189 May 13 00:36	19° II 54'41	
morning max el	6186 Nov 19 08:38	13° $\underline{\text{A}}$ 34'59	45°55'08		6189 May 21 05:13	0° E	
asc. node	6186 Nov 26 05:47	20° $\underline{\text{A}}$ 26'15			6189 Jun 14 20:19	0° Ω	
	6186 Dec 05 09:25	0° M			6189 Jul 10 00:34	0° M	
	6187 Jan 01 04:53	0° Z			6189 Aug 05 03:11	0° $\underline{\text{A}}$	
	6187 Jan 26 12:49	0° Z		desc. node	6189 Sep 01 16:44	29° $\underline{\text{A}}$ 29'59	
	6187 Feb 20 03:56	0° \approx			6189 Sep 02 04:39	0° M	
	6187 Mar 16 10:21	0° H		evening max el	6189 Sep 09 20:02	7° M 30'03	45°36'46
desc. node	6187 Mar 17 21:39	1° H 49'39			6189 Oct 07 12:39	0° Z	
	6187 Apr 09 12:19	0° Y		greatest brilliancy	6189 Oct 19 00:55	5° Z 32'09	-4.7m
	6187 May 03 12:42	0° Z		retrograde	6189 Oct 28 10:43	7° Z 08'10	
morning set	6187 May 24 11:33	26° Z 08'59		evening set	6189 Nov 14 15:38	1° Z 34'53	
	6187 May 27 13:41	0° II			6189 Nov 17 06:20	30° R M	
	6187 Jun 20 16:43	0° E		inferior conj	6189 Nov 18 16:32	29° M 06'50	-7°17'36
				minimum elong	6189 Nov 19 01:53	28° M 52'14	7°16'01
superior conj	6187 Jul 02 03:06	14° E 10'12	-0°16'20	min. Earth dist.	6189 Nov 19 13:54	28° M 33'29	0.28391 AU
minimum elong	6187 Jul 02 06:49	14° E 21'41	0°16'11	morning rise	6189 Nov 23 11:42	26° M 11'08	
max. Earth dist.	6187 Jul 04 21:41	17° E 36'18	1.72761 AU	direct	6189 Dec 10 00:45	20° M 55'18	
asc. node	6187 Jul 08 22:12	22° E 34'48		greatest brilliancy	6189 Dec 21 04:38	23° M 13'06	-4.8m
	6187 Jul 14 22:17	0° Ω		asc. node	6189 Dec 23 17:29	24° M 18'30	
	6187 Aug 08 06:13	0° M			6190 Jan 02 11:18	0° Z	
evening rise	6187 Aug 08 14:28	0° M 25'23		morning max el	6190 Jan 29 06:58	23° Z 25'07	46°39'35
	6187 Sep 01 16:31	0° $\underline{\text{A}}$			6190 Feb 04 16:33	0° Z	
	6187 Sep 26 05:58	0° M			6190 Mar 03 18:54	0° \approx	
	6187 Oct 20 23:53	0° Z			6190 Mar 29 06:18	0° H	
desc. node	6187 Oct 28 14:21	9° Z 09'37		desc. node	6190 Apr 14 09:43	19° H 28'31	
	6187 Nov 14 23:45	0° Z			6190 Apr 23 01:18	0° Y	
	6187 Dec 10 07:52	0° \approx			6190 May 17 12:53	0° Z	
	6188 Jan 05 06:45	0° H			6190 Jun 10 21:51	0° II	
	6188 Feb 01 18:53	0° Y			6190 Jul 05 06:43	0° E	
evening max el	6188 Feb 05 08:19	3° Y 38'11	47°03'31		6190 Jul 29 16:09	0° Ω	
asc. node	6188 Feb 18 15:08	16° Y 21'41		morning set	6190 Aug 03 02:47	5° Ω 27'47	
	6188 Mar 07 04:50	0° Z		asc. node	6190 Aug 05 10:04	8° Ω 17'44	
greatest brilliancy	6188 Mar 16 23:22	4° Z 53'39	-4.9m		6190 Aug 23 01:36	0° M	
retrograde	6188 Mar 27 00:15	6° Z 48'15		max. Earth dist.	6190 Sep 08 12:10	20° M 14'15	1.73405 AU
evening set	6188 Apr 14 03:09	0° Z 29'03					
	6188 Apr 14 22:12	30° R Y		superior conj	6190 Sep 09 01:25	20° M 55'03	1°10'46
inferior conj	6188 Apr 16 17:04	28° Y 53'55	9°05'30	minimum elong	6190 Sep 08 16:52	20° M 28'45	1°10'32
minimum elong	6188 Apr 16 18:49	28° Y 51'13	9°05'26		6190 Sep 16 10:26	0° $\underline{\text{A}}$	
min. Earth dist.	6188 Apr 16 09:35	29° Y 05'29	0.27236 AU		6190 Oct 10 18:43	0° M	
morning rise	6188 Apr 19 10:36	27° Y 13'39		evening rise	6190 Oct 15 05:57	5° M 30'18	
direct	6188 May 07 09:14	21° Y 06'07			6190 Nov 04 03:14	0° Z	
greatest brilliancy	6188 May 16 17:16	22° Y 45'07	-4.9m	desc. node	6190 Nov 25 02:09	25° Z 46'35	
	6188 May 30 13:27	0° Z			6190 Nov 28 12:36	0° Z	

	6190 Dec 22 23:03	0°♊		asc. node	6193 Sep 01 22:06	24°♏09'12	
	6191 Jan 16 11:06	0°♋			6193 Sep 06 17:16	0°♎	
	6191 Feb 10 03:26	0°♌			6193 Oct 01 05:38	0°♍	
	6191 Mar 07 07:19	0°♍		morning set	6193 Oct 10 11:37	11°♌22'12	
asc. node	6191 Mar 18 02:54	12°♌33'05			6193 Oct 25 14:11	0°♌	
	6191 Apr 02 15:44	0°♎		max. Earth dist.	6193 Nov 13 20:16	23°♌49'13	1.72760 AU
evening max el	6191 Apr 18 14:45	16°♎48'48	46°47'07				
	6191 May 02 12:25	0°♏		superior conj	6193 Nov 16 03:28	26°♌40'17	1°13'17
greatest brilliancy	6191 May 28 05:17	17°♏13'55	-4.8m	minimum elong	6193 Nov 16 12:05	27°♌07'00	1°13'06
retrograde	6191 Jun 07 21:37	19°♏21'42			6193 Nov 18 19:54	0°♏	
evening set	6191 Jun 23 03:50	14°♏48'37			6193 Dec 12 23:47	0°♐	
inferior conj	6191 Jun 29 02:23	11°♏14'24	2°07'44	desc. node	6193 Dec 22 13:58	11°♐55'46	
minimum elong	6191 Jun 29 07:05	11°♏07'04	2°06'16	evening rise	6193 Dec 24 09:59	14°♐12'41	
min. Earth dist.	6191 Jun 28 20:22	11°♏23'47	0.28047 AU		6194 Jan 06 02:22	0°♊	
morning rise	6191 Jul 05 10:47	7°♏27'21			6194 Jan 30 03:57	0°♋	
desc. node	6191 Jul 07 19:01	6°♏15'44			6194 Feb 23 05:36	0°♌	
direct	6191 Jul 20 04:44	3°♏13'45			6194 Mar 19 09:53	0°♍	
greatest brilliancy	6191 Jul 30 02:10	5°♏00'03	-4.8m		6194 Apr 12 21:11	0°♎	
	6191 Sep 03 17:30	0°♏		asc. node	6194 Apr 14 14:43	2°♎06'00	
morning max el	6191 Sep 06 22:52	3°♏02'14	45°44'06		6194 May 07 22:18	0°♏	
	6191 Oct 03 05:29	0°♎			6194 Jun 03 01:53	0°♏	
asc. node	6191 Oct 28 19:56	28°♎40'00		evening max el	6194 Jun 28 14:41	26°♏52'37	45°54'50
	6191 Oct 29 23:43	0°♌			6194 Jul 01 20:14	0°♎	
	6191 Nov 24 12:01	0°♌		desc. node	6194 Aug 04 07:01	24°♎48'45	
	6191 Dec 19 07:01	0°♏		greatest brilliancy	6194 Aug 05 20:22	25°♎26'07	-4.7m
	6192 Jan 12 15:41	0°♐		retrograde	6194 Aug 16 20:10	27°♎37'02	
	6192 Feb 05 18:14	0°♊		evening set	6194 Sep 02 07:24	22°♎24'22	
desc. node	6192 Feb 17 11:44	14°♊40'23		inferior conj	6194 Sep 07 08:27	19°♎19'14	-6°58'18
	6192 Feb 29 17:08	0°♋		minimum elong	6194 Sep 06 23:00	19°♎34'04	6°56'42
morning set	6192 Mar 06 03:14	6°♋48'22		min. Earth dist.	6194 Sep 06 22:45	19°♎34'28	0.29092 AU
	6192 Mar 24 14:05	0°♌		morning rise	6194 Sep 11 14:48	16°♎41'59	
				direct	6194 Sep 28 22:23	11°♎02'59	
superior conj	6192 Apr 16 04:17	28°♌23'58	-1°27'12	greatest brilliancy	6194 Oct 09 01:44	12°♎54'55	-4.7m
minimum elong	6192 Apr 16 05:44	28°♌28'32	1°27'13		6194 Nov 04 14:27	0°♌	
	6192 Apr 17 10:52	0°♍		morning max el	6194 Nov 17 00:15	11°♌23'19	45°53'52
max. Earth dist.	6192 Apr 18 14:10	1°♍25'40	1.71365 AU	asc. node	6194 Nov 25 07:45	19°♌41'47	
	6192 May 11 09:27	0°♎			6194 Dec 05 02:38	0°♌	
evening rise	6192 May 26 10:48	18°♎46'49			6194 Dec 31 18:52	0°♏	
	6192 Jun 04 11:28	0°♏			6195 Jan 26 01:24	0°♐	
asc. node	6192 Jun 09 12:21	6°♏14'52			6195 Feb 19 15:47	0°♊	
	6192 Jun 28 18:01	0°♏			6195 Mar 15 21:46	0°♋	
	6192 Jul 23 06:03	0°♎		desc. node	6195 Mar 16 23:44	1°♋20'42	
	6192 Aug 17 01:22	0°♌			6195 Apr 08 23:27	0°♌	
	6192 Sep 11 07:27	0°♌			6195 May 02 23:37	0°♍	
desc. node	6192 Sep 29 04:28	20°♌45'52		morning set	6195 May 22 01:13	23°♌48'22	
	6192 Oct 07 06:43	0°♏			6195 May 27 00:27	0°♎	
	6192 Nov 03 13:08	0°♐			6195 Jun 20 03:23	0°♏	
evening max el	6192 Nov 20 23:35	17°♐46'15	46°16'04				
	6192 Dec 04 06:49	0°♊		superior conj	6195 Jun 29 18:21	11°♏55'46	-0°19'45
greatest brilliancy	6192 Dec 30 21:23	17°♊12'29	-4.8m	minimum elong	6195 Jun 29 22:49	12°♏09'37	0°19'34
retrograde	6193 Jan 09 14:46	18°♊58'33		max. Earth dist.	6195 Jul 02 17:39	15°♏36'32	1.72721 AU
asc. node	6193 Jan 20 05:20	16°♊42'04		asc. node	6195 Jul 08 00:15	22°♏08'15	
evening set	6193 Jan 23 23:40	14°♊54'13			6195 Jul 14 08:54	0°♏	
inferior conj	6193 Jan 30 06:05	11°♊15'10	2°33'51	evening rise	6195 Aug 06 07:52	28°♏18'26	
minimum elong	6193 Jan 30 00:19	11°♊23'57	2°32'05		6195 Aug 07 16:52	0°♎	
min. Earth dist.	6193 Jan 30 07:56	11°♊12'19	0.26846 AU		6195 Sep 01 03:19	0°♌	
morning rise	6193 Feb 05 00:37	7°♊51'13			6195 Sep 25 17:03	0°♌	
direct	6193 Feb 19 21:03	3°♊28'15			6195 Oct 20 11:26	0°♏	
greatest brilliancy	6193 Mar 02 03:02	5°♊27'41	-4.9m	desc. node	6195 Oct 27 16:17	8°♏40'04	
	6193 Apr 04 21:00	0°♋			6195 Nov 14 12:05	0°♐	
morning max el	6193 Apr 11 10:36	6°♋27'23	46°58'20		6195 Dec 09 21:28	0°♊	
	6193 May 03 12:49	0°♌			6196 Jan 04 22:42	0°♋	
desc. node	6193 May 11 21:33	9°♌23'28			6196 Feb 01 16:37	0°♌	
	6193 May 29 18:36	0°♍		evening max el	6196 Feb 02 22:28	1°♌15'38	47°02'46
	6193 Jun 24 03:55	0°♎		asc. node	6196 Feb 17 17:16	15°♌18'39	
	6193 Jul 19 04:38	0°♏			6196 Mar 08 23:00	0°♍	
	6193 Aug 13 00:51	0°♏		greatest brilliancy	6196 Mar 14 13:19	2°♌29'42	-4.9m

retrograde	6196 Mar 24 13:34	4°♄23'31		superior conj	6198 Sep 06 19:30	18°♍50'54	1°08'56
	6196 Apr 08 09:38	30°♈♂		minimum elong	6198 Sep 06 10:44	18°♍23'54	1°08'40
evening set	6196 Apr 11 16:23	28°♈05'16		max. Earth dist.	6198 Sep 06 07:25	18°♍13'42	1.73411 AU
inferior conj	6196 Apr 14 06:18	26°♈30'00	9°07'07		6198 Sep 15 20:51	0°♌	
minimum elong	6196 Apr 14 07:05	26°♈28'47	9°07'06		6198 Oct 10 05:14	0°♌	
min. Earth dist.	6196 Apr 13 22:20	26°♈42'20	0.27205 AU	evening rise	6198 Oct 12 23:32	3°♌24'08	
morning rise	6196 Apr 16 21:54	24°♈52'30			6198 Nov 03 13:58	0°♌	
direct	6196 May 04 22:13	18°♈42'55		desc. node	6198 Nov 24 04:05	25°♌18'46	
greatest brilliancy	6196 May 14 05:42	20°♈21'10	-4.9m		6198 Nov 27 23:39	0°♌	
	6196 May 31 11:09	0°♌			6198 Dec 22 10:30	0°♌	
desc. node	6196 Jun 08 09:15	6°♌17'12			6199 Jan 15 23:06	0°♌	
morning max el	6196 Jun 23 17:59	20°♌26'23	46°21'57		6199 Feb 09 16:18	0°♈	
	6196 Jul 03 05:07	0°♌			6199 Mar 06 21:42	0°♌	
	6196 Jul 30 20:55	0°♌		asc. node	6199 Mar 17 04:50	11°♌54'30	
	6196 Aug 26 02:17	0°♌			6199 Apr 02 09:31	0°♌	
	6196 Sep 20 14:26	0°♌		evening max el	6199 Apr 16 04:33	14°♌27'56	46°48'47
asc. node	6196 Sep 29 09:59	10°♌30'53			6199 May 02 18:53	0°♌	
	6196 Oct 15 14:32	0°♌		greatest brilliancy	6199 May 25 21:20	14°♌58'43	-4.8m
	6196 Nov 09 05:13	0°♌		retrograde	6199 Jun 05 13:07	17°♌06'24	
	6196 Dec 03 12:59	0°♌		evening set	6199 Jun 20 20:43	12°♌30'36	
morning set	6196 Dec 18 23:54	19°♌11'31		inferior conj	6199 Jun 26 17:22	8°♌59'26	2°28'48
	6196 Dec 27 16:09	0°♌		minimum elong	6199 Jun 26 22:48	8°♌50'59	2°27'08
desc. node	6197 Jan 19 01:51	27°♌59'33		min. Earth dist.	6199 Jun 26 11:55	9°♌07'56	0.28011 AU
	6197 Jan 20 16:20	0°♌		morning rise	6199 Jul 03 01:18	5°♌13'21	
max. Earth dist.	6197 Jan 24 17:51	5°♌05'20	1.71520 AU	desc. node	6199 Jul 06 21:06	3°♌21'23	
				direct	6199 Jul 17 18:54	0°♌59'05	
superior conj	6197 Jan 27 09:26	8°♌24'30	-0°20'00	greatest brilliancy	6199 Jul 27 16:58	2°♌46'09	-4.8m
minimum elong	6197 Jan 27 04:26	8°♌08'51	0°19'44		6199 Sep 03 16:49	0°♌	
	6197 Feb 13 14:28	0°♌		morning max el	6199 Sep 04 14:22	0°♌51'14	45°44'47
evening rise	6197 Mar 08 21:35	29°♌16'13			6199 Oct 02 21:09	0°♌	
	6197 Mar 09 11:32	0°♈		asc. node	6199 Oct 27 21:56	28°♌07'43	
	6197 Apr 02 09:11	0°♌			6199 Oct 29 12:50	0°♌	
	6197 Apr 26 09:54	0°♌			6199 Nov 23 24:00	0°♌	
asc. node	6197 May 12 02:31	19°♌26'08			6199 Dec 18 18:26	0°♌	
	6197 May 20 16:29	0°♌			6200 Jan 12 02:49	0°♌	
	6197 Jun 14 08:04	0°♌			6200 Feb 05 05:13	0°♌	
	6197 Jul 09 13:15	0°♌		desc. node	6200 Feb 16 13:46	14°♌12'36	
	6197 Aug 04 17:50	0°♌			6200 Mar 01 04:00	0°♌	
desc. node	6197 Aug 31 18:44	28°♌45'38		morning set	6200 Mar 04 13:16	4°♌15'05	
	6197 Sep 02 00:36	0°♌			6200 Mar 25 00:52	0°♈	
evening max el	6197 Sep 07 09:37	5°♌14'27	45°36'13				
	6197 Oct 09 00:03	0°♌		superior conj	6200 Apr 14 15:16	25°♈53'57	-1°27'21
greatest brilliancy	6197 Oct 16 15:18	3°♌19'07	-4.7m	minimum elong	6200 Apr 14 15:39	25°♈55'09	1°27'23
retrograde	6197 Oct 26 01:02	4°♌55'27		max. Earth dist.	6200 Apr 16 20:59	28°♈42'37	1.71337 AU
	6197 Nov 11 03:54	30°♌♌			6200 Apr 17 21:37	0°♌	
evening set	6197 Nov 12 09:18	29°♌17'33			6200 May 11 20:12	0°♌	
inferior conj	6197 Nov 16 07:43	26°♌53'14	-7°28'13	evening rise	6200 May 24 23:22	16°♌23'04	
minimum elong	6197 Nov 16 16:42	26°♌39'13	7°26'49		6200 Jun 04 22:14	0°♌	
min. Earth dist.	6197 Nov 17 04:58	26°♌20'06	0.28453 AU	asc. node	6200 Jun 09 14:26	5°♌47'52	
morning rise	6197 Nov 20 23:40	24°♌02'07			6200 Jun 29 04:53	0°♌	
direct	6197 Dec 07 15:46	18°♌40'45			6200 Jul 23 17:09	0°♌	
greatest brilliancy	6197 Dec 18 20:47	20°♌59'04	-4.8m		6200 Aug 17 12:56	0°♌	
asc. node	6197 Dec 22 19:30	22°♌45'23			6200 Sep 11 19:56	0°♌	
	6198 Jan 03 06:28	0°♌		desc. node	6200 Sep 29 06:24	20°♌12'37	
morning max el	6198 Jan 26 21:12	21°♌05'19	46°38'10		6200 Oct 07 20:56	0°♌	
	6198 Feb 04 11:57	0°♌			6200 Nov 04 07:17	0°♌	
	6198 Mar 03 09:54	0°♌		evening max el	6200 Nov 19 14:15	15°♌29'20	46°14'05
	6198 Mar 28 19:28	0°♌			6200 Dec 05 15:26	0°♌	
desc. node	6198 Apr 13 11:34	18°♌56'18		greatest brilliancy	6200 Dec 29 09:51	14°♌47'32	-4.8m
	6198 Apr 22 13:29	0°♈		retrograde	6201 Jan 08 03:48	16°♌33'29	
	6198 May 17 00:26	0°♌		asc. node	6201 Jan 20 07:28	13°♌35'35	
	6198 Jun 10 08:58	0°♌		evening set	6201 Jan 22 11:50	12°♌29'54	
	6198 Jul 04 17:31	0°♌		inferior conj	6201 Jan 28 18:44	8°♌49'50	2°10'22
	6198 Jul 29 02:44	0°♌		minimum elong	6201 Jan 28 13:49	8°♌57'21	2°08'50
morning set	6198 Jul 31 19:47	3°♌20'06		min. Earth dist.	6201 Jan 28 21:27	8°♌45'41	0.26868 AU
asc. node	6198 Aug 04 12:10	7°♌51'51		morning rise	6201 Feb 03 15:30	5°♌23'01	
	6198 Aug 22 12:03	0°♌		direct	6201 Feb 18 10:46	1°♌02'34	

greatest brilliancy	6201 Feb 28 16:49	3°≈02'26	-4.9m	desc. node	6203 Oct 27 18:17	8°♂10'24	
	6201 Apr 05 22:05	0°♂			6203 Nov 15 00:34	0°♂	
morning max el	6201 Apr 10 00:55	4°♂05'29	46°58'42		6203 Dec 10 11:17	0°≈	
	6201 May 04 05:43	0°♀			6204 Jan 05 15:03	0°♂	
desc. node	6201 May 11 23:36	8°♀44'29		evening max el	6204 Feb 01 11:26	28°♂49'35	47°01'41
	6201 May 30 08:40	0°♂			6204 Feb 02 15:27	0°♀	
	6201 Jun 24 16:34	0°♂		asc. node	6204 Feb 17 19:07	14°♀12'35	
	6201 Jul 19 16:25	0°♂			6204 Mar 12 22:29	0°♂	
	6201 Aug 13 12:04	0°♂		greatest brilliancy	6204 Mar 13 03:26	0°♂04'31	-4.9m
asc. node	6201 Sep 02 00:02	23°♂41'49		retrograde	6204 Mar 23 02:15	1°♂57'10	
	6201 Sep 07 04:07	0°♂			6204 Apr 01 20:38	30°♀	
	6201 Oct 01 16:17	0°♂		evening set	6204 Apr 10 04:46	25°♀40'41	
morning set	6201 Oct 09 05:13	9°♂16'05		inferior conj	6204 Apr 12 19:20	24°♀04'25	9°07'42
	6201 Oct 26 00:45	0°♂		minimum elong	6204 Apr 12 19:07	24°♀04'44	9°07'41
max. Earth dist.	6201 Nov 12 14:10	21°♂43'13	1.72797 AU	min. Earth dist.	6204 Apr 12 11:18	24°♀16'52	0.27179 AU
				morning rise	6204 Apr 15 09:34	22°♀28'51	
superior conj	6201 Nov 14 20:06	24°♂30'16	1°14'57	direct	6204 May 03 10:27	16°♀17'39	
minimum elong	6201 Nov 15 04:19	24°♂55'43	1°14'48	greatest brilliancy	6204 May 12 18:42	17°♀56'04	-4.9m
	6201 Nov 19 06:31	0°♂			6204 Jun 02 03:57	0°♂	
	6201 Dec 13 10:31	0°♂		desc. node	6204 Jun 08 11:20	5°♂12'38	
desc. node	6201 Dec 22 16:04	11°♂28'39		morning max el	6204 Jun 22 06:18	18°♂01'30	46°23'42
evening rise	6201 Dec 23 00:09	11°♂53'47			6204 Jul 04 00:50	0°♂	
	6202 Jan 06 13:18	0°≈			6204 Jul 31 12:00	0°♂	
	6202 Jan 30 15:07	0°♂			6204 Aug 26 15:23	0°♂	
	6202 Feb 23 17:04	0°♀			6204 Sep 21 02:28	0°♂	
	6202 Mar 19 21:44	0°♂		asc. node	6204 Sep 29 11:55	10°♂01'26	
	6202 Apr 13 09:37	0°♂			6204 Oct 16 01:57	0°♂	
asc. node	6202 Apr 14 16:39	1°♂34'01			6204 Nov 09 16:19	0°♂	
	6202 May 08 11:51	0°♂			6204 Dec 03 23:55	0°♂	
	6202 Jun 03 17:53	0°♂		morning set	6204 Dec 17 14:52	16°♂54'49	
evening max el	6202 Jun 27 07:03	24°♂41'52	45°56'23		6204 Dec 28 03:03	0°♂	
	6202 Jul 02 19:51	0°♂		desc. node	6205 Jan 19 03:52	27°♂31'38	
desc. node	6202 Aug 04 09:02	23°♂13'35			6205 Jan 21 03:16	0°≈	
greatest brilliancy	6202 Aug 04 12:30	23°♂16'52	-4.7m	max. Earth dist.	6205 Jan 23 04:47	2°≈35'02	1.71559 AU
retrograde	6202 Aug 15 12:34	25°♂27'48					
evening set	6202 Aug 31 20:52	20°♂19'49		superior conj	6205 Jan 25 21:38	5°≈58'07	-0°16'16
min. Earth dist.	6202 Sep 05 14:21	17°♂26'38	0.29067 AU	minimum elong	6205 Jan 25 17:33	5°≈45'20	0°16'01
inferior conj	6202 Sep 06 00:48	17°♂10'13	-6°46'34	behind sun begin	6205 Jan 25 13:28	5°≈32'34	
minimum elong	6202 Sep 05 15:10	17°♂25'21	6°44'50	behind sun end	6205 Jan 25 21:37	5°≈58'06	
morning rise	6202 Sep 10 09:42	14°♂29'03			6205 Feb 14 01:28	0°♂	
direct	6202 Sep 27 14:55	8°♂54'39		evening rise	6205 Mar 07 08:42	26°♂45'37	
greatest brilliancy	6202 Oct 07 16:31	10°♂44'55	-4.7m		6205 Mar 09 22:36	0°♀	
	6202 Nov 05 18:11	0°♂			6205 Apr 02 20:22	0°♂	
morning max el	6202 Nov 15 15:06	9°♂10'05	45°52'42		6205 Apr 26 21:16	0°♂	
asc. node	6202 Nov 25 09:47	18°♂58'23		asc. node	6205 May 12 04:35	18°♂56'52	
	6202 Dec 05 19:26	0°♂			6205 May 21 04:10	0°♂	
	6203 Jan 01 08:41	0°♂			6205 Jun 14 20:16	0°♂	
	6203 Jan 26 13:57	0°♂			6205 Jul 10 02:26	0°♂	
	6203 Feb 20 03:41	0°≈			6205 Aug 05 09:05	0°♂	
	6203 Mar 16 09:19	0°♂		desc. node	6205 Aug 31 20:39	27°♂59'28	
desc. node	6203 Mar 17 01:37	0°♂50'40			6205 Sep 02 21:37	0°♂	
	6203 Apr 09 10:46	0°♀		evening max el	6205 Sep 05 23:33	2°♂58'52	45°35'59
	6203 May 03 10:44	0°♂			6205 Oct 12 07:14	0°♂	
morning set	6203 May 20 14:21	21°♂25'28		greatest brilliancy	6205 Oct 15 05:16	1°♂05'16	-4.7m
	6203 May 27 11:23	0°♂		retrograde	6205 Oct 24 15:59	2°♂42'39	
	6203 Jun 20 14:11	0°♂			6205 Nov 05 10:23	30°♂	
				evening set	6205 Nov 11 03:03	27°♂00'00	
superior conj	6203 Jun 28 09:17	9°♂40'00	-0°23'10	inferior conj	6205 Nov 14 23:05	24°♂39'21	-7°38'09
minimum elong	6203 Jun 28 14:30	9°♂56'10	0°22'57	minimum elong	6205 Nov 15 07:39	24°♂26'00	7°36'54
max. Earth dist.	6203 Jul 01 12:57	13°♂34'22	1.72673 AU	min. Earth dist.	6205 Nov 15 19:55	24°♂06'54	0.28513 AU
asc. node	6203 Jul 08 02:16	21°♂41'13		morning rise	6205 Nov 19 11:51	21°♂53'00	
	6203 Jul 14 19:39	0°♂		direct	6205 Dec 06 07:17	16°♂25'51	
evening rise	6203 Aug 05 01:09	26°♂10'47		greatest brilliancy	6205 Dec 17 12:54	18°♂44'44	-4.8m
	6203 Aug 08 03:39	0°♂		asc. node	6205 Dec 22 21:34	21°♂15'03	
	6203 Sep 01 14:15	0°♂			6206 Jan 04 21:00	0°♂	
	6203 Sep 26 04:15	0°♂		morning max el	6206 Jan 25 12:39	18°♂48'01	46°36'50
	6203 Oct 20 23:08	0°♂			6206 Feb 05 07:06	0°♂	

	6206 Mar 04 00:57	0°♊		desc. node	6208 Sep 28 08:26	19°♎38'30	
	6206 Mar 29 08:48	0°♋			6208 Oct 07 11:42	0°♌	
desc. node	6206 Apr 13 13:38	18°♋24'00			6208 Nov 04 02:16	0°♍	
	6206 Apr 23 01:53	0°♎		evening max el	6208 Nov 17 05:11	13°♍12'22	46°12'12
	6206 May 17 12:17	0°♏			6208 Dec 06 03:26	0°♎	
	6206 Jun 10 20:25	0°♐		greatest brilliancy	6208 Dec 26 22:53	12°♎23'04	-4.8m
	6206 Jul 05 04:42	0°♑		retrograde	6209 Jan 05 16:38	14°♎08'09	
	6206 Jul 29 13:43	0°♒		asc. node	6209 Jan 19 09:21	10°♎25'00	
morning set	6206 Jul 30 12:29	1°♒10'03		evening set	6209 Jan 20 00:27	10°♎05'15	
asc. node	6206 Aug 04 14:05	7°♒24'07		inferior conj	6209 Jan 26 07:35	6°♎24'25	1°46'48
	6206 Aug 22 22:53	0°♓		minimum elong	6209 Jan 26 03:31	6°♎30'38	1°45'31
max. Earth dist.	6206 Sep 05 03:55	16°♓15'49	1.73410 AU	min. Earth dist.	6209 Jan 26 11:21	6°♎18'39	0.26893 AU
				morning rise	6209 Feb 01 06:19	2°♎54'42	
superior conj	6206 Sep 05 13:16	16°♓44'36	1°06'58		6209 Feb 07 19:09	30°♎	
minimum elong	6206 Sep 05 04:18	16°♓17'00	1°06'41	direct	6209 Feb 16 00:28	28°♎36'48	
	6206 Sep 16 07:38	0°♏			6209 Feb 24 12:02	0°♎	
	6206 Oct 10 16:06	0°♐		greatest brilliancy	6209 Feb 26 06:58	0°♎37'02	-4.9m
evening rise	6206 Oct 11 17:05	1°♐16'55			6209 Apr 05 22:16	0°♋	
	6206 Nov 04 01:02	0°♌		morning max el	6209 Apr 07 14:42	1°♋41'25	46°58'57
desc. node	6206 Nov 24 06:11	24°♌50'23			6209 May 03 22:33	0°♎	
	6206 Nov 28 11:03	0°♍		desc. node	6209 May 11 01:37	8°♎05'05	
	6206 Dec 22 22:20	0°♎			6209 May 29 22:50	0°♏	
	6207 Jan 16 11:30	0°♋			6209 Jun 24 05:20	0°♐	
	6207 Feb 10 05:34	0°♎			6209 Jul 19 04:21	0°♑	
	6207 Mar 07 12:34	0°♏			6209 Aug 12 23:28	0°♒	
asc. node	6207 Mar 17 06:50	11°♏14'58		asc. node	6209 Sep 01 01:59	23°♒13'52	
	6207 Apr 03 04:01	0°♐			6209 Sep 06 15:11	0°♓	
evening max el	6207 Apr 14 19:15	12°♐08'33	46°50'22		6209 Oct 01 03:10	0°♏	
	6207 May 04 04:18	0°♑		morning set	6209 Oct 06 22:41	7°♏08'49	
greatest brilliancy	6207 May 24 12:50	12°♑41'56	-4.8m		6209 Oct 25 11:35	0°♐	
retrograde	6207 Jun 04 04:57	14°♑49'56		max. Earth dist.	6209 Nov 10 05:40	19°♐29'06	1.72833 AU
evening set	6207 Jun 19 13:44	10°♑11'14					
inferior conj	6207 Jun 25 08:18	6°♑43'08	2°49'46	superior conj	6209 Nov 12 12:44	22°♐19'33	1°16'31
minimum elong	6207 Jun 25 14:26	6°♑33'36	2°47'55	minimum elong	6209 Nov 12 20:29	22°♐43'35	1°16'22
min. Earth dist.	6207 Jun 25 03:06	6°♑51'12	0.27981 AU		6209 Nov 18 17:22	0°♌	
morning rise	6207 Jul 01 15:35	2°♑58'23			6209 Dec 12 21:28	0°♍	
desc. node	6207 Jul 06 23:06	0°♑30'25		evening rise	6209 Dec 20 14:18	9°♍34'18	
	6207 Jul 08 10:01	30°♒		desc. node	6209 Dec 21 18:01	11°♍00'25	
direct	6207 Jul 16 09:34	28°♒43'07			6210 Jan 06 00:24	0°♎	
	6207 Jul 24 17:25	0°♑			6210 Jan 30 02:28	0°♋	
greatest brilliancy	6207 Jul 26 07:17	0°♑30'23	-4.8m		6210 Feb 23 04:43	0°♎	
morning max el	6207 Sep 03 06:37	28°♑40'45	45°45'26		6210 Mar 19 09:47	0°♏	
	6207 Sep 04 15:39	0°♒			6210 Apr 12 22:18	0°♐	
	6207 Oct 03 13:00	0°♓		asc. node	6210 Apr 13 18:44	1°♐01'51	
asc. node	6207 Oct 28 00:01	27°♓34'47			6210 May 08 01:41	0°♑	
	6207 Oct 30 02:14	0°♏			6210 Jun 03 10:19	0°♒	
	6207 Nov 24 12:15	0°♐		evening max el	6210 Jun 24 22:42	22°♒28'54	45°57'57
	6207 Dec 19 06:07	0°♌			6210 Jul 02 20:47	0°♓	
	6208 Jan 12 14:13	0°♍		greatest brilliancy	6210 Aug 02 04:58	21°♓07'41	-4.7m
	6208 Feb 05 16:27	0°♎		desc. node	6210 Aug 03 10:54	21°♓34'39	
desc. node	6208 Feb 16 15:38	13°♎43'23		retrograde	6210 Aug 13 04:36	23°♓18'24	
	6208 Feb 29 15:08	0°♋		evening set	6210 Aug 29 10:27	18°♓14'54	
morning set	6208 Mar 01 23:36	1°♋41'52		inferior conj	6210 Sep 03 17:13	15°♓01'06	-6°34'13
	6208 Mar 24 11:57	0°♎		minimum elong	6210 Sep 03 07:27	15°♓16'28	6°32'22
				min. Earth dist.	6210 Sep 03 06:23	15°♓18'08	0.29044 AU
superior conj	6208 Apr 12 02:27	23°♎23'32	-1°27'21	morning rise	6210 Sep 08 04:40	12°♓15'56	
minimum elong	6208 Apr 12 01:44	23°♎21'17	1°27'21	direct	6210 Sep 25 06:57	6°♓46'05	
max. Earth dist.	6208 Apr 14 06:15	26°♎06'16	1.71308 AU	greatest brilliancy	6210 Oct 05 07:57	8°♓35'16	-4.7m
	6208 Apr 17 08:40	0°♏			6210 Nov 05 20:32	0°♏	
	6208 May 11 07:12	0°♐		morning max el	6210 Nov 13 05:29	6°♏55'12	45°51'32
evening rise	6208 May 22 12:03	13°♐58'52		asc. node	6210 Nov 24 11:48	18°♏15'00	
	6208 Jun 04 09:16	0°♑			6210 Dec 05 12:06	0°♐	
asc. node	6208 Jun 08 16:27	5°♑19'51			6210 Dec 31 22:32	0°♌	
	6208 Jun 28 16:02	0°♒			6211 Jan 26 02:33	0°♍	
	6208 Jul 23 04:35	0°♓			6211 Feb 19 15:39	0°♎	
	6208 Aug 17 00:54	0°♏			6211 Mar 15 20:53	0°♋	
	6208 Sep 11 08:51	0°♐		desc. node	6211 Mar 16 03:41	0°♋21'10	

	6211 Apr 08 22:05	0°♃			6213 Oct 17 02:13	0°♁	
	6211 May 02 21:52	0°♄		retrograde	6213 Oct 22 07:22	0°♁30'42	
morning set	6211 May 18 03:16	19°♄01'36			6213 Oct 27 09:18	30°♄♂	
	6211 May 26 22:22	0°♂		evening set	6213 Nov 08 20:42	24°♄43'30	
	6211 Jun 20 01:03	0°♄		inferior conj	6213 Nov 12 14:27	22°♄26'15	-7°47'17
				minimum elong	6213 Nov 12 22:34	22°♄13'37	7°46'11
superior conj	6211 Jun 26 00:11	7°♄23'52	-0°26'34	min. Earth dist.	6213 Nov 13 10:26	21°♄55'09	0.28573 AU
minimum elong	6211 Jun 26 06:07	7°♄42'15	0°26'19	morning rise	6213 Nov 17 00:05	19°♄44'43	
max. Earth dist.	6211 Jun 29 05:50	11°♄24'26	1.72622 AU	direct	6213 Dec 03 23:21	14°♄12'01	
asc. node	6211 Jul 07 04:12	21°♄13'44		greatest brilliancy	6213 Dec 15 04:25	16°♄30'44	-4.8m
	6211 Jul 14 06:27	0°♂		asc. node	6213 Dec 21 23:28	19°♄48'24	
evening rise	6211 Aug 02 18:25	24°♂02'53			6214 Jan 05 07:29	0°♁	
	6211 Aug 07 14:28	0°♄		morning max el	6214 Jan 23 04:47	16°♁33'16	46°35'15
	6211 Sep 01 01:11	0°♂			6214 Feb 05 01:33	0°♄	
	6211 Sep 25 15:30	0°♄			6214 Mar 03 15:41	0°♄	
	6211 Oct 20 10:54	0°♁			6214 Mar 28 21:55	0°♄	
desc. node	6211 Oct 26 20:21	7°♁40'43		desc. node	6214 Apr 12 15:43	17°♁52'16	
	6211 Nov 14 13:12	0°♄			6214 Apr 22 14:05	0°♃	
	6211 Dec 10 01:21	0°♄			6214 May 16 23:53	0°♄	
	6212 Jan 05 07:47	0°♄			6214 Jun 10 07:38	0°♂	
evening max el	6212 Jan 29 23:57	26°♁22'18	47°00'46		6214 Jul 04 15:37	0°♄	
	6212 Feb 02 15:22	0°♃		morning set	6214 Jul 28 05:02	29°♄00'20	
asc. node	6212 Feb 16 21:09	13°♃05'10			6214 Jul 29 00:25	0°♂	
greatest brilliancy	6212 Mar 10 17:25	27°♃39'09	-4.9m	asc. node	6214 Aug 03 16:04	6°♂57'23	
retrograde	6212 Mar 20 14:59	29°♃31'07			6214 Aug 22 09:28	0°♄	
evening set	6212 Apr 07 16:32	23°♃17'02					
inferior conj	6212 Apr 10 08:22	21°♃38'59	9°07'12	superior conj	6214 Sep 03 07:00	14°♄38'51	1°04'54
minimum elong	6212 Apr 10 07:11	21°♃40'50	9°07'10	minimum elong	6214 Sep 02 21:53	14°♄10'48	1°04'36
min. Earth dist.	6212 Apr 10 00:17	21°♃51'30	0.27154 AU	max. Earth dist.	6214 Sep 03 01:36	14°♄22'13	1.73408 AU
morning rise	6212 Apr 12 21:54	20°♃04'30			6214 Sep 15 18:11	0°♂	
direct	6212 Apr 30 22:31	13°♃52'19		evening rise	6214 Oct 09 10:47	29°♂10'56	
greatest brilliancy	6212 May 10 07:56	15°♃31'28	-4.9m		6214 Oct 10 02:44	0°♄	
	6212 Jun 02 16:24	0°♄			6214 Nov 03 11:51	0°♁	
desc. node	6212 Jun 07 13:20	4°♄09'47		desc. node	6214 Nov 23 08:09	24°♁22'30	
morning max el	6212 Jun 19 19:16	15°♄38'19	46°25'26		6214 Nov 27 22:10	0°♄	
	6212 Jul 03 19:54	0°♂			6214 Dec 22 09:52	0°♄	
	6212 Jul 31 02:49	0°♄			6215 Jan 15 23:40	0°♄	
	6212 Aug 26 04:18	0°♂			6215 Feb 09 18:42	0°♃	
	6212 Sep 20 14:20	0°♄			6215 Mar 07 03:24	0°♄	
asc. node	6212 Sep 28 14:03	9°♄33'00		asc. node	6215 Mar 16 08:54	10°♄35'46	
	6212 Oct 15 13:15	0°♂			6215 Apr 02 22:50	0°♂	
	6212 Nov 09 03:17	0°♄		evening max el	6215 Apr 12 10:50	9°♄51'47	46°51'57
	6212 Dec 03 10:46	0°♁			6215 May 04 16:48	0°♄	
morning set	6212 Dec 15 05:52	14°♁38'29		greatest brilliancy	6215 May 22 04:19	10°♄25'25	-4.8m
	6212 Dec 27 13:53	0°♄		retrograde	6215 Jun 01 20:45	12°♄33'20	
desc. node	6213 Jan 18 05:49	27°♄03'43		evening set	6215 Jun 17 06:48	7°♄51'51	
max. Earth dist.	6213 Jan 20 16:55	0°♄08'40	1.71601 AU	inferior conj	6215 Jun 22 23:03	4°♄26'52	3°10'36
	6213 Jan 20 14:09	0°♄		minimum elong	6215 Jun 23 05:51	4°♄16'17	3°08'33
				min. Earth dist.	6215 Jun 22 17:56	4°♄34'48	0.27946 AU
superior conj	6213 Jan 23 09:36	3°♄31'11	-0°12'28	morning rise	6215 Jun 29 05:28	0°♄43'41	
minimum elong	6213 Jan 23 06:28	3°♄21'22	0°12'17		6215 Jun 30 14:52	30°♄♂	
behind sun begin	6213 Jan 22 13:40	2°♄28'45		desc. node	6215 Jul 06 01:02	27°♄44'17	
behind sun end	6213 Jan 23 23:16	4°♄14'00		direct	6215 Jul 14 00:25	26°♄27'29	
	6213 Feb 13 12:24	0°♄		greatest brilliancy	6215 Jul 23 20:53	28°♄14'13	-4.8m
evening rise	6213 Mar 04 19:35	24°♄14'32			6215 Jul 28 04:57	0°♄	
	6213 Mar 09 09:35	0°♃		morning max el	6215 Aug 31 22:34	26°♄30'23	45°46'03
	6213 Apr 02 07:27	0°♄			6215 Sep 04 13:14	0°♂	
	6213 Apr 26 08:31	0°♂			6215 Oct 03 04:16	0°♄	
asc. node	6213 May 11 06:35	18°♄27'49		asc. node	6215 Oct 27 01:55	27°♄02'25	
	6213 May 20 15:43	0°♄			6215 Oct 29 15:11	0°♂	
	6213 Jun 14 08:21	0°♂			6215 Nov 24 00:07	0°♄	
	6213 Jul 09 15:32	0°♄			6215 Dec 18 17:27	0°♁	
	6213 Aug 05 00:24	0°♂			6216 Jan 12 01:15	0°♄	
desc. node	6213 Aug 30 22:46	27°♂13'41			6216 Feb 05 03:20	0°♄	
	6213 Sep 02 19:10	0°♄		desc. node	6216 Feb 15 17:45	13°♄16'01	
evening max el	6213 Sep 03 14:26	0°♄46'14	45°35'52	morning set	6216 Feb 28 10:06	29°♄10'19	
greatest brilliancy	6213 Oct 12 18:34	28°♄51'37	-4.7m		6216 Feb 29 01:56	0°♄	

	6216 Mar 23 22:43	0°Υ		minimum elong	6218 Aug 31 23:46	13°Π08'10	6°19'13
				min. Earth dist.	6218 Aug 31 22:40	13°Π09'54	0.29019 AU
superior conj	6216 Apr 09 13:22	20°Υ53'10 -1°27'08		morning rise	6218 Sep 05 23:39	10°Π03'32	
minimum elong	6216 Apr 09 11:33	20°Υ47'26 1°27'09		direct	6218 Sep 22 22:35	4°Π37'59	
max. Earth dist.	6216 Apr 11 15:32	23°Υ30'49 1.71284 AU		greatest brilliancy	6218 Oct 03 00:01	6°Π27'02	-4.7m
	6216 Apr 16 19:25	0°Ϡ			6218 Nov 05 21:08	0°ϡ	
	6216 May 10 17:58	0°Π		morning max el	6218 Nov 10 19:47	4°ϡ41'00	45°50'28
evening rise	6216 May 20 00:08	11°Π33'27		asc. node	6218 Nov 23 13:46	17°ϡ32'56	
	6216 Jun 03 20:03	0°ϣ			6218 Dec 05 04:08	0°Π	
asc. node	6216 Jun 07 18:20	4°ϣ52'15			6218 Dec 31 11:58	0°Ϡ	
	6216 Jun 28 02:55	0°Ω			6219 Jan 25 14:50	0°ϣ	
	6216 Jul 22 15:44	0°Π			6219 Feb 19 03:18	0°≈	
	6216 Aug 16 12:36	0°ϡ		desc. node	6219 Mar 15 05:43	29°≈52'21	
	6216 Sep 10 21:33	0°Π			6219 Mar 15 08:11	0°Ϡ	
desc. node	6216 Sep 27 10:29	19°Π05'07			6219 Apr 08 09:07	0°Υ	
	6216 Oct 07 02:20	0°Ϡ			6219 May 02 08:41	0°Ϡ	
	6216 Nov 03 21:24	0°ϣ		morning set	6219 May 15 16:23	16°Ϡ39'11	
evening max el	6216 Nov 14 19:41	10°ϣ55'31 46°10'18			6219 May 26 09:02	0°Π	
	6216 Dec 06 18:46	0°≈			6219 Jun 19 11:38	0°ϣ	
greatest brilliancy	6216 Dec 24 12:38	10°≈00'57 -4.8m					
retrograde	6217 Jan 03 05:02	11°≈44'34		superior conj	6219 Jun 23 15:12	5°ϣ08'52	-0°29'54
evening set	6217 Jan 17 13:26	7°≈42'06		minimum elong	6219 Jun 23 21:49	5°ϣ29'24	0°29'38
asc. node	6217 Jan 18 11:21	7°≈12'25		max. Earth dist.	6219 Jun 26 21:14	9°ϣ10'45	1.72576 AU
inferior conj	6217 Jan 23 20:36	4°≈01'01 1°23'08		asc. node	6219 Jul 06 06:14	20°ϣ47'20	
minimum elong	6217 Jan 23 17:25	4°≈05'53 1°22'09			6219 Jul 13 17:00	0°Ω	
min. Earth dist.	6217 Jan 24 01:44	3°≈53'08 0.26917 AU		evening rise	6219 Jul 31 11:37	21°Ω55'29	
morning rise	6217 Jan 29 21:03	0°≈28'28			6219 Aug 07 01:05	0°Π	
	6217 Jan 30 18:35	30°κϣ			6219 Aug 31 11:58	0°ϡ	
direct	6217 Feb 13 13:53	26°ϣ12'57			6219 Sep 25 02:34	0°Π	
greatest brilliancy	6217 Feb 23 21:44	28°ϣ14'03 -4.9m			6219 Oct 19 22:31	0°Ϡ	
	6217 Feb 27 23:12	0°≈		desc. node	6219 Oct 25 22:17	7°Ϡ11'06	
morning max el	6217 Apr 05 03:29	29°≈16'03 46°59'04			6219 Nov 14 01:43	0°ϣ	
	6217 Apr 05 20:52	0°Ϡ			6219 Dec 09 15:22	0°≈	
	6217 May 03 14:41	0°Υ			6220 Jan 05 00:41	0°Ϡ	
desc. node	6217 May 10 03:35	7°Υ26'58		evening max el	6220 Jan 27 12:47	23°Ϡ56'28	46°59'49
	6217 May 29 12:32	0°Ϡ			6220 Feb 02 16:14	0°Υ	
	6217 Jun 23 17:46	0°Π		asc. node	6220 Feb 15 23:16	11°Υ56'30	
	6217 Jul 18 15:59	0°ϣ		greatest brilliancy	6220 Mar 08 06:56	25°Υ13'43	-4.9m
	6217 Aug 12 10:33	0°Ω		retrograde	6220 Mar 18 04:10	27°Υ05'52	
asc. node	6217 Aug 31 04:06	22°Ω47'20		evening set	6220 Apr 05 03:41	20°Υ54'49	
	6217 Sep 06 01:55	0°Π		inferior conj	6220 Apr 07 21:26	19°Υ14'10	9°05'36
	6217 Sep 30 13:43	0°ϡ		minimum elong	6220 Apr 07 19:16	19°Υ17'31	9°05'32
morning set	6217 Oct 04 16:01	5°ϡ02'06		min. Earth dist.	6220 Apr 07 13:04	19°Υ27'04	0.27126 AU
	6217 Oct 24 22:06	0°Π		morning rise	6220 Apr 10 10:53	17°Υ39'59	
max. Earth dist.	6217 Nov 07 20:52	17°Π15'03 1.72871 AU		direct	6220 Apr 28 10:55	11°Υ27'34	
				greatest brilliancy	6220 May 07 20:56	13°Υ07'27	-4.9m
superior conj	6217 Nov 10 05:28	20°Π10'11 1°17'58			6220 Jun 03 01:16	0°Ϡ	
minimum elong	6217 Nov 10 12:43	20°Π32'38 1°17'51		desc. node	6220 Jun 06 15:18	3°Ϡ09'13	
	6217 Nov 18 03:55	0°Ϡ		morning max el	6220 Jun 17 09:09	13°Ϡ18'08	46°27'13
	6217 Dec 12 08:08	0°ϣ			6220 Jul 03 14:10	0°Π	
evening rise	6217 Dec 18 04:41	7°ϣ16'30			6220 Jul 30 17:13	0°ϣ	
desc. node	6217 Dec 20 19:59	10°ϣ33'10			6220 Aug 25 16:58	0°Ω	
	6218 Jan 05 11:14	0°≈			6220 Sep 20 02:04	0°Π	
	6218 Jan 29 13:31	0°Ϡ		asc. node	6220 Sep 27 15:56	9°Π04'07	
	6218 Feb 22 16:01	0°Υ			6220 Oct 15 00:26	0°ϡ	
	6218 Mar 18 21:28	0°Ϡ			6220 Nov 08 14:10	0°Π	
	6218 Apr 12 10:39	0°Π			6220 Dec 02 21:31	0°Ϡ	
asc. node	6218 Apr 12 20:42	0°Π30'22		morning set	6220 Dec 12 21:01	12°Ϡ23'02	
	6218 May 07 15:17	0°ϣ			6220 Dec 27 00:37	0°ϣ	
	6218 Jun 03 02:45	0°Ω		desc. node	6221 Jan 17 07:53	26°ϣ36'24	
evening max el	6218 Jun 22 13:38	20°Ω14'46 45°59'28		max. Earth dist.	6221 Jan 18 06:31	27°ϣ47'14	1.71642 AU
	6218 Jul 02 22:48	0°Π			6221 Jan 20 00:57	0°≈	
greatest brilliancy	6218 Jul 30 21:28	18°Π58'53 -4.7m					
desc. node	6218 Aug 02 13:03	19°Π52'55		superior conj	6221 Jan 20 21:40	1°≈04'53	-0°08'40
retrograde	6218 Aug 10 20:32	21°Π09'40		minimum elong	6221 Jan 20 19:30	0°≈58'04	0°08'32
evening set	6218 Aug 27 00:03	16°Π10'17		behind sun begin	6221 Jan 19 21:43	29°ϣ49'54	
inferior conj	6218 Sep 01 09:38	12°Π52'40 -6°21'10		behind sun end	6221 Jan 21 17:16	2°≈06'15	

	6221 Feb 12 23:17	0° H		morning max el	6223 Aug 29 13:46	24° G 17'32	45°46'50
evening rise	6221 Mar 02 06:38	21° H 44'10			6223 Sep 04 10:15	0° Q	
	6221 Mar 08 20:33	0° Y			6223 Oct 02 19:29	0° P	
	6221 Apr 01 18:31	0° B		asc. node	6223 Oct 26 03:56	26° P 29'55	
	6221 Apr 25 19:46	0° II			6223 Oct 29 04:15	0° L	
asc. node	6221 May 10 08:30	17° II 58'43			6223 Nov 23 12:11	0° M	
	6221 May 20 03:15	0° G			6223 Dec 18 05:02	0° X	
	6221 Jun 13 20:24	0° Q			6224 Jan 11 12:35	0° Z	
	6221 Jul 09 04:39	0° P			6224 Feb 04 14:31	0° A	
	6221 Aug 04 15:51	0° L		desc. node	6224 Feb 14 19:47	12° A 47'26	
desc. node	6221 Aug 30 00:46	26° L 26'57		morning set	6224 Feb 25 20:30	26° A 37'26	
evening max el	6221 Sep 01 06:13	28° L 35'55	45°35'39		6224 Feb 28 13:03	0° H	
	6221 Sep 02 17:33	0° M			6224 Mar 23 09:48	0° Y	
greatest brilliancy	6221 Oct 10 07:50	26° M 38'13	-4.7m				
retrograde	6221 Oct 19 22:57	28° M 18'50		superior conj	6224 Apr 07 00:09	18° Y 21'28	-1°26'45
evening set	6221 Nov 06 14:22	22° M 27'35		minimum elong	6224 Apr 06 21:15	18° Y 12'22	1°26'46
inferior conj	6221 Nov 10 05:57	20° M 13'22	-7°55'35	max. Earth dist.	6224 Apr 08 23:48	20° Y 51'11	1.71259 AU
minimum elong	6221 Nov 10 13:34	20° M 01'30	7°54'38		6224 Apr 16 06:29	0° B	
min. Earth dist.	6221 Nov 11 00:48	19° M 44'01	0.28630 AU		6224 May 10 05:02	0° II	
morning rise	6221 Nov 14 12:28	17° M 36'27		evening rise	6224 May 17 12:03	9° II 06'23	
direct	6221 Dec 01 15:52	11° M 58'37			6224 Jun 03 07:10	0° G	
greatest brilliancy	6221 Dec 12 19:27	14° M 16'17	-4.8m	asc. node	6224 Jun 06 20:27	4° G 24'17	
asc. node	6221 Dec 21 01:30	18° M 24'44			6224 Jun 27 14:10	0° Q	
	6222 Jan 05 15:11	0° X			6224 Jul 22 03:16	0° P	
morning max el	6222 Jan 20 21:01	14° X 18'47	46°33'36		6224 Aug 16 00:40	0° L	
	6222 Feb 04 19:35	0° Z			6224 Sep 10 10:37	0° M	
	6222 Mar 03 06:17	0° A		desc. node	6224 Sep 26 12:25	18° M 30'27	
	6222 Mar 28 11:00	0° H			6224 Oct 06 17:25	0° X	
desc. node	6222 Apr 11 17:35	17° H 19'45			6224 Nov 03 17:25	0° Z	
	6222 Apr 22 02:19	0° Y		evening max el	6224 Nov 12 09:14	8° Z 35'34	46°08'18
	6222 May 16 11:34	0° B			6224 Dec 07 15:58	0° A	
	6222 Jun 09 18:56	0° II		greatest brilliancy	6224 Dec 22 02:38	7° A 38'11	-4.8m
	6222 Jul 04 02:37	0° G		retrograde	6224 Dec 31 17:00	9° A 20'14	
morning set	6222 Jul 25 21:57	26° G 51'33		evening set	6225 Jan 15 02:38	5° A 17'31	
	6222 Jul 28 11:11	0° Q		asc. node	6225 Jan 17 13:27	3° A 55'36	
asc. node	6222 Aug 02 18:09	6° Q 30'45		inferior conj	6225 Jan 21 09:41	1° A 36'41	0°59'25
	6222 Aug 21 20:07	0° P		minimum elong	6225 Jan 21 07:24	1° A 40'11	0°58'42
				min. Earth dist.	6225 Jan 21 16:27	1° A 26'18	0.26949 AU
superior conj	6222 Sep 01 01:00	12° P 33'45	1°02'46		6225 Jan 24 01:08	30° R Z	
minimum elong	6222 Aug 31 15:49	12° P 05'29	1°02'28	morning rise	6225 Jan 27 11:40	28° Z 01'35	
max. Earth dist.	6222 Sep 01 00:41	12° P 32'46	1.73403 AU	direct	6225 Feb 11 02:59	23° Z 47'50	
	6222 Sep 15 04:49	0° L		greatest brilliancy	6225 Feb 21 13:13	25° Z 50'39	-4.9m
evening rise	6222 Oct 07 04:45	27° L 05'22			6225 Mar 01 22:54	0° A	
	6222 Oct 09 13:29	0° M		morning max el	6225 Apr 02 15:54	26° A 48'16	46°59'11
	6222 Nov 02 22:51	0° X			6225 Apr 05 19:07	0° H	
desc. node	6222 Nov 22 10:07	23° X 54'07			6225 May 03 06:59	0° Y	
	6222 Nov 27 09:29	0° Z		desc. node	6225 May 09 05:38	6° Y 48'10	
	6222 Dec 21 21:38	0° A			6225 May 29 02:30	0° B	
	6223 Jan 15 12:04	0° H			6225 Jun 23 06:29	0° II	
	6223 Feb 09 08:07	0° Y			6225 Jul 18 03:56	0° G	
	6223 Mar 06 18:40	0° B			6225 Aug 11 22:00	0° Q	
asc. node	6223 Mar 15 10:50	9° B 55'11		asc. node	6225 Aug 30 06:00	22° Q 18'59	
	6223 Apr 02 18:28	0° II			6225 Sep 05 13:03	0° P	
evening max el	6223 Apr 10 02:39	7° II 34'46	46°53'18		6225 Sep 30 00:40	0° L	
	6223 May 05 10:03	0° G		morning set	6225 Oct 02 09:32	2° L 54'50	
greatest brilliancy	6223 May 19 20:14	8° G 08'31	-4.8m		6225 Oct 24 08:57	0° M	
retrograde	6223 May 30 12:14	10° G 15'36		max. Earth dist.	6225 Nov 05 14:14	15° M 06'42	1.72907 AU
evening set	6223 Jun 14 23:59	5° G 31'29					
inferior conj	6223 Jun 20 13:46	2° G 09'40	3°31'09	superior conj	6225 Nov 07 22:32	18° M 00'55	1°19'16
minimum elong	6223 Jun 20 21:12	1° G 58'06	3°28'58	minimum elong	6225 Nov 08 05:16	18° M 21'45	1°19'11
min. Earth dist.	6223 Jun 20 08:52	2° G 17'17	0.27909 AU		6225 Nov 17 14:47	0° X	
	6223 Jun 24 02:29	30° R II			6225 Dec 11 19:08	0° Z	
morning rise	6223 Jun 26 19:01	28° II 28'08		evening rise	6225 Dec 15 19:25	4° Z 58'54	
desc. node	6223 Jul 05 03:09	25° II 02'02		desc. node	6225 Dec 19 22:06	10° Z 05'23	
direct	6223 Jul 11 15:15	24° II 11'04			6226 Jan 04 22:26	0° A	
greatest brilliancy	6223 Jul 21 10:22	25° II 56'54	-4.8m		6226 Jan 29 00:59	0° H	
	6223 Jul 30 04:20	0° G			6226 Feb 22 03:48	0° Y	

	6226 Mar 18 09:41	0°♄			6228 Nov 08 01:18	0°♍	
asc. node	6226 Apr 11 22:38	29°♄57'14			6228 Dec 02 08:30	0°♊	
	6226 Apr 11 23:33	0°♈	morning set		6228 Dec 10 12:24	10°♊07'37	
	6226 May 07 05:33	0°♉			6228 Dec 26 11:35	0°♋	
evening max el	6226 Jun 02 20:03	0°♌	max. Earth dist.		6229 Jan 15 19:55	25°♋24'41	1.71676 AU
	6226 Jun 20 04:01	17°♌57'42 46°01'08	desc. node		6229 Jan 16 09:53	26°♋08'21	
	6226 Jul 03 03:08	0°♍					
greatest brilliancy	6226 Jul 28 13:19	16°♍47'35 -4.7m	superior conj		6229 Jan 18 10:08	28°♋39'20 -0°04'54	
desc. node	6226 Aug 01 15:03	18°♍05'31	minimum elong		6229 Jan 18 08:55	28°♋35'31 0°04'48	
retrograde	6226 Aug 08 12:32	18°♍59'16	behind sun begin		6229 Jan 17 08:37	27°♋19'29	
evening set	6226 Aug 24 13:33	14°♍03'29	behind sun end		6229 Jan 19 09:13	29°♋51'34	
min. Earth dist.	6226 Aug 29 14:41	10°♍59'52 0.28993 AU			6229 Jan 19 11:55	0°♌	
inferior conj	6226 Aug 30 01:51	10°♍42'20 -6°07'32			6229 Feb 12 10:17	0°♍	
minimum elong	6226 Aug 29 15:57	10°♍57'53 6°05'30	evening rise		6229 Feb 27 18:03	19°♍14'33	
morning rise	6226 Sep 03 18:30	7°♍49'28			6229 Mar 08 07:38	0°♎	
direct	6226 Sep 20 13:59	2°♍27'54			6229 Apr 01 05:44	0°♏	
greatest brilliancy	6226 Sep 30 16:12	4°♍17'24 -4.7m			6229 Apr 25 07:12	0°♈	
	6226 Nov 05 21:06	0°♎	asc. node		6229 May 09 10:35	17°♈29'24	
morning max el	6226 Nov 08 10:41	2°♎27'08 45°49'42			6229 May 19 15:01	0°♉	
asc. node	6226 Nov 22 15:48	16°♎50'28			6229 Jun 13 08:46	0°♌	
	6226 Dec 04 20:16	0°♍			6229 Jul 08 18:08	0°♍	
	6226 Dec 31 01:36	0°♊			6229 Aug 04 07:51	0°♎	
	6227 Jan 25 03:21	0°♋	desc. node		6229 Aug 29 02:42	25°♎38'27	
	6227 Feb 18 15:16	0°♌	evening max el		6229 Aug 29 22:04	26°♎24'58 45°35'31	
desc. node	6227 Mar 14 07:38	29°♌22'02			6229 Sep 02 17:17	0°♍	
	6227 Mar 14 19:49	0°♍	greatest brilliancy		6229 Oct 07 21:26	24°♍24'30 -4.7m	
	6227 Apr 07 20:33	0°♎	retrograde		6229 Oct 17 14:09	26°♍06'02	
	6227 May 01 19:56	0°♏	evening set		6229 Nov 04 07:48	20°♍11'15	
morning set	6227 May 13 04:51	14°♏13'15	inferior conj		6229 Nov 07 21:20	17°♍59'46 -8°03'16	
	6227 May 25 20:08	0°♈	minimum elong		6229 Nov 08 04:22	17°♍48'47 8°02'29	
	6227 Jun 18 22:37	0°♉	min. Earth dist.		6229 Nov 08 15:00	17°♍32'13 0.28682 AU	
			morning rise		6229 Nov 12 00:43	15°♍27'20	
superior conj	6227 Jun 21 05:41	2°♉50'52 -0°33'14	direct		6229 Nov 29 08:19	9°♍44'40	
minimum elong	6227 Jun 21 12:59	3°♉13'31 0°32'56	greatest brilliancy		6229 Dec 10 10:04	12°♍00'41 -4.8m	
max. Earth dist.	6227 Jun 24 11:29	6°♉52'07 1.72529 AU	asc. node		6229 Dec 20 03:35	17°♍03'09	
asc. node	6227 Jul 05 08:16	20°♉19'41			6230 Jan 05 20:50	0°♊	
	6227 Jul 13 03:58	0°♌	morning max el		6230 Jan 18 12:28	12°♊02'06 46°32'05	
evening rise	6227 Jul 29 04:33	19°♌46'01			6230 Feb 04 13:19	0°♋	
	6227 Aug 06 12:06	0°♍			6230 Mar 02 20:43	0°♌	
	6227 Aug 30 23:08	0°♎			6230 Mar 27 23:56	0°♍	
	6227 Sep 24 14:04	0°♍	desc. node		6230 Apr 10 19:40	16°♍48'11	
	6227 Oct 19 10:33	0°♊			6230 Apr 21 14:25	0°♎	
desc. node	6227 Oct 25 00:19	6°♊40'43			6230 May 15 23:10	0°♏	
	6227 Nov 13 14:38	0°♋			6230 Jun 09 06:12	0°♈	
	6227 Dec 09 05:48	0°♌			6230 Jul 03 13:38	0°♉	
	6228 Jan 04 18:09	0°♍	morning set		6230 Jul 23 14:32	24°♉41'28	
evening max el	6228 Jan 25 02:16	21°♍31'50 46°58'48			6230 Jul 27 22:01	0°♌	
	6228 Feb 02 18:44	0°♎	asc. node		6230 Aug 01 20:04	6°♌03'24	
asc. node	6228 Feb 15 01:07	10°♎44'34			6230 Aug 21 06:49	0°♍	
greatest brilliancy	6228 Mar 05 19:32	22°♎46'18 -4.9m					
retrograde	6228 Mar 15 17:38	24°♎39'22	superior conj		6230 Aug 29 18:34	10°♎27'06 1°00'32	
evening set	6228 Apr 02 14:08	18°♎31'56	minimum elong		6230 Aug 29 09:22	9°♎58'47 1°00'11	
inferior conj	6228 Apr 05 10:21	16°♎47'48 9°02'57	max. Earth dist.		6230 Aug 29 22:02	10°♎37'48 1.73396 AU	
minimum elong	6228 Apr 05 07:13	16°♎52'38 9°02'48			6230 Sep 14 15:30	0°♎	
min. Earth dist.	6228 Apr 05 01:21	17°♎01'39 0.27105 AU	evening rise		6230 Oct 04 22:18	24°♎58'28	
morning rise	6228 Apr 08 00:21	15°♎13'03			6230 Oct 09 00:17	0°♍	
direct	6228 Apr 25 23:49	9°♎01'20			6230 Nov 02 09:51	0°♊	
greatest brilliancy	6228 May 05 09:27	10°♎41'26 -4.9m	desc. node		6230 Nov 21 12:12	23°♊26'00	
	6228 Jun 03 08:14	0°♏			6230 Nov 26 20:50	0°♋	
desc. node	6228 Jun 05 17:24	2°♏09'00			6230 Dec 21 09:26	0°♌	
morning max el	6228 Jun 14 23:38	10°♏58'01 46°28'52			6231 Jan 15 00:31	0°♍	
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	6228 Jul 30 07:52	0°♉			6231 Mar 06 09:58	0°♏	
	6228 Aug 25 05:54	0°♌	asc. node		6231 Mar 14 12:52	9°♏15'02	
	6228 Sep 19 14:04	0°♍			6231 Apr 02 14:24	0°♈	
asc. node	6228 Sep 26 17:56	8°♍34'42	evening max el		6231 Apr 07 17:40	5°♈16'18 46°54'39	
	6228 Oct 14 11:52	0°♎			6231 May 06 08:50	0°♉	

greatest brilliancy	6231 May 17 12:34	5°☿52'57	-4.8m			6233 Oct 23 19:27	0°♊	
retrograde	6231 May 28 03:14	7°☿58'35		max. Earth dist.		6233 Nov 03 08:44	13°♊02'52	1.72946 AU
evening set	6231 Jun 12 17:21	3°☿11'47						
inferior conj	6231 Jun 18 04:34	29°♊53'21	3°51'22	superior conj		6233 Nov 05 15:30	15°♊52'20	1°20'27
minimum elong	6231 Jun 18 12:35	29°♊40'52	3°49'04	minimum elong		6233 Nov 05 21:41	16°♊11'28	1°20'23
min. Earth dist.	6231 Jun 18 00:05	0°☿00'20	0.27876 AU			6233 Nov 17 01:21	0°♊	
	6231 Jun 18 00:18	30°♋♊				6233 Dec 11 05:49	0°♊	
morning rise	6231 Jun 24 08:24	26°♊13'29		evening rise		6233 Dec 13 10:00	2°♊41'58	
desc. node	6231 Jul 04 05:07	22°♊25'45		desc. node		6233 Dec 19 00:01	9°♊37'57	
direct	6231 Jul 09 05:53	21°♊55'25				6234 Jan 04 09:19	0°♋	
greatest brilliancy	6231 Jul 19 00:23	23°♊40'37	-4.8m			6234 Jan 28 12:07	0°♋	
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morning max el	6231 Aug 27 04:08	22°☿02'50	45°47'29			6234 Mar 17 21:35	0°♋	
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morning set	6232 Feb 23 06:50	24°♋04'58		evening set		6234 Aug 22 03:24	11°♋58'37	
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				min. Earth dist.		6234 Aug 27 06:34	8°♋52'30	0.28966 AU
superior conj	6232 Apr 04 11:07	15°♋51'02	-1°26'13	morning rise		6234 Sep 01 13:34	5°♋37'45	
minimum elong	6232 Apr 04 07:09	15°♋38'36	1°26'11	direct		6234 Sep 18 05:53	0°♋20'00	
max. Earth dist.	6232 Apr 06 04:52	18°♋02'19	1.71230 AU	greatest brilliancy		6234 Sep 28 08:11	2°♋09'43	-4.7m
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	6232 May 09 15:48	0°♋		morning max el		6234 Nov 06 02:37	0°♋17'25	45°48'43
evening rise	6232 May 15 00:08	6°♋40'43		asc. node		6234 Nov 21 17:48	16°♋09'42	
	6232 Jun 02 17:57	0°☿				6234 Dec 04 11:41	0°♊	
asc. node	6232 Jun 05 22:26	3°☿57'01				6234 Dec 30 14:46	0°♊	
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desc. node	6232 Sep 25 14:28	17°♊56'30				6235 Apr 07 07:34	0°♋	
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evening max el	6232 Nov 09 21:51	6°♊14'10	46°06'25			6235 May 25 06:50	0°♋	
	6232 Dec 08 20:35	0°♋				6235 Jun 18 09:14	0°☿	
greatest brilliancy	6232 Dec 19 16:28	5°♋15'58	-4.8m					
retrograde	6232 Dec 29 05:09	6°♋56'54		superior conj		6235 Jun 18 20:11	0°☿33'59	-0°36'32
evening set	6233 Jan 12 15:59	2°♋53'12		minimum elong		6235 Jun 19 04:07	0°☿58'37	0°36'12
asc. node	6233 Jan 16 15:20	0°♋37'24		max. Earth dist.		6235 Jun 22 02:04	4°☿35'42	1.72479 AU
	6233 Jan 17 16:03	30°♋♊		asc. node		6235 Jul 04 10:11	19°☿52'59	
inferior conj	6233 Jan 18 22:43	29°♊13'06	0°35'39			6235 Jul 12 14:31	0°♋	
minimum elong	6233 Jan 18 21:21	29°♊15'12	0°35'14	evening rise		6235 Jul 26 21:38	17°♋38'27	
min. Earth dist.	6233 Jan 19 07:08	29°♊00'11	0.26985 AU			6235 Aug 05 22:39	0°♋	
morning rise	6233 Jan 25 02:04	25°♊35'55				6235 Aug 30 09:50	0°♋	
direct	6233 Feb 08 15:53	21°♊23'14				6235 Sep 24 01:05	0°♊	
greatest brilliancy	6233 Feb 19 04:54	23°♊28'22	-4.9m			6235 Oct 18 22:10	0°♊	
	6233 Mar 03 06:40	0°♋		desc. node		6235 Oct 24 02:22	6°♊11'38	
morning max el	6233 Mar 31 04:51	24°♋22'41	46°59'24			6235 Nov 13 03:14	0°♊	
	6233 Apr 05 16:13	0°♋				6235 Dec 08 20:03	0°♋	
	6233 May 02 22:40	0°♋		evening max el		6236 Jan 04 11:42	0°♋	
desc. node	6233 May 08 07:38	6°♋10'35				6236 Jan 22 16:39	19°♋10'20	46°57'41
	6233 May 28 15:57	0°♋				6236 Feb 02 22:31	0°♋	
	6233 Jun 22 18:43	0°♋		asc. node		6236 Feb 14 03:12	9°♋31'33	
	6233 Jul 17 15:24	0°☿		greatest brilliancy		6236 Mar 03 07:41	20°♋19'04	-4.9m
	6233 Aug 11 08:59	0°♋		retrograde		6236 Mar 13 07:17	22°♋13'10	
asc. node	6233 Aug 29 07:59	21°♋52'10		evening set		6236 Mar 30 24:00	16°♋10'13	
	6233 Sep 04 23:45	0°♋		inferior conj		6236 Apr 02 23:05	14°♋21'49	8°59'18
	6233 Sep 29 11:12	0°♋		minimum elong		6236 Apr 02 19:02	14°♋28'03	8°59'02
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


































































































































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direct	6236 Apr 23 12:57	6°♄35'48			6238 Nov 01 20:42	0°♊	
greatest brilliancy	6236 May 02 21:15	8°♄15'16	-4.9m	desc. node	6238 Nov 20 14:09	22°♊58'03	
	6236 Jun 03 12:41	0°♋			6238 Nov 26 08:00	0°♋	
desc. node	6236 Jun 04 19:21	1°♋10'50			6238 Dec 20 21:05	0°♌	
morning max el	6236 Jun 12 14:04	8°♋38'47	46°30'29		6239 Jan 14 12:52	0°♌	
	6236 Jul 03 01:57	0°♌			6239 Feb 08 11:03	0°♍	
	6236 Jul 29 21:58	0°♍			6239 Mar 06 01:33	0°♋	
	6236 Aug 24 18:22	0°♎		asc. node	6239 Mar 13 14:55	8°♋34'13	
	6236 Sep 19 01:35	0°♏			6239 Apr 02 11:11	0°♌	
asc. node	6236 Sep 25 20:02	8°♏06'56		evening max el	6239 Apr 05 07:36	2°♌54'26	46°55'47
	6236 Oct 13 22:51	0°♐			6239 May 07 17:19	0°♍	
	6236 Nov 07 12:00	0°♑		greatest brilliancy	6239 May 15 05:12	3°♍36'31	-4.9m
	6236 Dec 01 19:07	0°♊		retrograde	6239 May 25 17:36	5°♍40'19	
morning set	6236 Dec 08 04:01	7°♊54'11		evening set	6239 Jun 10 10:35	0°♍50'31	
	6236 Dec 25 22:13	0°♋			6239 Jun 11 21:18	30°♌♌	
max. Earth dist.	6237 Jan 13 06:56	22°♋55'38	1.71719 AU	inferior conj	6239 Jun 15 19:07	27°♌35'52	4°11'26
desc. node	6237 Jan 15 11:50	25°♋40'59		minimum elong	6239 Jun 16 03:40	27°♌22'32	4°09'01
				min. Earth dist.	6239 Jun 15 15:21	27°♌41'45	0.27841 AU
superior conj	6237 Jan 15 22:36	26°♋14'42	-0°01'06	morning rise	6239 Jun 21 21:16	23°♌57'58	
minimum elong	6237 Jan 15 22:21	26°♋13'55	0°01'03	desc. node	6239 Jul 03 07:03	19°♌53'19	
behind sun begin	6237 Jan 14 21:18	24°♋55'34		direct	6239 Jul 06 19:45	19°♌38'30	
behind sun end	6237 Jan 16 23:24	27°♋32'16		greatest brilliancy	6239 Jul 16 14:36	21°♌23'42	-4.8m
	6237 Jan 18 22:37	0°♌			6239 Aug 01 10:53	0°♍	
	6237 Feb 11 21:05	0°♌		morning max el	6239 Aug 24 17:43	19°♍45'52	45°48'23
evening rise	6237 Feb 25 05:06	16°♌44'26			6239 Sep 04 02:02	0°♎	
	6237 Mar 07 18:31	0°♍			6239 Oct 02 01:08	0°♏	
	6237 Mar 31 16:45	0°♋		asc. node	6239 Oct 24 07:54	25°♏25'49	
	6237 Apr 24 18:24	0°♌			6239 Oct 28 05:55	0°♐	
asc. node	6237 May 08 12:34	17°♌00'30			6239 Nov 22 11:55	0°♑	
	6237 May 19 02:34	0°♍			6239 Dec 17 03:45	0°♊	
	6237 Jun 12 20:54	0°♎			6240 Jan 10 10:46	0°♋	
	6237 Jul 08 07:26	0°♏			6240 Feb 03 12:26	0°♌	
	6237 Aug 03 23:47	0°♐		desc. node	6240 Feb 12 23:46	11°♌51'20	
evening max el	6237 Aug 27 13:51	24°♐14'56	45°35'32	morning set	6240 Feb 20 17:38	21°♌34'01	
desc. node	6237 Aug 28 04:49	24°♐50'42			6240 Feb 27 10:51	0°♌	
	6237 Sep 02 17:39	0°♑			6240 Mar 22 07:33	0°♍	
greatest brilliancy	6237 Oct 05 11:57	22°♑13'37	-4.7m				
retrograde	6237 Oct 15 05:15	23°♑55'26		superior conj	6240 Apr 01 22:01	13°♍20'14	-1°25'29
evening set	6237 Nov 02 01:25	17°♑57'37		minimum elong	6240 Apr 01 17:01	13°♍04'30	1°25'26
inferior conj	6237 Nov 05 13:06	15°♑48'33	-8°10'08	max. Earth dist.	6240 Apr 03 06:47	15°♍03'14	1.71216 AU
minimum elong	6237 Nov 05 19:32	15°♑38'31	8°09'28		6240 Apr 15 04:12	0°♋	
min. Earth dist.	6237 Nov 06 05:44	15°♑22'34	0.28729 AU		6240 May 09 02:44	0°♌	
morning rise	6237 Nov 09 13:28	13°♑20'18		evening rise	6240 May 12 11:41	4°♌12'48	
direct	6237 Nov 27 00:46	7°♑33'12			6240 Jun 02 04:56	0°♍	
greatest brilliancy	6237 Dec 08 01:00	9°♑47'24	-4.8m	asc. node	6240 Jun 05 00:20	3°♍28'50	
asc. node	6237 Dec 19 05:28	15°♑45'22			6240 Jun 26 12:13	0°♎	
	6238 Jan 06 00:01	0°♊			6240 Jul 21 01:57	0°♏	
morning max el	6238 Jan 16 03:06	9°♊44'31	46°30'16		6240 Aug 15 00:33	0°♐	
	6238 Feb 04 06:21	0°♋			6240 Sep 09 12:42	0°♑	
	6238 Mar 02 10:50	0°♌		desc. node	6240 Sep 24 16:29	17°♑21'47	
	6238 Mar 27 12:42	0°♌			6240 Oct 05 23:55	0°♊	
desc. node	6238 Apr 09 21:41	16°♌16'43			6240 Nov 03 11:07	0°♋	
	6238 Apr 21 02:26	0°♍		evening max el	6240 Nov 07 10:45	3°♋53'29	46°04'46
	6238 May 15 10:41	0°♋			6240 Dec 10 13:36	0°♌	
	6238 Jun 08 17:20	0°♌		greatest brilliancy	6240 Dec 17 06:08	2°♌54'02	-4.8m
	6238 Jul 03 00:30	0°♍		retrograde	6240 Dec 26 18:05	4°♌34'34	
morning set	6238 Jul 21 06:57	22°♍31'19		evening set	6241 Jan 10 05:48	0°♌29'21	
	6238 Jul 27 08:40	0°♎			6241 Jan 11 03:32	30°♌♌	
asc. node	6238 Jul 31 22:03	5°♎36'46		asc. node	6241 Jan 15 17:22	27°♋18'45	
	6238 Aug 20 17:22	0°♏		inferior conj	6241 Jan 16 12:00	26°♋50'16	0°11'59
				minimum elong	6241 Jan 16 11:32	26°♋50'58	0°11'52
superior conj	6238 Aug 27 12:13	8°♏21'13	0°58'12	transit middle	6241 Jan 16 11:32	26°♋50'58	0°11'52
minimum elong	6238 Aug 27 03:02	7°♏52'57	0°57'51	transit begin	6241 Jan 16 08:41	26°♋55'20	
max. Earth dist.	6238 Aug 27 17:44	8°♏38'11	1.73384 AU	transit end	6241 Jan 16 14:23	26°♋46'36	
	6238 Sep 14 02:04	0°♐		min. Earth dist.	6241 Jan 16 21:47	26°♋35'17	0.27023 AU
evening rise	6238 Oct 02 16:09	22°♐52'58		morning rise	6241 Jan 22 16:35	23°♋11'32	

direct	6241 Feb 06 05:15	18° Z 59'23		6243 Aug 05 09:37	0° M	
greatest brilliancy	6241 Feb 16 20:26	21° Z 06'38 -4.9m		6243 Aug 29 20:58	0° L	
	6241 Mar 04 05:20	0° \approx		6243 Sep 23 12:34	0° M	
morning max el	6241 Mar 28 18:48	21° \approx 59'41 46°59'23		6243 Oct 18 10:16	0° Z	
	6241 Apr 05 12:37	0° H	desc. node	6243 Oct 23 04:16	5° Z 40'43	
	6241 May 02 14:14	0° Y		6243 Nov 12 16:21	0° Z	
desc. node	6241 May 07 09:36	5° Y 32'42		6243 Dec 08 10:53	0° \approx	
	6241 May 28 05:31	0° B		6244 Jan 04 06:05	0° H	
	6241 Jun 22 07:11	0° II	evening max el	6244 Jan 20 07:25	16° H 48'45 46°56'30	
	6241 Jul 17 03:11	0° E		6244 Feb 03 04:41	0° Y	
	6241 Aug 10 20:17	0° L	asc. node	6244 Feb 13 05:16	8° Y 15'14	
asc. node	6241 Aug 28 10:05	21° L 24'50	greatest brilliancy	6244 Feb 29 20:16	17° Y 51'27 -4.9m	
	6241 Sep 04 10:44	0° M	retrograde	6244 Mar 10 20:51	19° Y 45'51	
morning set	6241 Sep 27 20:17	28° M 40'54	evening set	6244 Mar 28 09:34	13° Y 48'22	
	6241 Sep 28 22:01	0° L	inferior conj	6244 Mar 31 11:53	11° Y 55'02 8°54'36	
	6241 Oct 23 06:12	0° M	minimum elong	6244 Mar 31 06:57	12° Y 02'38 8°54'15	
max. Earth dist.	6241 Nov 01 04:59	11° M 03'45 1.72981 AU	min. Earth dist.	6244 Mar 31 01:18	12° Y 11'18 0.27050 AU	
			morning rise	6244 Apr 03 04:27	10° Y 16'36	
superior conj	6241 Nov 03 08:24	13° M 42'46 1°21'32	direct	6244 Apr 21 02:09	4° Y 09'43	
minimum elong	6241 Nov 03 13:59	14° M 00'01 1°21'29	greatest brilliancy	6244 Apr 30 09:02	5° Y 48'13 -4.9m	
	6241 Nov 16 12:09	0° Z	desc. node	6244 Jun 03 21:20	0° B 13'16	
	6241 Dec 10 16:45	0° Z		6244 Jun 03 15:43	0° B	
evening rise	6241 Dec 11 00:48	0° Z 24'59	morning max el	6244 Jun 10 03:47	6° B 17'00 46°32'04	
desc. node	6241 Dec 18 02:00	9° Z 09'59		6244 Jul 02 19:19	0° II	
	6242 Jan 03 20:27	0° \approx		6244 Jul 29 12:12	0° E	
	6242 Jan 27 23:29	0° H		6244 Aug 24 07:05	0° L	
	6242 Feb 21 02:55	0° Y		6244 Sep 18 13:28	0° M	
	6242 Mar 17 09:41	0° B	asc. node	6244 Sep 24 21:55	7° M 37'20	
asc. node	6242 Apr 10 02:40	28° B 52'40		6244 Oct 13 10:14	0° L	
	6242 Apr 11 01:02	0° II		6244 Nov 06 23:07	0° M	
	6242 May 06 09:54	0° E		6244 Dec 01 06:08	0° Z	
	6242 Jun 02 07:09	0° L	morning set	6244 Dec 05 19:28	5° Z 39'05	
evening max el	6242 Jun 15 10:40	13° L 30'15 46°04'44		6244 Dec 25 09:13	0° Z	
	6242 Jul 03 17:11	0° M	max. Earth dist.	6245 Jan 10 16:35	20° Z 21'20 1.71759 AU	
greatest brilliancy	6242 Jul 23 19:58	12° M 25'53 -4.8m				
desc. node	6242 Jul 30 19:04	14° M 20'54	superior conj	6245 Jan 13 11:08	23° Z 49'18 0°02'44	
retrograde	6242 Aug 03 22:16	14° M 40'41	minimum elong	6245 Jan 13 11:49	23° Z 51'27 0°02'43	
evening set	6242 Aug 19 17:05	9° M 51'22	behind sun begin	6245 Jan 12 11:02	22° Z 33'58	
inferior conj	6242 Aug 25 10:21	6° M 23'35 -5°38'35	behind sun end	6245 Jan 14 12:36	25° Z 08'56	
minimum elong	6242 Aug 25 00:35	6° M 38'53 5°36'25	desc. node	6245 Jan 14 13:54	25° Z 13'00	
min. Earth dist.	6242 Aug 24 21:58	6° M 42'58 0.28938 AU		6245 Jan 18 09:40	0° \approx	
morning rise	6242 Aug 30 08:21	3° M 23'40		6245 Feb 11 08:12	0° H	
	6242 Sep 06 07:04	30° R 0	evening rise	6245 Feb 22 16:14	14° H 13'33	
direct	6242 Sep 15 21:52	28° L 09'51		6245 Mar 07 05:45	0° Y	
greatest brilliancy	6242 Sep 25 23:21	29° L 59'14 -4.7m		6245 Mar 31 04:07	0° B	
	6242 Sep 26 00:14	0° M		6245 Apr 24 05:58	0° II	
morning max el	6242 Nov 03 18:46	28° M 07'05 45°47'51	asc. node	6245 May 07 14:30	16° II 30'28	
	6242 Nov 05 17:19	0° L		6245 May 18 14:26	0° E	
asc. node	6242 Nov 20 19:47	15° L 28'10		6245 Jun 12 09:22	0° L	
	6242 Dec 04 03:16	0° M		6245 Jul 07 21:09	0° M	
	6242 Dec 30 04:08	0° Z		6245 Aug 03 16:22	0° L	
	6243 Jan 24 03:52	0° Z	evening max el	6245 Aug 25 04:43	22° L 01'25 45°35'21	
	6243 Feb 17 14:42	0° \approx	desc. node	6245 Aug 27 06:47	24° L 00'32	
desc. node	6243 Mar 12 11:43	28° \approx 23'48		6245 Sep 02 19:54	0° M	
	6243 Mar 13 18:35	0° H	greatest brilliancy	6245 Oct 03 02:49	20° M 01'30 -4.7m	
	6243 Apr 06 18:49	0° Y	retrograde	6245 Oct 12 19:54	21° M 43'15	
	6243 Apr 30 17:51	0° B	evening set	6245 Oct 30 18:40	15° M 42'40	
morning set	6243 May 08 05:46	9° B 22'49	inferior conj	6245 Nov 03 04:46	13° M 35'49 -8°16'11	
	6243 May 24 17:47	0° II	minimum elong	6245 Nov 03 10:32	13° M 26'46 8°15'40	
			min. Earth dist.	6245 Nov 03 20:44	13° M 10'47 0.28778 AU	
superior conj	6243 Jun 16 10:37	28° II 15'59 -0°39'45	morning rise	6245 Nov 07 02:13	11° M 11'33	
minimum elong	6243 Jun 16 19:08	28° II 42'26 0°39'25	direct	6245 Nov 24 16:31	5° M 20'01	
	6243 Jun 17 20:07	0° E	greatest brilliancy	6245 Dec 05 16:25	7° M 33'07 -4.8m	
max. Earth dist.	6243 Jun 19 18:52	2° E 25'06 1.72436 AU	asc. node	6245 Dec 18 07:31	14° M 28'37	
asc. node	6243 Jul 03 12:15	19° E 25'44		6246 Jan 06 02:17	0° Z	
	6243 Jul 12 01:24	0° L	morning max el	6246 Jan 13 17:02	7° Z 23'52 46°28'39	
evening rise	6243 Jul 24 14:30	15° L 28'57		6246 Feb 03 23:27	0° Z	

	6246 Mar 02 01:07	0°♊		desc. node	6248 Sep 23 18:27	16°♎46'37	
	6246 Mar 27 01:41	0°♋			6248 Oct 05 15:36	0°♌	
desc. node	6246 Apr 08 23:35	15°♋44'09			6248 Nov 03 09:14	0°♍	
	6246 Apr 20 14:40	0°♌		evening max el	6248 Nov 05 00:17	1°♍34'30	46°02'58
	6246 May 14 22:26	0°♍			6248 Dec 13 08:41	0°♎	
	6246 Jun 08 04:44	0°♎		greatest brilliancy	6248 Dec 14 18:59	0°♎30'50	-4.8m
	6246 Jul 02 11:36	0°♏		retrograde	6248 Dec 24 07:13	2°♎11'29	
morning set	6246 Jul 18 23:32	20°♏20'52			6249 Jan 03 18:07	30°♏	
	6246 Jul 26 19:34	0°♐		evening set	6249 Jan 07 19:38	28°♐04'26	
asc. node	6246 Jul 31 00:08	5°♐09'42		inferior conj	6249 Jan 14 01:04	24°♐26'27	-0°11'48
	6246 Aug 20 04:09	0°♑		minimum elong	6249 Jan 14 01:31	24°♐25'45	0°11'36
				transit middle	6249 Jan 14 01:31	24°♐25'45	0°11'36
superior conj	6246 Aug 25 06:03	6°♑15'14	0°55'47	transit begin	6249 Jan 13 22:36	24°♐30'13	
minimum elong	6246 Aug 24 20:57	5°♑47'13	0°55'26	transit end	6249 Jan 14 04:26	24°♐21'18	
max. Earth dist.	6246 Aug 25 12:52	6°♑36'11	1.73374 AU	min. Earth dist.	6249 Jan 14 11:57	24°♐09'49	0.27069 AU
	6246 Sep 13 12:51	0°♒		asc. node	6249 Jan 14 19:26	23°♐58'21	
evening rise	6246 Sep 30 10:08	20°♒47'08		morning rise	6249 Jan 20 06:43	20°♐46'32	
	6246 Oct 07 21:51	0°♓		direct	6249 Feb 03 19:01	16°♐34'34	
	6246 Nov 01 07:52	0°♈		greatest brilliancy	6249 Feb 14 11:25	18°♐43'24	-4.9m
desc. node	6246 Nov 19 16:09	22°♈29'11			6249 Mar 04 22:32	0°♉	
	6246 Nov 25 19:31	0°♉		morning max el	6249 Mar 26 09:42	19°♉38'33	46°59'24
	6246 Dec 20 09:06	0°♊			6249 Apr 05 08:37	0°♋	
	6247 Jan 14 01:36	0°♋			6249 May 02 05:41	0°♌	
	6247 Feb 08 00:56	0°♌		desc. node	6249 May 06 11:39	4°♌55'10	
	6247 Mar 05 17:36	0°♍			6249 May 27 18:59	0°♍	
asc. node	6247 Mar 12 16:49	7°♍51'54			6249 Jun 21 19:32	0°♎	
	6247 Apr 02 08:56	0°♎			6249 Jul 16 14:50	0°♏	
evening max el	6247 Apr 02 20:42	0°♎29'48	46°57'00		6249 Aug 10 07:29	0°♐	
	6247 May 09 18:28	0°♏		asc. node	6249 Aug 27 11:58	20°♐57'03	
greatest brilliancy	6247 May 12 21:47	1°♏19'19	-4.9m		6249 Sep 03 21:38	0°♑	
retrograde	6247 May 23 08:03	3°♏21'42		morning set	6249 Sep 25 13:53	26°♑34'33	
	6247 Jun 05 07:27	30°♑			6249 Sep 28 08:44	0°♒	
evening set	6247 Jun 08 03:55	28°♑28'23			6249 Oct 22 16:51	0°♓	
inferior conj	6247 Jun 13 09:44	25°♑17'52	4°31'03	max. Earth dist.	6249 Oct 30 02:08	9°♓07'46	1.73012 AU
minimum elong	6247 Jun 13 18:46	25°♑03'47	4°28'33				
min. Earth dist.	6247 Jun 13 06:44	25°♑22'32	0.27809 AU	superior conj	6249 Nov 01 01:42	11°♓34'51	1°22'28
morning rise	6247 Jun 19 10:00	21°♑42'23		minimum elong	6249 Nov 01 06:39	11°♓50'09	1°22'26
desc. node	6247 Jul 02 09:11	17°♑25'37			6249 Nov 15 22:50	0°♈	
direct	6247 Jul 04 09:17	17°♑20'52		evening rise	6249 Dec 08 15:58	28°♈09'32	
greatest brilliancy	6247 Jul 14 05:09	19°♑06'40	-4.8m		6249 Dec 10 03:35	0°♉	
	6247 Aug 02 04:05	0°♏		desc. node	6249 Dec 17 04:07	8°♉42'47	
morning max el	6247 Aug 22 07:49	17°♏29'38	45°49'27		6250 Jan 03 07:31	0°♊	
	6247 Sep 03 21:12	0°♐			6250 Jan 27 10:49	0°♋	
	6247 Oct 01 15:47	0°♑			6250 Feb 20 14:36	0°♌	
asc. node	6247 Oct 23 09:55	24°♑53'44			6250 Mar 16 21:50	0°♍	
	6247 Oct 27 18:44	0°♒		asc. node	6250 Apr 09 04:38	28°♒19'44	
	6247 Nov 21 23:52	0°♓			6250 Apr 10 13:59	0°♎	
	6247 Dec 16 15:15	0°♈			6250 May 06 00:24	0°♏	
	6248 Jan 09 22:02	0°♉			6250 Jun 02 01:24	0°♐	
	6248 Feb 02 23:36	0°♊		evening max el	6250 Jun 13 03:07	11°♐19'04	46°06'38
desc. node	6248 Feb 12 01:46	11°♊22'42			6250 Jul 04 04:30	0°♑	
morning set	6248 Feb 18 04:11	19°♊01'40		greatest brilliancy	6250 Jul 21 11:32	10°♑15'07	-4.8m
	6248 Feb 26 21:57	0°♋		desc. node	6250 Jul 29 21:03	12°♑22'01	
	6248 Mar 21 18:36	0°♌		retrograde	6250 Aug 01 15:15	12°♑30'54	
				evening set	6250 Aug 17 07:06	7°♑44'55	
superior conj	6248 Mar 30 08:39	10°♌48'05	-1°24'33	min. Earth dist.	6250 Aug 22 13:26	4°♑34'24	0.28904 AU
minimum elong	6248 Mar 30 02:39	10°♌29'12	1°24'30	inferior conj	6250 Aug 23 02:33	4°♑13'52	-5°23'18
max. Earth dist.	6248 Mar 31 09:42	12°♌06'51	1.71200 AU	minimum elong	6250 Aug 22 16:56	4°♑28'55	5°21'06
	6248 Apr 14 15:13	0°♍		morning rise	6250 Aug 28 03:09	1°♑10'26	
	6248 May 08 13:44	0°♎			6250 Aug 30 06:12	30°♑	
evening rise	6248 May 09 23:10	1°♎44'24		direct	6250 Sep 13 14:19	26°♑00'46	
	6248 Jun 01 16:00	0°♏		greatest brilliancy	6250 Sep 23 14:04	27°♑49'04	-4.7m
asc. node	6248 Jun 04 02:26	3°♏00'59			6250 Sep 28 19:22	0°♒	
	6248 Jun 25 23:27	0°♐		morning max el	6250 Nov 01 11:01	25°♒57'56	45°47'03
	6248 Jul 20 13:31	0°♑			6250 Nov 05 14:07	0°♓	
	6248 Aug 14 12:41	0°♒		asc. node	6250 Nov 19 21:48	14°♓48'01	
	6248 Sep 09 01:59	0°♓			6250 Dec 03 18:18	0°♔	

	6250 Dec 29 17:08	0°♊			6253 Aug 03 08:57	0°♊	
	6251 Jan 23 15:56	0°♋		evening max el	6253 Aug 22 18:56	19°♊47'23	45°35'27
	6251 Feb 17 02:17	0°♌		desc. node	6253 Aug 26 08:44	23°♊10'26	
desc. node	6251 Mar 11 13:38	27°♌54'28			6253 Sep 02 23:15	0°♌	
	6251 Mar 13 05:54	0°♍		greatest brilliancy	6253 Sep 30 17:44	17°♌50'52	-4.7m
	6251 Apr 06 05:56	0°♎		retrograde	6253 Oct 10 10:44	19°♌32'58	
	6251 Apr 30 04:48	0°♏		evening set	6253 Oct 28 11:47	13°♌29'45	
morning set	6251 May 05 17:51	6°♏56'17		inferior conj	6253 Oct 31 20:35	11°♌24'51	-8°21'26
	6251 May 24 04:36	0°♐		minimum elong	6253 Nov 01 01:40	11°♌16'54	8°21'02
				min. Earth dist.	6253 Nov 01 12:01	11°♌00'39	0.28823 AU
superior conj	6251 Jun 14 00:36	25°♐56'54 -0°42'57		morning rise	6253 Nov 04 15:20	9°♌04'27	
minimum elong	6251 Jun 14 09:39	26°♐25'04 0°42'36		direct	6253 Nov 22 08:05	3°♌08'24	
	6251 Jun 17 06:50	0°♑		greatest brilliancy	6253 Dec 03 08:30	5°♌21'18	-4.8m
max. Earth dist.	6251 Jun 17 12:28	0°♑17'27 1.72386 AU		asc. node	6253 Dec 17 09:34	13°♌15'26	
asc. node	6251 Jul 02 14:15	18°♑58'54			6254 Jan 06 02:38	0°♊	
	6251 Jul 11 12:05	0°♋		morning max el	6254 Jan 11 07:18	5°♊05'29	46°27'09
evening rise	6251 Jul 22 07:06	13°♋19'15			6254 Feb 03 15:44	0°♋	
	6251 Aug 04 20:19	0°♌			6254 Mar 01 14:48	0°♌	
	6251 Aug 29 07:51	0°♍			6254 Mar 26 14:07	0°♍	
	6251 Sep 22 23:50	0°♎		desc. node	6254 Apr 08 01:41	15°♍13'40	
	6251 Oct 17 22:08	0°♏			6254 Apr 20 02:23	0°♎	
desc. node	6251 Oct 22 06:21	5°♏11'07			6254 May 14 09:43	0°♏	
	6251 Nov 12 05:13	0°♐			6254 Jun 07 15:42	0°♐	
	6251 Dec 08 01:30	0°♑			6254 Jul 01 22:19	0°♑	
	6252 Jan 04 00:27	0°♒		morning set	6254 Jul 16 15:51	18°♑10'30	
evening max el	6252 Jan 17 21:50	14°♒27'35 46°55'05			6254 Jul 26 06:07	0°♋	
	6252 Feb 03 12:36	0°♎		asc. node	6254 Jul 30 02:02	4°♋43'07	
asc. node	6252 Feb 12 07:07	6°♎57'15			6254 Aug 19 14:37	0°♌	
greatest brilliancy	6252 Feb 27 09:22	15°♎25'33 -4.9m					
retrograde	6252 Mar 08 09:52	17°♎19'24		superior conj	6254 Aug 22 23:37	4°♌09'22	0°53'17
evening set	6252 Mar 25 18:46	11°♎28'13		minimum elong	6254 Aug 22 14:38	3°♌41'43	0°52'55
min. Earth dist.	6252 Mar 28 13:49	9°♎46'03 0.27026 AU		max. Earth dist.	6254 Aug 23 06:39	4°♌31'00	1.73362 AU
inferior conj	6252 Mar 29 00:43	9°♎29'16 8°48'50			6254 Sep 12 23:19	0°♍	
minimum elong	6252 Mar 28 18:54	9°♎38'13 8°48'21		evening rise	6254 Sep 28 03:59	18°♍42'02	
morning rise	6252 Mar 31 19:12	7°♎47'51			6254 Oct 07 08:26	0°♎	
direct	6252 Apr 18 15:06	1°♎44'30			6254 Oct 31 18:40	0°♏	
greatest brilliancy	6252 Apr 27 21:35	3°♎22'29 -4.9m		desc. node	6254 Nov 18 18:14	22°♏01'45	
desc. node	6252 Jun 02 23:26	29°♎17'39			6254 Nov 25 06:41	0°♐	
	6252 Jun 03 17:05	0°♏			6254 Dec 19 20:47	0°♑	
morning max el	6252 Jun 07 16:41	3°♏53'27 46°33'34			6255 Jan 13 14:02	0°♒	
	6252 Jul 02 12:08	0°♐			6255 Feb 07 14:32	0°♓	
	6252 Jul 29 02:03	0°♑			6255 Mar 05 09:28	0°♏	
	6252 Aug 23 19:27	0°♋		asc. node	6255 Mar 11 18:53	7°♏10'49	
	6252 Sep 18 00:58	0°♌		evening max el	6255 Mar 31 09:56	28°♏06'55	46°58'15
asc. node	6252 Sep 23 23:55	7°♌09'11			6255 Apr 02 06:57	0°♐	
	6252 Oct 12 21:14	0°♍		greatest brilliancy	6255 May 10 13:50	29°♐02'58	-4.9m
	6252 Nov 06 09:52	0°♎			6255 May 13 11:21	0°♑	
	6252 Nov 30 16:47	0°♏		retrograde	6255 May 20 22:54	1°♑04'45	
morning set	6252 Dec 03 11:16	3°♏26'12			6255 May 28 05:14	30°♒♐	
	6252 Dec 24 19:52	0°♐		evening set	6255 Jun 05 21:24	26°♐07'25	
max. Earth dist.	6253 Jan 08 02:31	17°♐49'13 1.71799 AU		inferior conj	6255 Jun 11 00:24	23°♐01'16	4°50'06
				minimum elong	6255 Jun 11 09:52	22°♐46'33	4°47'34
superior conj	6253 Jan 11 00:16	21°♐27'07 0°06'27		min. Earth dist.	6255 Jun 10 21:59	23°♐05'02	0.27782 AU
minimum elong	6253 Jan 11 01:52	21°♐32'06 0°06'24		morning rise	6255 Jun 16 22:40	19°♐28'39	
behind sun begin	6253 Jan 10 02:41	20°♐19'38		desc. node	6255 Jul 01 11:08	15°♐04'40	
behind sun end	6253 Jan 12 01:03	22°♐44'33		direct	6255 Jul 01 22:55	15°♐04'23	
desc. node	6253 Jan 13 15:54	24°♐45'57		greatest brilliancy	6255 Jul 11 19:46	16°♐50'58	-4.8m
	6253 Jan 17 20:20	0°♑			6255 Aug 02 16:23	0°♑	
	6253 Feb 10 18:55	0°♒		morning max el	6255 Aug 19 22:57	15°♑16'47	45°50'26
evening rise	6253 Feb 20 03:54	11°♒45'43			6255 Sep 03 15:31	0°♋	
	6253 Mar 06 16:34	0°♓			6255 Oct 01 05:59	0°♌	
	6253 Mar 30 15:06	0°♏		asc. node	6255 Oct 22 12:00	24°♌22'46	
	6253 Apr 23 17:11	0°♐			6255 Oct 27 07:13	0°♍	
asc. node	6253 May 06 16:35	16°♐01'53			6255 Nov 21 11:28	0°♎	
	6253 May 18 02:00	0°♑			6255 Dec 16 02:24	0°♏	
	6253 Jun 11 21:37	0°♋			6256 Jan 09 08:58	0°♐	
	6253 Jul 07 10:42	0°♌			6256 Feb 02 10:25	0°♑	






























































































































desc. node	6256 Feb 11 03:40	10° \approx 54'49	min. Earth dist.	6258 Aug 20 05:06	2° \cap 25'31	0.28868 AU
morning set	6256 Feb 15 14:58	16° \approx 31'04	inferior conj	6258 Aug 20 18:43	2° \cap 04'10	-5°07'36
	6256 Feb 26 08:44	0° \bowtie	minimum elong	6258 Aug 20 09:19	2° \cap 18'54	5°05'22
	6256 Mar 21 05:22	0° Υ		6258 Aug 24 03:04	30° \mathcal{R} Ω	
			morning rise	6258 Aug 25 21:50	28° Ω 57'08	
superior conj	6256 Mar 27 19:23	8° Υ 17'03 -1°23'28	direct	6258 Sep 11 06:43	23° Ω 51'51	
minimum elong	6256 Mar 27 12:26	7° Υ 55'13 1°23'22	greatest brilliancy	6258 Sep 21 04:37	25° Ω 38'41	-4.7m
max. Earth dist.	6256 Mar 28 15:09	9° Υ 19'16 1.71187 AU		6258 Sep 30 12:02	0° \cap	
	6256 Apr 14 01:57	0° \mathcal{B}	morning max el	6258 Oct 30 02:32	23° \cap 46'55	45°46'08
evening rise	6256 May 07 10:51	29° \mathcal{B} 17'29		6258 Nov 05 10:15	0° Ω	
	6256 May 08 00:27	0° Π	asc. node	6258 Nov 18 23:50	14° Ω 08'06	
	6256 Jun 01 02:47	0° \mathcal{E}		6258 Dec 03 09:14	0° \mathcal{M}	
asc. node	6256 Jun 03 04:25	2° \mathcal{E} 33'46		6258 Dec 29 06:11	0° \mathcal{A}	
	6256 Jun 25 10:24	0° Ω		6259 Jan 23 04:05	0° \mathcal{Z}	
	6256 Jul 20 00:49	0° \cap		6259 Feb 16 13:57	0° \approx	
	6256 Aug 14 00:39	0° Ω	desc. node	6259 Mar 10 15:45	27° \approx 25'40	
	6256 Sep 08 15:10	0° \mathcal{M}		6259 Mar 12 17:15	0° \bowtie	
desc. node	6256 Sep 22 20:30	16° \mathcal{M} 12'01		6259 Apr 05 17:04	0° Υ	
	6256 Oct 05 07:20	0° \mathcal{A}		6259 Apr 29 15:48	0° \mathcal{B}	
evening max el	6256 Nov 02 14:58	29° \mathcal{A} 19'05 46°01'22	morning set	6259 May 03 05:45	4° \mathcal{B} 29'02	
	6256 Nov 03 08:02	0° \mathcal{Z}		6259 May 23 15:31	0° Π	
greatest brilliancy	6256 Dec 12 07:48	28° \mathcal{Z} 08'59 -4.8m				
retrograde	6256 Dec 21 20:43	29° \mathcal{Z} 49'45	superior conj	6259 Jun 11 14:31	23° Π 37'15	-0°46'05
evening set	6257 Jan 05 09:58	25° \mathcal{Z} 40'55	minimum elong	6259 Jun 12 00:03	24° Π 06'55	0°45'43
inferior conj	6257 Jan 11 14:20	22° \mathcal{Z} 04'03 -0°35'14	max. Earth dist.	6259 Jun 15 05:43	28° Π 08'17	1.72335 AU
minimum elong	6257 Jan 11 15:42	22° \mathcal{Z} 01'59 0°34'46		6259 Jun 16 17:41	0° \mathcal{E}	
min. Earth dist.	6257 Jan 12 02:02	21° \mathcal{Z} 46'10 0.27113 AU	asc. node	6259 Jul 01 16:11	18° \mathcal{E} 31'29	
asc. node	6257 Jan 13 21:19	20° \mathcal{Z} 40'22		6259 Jul 10 22:53	0° Ω	
morning rise	6257 Jan 17 20:49	18° \mathcal{Z} 23'12	evening rise	6259 Jul 19 23:36	11° Ω 08'49	
direct	6257 Feb 01 09:26	14° \mathcal{Z} 11'26		6259 Aug 04 07:10	0° \cap	
greatest brilliancy	6257 Feb 12 02:02	16° \mathcal{Z} 21'00 -4.9m		6259 Aug 28 18:52	0° Ω	
	6257 Mar 05 10:56	0° \approx		6259 Sep 22 11:14	0° \mathcal{M}	
morning max el	6257 Mar 24 00:59	17° \approx 19'18 46°59'10		6259 Oct 17 10:12	0° \mathcal{A}	
	6257 Apr 05 03:44	0° \bowtie	desc. node	6259 Oct 21 08:23	4° \mathcal{A} 40'50	
	6257 May 01 20:41	0° Υ		6259 Nov 11 18:22	0° \mathcal{Z}	
desc. node	6257 May 05 13:40	4° Υ 18'28		6259 Dec 07 16:35	0° \approx	
	6257 May 27 08:07	0° \mathcal{B}		6260 Jan 03 19:41	0° \bowtie	
	6257 Jun 21 07:38	0° Π	evening max el	6260 Jan 15 11:28	12° \bowtie 03'26	46°53'38
	6257 Jul 16 02:16	0° \mathcal{E}		6260 Feb 03 23:55	0° Υ	
	6257 Aug 09 18:30	0° Ω	asc. node	6260 Feb 11 09:13	5° Υ 36'07	
asc. node	6257 Aug 26 13:59	20° Ω 30'17	greatest brilliancy	6260 Feb 24 22:57	12° Υ 59'05	-4.9m
	6257 Sep 03 08:23	0° \cap	retrograde	6260 Mar 05 22:21	14° Υ 51'52	
morning set	6257 Sep 23 07:31	24° \cap 28'39	evening set	6260 Mar 23 03:37	9° Υ 07'25	
	6257 Sep 27 19:20	0° Ω	min. Earth dist.	6260 Mar 26 02:39	7° Υ 19'18	0.26999 AU
	6257 Oct 22 03:25	0° \mathcal{M}	inferior conj	6260 Mar 26 13:29	7° Υ 02'36	8°42'08
max. Earth dist.	6257 Oct 27 21:20	7° \mathcal{M} 05'58 1.73042 AU	minimum elong	6260 Mar 26 06:51	7° Υ 12'50	8°41'28
			morning rise	6260 Mar 29 10:12	5° Υ 17'40	
superior conj	6257 Oct 29 18:56	9° \mathcal{M} 26'57 1°23'18		6260 Apr 10 07:05	30° \mathcal{R} \bowtie	
minimum elong	6257 Oct 29 23:15	9° \mathcal{M} 40'16 1°23'17	direct	6260 Apr 16 03:20	29° \bowtie 18'13	
	6257 Nov 15 09:28	0° \mathcal{A}		6260 Apr 22 03:13	0° Υ	
evening rise	6257 Dec 06 06:56	25° \mathcal{A} 53'41	greatest brilliancy	6260 Apr 25 10:39	0° Υ 56'26	-4.9m
	6257 Dec 09 14:23	0° \mathcal{Z}	desc. node	6260 Jun 02 01:24	28° Υ 22'18	
desc. node	6257 Dec 16 06:01	8° \mathcal{Z} 15'06		6260 Jun 03 17:28	0° \mathcal{B}	
	6258 Jan 02 18:31	0° \approx	morning max el	6260 Jun 05 04:50	1° \mathcal{B} 27'14	46°35'04
	6258 Jan 26 22:05	0° \bowtie		6260 Jul 02 04:52	0° Π	
	6258 Feb 20 02:13	0° Υ		6260 Jul 28 16:01	0° \mathcal{E}	
	6258 Mar 16 09:58	0° \mathcal{B}		6260 Aug 23 07:59	0° Ω	
asc. node	6258 Apr 08 06:43	27° \mathcal{B} 47'06		6260 Sep 17 12:41	0° \cap	
	6258 Apr 10 02:59	0° Π	asc. node	6260 Sep 23 02:01	6° \cap 40'37	
	6258 May 05 15:03	0° \mathcal{E}		6260 Oct 12 08:28	0° Ω	
	6258 Jun 01 20:07	0° Ω		6260 Nov 05 20:52	0° \mathcal{M}	
evening max el	6258 Jun 10 19:49	9° Ω 08'24 46°08'29		6260 Nov 30 03:42	0° \mathcal{A}	
	6258 Jul 04 19:43	0° \cap	morning set	6260 Dec 01 03:07	1° \mathcal{A} 12'36	
greatest brilliancy	6258 Jul 19 03:39	8° \cap 05'01 -4.8m		6260 Dec 24 06:48	0° \mathcal{Z}	
desc. node	6258 Jul 28 22:58	10° \cap 18'42	max. Earth dist.	6261 Jan 05 13:49	15° \mathcal{Z} 20'21	1.71848 AU
retrograde	6258 Jul 30 07:54	10° \cap 20'55				
evening set	6258 Aug 14 21:15	5° \cap 38'23	superior conj	6261 Jan 08 13:17	19° \mathcal{Z} 03'32	0°10'08

minimum elong	6261 Jan 08 15:46	19°  11'19	0°10'04	desc. node	6263 Jun 30 13:05	12°  46'31	
behind sun begin	6261 Jan 07 20:02	18°  09'39		greatest brilliancy	6263 Jul 09 09:36	14°  32'21	-4.8m
behind sun end	6261 Jan 09 11:31	20°  12'59			6263 Aug 03 02:12	0° 	
desc. node	6261 Jan 12 17:51	24°  17'46		morning max el	6263 Aug 17 14:34	13°  03'40	45°51'29
	6261 Jan 17 07:20	0° 			6263 Sep 03 09:52	0° 	
	6261 Feb 10 06:01	0° 			6263 Sep 30 20:28	0° 	
evening rise	6261 Feb 17 15:14	9°  15'45		asc. node	6263 Oct 21 13:53	23°  15'01'11	
	6261 Mar 06 03:47	0° 			6263 Oct 26 20:01	0° 	
	6261 Mar 30 02:28	0° 			6263 Nov 20 23:26	0° 	
	6261 Apr 23 04:45	0° 			6263 Dec 15 13:54	0° 	
asc. node	6261 May 05 18:32	15°  11'46			6264 Jan 08 20:13	0° 	
	6261 May 17 13:58	0° 			6264 Feb 01 21:34	0° 	
	6261 Jun 11 10:16	0° 		desc. node	6264 Feb 10 05:47	10°  26'36	
	6261 Jul 07 00:46	0° 		morning set	6264 Feb 13 02:10	14°  00'50	
	6261 Aug 03 02:18	0° 			6264 Feb 25 19:51	0° 	
evening max el	6261 Aug 20 09:05	17°  32'08	45°35'40		6264 Mar 20 16:28	0° 	
desc. node	6261 Aug 25 10:52	22°  18'45					
	6261 Sep 03 04:59	0° 		superior conj	6264 Mar 25 06:03	5°  44'43	-1°22'12
greatest brilliancy	6261 Sep 28 08:05	15°  13'40	-4.7m	minimum elong	6264 Mar 24 22:13	5°  20'03	1°22'04
retrograde	6261 Oct 08 01:57	17°  12'22'00		max. Earth dist.	6264 Mar 25 23:38	6°  39'59	1.71181 AU
evening set	6261 Oct 26 04:39	11°  16'15			6264 Apr 13 13:03	0° 	
inferior conj	6261 Oct 29 12:26	9°  13'04	-8°25'56	evening rise	6264 May 04 22:12	26°  48'13	
minimum elong	6261 Oct 29 16:47	9°  06'15	8°25'38		6264 May 07 11:35	0° 	
min. Earth dist.	6261 Oct 30 03:09	8°  15'00'02	0.28867 AU		6264 May 31 13:59	0° 	
morning rise	6261 Nov 02 04:43	6°  15'56'25		asc. node	6264 Jun 02 06:20	2°  04'59	
direct	6261 Nov 19 23:43	0° 			6264 Jun 24 21:47	0° 	
greatest brilliancy	6261 Dec 01 00:39	3°  09'00	-4.8m		6264 Jul 19 12:32	0° 	
asc. node	6261 Dec 16 11:28	12°  10'31'15			6264 Aug 13 13:02	0° 	
	6262 Jan 06 02:15	0° 			6264 Sep 08 04:51	0° 	
morning max el	6262 Jan 08 22:14	2°  47'55	46°25'33	desc. node	6264 Sep 21 22:31	15°  13'35'53	
	6262 Feb 03 08:08	0° 			6264 Oct 04 23:45	0° 	
	6262 Mar 01 04:47	0° 		evening max el	6264 Oct 31 06:11	27°  04'02	45°59'42
	6262 Mar 26 02:57	0° 			6264 Nov 03 08:20	0° 	
desc. node	6262 Apr 07 03:42	14°  41'38		greatest brilliancy	6264 Dec 09 20:56	25°  34'48	-4.8m
	6262 Apr 19 14:34	0° 		retrograde	6264 Dec 19 10:02	27°  32'7'10	
	6262 May 13 21:26	0° 		evening set	6265 Jan 03 00:33	23°  31'6'42	
	6262 Jun 07 03:04	0° 		inferior conj	6265 Jan 09 03:39	19°  34'1'03	-0°58'35
	6262 Jul 01 09:26	0° 		minimum elong	6265 Jan 09 05:54	19°  37'3'37	0°57'50
morning set	6262 Jul 14 07:56	15°  05'8'06		min. Earth dist.	6265 Jan 09 16:11	19°  31'5'3	0.27155 AU
	6262 Jul 25 17:03	0° 		asc. node	6265 Jan 12 23:23	17°  32'2'40	
asc. node	6262 Jul 29 04:04	4°  15'4'3		morning rise	6265 Jan 15 10:41	15°  35'9'22	
	6262 Aug 19 01:29	0° 		direct	6265 Jan 29 23:56	11°  34'7'55	
				greatest brilliancy	6265 Feb 09 16:26	13°  35'7'38	-4.9m
superior conj	6262 Aug 20 17:04	2°  10'1'52	0°50'42		6265 Mar 05 20:24	0° 	
minimum elong	6262 Aug 20 08:15	1°  10'34'43	0°50'19	morning max el	6265 Mar 21 15:26	14°  35'5'21	46°58'53
max. Earth dist.	6262 Aug 21 01:25	2°  10'27'36	1.73352 AU		6265 Apr 04 22:34	0° 	
	6262 Sep 12 10:13	0° 			6265 May 01 11:42	0° 	
evening rise	6262 Sep 25 21:57	16°  05'36'07		desc. node	6265 May 04 15:36	3°  41'1'10	
	6262 Oct 06 19:26	0° 			6265 May 26 21:25	0° 	
	6262 Oct 31 05:53	0° 			6265 Jun 20 19:58	0° 	
desc. node	6262 Nov 17 20:09	21°  47'32'36			6265 Jul 15 13:59	0° 	
	6262 Nov 24 18:14	0° 			6265 Aug 09 05:47	0° 	
	6262 Dec 19 08:52	0° 		asc. node	6265 Aug 25 16:04	20°  02'5'1	
	6263 Jan 13 02:55	0° 			6265 Sep 02 19:22	0° 	
	6263 Feb 07 04:42	0° 		morning set	6265 Sep 21 00:57	22°  10'21'31	
	6263 Mar 05 02:08	0° 			6265 Sep 27 06:10	0° 	
asc. node	6263 Mar 10 20:55	6°  08'27'35			6265 Oct 21 14:12	0° 	
evening max el	6263 Mar 28 23:57	25°  44'1'9	46°59'22	max. Earth dist.	6265 Oct 25 15:17	4°  15'59'47	1.73072 AU
	6263 Apr 02 06:38	0° 					
greatest brilliancy	6263 May 08 05:06	26°  12'43'21	-4.9m	superior conj	6265 Oct 27 12:10	7°  18'18'27	1°24'00
retrograde	6263 May 18 13:54	28°  12'45'10		minimum elong	6265 Oct 27 15:48	7°  18'29'41	1°23'59
evening set	6263 Jun 03 14:42	23°  12'43'32			6265 Nov 14 20:20	0° 	
inferior conj	6263 Jun 08 14:46	20°  12'41'57	5°08'59	evening rise	6265 Dec 03 21:59	23°  47'3'7'24	
minimum elong	6263 Jun 09 00:36	20°  12'26'41	5°06'24		6265 Dec 09 01:24	0° 	
min. Earth dist.	6263 Jun 08 12:37	20°  12'45'18	0.27754 AU	desc. node	6265 Dec 15 08:00	7°  34'6'56	
morning rise	6263 Jun 14 10:48	17°  12'12'45			6266 Jan 02 05:45	0° 	
direct	6263 Jun 29 12:44	12°  12'45'19			6266 Jan 26 09:34	0° 	

	6266 Feb 19 14:01	0°Υ		6268 Jul 28 05:36	0°Ϣ	
	6266 Mar 15 22:15	0°Ϡ		6268 Aug 22 20:14	0°Ω	
asc. node	6266 Apr 07 08:39	27°Ϡ13'37		6268 Sep 17 00:10	0°ϯ	
	6266 Apr 09 16:10	0°Π	asc. node	6268 Sep 22 03:53	6°ϯ11'58	
	6266 May 05 05:59	0°Ϣ		6268 Oct 11 19:31	0°Ω	
	6266 Jun 01 15:30	0°Ω		6268 Nov 05 07:41	0°ϯ	
evening max el	6266 Jun 08 11:57	6°Ω55'45 46°10'09	morning set	6268 Nov 28 19:01	28°ϯ59'47	
	6266 Jul 05 16:39	0°ϯ		6268 Nov 29 14:26	0°Ϡ	
greatest brilliancy	6266 Jul 16 20:22	5°ϯ54'50 -4.8m		6268 Dec 23 17:31	0°Ϡ	
retrograde	6266 Jul 28 00:04	8°ϯ10'07	max. Earth dist.	6269 Jan 03 04:02	13°Ϡ01'20 1.71895 AU	
desc. node	6266 Jul 28 01:06	8°ϯ10'07				
evening set	6266 Aug 12 11:32	3°ϯ30'58	superior conj	6269 Jan 06 02:22	16°Ϡ40'55 0°13'49	
inferior conj	6266 Aug 18 10:53	29°Ω53'55 -4°51'18	minimum elong	6269 Jan 06 05:43	16°Ϡ51'24 0°13'41	
minimum elong	6266 Aug 18 01:45	0°ϯ08'14 4°49'04	behind sun begin	6269 Jan 05 16:21	16°Ϡ09'38	
min. Earth dist.	6266 Aug 17 21:11	0°ϯ15'24 0.28831 AU	behind sun end	6269 Jan 06 19:06	17°Ϡ33'09	
	6266 Aug 18 07:00	30°ϠΩ	desc. node	6269 Jan 11 19:56	23°Ϡ50'35	
morning rise	6266 Aug 23 16:26	26°Ω43'10		6269 Jan 16 18:07	0°≈	
direct	6266 Sep 08 22:45	21°Ω42'23		6269 Feb 09 16:55	0°Ϡ	
greatest brilliancy	6266 Sep 18 19:46	23°Ω28'12 -4.7m	evening rise	6269 Feb 15 02:47	6°Ϡ47'10	
	6266 Oct 01 16:23	0°ϯ		6269 Mar 05 14:50	0°Υ	
morning max el	6266 Oct 27 17:05	21°ϯ33'13 45°45'18		6269 Mar 29 13:40	0°Ϡ	
	6266 Nov 05 05:54	0°Ω		6269 Apr 22 16:09	0°Π	
asc. node	6266 Nov 18 01:47	13°Ω28'12	asc. node	6269 May 04 20:30	15°Π02'14	
	6266 Dec 03 00:03	0°ϯ		6269 May 17 01:42	0°Ϣ	
	6266 Dec 28 19:11	0°Ϡ		6269 Jun 10 22:42	0°Ω	
	6267 Jan 22 16:14	0°Ϡ		6269 Jul 06 14:38	0°ϯ	
	6267 Feb 16 01:38	0°≈		6269 Aug 02 19:37	0°Ω	
desc. node	6267 Mar 09 17:41	26°≈56'11	evening max el	6269 Aug 17 23:46	15°Ω19'22 45°35'57	
	6267 Mar 12 04:37	0°Ϡ	desc. node	6269 Aug 24 12:48	21°Ω26'43	
	6267 Apr 05 04:13	0°Υ		6269 Sep 03 12:28	0°ϯ	
	6267 Apr 29 02:46	0°Ϡ	greatest brilliancy	6269 Sep 25 21:53	13°ϯ27'07 -4.7m	
morning set	6267 Apr 30 17:53	2°Ϡ02'27	retrograde	6269 Oct 05 17:48	15°ϯ12'25	
	6267 May 23 02:22	0°Π	evening set	6269 Oct 23 21:21	9°ϯ04'23	
			inferior conj	6269 Oct 27 04:24	7°ϯ02'28 -8°29'38	
superior conj	6267 Jun 09 04:41	21°Π18'33 -0°49'08	minimum elong	6269 Oct 27 08:02	6°ϯ56'46 8°29'25	
minimum elong	6267 Jun 09 14:38	21°Π49'30 0°48'45	min. Earth dist.	6269 Oct 27 18:03	6°ϯ41'06 0.28912 AU	
max. Earth dist.	6267 Jun 12 22:48	25°Π58'42 1.72283 AU	morning rise	6269 Oct 30 18:31	4°ϯ49'16	
	6267 Jun 16 04:28	0°Ϣ		6269 Nov 09 18:42	30°ϠΩ	
asc. node	6267 Jun 30 18:15	18°Ϣ04'39	direct	6269 Nov 17 15:55	28°Ω44'45	
	6267 Jul 10 09:38	0°Ω		6269 Nov 25 20:39	0°ϯ	
evening rise	6267 Jul 17 16:09	8°Ω58'36	greatest brilliancy	6269 Nov 28 16:40	0°ϯ57'49 -4.8m	
	6267 Aug 03 17:59	0°ϯ	asc. node	6269 Dec 15 13:32	10°ϯ54'17	
	6267 Aug 28 05:54	0°Ω		6270 Jan 06 00:31	0°Ϡ	
	6267 Sep 21 22:39	0°ϯ	morning max el	6270 Jan 06 14:08	0°Ϡ33'53 46°23'56	
	6267 Oct 16 22:18	0°Ϡ		6270 Feb 02 23:55	0°Ϡ	
desc. node	6267 Oct 20 10:17	4°Ϡ10'08		6270 Feb 28 18:19	0°≈	
	6267 Nov 11 07:34	0°Ϡ		6270 Mar 25 15:23	0°Ϡ	
	6267 Dec 07 07:48	0°≈	desc. node	6270 Apr 06 05:35	14°Ϡ10'20	
	6268 Jan 03 15:23	0°Ϡ		6270 Apr 19 02:22	0°Υ	
evening max el	6268 Jan 13 00:09	9°Ϡ37'12 46°52'06		6270 May 13 08:49	0°Ϡ	
	6268 Feb 04 14:56	0°Υ		6270 Jun 06 14:07	0°Π	
asc. node	6268 Feb 10 11:16	4°Υ12'19		6270 Jun 30 20:12	0°Ϣ	
greatest brilliancy	6268 Feb 22 12:39	10°Υ32'47 -4.9m	morning set	6270 Jul 12 00:08	13°Ϣ47'01	
retrograde	6268 Mar 03 10:38	12°Υ24'38		6270 Jul 25 03:38	0°Ω	
evening set	6268 Mar 20 12:11	6°Υ46'58	asc. node	6270 Jul 28 06:07	3°Ω49'31	
min. Earth dist.	6268 Mar 23 15:45	4°Υ52'18 0.26974 AU				
inferior conj	6268 Mar 24 02:13	4°Υ36'09 8°34'18	superior conj	6270 Aug 18 10:39	29°Ω55'58 0°48'03	
minimum elong	6268 Mar 23 18:50	4°Υ47'34 8°33'28	minimum elong	6270 Aug 18 02:03	29°Ω29'28 0°47'41	
morning rise	6268 Mar 27 01:32	2°Υ47'16		6270 Aug 18 11:58	0°ϯ	
	6268 Apr 01 03:36	30°ϠϠ	max. Earth dist.	6270 Aug 18 22:32	0°ϯ32'33 1.73337 AU	
direct	6268 Apr 13 15:16	26°Ϡ51'51		6270 Sep 11 20:42	0°Ω	
greatest brilliancy	6268 Apr 23 00:17	28°Ϡ31'11 -4.9m	evening rise	6270 Sep 23 16:13	14°Ω32'19	
	6268 Apr 26 17:48	0°Υ		6270 Oct 06 06:02	0°ϯ	
desc. node	6268 Jun 01 03:21	27°Υ28'29		6270 Oct 30 16:45	0°Ϡ	
morning max el	6268 Jun 02 17:07	29°Υ01'39 46°36'50	desc. node	6270 Nov 16 22:10	21°Ϡ04'45	
	6268 Jun 03 16:34	0°Ϡ		6270 Nov 24 05:30	0°Ϡ	
	6268 Jul 01 21:03	0°Π		6270 Dec 18 20:41	0°≈	

	6271 Jan 12 15:33	0° H			6273 Sep 02 06:04	0° M		
	6271 Feb 06 18:40	0° Y		morning set	6273 Sep 18 18:25	20° M 15'22		
	6271 Mar 04 18:44	0° B			6273 Sep 26 16:41	0° L		
asc. node	6271 Mar 09 22:50	5° B 44'32			6273 Oct 21 00:40	0° M		
evening max el	6271 Mar 26 14:43	23° B 24'38	47°00'23	max. Earth dist.	6273 Oct 23 08:04	2° M 51'02	1.73097 AU	
	6271 Apr 02 07:01	0° I						
greatest brilliancy	6271 May 05 19:49	24° I 23'55	-4.9m	superior conj	6273 Oct 25 05:42	5° M 11'58	1°24'34	
retrograde	6271 May 16 05:04	26° I 26'02		minimum elong	6273 Oct 25 08:38	5° M 21'03	1°24'34	
evening set	6271 Jun 01 08:00	21° I 20'05			6273 Nov 14 06:52	0° A		
inferior conj	6271 Jun 06 04:57	18° I 23'02	5°27'26	evening rise	6273 Dec 01 13:24	21° A 23'27		
minimum elong	6271 Jun 06 15:07	18° I 07'17	5°24'50		6273 Dec 08 12:06	0° B		
min. Earth dist.	6271 Jun 06 02:47	18° I 26'25	0.27726 AU	desc. node	6273 Dec 14 10:07	7° B 20'12		
morning rise	6271 Jun 11 22:34	14° I 57'37			6274 Jan 01 16:40	0° A		
direct	6271 Jun 27 02:56	10° I 26'50			6274 Jan 25 20:47	0° H		
desc. node	6271 Jun 29 15:12	10° I 34'14			6274 Feb 19 01:36	0° Y		
greatest brilliancy	6271 Jul 06 22:47	12° I 13'38	-4.8m		6274 Mar 15 10:25	0° B		
	6271 Aug 03 08:56	0° B		asc. node	6274 Apr 06 10:38	26° B 40'35		
morning max el	6271 Aug 15 06:27	10° B 52'15	45°52'41		6274 Apr 09 05:16	0° I		
	6271 Sep 03 03:20	0° Q			6274 May 04 20:57	0° B		
	6271 Sep 30 10:18	0° M			6274 Jun 01 11:18	0° Q		
asc. node	6271 Oct 20 15:55	23° M 19'34		evening max el	6274 Jun 06 02:57	4° Q 40'35	46°11'55	
	6271 Oct 26 08:16	0° L			6274 Jul 06 21:20	0° M		
	6271 Nov 20 10:54	0° M		greatest brilliancy	6274 Jul 14 13:11	3° M 44'55	-4.8m	
	6271 Dec 15 00:58	0° A		retrograde	6274 Jul 25 15:41	5° M 59'32		
	6272 Jan 08 07:07	0° B		desc. node	6274 Jul 27 03:03	5° M 56'59		
	6272 Feb 01 08:23	0° A		evening set	6274 Aug 10 01:48	1° M 23'19		
desc. node	6272 Feb 09 07:46	9° A 59'01			6274 Aug 12 11:04	30° R Q		
morning set	6272 Feb 10 13:20	11° A 31'39		min. Earth dist.	6274 Aug 15 13:26	28° Q 05'01	0.28794 AU	
	6272 Feb 25 06:38	0° H		inferior conj	6274 Aug 16 02:54	27° Q 43'51	-4°34'26	
	6272 Mar 20 03:14	0° Y		minimum elong	6274 Aug 15 18:06	27° Q 57'41	4°32'14	
				morning rise	6274 Aug 21 10:49	24° Q 29'29		
superior conj	6272 Mar 22 16:30	3° Y 12'45	-1°20'45	direct	6274 Sep 06 14:10	19° Q 32'53		
minimum elong	6272 Mar 22 07:50	2° Y 45'30	1°20'35	greatest brilliancy	6274 Sep 16 11:23	21° Q 18'27	-4.7m	
max. Earth dist.	6272 Mar 23 08:40	4° Y 03'35	1.71172 AU		6274 Oct 02 12:45	0° M		
	6272 Apr 12 23:48	0° B		morning max el	6274 Oct 25 07:09	19° M 18'51	45°44'44	
evening rise	6272 May 02 09:19	24° B 19'13			6274 Nov 05 00:45	0° L		
	6272 May 06 22:22	0° I		asc. node	6274 Nov 17 03:50	12° L 49'36		
	6272 May 31 00:51	0° B			6274 Dec 02 14:25	0° M		
asc. node	6272 Jun 01 08:26	1° B 37'48			6274 Dec 28 07:51	0° A		
	6272 Jun 24 08:51	0° Q			6275 Jan 22 04:05	0° B		
	6272 Jul 18 23:57	0° M			6275 Feb 15 13:03	0° A		
	6272 Aug 13 01:06	0° L		desc. node	6275 Mar 08 19:38	26° A 27'25		
	6272 Sep 07 18:12	0° M			6275 Mar 11 15:46	0° H		
desc. node	6272 Sep 21 00:28	15° M 00'39			6275 Apr 04 15:12	0° Y		
	6272 Oct 04 15:58	0° A		morning set	6275 Apr 28 05:24	29° Y 34'09		
evening max el	6272 Oct 28 21:01	24° A 49'33	45°58'00		6275 Apr 28 13:39	0° B		
	6272 Nov 03 09:14	0° B			6275 May 22 13:09	0° I		
greatest brilliancy	6272 Dec 07 10:29	23° B 26'50	-4.8m					
retrograde	6272 Dec 16 22:53	25° B 06'10		superior conj	6275 Jun 06 18:16	18° I 58'08	-0°52'07	
evening set	6272 Dec 31 15:26	20° B 53'54		minimum elong	6275 Jun 07 04:34	19° I 30'11	0°51'45	
inferior conj	6273 Jan 06 17:06	17° B 19'43	-1°21'43	max. Earth dist.	6275 Jun 10 12:49	23° I 39'49	1.72230 AU	
minimum elong	6273 Jan 06 20:12	17° B 14'57	1°20'41		6275 Jun 15 15:10	0° B		
min. Earth dist.	6273 Jan 07 06:37	16° B 58'57	0.27203 AU	asc. node	6275 Jun 29 20:13	17° B 37'42		
asc. node	6273 Jan 12 01:25	14° B 08'39			6275 Jul 09 20:19	0° Q		
morning rise	6273 Jan 13 00:24	13° B 37'12		evening rise	6275 Jul 15 08:05	6° Q 46'44		
direct	6273 Jan 27 14:13	9° B 25'55			6275 Aug 03 04:44	0° M		
greatest brilliancy	6273 Feb 07 07:18	11° B 35'54	-4.9m		6275 Aug 27 16:52	0° L		
	6273 Mar 06 02:55	0° A			6275 Sep 21 10:03	0° M		
morning max el	6273 Mar 19 05:00	12° A 33'52	46°58'25		6275 Oct 16 10:22	0° A		
	6273 Apr 04 16:39	0° H		desc. node	6275 Oct 19 12:21	3° A 40'01		
	6273 May 01 02:16	0° Y			6275 Nov 10 20:47	0° B		
desc. node	6273 May 03 17:40	3° Y 05'16			6275 Dec 06 23:04	0° A		
	6273 May 26 10:21	0° B			6276 Jan 03 11:28	0° H		
	6273 Jun 20 07:58	0° I		evening max el	6276 Jan 10 12:32	7° H 11'03	46°50'40	
	6273 Jul 15 01:23	0° B			6276 Feb 05 10:37	0° Y		
	6273 Aug 08 16:46	0° Q		asc. node	6276 Feb 09 13:08	2° Y 46'07		
asc. node	6273 Aug 24 17:57	19° Q 35'41		greatest brilliancy	6276 Feb 20 01:45	8° Y 06'29	-4.9m	

retrograde	6276 Feb 29 23:05	9° Υ 58'18		superior conj	6278 Aug 16 03:52	27° Ω 48'08	0°45'18
evening set	6276 Mar 17 20:34	4° Υ 27'07		minimum elong	6278 Aug 15 19:33	27° Ω 22'29	0°44'55
min. Earth dist.	6276 Mar 21 04:38	2° Υ 26'09	0.26955 AU	max. Earth dist.	6278 Aug 16 19:55	28° Ω 37'33	1.73324 AU
inferior conj	6276 Mar 21 15:00	2° Υ 10'12	8°25'22		6278 Aug 17 22:41	0° \mathbb{M}	
minimum elong	6276 Mar 21 06:53	2° Υ 22'42	8°24'21		6278 Sep 11 07:27	0° Ω	
morning rise	6276 Mar 24 17:15	0° Υ 17'07		evening rise	6278 Sep 21 10:07	12° Ω 26'35	
	6276 Mar 25 04:48	30° \mathbb{R} \mathbb{H}			6278 Oct 05 16:55	0° \mathbb{M}	
direct	6276 Apr 11 03:28	24° \mathbb{H} 25'45			6278 Oct 30 03:53	0° \mathbb{X}	
greatest brilliancy	6276 Apr 20 13:53	26° \mathbb{H} 06'21	-4.9m	desc. node	6278 Nov 16 00:14	20° \mathbb{X} 36'09	
	6276 Apr 29 00:00	0° Υ			6278 Nov 23 17:02	0° \mathbb{Z}	
desc. node	6276 May 31 05:28	26° Υ 36'04			6278 Dec 18 08:50	0° \approx	
morning max el	6276 May 31 06:11	26° Υ 37'52	46°38'22		6279 Jan 12 04:33	0° \mathbb{H}	
	6276 Jun 03 14:45	0° \mathbb{B}			6279 Feb 06 09:01	0° Υ	
	6276 Jul 01 13:02	0° \mathbb{I}			6279 Mar 04 11:51	0° \mathbb{B}	
	6276 Jul 27 19:08	0° \mathbb{G}		asc. node	6279 Mar 09 00:54	5° \mathbb{B} 00'54	
	6276 Aug 22 08:29	0° Ω		evening max el	6279 Mar 24 06:10	21° \mathbb{B} 06'13	47°01'29
	6276 Sep 16 11:39	0° \mathbb{M}			6279 Apr 02 08:47	0° \mathbb{I}	
asc. node	6276 Sep 21 05:55	5° \mathbb{M} 43'46		greatest brilliancy	6279 May 03 10:48	22° \mathbb{I} 04'56	-4.9m
	6276 Oct 11 06:35	0° Ω		retrograde	6279 May 13 20:24	24° \mathbb{I} 06'58	
	6276 Nov 04 18:32	0° \mathbb{M}		evening set	6279 May 30 01:37	18° \mathbb{I} 56'56	
morning set	6276 Nov 26 10:56	26° \mathbb{M} 46'58		inferior conj	6279 Jun 03 19:22	16° \mathbb{I} 04'18	5°45'10
	6276 Nov 29 01:12	0° \mathbb{X}		minimum elong	6279 Jun 04 05:46	15° \mathbb{I} 48'10	5°42'36
	6276 Dec 23 04:17	0° \mathbb{Z}		min. Earth dist.	6279 Jun 03 16:57	16° \mathbb{I} 08'04	0.27697 AU
max. Earth dist.	6276 Dec 31 19:34	10° \mathbb{Z} 46'18	1.71936 AU	morning rise	6279 Jun 09 10:19	12° \mathbb{I} 42'47	
				direct	6279 Jun 24 17:36	8° \mathbb{I} 08'46	
superior conj	6277 Jan 03 15:41	14° \mathbb{Z} 18'57	0°17'28	desc. node	6279 Jun 28 17:08	8° \mathbb{I} 27'14	
minimum elong	6277 Jan 03 19:52	14° \mathbb{Z} 32'01	0°17'17	greatest brilliancy	6279 Jul 04 11:47	9° \mathbb{I} 54'36	-4.8m
desc. node	6277 Jan 10 21:53	23° \mathbb{Z} 22'57			6279 Aug 03 13:43	0° \mathbb{G}	
	6277 Jan 16 04:55	0° \approx		morning max el	6279 Aug 12 21:53	8° \mathbb{G} 39'06	45°53'36
	6277 Feb 09 03:47	0° \mathbb{H}			6279 Sep 02 20:41	0° Ω	
evening rise	6277 Feb 12 14:45	4° \mathbb{H} 20'03			6279 Sep 30 00:21	0° \mathbb{M}	
	6277 Mar 05 01:49	0° Υ		asc. node	6279 Oct 19 17:58	22° \mathbb{M} 48'06	
	6277 Mar 29 00:49	0° \mathbb{B}			6279 Oct 25 20:50	0° Ω	
	6277 Apr 22 03:33	0° \mathbb{I}			6279 Nov 19 22:41	0° \mathbb{M}	
asc. node	6277 May 03 22:34	14° \mathbb{I} 32'56			6279 Dec 14 12:21	0° \mathbb{X}	
	6277 May 16 13:32	0° \mathbb{G}			6280 Jan 07 18:18	0° \mathbb{Z}	
	6277 Jun 10 11:19	0° Ω			6280 Jan 31 19:30	0° \approx	
	6277 Jul 06 04:49	0° \mathbb{M}		morning set	6280 Feb 08 00:30	9° \approx 01'31	
	6277 Aug 02 13:36	0° Ω		desc. node	6280 Feb 08 09:40	9° \approx 30'12	
evening max el	6277 Aug 15 15:08	13° Ω 07'34	45°36'22		6280 Feb 24 17:44	0° \mathbb{H}	
desc. node	6277 Aug 23 14:46	20° Ω 33'02			6280 Mar 19 14:18	0° Υ	
	6277 Sep 03 23:13	0° \mathbb{M}					
greatest brilliancy	6277 Sep 23 11:12	11° \mathbb{M} 14'20	-4.7m	superior conj	6280 Mar 20 03:02	0° Υ 40'05	-1°19'08
retrograde	6277 Oct 03 09:49	13° \mathbb{M} 01'43		minimum elong	6280 Mar 19 17:39	0° Υ 10'35	1°18'57
evening set	6277 Oct 21 13:36	6° \mathbb{M} 52'01		max. Earth dist.	6280 Mar 20 14:45	1° Υ 16'55	1.71161 AU
inferior conj	6277 Oct 24 20:10	4° \mathbb{M} 50'46	-8°32'34		6280 Apr 12 10:50	0° \mathbb{B}	
minimum elong	6277 Oct 24 23:03	4° \mathbb{M} 46'14	8°32'26	evening rise	6280 Apr 29 20:31	21° \mathbb{B} 49'32	
min. Earth dist.	6277 Oct 25 08:22	4° \mathbb{M} 31'42	0.28952 AU		6280 May 06 09:24	0° \mathbb{I}	
morning rise	6277 Oct 28 08:22	2° \mathbb{M} 40'38			6280 May 30 11:58	0° \mathbb{G}	
	6277 Nov 02 03:28	30° \mathbb{R} Ω		asc. node	6280 May 31 10:23	1° \mathbb{G} 09'26	
direct	6277 Nov 15 08:23	26° Ω 32'40			6280 Jun 23 20:09	0° Ω	
greatest brilliancy	6277 Nov 26 07:51	28° Ω 44'57	-4.8m		6280 Jul 18 11:38	0° \mathbb{M}	
	6277 Nov 29 06:40	0° \mathbb{M}			6280 Aug 12 13:31	0° Ω	
asc. node	6277 Dec 14 15:35	9° \mathbb{M} 46'29			6280 Sep 07 08:04	0° \mathbb{M}	
morning max el	6278 Jan 04 06:21	28° \mathbb{M} 20'15	46°22'21	desc. node	6280 Sep 20 02:32	14° \mathbb{M} 24'21	
	6278 Jan 05 22:09	0° \mathbb{X}			6280 Oct 04 08:57	0° \mathbb{X}	
	6278 Feb 02 15:37	0° \mathbb{Z}		evening max el	6280 Oct 26 10:59	22° \mathbb{X} 31'46	45°56'16
	6278 Feb 28 07:52	0° \approx			6280 Nov 03 12:08	0° \mathbb{Z}	
	6278 Mar 25 03:52	0° \mathbb{H}		greatest brilliancy	6280 Dec 05 00:37	21° \mathbb{Z} 06'21	-4.8m
desc. node	6278 Apr 05 07:41	13° \mathbb{H} 39'33		retrograde	6280 Dec 14 11:20	22° \mathbb{Z} 44'13	
	6278 Apr 18 14:13	0° Υ		evening set	6280 Dec 29 06:29	18° \mathbb{Z} 29'45	
	6278 May 12 20:14	0° \mathbb{B}		inferior conj	6281 Jan 04 06:35	14° \mathbb{Z} 57'30	-1°44'27
	6278 Jun 06 01:14	0° \mathbb{I}		minimum elong	6281 Jan 04 10:31	14° \mathbb{Z} 51'26	1°43'11
	6278 Jun 30 07:07	0° \mathbb{G}		min. Earth dist.	6281 Jan 04 21:24	14° \mathbb{Z} 34'42	0.27253 AU
morning set	6278 Jul 09 16:12	11° \mathbb{G} 34'57		morning rise	6281 Jan 10 13:55	11° \mathbb{Z} 14'21	
	6278 Jul 24 14:25	0° Ω		asc. node	6281 Jan 11 03:17	10° \mathbb{Z} 56'35	
asc. node	6278 Jul 27 08:00	3° Ω 22'10		direct	6281 Jan 25 04:01	7° \mathbb{Z} 02'49	

greatest brilliancy	6281 Feb 04 22:40	9°  13'44	-4.9m		6283 Aug 27 04:05	0° 	
	6281 Mar 06 07:52	0° 			6283 Sep 20 21:40	0° 	
morning max el	6281 Mar 16 17:45	10°  07'06	46°57'59		6283 Oct 15 22:42	0° 	
	6281 Apr 04 10:42	0° 		desc. node	6283 Oct 18 14:23	3°  2'09'08	
	6281 Apr 30 17:01	0° 			6283 Nov 10 10:20	0° 	
desc. node	6281 May 02 19:40	2°  28'24			6283 Dec 06 14:53	0° 	
	6281 May 25 23:31	0° 			6284 Jan 03 08:40	0° 	
	6281 Jun 19 20:12	0° 		evening max el	6284 Jan 08 01:32	4°  2'45'30	46°49'06
	6281 Jul 14 13:00	0° 			6284 Feb 06 14:23	0° 	
	6281 Aug 08 03:58	0° 		asc. node	6284 Feb 08 15:14	1°  2'15'54	
asc. node	6281 Aug 23 19:59	19°  08'17		greatest brilliancy	6284 Feb 17 14:15	5°  2'38'04	-4.9m
	6281 Sep 01 17:00	0° 		retrograde	6284 Feb 27 12:03	7°  2'30'33	
morning set	6281 Sep 16 12:04	18°  08'49		evening set	6284 Mar 15 04:43	2°  2'05'45	
	6281 Sep 26 03:30	0° 		min. Earth dist.	6284 Mar 18 17:05	29°  2'58'47	0.26936 AU
	6281 Oct 20 11:29	0° 			6284 Mar 18 16:18	30°  2'18'18	
max. Earth dist.	6281 Oct 21 00:44	0°  2'40'53	1.73130 AU	inferior conj	6284 Mar 19 03:36	29°  2'42'38	8°15'26
				minimum elong	6284 Mar 18 18:50	29°  2'56'07	8°14'13
superior conj	6281 Oct 22 23:20	3°  2'04'48	1°25'01	morning rise	6284 Mar 22 09:00	27°  2'45'11	
minimum elong	6281 Oct 23 01:35	3°  2'11'44	1°25'02	direct	6284 Apr 08 15:53	21°  2'58'12	
	6281 Nov 13 17:47	0° 		greatest brilliancy	6284 Apr 18 02:48	23°  2'39'36	-4.9m
evening rise	6281 Nov 29 04:47	19°  2'08'20			6284 Apr 30 12:02	0° 	
	6281 Dec 07 23:11	0° 		morning max el	6284 May 28 20:04	24°  2'15'15	46°39'57
desc. node	6281 Dec 13 12:01	6°  2'51'36		desc. node	6284 May 30 07:26	25°  2'43'32	
	6282 Jan 01 03:59	0° 			6284 Jun 03 12:24	0° 	
	6282 Jan 25 08:22	0° 			6284 Jul 01 04:59	0° 	
	6282 Feb 18 13:35	0° 			6284 Jul 27 08:45	0° 	
	6282 Mar 14 23:00	0° 			6284 Aug 21 20:51	0° 	
asc. node	6282 Apr 05 12:41	26°  2'06'34			6284 Sep 15 23:17	0° 	
	6282 Apr 08 18:51	0° 		asc. node	6284 Sep 20 07:59	5°  2'15'20	
	6282 May 04 12:29	0° 			6284 Oct 10 17:46	0° 	
	6282 Jun 01 08:05	0° 			6284 Nov 04 05:30	0° 	
evening max el	6282 Jun 03 17:22	2°  2'23'01	46°13'53	morning set	6284 Nov 24 03:23	24°  2'35'37	
	6282 Jul 08 15:36	0° 			6284 Nov 28 12:04	0° 	
greatest brilliancy	6282 Jul 12 06:03	1°  2'34'34	-4.8m		6284 Dec 22 15:10	0° 	
retrograde	6282 Jul 23 07:42	3°  2'49'04		max. Earth dist.	6284 Dec 29 11:35	8°  2'32'28	1.71983 AU
desc. node	6282 Jul 26 04:59	3°  2'39'08					
	6282 Aug 06 07:07	30°  2'18'02		superior conj	6285 Jan 01 05:18	11°  2'57'28	0°21'01
evening set	6282 Aug 07 16:25	29°  2'15'12		minimum elong	6285 Jan 01 10:16	12°  2'12'58	0°20'50
min. Earth dist.	6282 Aug 13 05:56	25°  2'54'34	0.28755 AU	desc. node	6285 Jan 09 23:53	22°  2'54'59	
inferior conj	6282 Aug 13 19:10	25°  2'33'47	-4°17'21		6285 Jan 15 15:54	0° 	
minimum elong	6282 Aug 13 10:43	25°  2'47'03	4°15'10		6285 Feb 08 14:54	0° 	
morning rise	6282 Aug 19 05:23	22°  2'16'05		evening rise	6285 Feb 10 02:38	1°  2'51'59	
direct	6282 Sep 04 05:29	17°  2'23'18			6285 Mar 04 13:04	0° 	
greatest brilliancy	6282 Sep 14 03:32	19°  2'09'12	-4.7m		6285 Mar 28 12:13	0° 	
	6282 Oct 03 03:59	0° 			6285 Apr 21 15:12	0° 	
morning max el	6282 Oct 22 21:42	17°  2'05'06	45°44'07	asc. node	6285 May 03 00:31	14°  2'02'32	
	6282 Nov 04 19:21	0° 			6285 May 16 01:37	0° 	
asc. node	6282 Nov 16 05:48	12°  2'10'28			6285 Jun 10 00:12	0° 	
	6282 Dec 02 04:57	0° 			6285 Jul 05 19:20	0° 	
	6282 Dec 27 20:48	0° 			6285 Aug 02 08:10	0° 	
	6283 Jan 21 16:16	0° 		evening max el	6285 Aug 13 07:26	10°  2'57'51	45°36'53
	6283 Feb 15 00:48	0° 		desc. node	6285 Aug 22 16:54	19°  2'38'32	
desc. node	6283 Mar 07 21:46	25°  2'58'12			6285 Sep 04 13:39	0° 	
	6283 Mar 11 03:15	0° 		greatest brilliancy	6285 Sep 21 01:07	9°  2'02'42	-4.7m
	6283 Apr 04 02:30	0° 		retrograde	6285 Oct 01 02:08	10°  2'51'40	
morning set	6283 Apr 25 16:41	27°  2'04'06		evening set	6285 Oct 19 05:52	4°  2'41'08	
	6283 Apr 28 00:49	0° 		inferior conj	6285 Oct 22 12:13	2°  2'40'00	-8°34'47
	6283 May 22 00:13	0° 		minimum elong	6285 Oct 22 14:21	2°  2'36'41	8°34'43
				min. Earth dist.	6285 Oct 22 22:45	2°  2'23'31	0.28984 AU
superior conj	6283 Jun 04 07:48	16°  2'36'37	-0°55'02	morning rise	6285 Oct 25 22:43	0° 	
minimum elong	6283 Jun 04 18:25	17°  2'09'39	0°54'40		6285 Oct 26 20:27	30°  2'18'22	
max. Earth dist.	6283 Jun 08 00:43	21°  2'13'20	1.72176 AU	direct	6285 Nov 13 01:15	24°  2'21'53	
	6283 Jun 15 02:09	0° 		greatest brilliancy	6285 Nov 23 22:29	26°  2'32'17	-4.8m
asc. node	6283 Jun 28 22:10	17°  2'09'47			6285 Dec 01 04:12	0° 	
	6283 Jul 09 07:16	0°		asc. node	6285 Dec 13 17:28	8° 2'40'43	
evening rise	6283 Jul 13 00:09	4° 2'34'22		morning max el	6286 Jan 01 22:26	26° 2'06'49	46°20'37
	6283 Aug 02 15:45	0°			6286 Jan 05 18:53	0°	

	6286 Feb 02 07:03	0°☾			6288 Oct 04 02:04	0°☿	
	6286 Feb 27 21:20	0°♊		evening max el	6288 Oct 24 00:15	20°☿13'12	45°54'42
	6286 Mar 24 16:23	0°♋			6288 Nov 03 16:20	0°☾	
desc. node	6286 Apr 04 09:42	13°♋08'14		greatest brilliancy	6288 Dec 02 15:08	18°☾47'36	-4.8m
	6286 Apr 18 02:09	0°♌		retrograde	6288 Dec 11 23:58	20°☾24'12	
	6286 May 12 07:46	0°♍		evening set	6288 Dec 26 21:51	16°☾06'59	
	6286 Jun 05 12:26	0°♎		inferior conj	6289 Jan 01 20:18	12°☾37'06	-2°06'51
	6286 Jun 29 18:04	0°♏		minimum elong	6289 Jan 02 01:02	12°☾29'49	2°05'21
morning set	6286 Jul 07 08:02	9°♏22'04		min. Earth dist.	6289 Jan 02 12:32	12°☾12'07	0.27302 AU
	6286 Jul 24 01:13	0°♐		morning rise	6289 Jan 08 03:26	8°☾53'46	
asc. node	6286 Jul 26 10:04	2°♐55'17		asc. node	6289 Jan 10 05:24	7°☾49'46	
				direct	6289 Jan 22 17:39	4°☾41'25	
superior conj	6286 Aug 13 21:01	25°♐40'03	0°42'29	greatest brilliancy	6289 Feb 02 14:34	6°☾53'58	-4.9m
minimum elong	6286 Aug 13 13:01	25°♐15'24	0°42'06		6289 Mar 06 10:26	0°♊	
max. Earth dist.	6286 Aug 14 17:50	26°♐44'10	1.73305 AU	morning max el	6289 Mar 14 06:46	7°♊42'26	46°57'38
	6286 Aug 17 09:25	0°♋			6289 Apr 04 03:50	0°♋	
	6286 Sep 10 18:11	0°♌			6289 Apr 30 07:09	0°♌	
evening rise	6286 Sep 19 04:11	10°♌21'24		desc. node	6289 May 01 21:38	1°♌53'05	
	6286 Oct 05 03:46	0°♍			6289 May 25 12:13	0°♍	
	6286 Oct 29 14:57	0°♎			6289 Jun 19 08:05	0°♎	
desc. node	6286 Nov 15 02:10	20°♎07'29			6289 Jul 14 00:21	0°♏	
	6286 Nov 23 04:29	0°☾			6289 Aug 07 14:56	0°♐	
	6286 Dec 17 20:51	0°♊		asc. node	6289 Aug 22 22:03	18°♐41'41	
	6287 Jan 11 17:27	0°♋			6289 Sep 01 03:42	0°♋	
	6287 Feb 05 23:24	0°♌		morning set	6289 Sep 14 05:20	16°♋01'53	
	6287 Mar 04 05:18	0°♍			6289 Sep 25 14:02	0°♌	
asc. node	6287 Mar 08 02:55	4°♍16'33		max. Earth dist.	6289 Oct 18 19:08	28°♌37'04	1.73159 AU
evening max el	6287 Mar 21 21:16	18°♍46'37	47°02'07		6289 Oct 19 22:00	0°♍	
	6287 Apr 02 12:12	0°♎					
greatest brilliancy	6287 May 01 02:08	19°♎45'22	-4.9m	superior conj	6289 Oct 20 16:47	0°♎57'58	1°25'20
retrograde	6287 May 11 11:02	21°♎46'21		minimum elong	6289 Oct 20 18:19	1°♎02'44	1°25'22
evening set	6287 May 27 19:02	16°♎32'26			6289 Nov 13 04:23	0°♏	
inferior conj	6287 Jun 01 09:28	13°♎44'20	6°02'35	evening rise	6289 Nov 26 20:15	16°♏54'33	
minimum elong	6287 Jun 01 20:02	13°♎27'56	6°00'05		6289 Dec 07 09:57	0°☾	
min. Earth dist.	6287 Jun 01 07:02	13°♎48'08	0.27668 AU	desc. node	6289 Dec 12 14:02	6°☾24'20	
morning rise	6287 Jun 06 21:27	10°♎26'51			6289 Dec 31 14:58	0°♊	
direct	6287 Jun 22 07:47	5°♎49'35			6290 Jan 24 19:37	0°♋	
desc. node	6287 Jun 27 19:07	6°♎24'04			6290 Feb 18 01:12	0°♌	
greatest brilliancy	6287 Jul 02 00:39	7°♎34'23	-4.8m		6290 Mar 14 11:11	0°♍	
	6287 Aug 03 16:51	0°♏		asc. node	6290 Apr 04 14:39	25°♍33'32	
morning max el	6287 Aug 10 12:06	6°♏22'46	45°54'43		6290 Apr 08 08:02	0°♎	
	6287 Sep 02 13:38	0°♐			6290 May 04 03:45	0°♏	
	6287 Sep 29 14:07	0°♑			6290 Jun 01 05:09	0°♐	
asc. node	6287 Oct 18 19:52	22°♑16'48		evening max el	6290 Jun 01 07:36	0°♐06'04	46°15'38
	6287 Oct 25 09:09	0°♒		greatest brilliancy	6290 Jul 09 22:12	29°♐23'38	-4.8m
	6287 Nov 19 10:14	0°♓			6290 Jul 11 14:22	0°♑	
	6287 Dec 13 23:30	0°♏		retrograde	6290 Jul 20 23:51	1°♑38'40	
	6288 Jan 07 05:15	0°☾		desc. node	6290 Jul 25 07:08	1°♑16'22	
	6288 Jan 31 06:21	0°♊			6290 Jul 30 01:15	30°♒♐	
morning set	6288 Feb 05 12:17	6°♊34'09		evening set	6290 Aug 05 06:54	27°♒06'39	
desc. node	6288 Feb 07 11:49	9°♊03'02		inferior conj	6290 Aug 11 11:09	23°♒23'35	-3°59'33
	6288 Feb 24 04:33	0°♋		minimum elong	6290 Aug 11 03:07	23°♒36'10	3°57'26
				min. Earth dist.	6290 Aug 10 22:07	23°♒44'00	0.28722 AU
superior conj	6288 Mar 17 13:53	28°♋09'15	-1°17'23	morning rise	6290 Aug 16 23:41	20°♒02'48	
minimum elong	6288 Mar 17 03:52	27°♋37'45	1°17'08	direct	6290 Sep 01 20:36	15°♒13'24	
max. Earth dist.	6288 Mar 17 19:09	28°♋25'49	1.71160 AU	greatest brilliancy	6290 Sep 11 19:33	17°♒00'00	-4.7m
	6288 Mar 19 01:06	0°♌			6290 Oct 03 15:06	0°♑	
	6288 Apr 11 21:40	0°♍		morning max el	6290 Oct 20 12:53	14°♑53'37	45°43'40
evening rise	6288 Apr 27 07:31	19°♍19'37			6290 Nov 04 13:12	0°♒	
	6288 May 05 20:18	0°♎		asc. node	6290 Nov 15 07:49	11°♒32'40	
	6288 May 29 22:59	0°♏			6290 Dec 01 19:00	0°♓	
asc. node	6288 May 30 12:19	0°♏41'20			6290 Dec 27 09:19	0°♏	
	6288 Jun 23 07:21	0°♐			6291 Jan 21 04:02	0°☾	
	6288 Jul 17 23:13	0°♑			6291 Feb 14 12:08	0°♊	
	6288 Aug 12 01:51	0°♒		desc. node	6291 Mar 06 23:41	25°♊29'37	
	6288 Sep 06 21:52	0°♓			6291 Mar 10 14:18	0°♋	
desc. node	6288 Sep 19 04:32	13°♓48'13			6291 Apr 03 13:22	0°♌	

morning set	6291 Apr 23 04:14	24° Υ 36'09	evening set	6293 Oct 16 21:45	2° \mathbb{M} 31'17
	6291 Apr 27 11:32	0° \mathcal{B}	inferior conj	6293 Oct 20 04:11	0° \mathbb{M} 29'43 -8°36'18
	6291 May 21 10:49	0° \mathbb{I}	minimum elong	6293 Oct 20 05:32	0° \mathbb{M} 27'36 8°36'15
			min. Earth dist.	6293 Oct 20 13:20	0° \mathbb{M} 15'23 0.29017 AU
superior conj	6291 Jun 01 21:35	14° \mathbb{I} 17'09 -0°57'50		6293 Oct 20 23:09	30° \mathcal{R} $\underline{\mathcal{A}}$
minimum elong	6291 Jun 02 08:24	14° \mathbb{I} 50'54 0°57'28	morning rise	6293 Oct 23 13:16	28° $\underline{\mathcal{A}}$ 24'06
max. Earth dist.	6291 Jun 05 13:17	18° \mathbb{I} 50'16 1.72128 AU	direct	6293 Nov 10 17:59	22° $\underline{\mathcal{A}}$ 11'33
	6291 Jun 14 12:41	0° \mathcal{E}	greatest brilliancy	6293 Nov 21 13:03	24° $\underline{\mathcal{A}}$ 19'48 -4.8m
asc. node	6291 Jun 28 00:15	16° \mathcal{E} 43'37		6293 Dec 02 10:45	0° \mathbb{M}
	6291 Jul 08 17:48	0° \mathcal{Q}	asc. node	6293 Dec 12 19:34	7° \mathbb{M} 37'18
evening rise	6291 Jul 10 16:20	2° \mathcal{Q} 23'38	morning max el	6293 Dec 30 13:44	23° \mathbb{M} 51'48 46°18'53
	6291 Aug 02 02:24	0° \mathbb{M}		6294 Jan 05 14:50	0° \mathcal{A}
	6291 Aug 26 15:00	0° $\underline{\mathcal{A}}$		6294 Feb 01 22:07	0° \mathcal{Z}
	6291 Sep 20 09:00	0° \mathbb{M}		6294 Feb 27 10:33	0° \approx
	6291 Oct 15 10:47	0° \mathcal{A}		6294 Mar 24 04:38	0° \mathcal{H}
desc. node	6291 Oct 17 16:17	2° \mathcal{A} 38'40	desc. node	6294 Apr 03 11:36	12° \mathcal{H} 37'21
	6291 Nov 09 23:40	0° \mathcal{Z}		6294 Apr 17 13:50	0° Υ
	6291 Dec 06 06:36	0° \approx		6294 May 11 19:03	0° \mathcal{B}
	6292 Jan 03 06:13	0° \mathcal{H}		6294 Jun 04 23:25	0° \mathbb{I}
evening max el	6292 Jan 05 15:23	2° \mathcal{H} 23'26 46°47'37		6294 Jun 29 04:50	0° \mathcal{E}
asc. node	6292 Feb 07 17:16	29° \mathcal{H} 43'34	morning set	6294 Jul 05 00:02	7° \mathcal{E} 10'08
	6292 Feb 08 05:04	0° Υ		6294 Jul 23 11:49	0° \mathcal{Q}
greatest brilliancy	6292 Feb 15 02:24	3° Υ 10'32 -4.9m	asc. node	6294 Jul 25 12:05	2° \mathcal{Q} 28'53
retrograde	6292 Feb 25 01:29	5° Υ 03'51			
	6292 Mar 12 02:47	30° \mathcal{R} \mathcal{H}	superior conj	6294 Aug 11 14:21	23° \mathcal{Q} 33'09 0°39'36
evening set	6292 Mar 12 12:53	29° \mathcal{H} 45'29	minimum elong	6294 Aug 11 06:43	23° \mathcal{Q} 09'38 0°39'15
min. Earth dist.	6292 Mar 16 05:20	27° \mathcal{H} 32'43 0.26914 AU	max. Earth dist.	6294 Aug 12 15:29	24° \mathcal{Q} 50'34 1.73282 AU
inferior conj	6292 Mar 16 16:10	27° \mathcal{H} 16'06 8°04'34		6294 Aug 16 19:56	0° \mathbb{M}
minimum elong	6292 Mar 16 06:50	27° \mathcal{H} 30'25 8°03'09		6294 Sep 10 04:44	0° $\underline{\mathcal{A}}$
morning rise	6292 Mar 20 00:54	25° \mathcal{H} 14'00	evening rise	6294 Sep 16 22:24	8° $\underline{\mathcal{A}}$ 17'16
direct	6292 Apr 06 04:45	19° \mathcal{H} 31'51		6294 Oct 04 14:27	0° \mathbb{M}
greatest brilliancy	6292 Apr 15 15:14	21° \mathcal{H} 13'22 -4.9m		6294 Oct 29 01:56	0° \mathcal{A}
	6292 May 01 12:58	0° Υ	desc. node	6294 Nov 14 04:12	19° \mathcal{A} 39'17
morning max el	6292 May 26 10:25	21° Υ 55'10 46°41'32		6294 Nov 22 15:56	0° \mathcal{Z}
desc. node	6292 May 29 09:25	24° Υ 53'24		6294 Dec 17 08:56	0° \approx
	6292 Jun 03 08:46	0° \mathcal{B}		6295 Jan 11 06:27	0° \mathcal{H}
	6292 Jun 30 20:11	0° \mathbb{I}		6295 Feb 05 13:55	0° Υ
	6292 Jul 26 21:47	0° \mathcal{E}		6295 Mar 03 23:05	0° \mathcal{B}
	6292 Aug 21 08:45	0° \mathcal{Q}	asc. node	6295 Mar 07 04:51	3° \mathcal{B} 31'35
	6292 Sep 15 10:31	0° \mathbb{M}	evening max el	6295 Mar 19 11:22	16° \mathcal{B} 24'30 47°02'50
asc. node	6292 Sep 19 09:51	4° \mathbb{M} 47'18		6295 Apr 02 17:20	0° \mathbb{I}
	6292 Oct 10 04:39	0° $\underline{\mathcal{A}}$	greatest brilliancy	6295 Apr 28 18:01	17° \mathbb{I} 26'35 -4.9m
	6292 Nov 03 16:11	0° \mathbb{M}	retrograde	6295 May 09 01:11	19° \mathbb{I} 25'55
morning set	6292 Nov 21 19:37	22° \mathbb{M} 24'24	evening set	6295 May 25 12:33	14° \mathbb{I} 08'00
	6292 Nov 27 22:41	0° \mathcal{A}	inferior conj	6295 May 29 23:36	11° \mathbb{I} 24'38 6°19'28
	6292 Dec 22 01:47	0° \mathcal{Z}	minimum elong	6295 May 30 10:16	11° \mathbb{I} 08'02 6°17'00
max. Earth dist.	6292 Dec 27 01:52	6° \mathcal{Z} 14'10 1.72025 AU	min. Earth dist.	6295 May 29 21:25	11° \mathbb{I} 28'02 0.27638 AU
			morning rise	6295 Jun 04 08:22	8° \mathbb{I} 11'20
superior conj	6292 Dec 29 18:45	9° \mathcal{Z} 36'27 0°24'34	direct	6295 Jun 19 21:28	3° \mathbb{I} 30'29
minimum elong	6292 Dec 30 00:27	9° \mathcal{Z} 54'15 0°24'20	desc. node	6295 Jun 26 21:15	4° \mathbb{I} 25'54
desc. node	6293 Jan 09 01:57	22° \mathcal{Z} 28'03	greatest brilliancy	6295 Jun 29 13:58	5° \mathbb{I} 14'41 -4.8m
	6293 Jan 15 02:36	0° \approx		6295 Aug 03 18:25	0° \mathcal{E}
evening rise	6293 Feb 07 14:23	29° \approx 24'29	morning max el	6295 Aug 08 01:46	4° \mathcal{E} 05'04 45°56'00
	6293 Feb 08 01:43	0° \mathcal{H}		6295 Sep 02 06:09	0° \mathcal{Q}
	6293 Mar 04 00:02	0° Υ		6295 Sep 29 03:41	0° \mathbb{M}
	6293 Mar 27 23:21	0° \mathcal{B}	asc. node	6295 Oct 17 21:54	21° \mathbb{M} 46'14
	6293 Apr 21 02:34	0° \mathbb{I}		6295 Oct 24 21:20	0° $\underline{\mathcal{A}}$
asc. node	6293 May 02 02:29	13° \mathbb{I} 33'05		6295 Nov 18 21:44	0° \mathbb{M}
	6293 May 15 13:25	0° \mathcal{E}		6295 Dec 13 10:40	0° \mathcal{A}
	6293 Jun 09 12:48	0° \mathcal{Q}		6296 Jan 06 16:17	0° \mathcal{Z}
	6293 Jul 05 09:38	0° \mathbb{M}		6296 Jan 30 17:21	0° \approx
	6293 Aug 02 02:49	0° $\underline{\mathcal{A}}$	morning set	6296 Feb 02 23:41	4° \approx 05'12
evening max el	6293 Aug 10 23:38	8° $\underline{\mathcal{A}}$ 48'47 45°37'15	desc. node	6296 Feb 06 13:45	8° \approx 34'44
desc. node	6293 Aug 21 18:50	18° $\underline{\mathcal{A}}$ 43'25		6296 Feb 23 15:31	0° \mathcal{H}
	6293 Sep 05 08:36	0° \mathbb{M}			
greatest brilliancy	6293 Sep 18 15:28	6° \mathbb{M} 52'11 -4.7m	superior conj	6296 Mar 15 00:19	25° \mathcal{H} 36'42 -1°15'26
retrograde	6293 Sep 28 17:50	8° \mathbb{M} 41'57	minimum elong	6296 Mar 14 13:43	25° \mathcal{H} 03'22 1°15'09

max. Earth dist.	6296 Mar 14 20:53	25° Υ 25'55	1.71159 AU	morning max el	6298 Oct 18 05:06	12° Π 43'53	45°43'18
	6296 Mar 18 12:02	0° Υ			6298 Nov 04 06:57	0° Ω	
	6296 Apr 11 08:36	0° Υ		asc. node	6298 Nov 14 09:50	10° Ω 54'31	
evening rise	6296 Apr 24 18:11	16° Υ 48'23			6298 Dec 01 09:10	0° Π	
	6296 May 05 07:17	0° Π			6298 Dec 26 22:01	0° Υ	
	6296 May 29 10:04	0° Ω			6299 Jan 20 16:00	0° Ω	
asc. node	6296 May 29 14:26	0° Ω 13'29			6299 Feb 13 23:42	0° \approx	
	6296 Jun 22 18:39	0° Ω		desc. node	6299 Mar 06 01:38	25° \approx 00'07	
	6296 Jul 17 10:55	0° Π			6299 Mar 10 01:40	0° Υ	
	6296 Aug 11 14:19	0° Ω			6299 Apr 03 00:36	0° Υ	
	6296 Sep 06 11:52	0° Π		morning set	6299 Apr 20 15:17	22° Υ 05'19	
desc. node	6296 Sep 18 06:29	13° Π 11'35			6299 Apr 26 22:41	0° Υ	
	6296 Oct 03 19:35	0° Υ			6299 May 20 21:53	0° Π	
evening max el	6296 Oct 21 13:10	17° Υ 53'55	45°53'12				
	6296 Nov 03 22:35	0° Ω		superior conj	6299 May 30 10:41	11° Π 54'04	-1°00'35
greatest brilliancy	6296 Nov 30 05:06	16° Ω 28'16	-4.8m	minimum elong	6299 May 30 21:40	12° Π 28'18	1°00'13
retrograde	6296 Dec 09 12:55	18° Ω 04'17		max. Earth dist.	6299 Jun 03 01:28	16° Π 24'30	1.72078 AU
evening set	6296 Dec 24 13:22	13° Ω 43'37			6299 Jun 13 23:39	0° Ω	
inferior conj	6296 Dec 30 10:03	10° Ω 16'24	-2°28'55	asc. node	6299 Jun 27 02:12	16° Ω 15'41	
minimum elong	6296 Dec 30 15:32	10° Ω 07'57	2°27'12	evening rise	6299 Jul 08 07:59	0° Ω 09'55	
min. Earth dist.	6296 Dec 31 03:33	9° Ω 49'27	0.27361 AU		6299 Jul 08 04:46	0° Ω	
morning rise	6297 Jan 05 16:51	6° Ω 33'21			6299 Aug 01 13:27	0° Π	
asc. node	6297 Jan 09 07:24	4° Ω 46'55			6299 Aug 26 02:17	0° Ω	
direct	6297 Jan 20 07:24	2° Ω 19'22			6299 Sep 19 20:45	0° Π	
greatest brilliancy	6297 Jan 31 06:40	4° Ω 33'55	-4.9m		6299 Oct 14 23:16	0° Υ	
	6297 Mar 06 12:00	0° \approx		desc. node	6299 Oct 16 18:21	2° Υ 07'32	
morning max el	6297 Mar 11 20:52	5° \approx 19'30	46°57'08		6299 Nov 09 13:28	0° Ω	
	6297 Apr 03 21:00	0° Υ			6299 Dec 05 22:54	0° \approx	
	6297 Apr 29 21:28	0° Υ			6300 Jan 03 04:55	0° Υ	
desc. node	6297 Apr 30 23:41	1° Υ 17'12		evening max el	6300 Jan 03 06:13	0° Υ 03'13	46°46'05
	6297 May 25 01:08	0° Υ		asc. node	6300 Feb 06 19:07	28° Υ 07'02	
	6297 Jun 18 20:09	0° Π			6300 Feb 10 18:51	0° Υ	
	6297 Jul 13 11:52	0° Ω		greatest brilliancy	6300 Feb 12 14:33	0° Υ 42'36	-4.9m
	6297 Aug 07 02:04	0° Ω		retrograde	6300 Feb 22 14:51	2° Υ 36'26	
asc. node	6297 Aug 21 23:55	18° Ω 13'51			6300 Mar 05 21:31	30° Υ	
	6297 Aug 31 14:35	0° Π		evening set	6300 Mar 10 21:12	27° Υ 24'42	
morning set	6297 Sep 11 22:48	13° Π 54'59		min. Earth dist.	6300 Mar 14 17:40	25° Υ 06'04	0.26896 AU
	6297 Sep 25 00:46	0° Ω		inferior conj	6300 Mar 15 04:50	24° Υ 48'57	7°52'41
max. Earth dist.	6297 Oct 16 15:23	26° Ω 38'17	1.73184 AU	minimum elong	6300 Mar 14 19:01	25° Υ 03'59	7°51'05
				morning rise	6300 Mar 18 16:59	22° Υ 41'53	
superior conj	6297 Oct 18 10:34	28° Ω 51'35	1°25'33	direct	6300 Apr 04 18:03	17° Υ 05'02	
minimum elong	6297 Oct 18 11:24	28° Ω 54'09	1°25'34	greatest brilliancy	6300 Apr 14 03:39	18° Υ 46'08	-4.9m
	6297 Oct 19 08:43	0° Π			6300 May 03 07:49	0° Υ	
	6297 Nov 12 15:11	0° Υ		morning max el	6300 May 25 00:32	19° Υ 33'08	46°42'48
evening rise	6297 Nov 24 12:12	14° Υ 41'44		desc. node	6300 May 29 11:30	24° Υ 03'04	
	6297 Dec 06 20:55	0° Ω			6300 Jun 04 05:01	0° Υ	
desc. node	6297 Dec 11 16:07	5° Ω 56'40			6300 Jul 01 11:41	0° Π	
	6297 Dec 31 02:11	0° \approx			6300 Jul 27 11:14	0° Ω	
	6298 Jan 24 07:10	0° Υ			6300 Aug 21 21:03	0° Ω	
	6298 Feb 17 13:13	0° Υ			6300 Sep 15 22:09	0° Π	
	6298 Mar 13 23:51	0° Υ		asc. node	6300 Sep 19 11:55	4° Π 18'42	
asc. node	6298 Apr 03 16:37	24° Υ 59'03			6300 Oct 10 15:52	0° Ω	
	6298 Apr 07 21:47	0° Π			6300 Nov 04 03:12	0° Π	
	6298 May 03 19:44	0° Ω		morning set	6300 Nov 20 12:00	20° Π 12'44	
evening max el	6298 May 29 22:35	27° Ω 49'50	46°17'41		6300 Nov 28 09:37	0° Υ	
	6298 Jun 01 03:31	0° Ω			6300 Dec 22 12:44	0° Ω	
greatest brilliancy	6298 Jul 07 13:55	27° Ω 11'08	-4.8m	max. Earth dist.	6300 Dec 25 13:56	3° Ω 48'00	1.72066 AU
retrograde	6298 Jul 18 16:30	29° Ω 27'15					
desc. node	6298 Jul 24 09:01	28° Ω 47'59		superior conj	6300 Dec 28 08:40	7° Ω 15'58	0°28'02
evening set	6298 Aug 02 21:34	24° Ω 56'49		minimum elong	6300 Dec 28 15:03	7° Ω 35'53	0°27'46
min. Earth dist.	6298 Aug 08 13:58	21° Ω 32'47	0.28684 AU	desc. node	6301 Jan 09 03:53	21° Ω 59'44	
inferior conj	6298 Aug 09 03:06	21° Ω 12'16	-3°41'21		6301 Jan 15 13:37	0° \approx	
minimum elong	6298 Aug 08 19:32	21° Ω 24'05	3°39'19	evening rise	6301 Feb 06 02:35	26° \approx 57'29	
morning rise	6298 Aug 14 17:54	17° Ω 48'42			6301 Feb 08 12:50	0° Υ	
direct	6298 Aug 30 12:00	13° Ω 02'28			6301 Mar 04 11:16	0° Υ	
greatest brilliancy	6298 Sep 09 11:02	14° Ω 49'23	-4.7m		6301 Mar 28 10:46	0° Υ	
	6298 Oct 03 23:38	0° Π			6301 Apr 21 14:16	0° Π	

asc. node	6301 May 02 04:34	13° Π 02'57		6303 Nov 19 09:20	0° \mathbb{M}	
	6301 May 16 01:36	0° \mathfrak{G}		6303 Dec 13 21:55	0° \mathfrak{X}	
	6301 Jun 10 01:55	0° Ω		6304 Jan 07 03:22	0° \mathfrak{Z}	
	6301 Jul 06 00:34	0° \mathbb{P}		6304 Jan 31 04:22	0° \approx	
	6301 Aug 02 22:33	0° $\underline{\mathfrak{L}}$		6304 Feb 01 11:19	1° \approx 36'52	
evening max el	6301 Aug 09 15:27	6° $\underline{\mathfrak{L}}$ 37'21	45°37'46	desc. node	6304 Feb 06 15:41	8° \approx 06'17
desc. node	6301 Aug 21 20:48	17° $\underline{\mathfrak{L}}$ 45'57			6304 Feb 24 02:30	0° \mathfrak{K}
	6301 Sep 07 11:24	0° \mathbb{M}				
greatest brilliancy	6301 Sep 17 06:33	4° \mathbb{M} 41'29	-4.7m	superior conj	6304 Mar 13 10:54	23° \mathfrak{K} 04'29 -1°13'20
retrograde	6301 Sep 27 09:13	6° \mathbb{M} 31'32		minimum elong	6304 Mar 12 23:50	22° \mathfrak{K} 29'39 1°13'02
evening set	6301 Oct 15 13:26	0° \mathbb{M} 21'25		max. Earth dist.	6304 Mar 12 23:48	22° \mathfrak{K} 29'33 1.71164 AU
	6301 Oct 16 03:29	30° \mathfrak{R} $\underline{\mathfrak{L}}$			6304 Mar 18 23:02	0° \mathfrak{Y}
inferior conj	6301 Oct 18 20:19	28° $\underline{\mathfrak{L}}$ 18'58	-8°37'03		6304 Apr 11 19:36	0° \mathfrak{B}
minimum elong	6301 Oct 18 20:53	28° $\underline{\mathfrak{L}}$ 18'04	8°37'01	evening rise	6304 Apr 23 05:02	14° \mathfrak{B} 17'32
min. Earth dist.	6301 Oct 19 04:22	28° $\underline{\mathfrak{L}}$ 06'18	0.29044 AU		6304 May 05 18:19	0° Π
morning rise	6301 Oct 22 04:16	26° $\underline{\mathfrak{L}}$ 14'46		asc. node	6304 May 29 16:22	29° Π 45'04
direct	6301 Nov 09 10:23	20° $\underline{\mathfrak{L}}$ 00'48			6304 May 29 21:11	0° \mathfrak{G}
greatest brilliancy	6301 Nov 20 04:07	22° $\underline{\mathfrak{L}}$ 07'18	-4.8m		6304 Jun 23 05:58	0° Ω
	6301 Dec 04 09:03	0° \mathbb{M}			6304 Jul 17 22:39	0° \mathbb{P}
asc. node	6301 Dec 12 21:35	6° \mathbb{M} 34'40			6304 Aug 12 02:52	0° $\underline{\mathfrak{L}}$
morning max el	6301 Dec 29 04:17	21° \mathbb{M} 34'15	46°17'10		6304 Sep 07 02:05	0° \mathbb{M}
	6302 Jan 06 10:27	0° \mathfrak{X}		desc. node	6304 Sep 18 08:33	12° \mathbb{M} 34'43
	6302 Feb 02 13:15	0° \mathfrak{Z}			6304 Oct 04 13:38	0° \mathfrak{X}
	6302 Feb 27 23:54	0° \approx		evening max el	6304 Oct 20 02:42	15° \mathfrak{X} 36'03 45°51'49
	6302 Mar 24 17:04	0° \mathfrak{K}			6304 Nov 05 07:24	0° \mathfrak{Z}
desc. node	6302 Apr 03 13:42	12° \mathfrak{K} 06'27		greatest brilliancy	6304 Nov 28 18:35	14° \mathfrak{Z} 08'29 -4.8m
	6302 Apr 18 01:42	0° \mathfrak{Y}		retrograde	6304 Dec 08 02:25	15° \mathfrak{Z} 44'37
	6302 May 12 06:30	0° \mathfrak{B}		evening set	6304 Dec 23 05:04	11° \mathfrak{Z} 20'14
	6302 Jun 05 10:36	0° Π		inferior conj	6304 Dec 28 23:48	7° \mathfrak{Z} 55'51 -2°50'34
	6302 Jun 29 15:50	0° \mathfrak{G}		minimum elong	6304 Dec 29 06:01	7° \mathfrak{Z} 46'17 2°48'39
morning set	6302 Jul 03 15:53	4° \mathfrak{G} 56'57		min. Earth dist.	6304 Dec 29 18:16	7° \mathfrak{Z} 27'28 0.27421 AU
	6302 Jul 23 22:42	0° Ω		morning rise	6305 Jan 04 06:06	4° \mathfrak{Z} 13'37
asc. node	6302 Jul 25 14:00	2° Ω 01'15		asc. node	6305 Jan 09 09:17	1° \mathfrak{Z} 49'07
					6305 Jan 17 12:08	30° \mathfrak{R} \mathfrak{X}
superior conj	6302 Aug 10 07:27	21° Ω 24'38	0°36'39	direct	6305 Jan 18 21:41	29° \mathfrak{X} 57'37
minimum elong	6302 Aug 10 00:15	21° Ω 02'27	0°36'18		6305 Jan 20 07:29	0° \mathfrak{Z}
max. Earth dist.	6302 Aug 11 10:48	22° Ω 48'52	1.73259 AU	greatest brilliancy	6305 Jan 29 22:22	2° \mathfrak{Z} 13'53 -4.9m
	6302 Aug 17 06:45	0° \mathbb{P}			6305 Mar 07 12:11	0° \approx
	6302 Sep 10 15:34	0° $\underline{\mathfrak{L}}$		morning max el	6305 Mar 10 11:49	2° \approx 59'10 46°56'30
evening rise	6302 Sep 15 16:21	6° $\underline{\mathfrak{L}}$ 11'26			6305 Apr 04 13:42	0° \mathfrak{K}
	6302 Oct 05 01:24	0° \mathbb{M}			6305 Apr 30 11:33	0° \mathfrak{Y}
	6302 Oct 29 13:10	0° \mathfrak{X}		desc. node	6305 May 01 01:40	0° \mathfrak{Y} 41'41
desc. node	6302 Nov 14 06:14	19° \mathfrak{X} 10'23			6305 May 25 13:54	0° \mathfrak{B}
	6302 Nov 23 03:37	0° \mathfrak{Z}			6305 Jun 19 08:07	0° Π
	6302 Dec 17 21:16	0° \approx			6305 Jul 13 23:16	0° \mathfrak{G}
	6303 Jan 11 19:44	0° \mathfrak{K}			6305 Aug 07 13:04	0° Ω
	6303 Feb 06 04:49	0° \mathfrak{Y}		asc. node	6305 Aug 22 01:59	17° Ω 47'00
	6303 Mar 04 17:29	0° \mathfrak{B}			6305 Sep 01 01:19	0° \mathbb{P}
asc. node	6303 Mar 07 06:56	2° \mathfrak{B} 45'57		morning set	6305 Sep 10 16:17	11° \mathbb{P} 48'26
evening max el	6303 Mar 18 00:44	13° \mathfrak{B} 59'59	47°03'31		6305 Sep 25 11:24	0° $\underline{\mathfrak{L}}$
	6303 Apr 04 00:48	0° Π		max. Earth dist.	6305 Oct 15 12:30	24° $\underline{\mathfrak{L}}$ 42'29 1.73211 AU
greatest brilliancy	6303 Apr 27 10:12	15° Π 07'45	-4.9m			
retrograde	6303 May 07 15:11	17° Π 05'27		superior conj	6305 Oct 17 04:13	26° $\underline{\mathfrak{L}}$ 45'04 1°25'37
evening set	6303 May 24 06:07	11° Π 43'17		minimum elong	6305 Oct 17 04:20	26° $\underline{\mathfrak{L}}$ 45'25 1°25'39
inferior conj	6303 May 28 13:50	9° Π 04'52	6°35'30		6305 Oct 19 19:22	0° \mathbb{M}
minimum elong	6303 May 29 00:30	8° Π 48'15	6°33'09		6305 Nov 13 01:56	0° \mathfrak{X}
min. Earth dist.	6303 May 28 12:07	9° Π 07'33	0.27609 AU	evening rise	6305 Nov 23 03:58	12° \mathfrak{X} 28'39
morning rise	6303 Jun 02 19:12	5° Π 56'04			6305 Dec 07 07:50	0° \mathfrak{Z}
direct	6303 Jun 18 10:43	1° Π 11'06		desc. node	6305 Dec 11 18:00	5° \mathfrak{Z} 28'35
desc. node	6303 Jun 26 23:08	2° Π 32'04			6305 Dec 31 13:19	0° \approx
greatest brilliancy	6303 Jun 28 03:51	2° Π 55'26	-4.8m		6306 Jan 24 18:37	0° \mathfrak{K}
	6303 Aug 04 18:49	0° \mathfrak{G}			6306 Feb 18 01:06	0° \mathfrak{Y}
morning max el	6303 Aug 06 15:24	1° \mathfrak{G} 46'47	45°57'15		6306 Mar 14 12:24	0° \mathfrak{B}
	6303 Sep 02 22:32	0° Ω		asc. node	6306 Apr 03 18:41	24° \mathfrak{B} 25'13
	6303 Sep 29 17:18	0° \mathbb{P}			6306 Apr 08 11:28	0° Π
asc. node	6303 Oct 17 23:57	21° \mathbb{P} 15'18			6306 May 04 11:47	0° \mathfrak{G}
	6303 Oct 25 09:38	0° $\underline{\mathfrak{L}}$		evening max el	6306 May 28 14:33	25° \mathfrak{G} 36'26 46°19'42

	6306 Jun 02 02:38	0°♎				6308 Dec 21 23:22	0°♊	
greatest brilliancy	6306 Jul 06 05:33	24°♎59'01	-4.8m	max. Earth dist.		6308 Dec 23 01:27	1°♊21'15	1.72113 AU
retrograde	6306 Jul 17 09:19	27°♎16'03						
desc. node	6306 Jul 24 11:01	26°♎15'11		superior conj		6308 Dec 25 22:46	4°♊57'12	0°31'25
evening set	6306 Aug 01 12:23	22°♎47'15		minimum elong		6308 Dec 26 05:47	5°♊19'02	0°31'08
min. Earth dist.	6306 Aug 07 05:34	19°♎22'12	0.28644 AU	desc. node		6309 Jan 08 05:53	21°♊32'33	
inferior conj	6306 Aug 07 18:57	19°♎01'18	-3°22'46			6309 Jan 15 00:21	0°♊	
minimum elong	6306 Aug 07 11:54	19°♎12'18	3°20'50	evening rise		6309 Feb 03 14:39	24°♊30'57	
morning rise	6306 Aug 13 11:55	15°♎35'06				6309 Feb 07 23:42	0°♊	
direct	6306 Aug 29 03:45	10°♎52'06				6309 Mar 03 22:17	0°♊	
greatest brilliancy	6306 Sep 08 01:51	12°♎38'39	-4.7m			6309 Mar 27 21:57	0°♊	
	6306 Oct 05 05:23	0°♎				6309 Apr 21 01:43	0°♊	
morning max el	6306 Oct 16 21:30	10°♎35'28	45°42'50	asc. node		6309 May 01 06:29	12°♊33'10	
	6306 Nov 05 00:02	0°♎				6309 May 15 13:33	0°♊	
asc. node	6306 Nov 14 11:49	10°♎17'19				6309 Jun 09 14:46	0°♎	
	6306 Dec 01 22:59	0°♎				6309 Jul 05 15:22	0°♎	
	6306 Dec 27 10:28	0°♎				6309 Aug 02 18:31	0°♎	
	6307 Jan 21 03:46	0°♊		evening max el		6309 Aug 07 06:25	4°♎24'45	45°38'18
	6307 Feb 14 11:05	0°♊		desc. node		6309 Aug 20 22:56	16°♎48'30	
desc. node	6307 Mar 06 03:46	24°♊31'50				6309 Sep 09 00:59	0°♎	
	6307 Mar 10 12:48	0°♊		greatest brilliancy		6309 Sep 14 21:49	2°♎31'54	-4.7m
	6307 Apr 03 11:35	0°♊		retrograde		6309 Sep 25 00:28	4°♎22'19	
morning set	6307 Apr 19 02:15	19°♊35'01				6309 Oct 10 02:54	30°♎	
	6307 Apr 27 09:33	0°♊		evening set		6309 Oct 13 04:45	28°♎13'12	
	6307 May 21 08:39	0°♊		inferior conj		6309 Oct 16 12:28	26°♎09'25	-8°36'58
				minimum elong		6309 Oct 16 12:14	26°♎09'47	8°36'57
superior conj	6307 May 28 23:39	9°♊31'15	-1°03'13	min. Earth dist.		6309 Oct 16 19:41	25°♎58'03	0.29067 AU
minimum elong	6307 May 29 10:43	10°♊05'46	1°02'53	morning rise		6309 Oct 19 19:38	24°♎06'14	
max. Earth dist.	6307 Jun 01 15:35	14°♊05'29	1.72031 AU	direct		6309 Nov 07 02:16	17°♎51'07	
	6307 Jun 14 10:22	0°♊		greatest brilliancy		6309 Nov 17 19:44	19°♎56'40	-4.8m
asc. node	6307 Jun 27 04:09	15°♊48'29				6309 Dec 05 00:56	0°♎	
evening rise	6307 Jul 06 23:31	27°♊56'33		asc. node		6309 Dec 11 23:28	5°♎34'27	
	6307 Jul 08 15:29	0°♎		morning max el		6309 Dec 26 18:20	19°♎16'42	46°15'33
	6307 Aug 02 00:16	0°♎				6310 Jan 06 05:05	0°♎	
	6307 Aug 26 13:19	0°♎				6310 Feb 02 03:48	0°♊	
	6307 Sep 20 08:13	0°♎				6310 Feb 27 12:50	0°♊	
	6307 Oct 15 11:31	0°♎				6310 Mar 24 05:10	0°♊	
desc. node	6307 Oct 16 20:23	1°♎37'07		desc. node		6310 Apr 02 15:40	11°♎36'00	
	6307 Nov 10 03:06	0°♊				6310 Apr 17 13:17	0°♊	
	6307 Dec 06 15:16	0°♊				6310 May 11 17:43	0°♊	
evening max el	6308 Jan 01 20:58	27°♊43'19	46°44'17			6310 Jun 04 21:31	0°♊	
	6308 Jan 04 04:27	0°♊				6310 Jun 29 02:32	0°♊	
asc. node	6308 Feb 06 21:15	26°♊27'20		morning set		6310 Jul 01 07:21	2°♊43'22	
greatest brilliancy	6308 Feb 11 03:06	28°♊15'16	-4.9m			6310 Jul 23 09:16	0°♎	
	6308 Feb 18 10:40	0°♊		asc. node		6310 Jul 24 16:03	1°♎34'58	
retrograde	6308 Feb 21 03:39	0°♊08'46						
	6308 Feb 23 19:44	30°♎		superior conj		6310 Aug 08 00:21	19°♎16'28	0°33'38
evening set	6308 Mar 08 05:24	25°♎04'01		minimum elong		6310 Aug 07 17:37	18°♎55'43	0°33'18
inferior conj	6308 Mar 12 17:18	22°♎21'54	7°39'50	max. Earth dist.		6310 Aug 09 05:06	20°♎45'04	1.73236 AU
minimum elong	6308 Mar 12 07:05	22°♎37'35	7°38'02			6310 Aug 16 17:16	0°♎	
min. Earth dist.	6308 Mar 12 06:11	22°♎38'58	0.26875 AU			6310 Sep 10 02:06	0°♎	
morning rise	6308 Mar 16 08:56	20°♎09'38		evening rise		6310 Sep 13 10:19	4°♎06'36	
direct	6308 Apr 02 06:55	14°♎38'27				6310 Oct 04 12:06	0°♎	
greatest brilliancy	6308 Apr 11 16:18	16°♎19'20	-4.9m			6310 Oct 29 00:09	0°♎	
	6308 May 03 21:36	0°♊		desc. node		6310 Nov 13 08:09	18°♎42'04	
morning max el	6308 May 22 13:33	17°♊09'05	46°44'05			6310 Nov 22 15:01	0°♊	
desc. node	6308 May 28 13:26	23°♊14'12				6310 Dec 17 09:19	0°♊	
	6308 Jun 04 00:18	0°♊				6311 Jan 11 08:45	0°♊	
	6308 Jul 01 02:36	0°♊				6311 Feb 05 19:33	0°♊	
	6308 Jul 27 00:13	0°♊				6311 Mar 04 12:03	0°♊	
	6308 Aug 21 08:58	0°♎		asc. node		6311 Mar 06 08:54	2°♎00'08	
	6308 Sep 15 09:24	0°♎		evening max el		6311 Mar 15 13:36	11°♎34'51	47°03'59
asc. node	6308 Sep 18 13:57	3°♎51'04				6311 Apr 04 10:49	0°♊	
	6308 Oct 10 02:45	0°♎		greatest brilliancy		6311 Apr 25 01:47	12°♊48'07	-4.9m
	6308 Nov 03 13:51	0°♎		retrograde		6311 May 05 05:02	14°♊44'47	
morning set	6308 Nov 18 04:34	18°♎02'43		evening set		6311 May 21 23:27	9°♊17'57	
	6308 Nov 27 20:12	0°♎		inferior conj		6311 May 26 03:49	6°♊44'46	6°50'59

minimum elong	6311 May 26 14:26	6° Π 28'15	6°48'46	minimum elong	6313 Oct 14 21:14	24° Ω 36'49	1°25'36
min. Earth dist.	6311 May 26 02:33	6° Π 46'45	0.27584 AU		6313 Oct 19 05:56	0° Π	
morning rise	6311 May 31 05:38	3° Π 40'57			6313 Nov 12 12:37	0° \mathcal{X}	
	6311 Jun 08 10:40	30° \mathcal{R} \mathcal{B}		evening rise	6313 Nov 20 19:50	10° \mathcal{X} 16'03	
direct	6311 Jun 15 23:37	28° \mathcal{B} 51'10			6313 Dec 06 18:42	0° \mathcal{Z}	
	6311 Jun 23 19:43	0° Π		desc. node	6313 Dec 10 20:02	5° \mathcal{Z} 01'05	
greatest brilliancy	6311 Jun 25 17:45	0° Π 36'10	-4.8m		6313 Dec 31 00:26	0° \approx	
desc. node	6311 Jun 26 01:08	0° Π 42'37			6314 Jan 24 06:04	0° \mathcal{H}	
morning max el	6311 Aug 04 05:28	29° Π 29'55	45°58'39		6314 Feb 17 12:59	0° \mathcal{Y}	
	6311 Aug 04 17:55	0° \mathcal{G}			6314 Mar 14 00:56	0° \mathcal{B}	
	6311 Sep 02 14:22	0° Ω		asc. node	6314 Apr 02 20:37	23° \mathcal{B} 51'11	
	6311 Sep 29 06:32	0° \mathcal{M}			6314 Apr 08 01:09	0° Π	
asc. node	6311 Oct 17 01:49	20° \mathcal{M} 44'42			6314 May 04 03:58	0° \mathcal{G}	
	6311 Oct 24 21:37	0° Ω		evening max el	6314 May 26 07:06	23° \mathcal{G} 24'47	46°21'33
	6311 Nov 18 20:40	0° Π			6314 Jun 02 02:41	0° Ω	
	6311 Dec 13 08:55	0° \mathcal{X}		greatest brilliancy	6314 Jul 03 21:33	22° Ω 47'31	-4.8m
	6312 Jan 06 14:12	0° \mathcal{Z}		retrograde	6314 Jul 15 01:59	25° Ω 04'48	
morning set	6312 Jan 29 23:29	29° \mathcal{Z} 11'03		desc. node	6314 Jul 23 13:07	23° Ω 37'42	
	6312 Jan 30 15:08	0° \approx		evening set	6314 Jul 30 03:29	20° Ω 37'39	
desc. node	6312 Feb 05 17:49	7° \approx 39'17		inferior conj	6314 Aug 05 10:52	16° Ω 50'20	-3°03'51
	6312 Feb 23 13:14	0° \mathcal{H}		minimum elong	6314 Aug 05 04:23	17° Ω 00'28	3°02'02
				min. Earth dist.	6314 Aug 04 21:18	17° Ω 11'32	0.28604 AU
superior conj	6312 Mar 10 21:45	20° \mathcal{H} 33'51	-1°11'06	morning rise	6314 Aug 11 05:53	13° Ω 21'30	
minimum elong	6312 Mar 10 10:18	19° \mathcal{H} 57'51	1°10'46	direct	6314 Aug 26 19:57	8° Ω 41'52	
max. Earth dist.	6312 Mar 10 06:53	19° \mathcal{H} 47'07	1.71173 AU	greatest brilliancy	6314 Sep 05 16:34	10° Ω 27'35	-4.7m
	6312 Mar 18 09:45	0° \mathcal{Y}			6314 Oct 05 09:16	0° \mathcal{M}	
	6312 Apr 11 06:22	0° \mathcal{B}		morning max el	6314 Oct 14 13:27	8° \mathcal{M} 25'52	45°42'22
evening rise	6312 Apr 20 15:58	11° \mathcal{B} 47'36			6314 Nov 04 16:50	0° Ω	
	6312 May 05 05:09	0° Π		asc. node	6314 Nov 13 13:48	9° Ω 40'18	
asc. node	6312 May 28 18:18	29° Π 17'10			6314 Dec 01 12:44	0° Π	
	6312 May 29 08:09	0° \mathcal{G}			6314 Dec 26 22:54	0° \mathcal{X}	
	6312 Jun 22 17:09	0° Ω			6315 Jan 20 15:33	0° \mathcal{Z}	
	6312 Jul 17 10:16	0° \mathcal{M}			6315 Feb 13 22:30	0° \approx	
	6312 Aug 11 15:21	0° Ω		desc. node	6315 Mar 05 05:40	24° \approx 02'40	
	6312 Sep 06 16:18	0° Π			6315 Mar 10 00:01	0° \mathcal{H}	
desc. node	6312 Sep 17 10:32	11° Π 57'50			6315 Apr 02 22:38	0° \mathcal{Y}	
	6312 Oct 04 07:58	0° \mathcal{X}		morning set	6315 Apr 16 13:25	17° \mathcal{Y} 05'07	
evening max el	6312 Oct 17 17:05	13° \mathcal{X} 20'57	45°50'29		6315 Apr 26 20:28	0° \mathcal{B}	
	6312 Nov 05 19:04	0° \mathcal{Z}			6315 May 20 19:27	0° Π	
greatest brilliancy	6312 Nov 26 07:34	11° \mathcal{Z} 48'59	-4.8m				
retrograde	6312 Dec 05 16:15	13° \mathcal{Z} 25'38		superior conj	6315 May 26 12:53	7° Π 09'05	-1°05'44
evening set	6312 Dec 20 21:00	8° \mathcal{Z} 57'31		minimum elong	6315 May 26 23:56	7° Π 43'35	1°05'24
inferior conj	6312 Dec 26 13:35	5° \mathcal{Z} 35'53	-3°11'48	max. Earth dist.	6315 May 30 07:48	11° Π 52'43	1.71980 AU
minimum elong	6312 Dec 26 20:28	5° \mathcal{Z} 25'18	3°09'44		6315 Jun 13 21:07	0° \mathcal{G}	
min. Earth dist.	6312 Dec 27 08:38	5° \mathcal{Z} 06'38	0.27480 AU	asc. node	6315 Jun 26 06:15	15° \mathcal{G} 21'39	
morning rise	6313 Jan 01 19:10	1° \mathcal{Z} 54'51		evening rise	6315 Jul 04 15:13	25° \mathcal{G} 43'30	
	6313 Jan 05 16:56	30° \mathcal{R} \mathcal{X}			6315 Jul 08 02:15	0° Ω	
asc. node	6313 Jan 08 11:24	28° \mathcal{X} 56'45			6315 Aug 01 11:10	0° \mathcal{M}	
direct	6313 Jan 16 12:34	27° \mathcal{X} 36'41			6315 Aug 26 00:29	0° Ω	
greatest brilliancy	6313 Jan 27 13:30	29° \mathcal{X} 53'49	-4.9m		6315 Sep 19 19:52	0° Π	
	6313 Jan 27 19:43	0° \mathcal{Z}			6315 Oct 14 24:00	0° \mathcal{X}	
	6313 Mar 07 11:04	0° \approx		desc. node	6315 Oct 15 22:17	1° \mathcal{X} 05'46	
morning max el	6313 Mar 08 03:19	0° \approx 40'58	46°55'57		6315 Nov 09 17:02	0° \mathcal{Z}	
	6313 Apr 04 05:53	0° \mathcal{H}			6315 Dec 06 08:06	0° \approx	
desc. node	6313 Apr 30 03:37	0° \mathcal{Y} 06'54		evening max el	6315 Dec 30 10:55	25° \approx 21'04	46°42'26
	6313 Apr 30 01:18	0° \mathcal{Y}			6316 Jan 04 05:17	0° \mathcal{H}	
	6313 May 25 02:25	0° \mathcal{B}		asc. node	6316 Feb 05 23:14	24° \mathcal{H} 43'10	
	6313 Jun 18 19:54	0° Π		greatest brilliancy	6316 Feb 08 16:17	25° \mathcal{H} 48'21	-4.9m
	6313 Jul 13 10:34	0° \mathcal{G}		retrograde	6316 Feb 18 15:57	27° \mathcal{H} 40'47	
	6313 Aug 06 24:00	0° Ω		evening set	6316 Mar 05 13:46	22° \mathcal{H} 42'52	
asc. node	6313 Aug 21 04:01	17° Ω 20'15		inferior conj	6316 Mar 10 05:51	19° \mathcal{H} 54'39	7°26'10
	6313 Aug 31 12:00	0° \mathcal{M}		minimum elong	6316 Mar 09 19:18	20° \mathcal{H} 10'51	7°24'10
morning set	6313 Sep 08 09:39	9° \mathcal{M} 41'44		min. Earth dist.	6316 Mar 09 19:14	20° \mathcal{H} 10'58	0.26855 AU
	6313 Sep 24 21:58	0° Ω		morning rise	6316 Mar 14 00:58	17° \mathcal{H} 37'04	
max. Earth dist.	6313 Oct 13 09:53	22° Ω 47'45	1.73233 AU	direct	6316 Mar 30 19:24	12° \mathcal{H} 11'26	
				greatest brilliancy	6316 Apr 09 05:45	13° \mathcal{H} 52'48	-4.9m
superior conj	6313 Oct 14 21:49	24° Ω 38'37	1°25'34		6316 May 04 08:06	0° \mathcal{Y}	

morning max el	6316 May 20 01:44	14° Υ 42'10	46°45'31		6318 Nov 22 02:50	0° Ξ	
desc. node	6316 May 27 15:27	22° Υ 25'46			6318 Dec 16 21:48	0° \approx	
	6316 Jun 03 19:13	0° \mathcal{B}			6319 Jan 10 22:17	0° \mathcal{H}	
	6316 Jun 30 17:28	0° Π			6319 Feb 05 10:54	0° Υ	
	6316 Jul 26 13:14	0° \mathfrak{C}			6319 Mar 04 07:35	0° \mathcal{B}	
	6316 Aug 20 20:58	0° Ω		asc. node	6319 Mar 05 10:51	1° \mathcal{B} 12'25	
	6316 Sep 14 20:49	0° \mathfrak{M}		evening max el	6319 Mar 13 02:43	9° \mathcal{B} 09'17	47°04'34
asc. node	6316 Sep 17 15:50	3° \mathfrak{M} 22'27			6319 Apr 05 00:54	0° Π	
	6316 Oct 09 13:49	0° \mathfrak{L}		greatest brilliancy	6319 Apr 22 16:38	10° Π 26'23	-4.9m
	6316 Nov 03 00:45	0° \mathfrak{M}		retrograde	6319 May 02 19:16	12° Π 23'00	
morning set	6316 Nov 15 21:09	15° \mathfrak{M} 52'00		evening set	6319 May 19 16:47	6° Π 51'05	
	6316 Nov 27 07:02	0° \mathcal{A}		inferior conj	6319 May 23 17:45	4° Π 23'13	7°05'52
max. Earth dist.	6316 Dec 20 14:15	28° \mathcal{A} 57'47	1.72160 AU	minimum elong	6319 May 24 04:15	4° Π 06'55	7°03'46
	6316 Dec 21 10:14	0° Ξ		min. Earth dist.	6319 May 23 16:35	4° Π 25'01	0.27561 AU
				morning rise	6319 May 28 15:54	1° Π 24'52	
superior conj	6316 Dec 23 13:00	2° Ξ 38'07	0°34'44		6319 May 31 06:45	30° \mathcal{R} \mathcal{B}	
minimum elong	6316 Dec 23 20:35	3° Ξ 01'44	0°34'26	direct	6319 Jun 13 12:52	26° \mathcal{B} 29'39	
desc. node	6317 Jan 07 07:58	21° Ξ 04'52		greatest brilliancy	6319 Jun 23 07:19	28° \mathcal{B} 15'16	-4.8m
	6317 Jan 14 11:19	0° \approx		desc. node	6319 Jun 25 03:17	28° \mathcal{B} 56'10	
evening rise	6317 Feb 01 02:50	22° \approx 04'11			6319 Jun 27 14:13	0° Π	
	6317 Feb 07 10:49	0° \mathcal{H}		morning max el	6319 Aug 01 20:29	27° Π 14'06	46°00'09
	6317 Mar 03 09:33	0° Υ			6319 Aug 04 16:31	0° \mathfrak{C}	
	6317 Mar 27 09:25	0° \mathcal{B}			6319 Sep 02 06:19	0° Ω	
	6317 Apr 20 13:30	0° Π			6319 Sep 28 19:59	0° \mathfrak{M}	
asc. node	6317 Apr 30 08:28	12° Π 02'34		asc. node	6319 Oct 16 03:54	20° \mathfrak{M} 13'51	
	6317 May 15 01:50	0° \mathfrak{C}			6319 Oct 24 09:51	0° \mathfrak{L}	
	6317 Jun 09 04:00	0° Ω			6319 Nov 18 08:17	0° \mathfrak{M}	
	6317 Jul 05 06:36	0° \mathfrak{M}			6319 Dec 12 20:14	0° \mathcal{A}	
	6317 Aug 02 15:22	0° \mathfrak{L}			6320 Jan 06 01:24	0° Ξ	
evening max el	6317 Aug 04 20:45	2° \mathfrak{L} 10'04	45°38'58	morning set	6320 Jan 27 11:39	26° Ξ 44'07	
desc. node	6317 Aug 20 00:51	15° \mathfrak{L} 48'47			6320 Jan 30 02:17	0° \approx	
	6317 Sep 11 13:12	0° \mathfrak{M}		desc. node	6320 Feb 04 19:45	7° \approx 10'27	
greatest brilliancy	6317 Sep 12 12:50	0° \mathfrak{M} 21'38	-4.7m		6320 Feb 23 00:21	0° \mathcal{H}	
retrograde	6317 Sep 22 16:01	2° \mathfrak{M} 13'06		max. Earth dist.	6320 Mar 07 15:06	17° \mathcal{H} 06'57	1.71182 AU
	6317 Oct 03 07:20	30° \mathcal{R} \mathfrak{L}					
evening set	6317 Oct 10 19:53	26° \mathfrak{L} 05'05		superior conj	6320 Mar 08 08:12	18° \mathcal{H} 00'44	-1°08'41
inferior conj	6317 Oct 14 04:47	23° \mathfrak{L} 59'39	-8°36'11	minimum elong	6320 Mar 07 20:29	17° \mathcal{H} 23'52	1°08'19
minimum elong	6317 Oct 14 03:45	24° \mathfrak{L} 01'15	8°36'09		6320 Mar 17 20:53	0° Υ	
min. Earth dist.	6317 Oct 14 11:11	23° \mathfrak{L} 49'34	0.29093 AU		6320 Apr 10 17:32	0° \mathcal{B}	
morning rise	6317 Oct 17 11:31	21° \mathfrak{L} 57'04		evening rise	6320 Apr 18 02:34	9° \mathcal{B} 15'26	
direct	6317 Nov 04 18:12	15° \mathfrak{L} 40'58			6320 May 04 16:22	0° Π	
greatest brilliancy	6317 Nov 15 12:06	17° \mathfrak{L} 46'25	-4.8m	asc. node	6320 May 27 20:25	28° Π 48'36	
	6317 Dec 05 13:07	0° \mathfrak{M}			6320 May 28 19:29	0° \mathfrak{C}	
asc. node	6317 Dec 11 01:35	4° \mathfrak{M} 35'11			6320 Jun 22 04:44	0° Ω	
morning max el	6317 Dec 24 08:56	16° \mathfrak{M} 59'35	46°13'58		6320 Jul 16 22:20	0° \mathfrak{M}	
	6318 Jan 05 23:38	0° \mathcal{A}			6320 Aug 11 04:18	0° \mathfrak{L}	
	6318 Feb 01 18:34	0° Ξ			6320 Sep 06 07:03	0° \mathfrak{M}	
	6318 Feb 27 02:02	0° \approx		desc. node	6320 Sep 16 12:31	11° \mathfrak{M} 19'43	
	6318 Mar 23 17:32	0° \mathcal{H}			6320 Oct 04 03:06	0° \mathcal{A}	
desc. node	6318 Apr 01 17:38	11° \mathcal{H} 04'39		evening max el	6320 Oct 15 08:11	11° \mathcal{A} 07'00	45°49'15
	6318 Apr 17 01:08	0° Υ			6320 Nov 06 11:00	0° Ξ	
	6318 May 11 05:13	0° \mathcal{B}		greatest brilliancy	6320 Nov 23 20:33	9° Ξ 29'32	-4.8m
	6318 Jun 04 08:46	0° Π		retrograde	6320 Dec 03 06:15	11° Ξ 06'29	
morning set	6318 Jun 28 22:49	0° \mathfrak{C} 28'32		evening set	6320 Dec 18 13:16	6° Ξ 34'49	
	6318 Jun 28 13:36	0° \mathfrak{C}		inferior conj	6320 Dec 24 03:33	3° Ξ 15'50	-3°32'30
	6318 Jul 22 20:10	0° Ω		minimum elong	6320 Dec 24 11:03	3° Ξ 04'18	3°30'18
asc. node	6318 Jul 23 18:04	1° Ω 07'35		min. Earth dist.	6320 Dec 24 22:52	2° Ξ 46'09	0.27541 AU
					6320 Dec 29 14:52	30° \mathcal{R} \mathcal{A}	
superior conj	6318 Aug 05 17:26	17° Ω 07'50	0°30'35	morning rise	6320 Dec 30 08:10	29° \mathcal{A} 36'09	
minimum elong	6318 Aug 05 11:12	16° Ω 48'36	0°30'15	asc. node	6321 Jan 07 13:23	26° \mathcal{A} 09'42	
max. Earth dist.	6318 Aug 06 23:08	18° Ω 39'21	1.73208 AU	direct	6321 Jan 14 03:51	25° \mathcal{A} 15'55	
	6318 Aug 16 04:05	0° \mathfrak{M}		greatest brilliancy	6321 Jan 25 04:18	27° \mathcal{A} 32'57	-4.9m
	6318 Sep 09 12:56	0° \mathfrak{L}			6321 Jan 30 09:57	0° Ξ	
evening rise	6318 Sep 11 04:38	2° \mathfrak{L} 02'03		morning max el	6321 Mar 05 18:38	28° Ξ 21'25	46°55'02
	6318 Oct 03 23:06	0° \mathfrak{M}			6321 Mar 07 09:25	0° \approx	
	6318 Oct 28 11:28	0° \mathcal{A}			6321 Apr 03 22:11	0° \mathcal{H}	
desc. node	6318 Nov 12 10:14	18° \mathcal{A} 13'08		desc. node	6321 Apr 29 05:42	29° \mathcal{H} 31'28	

	6321 Apr 29 15:18	0°♄			6324 Jan 04 07:17	0°♄		
	6321 May 24 15:13	0°♄		asc. node	6324 Feb 05 01:08	22°♄55'36		
	6321 Jun 18 07:57	0°♄		greatest brilliancy	6324 Feb 06 05:50	23°♄22'41	-4.9m	
	6321 Jul 12 22:06	0°♄		retrograde	6324 Feb 16 04:06	25°♄14'04		
	6321 Aug 06 11:11	0°♄		evening set	6324 Mar 02 22:29	20°♄22'28		
asc. node	6321 Aug 20 05:53	16°♄52'06		inferior conj	6324 Mar 07 18:38	17°♄28'36	7°11'38	
	6321 Aug 30 22:58	0°♄		minimum elong	6324 Mar 07 07:51	17°♄45'11	7°09'28	
morning set	6321 Sep 06 03:01	7°♄34'11		min. Earth dist.	6324 Mar 07 08:42	17°♄43'53	0.26839 AU	
	6321 Sep 24 08:49	0°♄		morning rise	6324 Mar 11 17:18	15°♄05'43		
max. Earth dist.	6321 Oct 11 05:43	20°♄47'28	1.73250 AU	direct	6324 Mar 28 07:39	9°♄45'24		
				greatest brilliancy	6324 Apr 06 19:52	11°♄27'57	-4.9m	
superior conj	6321 Oct 12 15:36	22°♄31'59	1°25'25		6324 May 04 15:34	0°♄		
minimum elong	6321 Oct 12 14:19	22°♄28'01	1°25'26	morning max el	6324 May 17 13:42	12°♄14'55	46°46'42	
	6321 Oct 18 16:46	0°♄		desc. node	6324 May 26 17:32	21°♄38'36		
	6321 Nov 11 23:31	0°♄			6324 Jun 03 13:34	0°♄		
evening rise	6321 Nov 18 11:58	8°♄03'39			6324 Jun 30 08:08	0°♄		
	6321 Dec 06 05:45	0°♄			6324 Jul 26 02:10	0°♄		
desc. node	6321 Dec 09 22:07	4°♄33'14			6324 Aug 20 08:55	0°♄		
	6321 Dec 30 11:45	0°♄			6324 Sep 14 08:10	0°♄		
	6322 Jan 23 17:44	0°♄		asc. node	6324 Sep 16 17:55	2°♄54'34		
	6322 Feb 17 01:08	0°♄			6324 Oct 09 00:48	0°♄		
	6322 Mar 13 13:48	0°♄			6324 Nov 02 11:32	0°♄		
asc. node	6322 Apr 01 22:37	23°♄16'13		morning set	6324 Nov 13 13:35	13°♄41'04		
	6322 Apr 07 15:17	0°♄			6324 Nov 26 17:46	0°♄		
	6322 May 03 20:50	0°♄		max. Earth dist.	6324 Dec 18 04:51	26°♄40'18	1.72205 AU	
evening max el	6322 May 23 23:13	21°♄10'47	46°23'26		6324 Dec 20 21:00	0°♄		
	6322 Jun 02 04:28	0°♄						
greatest brilliancy	6322 Jul 01 13:59	20°♄35'11	-4.8m	superior conj	6324 Dec 21 03:17	0°♄19'34	0°38'00	
retrograde	6322 Jul 12 18:05	22°♄51'51		minimum elong	6324 Dec 21 11:23	0°♄44'50	0°37'40	
desc. node	6322 Jul 22 15:01	20°♄53'58		desc. node	6325 Jan 06 09:53	20°♄37'05		
evening set	6322 Jul 27 18:33	18°♄26'24			6325 Jan 13 22:10	0°♄		
min. Earth dist.	6322 Aug 02 13:03	14°♄59'00	0.28562 AU	evening rise	6325 Jan 29 15:17	19°♄38'53		
inferior conj	6322 Aug 03 02:33	14°♄37'54	-2°44'27		6325 Feb 06 21:45	0°♄		
minimum elong	6322 Aug 02 20:41	14°♄47'05	2°42'47		6325 Mar 02 20:36	0°♄		
morning rise	6322 Aug 08 23:28	11°♄06'24			6325 Mar 26 20:39	0°♄		
direct	6322 Aug 24 11:45	6°♄30'17			6325 Apr 20 01:03	0°♄		
greatest brilliancy	6322 Sep 03 07:09	8°♄15'02	-4.7m	asc. node	6325 Apr 29 10:34	11°♄33'06		
	6322 Oct 05 11:53	0°♄			6325 May 14 13:56	0°♄		
morning max el	6322 Oct 12 04:24	6°♄13'02	45°42'02		6325 Jun 08 17:08	0°♄		
	6322 Nov 04 09:31	0°♄			6325 Jul 04 21:54	0°♄		
asc. node	6322 Nov 12 15:50	9°♄03'12		evening max el	6325 Aug 02 11:10	29°♄55'48	45°39'42	
	6322 Dec 01 02:29	0°♄			6325 Aug 02 12:54	0°♄		
	6322 Dec 26 11:21	0°♄		desc. node	6325 Aug 19 02:51	14°♄47'56		
	6323 Jan 20 03:20	0°♄		greatest brilliancy	6325 Sep 10 03:10	28°♄10'38	-4.7m	
	6323 Feb 13 09:56	0°♄			6325 Sep 18 11:42	0°♄		
desc. node	6323 Mar 04 07:39	23°♄33'37		retrograde	6325 Sep 20 07:56	0°♄03'56		
	6323 Mar 09 11:15	0°♄			6325 Sep 22 03:48	30°♄		
	6323 Apr 02 09:46	0°♄		evening set	6325 Oct 08 10:29	23°♄57'20		
morning set	6323 Apr 14 00:14	14°♄33'49		inferior conj	6325 Oct 11 20:55	21°♄49'47	-8°34'37	
	6323 Apr 26 07:30	0°♄		minimum elong	6325 Oct 11 19:07	21°♄52'36	8°34'33	
	6323 May 20 06:24	0°♄		min. Earth dist.	6325 Oct 12 02:15	21°♄41'24	0.29116 AU	
				morning rise	6325 Oct 15 03:38	19°♄47'24		
superior conj	6323 May 24 01:36	4°♄44'50	-1°08'10	direct	6325 Nov 02 10:05	13°♄30'48		
minimum elong	6323 May 24 12:32	5°♄18'58	1°07'51	greatest brilliancy	6325 Nov 13 04:08	15°♄36'17	-4.8m	
max. Earth dist.	6323 May 27 22:16	9°♄34'03	1.71929 AU		6325 Dec 05 21:55	0°♄		
	6323 Jun 13 08:00	0°♄		asc. node	6325 Dec 10 03:34	3°♄37'32		
asc. node	6323 Jun 25 08:11	14°♄53'54		morning max el	6325 Dec 22 00:09	14°♄44'47	46°12'26	
evening rise	6323 Jul 02 06:14	23°♄27'49			6326 Jan 05 17:30	0°♄		
	6323 Jul 07 13:09	0°♄			6326 Feb 01 08:54	0°♄		
	6323 Jul 31 22:11	0°♄			6326 Feb 26 14:52	0°♄		
	6323 Aug 25 11:46	0°♄			6326 Mar 23 05:33	0°♄		
	6323 Sep 19 07:38	0°♄		desc. node	6326 Mar 31 19:42	10°♄34'40		
	6323 Oct 14 12:37	0°♄			6326 Apr 10 12:36	0°♄		
desc. node	6323 Oct 15 00:23	0°♄34'40			6326 May 10 16:19	0°♄		
	6323 Nov 09 07:09	0°♄			6326 Jun 03 19:37	0°♄		
	6323 Dec 06 01:15	0°♄		morning set	6326 Jun 26 14:21	28°♄14'58		
evening max el	6323 Dec 28 00:03	22°♄57'10	46°40'44		6326 Jun 28 00:16	0°♄		

	6326 Jul 22 06:44	0°♋		minimum elong	6328 Dec 22 01:37	0°♌44'37	3°50'27
asc. node	6326 Jul 22 19:59	0°♋40'54		min. Earth dist.	6328 Dec 22 13:16	0°♌26'40	0.27602 AU
					6328 Dec 23 06:38	30°♌♌	
superior conj	6326 Aug 03 10:21	14°♋59'37	0°27'27	morning rise	6328 Dec 27 20:55	27°♌18'44	
minimum elong	6326 Aug 03 04:39	14°♋42'02	0°27'09	asc. node	6329 Jan 06 15:16	23°♌29'02	
max. Earth dist.	6326 Aug 04 17:26	16°♋35'25	1.73187 AU	direct	6329 Jan 11 18:55	22°♌56'28	
	6326 Aug 15 14:36	0°♎		greatest brilliancy	6329 Jan 22 19:02	25°♌13'03	-4.9m
evening rise	6326 Sep 08 22:44	29°♎57'41			6329 Feb 01 00:18	0°♌	
	6326 Sep 08 23:30	0°♎		morning max el	6329 Mar 03 08:58	26°♌00'26	46°54'03
	6326 Oct 03 09:49	0°♎			6329 Mar 07 06:31	0°♎	
	6326 Oct 27 22:30	0°♌			6329 Apr 03 13:50	0°♌	
desc. node	6326 Nov 11 12:14	17°♌44'54		desc. node	6329 Apr 28 07:40	28°♌57'07	
	6326 Nov 21 14:21	0°♌			6329 Apr 29 04:48	0°♎	
	6326 Dec 16 10:02	0°♎			6329 May 24 03:34	0°♌	
	6327 Jan 10 11:35	0°♌			6329 Jun 17 19:34	0°♌	
	6327 Feb 05 02:07	0°♎			6329 Jul 12 09:11	0°♌	
	6327 Mar 04 03:16	0°♌			6329 Aug 05 21:54	0°♋	
asc. node	6327 Mar 04 12:57	0°♌25'28		asc. node	6329 Aug 19 07:59	16°♋26'03	
evening max el	6327 Mar 10 16:54	6°♌47'35	47°05'12		6329 Aug 30 09:27	0°♎	
	6327 Apr 05 18:58	0°♌		morning set	6329 Sep 03 20:44	5°♎29'09	
greatest brilliancy	6327 Apr 20 07:00	8°♌05'38	-4.9m		6329 Sep 23 19:14	0°♎	
retrograde	6327 Apr 30 10:04	10°♌02'47		max. Earth dist.	6329 Oct 09 00:39	18°♌45'45	1.73271 AU
evening set	6327 May 17 10:11	4°♌25'48					
inferior conj	6327 May 21 07:45	2°♌03'10	7°19'55	superior conj	6329 Oct 10 09:39	20°♌27'33	1°25'08
minimum elong	6327 May 21 18:04	1°♌47'12	7°17'58	minimum elong	6329 Oct 10 07:41	20°♌21'26	1°25'09
min. Earth dist.	6327 May 21 06:14	2°♌05'30	0.27535 AU		6329 Oct 18 03:12	0°♎	
	6327 May 24 16:20	30°♌♌			6329 Nov 11 10:04	0°♌	
morning rise	6327 May 26 02:07	29°♌10'38		evening rise	6329 Nov 16 04:10	5°♌52'36	
direct	6327 Jun 11 02:43	24°♌09'59			6329 Dec 05 16:30	0°♌	
greatest brilliancy	6327 Jun 20 20:15	25°♌55'26	-4.8m	desc. node	6329 Dec 09 00:01	4°♌05'42	
desc. node	6327 Jun 24 05:08	27°♌15'12			6329 Dec 29 22:46	0°♎	
	6327 Jun 29 14:21	0°♌			6330 Jan 23 05:08	0°♌	
morning max el	6327 Jul 30 11:59	25°♌01'03	46°01'29		6330 Feb 16 13:02	0°♎	
	6327 Aug 04 13:36	0°♌			6330 Mar 13 02:27	0°♌	
	6327 Sep 01 21:31	0°♋		asc. node	6330 Apr 01 00:40	22°♌42'05	
	6327 Sep 28 08:55	0°♎			6330 Apr 07 05:15	0°♌	
asc. node	6327 Oct 15 05:55	19°♎44'01			6330 May 03 13:42	0°♌	
	6327 Oct 23 21:40	0°♎		evening max el	6330 May 21 14:36	18°♌55'42	46°25'18
	6327 Nov 17 19:31	0°♎			6330 Jun 02 07:18	0°♋	
	6327 Dec 12 07:10	0°♌		greatest brilliancy	6330 Jun 29 07:14	18°♋24'51	-4.8m
	6328 Jan 05 12:12	0°♌		retrograde	6330 Jul 10 09:56	20°♋40'14	
morning set	6328 Jan 24 23:48	24°♌18'28		desc. node	6330 Jul 21 17:02	18°♋07'13	
	6328 Jan 29 13:01	0°♎		evening set	6330 Jul 25 09:56	16°♋16'17	
desc. node	6328 Feb 03 21:42	6°♎42'51		min. Earth dist.	6330 Jul 31 05:18	12°♋47'32	0.28515 AU
	6328 Feb 22 11:05	0°♌		inferior conj	6330 Jul 31 18:23	12°♋27'03	-2°24'50
max. Earth dist.	6328 Mar 04 23:28	14°♌28'27	1.71193 AU	minimum elong	6330 Jul 31 13:09	12°♋35'14	2°23'20
				morning rise	6330 Aug 06 17:01	8°♋52'55	
superior conj	6328 Mar 05 18:34	15°♌28'33	-1°06'08	direct	6330 Aug 22 03:09	4°♋20'15	
minimum elong	6328 Mar 05 06:40	14°♌51'08	1°05'44	greatest brilliancy	6330 Aug 31 22:15	6°♋04'26	-4.7m
	6328 Mar 17 07:39	0°♎			6330 Oct 05 12:29	0°♎	
	6328 Apr 10 04:19	0°♌		morning max el	6330 Oct 09 18:34	3°♎59'40	45°41'47
evening rise	6328 Apr 15 13:10	6°♌44'21			6330 Nov 04 01:27	0°♎	
	6328 May 04 03:11	0°♌		asc. node	6330 Nov 11 17:48	8°♎27'22	
asc. node	6328 May 26 22:20	28°♌20'53			6330 Nov 30 15:45	0°♎	
	6328 May 28 06:23	0°♌			6330 Dec 25 23:29	0°♌	
	6328 Jun 21 15:50	0°♋			6331 Jan 19 14:53	0°♌	
	6328 Jul 16 09:54	0°♎			6331 Feb 12 21:11	0°♎	
	6328 Aug 10 16:49	0°♎		desc. node	6331 Mar 03 09:46	23°♎05'34	
	6328 Sep 05 21:30	0°♎			6331 Mar 08 22:18	0°♌	
desc. node	6328 Sep 15 14:35	10°♎42'41			6331 Apr 01 20:41	0°♎	
	6328 Oct 03 22:22	0°♌		morning set	6331 Apr 11 10:45	12°♎02'06	
evening max el	6328 Oct 12 23:27	8°♌54'34	45°47'51		6331 Apr 25 18:18	0°♌	
	6328 Nov 07 07:51	0°♌			6331 May 19 17:08	0°♌	
greatest brilliancy	6328 Nov 21 10:09	7°♌11'52	-4.8m				
retrograde	6328 Nov 30 19:53	8°♌48'18		superior conj	6331 May 21 14:13	2°♌20'52	-1°10'27
evening set	6328 Dec 16 05:41	4°♌13'13		minimum elong	6331 May 22 00:58	2°♌54'25	1°10'11
inferior conj	6328 Dec 21 17:33	0°♌57'03	-3°52'46	max. Earth dist.	6331 May 25 10:55	7°♌10'17	1.71878 AU

	6331 Jun 12 18:43	0°☾			6334 Jan 05 10:55	0°♊		
asc. node	6331 Jun 24 10:09	14°☾26'50			6334 Jan 31 23:06	0°♊		
evening rise	6331 Jun 29 21:10	21°☾12'24			6334 Feb 26 03:42	0°♊		
	6331 Jul 06 23:53	0°♊			6334 Mar 22 17:40	0°♊		
	6331 Jul 31 09:01	0°♊		desc. node	6334 Mar 30 21:39	10°♊03'50		
	6331 Aug 24 22:51	0°♊			6334 Apr 16 00:17	0°♊		
	6331 Sep 18 19:11	0°♊			6334 May 10 03:41	0°♊		
desc. node	6331 Oct 14 02:23	0°♊03'59			6334 Jun 03 06:45	0°♊		
	6331 Oct 14 01:02	0°♊		morning set	6334 Jun 24 05:22	25°♊58'53		
	6331 Nov 08 21:11	0°♊			6334 Jun 27 11:13	0°☾		
	6331 Dec 05 18:37	0°♊		asc. node	6334 Jul 21 22:03	0°♊13'55		
evening max el	6331 Dec 25 12:23	20°♊31'41 46°38'46			6334 Jul 21 17:32	0°♊		
	6332 Jan 04 10:47	0°♊						
greatest brilliancy	6332 Feb 03 19:05	20°♊56'11 -4.9m		superior conj	6334 Aug 01 02:52	12°♊49'17 0°24'15		
asc. node	6332 Feb 04 03:16	21°♊03'24		minimum elong	6334 Jul 31 21:45	12°♊33'31 0°23'59		
retrograde	6332 Feb 13 16:09	22°♊46'53		max. Earth dist.	6334 Aug 02 13:14	14°♊35'17 1.73161 AU		
evening set	6332 Feb 29 07:00	18°♊01'00			6334 Aug 15 01:20	0°♊		
inferior conj	6332 Mar 05 07:11	15°♊01'51 6°55'58		evening rise	6334 Sep 06 16:46	27°♊52'20		
minimum elong	6332 Mar 04 20:13	15°♊18'40 6°53'39			6334 Sep 08 10:18	0°♊		
min. Earth dist.	6332 Mar 04 22:02	15°♊15'53 0.26829 AU			6334 Oct 02 20:48	0°♊		
morning rise	6332 Mar 09 09:28	12°♊33'45			6334 Oct 27 09:48	0°♊		
direct	6332 Mar 25 19:35	7°♊18'20		desc. node	6334 Nov 10 14:09	17°♊15'44		
greatest brilliancy	6332 Apr 04 10:01	9°♊02'38 -4.9m			6334 Nov 21 02:06	0°♊		
	6332 May 04 20:55	0°♊			6334 Dec 15 22:28	0°♊		
morning max el	6332 May 15 02:06	9°♊48'34 46°48'02			6335 Jan 10 01:08	0°♊		
desc. node	6332 May 25 19:28	20°♊51'39			6335 Feb 04 17:44	0°♊		
	6332 Jun 03 07:27	0°♊		asc. node	6335 Mar 03 14:55	29°♊36'35		
	6332 Jun 29 22:34	0°♊			6335 Mar 03 23:54	0°♊		
	6332 Jul 25 14:58	0°☾		evening max el	6335 Mar 08 07:43	4°♊26'39 47°05'25		
	6332 Aug 19 20:46	0°♊			6335 Apr 06 20:29	0°♊		
	6332 Sep 13 19:26	0°♊		greatest brilliancy	6335 Apr 17 20:52	5°♊42'33 -4.9m		
asc. node	6332 Sep 15 19:56	2°♊26'44		retrograde	6335 Apr 28 00:43	7°♊40'04		
	6332 Oct 08 11:41	0°♊		evening set	6335 May 15 03:18	1°♊58'13		
	6332 Nov 01 22:13	0°♊			6335 May 18 08:53	30°♊		
morning set	6332 Nov 11 06:30	11°♊32'03		inferior conj	6335 May 18 21:24	29°♊40'39 7°33'18		
	6332 Nov 26 04:24	0°♊		minimum elong	6335 May 19 07:27	29°♊25'06 7°31'30		
max. Earth dist.	6332 Dec 15 22:35	24°♊32'50 1.72253 AU		min. Earth dist.	6335 May 18 19:19	29°♊43'51 0.27513 AU		
				morning rise	6335 May 23 11:48	26°♊54'04		
superior conj	6332 Dec 18 17:59	28°♊02'38 0°41'09		direct	6335 Jun 08 16:36	21°♊47'59		
minimum elong	6332 Dec 19 02:33	28°♊29'17 0°40'48		greatest brilliancy	6335 Jun 18 08:26	23°♊32'29 -4.8m		
	6332 Dec 20 07:42	0°♊		desc. node	6335 Jun 23 07:11	25°♊36'03		
desc. node	6333 Jan 05 11:55	20°♊09'46			6335 Jun 30 23:42	0°♊		
	6333 Jan 13 09:00	0°♊		morning max el	6335 Jul 28 03:08	22°♊45'29 46°02'53		
evening rise	6333 Jan 27 03:58	17°♊14'19			6335 Aug 04 10:33	0°☾		
	6333 Feb 06 08:45	0°♊			6335 Sep 01 12:56	0°♊		
	6333 Mar 02 07:46	0°♊			6335 Sep 27 22:07	0°♊		
	6333 Mar 26 08:02	0°♊		asc. node	6335 Oct 14 07:49	19°♊12'55		
	6333 Apr 19 12:47	0°♊			6335 Oct 23 09:46	0°♊		
asc. node	6333 Apr 28 12:28	11°♊02'29			6335 Nov 17 07:02	0°♊		
	6333 May 14 02:15	0°☾			6335 Dec 11 18:24	0°♊		
	6333 Jun 08 06:30	0°♊			6336 Jan 04 23:16	0°♊		
	6333 Jul 04 13:33	0°♊		morning set	6336 Jan 22 12:39	21°♊54'13		
evening max el	6333 Jul 31 02:23	27°♊43'19 45°40'38			6336 Jan 29 00:01	0°♊		
	6333 Aug 02 11:24	0°♊		desc. node	6336 Feb 02 23:49	6°♊15'03		
desc. node	6333 Aug 18 04:57	13°♊45'34			6336 Feb 21 22:04	0°♊		
greatest brilliancy	6333 Sep 07 17:18	25°♊59'30 -4.7m		max. Earth dist.	6336 Mar 02 08:02	11°♊49'55 1.71203 AU		
retrograde	6333 Sep 18 00:33	27°♊54'59						
evening set	6333 Oct 06 00:58	21°♊50'14		superior conj	6336 Mar 03 05:34	12°♊57'38 -1°03'29		
inferior conj	6333 Oct 09 13:10	19°♊40'07 -8°32'18		minimum elong	6336 Mar 02 17:37	12°♊20'05 1°03'04		
minimum elong	6333 Oct 09 10:37	19°♊44'06 8°32'12			6336 Mar 16 18:39	0°♊		
min. Earth dist.	6333 Oct 09 17:06	19°♊33'56 0.29132 AU			6336 Apr 09 15:23	0°♊		
morning rise	6333 Oct 12 20:11	17°♊37'30		evening rise	6336 Apr 13 00:02	4°♊13'09		
direct	6333 Oct 31 02:27	11°♊21'01			6336 May 03 14:21	0°♊		
greatest brilliancy	6333 Nov 10 19:36	13°♊25'55 -4.8m		asc. node	6336 May 26 00:18	27°♊52'01		
	6333 Dec 06 04:07	0°♊			6336 May 27 17:42	0°☾		
asc. node	6333 Dec 09 05:29	2°♊41'04			6336 Jun 21 03:26	0°♊		
morning max el	6333 Dec 19 16:18	12°♊32'37 46°10'58			6336 Jul 15 22:01	0°♊		

	6336 Aug 10 05:56	0°♄		desc. node	6339 Mar 02 11:38	22°♊35'50	
	6336 Sep 05 12:39	0°♌			6339 Mar 08 09:38	0°♐	
desc. node	6336 Sep 14 16:33	10°♌03'41			6339 Apr 01 07:52	0°♑	
	6336 Oct 03 18:45	0°♈		morning set	6339 Apr 08 21:21	9°♑29'44	
evening max el	6336 Oct 10 14:06	6°♈39'25	45°46'35		6339 Apr 25 05:22	0°♉	
	6336 Nov 08 13:20	0°♊					
greatest brilliancy	6336 Nov 19 00:24	4°♊54'03	-4.8m	superior conj	6339 May 19 03:05	29°♉56'54	-1°12'37
retrograde	6336 Nov 28 09:05	6°♊29'25		minimum elong	6339 May 19 13:35	0°♐29'40	1°12'22
evening set	6336 Dec 13 22:18	1°♊50'45			6339 May 19 04:05	0°♐	
	6336 Dec 17 02:05	30°♈♈		max. Earth dist.	6339 May 22 21:39	4°♐39'46	1.71825 AU
inferior conj	6336 Dec 19 07:40	28°♈37'42	-4°12'28		6339 Jun 12 05:37	0°♑	
minimum elong	6336 Dec 19 16:14	28°♈24'28	4°10'04	asc. node	6339 Jun 23 12:14	13°♑59'30	
min. Earth dist.	6336 Dec 20 04:03	28°♈06'13	0.27660 AU	evening rise	6339 Jun 27 12:14	18°♑56'42	
morning rise	6336 Dec 25 09:31	25°♈00'52			6339 Jul 06 10:50	0°♒	
asc. node	6337 Jan 05 17:25	20°♈52'46			6339 Jul 30 20:06	0°♑	
direct	6337 Jan 09 09:36	20°♈36'20			6339 Aug 24 10:14	0°♄	
greatest brilliancy	6337 Jan 20 10:10	22°♈52'50	-4.9m		6339 Sep 18 07:06	0°♌	
	6337 Feb 02 03:34	0°♊		desc. node	6339 Oct 13 04:17	29°♌31'47	
morning max el	6337 Feb 28 22:36	23°♊36'51	46°53'14		6339 Oct 13 13:54	0°♈	
	6337 Mar 07 03:12	0°♊			6339 Nov 08 11:45	0°♊	
	6337 Apr 03 05:30	0°♐			6339 Dec 05 12:45	0°♊	
desc. node	6337 Apr 27 09:37	28°♐22'07		evening max el	6339 Dec 23 00:54	18°♊06'04	46°37'00
	6337 Apr 28 18:27	0°♑			6340 Jan 04 16:32	0°♐	
	6337 May 23 16:09	0°♉		greatest brilliancy	6340 Feb 01 07:50	18°♐28'21	-4.9m
	6337 Jun 17 07:30	0°♐		asc. node	6340 Feb 03 05:13	19°♐05'35	
	6337 Jul 11 20:40	0°♑		retrograde	6340 Feb 11 04:40	20°♐19'07	
	6337 Aug 05 09:04	0°♒		evening set	6340 Feb 26 15:38	15°♐38'17	
asc. node	6337 Aug 18 09:59	15°♒58'19		inferior conj	6340 Mar 02 19:39	12°♐34'12	6°39'34
	6337 Aug 29 20:25	0°♑		minimum elong	6340 Mar 02 08:37	12°♐51'08	6°37'06
morning set	6337 Sep 01 13:55	3°♑21'01		min. Earth dist.	6340 Mar 02 11:07	12°♐47'17	0.26820 AU
	6337 Sep 23 06:05	0°♄		morning rise	6340 Mar 07 01:34	10°♐01'08	
max. Earth dist.	6337 Oct 06 18:14	16°♄38'38	1.73288 AU	direct	6340 Mar 23 07:48	4°♐50'21	
				greatest brilliancy	6340 Apr 01 23:51	6°♐36'15	-4.9m
superior conj	6337 Oct 08 03:20	18°♄20'38	1°24'43		6340 May 05 00:40	0°♑	
minimum elong	6337 Oct 08 00:41	18°♄12'28	1°24'44	morning max el	6340 May 12 15:38	7°♑24'27	46°49'27
	6337 Oct 17 14:04	0°♌		desc. node	6340 May 24 21:28	20°♑05'05	
	6337 Nov 10 21:01	0°♈			6340 Jun 03 01:06	0°♉	
evening rise	6337 Nov 13 20:12	3°♈39'50			6340 Jun 29 12:58	0°♐	
	6337 Dec 05 03:40	0°♊			6340 Jul 25 03:47	0°♑	
desc. node	6337 Dec 08 02:03	3°♊37'25			6340 Aug 19 08:41	0°♒	
	6337 Dec 29 10:13	0°♊			6340 Sep 13 06:48	0°♑	
	6338 Jan 22 16:56	0°♐		asc. node	6340 Sep 14 21:48	1°♑58'04	
	6338 Feb 16 01:19	0°♑			6340 Oct 07 22:44	0°♄	
	6338 Mar 12 15:27	0°♉			6340 Nov 01 09:08	0°♌	
asc. node	6338 Mar 31 02:36	22°♉06'40		morning set	6340 Nov 08 23:13	9°♌21'45	
	6338 Apr 06 19:36	0°♐			6340 Nov 25 15:16	0°♈	
	6338 May 03 07:11	0°♑		max. Earth dist.	6340 Dec 13 16:05	22°♈24'00	1.72297 AU
evening max el	6338 May 19 04:57	16°♑37'09	46°27'03				
	6338 Jun 02 12:15	0°♒		superior conj	6340 Dec 16 08:28	25°♈44'20	0°44'14
greatest brilliancy	6338 Jun 27 00:23	16°♒13'05	-4.8m	minimum elong	6340 Dec 16 17:26	26°♈12'13	0°43'53
retrograde	6338 Jul 08 01:23	18°♒27'21			6340 Dec 19 18:36	0°♊	
desc. node	6338 Jul 20 19:08	15°♒14'35		desc. node	6341 Jan 04 13:58	19°♊42'01	
evening set	6338 Jul 23 01:21	14°♒04'16			6341 Jan 12 20:00	0°♊	
inferior conj	6338 Jul 29 10:08	10°♒14'45	-2°04'54	evening rise	6341 Jan 24 16:29	14°♊48'50	
minimum elong	6338 Jul 29 05:35	10°♒21'53	2°03'35		6341 Feb 05 19:53	0°♐	
min. Earth dist.	6338 Jul 28 21:45	10°♒34'10	0.28476 AU		6341 Mar 01 19:04	0°♑	
morning rise	6338 Aug 04 10:23	6°♒38'08			6341 Mar 25 19:34	0°♉	
direct	6338 Aug 19 18:05	2°♒08'27			6341 Apr 19 00:39	0°♐	
greatest brilliancy	6338 Aug 29 13:58	3°♒52'53	-4.7m	asc. node	6341 Apr 27 14:28	10°♐31'48	
	6338 Oct 05 12:33	0°♑			6341 May 13 14:41	0°♑	
morning max el	6338 Oct 07 08:41	1°♑44'35	45°41'37		6341 Jun 07 20:01	0°♒	
	6338 Nov 03 17:36	0°♄			6341 Jul 04 05:28	0°♑	
asc. node	6338 Nov 10 19:48	7°♄50'32		evening max el	6341 Jul 28 18:27	25°♑32'58	45°41'36
	6338 Nov 30 05:21	0°♌			6341 Aug 02 10:51	0°♄	
	6338 Dec 25 11:54	0°♈		desc. node	6341 Aug 17 06:51	12°♄41'16	
	6339 Jan 19 02:43	0°♊		greatest brilliancy	6341 Sep 05 07:15	23°♄48'19	-4.7m
	6339 Feb 12 08:42	0°♊		retrograde	6341 Sep 15 17:14	25°♄45'51	

evening set	6341 Oct 03 15:12	19° Ω 43'34		superior conj	6344 Feb 29 16:11	10° Υ 25'55	-1°00'40
inferior conj	6341 Oct 07 05:24	17° Ω 30'20	-8°29'17	minimum elong	6344 Feb 29 04:18	9° Υ 48'33	1°00'13
minimum elong	6341 Oct 07 02:07	17° Ω 35'29	8°29'07		6344 Mar 16 05:33	0° Υ	
min. Earth dist.	6341 Oct 07 07:43	17° Ω 26'43	0.29149 AU		6344 Apr 09 02:18	0° Υ	
morning rise	6341 Oct 10 13:00	15° Ω 26'57		evening rise	6344 Apr 10 10:23	1° Υ 40'42	
direct	6341 Oct 28 19:13	9° Ω 11'15			6344 May 03 01:18	0° Π	
greatest brilliancy	6341 Nov 08 10:32	11° Ω 14'46	-4.8m	asc. node	6344 May 25 02:24	27° Π 24'15	
	6341 Dec 06 08:30	0° \mathbb{M}			6344 May 27 04:46	0° \mathfrak{S}	
asc. node	6341 Dec 08 07:35	1° \mathbb{M} 45'46			6344 Jun 20 14:47	0° Ω	
morning max el	6341 Dec 17 08:45	10° \mathbb{M} 20'57	46°09'20		6344 Jul 15 09:55	0° \mathbb{M}	
	6342 Jan 05 04:09	0° \mathfrak{X}			6344 Aug 09 18:50	0° Ω	
	6342 Jan 31 13:18	0° \mathfrak{Z}			6344 Sep 05 03:39	0° \mathbb{M}	
	6342 Feb 25 16:33	0° \approx		desc. node	6344 Sep 13 18:32	9° \mathbb{M} 25'20	
	6342 Mar 22 05:45	0° Υ			6344 Oct 03 15:21	0° \mathfrak{X}	
desc. node	6342 Mar 29 23:38	9° Υ 33'05		evening max el	6344 Oct 08 04:02	4° \mathfrak{X} 23'45	45°45'23
	6342 Apr 15 11:54	0° Υ			6344 Nov 10 06:51	0° \mathfrak{Z}	
	6342 May 09 14:59	0° Υ		greatest brilliancy	6344 Nov 16 14:59	2° \mathfrak{Z} 38'15	-4.8m
	6342 Jun 02 17:50	0° Π		retrograde	6344 Nov 25 22:11	4° \mathfrak{Z} 12'33	
morning set	6342 Jun 21 20:28	23° Π 43'08			6344 Dec 10 17:09	30° \mathfrak{R} \mathfrak{X}	
	6342 Jun 26 22:06	0° \mathfrak{S}		evening set	6344 Dec 11 15:08	29° \mathfrak{X} 29'55	
asc. node	6342 Jul 21 00:02	29° \mathfrak{S} 46'55		inferior conj	6344 Dec 16 22:01	26° \mathfrak{X} 20'15	-4°31'25
	6342 Jul 21 04:17	0° Ω		minimum elong	6344 Dec 17 07:00	26° \mathfrak{X} 06'21	4°28'59
				min. Earth dist.	6344 Dec 17 19:14	25° \mathfrak{X} 47'25	0.27725 AU
superior conj	6342 Jul 29 19:28	10° Ω 39'26	0°21'02	morning rise	6344 Dec 22 22:09	22° \mathfrak{X} 45'12	
minimum elong	6342 Jul 29 14:59	10° Ω 25'33	0°20'46	asc. node	6345 Jan 04 19:20	18° \mathfrak{X} 23'40	
max. Earth dist.	6342 Jul 31 10:22	12° Ω 39'25	1.73130 AU	direct	6345 Jan 07 00:04	18° \mathfrak{X} 17'49	
	6342 Aug 14 12:00	0° \mathbb{M}		greatest brilliancy	6345 Jan 18 02:04	20° \mathfrak{X} 35'00	-4.9m
evening rise	6342 Sep 04 10:58	25° \mathbb{M} 47'52			6345 Feb 02 22:57	0° \mathfrak{Z}	
	6342 Sep 07 21:00	0° Ω		morning max el	6345 Feb 26 12:03	21° \mathfrak{Z} 13'28	46°52'12
	6342 Oct 02 07:42	0° \mathbb{M}			6345 Mar 06 22:59	0° \approx	
	6342 Oct 26 21:02	0° \mathfrak{X}			6345 Apr 02 20:46	0° Υ	
desc. node	6342 Nov 09 16:15	16° \mathfrak{X} 47'12		desc. node	6345 Apr 26 11:41	27° Υ 48'06	
	6342 Nov 20 13:52	0° \mathfrak{Z}			6345 Apr 28 07:49	0° Υ	
	6342 Dec 15 10:59	0° \approx			6345 May 23 04:28	0° Υ	
	6343 Jan 09 14:51	0° Υ			6345 Jun 16 19:07	0° Π	
	6343 Feb 04 09:39	0° Υ			6345 Jul 11 07:48	0° \mathfrak{S}	
asc. node	6343 Mar 02 16:51	28° Υ 46'50			6345 Aug 04 19:52	0° Ω	
	6343 Mar 03 21:14	0° Υ		asc. node	6345 Aug 17 11:52	15° Ω 31'17	
evening max el	6343 Mar 05 22:44	2° \mathfrak{S} 06'14	47°05'42		6345 Aug 29 07:01	0° \mathbb{M}	
	6343 Apr 08 08:20	0° Π		morning set	6345 Aug 30 07:12	1° \mathbb{M} 14'12	
greatest brilliancy	6343 Apr 15 11:10	3° Π 20'20	-4.9m		6345 Sep 22 16:36	0° Ω	
retrograde	6343 Apr 25 15:13	5° Π 17'28		max. Earth dist.	6345 Oct 04 11:59	14° Ω 33'05	1.73305 AU
	6343 May 12 00:53	30° \mathfrak{R} \mathfrak{S}					
evening set	6343 May 12 20:26	29° \mathfrak{S} 31'10		superior conj	6345 Oct 05 21:21	16° Ω 15'54	1°24'12
inferior conj	6343 May 16 11:04	27° \mathfrak{S} 18'32	7°46'01	minimum elong	6345 Oct 05 18:02	16° Ω 05'42	1°24'11
minimum elong	6343 May 16 20:45	27° \mathfrak{S} 03'32	7°44'24		6345 Oct 17 00:34	0° \mathbb{M}	
min. Earth dist.	6343 May 16 08:27	27° \mathfrak{S} 22'36	0.27485 AU		6345 Nov 10 07:37	0° \mathfrak{X}	
morning rise	6343 May 20 21:19	24° \mathfrak{S} 37'56		evening rise	6345 Nov 11 12:44	1° \mathfrak{X} 29'56	
direct	6343 Jun 06 06:27	19° \mathfrak{S} 26'36			6345 Dec 04 14:26	0° \mathfrak{Z}	
greatest brilliancy	6343 Jun 15 20:31	21° \mathfrak{S} 09'47	-4.8m	desc. node	6345 Dec 07 04:06	3° \mathfrak{Z} 10'26	
desc. node	6343 Jun 22 09:17	24° \mathfrak{S} 01'01			6345 Dec 28 21:17	0° \approx	
	6343 Jul 01 23:17	0° Π			6346 Jan 22 04:24	0° Υ	
morning max el	6343 Jul 25 17:42	20° Π 28'57	46°04'18		6346 Feb 15 13:19	0° Υ	
	6343 Aug 04 06:34	0° \mathfrak{S}			6346 Mar 12 04:15	0° Υ	
	6343 Sep 01 03:53	0° Ω		asc. node	6346 Mar 30 04:36	21° \mathfrak{S} 31'50	
	6343 Sep 27 10:59	0° \mathbb{M}			6346 Apr 06 09:53	0° Π	
asc. node	6343 Oct 13 09:52	18° \mathbb{M} 43'05			6346 May 03 00:50	0° \mathfrak{S}	
	6343 Oct 22 21:35	0° Ω		evening max el	6346 May 16 18:56	14° \mathfrak{S} 18'17	46°29'01
	6343 Nov 16 18:19	0° \mathbb{M}			6346 Jun 02 19:03	0° Ω	
	6343 Dec 11 05:24	0° \mathfrak{X}		greatest brilliancy	6346 Jun 24 17:14	14° Ω 01'32	-4.8m
	6344 Jan 04 10:10	0° \mathfrak{Z}		retrograde	6346 Jul 05 17:04	16° Ω 15'20	
morning set	6344 Jan 20 01:18	19° \mathfrak{Z} 29'51		desc. node	6346 Jul 19 21:00	12° Ω 19'13	
	6344 Jan 28 10:53	0° \approx		evening set	6346 Jul 20 16:52	11° Ω 52'34	
desc. node	6344 Feb 02 01:44	5° \approx 47'01		min. Earth dist.	6346 Jul 26 14:09	8° Ω 21'34	0.28434 AU
	6344 Feb 21 08:57	0° Υ		inferior conj	6346 Jul 27 01:52	8° Ω 03'14	-1°44'43
max. Earth dist.	6344 Feb 28 12:20	8° Υ 58'25	1.71216 AU	minimum elong	6346 Jul 26 22:00	8° Ω 09'16	1°43'35
				morning rise	6346 Aug 02 03:38	4° Ω 24'30	

	6346 Aug 15 20:21	30° $\text{R}\mathfrak{S}$			6349 Mar 01 06:02	0° Υ
direct	6346 Aug 17 08:42	29° $\mathfrak{S}57'20$			6349 Mar 25 06:46	0° \mathfrak{B}
	6346 Aug 18 21:22	0° \mathfrak{Q}			6349 Apr 18 12:13	0° \mathfrak{I}
greatest brilliancy	6346 Aug 27 05:48	1° $\mathfrak{Q}42'31$ -4.7m	asc. node		6349 Apr 26 16:33	10° $\mathfrak{I}02'19$
morning max el	6346 Oct 04 23:37	29° $\mathfrak{Q}32'42$ 45°41'36			6349 May 13 02:53	0° \mathfrak{S}
	6346 Oct 05 11:03	0° \mathfrak{M}			6349 Jun 07 09:23	0° \mathfrak{Q}
	6346 Nov 03 09:02	0° \mathfrak{L}			6349 Jul 03 21:27	0° \mathfrak{M}
asc. node	6346 Nov 09 21:50	7° $\mathfrak{L}15'18$	evening max el		6349 Jul 26 11:15	23° $\mathfrak{M}24'43$ 45°42'32
	6346 Nov 29 18:23	0° \mathfrak{M}			6349 Aug 02 11:16	0° \mathfrak{L}
	6346 Dec 24 23:50	0° \mathfrak{J}	desc. node		6349 Aug 16 08:54	11° $\mathfrak{L}35'54$
	6347 Jan 18 14:06	0° \mathfrak{Z}	greatest brilliancy		6349 Sep 02 21:46	21° $\mathfrak{L}38'12$ -4.7m
	6347 Feb 11 19:47	0° \approx	retrograde		6349 Sep 13 09:39	23° $\mathfrak{L}37'05$
desc. node	6347 Mar 01 13:39	22° $\approx07'53$	evening set		6349 Oct 01 05:16	17° $\mathfrak{L}37'55$
	6347 Mar 07 20:34	0° \mathfrak{H}	inferior conj		6349 Oct 04 21:40	15° $\mathfrak{L}21'10$ -8°25'38
	6347 Mar 31 18:42	0° Υ	minimum elong		6349 Oct 04 17:40	15° $\mathfrak{L}27'26$ 8°25'22
morning set	6347 Apr 06 07:49	6° $\Upsilon57'59$	min. Earth dist.		6349 Oct 04 22:26	15° $\mathfrak{L}19'59$ 0.29158 AU
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			direct		6349 Oct 26 12:08	7° $\mathfrak{L}02'21$
superior conj	6347 May 16 15:31	27° $\mathfrak{B}32'18$ -1°14'41	greatest brilliancy		6349 Nov 06 01:02	9° $\mathfrak{L}03'50$ -4.8m
minimum elong	6347 May 17 01:39	28° $\mathfrak{B}03'59$ 1°14'27			6349 Dec 06 10:52	0° \mathfrak{M}
	6347 May 18 14:46	0° \mathfrak{I}	asc. node		6349 Dec 07 09:34	0° $\mathfrak{M}52'03$
max. Earth dist.	6347 May 20 05:07	1° $\mathfrak{I}59'48$ 1.71779 AU	morning max el		6349 Dec 15 00:39	8° $\mathfrak{M}08'52$ 46°07'40
	6347 Jun 11 16:17	0° \mathfrak{S}			6350 Jan 04 20:46	0° \mathfrak{J}
asc. node	6347 Jun 22 14:10	13° $\mathfrak{S}32'28$			6350 Jan 31 03:07	0° \mathfrak{Z}
evening rise	6347 Jun 25 02:46	16° $\mathfrak{S}40'09$			6350 Feb 25 05:05	0° \approx
	6347 Jul 05 21:31	0° \mathfrak{Q}			6350 Mar 21 17:35	0° \mathfrak{H}
	6347 Jul 30 06:55	0° \mathfrak{M}	desc. node		6350 Mar 29 01:42	9° $\mathfrak{H}03'23$
	6347 Aug 23 21:19	0° \mathfrak{L}			6350 Apr 14 23:16	0° Υ
	6347 Sep 17 18:44	0° \mathfrak{M}			6350 May 09 02:03	0° \mathfrak{B}
desc. node	6347 Oct 12 06:24	29° $\mathfrak{M}01'07$			6350 Jun 02 04:40	0° \mathfrak{I}
	6347 Oct 13 02:29	0° \mathfrak{J}	morning set		6350 Jun 19 11:42	21° $\mathfrak{I}28'25$
	6347 Nov 08 02:06	0° \mathfrak{Z}			6350 Jun 26 08:46	0° \mathfrak{S}
	6347 Dec 05 06:52	0° \approx	asc. node		6350 Jul 20 01:58	29° $\mathfrak{S}20'13$
evening max el	6347 Dec 20 14:45	15° $\approx45'22$ 46°35'20			6350 Jul 20 14:51	0° \mathfrak{Q}
	6348 Jan 04 23:49	0° \mathfrak{H}				
greatest brilliancy	6348 Jan 29 20:14	16° $\mathfrak{H}02'10$ -4.9m	superior conj		6350 Jul 27 12:01	8° $\mathfrak{Q}29'48$ 0°17'45
asc. node	6348 Feb 02 07:08	17° $\mathfrak{H}04'57$	minimum elong		6350 Jul 27 08:11	8° $\mathfrak{Q}17'56$ 0°17'32
retrograde	6348 Feb 08 17:54	17° $\mathfrak{H}53'33$	max. Earth dist.		6350 Jul 29 07:36	10° $\mathfrak{Q}44'14$ 1.73102 AU
evening set	6348 Feb 24 00:47	13° $\mathfrak{H}17'26$			6350 Aug 13 22:33	0° \mathfrak{M}
inferior conj	6348 Feb 29 08:22	10° $\mathfrak{H}08'39$ 6°22'28	evening rise		6350 Sep 02 05:01	23° $\mathfrak{M}43'07$
minimum elong	6348 Feb 28 21:20	10° $\mathfrak{H}25'30$ 6°19'54			6350 Sep 07 07:37	0° \mathfrak{L}
min. Earth dist.	6348 Feb 29 00:07	10° $\mathfrak{H}21'14$ 0.26813 AU			6350 Oct 01 18:31	0° \mathfrak{M}
morning rise	6348 Mar 04 17:54	7° $\mathfrak{H}30'42$			6350 Oct 26 08:11	0° \mathfrak{J}
direct	6348 Mar 20 20:48	2° $\mathfrak{H}24'37$	desc. node		6350 Nov 08 18:14	16° $\mathfrak{J}18'41$
greatest brilliancy	6348 Mar 30 13:21	4° $\mathfrak{H}11'25$ -4.9m			6350 Nov 20 01:31	0° \mathfrak{Z}
	6348 May 05 02:17	0° Υ			6350 Dec 14 23:26	0° \approx
morning max el	6348 May 10 06:11	5° $\Upsilon04'09$ 46°50'30			6351 Jan 09 04:34	0° \mathfrak{H}
desc. node	6348 May 23 23:34	19° $\Upsilon20'30$			6351 Feb 04 01:41	0° Υ
	6348 Jun 02 18:01	0° \mathfrak{B}	asc. node		6351 Mar 01 18:58	27° $\Upsilon57'01$
	6348 Jun 29 02:57	0° \mathfrak{I}	evening max el		6351 Mar 03 13:26	29° $\Upsilon45'14$ 47°05'50
	6348 Jul 24 16:18	0° \mathfrak{S}			6351 Mar 03 19:16	0° \mathfrak{B}
	6348 Aug 18 20:20	0° \mathfrak{Q}			6351 Apr 10 15:18	0° \mathfrak{I}
	6348 Sep 12 17:53	0° \mathfrak{M}	greatest brilliancy		6351 Apr 13 02:12	0° $\mathfrak{I}59'21$ -4.9m
asc. node	6348 Sep 13 23:54	1° $\mathfrak{M}30'56$	retrograde		6351 Apr 23 05:15	2° $\mathfrak{I}55'18$
	6348 Oct 07 09:28	0° \mathfrak{L}			6351 May 05 04:43	30° $\mathfrak{R}\mathfrak{B}$
	6348 Oct 31 19:42	0° \mathfrak{M}	evening set		6351 May 10 13:38	27° $\mathfrak{B}04'53$
morning set	6348 Nov 06 16:04	7° $\mathfrak{M}13'00$	inferior conj		6351 May 14 00:52	24° $\mathfrak{B}57'08$ 7°57'53
	6348 Nov 25 01:49	0° \mathfrak{J}	minimum elong		6351 May 14 10:07	24° $\mathfrak{B}42'45$ 7°56'26
max. Earth dist.	6348 Dec 11 08:32	20° $\mathfrak{J}12'59$ 1.72339 AU	min. Earth dist.		6351 May 13 22:01	25° $\mathfrak{B}01'33$ 0.27456 AU
			morning rise		6351 May 18 06:51	22° $\mathfrak{B}22'28$
superior conj	6348 Dec 13 23:16	23° $\mathfrak{J}28'04$ 0°47'13	direct		6351 Jun 03 20:04	17° $\mathfrak{B}05'54$
minimum elong	6348 Dec 14 08:34	23° $\mathfrak{J}56'57$ 0°46'53	greatest brilliancy		6351 Jun 13 09:09	18° $\mathfrak{B}48'05$ -4.8m
	6348 Dec 19 05:13	0° \mathfrak{Z}	desc. node		6351 Jun 21 11:09	22° $\mathfrak{B}29'33$
desc. node	6349 Jan 03 15:53	19° $\mathfrak{Z}14'44$			6351 Jul 02 16:27	0° \mathfrak{I}
	6349 Jan 12 06:43	0° \approx	morning max el		6351 Jul 23 07:22	18° $\mathfrak{I}10'27$ 46°05'41
evening rise	6349 Jan 22 05:23	12° $\approx25'27$			6351 Aug 04 01:49	0° \mathfrak{S}
	6349 Feb 05 06:42	0° \mathfrak{H}			6351 Aug 31 18:35	0° \mathfrak{Q}





































































































































	6351 Sep 26 23:46	0°♍			6354 Apr 06 00:38	0°♊	
asc. node	6351 Oct 12 11:53	18°♍13'05			6354 May 02 19:16	0°♋	
	6351 Oct 22 09:25	0°♌		evening max el	6354 May 14 09:15	11°♋59'11	46°30'57
	6351 Nov 16 05:37	0°♍			6354 Jun 03 05:02	0°♌	
	6351 Dec 10 16:26	0°♎		greatest brilliancy	6354 Jun 22 09:29	11°♌47'59	-4.8m
	6352 Jan 03 21:04	0°♏		retrograde	6354 Jul 03 09:07	14°♌02'02	
morning set	6352 Jan 17 14:04	17°♏05'50		evening set	6354 Jul 18 08:27	9°♌39'07	
	6352 Jan 27 21:45	0°♐		desc. node	6354 Jul 18 23:05	9°♌18'53	
desc. node	6352 Feb 01 03:43	5°♐19'10		inferior conj	6354 Jul 24 17:27	5°♌50'15	-1°24'06
	6352 Feb 20 19:50	0°♑		minimum elong	6354 Jul 24 14:19	5°♌55'07	1°23'12
max. Earth dist.	6352 Feb 25 15:46	6°♑04'10	1.71235 AU	min. Earth dist.	6354 Jul 24 06:14	6°♌07'44	0.28394 AU
				morning rise	6354 Jul 30 20:39	2°♌09'49	
superior conj	6352 Feb 27 02:55	7°♑54'35	-0°57'45		6354 Aug 04 07:16	30°♌09'49	
minimum elong	6352 Feb 26 15:10	7°♑17'40	0°57'17	direct	6354 Aug 14 23:21	27°♌44'40	
	6352 Mar 15 16:29	0°♒		greatest brilliancy	6354 Aug 24 21:20	29°♌30'41	-4.7m
evening rise	6352 Apr 07 20:48	29°♒08'14			6354 Aug 26 05:49	0°♍	
	6352 Apr 08 13:17	0°♓		morning max el	6354 Oct 02 15:17	27°♍21'40	45°41'40
	6352 May 02 12:21	0°♊			6354 Oct 05 09:01	0°♎	
asc. node	6352 May 24 04:19	26°♊55'40			6354 Nov 03 00:34	0°♏	
	6352 May 26 15:57	0°♋		asc. node	6354 Nov 08 23:48	6°♏39'13	
	6352 Jun 20 02:14	0°♌			6354 Nov 29 07:40	0°♍	
	6352 Jul 14 21:55	0°♎			6354 Dec 24 12:07	0°♏	
	6352 Aug 09 07:55	0°♏			6355 Jan 18 01:53	0°♐	
desc. node	6352 Sep 04 19:02	0°♍			6355 Feb 11 07:18	0°♑	
	6352 Sep 12 20:37	8°♍46'19		desc. node	6355 Feb 28 15:46	21°♑38'59	
	6352 Oct 03 12:58	0°♎			6355 Mar 07 07:54	0°♒	
evening max el	6352 Oct 05 17:25	2°♎06'14	45°44'10		6355 Mar 31 05:53	0°♓	
	6352 Nov 13 04:07	0°♏		morning set	6355 Apr 03 18:02	4°♓24'12	
greatest brilliancy	6352 Nov 14 05:24	0°♏21'34	-4.8m		6355 Apr 24 03:12	0°♔	
retrograde	6352 Nov 23 11:28	1°♏55'21					
	6352 Dec 03 08:38	30°♏05'45		superior conj	6355 May 14 03:42	25°♏05'45	-1°16'35
evening set	6352 Dec 09 08:02	27°♏08'12		minimum elong	6355 May 14 13:24	25°♏36'04	1°16'24
inferior conj	6352 Dec 14 12:23	24°♏02'17	-4°49'54	max. Earth dist.	6355 May 17 14:16	29°♏23'56	1.71734 AU
minimum elong	6352 Dec 14 21:44	23°♏47'49	4°47'26		6355 May 18 01:48	0°♊	
min. Earth dist.	6352 Dec 15 10:30	23°♏28'04	0.27790 AU		6355 Jun 11 03:19	0°♋	
morning rise	6352 Dec 20 10:39	20°♏29'31		asc. node	6355 Jun 21 16:09	13°♋04'27	
asc. node	6353 Jan 03 21:16	15°♏59'15		evening rise	6355 Jun 22 17:14	14°♋22'10	
direct	6353 Jan 04 14:25	15°♏58'39			6355 Jul 05 08:36	0°♌	
greatest brilliancy	6353 Jan 15 18:22	18°♏17'17	-4.9m		6355 Jul 29 18:07	0°♍	
	6353 Feb 03 13:37	0°♐			6355 Aug 23 08:48	0°♎	
morning max el	6353 Feb 24 01:50	18°♐50'33	46°51'14		6355 Sep 17 06:46	0°♏	
	6353 Mar 06 18:22	0°♑		desc. node	6355 Oct 11 08:23	28°♏28'54	
	6353 Apr 02 11:58	0°♒			6355 Oct 12 15:32	0°♎	
desc. node	6353 Apr 25 13:41	27°♒13'38			6355 Nov 07 17:02	0°♏	
	6353 Apr 27 21:14	0°♓			6355 Dec 05 01:57	0°♐	
	6353 May 22 16:53	0°♔		evening max el	6355 Dec 18 05:13	13°♐24'57	46°33'25
	6353 Jun 16 06:53	0°♊			6356 Jan 05 10:39	0°♑	
	6353 Jul 10 19:07	0°♋		greatest brilliancy	6356 Jan 27 08:13	13°♑33'37	-4.9m
	6353 Aug 04 06:52	0°♌		asc. node	6356 Feb 01 09:15	14°♑57'07	
asc. node	6353 Aug 16 13:58	15°♌04'24		retrograde	6356 Feb 06 06:56	15°♑25'27	
morning set	6353 Aug 28 00:37	29°♌07'10		evening set	6356 Feb 21 09:53	10°♑54'04	
	6353 Aug 28 17:50	0°♍		inferior conj	6356 Feb 26 20:46	7°♑40'39	6°04'21
	6353 Sep 22 03:19	0°♎		minimum elong	6356 Feb 26 09:52	7°♑57'18	6°01'43
max. Earth dist.	6353 Oct 02 07:24	12°♎31'58	1.73326 AU	min. Earth dist.	6356 Feb 26 12:50	7°♑52'47	0.26806 AU
				morning rise	6356 Mar 02 09:55	4°♑57'48	
superior conj	6353 Oct 03 15:26	14°♎10'42	1°23'34		6356 Mar 16 18:20	30°♑05'45	
minimum elong	6353 Oct 03 11:29	13°♎58'31	1°23'32	direct	6356 Mar 18 09:59	29°♑56'38	
	6353 Oct 16 11:19	0°♏			6356 Mar 20 01:57	0°♒	
evening rise	6353 Nov 09 05:20	29°♏19'24		greatest brilliancy	6356 Mar 28 02:24	1°♒43'50	-4.9m
	6353 Nov 09 18:29	0°♐			6356 May 05 03:17	0°♓	
	6353 Dec 04 01:32	0°♑		morning max el	6356 May 07 20:25	2°♓41'33	46°51'34
desc. node	6353 Dec 06 06:01	2°♑41'58		desc. node	6356 May 23 01:30	18°♓34'39	
	6353 Dec 28 08:42	0°♒			6356 Jun 02 11:05	0°♔	
	6354 Jan 21 16:12	0°♓			6356 Jun 28 17:12	0°♊	
	6354 Feb 15 01:38	0°♔			6356 Jul 24 05:08	0°♋	
	6354 Mar 11 17:26	0°♕			6356 Aug 18 08:19	0°♌	
asc. node	6354 Mar 29 06:40	20°♕56'05			6356 Sep 12 05:20	0°♍	

asc. node	6356 Sep 13 01:54	1° \cap 02'19		greatest brilliancy	6359 Apr 10 17:20	28° ♄ 37'16	-4.9m
	6356 Oct 06 20:35	0° $\underline{\cap}$			6359 Apr 15 13:46	0° II	
	6356 Oct 31 06:38	0° III		retrograde	6359 Apr 20 18:36	0° II 31'47	
morning set	6356 Nov 04 09:11	5° III 03'57			6359 Apr 25 20:38	30° R ♄	
	6356 Nov 24 12:44	0° ♄		evening set	6359 May 08 06:34	24° ♄ 37'16	
max. Earth dist.	6356 Dec 08 23:58	17° ♄ 57'47	1.72381 AU	inferior conj	6359 May 11 14:31	22° ♄ 34'21	8°08'50
				minimum elong	6359 May 11 23:16	22° ♄ 20'46	8°07'35
superior conj	6356 Dec 11 14:24	21° ♄ 11'48	0°50'07	min. Earth dist.	6359 May 11 11:45	22° ♄ 38'40	0.27432 AU
minimum elong	6356 Dec 11 23:56	21° ♄ 41'26	0°49'46	morning rise	6359 May 15 16:10	20° ♄ 05'46	
	6356 Dec 18 16:12	0° ♄		direct	6359 Jun 01 09:03	14° ♄ 43'35	
desc. node	6357 Jan 02 17:56	18° ♄ 46'44		greatest brilliancy	6359 Jun 10 22:21	16° ♄ 25'35	-4.8m
	6357 Jan 11 17:49	0° \approx		desc. node	6359 Jun 20 13:14	21° ♄ 00'14	
evening rise	6357 Jan 19 18:18	10° \approx 01'02			6359 Jul 03 05:47	0° II	
	6357 Feb 04 17:57	0° H		morning max el	6359 Jul 20 20:29	15° II 49'21	46°07'12
	6357 Feb 28 17:28	0° Y			6359 Aug 03 20:53	0° ☾	
	6357 Mar 24 18:28	0° ♄			6359 Aug 31 09:20	0° Ω	
	6357 Apr 18 00:18	0° II			6359 Sep 26 12:40	0° \cap	
asc. node	6357 Apr 25 18:26	9° II 30'42		asc. node	6359 Oct 11 13:48	17° \cap 42'27	
	6357 May 12 15:35	0° ☾			6359 Oct 21 21:20	0° $\underline{\cap}$	
	6357 Jun 06 23:19	0° Ω			6359 Nov 15 17:02	0° III	
	6357 Jul 03 14:10	0° \cap			6359 Dec 10 03:35	0° ♄	
evening max el	6357 Jul 24 03:35	21° \cap 14'02	45°43'29		6360 Jan 03 08:05	0° ♄	
	6357 Aug 02 13:32	0° $\underline{\cap}$		morning set	6360 Jan 15 03:12	14° ♄ 42'36	
desc. node	6357 Aug 15 10:59	10° $\underline{\cap}$ 27'38			6360 Jan 27 08:42	0° \approx	
greatest brilliancy	6357 Aug 31 12:55	19° $\underline{\cap}$ 27'34	-4.7m	desc. node	6360 Jan 31 05:50	4° \approx 51'31	
retrograde	6357 Sep 11 01:38	21° $\underline{\cap}$ 27'01			6360 Feb 20 06:47	0° H	
evening set	6357 Sep 28 19:06	15° $\underline{\cap}$ 31'35		max. Earth dist.	6360 Feb 22 21:14	3° H 16'09	1.71255 AU
inferior conj	6357 Oct 02 13:55	13° $\underline{\cap}$ 10'57	-8°21'12				
minimum elong	6357 Oct 02 09:14	13° $\underline{\cap}$ 18'18	8°20'52	superior conj	6360 Feb 24 14:03	5° H 24'21	-0°54'43
min. Earth dist.	6357 Oct 02 13:27	13° $\underline{\cap}$ 11'41	0.29162 AU	minimum elong	6360 Feb 24 02:31	4° H 48'09	0°54'16
morning rise	6357 Oct 05 23:23	11° $\underline{\cap}$ 04'29			6360 Mar 15 03:27	0° Y	
direct	6357 Oct 24 04:49	4° $\underline{\cap}$ 52'28		evening rise	6360 Apr 05 07:32	26° Y 36'43	
greatest brilliancy	6357 Nov 03 15:42	6° $\underline{\cap}$ 51'57	-4.8m		6360 Apr 08 00:18	0° ♄	
asc. node	6357 Dec 06 11:29	29° $\underline{\cap}$ 58'14			6360 May 01 23:27	0° II	
	6357 Dec 06 12:14	0° III		asc. node	6360 May 23 06:18	26° II 27'03	
morning max el	6357 Dec 12 15:39	5° III 53'41	46°06'10		6360 May 26 03:13	0° ☾	
	6358 Jan 04 13:24	0° ♄			6360 Jun 19 13:49	0° Ω	
	6358 Jan 30 17:05	0° ♄			6360 Jul 14 10:05	0° \cap	
	6358 Feb 24 17:51	0° \approx			6360 Aug 08 21:12	0° $\underline{\cap}$	
	6358 Mar 21 05:42	0° H			6360 Sep 04 10:41	0° III	
desc. node	6358 Mar 28 03:39	8° H 32'19		desc. node	6360 Sep 11 22:34	8° III 06'26	
	6358 Apr 14 10:59	0° Y			6360 Oct 03 11:28	0° ♄	
	6358 May 08 13:30	0° ♄		evening max el	6360 Oct 03 06:45	29° III 48'47	45°43'10
	6358 Jun 01 15:53	0° II		greatest brilliancy	6360 Nov 11 19:12	28° ♄ 04'35	-4.8m
morning set	6358 Jun 17 02:29	19° II 11'05		retrograde	6360 Nov 21 01:18	29° ♄ 38'41	
	6358 Jun 25 19:48	0° ☾		evening set	6360 Dec 07 01:03	24° ♄ 46'38	
asc. node	6358 Jul 19 04:03	28° ☾ 53'03		inferior conj	6360 Dec 12 02:47	21° ♄ 44'33	-5°07'46
	6358 Jul 20 01:44	0° Ω		minimum elong	6360 Dec 12 12:27	21° ♄ 29'36	5°05'17
				min. Earth dist.	6360 Dec 13 01:28	21° ♄ 09'29	0.27857 AU
superior conj	6358 Jul 25 04:16	6° Ω 18'14	0°14'26	morning rise	6360 Dec 17 23:04	18° ♄ 14'34	
minimum elong	6358 Jul 25 01:07	6° Ω 08'30	0°14'15	direct	6361 Jan 02 05:06	13° ♄ 39'38	
behind sun begin	6358 Jul 24 14:32	5° Ω 35'49		asc. node	6361 Jan 02 23:25	13° ♄ 40'20	
behind sun end	6358 Jul 25 11:42	6° Ω 41'11		greatest brilliancy	6361 Jan 13 10:33	15° ♄ 59'47	-4.8m
max. Earth dist.	6358 Jul 27 04:19	8° Ω 46'31	1.73068 AU		6361 Feb 04 00:30	0° ♄	
	6358 Aug 13 09:24	0° \cap		morning max el	6361 Feb 21 16:42	16° ♄ 30'38	46°50'23
evening rise	6358 Aug 30 22:55	21° \cap 37'03			6361 Mar 06 13:09	0° \approx	
	6358 Sep 06 18:33	0° $\underline{\cap}$			6361 Apr 02 02:51	0° H	
	6358 Oct 01 05:39	0° III		desc. node	6361 Apr 24 15:38	26° H 39'40	
	6358 Oct 25 19:39	0° ♄			6361 Apr 27 10:24	0° Y	
desc. node	6358 Nov 07 20:10	15° ♄ 49'02			6361 May 22 05:05	0° ♄	
	6358 Nov 19 13:30	0° ♄			6361 Jun 15 18:29	0° II	
	6358 Dec 14 12:11	0° \approx			6361 Jul 10 06:18	0° ☾	
	6359 Jan 08 18:36	0° H			6361 Aug 03 17:46	0° Ω	
	6359 Feb 03 18:12	0° Y		asc. node	6361 Aug 15 15:57	14° Ω 37'26	
asc. node	6359 Feb 28 20:55	27° Y 05'13		morning set	6361 Aug 25 17:51	26° Ω 59'45	
evening max el	6359 Mar 01 03:01	27° Y 20'41	47°05'42		6361 Aug 28 04:32	0° \cap	
	6359 Mar 03 18:27	0° ♄			6361 Sep 21 13:55	0° $\underline{\cap}$	

max. Earth dist.	6361 Sep 30 04:09	10° Ω 35'19	1.73342 AU	min. Earth dist.	6364 Feb 24 01:47	5° Υ 25'42	0.26802 AU
				morning rise	6364 Feb 29 01:53	2° Υ 26'27	
superior conj	6361 Oct 01 09:19	12° Ω 05'14	1°22'47		6364 Mar 04 21:27	30° Υ ≈	
minimum elong	6361 Oct 01 04:45	11° Ω 51'08	1°22'46	direct	6364 Mar 15 23:21	27° Υ ≈30'20	
	6361 Oct 15 21:55	0° Υ		greatest brilliancy	6364 Mar 25 15:39	29° Υ ≈17'40	-4.9m
evening rise	6361 Nov 06 21:56	27° Υ 09'24			6364 Mar 27 11:54	0° Υ	
	6361 Nov 09 05:13	0° Υ			6364 May 05 02:40	0° Υ	
	6361 Dec 03 12:30	0° Υ		morning max el	6364 May 05 09:57	0° Υ 18'13	46°52'33
desc. node	6361 Dec 05 08:04	2° Υ 14'25		desc. node	6364 May 22 03:31	17° Υ 50'53	
	6361 Dec 27 19:58	0° Υ			6364 Jun 02 03:24	0° Υ	
	6362 Jan 21 03:53	0° Υ			6364 Jun 28 06:53	0° Υ	
	6362 Feb 14 13:51	0° Υ			6364 Jul 23 17:27	0° Υ	
	6362 Mar 11 06:28	0° Υ			6364 Aug 17 19:48	0° Υ	
asc. node	6362 Mar 28 08:36	20° Υ 20'29			6364 Sep 11 16:17	0° Υ	
	6362 Apr 05 15:16	0° Υ		asc. node	6364 Sep 12 03:48	0° Υ 34'54	
	6362 May 02 13:49	0° Υ			6364 Oct 06 07:15	0° Υ	
evening max el	6362 May 12 00:25	9° Υ 43'17	46°32'54		6364 Oct 30 17:11	0° Υ	
	6362 Jun 03 17:53	0° Υ		morning set	6364 Nov 02 02:19	2° Υ 56'12	
greatest brilliancy	6362 Jun 20 01:11	9° Ω 34'50	-4.8m		6364 Nov 23 23:16	0° Υ	
retrograde	6362 Jul 01 01:31	11° Ω 49'40		max. Earth dist.	6364 Dec 06 13:32	15° Υ 38'01	1.72424 AU
evening set	6362 Jul 16 00:16	7° Ω 26'25					
desc. node	6362 Jul 18 01:07	6° Ω 17'00		superior conj	6364 Dec 09 05:36	18° Υ 57'03	0°52'55
inferior conj	6362 Jul 22 09:03	3° Ω 38'05	-1°03'25	minimum elong	6364 Dec 09 15:18	19° Υ 27'13	0°52'34
minimum elong	6362 Jul 22 06:41	3° Ω 41'46	1°02'44		6364 Dec 18 02:48	0° Υ	
min. Earth dist.	6362 Jul 21 22:03	3° Ω 55'14	0.28356 AU	desc. node	6365 Jan 01 19:59	18° Υ 19'56	
	6362 Jul 28 10:52	30° Υ ≈			6365 Jan 11 04:31	0° Υ	
morning rise	6362 Jul 28 13:36	29° Υ 56'16		evening rise	6365 Jan 17 07:11	7° Υ ≈37'46	
direct	6362 Aug 12 14:39	25° Υ 32'53			6365 Feb 04 04:48	0° Υ	
greatest brilliancy	6362 Aug 22 12:33	27° Υ 19'19	-4.7m		6365 Feb 28 04:32	0° Υ	
	6362 Aug 28 18:37	0° Ω			6365 Mar 24 05:48	0° Υ	
morning max el	6362 Sep 30 07:39	25° Ω 13'08	45°41'40		6365 Apr 17 12:02	0° Υ	
	6362 Oct 05 05:54	0° Υ		asc. node	6365 Apr 24 20:28	9° Υ 00'33	
	6362 Nov 02 15:36	0° Ω			6365 May 12 03:58	0° Υ	
asc. node	6362 Nov 08 01:48	6° Ω 04'16			6365 Jun 06 12:56	0° Ω	
	6362 Nov 28 20:34	0° Υ			6365 Jul 03 06:42	0° Υ	
	6362 Dec 24 00:02	0° Υ		evening max el	6365 Jul 21 19:13	19° Υ 02'58	45°44'33
	6363 Jan 17 13:19	0° Υ			6365 Aug 02 16:39	0° Ω	
	6363 Feb 10 18:28	0° Υ		desc. node	6365 Aug 14 12:53	9° Ω 18'53	
desc. node	6363 Feb 27 17:38	21° Υ ≈10'15		greatest brilliancy	6365 Aug 29 04:37	17° Ω 19'22	-4.7m
	6363 Mar 06 18:55	0° Υ		retrograde	6365 Sep 08 17:28	19° Ω 19'08	
	6363 Mar 30 16:47	0° Υ		evening set	6365 Sep 26 08:58	13° Ω 27'41	
morning set	6363 Apr 01 04:20	1° Υ 51'39		inferior conj	6365 Sep 30 06:23	11° Ω 02'57	-8°16'07
	6363 Apr 23 13:58	0° Υ		minimum elong	6365 Sep 30 01:03	11° Ω 11'22	8°15'41
				min. Earth dist.	6365 Sep 30 04:57	11° Ω 05'13	0.29165 AU
superior conj	6363 May 11 16:00	22° Υ 40'26	-1°18'21	morning rise	6365 Oct 03 17:08	8° Ω 54'21	
minimum elong	6363 May 12 01:11	23° Υ 09'12	1°18'12	direct	6365 Oct 21 21:15	2° Ω 44'44	
max. Earth dist.	6363 May 15 01:40	26° Υ 56'01	1.71687 AU	greatest brilliancy	6365 Nov 01 07:10	4° Ω 42'50	-4.7m
	6363 May 17 12:30	0° Υ		asc. node	6365 Dec 05 13:37	29° Ω 07'20	
	6363 Jun 10 13:58	0° Υ			6365 Dec 06 11:49	0° Υ	
evening rise	6363 Jun 20 07:51	12° Υ 05'50		morning max el	6365 Dec 10 05:56	3° Υ 38'06	46°04'33
asc. node	6363 Jun 20 18:14	12° Υ 37'59			6366 Jan 04 05:18	0° Υ	
	6363 Jul 04 19:17	0° Ω			6366 Jan 30 06:33	0° Υ	
	6363 Jul 29 04:56	0° Υ			6366 Feb 24 06:11	0° Υ	
	6363 Aug 22 19:56	0° Ω			6366 Mar 20 17:24	0° Υ	
	6363 Sep 16 18:29	0° Υ		desc. node	6366 Mar 27 05:38	8° Υ 02'40	
desc. node	6363 Oct 10 10:18	27° Υ 57'20			6366 Apr 13 22:18	0° Υ	
	6363 Oct 12 04:19	0° Υ			6366 May 08 00:32	0° Υ	
	6363 Nov 07 07:47	0° Υ			6366 Jun 01 02:43	0° Υ	
	6363 Dec 04 21:08	0° Υ		morning set	6366 Jun 14 17:05	16° Υ 54'11	
evening max el	6363 Dec 15 20:02	11° Υ ≈06'46	46°31'31		6366 Jun 25 06:28	0° Υ	
	6364 Jan 06 00:23	0° Υ		asc. node	6366 Jul 18 06:01	28° Υ 26'33	
greatest brilliancy	6364 Jan 24 20:36	11° Υ 07'08	-4.9m		6366 Jul 19 12:17	0° Ω	
asc. node	6364 Jan 31 11:12	12° Υ 45'26					
retrograde	6364 Feb 03 19:46	12° Υ 58'47		superior conj	6366 Jul 22 20:31	4° Ω 07'44	0°11'06
evening set	6364 Feb 18 19:22	8° Υ 32'07		minimum elong	6366 Jul 22 18:05	4° Ω 00'12	0°10'56
inferior conj	6364 Feb 24 09:18	5° Υ 14'13	5°45'38	behind sun begin	6366 Jul 22 00:49	3° Ω 06'55	
minimum elong	6364 Feb 23 22:35	5° Υ 30'36	5°42'57	behind sun end	6366 Jul 23 11:20	4° Ω 53'29	

max. Earth dist.	6366 Jul 24 23:01	6°Ω43'36	1.73029 AU		6369 Mar 06 07:19	0°≈	
	6366 Aug 12 19:54	0°♐			6369 Apr 01 17:32	0°♐	
evening rise	6366 Aug 28 16:54	19°♐32'24		desc. node	6369 Apr 23 17:41	26°♐06'11	
	6366 Sep 06 05:06	0°♑			6369 Apr 26 23:29	0°♑	
	6366 Sep 30 16:23	0°♒			6369 May 21 17:16	0°♒	
	6366 Oct 25 06:43	0°♓			6369 Jun 15 06:03	0°♓	
desc. node	6366 Nov 06 22:16	15°♓21'03			6369 Jul 09 17:27	0°♑	
	6366 Nov 19 01:08	0°♑			6369 Aug 03 04:39	0°♒	
	6366 Dec 14 00:41	0°≈		asc. node	6369 Aug 14 17:50	14°♒10'11	
	6367 Jan 08 08:30	0°♐		morning set	6369 Aug 23 10:51	24°♒51'39	
	6367 Feb 03 10:47	0°♑			6369 Aug 27 15:14	0°♐	
evening max el	6367 Feb 26 15:37	24°♑54'18	47°05'36		6369 Sep 21 00:33	0°♑	
asc. node	6367 Feb 27 22:53	26°♑13'12		max. Earth dist.	6369 Sep 28 01:22	8°♑40'03	1.73354 AU
	6367 Mar 03 18:26	0°♒					
greatest brilliancy	6367 Apr 08 08:16	26°♒15'20	-4.9m	superior conj	6369 Sep 29 03:07	9°♑59'24	1°21'55
retrograde	6367 Apr 18 07:49	28°♒08'47		minimum elong	6369 Sep 28 21:58	9°♑43'31	1°21'51
evening set	6367 May 05 23:11	22°♒10'07			6369 Oct 15 08:33	0°♒	
inferior conj	6367 May 09 04:03	20°♒11'59	8°18'56	evening rise	6369 Nov 04 14:39	24°♒59'48	
minimum elong	6367 May 09 12:12	19°♒59'19	8°17'52		6369 Nov 08 15:57	0°♓	
min. Earth dist.	6367 May 09 01:24	20°♒16'06	0.27408 AU		6369 Dec 02 23:27	0°♑	
morning rise	6367 May 13 01:21	17°♒49'40		desc. node	6369 Dec 04 10:06	1°♑46'54	
direct	6367 May 29 21:37	12°♒21'23			6369 Dec 27 07:14	0°≈	
greatest brilliancy	6367 Jun 08 11:47	14°♒03'51	-4.8m		6370 Jan 20 15:33	0°♐	
desc. node	6367 Jun 19 15:18	19°♒34'34			6370 Feb 14 02:06	0°♑	
	6367 Jul 03 15:24	0°♓			6370 Mar 10 19:40	0°♒	
morning max el	6367 Jul 18 09:46	13°♓29'09	46°08'50	asc. node	6370 Mar 27 10:37	19°♒44'31	
	6367 Aug 03 15:10	0°♑			6370 Apr 05 06:15	0°♓	
	6367 Aug 30 23:38	0°♒			6370 May 02 09:09	0°♑	
	6367 Sep 26 01:11	0°♐		evening max el	6370 May 09 16:13	7°♑28'10	46°34'47
asc. node	6367 Oct 10 15:51	17°♐13'12			6370 Jun 04 11:46	0°♒	
	6367 Oct 21 08:56	0°♑		greatest brilliancy	6370 Jun 17 16:47	7°♒20'27	-4.8m
	6367 Nov 15 04:07	0°♒		retrograde	6370 Jun 28 17:48	9°♒35'40	
	6367 Dec 09 14:25	0°♓		evening set	6370 Jul 13 16:03	5°♒12'11	
	6368 Jan 02 18:49	0°♑		desc. node	6370 Jul 17 03:00	3°♒11'33	
morning set	6368 Jan 12 16:27	12°♑20'37		min. Earth dist.	6370 Jul 19 13:23	1°♒41'27	0.28316 AU
	6368 Jan 26 19:26	0°≈		inferior conj	6370 Jul 20 00:22	1°♒24'21	-0°42'26
desc. node	6368 Jan 30 07:44	4°≈23'49		minimum elong	6370 Jul 19 22:46	1°♒26'50	0°41'58
	6368 Feb 19 17:34	0°♐			6370 Jul 22 06:53	30°♒♑	
max. Earth dist.	6368 Feb 20 04:23	0°♐33'59	1.71282 AU	morning rise	6370 Jul 26 06:07	27°♑41'21	
				direct	6370 Aug 10 06:07	23°♑19'50	
superior conj	6368 Feb 22 00:56	2°♐53'54	-0°51'35	greatest brilliancy	6370 Aug 20 02:53	25°♑05'53	-4.7m
minimum elong	6368 Feb 21 13:44	2°♐18'44	0°51'06		6370 Aug 30 09:20	0°♒	
	6368 Mar 14 14:17	0°♑		morning max el	6370 Sep 27 23:42	23°♒03'16	45°41'41
evening rise	6368 Apr 02 17:57	24°♑04'39			6370 Oct 05 02:17	0°♐	
	6368 Apr 07 11:10	0°♒			6370 Nov 02 06:35	0°♑	
	6368 May 01 10:24	0°♓		asc. node	6370 Nov 07 03:49	5°♑29'08	
asc. node	6368 May 22 08:23	25°♓59'09			6370 Nov 28 09:32	0°♒	
	6368 May 25 14:20	0°♑			6370 Dec 23 12:03	0°♓	
	6368 Jun 19 01:17	0°♒			6371 Jan 17 00:49	0°♑	
	6368 Jul 13 22:10	0°♐			6371 Feb 10 05:43	0°≈	
	6368 Aug 08 10:26	0°♑		desc. node	6371 Feb 26 19:40	20°≈41'54	
	6368 Sep 04 02:27	0°♒			6371 Mar 06 06:00	0°♐	
desc. node	6368 Sep 11 00:35	7°♒26'43		morning set	6371 Mar 29 14:47	29°♐19'16	
evening max el	6368 Sep 30 20:53	27°♒33'58	45°42'23		6371 Mar 30 03:45	0°♑	
	6368 Oct 03 10:41	0°♓			6371 Apr 23 00:54	0°♒	
greatest brilliancy	6368 Nov 09 08:31	25°♓48'18	-4.8m				
retrograde	6368 Nov 18 15:46	27°♓23'18		superior conj	6371 May 09 04:00	20°♒13'35	-1°19'59
evening set	6368 Dec 04 18:17	22°♓26'19		minimum elong	6371 May 09 12:36	20°♒40'28	1°19'51
inferior conj	6368 Dec 09 17:20	19°♓28'00	-5°24'50	max. Earth dist.	6371 May 12 14:11	24°♒30'52	1.71647 AU
minimum elong	6368 Dec 10 03:14	19°♓12'41	5°22'23		6371 May 16 23:24	0°♓	
min. Earth dist.	6368 Dec 10 16:05	18°♓52'52	0.27924 AU		6371 Jun 10 00:52	0°♑	
morning rise	6368 Dec 15 11:29	16°♓01'12		evening rise	6371 Jun 17 21:52	9°♑46'42	
direct	6368 Dec 30 20:28	11°♓22'02		asc. node	6371 Jun 19 20:08	12°♑10'05	
asc. node	6369 Jan 02 01:19	11°♓27'50			6371 Jul 04 06:13	0°♒	
greatest brilliancy	6369 Jan 11 02:12	13°♓42'54	-4.8m		6371 Jul 28 16:01	0°♐	
	6369 Feb 04 08:10	0°♑			6371 Aug 22 07:22	0°♑	
morning max el	6369 Feb 19 08:19	14°♑13'19	46°49'11		6371 Sep 16 06:33	0°♒	

desc. node	6371 Oct 09 12:24	27° \mathbb{M} 25'15		6374 Apr 13 09:54	0° Υ	
	6371 Oct 11 17:30	0° \mathcal{A}		6374 May 07 11:51	0° \mathcal{B}	
	6371 Nov 06 23:04	0° \mathcal{Z}		6374 May 31 13:48	0° \mathbb{I}	
	6371 Dec 04 17:14	0° \approx	morning set	6374 Jun 12 07:54	14° \mathbb{I} 37'06	
evening max el	6371 Dec 13 10:30	8° \approx 47'00	46°29'39	6374 Jun 24 17:22	0° \mathcal{D}	
	6372 Jan 06 19:07	0° \mathcal{H}		6374 Jul 17 07:57	27° \mathcal{D} 59'05	
greatest brilliancy	6372 Jan 22 09:42	8° \mathcal{H} 41'16	-4.9m	6374 Jul 18 23:06	0° \mathcal{Q}	
asc. node	6372 Jan 30 13:08	10° \mathcal{H} 28'07				
retrograde	6372 Feb 01 08:19	10° \mathcal{H} 31'58		superior conj	6374 Jul 20 12:54	1° \mathcal{Q} 56'43 0°07'45
evening set	6372 Feb 16 05:16	6° \mathcal{H} 09'53		minimum elong	6374 Jul 20 11:11	1° \mathcal{Q} 51'26 0°07'37
inferior conj	6372 Feb 21 21:57	2° \mathcal{H} 47'55	5°26'27	behind sun begin	6374 Jul 19 14:20	0° \mathcal{Q} 47'04
minimum elong	6372 Feb 21 11:32	3° \mathcal{H} 03'53	5°23'43	behind sun end	6374 Jul 21 08:02	2° \mathcal{Q} 55'48
min. Earth dist.	6372 Feb 21 15:12	2° \mathcal{H} 58'16	0.26794 AU	max. Earth dist.	6374 Jul 22 16:32	4° \mathcal{Q} 36'08 1.72995 AU
morning rise	6372 Feb 26 17:52	29° \approx 55'13			6374 Aug 12 06:43	0° \mathbb{M}
	6372 Feb 26 14:29	30° $\mathcal{R}\approx$		evening rise	6374 Aug 26 10:52	17° \mathbb{M} 26'38
direct	6372 Mar 13 12:17	25° \approx 04'11			6374 Sep 05 16:02	0° \mathcal{L}
greatest brilliancy	6372 Mar 23 05:20	26° \approx 51'51	-4.9m		6374 Sep 30 03:31	0° \mathbb{M}
	6372 Mar 30 02:35	0° \mathcal{H}			6374 Oct 24 18:14	0° \mathcal{A}
morning max el	6372 May 02 22:26	27° \mathcal{H} 51'47	46°53'22	desc. node	6374 Nov 06 00:13	14° \mathcal{A} 51'16
	6372 May 05 01:13	0° Υ			6374 Nov 18 13:13	0° \mathcal{Z}
desc. node	6372 May 21 05:35	17° Υ 07'16			6374 Dec 13 13:41	0° \approx
	6372 Jun 01 19:40	0° \mathcal{B}			6375 Jan 07 22:58	0° \mathcal{H}
	6372 Jun 27 20:44	0° \mathbb{I}			6375 Feb 03 04:08	0° Υ
	6372 Jul 23 06:02	0° \mathcal{D}		evening max el	6375 Feb 24 04:16	22° Υ 26'56 47°05'33
	6372 Aug 17 07:36	0° \mathcal{Q}		asc. node	6375 Feb 27 00:58	25° Υ 19'21
asc. node	6372 Sep 11 05:54	0° \mathbb{M} 07'01			6375 Mar 03 20:07	0° \mathcal{B}
	6372 Sep 11 03:35	0° \mathbb{M}		greatest brilliancy	6375 Apr 05 22:51	23° \mathcal{B} 51'56 -4.9m
	6372 Oct 05 18:15	0° \mathcal{L}		retrograde	6375 Apr 15 21:28	25° \mathcal{B} 45'07
	6372 Oct 30 04:03	0° \mathbb{M}		evening set	6375 May 03 15:44	19° \mathcal{B} 42'11
morning set	6372 Oct 30 19:07	0° \mathbb{M} 46'28		inferior conj	6375 May 06 17:39	17° \mathcal{B} 48'47 8°28'14
	6372 Nov 23 10:08	0° \mathcal{A}		minimum elong	6375 May 07 01:09	17° \mathcal{B} 37'08 8°27'20
max. Earth dist.	6372 Dec 04 02:57	13° \mathcal{A} 16'50	1.72469 AU	min. Earth dist.	6375 May 06 14:52	17° \mathcal{B} 53'05 0.27382 AU
				morning rise	6375 May 10 10:41	15° \mathcal{B} 32'56
superior conj	6372 Dec 06 20:46	16° \mathcal{A} 41'13	0°55'37	direct	6375 May 27 10:19	9° \mathcal{B} 58'21
minimum elong	6372 Dec 07 06:36	17° \mathcal{A} 11'46	0°55'17	greatest brilliancy	6375 Jun 06 00:58	11° \mathcal{B} 41'21 -4.8m
	6372 Dec 17 13:44	0° \mathcal{Z}		desc. node	6375 Jun 18 17:09	18° \mathcal{B} 10'54
desc. node	6372 Dec 31 21:53	17° \mathcal{Z} 51'35			6375 Jul 03 22:36	0° \mathbb{I}
	6373 Jan 10 15:33	0° \approx		morning max el	6375 Jul 15 23:46	11° \mathbb{I} 10'09 46°10'32
evening rise	6373 Jan 14 20:09	5° \approx 13'50			6375 Aug 03 09:11	0° \mathcal{D}
	6373 Feb 03 15:58	0° \mathcal{H}			6375 Aug 30 14:00	0° \mathcal{Q}
	6373 Feb 27 15:53	0° Υ			6375 Sep 25 13:55	0° \mathbb{M}
	6373 Mar 23 17:24	0° \mathcal{B}		asc. node	6375 Oct 09 17:51	16° \mathbb{M} 42'57
	6373 Apr 17 00:00	0° \mathbb{I}			6375 Oct 20 20:49	0° \mathcal{L}
asc. node	6373 Apr 23 22:32	8° \mathbb{I} 29'45			6375 Nov 14 15:33	0° \mathbb{M}
	6373 May 11 16:38	0° \mathcal{D}			6375 Dec 09 01:36	0° \mathcal{A}
	6373 Jun 06 02:59	0° \mathcal{Q}			6376 Jan 02 05:53	0° \mathcal{Z}
	6373 Jul 02 24:00	0° \mathbb{M}		morning set	6376 Jan 10 05:46	9° \mathcal{Z} 57'51
evening max el	6373 Jul 19 09:58	16° \mathbb{M} 48'27	45°45'32		6376 Jan 26 06:30	0° \approx
	6373 Aug 02 22:17	0° \mathcal{L}		desc. node	6376 Jan 29 09:44	3° \approx 55'29
desc. node	6373 Aug 13 14:55	8° \mathcal{L} 06'52		max. Earth dist.	6376 Feb 17 14:44	28° \approx 00'53 1.71309 AU
greatest brilliancy	6373 Aug 26 20:16	15° \mathcal{L} 09'16	-4.7m			
retrograde	6373 Sep 06 09:06	17° \mathcal{L} 09'33		superior conj	6376 Feb 19 11:44	0° \mathcal{H} 22'13 -0°48'20
evening set	6373 Sep 23 22:27	11° \mathcal{L} 22'09		minimum elong	6376 Feb 19 00:57	29° \approx 48'21 0°47'51
inferior conj	6373 Sep 27 22:43	8° \mathcal{L} 53'13	-8°10'18		6376 Feb 19 04:39	0° \mathcal{H}
minimum elong	6373 Sep 27 16:44	9° \mathcal{L} 02'39	8°09'44		6376 Mar 14 01:25	0° Υ
min. Earth dist.	6373 Sep 27 20:32	8° \mathcal{L} 56'39	0.29167 AU	evening rise	6376 Mar 31 04:27	21° Υ 31'53
morning rise	6373 Oct 01 10:59	6° \mathcal{L} 42'11			6376 Apr 06 22:21	0° \mathcal{B}
direct	6373 Oct 19 13:05	0° \mathcal{L} 35'04			6376 Apr 30 21:39	0° \mathbb{I}
greatest brilliancy	6373 Oct 29 23:02	2° \mathcal{L} 32'36	-4.7m	asc. node	6376 May 21 10:17	25° \mathbb{I} 29'50
asc. node	6373 Dec 04 15:34	28° \mathcal{L} 15'36			6376 May 25 01:44	0° \mathcal{D}
	6373 Dec 06 10:55	0° \mathbb{M}			6376 Jun 18 13:00	0° \mathcal{Q}
morning max el	6373 Dec 07 19:56	1° \mathbb{M} 20'30	46°03'05		6376 Jul 13 10:28	0° \mathbb{M}
	6374 Jan 03 21:23	0° \mathcal{A}			6376 Aug 07 23:58	0° \mathcal{L}
	6374 Jan 29 20:17	0° \mathcal{Z}			6376 Sep 03 18:41	0° \mathbb{M}
	6374 Feb 23 18:49	0° \approx		desc. node	6376 Sep 10 02:38	6° \mathbb{M} 46'05
	6374 Mar 20 05:24	0° \mathcal{H}		evening max el	6376 Sep 28 11:57	25° \mathbb{M} 20'48 45°41'26
desc. node	6374 Mar 26 07:42	7° \mathcal{H} 32'15			6376 Oct 03 11:21	0° \mathcal{A}

greatest brilliancy	6376 Nov 06 21:39	23°  31'09	-4.8m	superior conj	6379 May 06 15:47	17°  45'52	-1°21'29
retrograde	6376 Nov 16 06:25	25°  06'58		minimum elong	6379 May 06 23:40	18°  10'33	1°21'22
evening set	6376 Dec 02 11:36	20°  05'15		max. Earth dist.	6379 May 10 03:02	22°  06'36	1.71602 AU
inferior conj	6376 Dec 07 07:53	17°  10'33	-5°41'22		6379 May 16 10:19	0°  II	
minimum elong	6376 Dec 07 17:58	16°  54'58	5°38'59		6379 Jun 09 11:47	0°  ☾	
min. Earth dist.	6376 Dec 08 06:24	16°  35'46	0.27992 AU	evening rise	6379 Jun 15 11:42	7°  ☾26'54	
morning rise	6376 Dec 12 23:43	13°  47'08		asc. node	6379 Jun 18 22:08	11°  ☾42'28	
direct	6376 Dec 28 12:12	9°  03'47			6379 Jul 03 17:10	0°  ♊	
asc. node	6377 Jan 01 03:16	9°  19'24			6379 Jul 28 03:07	0°  ♊	
greatest brilliancy	6377 Jan 08 17:15	11°  24'25	-4.8m		6379 Aug 21 18:47	0°  ♊	
	6377 Feb 04 13:59	0°  ☾			6379 Sep 15 18:35	0°  ♊	
morning max el	6377 Feb 17 00:04	11°  ☾55'34	46°47'57	desc. node	6379 Oct 08 14:23	26°  ♊53'08	
	6377 Mar 06 01:22	0°  ☾			6379 Oct 11 06:39	0°  ♊	
	6377 Apr 01 08:16	0°  ☾			6379 Nov 06 14:24	0°  ☾	
desc. node	6377 Apr 22 19:41	25°  ☾32'01			6379 Dec 04 13:49	0°  ☾	
	6377 Apr 26 12:42	0°  ☾		evening max el	6379 Dec 10 23:55	6°  ☾25'05	46°27'30
	6377 May 21 05:35	0°  ☾			6380 Jan 07 20:25	0°  ☾	
	6377 Jun 14 17:47	0°  ☾		greatest brilliancy	6380 Jan 19 23:13	6°  ☾15'49	-4.9m
	6377 Jul 09 04:46	0°  ☾		retrograde	6380 Jan 29 20:17	8°  ☾05'02	
	6377 Aug 02 15:39	0°  ☾		asc. node	6380 Jan 29 15:15	8°  ☾04'59	
asc. node	6377 Aug 13 19:58	13°  ☾43'17		evening set	6380 Feb 13 15:15	3°  ☾46'58	
morning set	6377 Aug 21 04:18	22°  ☾44'35		inferior conj	6380 Feb 19 10:34	0°  ☾21'28	5°06'22
	6377 Aug 27 02:03	0°  ☾		minimum elong	6380 Feb 19 00:30	0°  ☾36'54	5°03'40
	6377 Sep 20 11:16	0°  ☾		min. Earth dist.	6380 Feb 19 05:04	0°  ☾29'55	0.26796 AU
max. Earth dist.	6377 Sep 25 23:41	6°  ☾47'52	1.73366 AU		6380 Feb 20 00:33	30°  ☾	
				morning rise	6380 Feb 24 09:43	27°  ☾23'51	
superior conj	6377 Sep 26 21:17	7°  ☾54'26	1°20'56	direct	6380 Mar 11 00:39	22°  ☾37'29	
minimum elong	6377 Sep 26 15:34	7°  ☾36'50	1°20'51	greatest brilliancy	6380 Mar 20 19:48	24°  ☾26'28	-4.9m
	6377 Oct 14 19:18	0°  ☾			6380 Mar 31 18:10	0°  ☾	
evening rise	6377 Nov 02 07:39	22°  ☾50'36		morning max el	6380 Apr 30 10:19	25°  ☾23'25	46°54'17
	6377 Nov 08 02:51	0°  ☾			6380 May 04 22:59	0°  ☾	
	6377 Dec 02 10:36	0°  ☾		desc. node	6380 May 20 07:31	16°  ☾23'49	
desc. node	6377 Dec 03 12:01	1°  ☾18'20			6380 Jun 01 11:38	0°  ☾	
	6377 Dec 26 18:43	0°  ☾			6380 Jun 27 10:23	0°  ☾	
	6378 Jan 20 03:28	0°  ☾			6380 Jul 22 18:25	0°  ☾	
	6378 Feb 13 14:36	0°  ☾			6380 Aug 16 19:13	0°  ☾	
	6378 Mar 10 09:08	0°  ☾		asc. node	6380 Sep 10 07:51	29°  ☾39'14	
asc. node	6378 Mar 26 12:38	19°  ☾07'49			6380 Sep 10 14:42	0°  ☾	
	6378 Apr 04 21:36	0°  ☾			6380 Oct 05 05:04	0°  ☾	
	6378 May 02 05:12	0°  ☾		morning set	6380 Oct 28 12:26	28°  ☾38'55	
evening max el	6378 May 07 08:17	5°  ☾13'12	46°36'37		6380 Oct 29 14:43	0°  ☾	
	6378 Jun 05 12:15	0°  ☾			6380 Nov 22 20:47	0°  ☾	
greatest brilliancy	6378 Jun 15 09:09	5°  ☾06'44	-4.8m	max. Earth dist.	6380 Dec 01 19:11	11°  ☾05'11	1.72513 AU
retrograde	6378 Jun 26 10:02	7°  ☾21'21					
evening set	6378 Jul 11 08:09	2°  ☾57'46		superior conj	6380 Dec 04 12:35	14°  ☾28'14	0°58'11
desc. node	6378 Jul 16 05:06	0°  ☾04'31		minimum elong	6380 Dec 04 22:29	14°  ☾58'58	0°57'52
	6378 Jul 16 08:01	30°  ☾			6380 Dec 17 00:26	0°  ☾	
min. Earth dist.	6378 Jul 17 04:57	29°  ☾27'26	0.28271 AU	desc. node	6380 Dec 30 23:57	17°  ☾24'32	
inferior conj	6378 Jul 17 15:46	29°  ☾10'34	-0°21'15		6381 Jan 10 02:22	0°  ☾	
minimum elong	6378 Jul 17 14:58	29°  ☾11'49	0°21'02	evening rise	6381 Jan 12 09:40	2°  ☾52'26	
morning rise	6378 Jul 23 22:29	25°  ☾26'26			6381 Feb 03 02:59	0°  ☾	
direct	6378 Aug 07 21:41	21°  ☾06'58			6381 Feb 27 03:07	0°  ☾	
greatest brilliancy	6378 Aug 17 17:06	22°  ☾52'11	-4.7m		6381 Mar 23 04:55	0°  ☾	
	6378 Aug 31 12:18	0°  ☾			6381 Apr 16 11:57	0°  ☾	
morning max el	6378 Sep 25 15:05	20°  ☾51'56	45°41'49	asc. node	6381 Apr 23 00:25	7°  ☾58'34	
	6378 Oct 04 21:56	0°  ☾			6381 May 11 05:17	0°  ☾	
	6378 Nov 01 21:18	0°  ☾			6381 Jun 05 17:04	0°  ☾	
asc. node	6378 Nov 06 05:46	4°  ☾54'16			6381 Jul 02 17:30	0°  ☾	
	6378 Nov 27 22:22	0°  ☾		evening max el	6381 Jul 17 00:19	14°  ☾33'27	45°46'45
	6378 Dec 23 00:01	0°  ☾			6381 Aug 03 05:55	0°  ☾	
	6379 Jan 16 12:23	0°  ☾		desc. node	6381 Aug 12 17:00	6°  ☾53'37	
	6379 Feb 09 17:03	0°  ☾		greatest brilliancy	6381 Aug 24 11:41	12°  ☾59'39	-4.7m
desc. node	6379 Feb 25 21:46	20°  ☾13'25		retrograde	6381 Sep 04 01:12	15°  ☾01'08	
	6379 Mar 05 17:11	0°  ☾		evening set	6381 Sep 21 11:55	9°  ☾17'39	
morning set	6379 Mar 27 00:55	26°  ☾45'36		inferior conj	6381 Sep 25 15:08	6°  ☾44'32	-8°03'46
	6379 Mar 29 14:49	0°  ☾		minimum elong	6381 Sep 25 08:34	6°  ☾54'53	8°03'06
	6379 Apr 22 11:52	0°  ☾		min. Earth dist.	6381 Sep 25 12:12	6°  ☾49'09	0.29165 AU

morning rise	6381 Sep 29 05:10	4°♄30'54		evening rise	6384 Mar 13 12:07	0°♈	
	6381 Oct 08 07:48	30°♈			6384 Mar 28 15:24	19°♈01'48	
direct	6381 Oct 17 04:48	28°♈26'24			6384 Apr 06 09:06	0°♈	
	6381 Oct 26 11:14	0°♄			6384 Apr 30 08:31	0°♈	
greatest brilliancy	6381 Oct 27 15:09	0°♄23'53	-4.7m	asc. node	6384 May 20 12:18	25°♈01'54	
asc. node	6381 Dec 03 17:30	27°♄25'57			6384 May 24 12:50	0°♄	
morning max el	6381 Dec 05 10:50	29°♄06'27	46°01'51		6384 Jun 18 00:27	0°♄	
	6381 Dec 06 08:38	0°♄			6384 Jul 12 22:36	0°♄	
	6382 Jan 03 12:47	0°♄			6384 Aug 07 13:22	0°♄	
	6382 Jan 29 09:31	0°♄			6384 Sep 03 10:58	0°♄	
	6382 Feb 23 07:02	0°♄		desc. node	6384 Sep 09 04:36	6°♄05'31	
	6382 Mar 19 17:04	0°♄		evening max el	6384 Sep 26 03:27	23°♄09'29	45°40'39
desc. node	6382 Mar 25 09:38	7°♄02'27			6384 Oct 03 12:58	0°♄	
	6382 Apr 12 21:14	0°♈		greatest brilliancy	6384 Nov 04 11:04	21°♄15'32	-4.8m
	6382 May 06 22:57	0°♈		retrograde	6384 Nov 13 20:52	22°♄51'36	
	6382 May 31 00:41	0°♈		evening set	6384 Nov 30 05:03	17°♄45'25	
morning set	6382 Jun 09 22:06	12°♈18'26		inferior conj	6384 Dec 04 22:28	14°♄54'20	-5°57'21
	6382 Jun 24 04:05	0°♄		minimum elong	6384 Dec 05 08:39	14°♄38'33	5°55'01
asc. node	6382 Jul 16 10:02	27°♄32'45		min. Earth dist.	6384 Dec 05 20:40	14°♄19'57	0.28055 AU
				morning rise	6384 Dec 10 11:44	11°♄34'18	
superior conj	6382 Jul 18 04:48	29°♄44'50	0°04'20	direct	6384 Dec 26 03:55	6°♄46'54	
minimum elong	6382 Jul 18 03:49	29°♄41'50	0°04'15	asc. node	6384 Dec 31 05:25	7°♄17'00	
behind sun begin	6382 Jul 17 04:59	28°♄31'17		greatest brilliancy	6385 Jan 06 07:50	9°♄06'30	-4.8m
behind sun end	6382 Jul 19 02:39	0°♄52'22			6385 Feb 04 17:27	0°♄	
	6382 Jul 18 09:42	0°♄		morning max el	6385 Feb 14 15:28	9°♄38'10	46°46'47
max. Earth dist.	6382 Jul 20 09:04	2°♄26'17	1.72958 AU		6385 Mar 05 18:35	0°♄	
	6382 Aug 11 17:18	0°♄			6385 Mar 31 22:24	0°♄	
evening rise	6382 Aug 24 04:40	15°♄21'12		desc. node	6385 Apr 21 21:38	24°♄59'18	
	6382 Sep 05 02:42	0°♄			6385 Apr 26 01:22	0°♈	
	6382 Sep 29 14:23	0°♄			6385 May 20 17:25	0°♈	
	6382 Oct 24 05:27	0°♄			6385 Jun 14 05:05	0°♈	
desc. node	6382 Nov 05 02:11	14°♄22'27			6385 Jul 08 15:43	0°♄	
	6382 Nov 18 01:00	0°♄			6385 Aug 02 02:22	0°♄	
	6382 Dec 13 02:21	0°♄		asc. node	6385 Aug 12 21:55	13°♄16'44	
	6383 Jan 07 13:07	0°♄		morning set	6385 Aug 18 21:26	20°♄37'22	
	6383 Feb 02 21:18	0°♈			6385 Aug 26 12:36	0°♄	
evening max el	6383 Feb 21 17:35	20°♈02'52	47°05'19		6385 Sep 19 21:44	0°♄	
asc. node	6383 Feb 26 02:55	24°♈25'34		max. Earth dist.	6385 Sep 23 20:08	4°♄50'45	1.73373 AU
	6383 Mar 03 22:37	0°♈					
greatest brilliancy	6383 Apr 03 12:32	21°♈28'31	-4.9m	superior conj	6385 Sep 24 15:06	5°♄49'10	1°19'49
retrograde	6383 Apr 13 11:28	23°♈22'16		minimum elong	6385 Sep 24 08:52	5°♄29'57	1°19'43
evening set	6383 May 01 07:56	17°♈15'06			6385 Oct 14 05:47	0°♄	
inferior conj	6383 May 04 07:07	15°♈26'01	8°36'29	evening rise	6385 Oct 31 00:21	20°♄41'22	
minimum elong	6383 May 04 13:57	15°♈15'27	8°35'45		6385 Nov 07 13:29	0°♄	
min. Earth dist.	6383 May 04 03:51	15°♈31'03	0.27364 AU		6385 Dec 01 21:30	0°♄	
morning rise	6383 May 07 20:04	13°♈16'31		desc. node	6385 Dec 02 14:05	0°♄51'08	
direct	6383 May 24 23:27	7°♈35'43			6385 Dec 26 05:57	0°♄	
greatest brilliancy	6383 Jun 03 13:40	9°♈18'46	-4.8m		6386 Jan 19 15:07	0°♄	
desc. node	6383 Jun 17 19:16	16°♈50'55			6386 Feb 13 02:51	0°♈	
	6383 Jul 04 03:26	0°♈			6386 Mar 09 22:23	0°♈	
morning max el	6383 Jul 13 14:40	8°♈53'45	46°12'09	asc. node	6386 Mar 25 14:36	18°♈31'50	
	6383 Aug 03 02:36	0°♄			6386 Apr 04 12:46	0°♈	
	6383 Aug 30 03:59	0°♄			6386 May 02 01:26	0°♄	
	6383 Sep 25 02:18	0°♄		evening max el	6386 May 04 23:52	2°♄58'09	46°38'23
asc. node	6383 Oct 08 19:46	16°♄13'30			6386 Jun 06 21:50	0°♄	
	6383 Oct 20 08:20	0°♄		greatest brilliancy	6386 Jun 13 02:00	2°♄54'45	-4.8m
	6383 Nov 14 02:36	0°♄		retrograde	6386 Jun 24 01:47	5°♄08'02	
	6383 Dec 08 12:24	0°♄		evening set	6386 Jul 09 00:28	0°♄44'12	
	6384 Jan 01 16:35	0°♄			6386 Jul 10 07:45	30°♈	
morning set	6384 Jan 07 19:34	7°♄37'53		inferior conj	6386 Jul 15 07:13	26°♄57'53	-0°00'03
	6384 Jan 25 17:10	0°♄		minimum elong	6386 Jul 15 07:12	26°♄57'54	0°00'06
desc. node	6384 Jan 28 11:50	3°♄28'39		transit middle	6386 Jul 15 07:12	26°♄57'54	0°00'06
max. Earth dist.	6384 Feb 15 02:28	25°♄33'32	1.71332 AU	transit begin	6386 Jul 15 03:09	27°♄04'13	
				transit end	6386 Jul 15 11:16	26°♄51'34	
superior conj	6384 Feb 16 23:03	27°♄53'28	-0°45'00	min. Earth dist.	6386 Jul 14 20:50	27°♄14'05	0.28231 AU
minimum elong	6384 Feb 16 12:45	27°♄21'10	0°44'33	desc. node	6386 Jul 15 07:08	26°♄58'01	
	6384 Feb 18 15:20	0°♄		morning rise	6386 Jul 21 14:42	23°♄12'33	

direct	6386 Aug 05 13:01	18°☿55'03		6389 Feb 02 14:02	0°☿	
greatest brilliancy	6386 Aug 15 07:42	20°☿39'32 -4.7m		6389 Feb 26 14:24	0°☿	
	6386 Sep 01 07:37	0°♌		6389 Mar 22 16:30	0°♌	
morning max el	6386 Sep 23 05:46	18°♌39'15 45°41'53		6389 Apr 15 23:58	0°♌	
	6386 Oct 04 16:51	0°♍	asc. node	6389 Apr 22 02:27	7°♌27'35	
	6386 Nov 01 11:41	0°♎		6389 May 10 18:04	0°☿	
asc. node	6386 Nov 05 07:48	4°♎20'14		6389 Jun 05 07:21	0°♌	
	6386 Nov 27 10:59	0°♍		6389 Jul 02 11:28	0°♍	
	6386 Dec 22 11:48	0°♎	evening max el	6389 Jul 14 15:18	12°♍20'00 45°48'09	
	6387 Jan 15 23:43	0°☿		6389 Aug 03 16:22	0°♎	
	6387 Feb 09 04:09	0°♏	desc. node	6389 Aug 11 18:55	5°♎38'03	
desc. node	6387 Feb 24 23:37	19°♏44'52	greatest brilliancy	6389 Aug 22 02:27	10°♎49'25 -4.7m	
	6387 Mar 05 04:07	0°☿	retrograde	6389 Sep 01 17:48	12°♎52'53	
morning set	6387 Mar 24 11:00	24°☿12'28	evening set	6389 Sep 19 01:16	7°♎13'16	
	6387 Mar 29 01:39	0°☿	inferior conj	6389 Sep 23 07:35	4°♎35'49 -7°56'29	
	6387 Apr 21 22:38	0°♌	minimum elong	6389 Sep 23 00:27	4°♎47'02 7°55'41	
			min. Earth dist.	6389 Sep 23 03:36	4°♎42'05 0.29165 AU	
superior conj	6387 May 04 03:44	15°♌19'18 -1°22'48	morning rise	6389 Sep 26 23:35	2°♎19'26	
minimum elong	6387 May 04 10:51	15°♌41'36 1°22'43		6389 Oct 01 02:34	30°♌	
max. Earth dist.	6387 May 07 13:24	19°♌35'10 1.71554 AU	direct	6389 Oct 14 20:54	26°♌17'39	
	6387 May 15 21:02	0°♌	greatest brilliancy	6389 Oct 25 07:04	28°♌15'00 -4.7m	
	6387 Jun 08 22:28	0°☿		6389 Oct 29 11:38	0°♎	
evening rise	6387 Jun 13 01:38	5°☿07'59	asc. node	6389 Dec 02 19:38	26°♎37'11	
asc. node	6387 Jun 18 00:13	11°☿15'49	morning max el	6389 Dec 03 02:41	26°♎54'23 46°00'25	
	6387 Jul 03 03:54	0°♌		6389 Dec 06 05:45	0°♍	
	6387 Jul 27 14:01	0°♍		6390 Jan 03 04:12	0°♎	
	6387 Aug 21 06:04	0°♎		6390 Jan 28 22:54	0°☿	
	6387 Sep 15 06:33	0°♍		6390 Feb 22 19:26	0°♏	
desc. node	6387 Oct 07 16:19	26°♍20'55		6390 Mar 19 04:55	0°☿	
	6387 Oct 10 19:50	0°♎	desc. node	6390 Mar 24 11:40	6°☿32'21	
	6387 Nov 06 05:55	0°☿		6390 Apr 12 08:44	0°☿	
	6387 Dec 04 11:04	0°♏		6390 May 06 10:11	0°♌	
evening max el	6387 Dec 08 12:38	4°♏01'48 46°25'33		6390 May 30 11:43	0°♌	
	6388 Jan 09 07:44	0°☿	morning set	6390 Jun 07 12:12	9°♌58'52	
greatest brilliancy	6388 Jan 17 12:52	3°☿50'51 -4.9m		6390 Jun 23 14:58	0°☿	
retrograde	6388 Jan 27 08:11	5°☿38'49	asc. node	6390 Jul 15 11:59	27°☿05'22	
asc. node	6388 Jan 28 17:11	5°☿36'33				
evening set	6388 Feb 11 01:30	1°☿23'58	superior conj	6390 Jul 15 20:40	27°☿32'14 0°00'53	
	6388 Feb 13 12:55	30°♌	minimum elong	6390 Jul 15 20:29	27°☿31'40 0°00'50	
inferior conj	6388 Feb 16 23:13	27°♏55'34 4°45'44	behind sun begin	6390 Jul 14 20:59	26°☿19'00	
minimum elong	6388 Feb 16 13:35	28°♏10'21 4°43'05	behind sun end	6390 Jul 16 20:00	28°☿44'20	
min. Earth dist.	6388 Feb 16 19:05	28°♏01'55 0.26799 AU		6390 Jul 17 20:29	0°♌	
morning rise	6388 Feb 22 01:31	24°♏53'22	max. Earth dist.	6390 Jul 18 02:09	0°♌17'29 1.72920 AU	
direct	6388 Mar 08 12:52	20°♏11'02		6390 Aug 11 04:04	0°♍	
greatest brilliancy	6388 Mar 18 10:41	22°♏02'02 -4.9m	evening rise	6390 Aug 21 22:39	13°♍15'47	
	6388 Apr 01 21:39	0°☿		6390 Sep 04 13:32	0°♎	
morning max el	6388 Apr 27 22:43	22°☿56'34 46°55'13		6390 Sep 29 01:26	0°♍	
	6388 May 04 19:51	0°☿		6390 Oct 23 16:54	0°♎	
desc. node	6388 May 19 09:34	15°☿41'37	desc. node	6390 Nov 04 04:18	13°♎53'23	
	6388 Jun 01 03:15	0°♌		6390 Nov 17 13:05	0°☿	
	6388 Jun 26 23:48	0°♌		6390 Dec 12 15:25	0°♏	
	6388 Jul 22 06:38	0°☿		6391 Jan 07 03:50	0°☿	
	6388 Aug 16 06:41	0°♌		6391 Feb 02 15:20	0°☿	
asc. node	6388 Sep 09 09:47	29°♌11'39	evening max el	6391 Feb 19 07:57	17°☿40'09 47°05'07	
	6388 Sep 10 01:43	0°♍	asc. node	6391 Feb 25 04:53	23°☿29'25	
	6388 Oct 04 15:50	0°♎		6391 Mar 04 03:24	0°♌	
morning set	6388 Oct 26 05:34	26°♎30'48	greatest brilliancy	6391 Apr 01 01:49	19°♌03'18 -4.9m	
	6388 Oct 29 01:25	0°♍	retrograde	6391 Apr 11 01:48	20°♌57'44	
	6388 Nov 22 07:29	0°♎	evening set	6391 Apr 28 23:47	14°♌46'52	
max. Earth dist.	6388 Nov 29 12:11	8°♎55'42 1.72559 AU	inferior conj	6391 May 01 20:26	13°♌01'40 8°43'52	
			minimum elong	6391 May 02 02:31	12°♌52'16 8°43'18	
superior conj	6388 Dec 02 04:09	12°♎14'15 1°00'41	min. Earth dist.	6391 May 01 16:22	13°♌07'57 0.27339 AU	
minimum elong	6388 Dec 02 14:03	12°♎44'59 1°00'22	morning rise	6391 May 05 05:22	10°♌58'22	
	6388 Dec 16 11:12	0°☿	direct	6391 May 22 12:52	5°♌11'47	
desc. node	6388 Dec 30 02:00	16°☿57'05	greatest brilliancy	6391 Jun 01 01:37	6°♌54'07 -4.8m	
evening rise	6389 Jan 09 22:56	0°♏30'09	desc. node	6391 Jun 16 21:20	15°♌32'27	
	6389 Jan 09 13:16	0°♏		6391 Jul 04 06:51	0°♌	

morning max el	6391 Jul 11 05:48	6° Π 37'01	46°13'45	asc. node	6394 Mar 24 16:37	17° \mathcal{B} 54'22	
	6391 Aug 02 19:55	0° \mathcal{E}			6394 Apr 04 04:42	0° Π	
	6391 Aug 29 18:06	0° \mathcal{Q}			6394 May 01 23:04	0° \mathcal{E}	
	6391 Sep 24 14:53	0° \mathcal{M}		evening max el	6394 May 02 14:33	0° \mathcal{E} 38'53	46°40'00
asc. node	6391 Oct 07 21:50	15° \mathcal{M} 43'48			6394 Jun 09 03:14	0° \mathcal{Q}	
	6391 Oct 19 20:06	0° \mathcal{L}		greatest brilliancy	6394 Jun 10 19:14	0° \mathcal{Q} 40'53	-4.8m
	6391 Nov 13 13:54	0° \mathcal{M}		retrograde	6394 Jun 21 16:57	2° \mathcal{Q} 52'25	
	6391 Dec 07 23:28	0° \mathcal{X}			6394 Jul 03 16:36	30° \mathcal{R} \mathcal{E}	
	6392 Jan 01 03:36	0° \mathcal{Z}		evening set	6394 Jul 06 16:42	28° \mathcal{E} 28'02	
morning set	6392 Jan 05 09:30	5° \mathcal{Z} 17'24		inferior conj	6394 Jul 12 22:28	24° \mathcal{E} 43'07	0°21'15
	6392 Jan 25 04:13	0° \approx		minimum elong	6394 Jul 12 23:16	24° \mathcal{E} 41'53	0°20'59
desc. node	6392 Jan 27 13:44	3° \approx 00'03		min. Earth dist.	6394 Jul 12 12:55	24° \mathcal{E} 58'03	0.28188 AU
max. Earth dist.	6392 Feb 12 11:33	22° \approx 56'35	1.71360 AU	desc. node	6394 Jul 14 09:01	23° \mathcal{E} 49'17	
				morning rise	6394 Jul 19 06:30	20° \mathcal{E} 56'44	
superior conj	6392 Feb 14 10:07	25° \approx 22'44	-0°41'35	direct	6394 Aug 03 03:32	16° \mathcal{E} 40'58	
minimum elong	6392 Feb 14 00:26	24° \approx 52'20	0°41'08	greatest brilliancy	6394 Aug 12 22:35	18° \mathcal{E} 25'20	-4.7m
	6392 Feb 18 02:26	0° \mathcal{X}			6394 Sep 01 22:40	0° \mathcal{Q}	
	6392 Mar 12 23:16	0° \mathcal{Y}		morning max el	6394 Sep 20 19:50	16° \mathcal{Q} 23'52	45°42'10
evening rise	6392 Mar 26 01:48	16° \mathcal{Y} 28'34			6394 Oct 04 11:38	0° \mathcal{M}	
	6392 Apr 05 20:18	0° \mathcal{B}			6394 Nov 01 02:14	0° \mathcal{L}	
	6392 Apr 29 19:49	0° Π		asc. node	6394 Nov 04 09:49	3° \mathcal{L} 45'32	
asc. node	6392 May 19 14:22	24° Π 32'50			6394 Nov 26 23:49	0° \mathcal{M}	
	6392 May 24 00:20	0° \mathcal{E}			6394 Dec 21 23:48	0° \mathcal{X}	
	6392 Jun 17 12:20	0° \mathcal{Q}			6395 Jan 15 11:18	0° \mathcal{Z}	
	6392 Jul 12 11:09	0° \mathcal{M}			6395 Feb 08 15:28	0° \approx	
	6392 Aug 07 03:15	0° \mathcal{L}		desc. node	6395 Feb 24 01:41	19° \approx 16'14	
	6392 Sep 03 03:55	0° \mathcal{M}			6395 Mar 04 15:18	0° \mathcal{X}	
desc. node	6392 Sep 08 06:37	5° \mathcal{M} 23'39		morning set	6395 Mar 21 21:18	21° \mathcal{X} 39'07	
evening max el	6392 Sep 23 19:00	20° \mathcal{M} 57'29	45°39'55		6395 Mar 28 12:45	0° \mathcal{Y}	
	6392 Oct 03 16:26	0° \mathcal{X}			6395 Apr 21 09:42	0° \mathcal{B}	
greatest brilliancy	6392 Nov 02 01:17	19° \mathcal{X} 00'39	-4.8m				
retrograde	6392 Nov 11 11:03	20° \mathcal{X} 36'23		superior conj	6395 May 01 15:34	12° \mathcal{B} 51'21	-1°23'57
evening set	6392 Nov 27 22:47	15° \mathcal{X} 25'54		minimum elong	6395 May 01 21:52	13° \mathcal{B} 11'05	1°23'55
inferior conj	6392 Dec 02 13:23	12° \mathcal{X} 38'28	-6°12'23	max. Earth dist.	6395 May 04 20:25	16° \mathcal{B} 52'13	1.71516 AU
minimum elong	6392 Dec 02 23:36	12° \mathcal{X} 22'36	6°10'09		6395 May 15 08:05	0° Π	
min. Earth dist.	6392 Dec 03 11:26	12° \mathcal{X} 04'14	0.28118 AU		6395 Jun 08 09:30	0° \mathcal{E}	
morning rise	6392 Dec 07 23:55	9° \mathcal{X} 21'49		evening rise	6395 Jun 10 15:02	2° \mathcal{E} 46'16	
direct	6392 Dec 23 19:41	4° \mathcal{X} 30'23		asc. node	6395 Jun 17 02:07	10° \mathcal{E} 47'24	
asc. node	6392 Dec 30 07:18	5° \mathcal{X} 19'07			6395 Jul 02 14:59	0° \mathcal{Q}	
greatest brilliancy	6393 Jan 03 22:53	6° \mathcal{X} 48'57	-4.8m		6395 Jul 27 01:17	0° \mathcal{M}	
	6393 Feb 04 19:40	0° \mathcal{Z}			6395 Aug 20 17:42	0° \mathcal{L}	
morning max el	6393 Feb 12 06:03	7° \mathcal{Z} 17'51	46°45'18		6395 Sep 14 18:53	0° \mathcal{M}	
	6393 Mar 05 11:52	0° \approx		desc. node	6395 Oct 06 18:25	25° \mathcal{M} 48'16	
	6393 Mar 31 12:52	0° \mathcal{X}			6395 Oct 10 09:24	0° \mathcal{X}	
desc. node	6393 Apr 20 23:42	24° \mathcal{X} 25'35			6395 Nov 05 21:56	0° \mathcal{Z}	
	6393 Apr 25 14:28	0° \mathcal{Y}			6395 Dec 04 09:23	0° \approx	
	6393 May 20 05:42	0° \mathcal{B}		evening max el	6395 Dec 06 01:27	1° \approx 38'26	46°23'43
	6393 Jun 13 16:50	0° Π			6396 Jan 11 13:40	0° \mathcal{X}	
	6393 Jul 08 03:05	0° \mathcal{E}		greatest brilliancy	6396 Jan 15 02:18	1° \mathcal{X} 25'34	-4.9m
	6393 Aug 01 13:27	0° \mathcal{Q}		retrograde	6396 Jan 24 20:39	3° \mathcal{X} 13'04	
asc. node	6393 Aug 11 23:50	12° \mathcal{Q} 48'52		asc. node	6396 Jan 27 19:09	3° \mathcal{X} 02'35	
morning set	6393 Aug 16 14:32	18° \mathcal{Q} 28'53			6396 Feb 06 13:45	30° \mathcal{R} \approx	
	6393 Aug 25 23:30	0° \mathcal{M}		evening set	6396 Feb 08 12:09	29° \approx 00'42	
	6393 Sep 19 08:33	0° \mathcal{L}		inferior conj	6396 Feb 14 12:03	25° \approx 29'51	4°24'43
max. Earth dist.	6393 Sep 21 15:17	2° \mathcal{L} 48'31	1.73378 AU	minimum elong	6396 Feb 14 02:54	25° \approx 43'51	4°22'07
				min. Earth dist.	6396 Feb 14 09:08	25° \approx 34'20	0.26805 AU
superior conj	6393 Sep 22 09:07	3° \mathcal{L} 43'26	1°18'36	morning rise	6396 Feb 19 17:24	22° \approx 23'30	
minimum elong	6393 Sep 22 02:24	3° \mathcal{L} 22'45	1°18'30	direct	6396 Mar 06 01:23	17° \approx 44'42	
	6393 Oct 13 16:39	0° \mathcal{M}		greatest brilliancy	6396 Mar 16 01:33	19° \approx 37'49	-4.9m
evening rise	6393 Oct 28 17:25	18° \mathcal{M} 32'14			6396 Apr 02 17:44	0° \mathcal{X}	
	6393 Nov 07 00:29	0° \mathcal{X}		morning max el	6396 Apr 25 12:09	20° \mathcal{X} 32'09	46°56'01
	6393 Dec 01 08:43	0° \mathcal{Z}			6396 May 04 16:08	0° \mathcal{Y}	
desc. node	6393 Dec 01 16:06	0° \mathcal{Z} 22'44		desc. node	6396 May 18 11:36	14° \mathcal{Y} 59'32	
	6393 Dec 25 17:29	0° \approx			6396 May 31 18:47	0° \mathcal{B}	
	6394 Jan 19 03:06	0° \mathcal{X}			6396 Jun 26 13:19	0° Π	
	6394 Feb 12 15:31	0° \mathcal{Y}			6396 Jul 21 19:02	0° \mathcal{E}	
	6394 Mar 09 12:09	0° \mathcal{B}			6396 Aug 15 18:22	0° \mathcal{Q}	

asc. node	6396 Sep 08 11:53	28°♎43'54		evening max el	6399 Feb 16 23:02	15°♏19'45	47°04'43
	6396 Sep 09 12:56	0°♏		asc. node	6399 Feb 24 07:00	22°♏32'56	
	6396 Oct 04 02:47	0°♎			6399 Mar 04 10:01	0°♏	
morning set	6396 Oct 23 22:38	24°♎22'04		greatest brilliancy	6399 Mar 29 15:10	16°♏38'35	-4.9m
	6396 Oct 28 12:14	0°♏		retrograde	6399 Apr 08 15:58	18°♏33'16	
	6396 Nov 21 18:17	0°♏		evening set	6399 Apr 26 15:20	12°♏19'27	
max. Earth dist.	6396 Nov 27 06:54	6°♏51'15	1.72602 AU	inferior conj	6399 Apr 29 09:41	10°♏37'38	8°50'23
				minimum elong	6399 Apr 29 14:57	10°♏29'29	8°49'57
superior conj	6396 Nov 29 19:48	10°♏00'14	1°03'03	min. Earth dist.	6399 Apr 29 04:47	10°♏45'12	0.27312 AU
minimum elong	6396 Nov 30 05:38	10°♏30'46	1°02'46	morning rise	6399 May 02 14:43	8°♏40'11	
	6396 Dec 15 22:05	0°♏		direct	6399 May 20 02:24	2°♏48'25	
desc. node	6396 Dec 29 03:53	16°♏28'51		greatest brilliancy	6399 May 29 13:18	4°♏29'31	-4.8m
evening rise	6397 Jan 07 12:29	28°♏08'28		desc. node	6399 Jun 15 23:10	14°♏16'43	
	6397 Jan 09 00:16	0°♏			6399 Jul 04 08:27	0°♏	
	6397 Feb 02 01:13	0°♏		morning max el	6399 Jul 08 20:20	4°♏19'30	46°15'23
	6397 Feb 26 01:47	0°♏			6399 Aug 02 12:36	0°♏	
	6397 Mar 22 04:08	0°♏			6399 Aug 29 07:48	0°♏	
	6397 Apr 15 12:02	0°♏			6399 Sep 24 03:11	0°♏	
asc. node	6397 Apr 21 04:31	6°♏56'38		asc. node	6399 Oct 06 23:49	15°♏14'30	
	6397 May 10 06:56	0°♏			6399 Oct 19 07:37	0°♏	
	6397 Jun 04 21:51	0°♏			6399 Nov 13 00:59	0°♏	
	6397 Jul 02 05:59	0°♏			6399 Dec 07 10:20	0°♏	
evening max el	6397 Jul 12 07:14	10°♏08'29	45°49'25		6399 Dec 31 14:23	0°♏	
	6397 Aug 04 06:48	0°♏		morning set	6400 Jan 02 23:26	2°♏57'40	
desc. node	6397 Aug 10 20:58	4°♏19'48			6400 Jan 24 14:59	0°♏	
greatest brilliancy	6397 Aug 19 16:52	8°♏38'09	-4.7m	desc. node	6400 Jan 26 15:46	2°♏32'40	
retrograde	6397 Aug 30 10:41	10°♏43'48		max. Earth dist.	6400 Feb 09 18:52	20°♏15'09	1.71389 AU
evening set	6397 Sep 16 14:29	5°♏08'18					
inferior conj	6397 Sep 20 23:55	2°♏26'21	-7°48'33	superior conj	6400 Feb 11 21:18	22°♏53'19	-0°38'05
minimum elong	6397 Sep 20 16:15	2°♏38'22	7°47'37	minimum elong	6400 Feb 11 12:17	22°♏25'02	0°37'39
min. Earth dist.	6397 Sep 20 18:38	2°♏34'37	0.29159 AU		6400 Feb 17 13:15	0°♏	
morning rise	6397 Sep 24 18:03	0°♏07'01			6400 Mar 12 10:08	0°♏	
	6397 Sep 24 22:44	30°♏08'25		evening rise	6400 Mar 23 12:18	13°♏56'29	
direct	6397 Oct 12 13:17	24°♏08'25			6400 Apr 05 07:14	0°♏	
greatest brilliancy	6397 Oct 22 22:20	26°♏05'04	-4.7m		6400 Apr 29 06:52	0°♏	
	6397 Oct 31 06:27	0°♏		asc. node	6400 May 18 16:16	24°♏04'07	
morning max el	6397 Nov 30 19:05	24°♏43'52	45°59'04		6400 May 23 11:34	0°♏	
asc. node	6397 Dec 01 21:34	25°♏48'45			6400 Jun 16 23:55	0°♏	
	6397 Dec 06 02:08	0°♏			6400 Jul 11 23:24	0°♏	
	6398 Jan 02 19:19	0°♏			6400 Aug 06 16:54	0°♏	
	6398 Jan 28 12:06	0°♏			6400 Sep 02 20:51	0°♏	
	6398 Feb 22 07:42	0°♏		desc. node	6400 Sep 07 08:40	4°♏42'22	
	6398 Mar 18 16:40	0°♏		evening max el	6400 Sep 21 09:41	18°♏44'12	45°39'02
desc. node	6398 Mar 23 13:41	6°♏02'31			6400 Oct 03 21:24	0°♏	
	6398 Apr 11 20:07	0°♏		greatest brilliancy	6400 Oct 30 15:48	16°♏46'39	-4.8m
	6398 May 05 21:18	0°♏		retrograde	6400 Nov 09 00:40	18°♏21'47	
	6398 May 29 22:37	0°♏		evening set	6400 Nov 25 16:26	13°♏06'53	
morning set	6398 Jun 05 02:32	7°♏40'23		inferior conj	6400 Nov 30 04:15	10°♏23'15	-6°26'48
	6398 Jun 23 01:43	0°♏		minimum elong	6400 Nov 30 14:24	10°♏07'27	6°24'41
				min. Earth dist.	6400 Dec 01 02:25	9°♏48'46	0.28181 AU
superior conj	6398 Jul 13 12:36	25°♏20'03	-0°02'35	morning rise	6400 Dec 05 11:52	7°♏10'13	
minimum elong	6398 Jul 13 13:11	25°♏21'52	0°02'36	direct	6400 Dec 21 10:55	2°♏14'25	
behind sun begin	6398 Jul 12 13:46	24°♏09'25		asc. node	6400 Dec 29 09:17	3°♏26'11	
behind sun end	6398 Jul 14 12:36	26°♏34'17		greatest brilliancy	6401 Jan 01 14:28	4°♏32'42	-4.8m
asc. node	6398 Jul 14 13:57	26°♏38'28			6401 Feb 04 20:14	0°♏	
max. Earth dist.	6398 Jul 15 21:12	28°♏15'00	1.72886 AU	morning max el	6401 Feb 09 19:44	4°♏56'03	46°43'56
	6398 Jul 17 07:10	0°♏			6401 Mar 05 04:27	0°♏	
	6398 Aug 10 14:46	0°♏			6401 Mar 31 02:47	0°♏	
evening rise	6398 Aug 19 16:34	11°♏10'19		desc. node	6401 Apr 20 01:40	23°♏52'52	
	6398 Sep 04 00:20	0°♏			6401 Apr 25 03:05	0°♏	
	6398 Sep 28 12:27	0°♏			6401 May 19 17:34	0°♏	
	6398 Oct 23 04:17	0°♏			6401 Jun 13 04:12	0°♏	
desc. node	6398 Nov 03 06:14	13°♏24'03			6401 Jul 07 14:05	0°♏	
	6398 Nov 17 01:06	0°♏			6401 Aug 01 00:10	0°♏	
	6398 Dec 12 04:27	0°♏		asc. node	6401 Aug 11 01:57	12°♏22'45	
	6399 Jan 06 18:34	0°♏		morning set	6401 Aug 14 07:40	16°♏21'31	
	6399 Feb 02 09:37	0°♏			6401 Aug 25 10:01	0°♏	

	6401 Sep 18 19:00	0°♎		inferior conj	6404 Feb 12 00:38	23°♎04'09	4°02'59
max. Earth dist.	6401 Sep 19 09:50	0°♎45'42	1.73384 AU	minimum elong	6404 Feb 11 16:04	23°♎17'14	4°00'29
superior conj	6401 Sep 20 03:12	1°♎39'08	1°17'18	min. Earth dist.	6404 Feb 11 22:43	23°♎07'05	0.26818 AU
minimum elong	6401 Sep 19 20:02	1°♎17'05	1°17'09	morning rise	6404 Feb 17 09:01	19°♎53'53	
	6401 Oct 13 03:09	0°♍		direct	6404 Mar 03 14:21	15°♎18'19	
evening rise	6401 Oct 26 10:33	16°♍24'25		greatest brilliancy	6404 Mar 13 15:59	17°♎13'16	-4.9m
	6401 Nov 06 11:10	0°♊			6404 Apr 03 08:36	0°♋	
desc. node	6401 Nov 30 18:02	29°♊54'59		morning max el	6404 Apr 23 02:20	18°♋10'02	46°56'47
	6401 Nov 30 19:39	0°♊			6404 May 04 11:39	0°♌	
	6401 Dec 25 04:46	0°♋		desc. node	6404 May 17 13:32	14°♌18'12	
	6402 Jan 18 14:51	0°♋			6404 May 31 09:53	0°♍	
	6402 Feb 12 03:56	0°♌			6404 Jun 26 02:27	0°♎	
	6402 Mar 09 01:42	0°♌			6404 Jul 21 07:04	0°♏	
asc. node	6402 Mar 23 18:38	17°♌17'43		asc. node	6404 Aug 15 05:43	0°♏	
	6402 Apr 03 20:30	0°♎			6404 Sep 07 13:50	28°♏16'31	
evening max el	6402 Apr 30 04:16	28°♎18'15	46°41'40		6404 Sep 08 23:52	0°♐	
	6402 May 01 21:05	0°♏			6404 Oct 03 13:29	0°♑	
greatest brilliancy	6402 Jun 08 12:15	28°♏27'37	-4.8m	morning set	6404 Oct 21 15:54	22°♑14'47	
	6402 Jun 13 14:36	0°♐			6404 Oct 27 22:48	0°♒	
retrograde	6402 Jun 19 07:55	0°♐37'48		max. Earth dist.	6404 Nov 21 04:50	0°♓	
	6402 Jun 24 21:59	30°♑			6404 Nov 25 01:58	4°♓48'45	1.72640 AU
evening set	6402 Jul 04 08:59	26°♑12'16		superior conj	6404 Nov 27 11:44	7°♓47'57	1°05'19
min. Earth dist.	6402 Jul 10 05:07	22°♑42'32	0.28148 AU	minimum elong	6404 Nov 27 21:28	8°♓18'07	1°05'03
inferior conj	6402 Jul 10 13:39	22°♑29'13	0°42'44		6404 Dec 15 08:41	0°♔	
minimum elong	6402 Jul 10 15:15	22°♑26'42	0°42'12	desc. node	6404 Dec 28 05:58	16°♔02'01	
desc. node	6402 Jul 13 11:07	20°♑41'46		evening rise	6405 Jan 05 02:15	25°♔48'22	
morning rise	6402 Jul 16 22:05	18°♑42'03			6405 Jan 08 11:02	0°♕	
direct	6402 Jul 31 17:40	14°♑27'28			6405 Feb 01 12:11	0°♋	
greatest brilliancy	6402 Aug 10 13:57	16°♑12'34	-4.7m		6405 Feb 25 13:00	0°♌	
	6402 Sep 02 09:23	0°♐			6405 Mar 21 15:40	0°♌	
morning max el	6402 Sep 18 10:05	14°♐09'59	45°42'38		6405 Apr 15 00:02	0°♎	
	6402 Oct 04 05:30	0°♐		asc. node	6405 Apr 20 06:23	6°♎25'21	
	6402 Oct 31 16:12	0°♑			6405 May 09 19:45	0°♏	
asc. node	6402 Nov 03 11:45	3°♑12'03			6405 Jun 04 12:22	0°♐	
	6402 Nov 26 12:12	0°♒			6405 Jul 02 00:51	0°♑	
	6402 Dec 21 11:26	0°♓		evening max el	6405 Jul 09 23:38	7°♑58'37	45°50'50
	6403 Jan 14 22:32	0°♔			6405 Aug 05 01:58	0°♑	
	6403 Feb 08 02:30	0°♕		desc. node	6405 Aug 09 23:00	2°♑59'36	
desc. node	6403 Feb 23 03:46	18°♕48'28		greatest brilliancy	6405 Aug 17 07:27	6°♑27'35	-4.7m
	6403 Mar 04 02:12	0°♋		retrograde	6405 Aug 28 03:28	8°♑34'56	
morning set	6403 Mar 19 07:13	19°♋05'24		evening set	6405 Sep 14 03:40	3°♑03'50	
	6403 Mar 27 23:34	0°♌		inferior conj	6405 Sep 18 16:11	0°♑17'12	-7°40'00
	6403 Apr 20 20:27	0°♌		minimum elong	6405 Sep 18 08:04	0°♑29'55	7°38'55
				min. Earth dist.	6405 Sep 18 09:32	0°♑27'37	0.29149 AU
superior conj	6403 Apr 29 03:05	10°♌23'24	-1°24'58		6405 Sep 19 03:09	30°♒	
minimum elong	6403 Apr 29 08:29	10°♌40'20	1°24'56	morning rise	6405 Sep 22 12:33	27°♒54'39	
max. Earth dist.	6403 May 02 02:00	14°♌05'44	1.71476 AU	direct	6405 Oct 10 05:59	21°♒59'38	
	6403 May 14 18:47	0°♎		greatest brilliancy	6405 Oct 20 13:03	23°♒54'54	-4.7m
	6403 Jun 07 20:12	0°♏			6405 Nov 01 11:27	0°♑	
evening rise	6403 Jun 08 04:16	0°♏25'04		morning max el	6405 Nov 28 11:22	22°♑33'40	45°57'47
asc. node	6403 Jun 16 04:08	10°♏20'24		asc. node	6405 Nov 30 23:32	25°♑01'43	
	6403 Jul 02 01:45	0°♐			6405 Dec 05 21:42	0°♒	
	6403 Jul 26 12:15	0°♑			6406 Jan 02 10:04	0°♓	
	6403 Aug 20 05:02	0°♑			6406 Jan 28 01:02	0°♔	
	6403 Sep 14 06:55	0°♒			6406 Feb 21 19:45	0°♕	
desc. node	6403 Oct 05 20:22	25°♒16'08			6406 Mar 18 04:14	0°♋	
	6403 Oct 09 22:42	0°♓		desc. node	6406 Mar 22 15:38	5°♋32'52	
	6403 Nov 05 13:50	0°♔			6406 Apr 11 07:24	0°♌	
evening max el	6403 Dec 03 14:37	29°♔17'11	46°21'49		6406 May 05 08:21	0°♍	
	6403 Dec 04 08:13	0°♕			6406 May 29 09:29	0°♎	
greatest brilliancy	6404 Jan 12 14:51	28°♕59'56	-4.9m	morning set	6406 Jun 02 16:25	5°♎20'29	
	6404 Jan 15 23:34	0°♋			6406 Jun 22 12:27	0°♏	
retrograde	6404 Jan 22 09:21	0°♋47'36					
asc. node	6404 Jan 26 21:15	0°♋22'52		superior conj	6406 Jul 11 04:01	23°♏06'21	-0°06'03
	6404 Jan 28 14:58	30°♑		minimum elong	6406 Jul 11 05:24	23°♏10'36	0°06'01
evening set	6404 Feb 05 22:51	26°♑37'12		behind sun begin	6406 Jul 10 07:12	22°♏01'56	

behind sun end	6406 Jul 12 03:36	24°☿19'16			6408 Dec 20 06:51	0°♊
max. Earth dist.	6406 Jul 13 17:23	26°☿16'08	1.72846 AU	asc. node	6408 Dec 28 11:25	1°♊37'23
asc. node	6406 Jul 13 16:01	26°☿11'55		greatest brilliancy	6408 Dec 30 06:39	2°♊17'03 -4.8m
	6406 Jul 16 17:48	0°♊			6409 Feb 04 19:54	0°♊
	6406 Aug 10 01:23	0°♊		morning max el	6409 Feb 07 09:37	2°♊34'12 46°42'39
evening rise	6406 Aug 17 10:09	9°♊04'05			6409 Mar 04 20:56	0°♊
	6406 Sep 03 11:04	0°♊			6409 Mar 30 16:45	0°♊
	6406 Sep 27 23:25	0°♊		desc. node	6409 Apr 19 03:37	23°♊19'45
	6406 Oct 22 15:41	0°♊			6409 Apr 24 15:47	0°♊
desc. node	6406 Nov 02 08:11	12°♊54'45			6409 May 19 05:31	0°♊
	6406 Nov 16 13:10	0°♊			6409 Jun 12 15:40	0°♊
	6406 Dec 11 17:32	0°♊			6409 Jul 07 01:14	0°♊
	6407 Jan 06 09:24	0°♊			6409 Jul 31 11:05	0°♊
	6407 Feb 02 04:14	0°♊		asc. node	6409 Aug 10 03:52	11°♊55'21
evening max el	6407 Feb 14 13:45	12°♊58'44	47°04'10	morning set	6409 Aug 12 00:44	14°♊13'13
asc. node	6407 Feb 23 08:55	21°♊35'08			6409 Aug 24 20:46	0°♊
	6407 Mar 04 19:00	0°♊		max. Earth dist.	6409 Sep 17 03:57	28°♊40'44 1.73391 AU
greatest brilliancy	6407 Mar 27 04:48	14°♊14'26	-4.9m			
retrograde	6407 Apr 06 05:35	16°♊08'42		superior conj	6409 Sep 17 21:12	29°♊33'52 1°15'52
evening set	6407 Apr 24 06:34	9°♊52'38		minimum elong	6409 Sep 17 13:37	29°♊10'31 1°15'41
inferior conj	6407 Apr 26 22:56	8°♊13'39	8°55'59		6409 Sep 18 05:42	0°♊
minimum elong	6407 Apr 27 03:23	8°♊06'47	8°55'39		6409 Oct 12 13:54	0°♊
min. Earth dist.	6407 Apr 26 17:26	8°♊22'11	0.27287 AU	evening rise	6409 Oct 24 03:42	14°♊16'03
morning rise	6407 Apr 30 00:19	6°♊21'31			6409 Nov 05 22:05	0°♊
direct	6407 May 17 15:50	0°♊25'04		desc. node	6409 Nov 29 20:05	29°♊26'55
greatest brilliancy	6407 May 27 01:26	2°♊05'05	-4.8m		6409 Nov 30 06:51	0°♊
desc. node	6407 Jun 15 01:19	13°♊03'36			6409 Dec 24 16:20	0°♊
	6407 Jul 04 08:55	0°♊			6410 Jan 18 02:54	0°♊
morning max el	6407 Jul 06 10:03	1°♊59'26	46°16'55		6410 Feb 11 16:43	0°♊
	6407 Aug 02 05:06	0°♊			6410 Mar 08 15:39	0°♊
	6407 Aug 28 21:29	0°♊		asc. node	6410 Mar 22 20:35	16°♊39'51
	6407 Sep 23 15:28	0°♊			6410 Apr 03 12:48	0°♊
asc. node	6407 Oct 06 01:45	14°♊45'00		evening max el	6410 Apr 27 18:02	25°♊57'09 46°43'29
	6407 Oct 18 19:08	0°♊			6410 May 01 20:13	0°♊
	6407 Nov 12 12:06	0°♊		greatest brilliancy	6410 Jun 06 04:47	26°♊13'32 -4.8m
	6407 Dec 06 21:16	0°♊		retrograde	6410 Jun 16 23:22	28°♊23'22
	6407 Dec 31 01:15	0°♊		evening set	6410 Jul 02 01:36	23°♊56'04
morning set	6407 Dec 31 13:31	0°♊38'14		inferior conj	6410 Jul 08 05:01	20°♊15'11 1°04'05
	6408 Jan 24 01:51	0°♊		minimum elong	6410 Jul 08 07:25	20°♊11'27 1°03'17
desc. node	6408 Jan 25 17:50	2°♊05'06		min. Earth dist.	6410 Jul 07 21:17	20°♊27'16 0.28111 AU
max. Earth dist.	6408 Feb 07 00:14	17°♊27'25	1.71417 AU	desc. node	6410 Jul 12 13:07	17°♊36'17
				morning rise	6410 Jul 14 13:43	16°♊27'45
superior conj	6408 Feb 09 08:52	20°♊25'00	-0°34'33	direct	6410 Jul 29 08:02	12°♊13'42
minimum elong	6408 Feb 09 00:34	19°♊58'58	0°34'08	greatest brilliancy	6410 Aug 08 05:35	13°♊59'49 -4.7m
	6408 Feb 17 00:07	0°♊			6410 Sep 02 17:26	0°♊
	6408 Mar 11 21:02	0°♊		morning max el	6410 Sep 16 01:21	11°♊57'45 45°43'03
evening rise	6408 Mar 20 23:08	11°♊25'22			6410 Oct 03 23:15	0°♊
	6408 Apr 04 18:12	0°♊			6410 Oct 31 06:20	0°♊
	6408 Apr 28 17:58	0°♊		asc. node	6410 Nov 02 13:47	2°♊38'05
asc. node	6408 May 17 18:17	23°♊35'33			6410 Nov 26 00:50	0°♊
	6408 May 22 22:55	0°♊			6410 Dec 20 23:19	0°♊
	6408 Jun 16 11:39	0°♊			6411 Jan 14 10:03	0°♊
	6408 Jul 11 11:53	0°♊			6411 Feb 07 13:48	0°♊
	6408 Aug 06 06:52	0°♊		desc. node	6411 Feb 22 05:36	18°♊19'06
	6408 Sep 02 14:22	0°♊			6411 Mar 03 13:23	0°♊
desc. node	6408 Sep 06 10:37	3°♊59'48		morning set	6411 Mar 16 17:10	16°♊30'49
evening max el	6408 Sep 18 23:29	16°♊28'21	45°38'22		6411 Mar 27 10:41	0°♊
	6408 Oct 04 04:45	0°♊			6411 Apr 20 07:31	0°♊
greatest brilliancy	6408 Oct 28 06:25	14°♊32'39	-4.7m			
retrograde	6408 Nov 06 14:31	16°♊07'30		superior conj	6411 Apr 26 14:36	7°♊54'18 -1°25'48
evening set	6408 Nov 23 10:11	10°♊47'50		minimum elong	6411 Apr 26 19:03	8°♊08'16 1°25'47
inferior conj	6408 Nov 27 19:16	8°♊08'09	-6°40'31	max. Earth dist.	6411 Apr 29 07:36	11°♊18'13 1.71438 AU
minimum elong	6408 Nov 28 05:18	7°♊52'30	6°38'31		6411 May 14 05:48	0°♊
min. Earth dist.	6408 Nov 28 17:38	7°♊33'19	0.28246 AU	evening rise	6411 Jun 05 17:37	28°♊03'16
morning rise	6408 Dec 02 23:54	4°♊59'01			6411 Jun 07 07:11	0°♊
	6408 Dec 17 21:11	30°♊		asc. node	6411 Jun 15 06:12	9°♊52'43
direct	6408 Dec 19 01:57	29°♊58'17			6411 Jul 01 12:47	0°♊

	6411 Jul 25 23:29	0°♎			6414 Feb 21 08:06	0°♏	
	6411 Aug 19 16:42	0°♏			6414 Mar 17 16:06	0°♏	
	6411 Sep 13 19:19	0°♎		desc. node	6414 Mar 21 17:41	5°♏02'39	
desc. node	6411 Oct 04 22:20	24°♎42'50			6414 Apr 10 18:56	0°♎	
	6411 Oct 09 12:29	0°♏			6414 May 04 19:38	0°♏	
	6411 Nov 05 06:24	0°♏			6414 May 28 20:36	0°♏	
evening max el	6411 Dec 01 04:50	26°♏57'45	46°19'59	morning set	6414 May 31 06:05	2°♏59'03	
	6411 Dec 04 08:32	0°♏			6414 Jun 21 23:26	0°♏	
greatest brilliancy	6412 Jan 10 03:06	26°♏33'25	-4.9m				
retrograde	6412 Jan 19 22:27	28°♏21'30		superior conj	6414 Jul 08 19:22	20°♏51'30	-0°09'31
asc. node	6412 Jan 25 23:09	27°♏36'53		minimum elong	6414 Jul 08 21:33	20°♏58'14	0°09'27
evening set	6412 Feb 03 09:58	24°♏12'57		behind sun begin	6414 Jul 08 02:07	19°♏58'07	
inferior conj	6412 Feb 09 13:19	20°♏37'44	3°40'48	behind sun end	6414 Jul 09 16:58	21°♏58'21	
minimum elong	6412 Feb 09 05:23	20°♏49'51	3°38'27	max. Earth dist.	6414 Jul 11 13:24	24°♏15'46	1.72803 AU
min. Earth dist.	6412 Feb 09 12:04	20°♏39'38	0.26833 AU	asc. node	6414 Jul 12 17:58	25°♏44'07	
morning rise	6412 Feb 15 00:34	17°♏23'50			6414 Jul 16 04:43	0°♏	
direct	6412 Mar 01 03:56	12°♏51'31			6414 Aug 09 12:17	0°♎	
greatest brilliancy	6412 Mar 11 05:55	14°♏47'23	-4.9m	evening rise	6414 Aug 15 03:47	6°♎57'04	
	6412 Apr 03 20:06	0°♏			6414 Sep 02 22:02	0°♏	
morning max el	6412 Apr 20 16:56	15°♏48'02	46°57'21		6414 Sep 27 10:36	0°♎	
	6412 May 04 06:58	0°♎			6414 Oct 22 03:17	0°♏	
desc. node	6412 May 16 15:36	13°♎36'42		desc. node	6414 Nov 01 10:19	12°♏25'29	
	6412 May 31 01:07	0°♏			6414 Nov 16 01:27	0°♏	
	6412 Jun 25 15:49	0°♏			6414 Dec 11 06:55	0°♏	
	6412 Jul 20 19:21	0°♏			6415 Jan 06 00:42	0°♏	
	6412 Aug 14 17:20	0°♏			6415 Feb 01 23:42	0°♎	
asc. node	6412 Sep 06 15:46	27°♏48'20		evening max el	6415 Feb 12 03:37	10°♎34'30	47°03'28
	6412 Sep 08 11:03	0°♎		asc. node	6415 Feb 22 10:54	20°♎35'15	
	6412 Oct 03 00:26	0°♏			6415 Mar 05 07:38	0°♏	
morning set	6412 Oct 19 09:24	20°♏07'24		greatest brilliancy	6415 Mar 24 19:01	11°♏49'50	-4.9m
	6412 Oct 27 09:40	0°♎		retrograde	6415 Apr 03 18:41	13°♏43'03	
	6412 Nov 20 15:42	0°♏		evening set	6415 Apr 21 21:18	7°♏25'38	
max. Earth dist.	6412 Nov 22 19:36	2°♏40'51	1.72681 AU	inferior conj	6415 Apr 24 12:11	5°♏48'48	9°00'28
				minimum elong	6415 Apr 24 15:43	5°♏43'19	9°00'16
superior conj	6412 Nov 25 03:52	5°♏35'17	1°07'29	min. Earth dist.	6415 Apr 24 06:22	5°♏57'49	0.27260 AU
minimum elong	6412 Nov 25 13:23	6°♏04'49	1°07'13	morning rise	6415 Apr 27 10:16	4°♏01'25	
	6412 Dec 14 19:39	0°♏			6415 May 05 06:44	30°♎♎	
desc. node	6412 Dec 27 08:00	15°♏33'57		direct	6415 May 15 04:44	28°♎00'47	
evening rise	6413 Jan 02 16:01	23°♏27'11		greatest brilliancy	6415 May 24 14:05	29°♎40'19	-4.9m
	6413 Jan 07 22:08	0°♏			6415 May 25 12:18	0°♏	
	6413 Jan 31 23:29	0°♏		desc. node	6415 Jun 14 03:20	11°♏51'46	
	6413 Feb 25 00:32	0°♎		morning max el	6415 Jul 03 22:43	29°♏36'00	46°18'29
	6413 Mar 21 03:32	0°♏			6415 Jul 04 08:30	0°♏	
	6413 Apr 14 12:24	0°♏			6415 Aug 01 21:29	0°♏	
asc. node	6413 Apr 19 08:27	5°♏53'32			6415 Aug 28 11:13	0°♏	
	6413 May 09 09:02	0°♏			6415 Sep 23 03:51	0°♎	
	6413 Jun 04 03:27	0°♏		asc. node	6415 Oct 05 03:49	14°♎15'30	
	6413 Jul 01 20:37	0°♎			6415 Oct 18 06:45	0°♏	
evening max el	6413 Jul 07 16:24	5°♎48'37	45°52'19		6415 Nov 11 23:17	0°♎	
	6413 Aug 06 04:42	0°♏			6415 Dec 06 08:15	0°♏	
desc. node	6413 Aug 09 00:56	1°♏36'06		morning set	6415 Dec 29 03:59	28°♏19'45	
greatest brilliancy	6413 Aug 14 22:50	4°♏17'28	-4.7m		6415 Dec 30 12:10	0°♏	
retrograde	6413 Aug 25 20:08	6°♏25'42			6416 Jan 23 12:49	0°♏	
evening set	6413 Sep 11 17:04	0°♏59'19		desc. node	6416 Jan 24 19:45	1°♏36'49	
	6413 Sep 13 08:37	30°♎♎		max. Earth dist.	6416 Feb 04 07:21	14°♏44'54	1.71455 AU
inferior conj	6413 Sep 16 08:37	28°♎07'57	-7°30'47				
minimum elong	6413 Sep 16 00:07	28°♎21'17	7°29'35	superior conj	6416 Feb 06 20:32	17°♏56'39	-0°30'56
min. Earth dist.	6413 Sep 16 00:45	28°♎20'17	0.29133 AU	minimum elong	6416 Feb 06 13:00	17°♏33'02	0°30'34
morning rise	6413 Sep 20 07:18	25°♎41'54			6416 Feb 16 11:08	0°♏	
direct	6413 Oct 07 22:57	19°♎50'58			6416 Mar 11 08:06	0°♎	
greatest brilliancy	6413 Oct 18 03:42	21°♎44'22	-4.7m	evening rise	6416 Mar 18 09:44	8°♎52'57	
	6413 Nov 02 08:34	0°♏			6416 Apr 04 05:21	0°♏	
morning max el	6413 Nov 26 02:51	20°♏21'02	45°56'20		6416 Apr 28 05:15	0°♏	
asc. node	6413 Nov 30 01:38	24°♏15'10		asc. node	6416 May 16 20:21	23°♏06'36	
	6413 Dec 05 16:56	0°♎			6416 May 22 10:25	0°♏	
	6414 Jan 02 00:56	0°♏			6416 Jun 15 23:33	0°♏	
	6414 Jan 27 14:12	0°♏			6416 Jul 11 00:33	0°♎	

	6416 Aug 05 21:08	0°♄		desc. node	6419 Feb 21 07:42	17°♊51'27	
	6416 Sep 02 08:25	0°♌			6419 Mar 03 00:15	0°♋	
desc. node	6416 Sep 05 12:39	3°♌16'36		morning set	6419 Mar 14 03:34	13°♋58'43	
evening max el	6416 Sep 16 12:58	14°♌11'38	45°37'53		6419 Mar 26 21:29	0°♎	
	6416 Oct 04 14:52	0°♏			6419 Apr 19 18:17	0°♏	
greatest brilliancy	6416 Oct 25 20:46	12°♏18'40	-4.7m				
retrograde	6416 Nov 04 04:55	13°♏53'56		superior conj	6419 Apr 24 02:07	5°♏26'01	-1°26'27
evening set	6416 Nov 21 03:59	8°♏29'18		minimum elong	6419 Apr 24 05:35	5°♏36'54	1°26'28
inferior conj	6416 Nov 25 10:24	5°♏53'39	-6°53'24	max. Earth dist.	6419 Apr 26 16:09	8°♏40'44	1.71409 AU
minimum elong	6416 Nov 25 20:17	5°♏38'16	6°51'32		6419 May 13 16:32	0°♐	
min. Earth dist.	6416 Nov 26 08:48	5°♏18'47	0.28308 AU	evening rise	6419 Jun 03 06:40	25°♐41'11	
morning rise	6416 Nov 30 12:02	2°♏48'48			6419 Jun 06 17:57	0°♑	
	6416 Dec 06 01:25	30°♑		asc. node	6419 Jun 14 08:06	9°♑25'08	
direct	6416 Dec 16 17:01	27°♑42'47			6419 Jun 30 23:39	0°♒	
asc. node	6416 Dec 27 13:16	29°♑52'59			6419 Jul 25 10:33	0°♓	
	6416 Dec 27 20:31	0°♏			6419 Aug 19 04:10	0°♄	
greatest brilliancy	6416 Dec 27 22:57	0°♏02'23	-4.8m		6419 Sep 13 07:34	0°♌	
	6417 Feb 04 18:23	0°♑		desc. node	6419 Oct 04 00:26	24°♌10'31	
morning max el	6417 Feb 05 00:05	0°♑14'19	46°41'17		6419 Oct 09 02:09	0°♏	
	6417 Mar 04 13:02	0°♊			6419 Nov 04 23:01	0°♑	
	6417 Mar 30 06:34	0°♋		evening max el	6419 Nov 28 19:41	24°♑40'46	46°18'08
desc. node	6417 Apr 18 05:42	22°♋47'05			6419 Dec 04 09:44	0°♊	
	6417 Apr 24 04:27	0°♎		greatest brilliancy	6420 Jan 07 15:42	24°♊08'35	-4.8m
	6417 May 18 17:29	0°♏		retrograde	6420 Jan 17 11:37	25°♊56'33	
	6417 Jun 12 03:10	0°♐		asc. node	6420 Jan 25 01:10	24°♊46'27	
	6417 Jul 06 12:22	0°♑		evening set	6420 Jan 31 21:30	21°♊49'58	
	6417 Jul 30 21:56	0°♒		inferior conj	6420 Feb 07 02:03	18°♊12'46	3°18'19
asc. node	6417 Aug 09 05:49	11°♒28'08		minimum elong	6420 Feb 06 18:49	18°♊23'49	3°16'08
morning set	6417 Aug 09 17:28	12°♒03'56		min. Earth dist.	6420 Feb 07 01:31	18°♊13'36	0.26842 AU
	6417 Aug 24 07:28	0°♓		morning rise	6420 Feb 12 16:00	14°♊55'18	
max. Earth dist.	6417 Sep 14 23:02	26°♓38'51	1.73397 AU	direct	6420 Feb 27 17:37	10°♊26'29	
				greatest brilliancy	6420 Mar 08 19:31	12°♊22'34	-4.9m
superior conj	6417 Sep 15 15:03	27°♓28'12	1°14'18		6420 Apr 04 03:56	0°♋	
minimum elong	6417 Sep 15 07:05	27°♓03'41	1°14'07	morning max el	6420 Apr 18 07:01	13°♋26'16	46°57'51
	6417 Sep 17 16:21	0°♄			6420 May 04 01:14	0°♎	
	6417 Oct 12 00:37	0°♌		desc. node	6420 May 15 17:38	12°♎56'59	
evening rise	6417 Oct 21 20:59	12°♌08'17			6420 May 30 15:40	0°♏	
	6417 Nov 05 08:56	0°♏			6420 Jun 25 04:40	0°♐	
desc. node	6417 Nov 28 22:06	28°♏59'03			6420 Jul 20 07:14	0°♑	
	6417 Nov 29 17:55	0°♑			6420 Aug 14 04:37	0°♒	
	6417 Dec 24 03:44	0°♊		asc. node	6420 Sep 05 17:53	27°♒21'32	
	6418 Jan 17 14:48	0°♋			6420 Sep 07 21:57	0°♓	
	6418 Feb 11 05:21	0°♎			6420 Oct 02 11:05	0°♄	
	6418 Mar 08 05:33	0°♏		morning set	6420 Oct 17 02:38	18°♄00'12	
asc. node	6418 Mar 21 22:37	16°♏02'21			6420 Oct 26 20:12	0°♌	
	6418 Apr 03 05:18	0°♐			6420 Nov 20 02:15	0°♏	
evening max el	6418 Apr 25 08:12	23°♐37'07	46°45'07	max. Earth dist.	6420 Nov 20 11:42	0°♏29'19	1.72719 AU
	6418 May 01 20:26	0°♑					
greatest brilliancy	6418 Jun 03 20:36	23°♑57'55	-4.8m	superior conj	6420 Nov 22 19:54	3°♏23'28	1°09'31
retrograde	6418 Jun 14 15:01	26°♑07'56		minimum elong	6420 Nov 23 05:10	3°♏52'11	1°09'18
evening set	6418 Jun 29 18:03	21°♑38'33			6420 Dec 14 06:17	0°♑	
inferior conj	6418 Jul 05 20:02	18°♑00'03	1°25'32	desc. node	6420 Dec 26 09:54	15°♑06'30	
minimum elong	6418 Jul 05 23:14	17°♑55'04	1°24'30	evening rise	6420 Dec 31 05:43	21°♑06'56	
min. Earth dist.	6418 Jul 05 12:48	18°♑11'19	0.28076 AU		6421 Jan 07 08:56	0°♊	
desc. node	6418 Jul 11 15:02	14°♑31'46			6421 Jan 31 10:28	0°♋	
morning rise	6418 Jul 12 04:53	14°♑12'48			6421 Feb 24 11:43	0°♎	
direct	6418 Jul 26 22:24	9°♑58'52			6421 Mar 20 15:00	0°♏	
greatest brilliancy	6418 Aug 05 20:26	11°♑45'45	-4.7m		6421 Apr 14 00:21	0°♐	
	6418 Sep 02 23:09	0°♒		asc. node	6421 Apr 18 10:30	5°♐23'04	
morning max el	6418 Sep 13 17:04	9°♒46'49	45°43'33		6421 May 08 21:53	0°♑	
	6418 Oct 03 16:28	0°♓			6421 Jun 03 18:13	0°♒	
	6418 Oct 30 20:10	0°♄			6421 Jul 01 16:32	0°♓	
asc. node	6418 Nov 01 15:48	2°♄04'46		evening max el	6421 Jul 05 08:35	3°♓38'12	45°53'33
	6418 Nov 25 13:12	0°♌			6421 Aug 07 18:23	0°♄	
	6418 Dec 20 10:58	0°♏		desc. node	6421 Aug 08 03:00	0°♄10'49	
	6419 Jan 13 21:17	0°♑		greatest brilliancy	6421 Aug 12 14:49	2°♄08'43	-4.7m
	6419 Feb 07 00:48	0°♊		retrograde	6421 Aug 23 12:18	4°♄17'01	

	6421 Sep 07 08:49	30° \mathbb{R} \mathbb{M}		desc. node	6424 Jan 23 21:48	1° \approx 09'41	
evening set	6421 Sep 09 06:21	28° \mathbb{M} 55'35		max. Earth dist.	6424 Feb 01 17:38	12° \approx 13'05	1.71493 AU
min. Earth dist.	6421 Sep 13 16:16	26° \mathbb{M} 13'06	0.29118 AU				
inferior conj	6421 Sep 14 00:58	25° \mathbb{M} 59'24	-7°20'52	superior conj	6424 Feb 04 08:04	15° \approx 28'43	-0°27'16
minimum elong	6421 Sep 13 16:06	26° \mathbb{M} 13'21	7°19'32	minimum elong	6424 Feb 04 01:21	15° \approx 07'41	0°26'56
morning rise	6421 Sep 18 02:02	23° \mathbb{M} 29'38			6424 Feb 15 21:53	0° \mathbb{H}	
direct	6421 Oct 05 15:27	17° \mathbb{M} 43'02			6424 Mar 10 18:55	0° \mathbb{Y}	
greatest brilliancy	6421 Oct 15 18:40	19° \mathbb{M} 34'49	-4.7m	evening rise	6424 Mar 15 20:22	6° \mathbb{Y} 21'30	
	6421 Nov 02 23:48	0° \mathbb{L}			6424 Apr 03 16:17	0° \mathbb{B}	
morning max el	6421 Nov 23 17:22	18° \mathbb{L} 06'53	45°55'00		6424 Apr 27 16:20	0° \mathbb{I}	
asc. node	6421 Nov 29 03:34	23° \mathbb{L} 29'44		asc. node	6424 May 15 22:14	22° \mathbb{I} 37'49	
	6421 Dec 05 11:18	0° \mathbb{M}			6424 May 21 21:42	0° \mathbb{G}	
	6422 Jan 01 15:15	0° \mathbb{J}			6424 Jun 15 11:14	0° \mathbb{O}	
	6422 Jan 27 02:55	0° \mathbb{Z}			6424 Jul 10 13:00	0° \mathbb{M}	
	6422 Feb 20 20:02	0° \approx			6424 Aug 05 11:11	0° \mathbb{L}	
	6422 Mar 17 03:34	0° \mathbb{H}			6424 Sep 02 02:33	0° \mathbb{M}	
desc. node	6422 Mar 20 19:42	4° \mathbb{H} 33'31		desc. node	6424 Sep 04 14:43	2° \mathbb{M} 33'51	
	6422 Apr 10 06:04	0° \mathbb{Y}		evening max el	6424 Sep 14 02:58	11° \mathbb{M} 57'16	45°37'23
	6422 May 04 06:30	0° \mathbb{B}			6424 Oct 05 04:03	0° \mathbb{J}	
	6422 May 28 07:16	0° \mathbb{I}		greatest brilliancy	6424 Oct 23 10:27	10° \mathbb{J} 04'51	-4.7m
morning set	6422 May 28 20:02	0° \mathbb{I} 39'47		retrograde	6424 Nov 01 19:48	11° \mathbb{J} 41'14	
	6422 Jun 21 09:58	0° \mathbb{G}		evening set	6424 Nov 18 21:47	6° \mathbb{J} 11'29	
				inferior conj	6424 Nov 23 01:35	3° \mathbb{J} 39'45	-7°05'29
superior conj	6422 Jul 06 11:02	18° \mathbb{G} 39'01	-0°12'56	minimum elong	6424 Nov 23 11:14	3° \mathbb{J} 24'45	7°03'46
minimum elong	6422 Jul 06 13:59	18° \mathbb{G} 48'10	0°12'51	min. Earth dist.	6424 Nov 23 23:39	3° \mathbb{J} 05'26	0.28376 AU
behind sun begin	6422 Jul 05 23:35	18° \mathbb{G} 03'34		morning rise	6424 Nov 28 00:10	0° \mathbb{J} 39'27	
behind sun end	6422 Jul 07 04:24	19° \mathbb{G} 32'45			6424 Nov 29 04:00	30° \mathbb{R} \mathbb{M}	
max. Earth dist.	6422 Jul 09 09:11	22° \mathbb{G} 16'06	1.72759 AU	direct	6424 Dec 14 08:37	25° \mathbb{M} 27'51	
asc. node	6422 Jul 11 19:57	25° \mathbb{G} 17'53		greatest brilliancy	6424 Dec 25 15:01	27° \mathbb{M} 48'02	-4.8m
	6422 Jul 15 15:12	0° \mathbb{O}		asc. node	6424 Dec 26 15:18	28° \mathbb{M} 12'54	
	6422 Aug 08 22:46	0° \mathbb{M}			6424 Dec 30 09:23	0° \mathbb{J}	
evening rise	6422 Aug 12 21:31	4° \mathbb{M} 51'37		morning max el	6425 Feb 02 15:35	27° \mathbb{J} 57'28	46°39'54
	6422 Sep 02 08:38	0° \mathbb{L}			6425 Feb 04 15:56	0° \mathbb{Z}	
	6422 Sep 26 21:27	0° \mathbb{M}			6425 Mar 04 04:47	0° \approx	
	6422 Oct 21 14:36	0° \mathbb{J}			6425 Mar 29 20:08	0° \mathbb{H}	
desc. node	6422 Oct 31 12:14	11° \mathbb{J} 56'25		desc. node	6425 Apr 17 07:41	22° \mathbb{H} 14'34	
	6422 Nov 15 13:30	0° \mathbb{Z}			6425 Apr 23 16:55	0° \mathbb{Y}	
	6422 Dec 10 20:06	0° \approx			6425 May 18 05:17	0° \mathbb{B}	
	6423 Jan 05 15:53	0° \mathbb{H}			6425 Jun 11 14:31	0° \mathbb{I}	
	6423 Feb 01 19:23	0° \mathbb{Y}			6425 Jul 05 23:22	0° \mathbb{G}	
evening max el	6423 Feb 09 16:27	8° \mathbb{Y} 08'35	47°02'43		6425 Jul 30 08:41	0° \mathbb{O}	
asc. node	6423 Feb 21 13:00	19° \mathbb{Y} 35'05		morning set	6425 Aug 07 10:29	9° \mathbb{O} 55'51	
	6423 Mar 05 23:59	0° \mathbb{B}		asc. node	6425 Aug 08 07:56	11° \mathbb{O} 01'47	
greatest brilliancy	6423 Mar 22 09:28	9° \mathbb{B} 26'15	-4.9m		6425 Aug 23 18:03	0° \mathbb{M}	
retrograde	6423 Apr 01 07:34	11° \mathbb{B} 18'22					
evening set	6423 Apr 19 11:31	5° \mathbb{B} 00'11		superior conj	6425 Sep 13 09:12	25° \mathbb{M} 23'53	1°12'40
inferior conj	6423 Apr 22 01:24	3° \mathbb{B} 24'53	9°04'01	minimum elong	6425 Sep 13 00:55	24° \mathbb{M} 58'23	1°12'27
minimum elong	6423 Apr 22 04:00	3° \mathbb{B} 20'52	9°03'55	max. Earth dist.	6425 Sep 12 20:35	24° \mathbb{M} 45'03	1.73399 AU
min. Earth dist.	6423 Apr 21 19:30	3° \mathbb{B} 34'02	0.27232 AU		6425 Sep 17 02:52	0° \mathbb{L}	
morning rise	6423 Apr 24 20:34	1° \mathbb{B} 41'49			6425 Oct 11 11:12	0° \mathbb{M}	
	6423 Apr 27 19:00	30° \mathbb{R} \mathbb{Y}		evening rise	6425 Oct 19 14:40	10° \mathbb{M} 02'11	
direct	6423 May 12 17:05	25° \mathbb{Y} 37'13			6425 Nov 04 19:42	0° \mathbb{J}	
greatest brilliancy	6423 May 22 03:08	27° \mathbb{Y} 16'58	-4.9m	desc. node	6425 Nov 28 00:02	28° \mathbb{J} 31'04	
	6423 May 28 10:08	0° \mathbb{B}			6425 Nov 29 04:59	0° \mathbb{Z}	
desc. node	6423 Jun 13 05:13	10° \mathbb{B} 42'47			6425 Dec 23 15:12	0° \approx	
morning max el	6423 Jul 01 11:14	27° \mathbb{B} 13'12	46°20'18		6426 Jan 17 02:48	0° \mathbb{H}	
	6423 Jul 04 06:36	0° \mathbb{I}			6426 Feb 10 18:09	0° \mathbb{Y}	
	6423 Aug 01 13:07	0° \mathbb{G}			6426 Mar 07 19:40	0° \mathbb{B}	
	6423 Aug 28 00:23	0° \mathbb{O}		asc. node	6426 Mar 21 00:38	15° \mathbb{B} 24'15	
	6423 Sep 22 15:47	0° \mathbb{M}			6426 Apr 02 22:09	0° \mathbb{I}	
asc. node	6423 Oct 04 05:47	13° \mathbb{M} 46'50		evening max el	6426 Apr 22 23:09	21° \mathbb{I} 18'55	46°46'49
	6423 Oct 17 18:01	0° \mathbb{L}			6426 May 01 21:56	0° \mathbb{G}	
	6423 Nov 11 10:11	0° \mathbb{M}		greatest brilliancy	6426 Jun 01 12:09	21° \mathbb{G} 41'48	-4.8m
	6423 Dec 05 19:00	0° \mathbb{J}		retrograde	6426 Jun 12 06:58	23° \mathbb{G} 52'05	
morning set	6423 Dec 26 18:22	26° \mathbb{J} 01'48		evening set	6426 Jun 27 10:40	19° \mathbb{G} 20'34	
	6423 Dec 29 22:53	0° \mathbb{Z}		inferior conj	6426 Jul 03 10:59	15° \mathbb{G} 44'26	1°46'59
	6424 Jan 22 23:31	0° \approx		minimum elong	6426 Jul 03 14:58	15° \mathbb{G} 38'15	1°45'44

min. Earth dist.	6426 Jul 03 03:59	15°☿55'18	0.28039 AU		6429 Jan 06 19:58	0°♊	
morning rise	6426 Jul 09 19:47	11°☿57'43			6429 Jan 30 21:44	0°♋	
desc. node	6426 Jul 10 17:10	11°☿29'28			6429 Feb 23 23:16	0°♌	
direct	6426 Jul 24 13:16	7°☿43'43			6429 Mar 20 02:54	0°♍	
greatest brilliancy	6426 Aug 03 10:40	9°☿30'41	-4.8m		6429 Apr 13 12:49	0°♎	
	6426 Sep 03 02:59	0°♏		asc. node	6429 Apr 17 12:23	4°♎50'30	
morning max el	6426 Sep 11 09:11	7°♏36'50	45°44'12		6429 May 08 11:22	0°☿	
	6426 Oct 03 09:20	0°♐			6429 Jun 03 09:45	0°♑	
	6426 Oct 30 09:51	0°♑			6429 Jul 01 13:43	0°♒	
asc. node	6426 Oct 31 17:44	1°♑31'24		evening max el	6429 Jul 02 23:43	1°♒23'41	45°55'01
	6426 Nov 25 01:31	0°♒		desc. node	6429 Aug 07 05:01	28°♒41'06	
	6426 Dec 19 22:37	0°♓			6429 Aug 10 08:21	0°♓	
	6427 Jan 13 08:36	0°♓		greatest brilliancy	6429 Aug 10 07:10	29°♓58'54	-4.7m
	6427 Feb 06 11:57	0°♊		retrograde	6429 Aug 21 04:11	2°♓07'03	
desc. node	6427 Feb 20 09:45	17°♊23'03			6429 Aug 31 12:29	30°♓♐	
	6427 Mar 02 11:20	0°♋		evening set	6429 Sep 06 19:38	26°♓50'20	
morning set	6427 Mar 11 13:40	11°♋25'02		inferior conj	6429 Sep 11 17:18	23°♓49'38	-7°10'27
	6427 Mar 26 08:31	0°♌		minimum elong	6429 Sep 11 08:08	24°♓04'06	7°08'58
	6427 Apr 19 05:15	0°♍		min. Earth dist.	6429 Sep 11 08:08	24°♓04'05	0.29096 AU
				morning rise	6429 Sep 15 20:46	21°♓16'03	
superior conj	6427 Apr 21 13:12	2°♌55'40	-1°26'57	direct	6429 Oct 03 07:17	15°♓33'42	
minimum elong	6427 Apr 21 15:38	3°♌03'19	1°26'58	greatest brilliancy	6429 Oct 13 10:10	17°♓24'35	-4.7m
max. Earth dist.	6427 Apr 24 02:00	6°♌06'35	1.71377 AU		6429 Nov 03 11:39	0°♓	
	6427 May 13 03:29	0°♎		morning max el	6429 Nov 21 07:30	15°♓50'49	45°53'56
evening rise	6427 May 31 19:24	23°♎17'29		asc. node	6429 Nov 28 05:34	22°♓44'08	
	6427 Jun 06 04:54	0°☿			6429 Dec 05 05:34	0°♐	
asc. node	6427 Jun 13 10:08	8°☿57'26			6430 Jan 01 05:41	0°♑	
	6427 Jun 30 10:42	0°♑			6430 Jan 26 15:49	0°♒	
	6427 Jul 24 21:50	0°♒			6430 Feb 20 08:11	0°♓	
	6427 Aug 18 15:52	0°♓			6430 Mar 16 15:17	0°♋	
desc. node	6427 Sep 12 20:01	0°♐		desc. node	6430 Mar 19 21:38	4°♋03'16	
	6427 Oct 03 02:23	23°♐37'12			6430 Apr 09 17:31	0°♌	
	6427 Oct 08 16:03	0°♑			6430 May 03 17:46	0°♍	
	6427 Nov 04 16:03	0°♒		morning set	6430 May 26 09:21	28°♌17'02	
evening max el	6427 Nov 26 10:26	22°♒23'28	46°16'10		6430 May 27 18:23	0°♎	
	6427 Dec 04 12:26	0°♊			6430 Jun 20 20:59	0°☿	
greatest brilliancy	6428 Jan 05 04:48	21°♊44'14	-4.8m				
retrograde	6428 Jan 15 00:22	23°♊31'12		superior conj	6430 Jul 04 02:05	16°☿23'06	-0°16'25
asc. node	6428 Jan 24 03:15	21°♊49'58		minimum elong	6430 Jul 04 05:49	16°☿34'40	0°16'16
evening set	6428 Jan 29 09:22	19°♊26'23		max. Earth dist.	6430 Jul 07 01:59	20°☿05'40	1.72713 AU
inferior conj	6428 Feb 04 14:54	15°♊47'27	2°55'33	asc. node	6430 Jul 10 22:02	24°☿50'25	
minimum elong	6428 Feb 04 08:25	15°♊57'23	2°53'34		6430 Jul 15 02:09	0°♑	
min. Earth dist.	6428 Feb 04 15:23	15°♊46'43	0.26862 AU		6430 Aug 08 09:43	0°♒	
morning rise	6428 Feb 10 07:18	12°♊26'20		evening rise	6430 Aug 10 14:43	2°♒43'08	
direct	6428 Feb 25 07:10	8°♊00'54			6430 Sep 01 19:41	0°♓	
greatest brilliancy	6428 Mar 06 09:43	9°♊57'23	-4.9m		6430 Sep 26 08:46	0°♐	
	6428 Apr 04 10:00	0°♋			6430 Oct 21 02:23	0°♑	
morning max el	6428 Apr 15 20:19	11°♋01'04	46°58'10	desc. node	6430 Oct 30 14:12	11°♑26'15	
	6428 May 03 19:32	0°♌			6430 Nov 15 02:00	0°♒	
desc. node	6428 May 14 19:33	12°♌16'01			6430 Dec 10 09:45	0°♓	
	6428 May 30 06:29	0°♍			6431 Jan 05 07:35	0°♋	
	6428 Jun 24 17:49	0°♎			6431 Feb 01 15:58	0°♌	
	6428 Jul 19 19:25	0°☿		evening max el	6431 Feb 07 04:46	5°♌40'50	47°02'01
	6428 Aug 13 16:10	0°♑		asc. node	6431 Feb 20 14:55	18°♌32'22	
asc. node	6428 Sep 04 19:48	26°♑53'17			6431 Mar 06 22:26	0°♍	
	6428 Sep 07 09:07	0°♒		greatest brilliancy	6431 Mar 19 23:28	7°♍01'22	-4.9m
	6428 Oct 01 22:01	0°♓		retrograde	6431 Mar 29 20:35	8°♍53'05	
morning set	6428 Oct 14 20:06	15°♓52'51		evening set	6431 Apr 17 01:10	2°♍34'33	
	6428 Oct 26 07:01	0°♐		inferior conj	6431 Apr 19 14:39	1°♍00'02	9°06'30
max. Earth dist.	6428 Nov 18 03:21	28°♐15'40	1.72753 AU	minimum elong	6431 Apr 19 16:17	0°♍57'30	9°06'26
	6428 Nov 19 13:02	0°♑		min. Earth dist.	6431 Apr 19 08:34	1°♍09'27	0.27213 AU
					6431 Apr 21 05:33	30°♑♒	
superior conj	6428 Nov 20 12:27	1°♑12'32	1°11'26	morning rise	6431 Apr 22 07:28	29°♑20'33	
minimum elong	6428 Nov 20 21:25	1°♑40'20	1°11'14	direct	6431 May 10 05:23	23°♑12'22	
	6428 Dec 13 17:10	0°♒		greatest brilliancy	6431 May 19 16:24	24°♑52'44	-4.9m
desc. node	6428 Dec 25 12:00	14°♒38'58			6431 May 30 05:02	0°♋	
evening rise	6428 Dec 28 19:55	18°♒47'35		desc. node	6431 Jun 12 07:22	9°♋34'54	

morning max el	6431 Jun 29 00:36	24°♄50'50	46°21'57		6434 Jan 16 15:01	0°♁	
	6431 Jul 04 04:27	0°♂			6434 Feb 10 07:11	0°♂	
	6431 Aug 01 05:05	0°♂			6434 Mar 07 10:03	0°♄	
	6431 Aug 27 13:59	0°♂		asc. node	6434 Mar 20 02:35	14°♄45'22	
	6431 Sep 22 04:08	0°♂			6434 Apr 02 15:25	0°♂	
asc. node	6431 Oct 03 07:45	13°♂16'49		evening max el	6434 Apr 20 14:58	19°♂02'44	46°48'32
	6431 Oct 17 05:40	0°♂			6434 May 02 00:53	0°♂	
	6431 Nov 10 21:27	0°♂		greatest brilliancy	6434 May 30 03:52	19°♂26'07	-4.8m
	6431 Dec 05 06:05	0°♄		retrograde	6434 Jun 09 22:59	21°♂36'15	
morning set	6431 Dec 24 08:55	23°♄43'21		evening set	6434 Jun 25 03:32	17°♂02'43	
	6431 Dec 29 09:55	0°♂		inferior conj	6434 Jul 01 01:59	13°♂28'55	2°08'17
	6432 Jan 22 10:33	0°♂		minimum elong	6434 Jul 01 06:43	13°♂21'34	2°06'48
desc. node	6432 Jan 22 23:50	0°♂41'34		min. Earth dist.	6434 Jun 30 19:04	13°♂39'40	0.28003 AU
max. Earth dist.	6432 Jan 30 05:59	9°♂46'48	1.71526 AU	morning rise	6434 Jul 07 10:32	9°♂42'55	
				desc. node	6434 Jul 09 19:06	8°♂31'09	
superior conj	6432 Feb 01 19:54	13°♂00'47	-0°23'35	direct	6434 Jul 22 04:26	5°♂28'56	
minimum elong	6432 Feb 01 14:03	12°♂42'26	0°23'16	greatest brilliancy	6434 Aug 01 00:26	7°♂15'09	-4.8m
	6432 Feb 15 08:55	0°♁			6434 Sep 03 05:13	0°♂	
	6432 Mar 10 06:00	0°♂		morning max el	6434 Sep 09 01:02	5°♂26'01	45°44'35
evening rise	6432 Mar 13 07:31	3°♂50'55			6434 Oct 03 01:58	0°♂	
	6432 Apr 03 03:27	0°♄			6434 Oct 29 23:33	0°♂	
	6432 Apr 27 03:39	0°♂		asc. node	6434 Oct 30 19:47	0°♂58'09	
asc. node	6432 May 15 00:18	22°♂08'45			6434 Nov 24 13:55	0°♂	
	6432 May 21 09:17	0°♂			6434 Dec 19 10:20	0°♄	
	6432 Jun 14 23:16	0°♂			6435 Jan 12 19:57	0°♂	
	6432 Jul 10 01:54	0°♂			6435 Feb 05 23:07	0°♂	
	6432 Aug 05 01:54	0°♂		desc. node	6435 Feb 19 11:36	16°♂54'05	
desc. node	6432 Sep 01 21:43	0°♂			6435 Mar 01 22:23	0°♁	
	6432 Sep 03 16:39	1°♂48'47		morning set	6435 Mar 08 23:44	8°♁51'23	
evening max el	6432 Sep 11 17:51	9°♂43'41	45°37'04		6435 Mar 25 19:31	0°♂	
	6432 Oct 05 22:36	0°♄			6435 Apr 18 16:12	0°♄	
greatest brilliancy	6432 Oct 20 23:40	7°♄49'28	-4.7m				
retrograde	6432 Oct 30 11:01	9°♄27'16		superior conj	6435 Apr 19 00:19	0°♄25'28	-1°27'17
evening set	6432 Nov 16 15:30	3°♄52'37		minimum elong	6435 Apr 19 01:40	0°♄29'44	1°27'18
inferior conj	6432 Nov 20 16:40	1°♄24'38	-7°17'01	max. Earth dist.	6435 Apr 21 11:32	3°♄31'29	1.71343 AU
minimum elong	6432 Nov 21 02:02	1°♄10'06	7°15'26		6435 May 12 14:22	0°♂	
min. Earth dist.	6432 Nov 21 14:01	0°♄51'28	0.28438 AU	evening rise	6435 May 29 08:08	20°♂53'49	
	6432 Nov 22 23:21	30°♂			6435 Jun 05 15:46	0°♂	
morning rise	6432 Nov 25 12:08	28°♂29'03		asc. node	6435 Jun 12 12:11	8°♂30'03	
direct	6432 Dec 12 00:32	23°♂11'58			6435 Jun 29 21:39	0°♂	
greatest brilliancy	6432 Dec 23 06:16	25°♂31'54	-4.8m		6435 Jul 24 09:00	0°♂	
asc. node	6432 Dec 25 17:25	26°♂35'28			6435 Aug 18 03:30	0°♂	
	6433 Jan 01 00:05	0°♄			6435 Sep 12 08:29	0°♂	
morning max el	6433 Jan 31 07:48	25°♄41'47	46°38'30	desc. node	6435 Oct 02 04:20	23°♂03'44	
	6433 Feb 04 13:01	0°♂			6435 Oct 08 06:07	0°♄	
	6433 Mar 03 20:31	0°♂			6435 Nov 04 09:31	0°♂	
	6433 Mar 29 09:46	0°♁		evening max el	6435 Nov 24 00:33	20°♂04'31	46°14'11
desc. node	6433 Apr 16 09:38	21°♁41'38			6435 Dec 04 16:55	0°♂	
	6433 Apr 23 05:28	0°♂		greatest brilliancy	6436 Jan 02 18:27	19°♂20'25	-4.8m
	6433 May 17 17:12	0°♄		retrograde	6436 Jan 12 12:31	21°♂05'49	
	6433 Jun 11 01:59	0°♂		asc. node	6436 Jan 23 05:08	18°♂48'08	
	6433 Jul 05 10:31	0°♂		evening set	6436 Jan 26 21:23	17°♂02'24	
	6433 Jul 29 19:37	0°♂		inferior conj	6436 Feb 02 03:41	13°♂22'21	2°32'25
morning set	6433 Aug 05 03:20	7°♂46'32		minimum elong	6436 Feb 01 22:00	13°♂31'04	2°30'39
asc. node	6433 Aug 07 09:51	10°♂34'12		min. Earth dist.	6436 Feb 02 05:35	13°♂19'26	0.26880 AU
	6433 Aug 23 04:51	0°♂		morning rise	6436 Feb 07 22:21	9°♂57'39	
				direct	6436 Feb 22 20:06	5°♂35'23	
superior conj	6433 Sep 11 02:56	23°♂17'29	1°10'55	greatest brilliancy	6436 Mar 04 00:23	7°♂32'55	-4.9m
minimum elong	6433 Sep 10 18:22	22°♂51'05	1°10'40		6436 Apr 04 13:58	0°♁	
max. Earth dist.	6433 Sep 10 18:22	22°♂51'05	1.73402 AU	morning max el	6436 Apr 13 08:45	8°♁34'03	46°58'30
	6433 Sep 16 13:39	0°♂			6436 May 03 13:13	0°♂	
	6433 Oct 10 22:02	0°♂		desc. node	6436 May 13 21:39	11°♂36'28	
evening rise	6433 Oct 17 07:55	7°♂54'01			6436 May 29 20:55	0°♄	
	6433 Nov 04 06:42	0°♄			6436 Jun 24 06:39	0°♂	
desc. node	6433 Nov 27 02:06	28°♄02'52			6436 Jul 19 07:19	0°♂	
	6433 Nov 28 16:15	0°♂			6436 Aug 13 03:28	0°♂	
	6433 Dec 23 02:52	0°♂		asc. node	6436 Sep 03 21:46	26°♂25'55	

	6436 Sep 06 20:02	0°♍		evening set	6439 Apr 14 13:57	0°♋09'28	
	6436 Oct 01 08:42	0°♊			6439 Apr 14 20:13	30°♎°	
morning set	6436 Oct 12 13:31	13°♊46'02		inferior conj	6439 Apr 17 03:37	28°♎°34'57	9°07'54
	6436 Oct 25 17:38	0°♍		minimum elong	6439 Apr 17 04:17	28°♎°33'55	9°07'53
max. Earth dist.	6436 Nov 15 18:44	26°♍01'42	1.72796 AU	min. Earth dist.	6439 Apr 16 21:09	28°♎°44'55	0.27189 AU
				morning rise	6439 Apr 19 18:40	26°♎°58'21	
superior conj	6436 Nov 18 04:54	29°♍01'50	1°13'14	direct	6439 May 07 17:47	20°♎°47'22	
minimum elong	6436 Nov 18 13:32	29°♍28'32	1°13'03	greatest brilliancy	6439 May 17 05:02	22°♎°28'14	-4.9m
	6436 Nov 18 23:41	0°♋			6439 May 31 10:16	0°♋	
	6436 Dec 13 03:56	0°♋		desc. node	6439 Jun 11 09:21	8°♋29'17	
desc. node	6436 Dec 24 13:59	14°♋11'29		morning max el	6439 Jun 26 14:40	22°♋31'13	46°23'44
evening rise	6436 Dec 26 09:52	16°♋27'54			6439 Jul 04 01:07	0°♊	
	6437 Jan 06 06:54	0°♋			6439 Jul 31 20:21	0°♋	
	6437 Jan 30 08:51	0°♋			6439 Aug 27 03:01	0°♊	
	6437 Feb 23 10:37	0°♎			6439 Sep 21 16:00	0°♍	
	6437 Mar 19 14:37	0°♋		asc. node	6439 Oct 02 09:48	12°♍48'25	
	6437 Apr 13 01:06	0°♊			6439 Oct 16 16:51	0°♊	
asc. node	6437 Apr 16 14:27	4°♊19'12			6439 Nov 10 08:17	0°♍	
	6437 May 08 00:41	0°♋			6439 Dec 04 16:46	0°♋	
	6437 Jun 03 01:12	0°♊		morning set	6439 Dec 21 23:54	21°♋27'38	
evening max el	6437 Jun 30 14:28	29°♊09'07	45°56'36		6439 Dec 28 20:33	0°♋	
	6437 Jul 01 11:18	0°♍			6440 Jan 21 21:13	0°♋	
desc. node	6437 Aug 06 06:58	27°♍09'28		desc. node	6440 Jan 22 01:44	0°♋14'07	
greatest brilliancy	6437 Aug 07 23:23	27°♍50'03	-4.7m	max. Earth dist.	6440 Jan 27 19:13	7°♋24'23	1.71567 AU
retrograde	6437 Aug 18 20:14	29°♍58'42					
evening set	6437 Sep 04 09:03	24°♍46'20		superior conj	6440 Jan 30 07:47	10°♋34'05	-0°19'51
inferior conj	6437 Sep 09 09:47	21°♍41'26	-6°59'20	minimum elong	6440 Jan 30 02:49	10°♋18'33	0°19'34
minimum elong	6437 Sep 09 00:21	21°♍56'17	6°57'43		6440 Feb 14 19:40	0°♋	
min. Earth dist.	6437 Sep 09 00:16	21°♍56'26	0.29076 AU		6440 Mar 09 16:50	0°♎	
morning rise	6437 Sep 13 15:46	19°♍04'02		evening rise	6440 Mar 10 18:22	1°♎20'12	
direct	6437 Sep 30 22:56	13°♍25'46			6440 Apr 02 14:24	0°♋	
greatest brilliancy	6437 Oct 11 02:14	15°♍16'29	-4.7m		6440 Apr 26 14:44	0°♊	
	6437 Nov 03 19:47	0°♊		asc. node	6440 May 14 02:19	21°♊40'21	
morning max el	6437 Nov 18 21:58	13°♊36'43	45°52'45		6440 May 20 20:35	0°♋	
asc. node	6437 Nov 27 07:39	22°♊00'27			6440 Jun 14 11:01	0°♊	
	6437 Dec 04 23:02	0°♍			6440 Jul 09 14:32	0°♍	
	6437 Dec 31 19:44	0°♋			6440 Aug 04 16:22	0°♊	
	6438 Jan 26 04:28	0°♋			6440 Sep 01 16:57	0°♍	
	6438 Feb 19 20:07	0°♋		desc. node	6440 Sep 02 18:41	1°♍04'35	
	6438 Mar 16 02:47	0°♋		evening max el	6440 Sep 09 09:45	7°♍34'01	45°36'51
desc. node	6438 Mar 18 23:41	3°♋34'03			6440 Oct 06 22:45	0°♋	
	6438 Apr 09 04:42	0°♎		greatest brilliancy	6440 Oct 18 13:11	5°♋36'28	-4.7m
	6438 May 03 04:43	0°♋		retrograde	6440 Oct 28 02:25	7°♋15'23	
morning set	6438 May 23 22:30	25°♋54'38		evening set	6440 Nov 14 09:26	1°♋36'17	
	6438 May 27 05:10	0°♊			6440 Nov 17 01:00	30°♎°	
	6438 Jun 20 07:40	0°♋		inferior conj	6440 Nov 18 08:02	29°♍11'49	-7°27'42
				minimum elong	6440 Nov 18 17:03	28°♍57'47	7°26'16
superior conj	6438 Jul 01 17:11	14°♋08'20	-0°19'51	min. Earth dist.	6440 Nov 19 04:26	28°♍40'05	0.28496 AU
minimum elong	6438 Jul 01 21:41	14°♋22'17	0°19'40	morning rise	6440 Nov 23 00:20	26°♍20'49	
max. Earth dist.	6438 Jul 04 16:53	17°♋50'23	1.72666 AU	direct	6440 Dec 09 16:59	20°♍58'38	
asc. node	6438 Jul 09 23:56	24°♋23'30		greatest brilliancy	6440 Dec 20 21:08	23°♍17'20	-4.8m
	6438 Jul 14 12:45	0°♊		asc. node	6440 Dec 24 19:15	25°♍02'57	
	6438 Aug 07 20:18	0°♍			6441 Jan 02 02:03	0°♋	
evening rise	6438 Aug 08 08:07	0°♍36'20		morning max el	6441 Jan 28 23:52	23°♋27'23	46°36'53
	6438 Sep 01 06:22	0°♊			6441 Feb 04 08:51	0°♋	
	6438 Sep 25 19:43	0°♍			6441 Mar 03 11:36	0°♋	
	6438 Oct 20 13:48	0°♋			6441 Mar 28 23:00	0°♋	
desc. node	6438 Oct 29 16:19	10°♋57'39		desc. node	6441 Apr 15 11:41	21°♋09'53	
	6438 Nov 14 14:11	0°♋			6441 Apr 22 17:44	0°♎	
	6438 Dec 09 23:11	0°♋			6441 May 17 04:52	0°♋	
	6439 Jan 04 23:17	0°♋			6441 Jun 10 13:13	0°♊	
	6439 Feb 01 13:05	0°♎			6441 Jul 04 21:24	0°♋	
evening max el	6439 Feb 04 17:39	3°♎15'00	47°01'10		6441 Jul 29 06:15	0°♊	
asc. node	6439 Feb 19 16:56	17°♎28'28		morning set	6441 Aug 02 20:02	5°♊37'40	
	6439 Mar 08 05:24	0°♋		asc. node	6441 Aug 06 11:47	10°♊07'37	
greatest brilliancy	6439 Mar 17 12:50	4°♋35'40	-4.9m		6441 Aug 22 15:21	0°♍	
retrograde	6439 Mar 27 09:51	6°♋27'39					

superior conj	6441 Sep 08 20:41	21° \mathbb{M} 12'06	1°09'03	greatest brilliancy	6444 Mar 01 15:49	5° \approx 10'17	-4.9m
minimum elong	6441 Sep 08 11:53	20° \mathbb{M} 44'59	1°08'48		6444 Apr 04 16:05	0° \mathbb{H}	
max. Earth dist.	6441 Sep 08 16:29	20° \mathbb{M} 59'09	1.73400 AU	morning max el	6444 Apr 10 21:14	6° \mathbb{H} 07'37	46°58'54
	6441 Sep 16 00:07	0° $\underline{\mathbb{L}}$			6444 May 03 06:20	0° \mathbb{Y}	
	6441 Oct 10 08:35	0° \mathbb{M}		desc. node	6444 May 12 23:38	10° \mathbb{Y} 57'27	
evening rise	6441 Oct 15 01:26	5° \mathbb{M} 47'36			6444 May 29 11:03	0° \mathbb{B}	
	6441 Nov 03 17:25	0° \mathbb{A}			6444 Jun 23 19:21	0° \mathbb{I}	
desc. node	6441 Nov 26 04:05	27° \mathbb{A} 35'21			6444 Jul 18 19:10	0° \mathbb{G}	
	6441 Nov 28 03:13	0° \mathbb{Z}			6444 Aug 12 14:47	0° \mathbb{Q}	
	6441 Dec 22 14:13	0° \approx		asc. node	6444 Sep 02 23:52	25° \mathbb{Q} 58'50	
	6442 Jan 16 02:56	0° \mathbb{H}			6444 Sep 06 06:59	0° \mathbb{M}	
	6442 Feb 09 19:56	0° \mathbb{Y}			6444 Sep 30 19:26	0° $\underline{\mathbb{L}}$	
	6442 Mar 07 00:17	0° \mathbb{B}		morning set	6444 Oct 10 06:49	11° $\underline{\mathbb{L}}$ 38'45	
asc. node	6442 Mar 19 04:38	14° \mathbb{B} 07'07			6444 Oct 25 04:15	0° \mathbb{M}	
	6442 Apr 02 08:50	0° \mathbb{I}		max. Earth dist.	6444 Nov 13 12:02	23° \mathbb{M} 53'43	1.72836 AU
evening max el	6442 Apr 18 06:41	16° \mathbb{I} 46'32	46°49'53				
	6442 May 02 05:28	0° \mathbb{G}		superior conj	6444 Nov 15 21:27	26° \mathbb{M} 51'31	1°14'55
greatest brilliancy	6442 May 27 20:06	17° \mathbb{G} 10'45	-4.8m	minimum elong	6444 Nov 16 05:40	27° \mathbb{M} 16'57	1°14'46
retrograde	6442 Jun 07 14:28	19° \mathbb{G} 19'40			6444 Nov 18 10:19	0° \mathbb{A}	
evening set	6442 Jun 22 20:23	14° \mathbb{G} 44'15			6444 Dec 12 14:41	0° \mathbb{Z}	
inferior conj	6442 Jun 28 16:47	11° \mathbb{G} 13'01	2°29'35	desc. node	6444 Dec 23 15:54	13° \mathbb{Z} 43'45	
minimum elong	6442 Jun 28 22:15	11° \mathbb{G} 04'30	2°27'53	evening rise	6444 Dec 24 00:09	14° \mathbb{Z} 09'25	
min. Earth dist.	6442 Jun 28 10:15	11° \mathbb{G} 23'10	0.27964 AU		6445 Jan 05 17:51	0° \approx	
morning rise	6442 Jul 05 00:47	7° \mathbb{G} 27'43			6445 Jan 29 20:01	0° \mathbb{H}	
desc. node	6442 Jul 08 21:02	5° \mathbb{G} 36'01			6445 Feb 22 22:02	0° \mathbb{Y}	
direct	6442 Jul 19 19:14	3° \mathbb{G} 13'50			6445 Mar 19 02:22	0° \mathbb{B}	
greatest brilliancy	6442 Jul 29 14:08	4° \mathbb{G} 59'12	-4.8m		6445 Apr 12 13:26	0° \mathbb{I}	
	6442 Sep 03 05:56	0° \mathbb{Q}		asc. node	6445 Apr 15 16:29	3° \mathbb{I} 47'41	
morning max el	6442 Sep 06 15:56	3° \mathbb{Q} 13'18	45°45'09		6445 May 07 14:05	0° \mathbb{G}	
	6442 Oct 02 18:03	0° \mathbb{M}			6445 Jun 02 16:55	0° \mathbb{Q}	
asc. node	6442 Oct 29 21:47	0° $\underline{\mathbb{L}}$ 25'40		evening max el	6445 Jun 28 05:10	26° \mathbb{Q} 54'07	45°58'06
	6442 Oct 29 12:53	0° $\underline{\mathbb{L}}$			6445 Jul 01 09:51	0° \mathbb{M}	
	6442 Nov 24 01:59	0° \mathbb{M}		desc. node	6445 Aug 05 09:02	25° \mathbb{M} 34'03	
	6442 Dec 18 21:46	0° \mathbb{A}		greatest brilliancy	6445 Aug 05 14:57	25° \mathbb{M} 39'43	-4.7m
	6443 Jan 12 07:02	0° \mathbb{Z}		retrograde	6445 Aug 16 12:31	27° \mathbb{M} 49'40	
	6443 Feb 05 10:01	0° \approx		evening set	6445 Sep 01 22:22	22° \mathbb{M} 41'16	
desc. node	6443 Feb 18 13:42	16° \approx 26'39		min. Earth dist.	6445 Sep 06 16:10	19° \mathbb{M} 47'59	0.29056 AU
	6443 Mar 01 09:13	0° \mathbb{H}		inferior conj	6445 Sep 07 02:09	19° \mathbb{M} 32'18	-6°47'27
morning set	6443 Mar 06 10:20	6° \mathbb{H} 20'03		minimum elong	6445 Sep 06 16:30	19° \mathbb{M} 47'28	6°45'43
	6443 Mar 25 06:17	0° \mathbb{Y}		morning rise	6445 Sep 11 10:44	16° \mathbb{M} 51'13	
				direct	6445 Sep 28 14:33	11° \mathbb{M} 16'48	
superior conj	6443 Apr 16 11:39	27° \mathbb{Y} 56'35	-1°27'25	greatest brilliancy	6445 Oct 08 18:23	13° \mathbb{M} 07'49	-4.7m
minimum elong	6443 Apr 16 11:55	27° \mathbb{Y} 57'26	1°27'27		6445 Nov 04 01:49	0° $\underline{\mathbb{L}}$	
	6443 Apr 18 02:57	0° \mathbb{B}		morning max el	6445 Nov 16 13:18	11° $\underline{\mathbb{L}}$ 24'16	45°51'44
max. Earth dist.	6443 Apr 18 20:10	0° \mathbb{B} 54'04	1.71315 AU	asc. node	6445 Nov 26 09:33	21° $\underline{\mathbb{L}}$ 16'18	
	6443 May 12 01:06	0° \mathbb{I}			6445 Dec 04 16:18	0° \mathbb{M}	
evening rise	6443 May 26 20:36	18° \mathbb{I} 29'36			6445 Dec 31 09:45	0° \mathbb{A}	
	6443 Jun 05 02:34	0° \mathbb{G}			6446 Jan 25 17:09	0° \mathbb{Z}	
asc. node	6443 Jun 11 14:05	8° \mathbb{G} 02'26			6446 Feb 19 08:06	0° \approx	
	6443 Jun 29 08:33	0° \mathbb{Q}			6446 Mar 15 14:22	0° \mathbb{H}	
	6443 Jul 23 20:09	0° \mathbb{M}		desc. node	6446 Mar 18 01:41	3° \mathbb{H} 04'22	
	6443 Aug 17 15:06	0° $\underline{\mathbb{L}}$			6446 Apr 08 16:00	0° \mathbb{Y}	
	6443 Sep 11 20:56	0° \mathbb{M}			6446 May 02 15:49	0° \mathbb{B}	
desc. node	6443 Oct 01 06:27	22° \mathbb{M} 30'51		morning set	6446 May 21 11:43	23° \mathbb{B} 31'51	
	6443 Oct 07 20:12	0° \mathbb{A}			6446 May 26 16:06	0° \mathbb{I}	
	6443 Nov 04 03:14	0° \mathbb{Z}			6446 Jun 19 18:28	0° \mathbb{G}	
evening max el	6443 Nov 21 13:53	17° \mathbb{Z} 44'15	46°12'14				
	6443 Dec 04 23:11	0° \approx		superior conj	6446 Jun 29 08:20	11° \mathbb{G} 53'13	-0°23'15
greatest brilliancy	6443 Dec 31 08:35	16° \approx 57'58	-4.8m	minimum elong	6446 Jun 29 13:36	12° \mathbb{G} 09'31	0°23'03
retrograde	6444 Jan 10 00:34	18° \approx 41'48		max. Earth dist.	6446 Jul 02 08:08	15° \mathbb{G} 35'40	1.72622 AU
asc. node	6444 Jan 22 07:11	15° \approx 42'33		asc. node	6446 Jul 09 01:57	23° \mathbb{G} 56'31	
evening set	6444 Jan 24 09:49	14° \approx 39'06			6446 Jul 13 23:30	0° \mathbb{Q}	
inferior conj	6444 Jan 30 16:43	10° \approx 58'29	2°09'05	evening rise	6446 Aug 06 01:35	28° \mathbb{Q} 29'13	
minimum elong	6444 Jan 30 11:51	11° \approx 05'58	2°07'35		6446 Aug 07 07:05	0° \mathbb{M}	
min. Earth dist.	6444 Jan 30 20:17	10° \approx 53'00	0.26901 AU		6446 Aug 31 17:17	0° $\underline{\mathbb{L}}$	
morning rise	6444 Feb 05 13:28	7° \approx 30'33			6446 Sep 25 06:56	0° \mathbb{M}	
direct	6444 Feb 20 08:56	3° \approx 10'48			6446 Oct 20 01:31	0° \mathbb{A}	

desc. node	6446 Oct 28 18:13	10°♄27'30		6449 Mar 03 02:57	0°♁	
	6446 Nov 14 02:41	0°♄		6449 Mar 28 12:31	0°♁	
	6446 Dec 09 12:58	0°♁	desc. node	6449 Apr 14 13:41	20°♁36'59	
	6447 Jan 04 15:27	0°♁		6449 Apr 22 06:18	0°♄	
	6447 Feb 01 11:13	0°♄		6449 May 16 16:50	0°♄	
evening max el	6447 Feb 02 07:32	0°♄51'18 47°00'19		6449 Jun 10 00:46	0°♁	
asc. node	6447 Feb 18 19:00	16°♄22'28		6449 Jul 04 08:38	0°♁	
	6447 Mar 10 03:25	0°♄		6449 Jul 28 17:15	0°♁	
greatest brilliancy	6447 Mar 15 01:34	2°♄08'42 -4.9m	morning set	6449 Jul 31 12:49	3°♁27'52	
retrograde	6447 Mar 24 23:35	4°♄01'35	asc. node	6449 Aug 05 13:55	9°♁40'26	
	6447 Apr 08 03:27	30°♄♄		6449 Aug 22 02:13	0°♄	
evening set	6447 Apr 12 02:09	27°♄44'33				
inferior conj	6447 Apr 14 16:35	26°♄09'02 9°08'16	superior conj	6449 Sep 06 14:36	19°♄06'06 1°07'06	
minimum elong	6447 Apr 14 16:16	26°♄09'31 9°08'15	minimum elong	6449 Sep 06 05:37	18°♄38'28 1°06'50	
min. Earth dist.	6447 Apr 14 09:24	26°♄20'06 0.27166 AU	max. Earth dist.	6449 Sep 06 13:48	19°♄03'40 1.73393 AU	
morning rise	6447 Apr 17 06:28	24°♄34'26		6449 Sep 15 10:56	0°♁	
direct	6447 May 05 06:47	18°♄21'42		6449 Oct 09 19:29	0°♄	
greatest brilliancy	6447 May 14 17:12	20°♄02'24 -4.9m	evening rise	6449 Oct 12 19:08	3°♄40'38	
	6447 Jun 01 07:52	0°♄		6449 Nov 03 04:30	0°♄	
desc. node	6447 Jun 10 11:15	7°♄24'25	desc. node	6449 Nov 25 06:03	27°♄06'32	
morning max el	6447 Jun 24 05:29	20°♄12'39 46°25'30		6449 Nov 27 14:36	0°♄	
	6447 Jul 03 21:22	0°♁		6449 Dec 22 02:02	0°♁	
	6447 Jul 31 11:38	0°♁		6450 Jan 15 15:22	0°♁	
	6447 Aug 26 16:13	0°♁		6450 Feb 09 09:15	0°♄	
	6447 Sep 21 04:05	0°♄		6450 Mar 06 15:06	0°♄	
asc. node	6447 Oct 01 11:46	12°♄18'57	asc. node	6450 Mar 18 06:37	13°♄27'04	
	6447 Oct 16 04:20	0°♁		6450 Apr 02 03:05	0°♁	
	6447 Nov 09 19:28	0°♄	evening max el	6450 Apr 15 21:31	14°♄26'49 46°51'18	
	6447 Dec 04 03:48	0°♄		6450 May 02 12:40	0°♁	
morning set	6447 Dec 19 14:54	19°♄10'57	greatest brilliancy	6450 May 25 12:46	14°♄54'40 -4.8m	
	6447 Dec 28 07:32	0°♄	retrograde	6450 Jun 05 05:19	17°♄01'50	
desc. node	6448 Jan 21 03:49	29°♄46'17	evening set	6450 Jun 20 13:21	12°♄24'19	
	6448 Jan 21 08:13	0°♁	inferior conj	6450 Jun 26 07:35	8°♄55'57 2°50'38	
max. Earth dist.	6448 Jan 25 07:16	4°♁57'24 1.71602 AU	minimum elong	6450 Jun 26 13:45	8°♄46'20 2°48'46	
			min. Earth dist.	6450 Jun 26 01:44	9°♄05'05 0.27927 AU	
superior conj	6448 Jan 27 19:42	8°♁06'36 -0°16'04	morning rise	6450 Jul 02 14:47	5°♄11'25	
minimum elong	6448 Jan 27 15:41	7°♁53'59 0°15'51	desc. node	6450 Jul 07 23:12	2°♄43'37	
behind sun begin	6448 Jan 27 10:14	7°♁36'55	direct	6450 Jul 17 09:40	0°♄57'26	
behind sun end	6448 Jan 27 21:08	8°♁11'04	greatest brilliancy	6450 Jul 27 04:23	2°♄42'26 -4.8m	
	6448 Feb 14 06:42	0°♁		6450 Sep 03 05:58	0°♁	
evening rise	6448 Mar 08 05:18	28°♁48'48	morning max el	6450 Sep 04 06:06	0°♁57'29 45°45'52	
	6448 Mar 09 03:58	0°♄		6450 Oct 02 10:15	0°♄	
	6448 Apr 02 01:40	0°♄	asc. node	6450 Oct 28 23:44	29°♄52'11	
	6448 Apr 26 02:09	0°♁		6450 Oct 29 02:26	0°♁	
asc. node	6448 May 13 04:13	21°♄10'26		6450 Nov 23 14:19	0°♄	
	6448 May 20 08:16	0°♁		6450 Dec 18 09:30	0°♄	
	6448 Jun 13 23:10	0°♁		6451 Jan 11 18:28	0°♄	
	6448 Jul 09 03:37	0°♄		6451 Feb 04 21:19	0°♁	
	6448 Aug 04 07:24	0°♁	desc. node	6451 Feb 17 15:45	15°♁57'50	
desc. node	6448 Sep 01 20:45	0°♄18'42		6451 Feb 28 20:26	0°♁	
	6448 Sep 01 13:13	0°♄	morning set	6451 Mar 03 20:30	3°♁46'10	
evening max el	6448 Sep 07 01:41	5°♄23'17 45°36'30		6451 Mar 24 17:27	0°♄	
	6448 Oct 08 09:47	0°♄				
greatest brilliancy	6448 Oct 16 02:56	3°♄22'34 -4.7m	superior conj	6451 Apr 13 22:35	25°♄25'16 -1°27'23	
retrograde	6448 Oct 25 17:17	5°♄02'02	minimum elong	6451 Apr 13 21:46	25°♄22'42 1°27'24	
	6448 Nov 10 22:59	30°♄♄	max. Earth dist.	6451 Apr 16 01:16	28°♄04'29 1.71284 AU	
evening set	6448 Nov 12 03:14	29°♄18'51		6451 Apr 17 14:03	0°♄	
inferior conj	6448 Nov 15 23:21	26°♄57'40 -7°37'38		6451 May 11 12:11	0°♁	
minimum elong	6448 Nov 16 07:58	26°♄44'15 7°36'22	evening rise	6451 May 24 08:41	16°♄03'05	
min. Earth dist.	6448 Nov 16 18:52	26°♄27'15 0.28553 AU		6451 Jun 04 13:40	0°♁	
morning rise	6448 Nov 20 12:24	24°♄11'08	asc. node	6451 Jun 10 16:07	7°♄34'18	
direct	6448 Dec 07 09:20	18°♄44'01		6451 Jun 28 19:47	0°♁	
greatest brilliancy	6448 Dec 18 11:55	21°♄01'09 -4.8m		6451 Jul 23 07:38	0°♄	
asc. node	6448 Dec 23 21:19	23°♄32'16		6451 Aug 17 03:04	0°♁	
	6449 Jan 02 21:47	0°♄		6451 Sep 11 09:46	0°♄	
morning max el	6449 Jan 26 15:08	21°♄09'32 46°35'17	desc. node	6451 Sep 30 08:23	21°♄56'22	
	6449 Feb 04 04:38	0°♄		6451 Oct 07 10:44	0°♄	

	6451 Nov 03 21:40	0° Z			6454 Jun 19 05:18	0° G
evening max el	6451 Nov 19 02:32	15° Z 21'51	46°10'21			
	6451 Dec 05 08:14	0° \approx		superior conj	6454 Jun 26 23:01	9° G 36'25 -0°26'40
greatest brilliancy	6451 Dec 28 22:13	14° \approx 34'21	-4.8m	minimum elong	6454 Jun 27 05:01	9° G 55'01 0°26'26
retrograde	6452 Jan 07 12:43	16° \approx 17'19		max. Earth dist.	6454 Jun 29 23:57	13° G 22'33 1.72577 AU
asc. node	6452 Jan 21 09:14	12° \approx 31'42		asc. node	6454 Jul 08 04:01	23° G 29'37
evening set	6452 Jan 21 22:24	12° \approx 14'31			6454 Jul 13 10:15	0° Ω
inferior conj	6452 Jan 28 05:42	8° \approx 33'47	1°45'37	evening rise	6454 Aug 03 18:41	26° Ω 21'02
minimum elong	6452 Jan 28 01:41	8° \approx 39'57	1°44'22		6454 Aug 06 17:50	0° H
min. Earth dist.	6452 Jan 28 10:52	8° \approx 25'53	0.26931 AU		6454 Aug 31 04:10	0° $\underline{\text{L}}$
morning rise	6452 Feb 03 04:24	5° \approx 03'04			6454 Sep 24 18:08	0° M
direct	6452 Feb 17 21:48	0° \approx 45'08			6454 Oct 19 13:13	0° X
greatest brilliancy	6452 Feb 28 07:28	2° \approx 47'03	-4.9m	desc. node	6454 Oct 27 20:14	9° X 57'46
	6452 Apr 04 17:17	0° H			6454 Nov 13 15:12	0° Z
morning max el	6452 Apr 08 10:21	3° H 41'40	46°59'11		6454 Dec 09 02:47	0° \approx
	6452 May 02 23:29	0° Y			6455 Jan 04 07:45	0° H
desc. node	6452 May 12 01:35	10° Y 17'37		evening max el	6455 Jan 30 22:15	28° H 30'29 46°59'28
	6452 May 29 01:23	0° B			6455 Feb 01 10:00	0° Y
	6452 Jun 23 08:14	0° II		asc. node	6455 Feb 17 20:56	15° Y 15'10
	6452 Jul 18 07:12	0° G		greatest brilliancy	6455 Mar 12 14:04	29° Y 42'36 -4.9m
	6452 Aug 12 02:16	0° Ω			6455 Mar 13 09:56	0° B
asc. node	6452 Sep 02 01:46	25° Ω 30'38		retrograde	6455 Mar 22 13:32	1° B 36'23
	6452 Sep 05 18:06	0° H			6455 Mar 31 08:39	30° R Y
	6452 Sep 30 06:20	0° $\underline{\text{L}}$		evening set	6455 Apr 09 13:56	25° Y 21'35
morning set	6452 Oct 08 00:10	9° $\underline{\text{L}}$ 31'01		inferior conj	6455 Apr 12 05:40	23° Y 44'06 9°07'41
	6452 Oct 24 15:03	0° M		minimum elong	6455 Apr 12 04:23	23° Y 46'05 9°07'38
max. Earth dist.	6452 Nov 11 06:58	21° M 50'15	1.72872 AU	min. Earth dist.	6455 Apr 11 21:31	23° Y 56'39 0.27142 AU
				morning rise	6455 Apr 14 18:55	22° Y 10'33
superior conj	6452 Nov 13 14:14	24° M 41'20	1°16'29	direct	6455 May 02 20:16	15° Y 57'16
minimum elong	6452 Nov 13 22:00	25° M 05'26	1°16'21	greatest brilliancy	6455 May 12 05:09	17° Y 37'07 -4.9m
	6452 Nov 17 21:08	0° X			6455 Jun 01 23:33	0° B
	6452 Dec 12 01:36	0° Z		desc. node	6455 Jun 09 13:25	6° B 22'23
evening rise	6452 Dec 21 14:45	11° Z 51'36		morning max el	6455 Jun 21 20:10	17° B 54'17 46°27'01
desc. node	6452 Dec 22 18:00	13° Z 16'16			6455 Jul 03 16:49	0° II
	6453 Jan 05 04:56	0° \approx			6455 Jul 31 02:34	0° G
	6453 Jan 29 07:18	0° H			6455 Aug 26 05:09	0° Ω
	6453 Feb 22 09:35	0° Y			6455 Sep 20 15:57	0° H
	6453 Mar 18 14:20	0° B		asc. node	6455 Sep 30 13:43	11° H 50'05
	6453 Apr 12 02:03	0° II			6455 Oct 15 15:35	0° $\underline{\text{L}}$
asc. node	6453 Apr 14 18:21	3° II 14'55			6455 Nov 09 06:23	0° M
	6453 May 07 03:50	0° G			6455 Dec 03 14:35	0° X
	6453 Jun 02 09:07	0° Ω		morning set	6455 Dec 17 06:00	16° X 55'24
evening max el	6453 Jun 25 20:19	24° Ω 39'45	45°59'51		6455 Dec 27 18:17	0° Z
	6453 Jul 01 09:38	0° H		desc. node	6456 Jan 20 05:50	29° Z 18'57
greatest brilliancy	6453 Aug 03 05:58	23° H 28'18	-4.7m		6456 Jan 20 18:58	0° \approx
desc. node	6453 Aug 04 11:02	23° H 54'42		max. Earth dist.	6456 Jan 22 16:40	2° \approx 22'56 1.71637 AU
retrograde	6453 Aug 14 05:15	25° H 40'06				
evening set	6453 Aug 30 11:42	20° H 35'27		superior conj	6456 Jan 25 07:55	5° \approx 40'51 -0°12'19
inferior conj	6453 Sep 04 18:25	17° H 22'33	-6°35'03	minimum elong	6456 Jan 25 04:50	5° \approx 31'12 0°12'07
minimum elong	6453 Sep 04 08:37	17° H 37'56	6°33'12	behind sun begin	6456 Jan 24 11:48	4° \approx 37'54
min. Earth dist.	6453 Sep 04 07:41	17° H 39'23	0.29034 AU	behind sun end	6456 Jan 25 21:52	6° \approx 24'32
morning rise	6453 Sep 09 05:39	14° H 37'52			6456 Feb 13 17:30	0° H
direct	6453 Sep 26 06:28	9° H 07'16		evening rise	6456 Mar 05 16:30	26° H 19'06
greatest brilliancy	6453 Oct 06 10:06	10° H 58'21	-4.7m		6456 Mar 08 14:50	0° Y
	6453 Nov 04 05:59	0° $\underline{\text{L}}$			6456 Apr 01 12:36	0° B
morning max el	6453 Nov 14 05:23	9° $\underline{\text{L}}$ 13'39	45°50'48		6456 Apr 25 13:15	0° II
asc. node	6453 Nov 25 11:35	20° $\underline{\text{L}}$ 32'54		asc. node	6456 May 12 06:18	20° II 42'09
	6453 Dec 04 09:15	0° M			6456 May 19 19:38	0° G
	6453 Dec 30 23:39	0° X			6456 Jun 13 11:03	0° Ω
	6454 Jan 25 05:44	0° Z			6456 Jul 08 16:29	0° H
	6454 Feb 18 20:01	0° \approx			6456 Aug 03 22:21	0° $\underline{\text{L}}$
	6454 Mar 15 01:52	0° H		desc. node	6456 Aug 31 22:41	29° $\underline{\text{L}}$ 32'38
desc. node	6454 Mar 17 03:38	2° H 34'42			6456 Sep 01 09:50	0° M
	6454 Apr 08 03:15	0° Y		evening max el	6456 Sep 04 17:05	3° M 12'02 45°36'14
	6454 May 02 02:53	0° B			6456 Oct 10 14:27	0° X
morning set	6454 May 19 00:34	21° B 07'50		greatest brilliancy	6456 Oct 13 17:27	1° X 10'43 -4.7m
	6454 May 26 03:03	0° II		retrograde	6456 Oct 23 07:54	2° X 50'11

	6456 Nov 04 08:59	30°♍		superior conj	6459 Apr 11 09:30	22°♍55'05	-1°27'10
evening set	6456 Nov 09 21:04	27°♍03'14		minimum elong	6459 Apr 11 07:35	22°♍49'03	1°27'11
inferior conj	6456 Nov 13 14:52	24°♍45'12	-7°46'48	max. Earth dist.	6459 Apr 13 03:42	25°♍07'40	1.71260 AU
minimum elong	6456 Nov 13 22:59	24°♍32'31	7°45'42		6459 Apr 17 00:46	0°♌	
min. Earth dist.	6456 Nov 14 09:40	24°♍15'50	0.28607 AU		6459 May 10 22:52	0°♍	
morning rise	6456 Nov 18 00:38	22°♍03'06		evening rise	6459 May 21 20:46	13°♍37'45	
direct	6456 Dec 05 01:26	16°♍31'07			6459 Jun 04 00:23	0°♎	
greatest brilliancy	6456 Dec 16 03:06	18°♍46'55	-4.8m	asc. node	6459 Jun 09 18:10	7°♎07'27	
asc. node	6456 Dec 22 23:24	22°♍05'54			6459 Jun 28 06:36	0°♏	
	6457 Jan 03 11:51	0°♐			6459 Jul 22 18:41	0°♐	
morning max el	6457 Jan 24 05:30	18°♐50'40	46°33'38		6459 Aug 16 14:35	0°♑	
	6457 Feb 03 23:25	0°♑			6459 Sep 10 22:13	0°♒	
	6457 Mar 02 17:41	0°♒		desc. node	6459 Sep 29 10:23	21°♒23'04	
	6457 Mar 28 01:33	0°♓			6459 Oct 07 01:01	0°♓	
desc. node	6457 Apr 13 15:37	20°♓05'15			6459 Nov 03 16:10	0°♔	
	6457 Apr 21 18:24	0°♕		evening max el	6459 Nov 16 15:38	13°♔01'55	46°08'34
	6457 May 16 04:20	0°♖			6459 Dec 05 19:49	0°♕	
	6457 Jun 09 11:51	0°♗		greatest brilliancy	6459 Dec 26 11:28	12°♕11'44	-4.8m
	6457 Jul 03 19:25	0°♘		retrograde	6460 Jan 05 01:35	13°♕54'34	
	6457 Jul 28 03:50	0°♙		evening set	6460 Jan 19 11:22	9°♕51'08	
morning set	6457 Jul 29 05:41	1°♙19'33		asc. node	6460 Jan 20 11:07	9°♕19'04	
asc. node	6457 Aug 04 15:48	9°♙13'51		inferior conj	6460 Jan 25 18:47	6°♕10'32	1°22'04
	6457 Aug 21 12:41	0°♚		minimum elong	6460 Jan 25 15:38	6°♕15'21	1°21'05
				min. Earth dist.	6460 Jan 26 01:12	6°♕00'43	0.26965 AU
superior conj	6457 Sep 04 08:30	17°♚01'17	1°05'04	morning rise	6460 Jan 31 19:20	2°♕37'32	
minimum elong	6457 Sep 03 23:23	16°♚33'15	1°04'45		6460 Feb 06 12:06	30°♕	
max. Earth dist.	6457 Sep 04 09:04	17°♚03'04	1.73387 AU	direct	6460 Feb 15 11:08	28°♚20'56	
	6457 Sep 14 21:24	0°♛			6460 Feb 24 18:56	0°♖	
	6457 Oct 09 06:00	0°♜		greatest brilliancy	6460 Feb 25 22:45	0°♖24'56	-4.9m
evening rise	6457 Oct 10 12:44	1°♜34'36			6460 Apr 04 16:49	0°♗	
	6457 Nov 02 15:11	0°♘		morning max el	6460 Apr 06 00:29	1°♗19'30	46°59'20
desc. node	6457 Nov 24 08:08	26°♘39'17			6460 May 02 15:54	0°♙	
	6457 Nov 27 01:36	0°♚		desc. node	6460 May 11 03:41	9°♙39'39	
	6457 Dec 21 13:29	0°♛			6460 May 28 15:12	0°♛	
	6458 Jan 15 03:26	0°♜			6460 Jun 22 20:43	0°♗	
	6458 Feb 08 22:14	0°♕			6460 Jul 17 18:52	0°♘	
	6458 Mar 06 05:42	0°♖			6460 Aug 11 13:23	0°♙	
asc. node	6458 Mar 17 08:36	12°♖47'47		asc. node	6460 Sep 01 03:46	25°♙03'52	
	6458 Apr 01 21:18	0°♗			6460 Sep 05 04:51	0°♚	
evening max el	6458 Apr 13 11:32	12°♗06'12	46°52'43		6460 Sep 29 16:52	0°♛	
	6458 May 02 21:45	0°♘		morning set	6460 Oct 05 17:46	7°♛25'13	
greatest brilliancy	6458 May 23 05:41	12°♘40'22	-4.8m		6460 Oct 24 01:30	0°♜	
retrograde	6458 Jun 02 19:58	14°♘45'53		max. Earth dist.	6460 Nov 09 03:17	19°♜52'04	1.72910 AU
evening set	6458 Jun 18 06:32	10°♘05'53					
inferior conj	6458 Jun 23 22:31	6°♘40'47	3°11'23	superior conj	6460 Nov 11 07:07	22°♜32'31	1°17'55
minimum elong	6458 Jun 24 05:20	6°♘30'08	3°09'20	minimum elong	6460 Nov 11 14:26	22°♜55'08	1°17'49
min. Earth dist.	6458 Jun 23 17:30	6°♘48'36	0.27890 AU		6460 Nov 17 07:39	0°♘	
morning rise	6458 Jun 30 04:41	2°♘57'19			6460 Dec 11 12:16	0°♚	
	6458 Jul 06 22:43	30°♕♍		evening rise	6460 Dec 19 05:21	9°♚34'37	
desc. node	6458 Jul 07 01:06	29°♍58'06		desc. node	6460 Dec 21 20:00	12°♚49'09	
direct	6458 Jul 14 23:46	28°♍42'47			6461 Jan 04 15:46	0°♛	
	6458 Jul 23 08:11	0°♘			6461 Jan 28 18:21	0°♜	
greatest brilliancy	6458 Jul 24 19:10	0°♘28'03	-4.8m		6461 Feb 21 20:56	0°♕	
morning max el	6458 Sep 01 20:07	28°♘42'41	45°46'35		6461 Mar 18 02:06	0°♖	
	6458 Sep 03 04:18	0°♙			6461 Apr 11 14:29	0°♗	
	6458 Oct 02 01:41	0°♚		asc. node	6461 Apr 13 20:27	2°♗43'23	
asc. node	6458 Oct 28 01:46	29°♚20'24			6461 May 06 17:29	0°♘	
	6458 Oct 28 15:27	0°♛			6461 Jun 02 01:22	0°♙	
	6458 Nov 23 02:12	0°♜		evening max el	6461 Jun 23 12:27	22°♙28'22	46°01'38
	6458 Dec 17 20:47	0°♘			6461 Jul 01 10:18	0°♚	
	6459 Jan 11 05:28	0°♚		greatest brilliancy	6461 Jul 31 21:00	21°♚17'39	-4.7m
	6459 Feb 04 08:10	0°♛		desc. node	6461 Aug 03 12:59	22°♚12'29	
desc. node	6459 Feb 16 17:36	15°♛29'50		retrograde	6461 Aug 11 22:18	23°♚31'11	
	6459 Feb 28 07:13	0°♜		evening set	6461 Aug 28 01:13	18°♚30'23	
morning set	6459 Mar 01 06:41	1°♜13'36		inferior conj	6461 Sep 02 10:41	15°♚13'33	-6°22'05
	6459 Mar 24 04:12	0°♕		minimum elong	6461 Sep 02 00:48	15°♚29'02	6°20'07
				min. Earth dist.	6461 Sep 01 22:58	15°♚31'55	0.29006 AU

morning rise	6461 Sep 07 00:37	12° \mathbb{M} 25'18		6464 Mar 08 01:53	0° Υ
direct	6461 Sep 23 22:51	6° \mathbb{M} 58'48		6464 Mar 31 23:47	0° \mathcal{B}
greatest brilliancy	6461 Oct 04 01:07	8° \mathbb{M} 49'09 -4.7m		6464 Apr 25 00:35	0° \mathbb{I}
	6461 Nov 04 08:04	0° $\underline{\mathcal{A}}$	asc. node	6464 May 11 08:18	20° \mathbb{I} 12'44
morning max el	6461 Nov 11 21:40	7° $\underline{\mathcal{A}}$ 04'35 45°49'47		6464 May 19 07:15	0° \mathcal{D}
asc. node	6461 Nov 24 13:40	19° $\underline{\mathcal{A}}$ 51'04		6464 Jun 12 23:13	0° \mathcal{Q}
	6461 Dec 04 01:36	0° \mathbb{M}		6464 Jul 08 05:42	0° \mathbb{M}
	6461 Dec 30 13:14	0° \mathcal{X}		6464 Aug 03 13:47	0° $\underline{\mathcal{A}}$
	6462 Jan 24 18:08	0° \mathcal{Z}	desc. node	6464 Aug 31 00:43	28° $\underline{\mathcal{A}}$ 45'15
	6462 Feb 18 07:47	0° \approx		6464 Sep 01 07:33	0° \mathbb{M}
	6462 Mar 14 13:16	0° \mathcal{H}	evening max el	6464 Sep 02 07:33	0° \mathbb{M} 57'43 45°36'04
desc. node	6462 Mar 16 05:42	2° \mathcal{H} 05'47	greatest brilliancy	6464 Oct 11 08:23	28° \mathbb{M} 58'36 -4.7m
	6462 Apr 07 14:23	0° Υ		6464 Oct 15 02:17	0° \mathcal{X}
	6462 May 01 13:50	0° \mathcal{B}	retrograde	6464 Oct 20 22:23	0° \mathcal{X} 37'56
morning set	6462 May 16 13:12	18° \mathcal{B} 43'26		6464 Oct 26 14:40	30° \mathcal{R} \mathbb{M}
	6462 May 25 13:53	0° \mathbb{I}	evening set	6464 Nov 07 14:48	24° \mathbb{M} 47'15
	6462 Jun 18 16:03	0° \mathcal{D}	inferior conj	6464 Nov 11 06:24	22° \mathbb{M} 32'21 -7°55'18
			minimum elong	6464 Nov 11 14:00	22° \mathbb{M} 20'27 7°54'20
superior conj	6462 Jun 24 13:29	7° \mathcal{D} 19'08 -0°30'04	min. Earth dist.	6464 Nov 12 00:46	22° \mathbb{M} 03'37 0.28657 AU
minimum elong	6462 Jun 24 20:11	7° \mathcal{D} 39'56 0°29'47	morning rise	6464 Nov 15 12:56	19° \mathbb{M} 54'41
max. Earth dist.	6462 Jun 27 17:18	11° \mathcal{D} 14'20 1.72533 AU	direct	6464 Dec 02 17:00	14° \mathbb{M} 17'43
asc. node	6462 Jul 07 05:55	23° \mathcal{D} 02'27	greatest brilliancy	6464 Dec 13 18:44	16° \mathbb{M} 32'52 -4.8m
	6462 Jul 12 20:56	0° \mathcal{Q}	asc. node	6464 Dec 22 01:15	20° \mathbb{M} 41'30
evening rise	6462 Aug 01 11:43	24° \mathcal{Q} 12'42		6465 Jan 03 22:28	0° \mathcal{X}
	6462 Aug 06 04:32	0° \mathbb{M}	morning max el	6465 Jan 21 19:11	16° \mathcal{X} 29'39 46°32'06
	6462 Aug 30 15:00	0° $\underline{\mathcal{A}}$		6465 Feb 03 17:52	0° \mathcal{Z}
	6462 Sep 24 05:15	0° \mathbb{M}		6465 Mar 02 08:26	0° \approx
	6462 Oct 19 00:51	0° \mathcal{X}		6465 Mar 27 14:44	0° \mathcal{H}
desc. node	6462 Oct 26 22:20	9° \mathcal{X} 28'35	desc. node	6465 Apr 12 17:42	19° \mathcal{H} 33'16
	6462 Nov 13 03:39	0° \mathcal{Z}		6465 Apr 21 06:45	0° Υ
	6462 Dec 08 16:39	0° \approx		6465 May 15 16:09	0° \mathcal{B}
	6463 Jan 04 00:21	0° \mathcal{H}		6465 Jun 08 23:16	0° \mathbb{I}
evening max el	6463 Jan 28 12:59	26° \mathcal{H} 09'21 46°58'17		6465 Jul 03 06:32	0° \mathcal{D}
	6463 Feb 01 09:57	0° Υ	morning set	6465 Jul 26 22:03	29° \mathcal{D} 08'34
asc. node	6463 Feb 16 22:57	14° Υ 05'34		6465 Jul 27 14:45	0° \mathcal{Q}
greatest brilliancy	6463 Mar 10 02:46	27° Υ 15'45 -4.9m	asc. node	6465 Aug 03 17:48	8° \mathcal{Q} 46'32
retrograde	6463 Mar 20 02:54	29° Υ 09'38		6465 Aug 20 23:30	0° \mathbb{M}
evening set	6463 Apr 07 00:51	22° Υ 58'18			
inferior conj	6463 Apr 09 18:27	21° Υ 17'53 9°06'01	superior conj	6465 Sep 02 02:05	14° \mathbb{M} 54'30 1°02'54
minimum elong	6463 Apr 09 16:13	21° Υ 21'20 9°05'56	minimum elong	6465 Sep 01 16:53	14° \mathbb{M} 26'11 1°02'35
min. Earth dist.	6463 Apr 09 09:34	21° Υ 31'34 0.27117 AU	max. Earth dist.	6465 Sep 02 02:58	14° \mathbb{M} 57'14 1.73381 AU
morning rise	6463 Apr 12 07:41	19° Υ 44'20		6465 Sep 14 08:11	0° $\underline{\mathcal{A}}$
direct	6463 Apr 30 09:30	13° Υ 31'42	evening rise	6465 Oct 08 06:15	29° $\underline{\mathcal{A}}$ 27'18
greatest brilliancy	6463 May 09 16:57	15° Υ 10'33 -4.9m		6465 Oct 08 16:53	0° \mathbb{M}
	6463 Jun 02 11:33	0° \mathcal{B}		6465 Nov 02 02:15	0° \mathcal{X}
desc. node	6463 Jun 08 15:22	5° \mathcal{B} 20'52	desc. node	6465 Nov 23 10:04	26° \mathcal{X} 10'31
morning max el	6463 Jun 19 09:34	15° \mathcal{B} 32'10 46°28'33		6465 Nov 26 12:58	0° \mathcal{Z}
	6463 Jul 03 11:50	0° \mathbb{I}		6465 Dec 21 01:16	0° \approx
	6463 Jul 30 17:24	0° \mathcal{D}		6466 Jan 14 15:50	0° \mathcal{H}
	6463 Aug 25 18:06	0° \mathcal{Q}		6466 Feb 08 11:35	0° Υ
	6463 Sep 20 03:52	0° \mathbb{M}		6466 Mar 05 20:45	0° \mathcal{B}
asc. node	6463 Sep 29 15:47	11° \mathbb{M} 21'18	asc. node	6466 Mar 16 10:39	12° \mathcal{B} 07'26
	6463 Oct 15 02:55	0° $\underline{\mathcal{A}}$		6466 Apr 01 16:23	0° \mathbb{I}
	6463 Nov 08 17:23	0° \mathbb{M}	evening max el	6466 Apr 11 00:35	9° \mathbb{I} 41'55 46°53'54
	6463 Dec 03 01:25	0° \mathcal{X}		6466 May 03 10:55	0° \mathcal{D}
morning set	6463 Dec 14 21:25	14° \mathcal{X} 40'41	greatest brilliancy	6466 May 20 22:07	10° \mathcal{D} 23'24 -4.8m
	6463 Dec 27 05:04	0° \mathcal{Z}	retrograde	6466 May 31 10:31	12° \mathcal{D} 27'43
desc. node	6464 Jan 19 07:45	28° \mathcal{Z} 51'04	evening set	6466 Jun 15 23:32	7° \mathcal{D} 44'37
max. Earth dist.	6464 Jan 20 01:51	29° \mathcal{Z} 47'39 1.71679 AU	inferior conj	6466 Jun 21 13:10	4° \mathcal{D} 23'11 3°32'05
	6464 Jan 20 05:48	0° \approx	minimum elong	6466 Jun 21 20:38	4° \mathcal{D} 11'33 3°29'52
			min. Earth dist.	6466 Jun 21 09:02	4° \mathcal{D} 29'37 0.27860 AU
superior conj	6464 Jan 22 20:24	3° \approx 15'47 -0°08'33	morning rise	6466 Jun 27 18:08	0° \mathcal{D} 41'16
minimum elong	6464 Jan 22 18:16	3° \approx 09'06 0°08'24		6466 Jun 29 01:31	30° \mathcal{R} \mathbb{I}
behind sun begin	6464 Jan 21 20:27	2° \approx 00'51	desc. node	6466 Jul 06 03:04	27° \mathbb{I} 14'53
behind sun end	6464 Jan 23 16:05	4° \approx 17'22	direct	6466 Jul 12 13:21	26° \mathbb{I} 25'28
	6464 Feb 13 04:26	0° \mathcal{H}	greatest brilliancy	6466 Jul 22 10:03	28° \mathbb{I} 11'37 -4.8m
evening rise	6464 Mar 03 03:35	23° \mathcal{H} 48'31		6466 Jul 26 20:24	0° \mathcal{D}

morning max el	6466 Aug 30 10:20	26°☾26'42	45°47'27		6469 Mar 17 14:12	0°♄	
	6466 Sep 03 02:23	0°♌			6469 Apr 11 03:14	0°♊	
	6466 Oct 01 17:22	0°♍		asc. node	6469 Apr 12 22:27	2°♊10'40	
asc. node	6466 Oct 27 03:47	28°♍47'27			6469 May 06 07:27	0°☾	
	6466 Oct 28 04:48	0°♌			6469 Jun 01 18:06	0°♌	
	6466 Nov 22 14:26	0°♍		evening max el	6469 Jun 21 05:02	20°♌17'32	46°03'17
	6466 Dec 17 08:27	0°♊			6469 Jul 01 12:34	0°♍	
	6467 Jan 10 16:50	0°☾		greatest brilliancy	6469 Jul 29 12:28	19°♍06'45	-4.8m
	6467 Feb 03 19:22	0°♋		desc. node	6469 Aug 02 15:02	20°♍25'52	
desc. node	6467 Feb 15 19:43	15°♋01'34		retrograde	6469 Aug 09 15:13	21°♍21'13	
morning set	6467 Feb 26 17:22	28°♋41'38		evening set	6469 Aug 25 14:53	16°♍24'25	
	6467 Feb 27 18:20	0°♋		min. Earth dist.	6469 Aug 30 14:18	13°♍23'26	0.28979 AU
	6467 Mar 23 15:14	0°♎		inferior conj	6469 Aug 31 02:58	13°♍03'36	-6°08'25
				minimum elong	6469 Aug 30 17:04	13°♍19'07	6°06'23
superior conj	6467 Apr 08 20:44	20°♎24'54	-1°26'46	morning rise	6469 Sep 04 19:34	10°♍11'36	
minimum elong	6467 Apr 08 17:43	20°♎15'25	1°26'47	direct	6469 Sep 21 15:31	4°♍49'30	
max. Earth dist.	6467 Apr 10 08:13	22°♎16'27	1.71241 AU	greatest brilliancy	6469 Oct 01 15:48	6°♍38'30	-4.7m
	6467 Apr 16 11:46	0°♄			6469 Nov 04 09:15	0°♌	
	6467 May 10 09:53	0°♊		morning max el	6469 Nov 09 13:38	4°♌53'45	45°48'41
evening rise	6467 May 19 08:56	11°♊11'36		asc. node	6469 Nov 23 15:33	19°♌08'11	
	6467 Jun 03 11:28	0°☾			6469 Dec 03 18:01	0°♍	
asc. node	6467 Jun 08 20:03	6°☾38'52			6469 Dec 30 03:01	0°♊	
	6467 Jun 27 17:50	0°♌			6470 Jan 24 06:44	0°☾	
	6467 Jul 22 06:11	0°♍			6470 Feb 17 19:46	0°♋	
	6467 Aug 16 02:36	0°♌			6470 Mar 14 00:52	0°♋	
	6467 Sep 10 11:14	0°♍		desc. node	6470 Mar 15 07:39	1°♋35'48	
desc. node	6467 Sep 28 12:28	20°♍48'25			6470 Apr 07 01:44	0°♎	
	6467 Oct 06 15:59	0°♊			6470 May 01 01:00	0°♄	
	6467 Nov 03 11:44	0°☾		morning set	6470 May 14 02:01	16°♄18'58	
evening max el	6467 Nov 14 05:19	10°☾42'16	46°06'50		6470 May 25 00:52	0°♊	
	6467 Dec 06 12:11	0°♋			6470 Jun 18 02:54	0°☾	
greatest brilliancy	6467 Dec 24 00:14	9°♋47'20	-4.8m				
retrograde	6468 Jan 02 14:50	11°♋30'20		superior conj	6470 Jun 22 04:13	5°☾02'14	-0°33'22
evening set	6468 Jan 17 00:29	7°♋26'08		minimum elong	6470 Jun 22 11:35	5°☾25'05	0°33'05
asc. node	6468 Jan 19 13:12	6°♋01'39		max. Earth dist.	6470 Jun 25 12:45	9°☾12'11	1.72484 AU
inferior conj	6468 Jan 23 07:44	3°♋45'44	0°58'12	asc. node	6470 Jul 06 07:56	22°☾35'19	
minimum elong	6468 Jan 23 05:30	3°♋49'10	0°57'31		6470 Jul 12 07:43	0°♌	
min. Earth dist.	6468 Jan 23 15:09	3°♋34'24	0.26996 AU	evening rise	6470 Jul 30 04:57	22°♌04'40	
morning rise	6468 Jan 29 09:57	0°♋10'47			6470 Aug 05 15:22	0°♍	
	6468 Jan 29 17:59	30°♋☾			6470 Aug 30 02:00	0°♌	
direct	6468 Feb 13 00:50	25°☾55'22			6470 Sep 23 16:35	0°♍	
greatest brilliancy	6468 Feb 23 13:20	28°☾00'44	-4.9m		6470 Oct 18 12:43	0°♊	
	6468 Feb 28 00:50	0°♋		desc. node	6470 Oct 26 00:12	8°♊57'57	
morning max el	6468 Apr 03 15:15	28°♋58'07	46°59'36		6470 Nov 12 16:24	0°☾	
	6468 Apr 04 15:42	0°♋			6470 Dec 08 06:53	0°♋	
	6468 May 02 08:17	0°♎			6471 Jan 03 17:31	0°♋	
desc. node	6468 May 10 05:38	9°♎00'55		evening max el	6471 Jan 26 03:00	23°♋45'50	46°57'00
	6468 May 28 05:08	0°♄			6471 Feb 01 11:21	0°♎	
	6468 Jun 22 09:24	0°♊		asc. node	6471 Feb 16 01:00	12°♎53'27	
	6468 Jul 17 06:48	0°☾		greatest brilliancy	6471 Mar 07 16:01	24°♎48'56	-4.9m
	6468 Aug 11 00:50	0°♌		retrograde	6471 Mar 17 15:45	26°♎42'09	
asc. node	6468 Aug 31 05:51	24°♌36'11		evening set	6471 Apr 04 11:12	20°♎35'21	
	6468 Sep 04 15:58	0°♍		inferior conj	6471 Apr 07 07:13	18°♎51'09	9°03'19
	6468 Sep 29 03:47	0°♌		minimum elong	6471 Apr 07 04:02	18°♎56'05	9°03'10
morning set	6468 Oct 03 11:05	5°♌17'22		min. Earth dist.	6471 Apr 06 22:00	19°♎05'24	0.27089 AU
	6468 Oct 23 12:21	0°♍		morning rise	6471 Apr 09 20:57	17°♎16'43	
max. Earth dist.	6468 Nov 06 23:14	17°♍51'40	1.72944 AU	direct	6471 Apr 27 22:11	11°♎05'34	
				greatest brilliancy	6471 May 07 05:16	12°♎43'51	-4.9m
superior conj	6468 Nov 08 23:46	20°♍21'49	1°19'15		6471 Jun 02 20:35	0°♄	
minimum elong	6468 Nov 09 06:32	20°♍42'45	1°19'09	desc. node	6471 Jun 07 17:17	4°♄20'21	
	6468 Nov 16 18:33	0°♊		morning max el	6471 Jun 16 22:10	13°♄07'35	46°30'19
	6468 Dec 10 23:17	0°☾			6471 Jul 03 06:24	0°♊	
evening rise	6468 Dec 16 19:47	7°☾16'03			6471 Jul 30 08:01	0°☾	
desc. node	6468 Dec 20 21:53	12°☾20'36			6471 Aug 25 06:54	0°♌	
	6469 Jan 04 02:59	0°♋			6471 Sep 19 15:42	0°♍	
	6469 Jan 28 05:47	0°♋		asc. node	6471 Sep 28 17:44	10°♍52'20	
	6469 Feb 21 08:38	0°♎			6471 Oct 14 14:13	0°♌	

	6471 Nov 08 04:25	0°♌		greatest brilliancy	6474 May 18 13:58	8°♊06'06	-4.9m
	6471 Dec 02 12:20	0°♏		retrograde	6474 May 29 01:27	10°♊10'04	
morning set	6471 Dec 12 12:48	12°♏25'35		evening set	6474 Jun 13 16:36	5°♊23'24	
	6471 Dec 26 15:57	0°♋		inferior conj	6474 Jun 19 03:44	2°♊05'53	3°52'26
max. Earth dist.	6472 Jan 17 11:10	27°♋12'39	1.71722 AU	minimum elong	6474 Jun 19 11:48	1°♊53'21	3°50'06
desc. node	6472 Jan 18 09:50	28°♋23'31		min. Earth dist.	6474 Jun 19 00:14	2°♊11'20	0.27828 AU
	6472 Jan 19 16:42	0°♌			6474 Jun 22 13:47	30°♏♐	
				morning rise	6474 Jun 25 07:21	28°♐26'02	
superior conj	6472 Jan 20 08:51	0°♌50'29 -0°04'46		desc. node	6474 Jul 05 05:12	24°♐37'17	
minimum elong	6472 Jan 20 07:40	0°♌46'47 0°04'41		direct	6474 Jul 10 03:02	24°♐08'21	
behind sun begin	6472 Jan 19 07:24	29°♋30'55		greatest brilliancy	6474 Jul 20 00:35	25°♐55'23	-4.8m
behind sun end	6472 Jan 21 07:55	2°♌02'39			6474 Jul 28 19:17	0°♊	
	6472 Feb 12 15:25	0°♏		morning max el	6474 Aug 28 01:32	24°♊13'49	45°48'30
evening rise	6472 Feb 29 14:38	21°♏17'45			6474 Sep 02 23:20	0°♏	
	6472 Mar 07 12:58	0°♐			6474 Oct 01 08:28	0°♐	
	6472 Mar 31 10:59	0°♏		asc. node	6474 Oct 26 05:41	28°♐15'26	
	6472 Apr 24 11:58	0°♐			6474 Oct 27 17:40	0°♐	
asc. node	6472 May 10 10:12	19°♐42'57			6474 Nov 22 02:15	0°♌	
	6472 May 18 18:56	0°♊			6474 Dec 16 19:43	0°♏	
	6472 Jun 12 11:25	0°♏			6475 Jan 10 03:51	0°♋	
	6472 Jul 07 18:56	0°♐			6475 Feb 03 06:18	0°♌	
	6472 Aug 03 05:18	0°♐		desc. node	6475 Feb 14 21:44	14°♌33'47	
desc. node	6472 Aug 30 02:46	27°♐57'49		morning set	6475 Feb 24 03:54	26°♌09'58	
evening max el	6472 Aug 30 21:31	28°♐42'54 45°36'01			6475 Feb 27 05:13	0°♏	
	6472 Sep 01 05:51	0°♌			6475 Mar 23 02:05	0°♐	
greatest brilliancy	6472 Oct 08 23:09	26°♌47'16	-4.7m				
retrograde	6472 Oct 18 13:14	28°♌27'04		superior conj	6475 Apr 06 07:23	17°♐53'24 -1°26'11	
evening set	6472 Nov 05 08:31	22°♌32'36		minimum elong	6475 Apr 06 03:18	17°♐40'35 1°26'11	
inferior conj	6472 Nov 08 22:11	20°♌20'38	-8°02'49	max. Earth dist.	6475 Apr 07 13:35	19°♐28'23 1.71225 AU	
minimum elong	6472 Nov 09 05:13	20°♌09'37 8°02'00			6475 Apr 15 22:35	0°♏	
min. Earth dist.	6472 Nov 09 16:06	19°♌52'36 0.28711 AU			6475 May 09 20:42	0°♐	
morning rise	6472 Nov 13 01:39	17°♌47'23		evening rise	6475 May 16 20:35	8°♐44'27	
direct	6472 Nov 30 08:33	12°♌05'13			6475 Jun 02 22:19	0°♊	
greatest brilliancy	6472 Dec 11 11:03	14°♌20'27	-4.8m	asc. node	6475 Jun 07 22:07	6°♊11'37	
asc. node	6472 Dec 21 03:19	19°♌20'35			6475 Jun 27 04:49	0°♏	
	6473 Jan 04 06:08	0°♏			6475 Jul 21 17:26	0°♐	
morning max el	6473 Jan 19 09:37	14°♏10'42 46°30'30			6475 Aug 15 14:22	0°♐	
	6473 Feb 03 11:52	0°♋			6475 Sep 09 23:59	0°♌	
	6473 Mar 01 22:59	0°♌		desc. node	6475 Sep 27 14:23	20°♌14'16	
	6473 Mar 27 03:47	0°♏			6475 Oct 06 06:44	0°♏	
desc. node	6473 Apr 11 19:39	19°♏01'14			6475 Nov 03 07:20	0°♋	
	6473 Apr 20 18:57	0°♐		evening max el	6475 Nov 11 20:05	8°♋27'00 46°05'12	
	6473 May 15 03:49	0°♏			6475 Dec 07 09:02	0°♌	
	6473 Jun 08 10:32	0°♐		greatest brilliancy	6475 Dec 21 12:59	7°♌25'10 -4.8m	
	6473 Jul 02 17:31	0°♊		retrograde	6475 Dec 31 04:16	9°♌08'13	
morning set	6473 Jul 24 14:31	26°♊58'16		evening set	6476 Jan 14 14:07	5°♌03'13	
	6473 Jul 27 01:31	0°♏		asc. node	6476 Jan 18 15:12	2°♌44'40	
asc. node	6473 Aug 02 19:53	8°♏19'59		inferior conj	6476 Jan 20 20:55	1°♌23'03 0°34'33	
	6473 Aug 20 10:08	0°♐		minimum elong	6476 Jan 20 19:35	1°♌25'06 0°34'10	
				min. Earth dist.	6476 Jan 21 05:07	1°♌10'31 0.27035 AU	
superior conj	6473 Aug 30 19:57	12°♐49'12 1°00'41			6476 Jan 23 03:31	30°♏♐	
minimum elong	6473 Aug 30 10:43	12°♐20'46 1°00'21		morning rise	6476 Jan 27 00:34	27°♋46'18	
max. Earth dist.	6473 Aug 30 21:22	12°♐53'35 1.73371 AU		direct	6476 Feb 10 15:11	23°♋32'05	
	6473 Sep 13 18:46	0°♐		greatest brilliancy	6476 Feb 21 03:43	25°♋37'55 -4.9m	
evening rise	6473 Oct 06 00:15	27°♐22'19			6476 Feb 29 21:11	0°♌	
	6473 Oct 08 03:31	0°♌		morning max el	6476 Apr 01 06:11	26°♌38'02 46°59'26	
	6473 Nov 01 13:05	0°♏			6476 Apr 04 13:23	0°♏	
desc. node	6473 Nov 22 12:04	25°♏42'33			6476 May 02 00:11	0°♐	
	6473 Nov 26 00:08	0°♋		desc. node	6476 May 09 07:36	8°♐23'05	
	6473 Dec 20 12:56	0°♌			6476 May 27 18:45	0°♏	
	6474 Jan 14 04:10	0°♏			6476 Jun 21 21:48	0°♐	
	6474 Feb 08 00:55	0°♐			6476 Jul 16 18:26	0°♊	
	6474 Mar 05 11:54	0°♏			6476 Aug 10 11:57	0°♏	
asc. node	6474 Mar 15 12:37	11°♏26'42		asc. node	6476 Aug 30 07:44	24°♏09'00	
	6474 Apr 01 11:53	0°♐			6476 Sep 04 02:44	0°♐	
evening max el	6474 Apr 08 13:50	7°♐18'33 46°55'15			6476 Sep 28 14:20	0°♐	
	6474 May 04 04:17	0°♊		morning set	6476 Oct 01 04:34	3°♐11'09	

	6476 Oct 22 22:50	0°♌		morning rise	6479 Apr 07 11:02	14°♍50'33	
max. Earth dist.	6476 Nov 04 17:56	15°♌48'38	1.72972 AU	direct	6479 Apr 25 10:35	8°♍41'22	
				greatest brilliancy	6479 May 04 18:30	10°♍19'51	-4.9m
superior conj	6476 Nov 06 16:52	18°♌13'45	1°20'27		6479 Jun 03 02:36	0°♌	
minimum elong	6476 Nov 06 23:04	18°♌32'55	1°20'23	desc. node	6479 Jun 06 19:28	3°♌23'03	
	6476 Nov 16 05:04	0°♌		morning max el	6479 Jun 14 10:30	10°♌43'04	46°31'47
	6476 Dec 10 09:54	0°♌			6479 Jul 03 00:13	0°♌	
evening rise	6476 Dec 14 10:46	5°♌00'32			6479 Jul 29 22:17	0°♌	
desc. node	6476 Dec 20 00:01	11°♌54'06			6479 Aug 24 19:30	0°♌	
	6477 Jan 03 13:45	0°♌			6479 Sep 19 03:22	0°♌	
	6477 Jan 27 16:48	0°♌		asc. node	6479 Sep 27 19:42	10°♌23'57	
	6477 Feb 20 19:59	0°♌			6479 Oct 14 01:21	0°♌	
	6477 Mar 17 02:01	0°♌			6479 Nov 07 15:15	0°♌	
	6477 Apr 10 15:47	0°♌			6479 Dec 01 23:01	0°♌	
asc. node	6477 Apr 12 00:20	1°♌38'17		morning set	6479 Dec 10 04:08	10°♌11'01	
	6477 May 05 21:20	0°♌			6479 Dec 26 02:37	0°♌	
	6477 Jun 01 10:59	0°♌		max. Earth dist.	6480 Jan 14 22:20	24°♌44'04	1.71764 AU
evening max el	6477 Jun 18 21:27	18°♌06'33	46°05'01	desc. node	6480 Jan 17 11:50	27°♌56'14	
	6477 Jul 01 16:14	0°♌					
greatest brilliancy	6477 Jul 27 04:36	16°♌56'59	-4.8m	superior conj	6480 Jan 17 21:29	28°♌26'26	-0°00'59
desc. node	6477 Aug 01 17:02	18°♌35'41		minimum elong	6480 Jan 17 21:15	28°♌25'44	0°00'56
retrograde	6477 Aug 07 07:41	19°♌11'24		behind sun begin	6480 Jan 16 20:16	27°♌07'36	
evening set	6477 Aug 23 04:34	14°♌18'45		behind sun end	6480 Jan 18 22:15	29°♌43'53	
min. Earth dist.	6477 Aug 28 05:52	11°♌14'53	0.28945 AU		6480 Jan 19 03:24	0°♌	
inferior conj	6477 Aug 28 19:06	10°♌54'06	-5°54'16		6480 Feb 12 02:11	0°♌	
minimum elong	6477 Aug 28 09:14	11°♌09'35	5°52'09	evening rise	6480 Feb 27 02:03	18°♌49'01	
morning rise	6477 Sep 02 14:17	7°♌58'15			6480 Mar 06 23:49	0°♌	
direct	6477 Sep 19 07:51	2°♌40'48			6480 Mar 30 21:56	0°♌	
greatest brilliancy	6477 Sep 29 06:23	4°♌28'16	-4.7m		6480 Apr 23 23:05	0°♌	
	6477 Nov 04 08:50	0°♌		asc. node	6480 May 09 12:17	19°♌14'30	
morning max el	6477 Nov 07 04:44	2°♌41'52	45°47'46		6480 May 18 06:22	0°♌	
asc. node	6477 Nov 22 17:36	18°♌27'22			6480 Jun 11 23:29	0°♌	
	6477 Dec 03 09:46	0°♌			6480 Jul 07 08:09	0°♌	
	6477 Dec 29 16:16	0°♌			6480 Aug 02 21:02	0°♌	
	6478 Jan 23 18:52	0°♌		evening max el	6480 Aug 28 11:32	26°♌28'07	45°36'02
	6478 Feb 17 07:18	0°♌		desc. node	6480 Aug 29 04:43	27°♌09'14	
	6478 Mar 13 12:02	0°♌			6480 Sep 01 05:11	0°♌	
desc. node	6478 Mar 14 09:37	1°♌07'11		greatest brilliancy	6480 Oct 06 13:18	24°♌34'56	-4.7m
	6478 Apr 06 12:42	0°♌		retrograde	6480 Oct 16 04:22	26°♌15'55	
	6478 Apr 30 11:51	0°♌		evening set	6480 Nov 03 01:50	20°♌17'45	
morning set	6478 May 11 14:29	13°♌54'12		inferior conj	6480 Nov 06 13:47	18°♌08'32	-8°09'36
	6478 May 24 11:37	0°♌		minimum elong	6480 Nov 06 20:12	17°♌58'30	8°08'57
	6478 Jun 17 13:33	0°♌		min. Earth dist.	6480 Nov 07 07:03	17°♌41'32	0.28763 AU
				morning rise	6480 Nov 10 14:18	15°♌39'46	
superior conj	6478 Jun 19 18:23	2°♌44'08	-0°36'41	direct	6480 Nov 28 00:03	9°♌52'18	
minimum elong	6478 Jun 20 02:23	3°♌08'58	0°36'23	greatest brilliancy	6480 Dec 09 03:07	12°♌07'50	-4.8m
max. Earth dist.	6478 Jun 23 06:31	7°♌05'21	1.72435 AU	asc. node	6480 Dec 20 05:24	18°♌02'14	
asc. node	6478 Jul 05 09:59	22°♌08'50			6481 Jan 04 11:28	0°♌	
	6478 Jul 11 18:19	0°♌		morning max el	6481 Jan 17 00:48	11°♌54'03	46°28'58
evening rise	6478 Jul 27 21:31	19°♌55'02			6481 Feb 03 05:21	0°♌	
	6478 Aug 05 01:59	0°♌			6481 Mar 01 13:16	0°♌	
	6478 Aug 29 12:47	0°♌			6481 Mar 26 16:38	0°♌	
	6478 Sep 23 03:42	0°♌		desc. node	6481 Apr 10 21:38	18°♌29'48	
	6478 Oct 18 00:23	0°♌			6481 Apr 20 06:58	0°♌	
desc. node	6478 Oct 25 02:14	8°♌28'28			6481 May 14 15:17	0°♌	
	6478 Nov 12 04:57	0°♌			6481 Jun 07 21:38	0°♌	
	6478 Dec 07 20:58	0°♌			6481 Jul 02 04:21	0°♌	
	6479 Jan 03 10:38	0°♌		morning set	6481 Jul 22 07:00	24°♌48'12	
evening max el	6479 Jan 23 16:20	21°♌21'56	46°55'50		6481 Jul 26 12:12	0°♌	
	6479 Feb 01 13:33	0°♌		asc. node	6481 Aug 01 21:46	7°♌53'02	
asc. node	6479 Feb 15 02:56	11°♌40'38			6481 Aug 19 20:43	0°♌	
greatest brilliancy	6479 Mar 05 05:56	22°♌24'42	-4.9m				
retrograde	6479 Mar 15 04:29	24°♌16'53		superior conj	6481 Aug 28 13:37	10°♌43'14	0°58'21
evening set	6479 Apr 01 21:21	18°♌15'18		minimum elong	6481 Aug 28 04:24	10°♌14'51	0°58'00
inferior conj	6479 Apr 04 20:17	16°♌26'39	8°59'36	max. Earth dist.	6481 Aug 28 16:46	10°♌52'55	1.73367 AU
minimum elong	6479 Apr 04 16:09	16°♌33'03	8°59'20		6481 Sep 13 05:22	0°♌	
min. Earth dist.	6479 Apr 04 11:00	16°♌41'01	0.27065 AU	evening rise	6481 Oct 03 18:02	25°♌16'32	

	6481 Oct 07 14:12	0°♍	direct	6484 Feb 08 05:18	21°♊07'47	
	6481 Oct 31 23:59	0°♊	greatest brilliancy	6484 Feb 18 17:59	23°♊13'47	-4.9m
desc. node	6481 Nov 21 14:08	25°♊14'35		6484 Mar 02 04:00	0°♊	
	6481 Nov 25 11:23	0°♊	morning max el	6484 Mar 29 20:17	24°♊15'01	46°59'15
	6481 Dec 20 00:41	0°♊		6484 Apr 04 10:34	0°♊	
	6482 Jan 13 16:35	0°♊		6484 May 01 16:04	0°♊	
	6482 Feb 07 14:23	0°♊	desc. node	6484 May 08 09:44	7°♊45'25	
	6482 Mar 05 03:17	0°♊		6484 May 27 08:29	0°♊	
asc. node	6482 Mar 14 14:36	10°♊45'36		6484 Jun 21 10:22	0°♊	
	6482 Apr 01 07:59	0°♊		6484 Jul 16 06:16	0°♊	
evening max el	6482 Apr 06 04:14	4°♊58'11 46°56'40		6484 Aug 09 23:16	0°♊	
	6482 May 05 03:43	0°♊	asc. node	6484 Aug 29 09:45	23°♊41'26	
greatest brilliancy	6482 May 16 05:24	5°♊48'34 -4.9m		6484 Sep 03 13:43	0°♊	
retrograde	6482 May 26 16:56	7°♊52'44		6484 Sep 28 01:09	0°♊	
evening set	6482 Jun 11 09:53	3°♊02'20	morning set	6484 Sep 28 22:15	1°♊04'49	
	6482 Jun 16 11:09	30°♊		6484 Oct 22 09:37	0°♊	
inferior conj	6482 Jun 16 18:23	29°♊48'46 4°12'21	max. Earth dist.	6484 Nov 02 11:19	13°♊40'36 1.73006 AU	
minimum elong	6482 Jun 17 02:59	29°♊35'25 4°09'56				
min. Earth dist.	6482 Jun 16 15:06	29°♊53'52 0.27798 AU	superior conj	6484 Nov 04 10:05	16°♊05'11 1°21'31	
morning rise	6482 Jun 22 20:29	26°♊11'27	minimum elong	6484 Nov 04 15:42	16°♊22'32 1°21'29	
desc. node	6482 Jul 04 07:07	22°♊05'40		6484 Nov 15 15:55	0°♊	
direct	6482 Jul 07 17:17	21°♊51'34		6484 Dec 09 20:55	0°♊	
greatest brilliancy	6482 Jul 17 14:32	23°♊38'50 -4.8m	evening rise	6484 Dec 12 01:36	2°♊43'25	
	6482 Jul 30 02:41	0°♊	desc. node	6484 Dec 19 01:59	11°♊25'49	
morning max el	6482 Aug 25 17:32	22°♊02'56 45°49'22		6485 Jan 03 00:57	0°♊	
	6482 Sep 02 19:34	0°♊		6485 Jan 27 04:14	0°♊	
	6482 Sep 30 23:27	0°♊		6485 Feb 20 07:45	0°♊	
asc. node	6482 Oct 25 07:46	27°♊43'36		6485 Mar 16 14:14	0°♊	
	6482 Oct 27 06:37	0°♊		6485 Apr 10 04:45	0°♊	
	6482 Nov 21 14:13	0°♊	asc. node	6485 Apr 11 02:27	1°♊05'24	
	6482 Dec 16 07:11	0°♊		6485 May 05 11:41	0°♊	
	6483 Jan 09 15:04	0°♊		6485 Jun 01 04:34	0°♊	
	6483 Feb 02 17:23	0°♊	evening max el	6485 Jun 16 13:22	15°♊53'16 46°06'43	
desc. node	6483 Feb 13 23:37	14°♊05'10		6485 Jul 01 22:14	0°♊	
morning set	6483 Feb 21 14:30	23°♊38'11	greatest brilliancy	6485 Jul 24 21:22	14°♊47'03 -4.8m	
	6483 Feb 26 16:14	0°♊	desc. node	6485 Jul 31 19:01	16°♊40'45	
	6483 Mar 22 13:03	0°♊	retrograde	6485 Aug 04 23:48	17°♊00'55	
			evening set	6485 Aug 20 18:30	12°♊12'16	
superior conj	6483 Apr 03 17:59	15°♊21'17 -1°25'26	inferior conj	6485 Aug 26 11:22	8°♊44'08 -5°39'39	
minimum elong	6483 Apr 03 12:53	15°♊05'13 1°25'24	minimum elong	6485 Aug 26 01:36	8°♊59'29 5°37'28	
max. Earth dist.	6483 Apr 04 21:47	16°♊48'43 1.71210 AU	min. Earth dist.	6485 Aug 25 21:56	9°♊05'15 0.28909 AU	
	6483 Apr 15 09:32	0°♊	morning rise	6485 Aug 31 09:06	5°♊44'21	
	6483 May 09 07:40	0°♊	direct	6485 Sep 16 23:48	0°♊31'34	
evening rise	6483 May 14 08:16	6°♊16'52	greatest brilliancy	6485 Sep 26 21:32	2°♊17'56 -4.7m	
	6483 Jun 02 09:20	0°♊		6485 Nov 04 07:43	0°♊	
asc. node	6483 Jun 07 00:08	5°♊43'41	morning max el	6485 Nov 04 19:07	0°♊27'23 45°46'52	
	6483 Jun 26 15:57	0°♊	asc. node	6485 Nov 21 19:39	17°♊46'08	
	6483 Jul 21 04:50	0°♊		6485 Dec 03 01:36	0°♊	
	6483 Aug 15 02:20	0°♊		6485 Dec 29 05:49	0°♊	
	6483 Sep 09 13:02	0°♊		6486 Jan 23 07:23	0°♊	
desc. node	6483 Sep 26 16:24	19°♊39'26		6486 Feb 16 19:16	0°♊	
	6483 Oct 05 21:58	0°♊		6486 Mar 12 23:40	0°♊	
	6483 Nov 03 04:01	0°♊	desc. node	6486 Mar 13 11:42	0°♊37'27	
evening max el	6483 Nov 09 11:16	6°♊11'42 46°03'22		6486 Apr 06 00:06	0°♊	
	6483 Dec 08 14:39	0°♊		6486 Apr 29 23:04	0°♊	
greatest brilliancy	6483 Dec 19 02:08	5°♊02'18 -4.8m	morning set	6486 May 09 02:37	11°♊27'12	
retrograde	6483 Dec 28 17:21	6°♊44'38		6486 May 23 22:42	0°♊	
evening set	6484 Jan 12 03:54	2°♊38'57				
	6484 Jan 16 18:13	30°♊	superior conj	6486 Jun 17 08:32	0°♊24'51 -0°39'57	
asc. node	6484 Jan 17 17:07	29°♊25'06	minimum elong	6486 Jun 17 17:06	0°♊51'30 0°39'36	
inferior conj	6484 Jan 18 10:02	28°♊59'13 0°10'52		6486 Jun 17 00:32	0°♊	
minimum elong	6484 Jan 18 09:36	28°♊59'51 0°10'46	max. Earth dist.	6486 Jun 20 22:54	4°♊53'05 1.72383 AU	
transit middle	6484 Jan 18 09:36	28°♊59'51 0°10'46	asc. node	6486 Jul 04 11:53	21°♊40'47	
transit begin	6484 Jan 18 06:30	29°♊04'36		6486 Jul 11 05:16	0°♊	
transit end	6484 Jan 18 12:43	28°♊55'06	evening rise	6486 Jul 25 14:08	17°♊44'28	
min. Earth dist.	6484 Jan 18 19:11	28°♊45'11 0.27071 AU		6486 Aug 04 12:59	0°♊	
morning rise	6484 Jan 24 14:51	25°♊20'41		6486 Aug 28 23:57	0°♊	

	6486 Sep 22 15:10	0°♌		desc. node	6489 Apr 09 23:42	17°♋58'02	
	6486 Oct 17 12:24	0°♊			6489 Apr 19 19:13	0°♊	
desc. node	6486 Oct 24 04:21	7°♊58'12			6489 May 14 03:03	0°♋	
	6486 Nov 11 17:55	0°♋			6489 Jun 07 09:02	0°♌	
	6486 Dec 07 11:35	0°♌			6489 Jul 01 15:29	0°♍	
	6487 Jan 03 04:38	0°♋		morning set	6489 Jul 19 23:12	22°♍36'21	
evening max el	6487 Jan 21 04:52	18°♋54'32	46°54'22		6489 Jul 25 23:07	0°♎	
	6487 Feb 01 18:08	0°♊		asc. node	6489 Jul 31 23:48	7°♎25'47	
asc. node	6487 Feb 14 04:57	10°♊23'46			6489 Aug 19 07:32	0°♏	
greatest brilliancy	6487 Mar 02 19:39	19°♊57'46	-4.9m				
retrograde	6487 Mar 12 16:52	21°♊49'07		superior conj	6489 Aug 26 07:05	8°♏36'01	0°55'56
evening set	6487 Mar 30 06:43	15°♊53'10		minimum elong	6489 Aug 25 21:55	8°♏07'48	0°55'34
inferior conj	6487 Apr 02 09:04	13°♊59'35	8°54'47	max. Earth dist.	6489 Aug 26 14:02	8°♏57'25	1.73357 AU
minimum elong	6487 Apr 02 04:00	14°♊07'24	8°54'24		6489 Sep 12 16:09	0°♐	
min. Earth dist.	6487 Apr 01 23:56	14°♊13'40	0.27042 AU	evening rise	6489 Oct 01 11:57	23°♐10'36	
morning rise	6487 Apr 05 01:22	12°♊21'08			6489 Oct 07 01:04	0°♑	
direct	6487 Apr 22 22:29	6°♊14'20			6489 Oct 31 11:04	0°♊	
greatest brilliancy	6487 May 02 07:53	7°♊53'48	-4.9m	desc. node	6489 Nov 20 16:05	24°♊45'47	
	6487 Jun 03 07:19	0°♋			6489 Nov 24 22:48	0°♋	
desc. node	6487 Jun 05 21:23	2°♋24'53			6489 Dec 19 12:33	0°♌	
morning max el	6487 Jun 11 22:58	8°♋17'19	46°33'32		6490 Jan 13 05:08	0°♋	
	6487 Jul 02 18:05	0°♌			6490 Feb 07 03:59	0°♊	
	6487 Jul 29 12:45	0°♍			6490 Mar 04 18:57	0°♋	
	6487 Aug 24 08:21	0°♎		asc. node	6490 Mar 13 16:39	10°♋04'04	
asc. node	6487 Sep 18 15:19	0°♏			6490 Apr 01 04:53	0°♌	
	6487 Sep 26 21:45	9°♏54'53		evening max el	6490 Apr 03 19:26	2°♌39'20	46°57'42
	6487 Oct 13 12:46	0°♐			6490 May 06 13:13	0°♍	
	6487 Nov 07 02:21	0°♑		greatest brilliancy	6490 May 13 20:25	3°♍29'28	-4.9m
	6487 Dec 01 09:59	0°♊		retrograde	6490 May 24 08:21	5°♍33'41	
morning set	6487 Dec 07 20:00	7°♊57'21		evening set	6490 Jun 09 03:04	0°♍39'35	
	6487 Dec 25 13:33	0°♋			6490 Jun 10 06:25	30°♒♌	
max. Earth dist.	6488 Jan 12 12:55	22°♋25'19	1.71811 AU	inferior conj	6490 Jun 14 08:45	27°♌30'00	4°32'10
				minimum elong	6490 Jun 14 17:51	27°♌15'54	4°29'38
superior conj	6488 Jan 15 10:29	26°♋02'41	0°02'47	min. Earth dist.	6490 Jun 14 05:34	27°♌34'57	0.27769 AU
minimum elong	6488 Jan 15 11:11	26°♋04'53	0°02'48	morning rise	6490 Jun 20 09:04	23°♌55'30	
behind sun begin	6488 Jan 14 10:27	24°♋47'35		desc. node	6490 Jul 03 09:05	19°♌37'50	
behind sun end	6488 Jan 16 11:55	27°♋22'11		direct	6490 Jul 05 07:44	19°♌33'18	
desc. node	6488 Jan 16 13:46	27°♋27'57		greatest brilliancy	6490 Jul 15 03:52	21°♌20'11	-4.8m
	6488 Jan 18 14:25	0°♌			6490 Jul 31 01:50	0°♍	
	6488 Feb 11 13:18	0°♋		morning max el	6490 Aug 23 09:25	19°♍51'01	45°50'21
evening rise	6488 Feb 24 13:36	16°♋19'35			6490 Sep 02 15:24	0°♎	
	6488 Mar 06 11:03	0°♊			6490 Sep 30 14:21	0°♏	
	6488 Mar 30 09:19	0°♋		asc. node	6490 Oct 24 09:45	27°♏11'34	
asc. node	6488 Apr 23 10:39	0°♌			6490 Oct 26 19:31	0°♐	
	6488 May 08 14:16	18°♌44'20			6490 Nov 21 02:08	0°♑	
	6488 May 17 18:16	0°♍			6490 Dec 15 18:36	0°♊	
	6488 Jun 11 11:59	0°♎			6491 Jan 09 02:14	0°♋	
	6488 Jul 06 21:51	0°♏			6491 Feb 02 04:25	0°♌	
	6488 Aug 02 13:21	0°♐		desc. node	6491 Feb 13 01:44	13°♌37'27	
evening max el	6488 Aug 26 02:27	24°♐14'51	45°36'15	morning set	6491 Feb 19 01:39	21°♌08'20	
desc. node	6488 Aug 28 06:46	26°♐19'19			6491 Feb 26 03:10	0°♋	
	6488 Sep 01 05:58	0°♑			6491 Mar 21 23:56	0°♊	
greatest brilliancy	6488 Oct 04 03:02	22°♑21'59	-4.7m				
retrograde	6488 Oct 13 20:09	24°♑04'48		superior conj	6491 Apr 01 04:58	12°♊50'37	-1°24'31
evening set	6488 Oct 31 19:13	18°♑03'10		minimum elong	6491 Mar 31 22:52	12°♊31'26	1°24'27
inferior conj	6488 Nov 04 05:35	15°♑56'24	-8°15'43	max. Earth dist.	6491 Apr 02 07:39	14°♊14'32	1.71197 AU
minimum elong	6488 Nov 04 11:22	15°♑47'22	8°15'10		6491 Apr 14 20:24	0°♋	
min. Earth dist.	6488 Nov 04 21:51	15°♑31'01	0.28810 AU		6491 May 08 18:34	0°♌	
morning rise	6488 Nov 08 03:18	13°♑32'01		evening rise	6491 May 11 20:03	3°♌49'40	
direct	6488 Nov 25 16:16	7°♑39'35			6491 Jun 01 20:19	0°♍	
greatest brilliancy	6488 Dec 06 18:52	9°♑54'59	-4.8m	asc. node	6491 Jun 06 02:03	5°♍15'31	
asc. node	6488 Dec 19 07:14	16°♑45'44			6491 Jun 26 03:04	0°♎	
	6489 Jan 04 15:03	0°♊			6491 Jul 20 16:15	0°♏	
morning max el	6489 Jan 14 16:55	9°♊39'36	46°27'26		6491 Aug 14 14:20	0°♐	
	6489 Feb 02 22:36	0°♋			6491 Sep 09 02:09	0°♑	
	6489 Mar 01 03:34	0°♌		desc. node	6491 Sep 25 18:29	19°♑04'46	
	6489 Mar 26 05:37	0°♋			6491 Oct 05 13:21	0°♊	

	6491 Nov 03 01:16	0°♁			6494 Feb 16 06:47	0°♁	
evening max el	6491 Nov 07 01:58	3°♁55'47 46°01'38			6494 Mar 12 10:53	0°♁	
	6491 Dec 10 08:53	0°♁	desc. node		6494 Mar 12 13:40	0°♁08'39	
greatest brilliancy	6491 Dec 16 15:59	2°♁41'17 -4.8m			6494 Apr 05 11:07	0°♁	
retrograde	6491 Dec 26 06:02	4°♁22'14			6494 Apr 29 09:55	0°♁	
evening set	6492 Jan 09 18:06	0°♁15'38	morning set		6494 May 06 14:46	9°♁01'15	
	6492 Jan 10 05:42	30°♁♁			6494 May 23 09:24	0°♁	
inferior conj	6492 Jan 15 23:21	26°♁36'44 -0°12'43					
minimum elong	6492 Jan 15 23:51	26°♁35'59 0°12'31	superior conj		6494 Jun 14 22:50	28°♁07'16 -0°43'07	
transit middle	6492 Jan 15 23:51	26°♁35'59 0°12'31	minimum elong		6494 Jun 15 07:56	28°♁35'33 0°42'46	
transit begin	6492 Jan 15 21:10	26°♁40'05			6494 Jun 16 11:07	0°♁	
transit end	6492 Jan 16 02:31	26°♁31'52	max. Earth dist.		6494 Jun 18 13:32	2°♁36'40 1.72330 AU	
min. Earth dist.	6492 Jan 16 09:46	26°♁20'44 0.27108 AU	asc. node		6494 Jul 03 13:57	21°♁14'30	
asc. node	6492 Jan 16 19:12	26°♁06'17			6494 Jul 10 15:48	0°♁	
morning rise	6492 Jan 22 05:05	22°♁56'28	evening rise		6494 Jul 23 06:52	15°♁35'30	
direct	6492 Feb 05 19:13	18°♁44'43			6494 Aug 03 23:35	0°♁	
greatest brilliancy	6492 Feb 16 08:58	20°♁51'22 -4.9m			6494 Aug 28 10:44	0°♁	
	6492 Mar 03 01:52	0°♁			6494 Sep 22 02:18	0°♁	
morning max el	6492 Mar 27 09:34	21°♁50'38 46°59'07			6494 Oct 17 00:07	0°♁	
	6492 Apr 04 06:46	0°♁	desc. node		6494 Oct 23 06:12	7°♁28'07	
	6492 May 01 07:25	0°♁			6494 Nov 11 06:37	0°♁	
desc. node	6492 May 07 11:38	7°♁08'18			6494 Dec 07 02:00	0°♁	
	6492 May 26 21:49	0°♁			6495 Jan 02 22:38	0°♁	
	6492 Jun 20 22:38	0°♁	evening max el		6495 Jan 18 17:23	16°♁28'32 46°53'05	
	6492 Jul 15 17:52	0°♁			6495 Feb 02 00:07	0°♁	
	6492 Aug 09 10:24	0°♁	asc. node		6495 Feb 13 07:01	9°♁06'02	
asc. node	6492 Aug 28 11:50	23°♁14'34	greatest brilliancy		6495 Feb 28 08:44	17°♁31'29 -4.9m	
	6492 Sep 03 00:32	0°♁	retrograde		6495 Mar 10 05:32	19°♁22'58	
morning set	6492 Sep 26 15:39	28°♁58'09	evening set		6495 Mar 27 15:41	13°♁32'41	
	6492 Sep 27 11:47	0°♁	inferior conj		6495 Mar 30 21:50	11°♁33'45 8°48'50	
	6492 Oct 21 20:12	0°♁	minimum elong		6495 Mar 30 15:55	11°♁42'53 8°48'18	
max. Earth dist.	6492 Oct 31 03:25	11°♁29'22 1.73035 AU	min. Earth dist.		6495 Mar 30 12:40	11°♁47'54 0.27022 AU	
			morning rise		6495 Apr 02 16:12	9°♁52'23	
superior conj	6492 Nov 02 03:13	13°♁57'05 1°22'28	direct		6495 Apr 20 10:40	3°♁48'23	
minimum elong	6492 Nov 02 08:12	14°♁12'28 1°22'26	greatest brilliancy		6495 Apr 29 21:09	5°♁28'55 -4.9m	
	6492 Nov 15 02:33	0°♁			6495 Jun 03 09:49	0°♁	
	6492 Dec 09 07:39	0°♁	desc. node		6495 Jun 04 23:20	1°♁29'16	
evening rise	6492 Dec 09 16:28	0°♁27'19	morning max el		6495 Jun 09 12:30	5°♁55'20 46°35'17	
desc. node	6492 Dec 18 03:55	10°♁58'13			6495 Jul 02 11:06	0°♁	
	6493 Jan 02 11:54	0°♁			6495 Jul 29 02:38	0°♁	
	6493 Jan 26 15:26	0°♁			6495 Aug 23 20:42	0°♁	
	6493 Feb 19 19:16	0°♁			6495 Sep 18 02:48	0°♁	
	6493 Mar 16 02:14	0°♁	asc. node		6495 Sep 25 23:43	9°♁26'53	
	6493 Apr 09 17:28	0°♁			6495 Oct 12 23:46	0°♁	
asc. node	6493 Apr 10 04:26	0°♁32'59			6495 Nov 06 13:06	0°♁	
	6493 May 05 01:50	0°♁			6495 Nov 30 20:37	0°♁	
	6493 May 31 22:09	0°♁	morning set		6495 Dec 05 11:43	5°♁44'15	
evening max el	6493 Jun 14 04:18	13°♁38'27 46°08'21			6495 Dec 25 00:10	0°♁	
	6493 Jul 02 06:07	0°♁	max. Earth dist.		6496 Jan 10 03:44	20°♁08'22 1.71853 AU	
greatest brilliancy	6493 Jul 22 14:04	12°♁37'42 -4.8m					
desc. node	6493 Jul 30 21:04	14°♁42'22	superior conj		6496 Jan 12 23:16	23°♁39'18 0°06'32	
retrograde	6493 Aug 02 15:36	14°♁51'15	minimum elong		6496 Jan 13 00:53	23°♁44'22 0°06'30	
evening set	6493 Aug 18 08:26	10°♁06'06	behind sun begin		6496 Jan 12 01:48	22°♁32'14	
min. Earth dist.	6493 Aug 23 14:18	6°♁55'49 0.28877 AU	behind sun end		6496 Jan 13 23:58	24°♁56'29	
inferior conj	6493 Aug 24 03:36	6°♁34'55 -5°24'22	desc. node		6496 Jan 15 15:52	27°♁01'10	
minimum elong	6493 Aug 23 17:59	6°♁50'01 5°22'09			6496 Jan 18 01:05	0°♁	
morning rise	6493 Aug 29 03:51	3°♁31'15			6496 Feb 11 00:03	0°♁	
	6493 Sep 05 13:20	30°♁♁	evening rise		6496 Feb 22 01:03	13°♁51'06	
direct	6493 Sep 14 15:17	28°♁22'49			6496 Mar 05 21:54	0°♁	
	6493 Sep 24 02:41	0°♁			6496 Mar 29 20:18	0°♁	
greatest brilliancy	6493 Sep 24 13:26	0°♁09'02 -4.7m			6496 Apr 22 21:51	0°♁	
morning max el	6493 Nov 02 09:23	28°♁13'23 45°46'07	asc. node		6496 May 07 16:11	18°♁15'05	
	6493 Nov 04 05:24	0°♁			6496 May 17 05:50	0°♁	
asc. node	6493 Nov 20 21:33	17°♁05'50			6496 Jun 11 00:11	0°♁	
	6493 Dec 02 16:54	0°♁			6496 Jul 06 11:15	0°♁	
	6493 Dec 28 18:55	0°♁			6496 Aug 02 05:31	0°♁	
	6494 Jan 22 19:27	0°♁	evening max el		6496 Aug 23 18:05	22°♁04'38 45°36'31	

desc. node	6496 Aug 27 08:48	25° Ω 29'49			6499 Feb 25 14:02	0° \mathcal{H}	
	6496 Sep 01 07:31	0° \mathcal{M}			6499 Mar 21 10:47	0° \mathcal{Y}	
greatest brilliancy	6496 Oct 01 16:15	20° \mathcal{M} 09'51	-4.7m				
retrograde	6496 Oct 11 12:04	21° \mathcal{M} 54'39		superior conj	6499 Mar 29 15:29	10° \mathcal{Y} 18'36	-1°23'24
evening set	6496 Oct 29 12:18	15° \mathcal{M} 50'03		minimum elong	6499 Mar 29 08:27	9° \mathcal{Y} 56'28	1°23'18
inferior conj	6496 Nov 01 21:19	13° \mathcal{M} 45'14	-8°21'02	max. Earth dist.	6499 Mar 30 13:55	11° \mathcal{Y} 29'09	1.71183 AU
minimum elong	6496 Nov 02 02:27	13° \mathcal{M} 37'13	8°20'36		6499 Apr 14 07:14	0° \mathcal{B}	
min. Earth dist.	6496 Nov 02 12:12	13° \mathcal{M} 22'00	0.28858 AU		6499 May 08 05:25	0° \mathcal{I}	
morning rise	6496 Nov 05 16:25	11° \mathcal{M} 24'53		evening rise	6499 May 09 07:13	1° \mathcal{I} 20'39	
direct	6496 Nov 23 08:52	5° \mathcal{M} 28'00			6499 Jun 01 07:13	0° \mathcal{G}	
greatest brilliancy	6496 Dec 04 09:58	7° \mathcal{M} 42'22	-4.8m	asc. node	6499 Jun 05 04:06	4° \mathcal{G} 48'03	
asc. node	6496 Dec 18 09:22	15° \mathcal{M} 32'48			6499 Jun 25 14:07	0° Ω	
	6497 Jan 04 16:47	0° \mathcal{A}			6499 Jul 20 03:38	0° \mathcal{M}	
morning max el	6497 Jan 12 09:19	7° \mathcal{A} 26'46	46°25'44		6499 Aug 14 02:19	0° Ω	
	6497 Feb 02 15:16	0° \mathcal{B}			6499 Sep 08 15:18	0° \mathcal{M}	
	6497 Feb 28 17:29	0° \approx		desc. node	6499 Sep 24 20:24	18° \mathcal{M} 29'35	
	6497 Mar 25 18:13	0° \mathcal{H}			6499 Oct 05 04:54	0° \mathcal{A}	
desc. node	6497 Apr 09 01:39	17° \mathcal{H} 26'56			6499 Nov 02 23:13	0° \mathcal{B}	
	6497 Apr 19 07:05	0° \mathcal{Y}		evening max el	6499 Nov 04 15:46	1° \mathcal{B} 38'05	45°59'57
	6497 May 13 14:25	0° \mathcal{B}			6499 Dec 13 06:00	0° \approx	
	6497 Jun 06 20:04	0° \mathcal{I}		greatest brilliancy	6499 Dec 14 06:08	0° \approx 21'09	-4.8m
	6497 Jul 01 02:17	0° \mathcal{G}		retrograde	6499 Dec 23 18:17	2° \approx 00'40	
morning set	6497 Jul 17 15:22	20° \mathcal{G} 25'18			6500 Jan 02 19:46	30° \mathcal{R} \mathcal{B}	
	6497 Jul 25 09:45	0° Ω		evening set	6500 Jan 07 08:31	27° \mathcal{B} 52'34	
asc. node	6497 Jul 31 01:51	6° Ω 59'30		inferior conj	6500 Jan 13 12:47	24° \mathcal{B} 14'57	-0°36'07
	6497 Aug 18 18:02	0° \mathcal{M}		minimum elong	6500 Jan 13 14:10	24° \mathcal{B} 12'49	0°35'37
				min. Earth dist.	6500 Jan 14 00:38	23° \mathcal{B} 56'43	0.27152 AU
superior conj	6497 Aug 24 00:32	6° \mathcal{M} 29'36	0°53'25	asc. node	6500 Jan 15 21:12	22° \mathcal{B} 48'38	
minimum elong	6497 Aug 23 15:29	6° \mathcal{M} 01'44	0°53'03	morning rise	6500 Jan 19 19:11	20° \mathcal{B} 33'13	
max. Earth dist.	6497 Aug 24 12:11	7° \mathcal{M} 05'28	1.73342 AU	direct	6500 Feb 03 08:50	16° \mathcal{B} 22'03	
	6497 Sep 12 02:37	0° Ω		greatest brilliancy	6500 Feb 14 00:33	18° \mathcal{B} 30'03	-4.9m
evening rise	6497 Sep 29 05:55	21° Ω 05'50			6500 Mar 04 18:02	0° \approx	
	6497 Oct 06 11:38	0° \mathcal{M}		morning max el	6500 Mar 25 22:13	19° \approx 24'23	46°58'47
	6497 Oct 30 21:51	0° \mathcal{A}			6500 Apr 05 02:26	0° \mathcal{H}	
desc. node	6497 Nov 19 18:05	24° \mathcal{A} 17'58			6500 May 01 22:42	0° \mathcal{Y}	
	6497 Nov 24 09:58	0° \mathcal{B}		desc. node	6500 May 07 13:36	6° \mathcal{Y} 31'13	
	6497 Dec 19 00:15	0° \approx			6500 May 27 11:12	0° \mathcal{B}	
	6498 Jan 12 17:33	0° \mathcal{H}			6500 Jun 21 10:57	0° \mathcal{I}	
	6498 Feb 06 17:34	0° \mathcal{Y}			6500 Jul 16 05:29	0° \mathcal{G}	
	6498 Mar 04 10:43	0° \mathcal{B}			6500 Aug 09 21:33	0° Ω	
asc. node	6498 Mar 12 18:36	9° \mathcal{B} 22'13		asc. node	6500 Aug 28 13:42	22° Ω 46'57	
	6498 Apr 01 02:22	0° \mathcal{I}			6500 Sep 03 11:23	0° \mathcal{M}	
evening max el	6498 Apr 01 10:56	0° \mathcal{I} 21'39	46°58'50	morning set	6500 Sep 25 08:59	26° \mathcal{M} 51'01	
	6498 May 08 15:23	0° \mathcal{G}			6500 Sep 27 22:29	0° Ω	
greatest brilliancy	6498 May 11 11:37	1° \mathcal{G} 11'08	-4.9m		6500 Oct 22 06:52	0° \mathcal{M}	
retrograde	6498 May 21 23:27	3° \mathcal{G} 14'49		max. Earth dist.	6500 Oct 29 19:56	9° \mathcal{M} 19'09	1.73066 AU
	6498 Jun 03 15:23	30° \mathcal{R} \mathcal{I}					
evening set	6498 Jun 06 20:20	28° \mathcal{I} 17'10		superior conj	6500 Oct 31 20:32	11° \mathcal{M} 49'19	1°23'18
inferior conj	6498 Jun 11 23:02	25° \mathcal{I} 11'34	4°51'33	minimum elong	6500 Nov 01 00:51	12° \mathcal{M} 02'40	1°23'17
minimum elong	6498 Jun 12 08:35	24° \mathcal{I} 56'46	4°48'58		6500 Nov 15 13:15	0° \mathcal{A}	
min. Earth dist.	6498 Jun 11 19:52	25° \mathcal{I} 16'29	0.27738 AU	evening rise	6500 Dec 08 07:40	28° \mathcal{A} 12'06	
morning rise	6498 Jun 17 21:18	21° \mathcal{I} 40'00			6500 Dec 09 18:29	0° \mathcal{B}	
desc. node	6498 Jul 02 11:13	17° \mathcal{I} 15'48		desc. node	6500 Dec 18 06:01	10° \mathcal{B} 30'56	
direct	6498 Jul 02 22:15	17° \mathcal{I} 15'33			6501 Jan 02 22:54	0° \approx	
greatest brilliancy	6498 Jul 12 16:54	19° \mathcal{I} 01'31	-4.8m		6501 Jan 27 02:43	0° \mathcal{H}	
	6498 Jul 31 18:39	0° \mathcal{G}			6501 Feb 20 06:55	0° \mathcal{Y}	
morning max el	6498 Aug 21 00:35	17° \mathcal{G} 37'54	45°51'19		6501 Mar 16 14:23	0° \mathcal{B}	
	6498 Sep 02 10:24	0° Ω		asc. node	6501 Apr 10 06:20	29° \mathcal{B} 59'37	
	6498 Sep 30 04:49	0° \mathcal{M}			6501 Apr 10 06:27	0° \mathcal{I}	
asc. node	6498 Oct 23 11:40	26° \mathcal{M} 40'05			6501 May 05 16:23	0° \mathcal{G}	
	6498 Oct 26 08:06	0° Ω			6501 Jun 01 16:27	0° Ω	
	6498 Nov 20 13:47	0° \mathcal{M}		evening max el	6501 Jun 12 18:39	11° Ω 21'20	46°10'11
	6498 Dec 15 05:48	0° \mathcal{A}			6501 Jul 03 17:21	0° \mathcal{M}	
	6499 Jan 08 13:14	0° \mathcal{B}		greatest brilliancy	6501 Jul 21 06:24	10° \mathcal{M} 27'01	-4.8m
	6499 Feb 01 15:20	0° \approx		desc. node	6501 Jul 30 23:01	12° \mathcal{M} 38'46	
desc. node	6499 Feb 12 03:42	13° \approx 09'31		retrograde	6501 Aug 01 07:31	12° \mathcal{M} 40'54	
morning set	6499 Feb 16 12:32	18° \approx 37'56		evening set	6501 Aug 16 22:26	7° \mathcal{M} 58'42	

inferior conj	6501 Aug 22 19:46	4°♍24'51	-5°08'33	behind sun end	6504 Jan 12 10:20	22°♊24'37	
minimum elong	6501 Aug 22 10:21	4°♍39'39	5°06'19	desc. node	6504 Jan 15 17:49	26°♊32'53	
min. Earth dist.	6501 Aug 22 06:33	4°♍45'37	0.28842 AU		6504 Jan 18 12:05	0°♊	
morning rise	6501 Aug 27 22:32	1°♍17'36			6504 Feb 11 11:09	0°♋	
	6501 Aug 30 07:11	30°♋♌		evening rise	6504 Feb 20 12:43	11°♋22'17	
direct	6501 Sep 13 06:33	26°♌13'07			6504 Mar 06 09:05	0°♌	
greatest brilliancy	6501 Sep 23 05:38	27°♌59'50	-4.7m		6504 Mar 30 07:35	0°♍	
	6501 Sep 28 02:30	0°♍			6504 Apr 23 09:20	0°♎	
morning max el	6501 Nov 01 00:05	25°♍59'54	45°45'26	asc. node	6504 May 07 18:17	17°♎45'36	
	6501 Nov 05 02:31	0°♎			6504 May 17 17:41	0°♏	
asc. node	6501 Nov 20 23:37	16°♎25'55			6504 Jun 11 12:42	0°♐	
	6501 Dec 03 08:10	0°♏			6504 Jul 07 01:05	0°♑	
	6501 Dec 29 08:06	0°♑			6504 Aug 02 22:23	0°♒	
	6502 Jan 23 07:39	0°♒		evening max el	6504 Aug 22 10:20	19°♒54'45	45°36'46
	6502 Feb 16 18:27	0°♓		desc. node	6504 Aug 27 10:43	24°♒37'59	
desc. node	6502 Mar 12 15:36	29°♓39'16			6504 Sep 02 11:06	0°♓	
	6502 Mar 12 22:15	0°♋		greatest brilliancy	6504 Sep 30 06:06	17°♓57'31	-4.7m
	6502 Apr 05 22:18	0°♌		retrograde	6504 Oct 10 03:58	19°♓43'36	
	6502 Apr 29 20:58	0°♍		evening set	6504 Oct 28 05:18	13°♓36'49	
morning set	6502 May 05 02:43	6°♍33'53		inferior conj	6504 Oct 31 13:12	11°♓33'25	-8°25'31
	6502 May 23 20:20	0°♎		minimum elong	6504 Oct 31 17:38	11°♓26'29	8°25'12
				min. Earth dist.	6504 Nov 01 02:35	11°♓12'30	0.28900 AU
superior conj	6502 Jun 13 12:47	25°♎47'37	-0°46'15	morning rise	6504 Nov 04 05:49	9°♓16'41	
minimum elong	6502 Jun 13 22:23	26°♎17'26	0°45'53	direct	6504 Nov 22 01:42	3°♓16'02	
	6502 Jun 16 21:58	0°♏		greatest brilliancy	6504 Dec 03 00:40	5°♓28'35	-4.8m
max. Earth dist.	6502 Jun 17 01:57	0°♏12'21	1.72280 AU	asc. node	6504 Dec 18 11:22	14°♓21'02	
asc. node	6502 Jul 03 15:58	20°♏47'08			6505 Jan 05 17:34	0°♑	
	6502 Jul 11 02:38	0°♐		morning max el	6505 Jan 11 01:07	5°♑11'45	46°23'56
evening rise	6502 Jul 21 23:10	13°♐24'22			6505 Feb 03 07:56	0°♒	
	6502 Aug 04 10:28	0°♑			6505 Mar 01 07:35	0°♓	
	6502 Aug 28 21:48	0°♒			6505 Mar 26 07:06	0°♋	
	6502 Sep 22 13:43	0°♓		desc. node	6505 Apr 09 03:37	16°♋54'58	
	6502 Oct 17 12:10	0°♋			6505 Apr 19 19:14	0°♌	
desc. node	6502 Oct 23 08:14	6°♋57'40			6505 May 14 02:04	0°♍	
	6502 Nov 11 19:42	0°♎			6505 Jun 07 07:22	0°♎	
	6502 Dec 07 16:55	0°♏			6505 Jul 01 13:20	0°♏	
	6503 Jan 03 17:25	0°♋		morning set	6505 Jul 16 07:47	18°♏14'13	
evening max el	6503 Jan 17 06:45	14°♋04'08	46°51'51		6505 Jul 25 20:38	0°♐	
	6503 Feb 03 08:50	0°♌		asc. node	6505 Jul 31 03:44	6°♐31'52	
asc. node	6503 Feb 13 08:56	7°♌44'56			6505 Aug 19 04:50	0°♑	
greatest brilliancy	6503 Feb 26 21:15	15°♌04'05	-4.9m				
retrograde	6503 Mar 08 18:50	16°♌56'27		superior conj	6505 Aug 22 18:05	4°♍22'34	0°50'50
evening set	6503 Mar 26 00:26	11°♌12'04		minimum elong	6505 Aug 22 09:13	3°♍55'16	0°50'28
inferior conj	6503 Mar 29 10:39	9°♌07'23	8°41'52	max. Earth dist.	6505 Aug 23 10:20	5°♍12'38	1.73329 AU
minimum elong	6503 Mar 29 03:54	9°♌17'45	8°41'11		6505 Sep 12 13:24	0°♎	
min. Earth dist.	6503 Mar 29 01:03	9°♌22'08	0.27001 AU	evening rise	6505 Sep 27 23:55	19°♎00'05	
morning rise	6503 Apr 01 07:26	7°♌22'39			6505 Oct 06 22:32	0°♏	
direct	6503 Apr 18 23:26	1°♌22'04			6505 Oct 31 09:00	0°♑	
greatest brilliancy	6503 Apr 28 09:54	3°♌03'04	-4.9m	desc. node	6505 Nov 19 20:08	23°♑49'20	
	6503 Jun 04 11:08	0°♍			6505 Nov 24 21:29	0°♒	
desc. node	6503 Jun 05 01:29	0°♍34'42			6505 Dec 19 12:17	0°♓	
morning max el	6503 Jun 08 02:46	3°♍34'27	46°36'50		6506 Jan 13 06:22	0°♋	
	6503 Jul 03 04:03	0°♎			6506 Feb 07 07:36	0°♌	
	6503 Jul 29 16:42	0°♏			6506 Mar 05 03:07	0°♍	
	6503 Aug 24 09:20	0°♐		asc. node	6506 Mar 12 20:36	8°♍38'58	
	6503 Sep 18 14:36	0°♑		evening max el	6506 Mar 31 02:02	28°♍01'47	46°59'48
asc. node	6503 Sep 26 01:41	8°♑57'52			6506 Apr 02 01:08	0°♎	
	6503 Oct 13 11:04	0°♒		greatest brilliancy	6506 May 10 03:31	28°♎52'42	-4.9m
	6503 Nov 07 00:08	0°♓			6506 May 13 16:23	0°♏	
	6503 Dec 01 07:32	0°♋		retrograde	6506 May 20 14:13	0°♏55'04	
morning set	6503 Dec 04 03:33	3°♋30'42			6506 May 27 06:47	30°♋♌	
	6503 Dec 25 11:06	0°♎		evening set	6506 Jun 05 13:47	25°♎54'02	
max. Earth dist.	6504 Jan 08 18:03	17°♎48'57	1.71896 AU	inferior conj	6506 Jun 10 13:25	22°♎52'35	5°10'23
				minimum elong	6506 Jun 10 23:19	22°♎37'12	5°07'47
superior conj	6504 Jan 11 12:15	21°♎15'37	0°10'15	min. Earth dist.	6506 Jun 10 10:29	22°♎57'09	0.27703 AU
minimum elong	6504 Jan 11 14:45	21°♎23'27	0°10'10	morning rise	6506 Jun 16 09:21	19°♎24'03	
behind sun begin	6504 Jan 10 19:10	20°♎22'17		direct	6506 Jul 01 12:31	14°♎57'20	




































































































































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greatest brilliancy	6506 Jul 11 06:12	16° Π 42'27	-4.8m	6509 Mar 16 02:40	0° \mathcal{B}	
	6506 Aug 02 07:25	0° \mathcal{B}		asc. node	6509 Apr 09 08:26	29° \mathcal{B} 26'31
morning max el	6506 Aug 19 14:51	15° \mathcal{B} 21'53	45°52'20	6509 Apr 09 19:35	0° Π	
	6506 Sep 03 05:05	0° Ω		6509 May 05 07:10	0° \mathcal{B}	
	6506 Sep 30 19:20	0° \mathcal{M}		6509 Jun 01 11:21	0° Ω	
asc. node	6506 Oct 23 13:44	26° \mathcal{M} 08'27		evening max el	6509 Jun 10 09:13	9° Ω 04'27 46°12'02
	6506 Oct 26 20:52	0° \mathcal{L}		6509 Jul 04 08:40	0° \mathcal{M}	
	6506 Nov 21 01:42	0° \mathcal{M}		greatest brilliancy	6509 Jul 18 22:15	8° \mathcal{M} 15'18 -4.8m
	6506 Dec 15 17:17	0° \mathcal{A}		retrograde	6509 Jul 29 23:54	10° \mathcal{M} 30'14
	6507 Jan 09 00:29	0° \mathcal{Z}		desc. node	6509 Jul 30 01:01	10° \mathcal{M} 30'14
	6507 Feb 02 02:28	0° \approx		evening set	6509 Aug 14 12:29	5° \mathcal{M} 50'37
desc. node	6507 Feb 12 05:37	12° \approx 40'44		inferior conj	6509 Aug 20 11:50	2° \mathcal{M} 14'21 -4°52'14
morning set	6507 Feb 14 23:33	16° \approx 07'16		minimum elong	6509 Aug 20 02:40	2° \mathcal{M} 28'43 4°49'59
	6507 Feb 26 01:07	0° \mathcal{H}		min. Earth dist.	6509 Aug 19 22:29	2° \mathcal{M} 35'16 0.28805 AU
	6507 Mar 21 21:51	0° Υ			6509 Aug 24 02:49	30° \mathcal{R} Ω
				morning rise	6509 Aug 25 17:07	29° Ω 03'47
superior conj	6507 Mar 28 02:05	7° Υ 46'09	-1°22'06	direct	6509 Sep 10 21:51	24° Ω 02'59
minimum elong	6507 Mar 27 18:12	7° Υ 21'19	1°21'59	greatest brilliancy	6509 Sep 20 21:28	25° Ω 50'14 -4.7m
max. Earth dist.	6507 Mar 28 17:18	8° Υ 34'00	1.71175 AU		6509 Sep 29 21:05	0° \mathcal{M}
	6507 Apr 14 18:20	0° \mathcal{B}		morning max el	6509 Oct 29 15:32	23° \mathcal{M} 48'33 45°44'55
evening rise	6507 May 07 18:19	28° \mathcal{B} 50'30			6509 Nov 04 22:49	0° \mathcal{L}
	6507 May 08 16:32	0° Π		asc. node	6509 Nov 20 01:38	15° \mathcal{L} 46'32
	6507 Jun 01 18:23	0° \mathcal{B}			6509 Dec 02 23:08	0° \mathcal{M}
asc. node	6507 Jun 05 06:07	4° \mathcal{B} 19'36			6509 Dec 28 21:07	0° \mathcal{A}
	6507 Jun 26 01:24	0° Ω			6510 Jan 22 19:47	0° \mathcal{Z}
	6507 Jul 20 15:13	0° \mathcal{M}			6510 Feb 16 06:07	0° \approx
	6507 Aug 14 14:32	0° \mathcal{L}		desc. node	6510 Mar 11 17:42	29° \approx 10'19
	6507 Sep 09 04:44	0° \mathcal{M}			6510 Mar 12 09:38	0° \mathcal{H}
desc. node	6507 Sep 24 22:25	17° \mathcal{M} 54'02			6510 Apr 05 09:29	0° Υ
	6507 Oct 05 20:54	0° \mathcal{A}			6510 Apr 29 07:59	0° \mathcal{B}
evening max el	6507 Nov 03 04:48	29° \mathcal{A} 17'58	45°58'12	morning set	6510 May 02 14:15	4° \mathcal{B} 05'11
	6507 Nov 03 22:21	0° \mathcal{Z}			6510 May 23 07:13	0° Π
greatest brilliancy	6507 Dec 12 20:21	28° \mathcal{Z} 00'33	-4.8m			
retrograde	6507 Dec 22 06:48	29° \mathcal{Z} 38'56		superior conj	6510 Jun 11 02:22	23° Π 26'51 -0°49'19
evening set	6508 Jan 05 23:10	25° \mathcal{Z} 28'42		minimum elong	6510 Jun 11 12:24	23° Π 58'04 0°48'58
inferior conj	6508 Jan 12 02:18	21° \mathcal{Z} 52'49	-0°59'15	max. Earth dist.	6510 Jun 14 14:45	27° Π 49'20 1.72233 AU
minimum elong	6508 Jan 12 04:33	21° \mathcal{Z} 49'20	0°58'29		6510 Jun 16 08:47	0° \mathcal{B}
min. Earth dist.	6508 Jan 12 15:40	21° \mathcal{Z} 32'16	0.27199 AU	asc. node	6510 Jul 02 17:51	20° \mathcal{B} 19'29
asc. node	6508 Jan 15 23:06	19° \mathcal{Z} 32'09			6510 Jul 10 13:27	0° Ω
morning rise	6508 Jan 18 09:12	18° \mathcal{Z} 10'06		evening rise	6510 Jul 19 15:19	11° Ω 12'47
direct	6508 Feb 01 22:14	13° \mathcal{Z} 58'52			6510 Aug 03 21:21	0° \mathcal{M}
greatest brilliancy	6508 Feb 12 16:30	16° \mathcal{Z} 08'51	-4.9m		6510 Aug 28 08:50	0° \mathcal{L}
	6508 Mar 05 06:20	0° \approx			6510 Sep 22 01:06	0° \mathcal{M}
morning max el	6508 Mar 23 11:13	16° \approx 58'30	46°58'28		6510 Oct 17 00:08	0° \mathcal{A}
	6508 Apr 04 21:42	0° \mathcal{H}		desc. node	6510 Oct 22 10:20	6° \mathcal{A} 27'44
	6508 May 01 13:55	0° Υ			6510 Nov 11 08:43	0° \mathcal{Z}
desc. node	6508 May 06 15:44	5° Υ 54'28			6510 Dec 07 07:51	0° \approx
	6508 May 27 00:38	0° \mathcal{B}			6511 Jan 03 12:33	0° \mathcal{H}
	6508 Jun 20 23:22	0° Π		evening max el	6511 Jan 14 20:54	11° \mathcal{H} 42'12 46°50'22
	6508 Jul 15 17:14	0° \mathcal{B}			6511 Feb 03 20:30	0° Υ
	6508 Aug 09 08:49	0° Ω		asc. node	6511 Feb 12 10:57	6° Υ 21'18
asc. node	6508 Aug 27 15:44	22° Ω 19'32		greatest brilliancy	6511 Feb 24 09:11	12° Υ 35'56 -4.9m
	6508 Sep 02 22:19	0° \mathcal{M}		retrograde	6511 Mar 06 08:15	14° Υ 29'18
morning set	6508 Sep 23 02:34	24° \mathcal{M} 44'27		evening set	6511 Mar 23 08:48	8° Υ 51'14
	6508 Sep 27 09:15	0° \mathcal{L}		inferior conj	6511 Mar 26 23:14	6° Υ 40'24 8°33'51
	6508 Oct 21 17:35	0° \mathcal{M}		minimum elong	6511 Mar 26 15:44	6° Υ 51'56 8°32'59
max. Earth dist.	6508 Oct 27 15:00	7° \mathcal{M} 16'43	1.73098 AU	min. Earth dist.	6511 Mar 26 13:01	6° Υ 56'06 0.26981 AU
				morning rise	6511 Mar 29 22:46	4° Υ 51'49
superior conj	6508 Oct 29 14:06	9° \mathcal{M} 42'12	1°23'59		6511 Apr 09 07:12	30° \mathcal{R} \mathcal{H}
minimum elong	6508 Oct 29 17:46	9° \mathcal{M} 53'33	1°24'00	direct	6511 Apr 16 12:28	28° \mathcal{H} 55'23
	6508 Nov 15 00:02	0° \mathcal{A}			6511 Apr 23 23:37	0° Υ
evening rise	6508 Dec 05 23:06	25° \mathcal{A} 57'27		greatest brilliancy	6511 Apr 25 22:01	0° Υ 36'08 -4.9m
	6508 Dec 09 05:24	0° \mathcal{Z}		desc. node	6511 Jun 04 03:24	29° Υ 40'48
desc. node	6508 Dec 17 07:58	10° \mathcal{Z} 02'52			6511 Jun 04 11:12	0° \mathcal{B}
	6509 Jan 02 10:03	0° \approx		morning max el	6511 Jun 05 17:00	1° \mathcal{B} 13'36 46°38'20
	6509 Jan 26 14:08	0° \mathcal{H}			6511 Jul 02 20:35	0° Π

	6511 Jul 29 06:29	0°☿			6514 Mar 04 19:18	0°♄	
	6511 Aug 23 21:44	0°♌		asc. node	6514 Mar 11 22:40	7°♄56'52	
	6511 Sep 18 02:12	0°♍		evening max el	6514 Mar 28 15:56	25°♄40'05	47°00'33
asc. node	6511 Sep 25 03:43	8°♍29'39			6514 Apr 02 00:19	0°♊	
	6511 Oct 12 22:10	0°♊		greatest brilliancy	6514 May 07 19:41	26°♊35'21	-4.9m
	6511 Nov 06 10:57	0°♋		retrograde	6514 May 18 04:22	28°♊35'58	
	6511 Nov 30 18:13	0°♈		evening set	6514 Jun 03 07:13	23°♊31'15	
morning set	6511 Dec 01 19:48	1°♈19'14		inferior conj	6514 Jun 08 03:44	20°♊34'11	5°28'51
	6511 Dec 24 21:47	0°♉		minimum elong	6514 Jun 08 13:55	20°♊18'20	5°26'15
max. Earth dist.	6512 Jan 06 07:53	15°♉28'57	1.71937 AU	min. Earth dist.	6514 Jun 08 01:18	20°♊37'58	0.27676 AU
				morning rise	6514 Jun 13 21:03	17°♊08'54	
superior conj	6512 Jan 09 01:43	18°♉54'21	0°13'53	direct	6514 Jun 29 02:18	12°♊39'27	
minimum elong	6512 Jan 09 05:04	19°♉04'51	0°13'46	desc. node	6514 Jul 01 15:07	12°♊46'56	
behind sun begin	6512 Jan 08 15:56	18°♉23'52		greatest brilliancy	6514 Jul 08 20:04	14°♊24'22	-4.8m
behind sun end	6512 Jan 09 18:12	19°♉45'50			6514 Aug 02 16:38	0°☿	
desc. node	6512 Jan 14 19:46	26°♉05'29		morning max el	6514 Aug 17 04:21	13°☿04'24	45°53'24
	6512 Jan 17 22:49	0°♊			6514 Sep 02 23:02	0°♌	
	6512 Feb 10 21:59	0°♈			6514 Sep 30 09:24	0°♍	
evening rise	6512 Feb 18 00:36	8°♈54'52		asc. node	6514 Oct 22 15:42	25°♍37'29	
	6512 Mar 05 20:03	0°♍			6514 Oct 26 09:16	0°♊	
	6512 Mar 29 18:42	0°♄			6514 Nov 20 13:16	0°♋	
	6512 Apr 22 20:41	0°♊			6514 Dec 15 04:25	0°♈	
asc. node	6512 May 06 20:14	17°♊16'03			6515 Jan 08 11:24	0°♉	
	6512 May 17 05:25	0°☿			6515 Feb 01 13:15	0°♊	
	6512 Jun 11 01:08	0°♌		desc. node	6515 Feb 11 07:43	12°♊13'35	
	6512 Jul 06 14:53	0°♍		morning set	6515 Feb 12 10:53	13°♊38'40	
	6512 Aug 02 15:24	0°♊			6515 Feb 25 11:50	0°♈	
evening max el	6512 Aug 20 02:15	17°♊44'28	45°37'01		6515 Mar 21 08:32	0°♍	
desc. node	6512 Aug 26 12:48	23°♊46'02					
	6512 Sep 02 16:18	0°♋		superior conj	6515 Mar 25 13:05	5°♍16'14	-1°20'40
greatest brilliancy	6512 Sep 27 20:35	15°♋46'24	-4.7m	minimum elong	6515 Mar 25 04:23	4°♍48'53	1°20'30
retrograde	6512 Oct 07 19:21	17°♋32'59		max. Earth dist.	6515 Mar 25 19:38	5°♍36'50	1.71166 AU
evening set	6512 Oct 25 22:00	11°♋24'41			6515 Apr 14 05:00	0°♄	
inferior conj	6512 Oct 29 05:01	9°♋22'19	-8°29'24	evening rise	6515 May 05 05:42	26°♄22'31	
minimum elong	6512 Oct 29 08:42	9°♋16'33	8°29'10		6515 May 08 03:14	0°♊	
min. Earth dist.	6512 Oct 29 17:08	9°♋03'19	0.28935 AU		6515 Jun 01 05:09	0°☿	
morning rise	6512 Nov 01 19:18	7°♋08'52		asc. node	6515 Jun 04 08:01	3°☿52'02	
direct	6512 Nov 19 18:13	1°♋04'53			6515 Jun 25 12:22	0°♌	
greatest brilliancy	6512 Nov 30 15:17	3°♋15'26	-4.8m		6515 Jul 20 02:32	0°♍	
asc. node	6512 Dec 17 13:14	13°♋11'49			6515 Aug 14 02:32	0°♊	
	6513 Jan 05 16:49	0°♈			6515 Sep 08 18:01	0°♋	
morning max el	6513 Jan 08 15:58	2°♈55'22	46°22'20	desc. node	6515 Sep 24 00:30	17°♋19'06	
	6513 Feb 02 23:56	0°♉			6515 Oct 05 12:55	0°♈	
	6513 Feb 28 21:10	0°♊		evening max el	6515 Oct 31 17:30	26°♈58'04	45°56'37
	6513 Mar 25 19:32	0°♈			6515 Nov 03 22:14	0°♉	
desc. node	6513 Apr 08 05:41	16°♈24'28		greatest brilliancy	6515 Dec 10 10:06	25°♉40'18	-4.8m
	6513 Apr 19 07:00	0°♍		retrograde	6515 Dec 19 19:41	27°♉18'11	
	6513 May 13 13:26	0°♄		evening set	6516 Jan 03 13:54	23°♉05'14	
	6513 Jun 06 18:25	0°♊		inferior conj	6516 Jan 09 15:43	19°♉31'23	-1°22'18
	6513 Jul 01 00:09	0°☿		minimum elong	6516 Jan 09 18:51	19°♉26'36	1°21'16
morning set	6513 Jul 13 23:42	16°☿02'16		min. Earth dist.	6516 Jan 10 06:28	19°♉08'45	0.27249 AU
	6513 Jul 25 07:16	0°♌		asc. node	6516 Jan 15 01:11	16°♉18'07	
asc. node	6513 Jul 30 05:46	6°♌05'26		morning rise	6516 Jan 15 22:58	15°♉48'11	
	6513 Aug 18 15:21	0°♍		direct	6516 Jan 30 11:45	11°♉36'13	
				greatest brilliancy	6516 Feb 10 08:19	13°♉48'22	-4.9m
superior conj	6513 Aug 20 11:14	2°♍15'07	0°48'10		6516 Mar 05 15:06	0°♊	
minimum elong	6513 Aug 20 02:36	1°♍48'32	0°47'47	morning max el	6516 Mar 21 01:15	14°♊36'12	46°58'21
max. Earth dist.	6513 Aug 21 06:57	3°♍15'52	1.73310 AU		6516 Apr 04 16:07	0°♈	
	6513 Sep 11 23:56	0°♊			6516 May 01 04:33	0°♍	
evening rise	6513 Sep 25 17:40	16°♊54'28		desc. node	6516 May 05 17:38	5°♍18'29	
	6513 Oct 06 09:11	0°♋			6516 May 26 13:33	0°♄	
	6513 Oct 30 19:53	0°♈			6516 Jun 20 11:19	0°♊	
desc. node	6513 Nov 18 22:04	23°♈21'08			6516 Jul 15 04:33	0°☿	
	6513 Nov 24 08:44	0°♉			6516 Aug 08 19:44	0°♌	
	6513 Dec 19 00:03	0°♊		asc. node	6516 Aug 26 17:47	21°♌52'58	
	6514 Jan 12 18:51	0°♈			6516 Sep 02 08:59	0°♍	
	6514 Feb 06 21:19	0°♍		morning set	6516 Sep 20 19:57	22°♍37'58	

	6516 Sep 26 19:47	0°♌		inferior conj	6519 Mar 24 11:49	4°♏13'24	8°24'54
	6516 Oct 21 04:05	0°♍		minimum elong	6519 Mar 24 03:38	4°♏25'58	8°23'50
max. Earth dist.	6516 Oct 25 11:16	5°♍18'35	1.73128 AU	min. Earth dist.	6519 Mar 24 01:06	4°♏29'52	0.26959 AU
				morning rise	6519 Mar 27 14:18	2°♏20'28	
superior conj	6516 Oct 27 07:26	7°♍35'00	1°24'35		6519 Mar 31 19:48	30°♏	
minimum elong	6516 Oct 27 10:25	7°♍44'15	1°24'35	direct	6519 Apr 14 01:37	26°♏28'50	
	6516 Nov 14 10:35	0°♏		greatest brilliancy	6519 Apr 23 10:06	28°♏08'55	-4.9m
evening rise	6516 Dec 03 14:24	23°♏43'09			6519 Apr 27 22:26	0°♏	
	6516 Dec 08 16:07	0°♏		desc. node	6519 Jun 03 05:23	28°♏48'04	
desc. node	6516 Dec 16 09:54	9°♏35'28		morning max el	6519 Jun 03 06:51	28°♏51'43	46°39'51
	6517 Jan 01 20:59	0°♏			6519 Jun 04 10:14	0°♏	
	6517 Jan 26 01:22	0°♏			6519 Jul 02 12:48	0°♏	
	6517 Feb 19 06:18	0°♏			6519 Jul 28 20:07	0°♏	
	6517 Mar 15 14:47	0°♏			6519 Aug 23 10:01	0°♏	
asc. node	6517 Apr 08 10:23	28°♏53'42			6519 Sep 17 13:42	0°♏	
	6517 Apr 09 08:32	0°♏		asc. node	6519 Sep 24 05:41	8°♏01'20	
	6517 May 04 21:48	0°♏			6519 Oct 12 09:14	0°♏	
	6517 Jun 01 06:19	0°♏			6519 Nov 05 21:47	0°♏	
evening max el	6517 Jun 08 00:34	6°♏50'46	46°13'59	morning set	6519 Nov 29 12:04	29°♏07'35	
	6517 Jul 05 04:31	0°♏			6519 Nov 30 05:00	0°♏	
greatest brilliancy	6517 Jul 16 13:46	6°♏04'31	-4.8m		6519 Dec 24 08:34	0°♏	
retrograde	6517 Jul 27 16:52	8°♏20'49		max. Earth dist.	6520 Jan 03 18:59	13°♏00'08	1.71981 AU
desc. node	6517 Jul 29 03:04	8°♏18'22					
evening set	6517 Aug 12 02:52	3°♏43'28		superior conj	6520 Jan 06 15:09	16°♏32'43	0°17'30
min. Earth dist.	6517 Aug 17 14:16	0°♏26'22	0.28773 AU	minimum elong	6520 Jan 06 19:20	16°♏45'46	0°17'21
inferior conj	6517 Aug 18 04:00	0°♏04'53	-4°35'27	desc. node	6520 Jan 13 21:53	25°♏38'09	
minimum elong	6517 Aug 17 19:09	0°♏18'44	4°33'13		6520 Jan 17 09:42	0°♏	
	6517 Aug 18 07:08	30°♏			6520 Feb 10 08:57	0°♏	
morning rise	6517 Aug 23 11:48	26°♏51'10		evening rise	6520 Feb 15 12:16	6°♏26'28	
direct	6517 Sep 08 13:44	21°♏53'54			6520 Mar 05 07:07	0°♏	
greatest brilliancy	6517 Sep 18 12:59	23°♏41'10	-4.7m		6520 Mar 29 05:57	0°♏	
	6517 Oct 01 01:45	0°♏			6520 Apr 22 08:13	0°♏	
morning max el	6517 Oct 27 07:55	21°♏40'00	45°44'17	asc. node	6520 May 05 22:10	16°♏45'58	
	6517 Nov 04 18:19	0°♏			6520 May 16 17:22	0°♏	
asc. node	6517 Nov 19 03:32	15°♏07'36			6520 Jun 10 13:47	0°♏	
	6517 Dec 02 13:46	0°♏			6520 Jul 06 04:56	0°♏	
	6517 Dec 28 09:57	0°♏			6520 Aug 02 08:51	0°♏	
	6518 Jan 22 07:44	0°♏		evening max el	6520 Aug 17 17:39	15°♏32'48	45°37'24
	6518 Feb 15 17:36	0°♏		desc. node	6520 Aug 25 14:50	22°♏52'57	
desc. node	6518 Mar 10 19:39	28°♏41'21			6520 Sep 02 23:42	0°♏	
	6518 Mar 11 20:52	0°♏		greatest brilliancy	6520 Sep 25 11:44	13°♏36'24	-4.7m
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	6518 Apr 28 18:53	0°♏		evening set	6520 Oct 23 14:42	9°♏13'46	
morning set	6518 Apr 30 01:50	1°♏36'57		inferior conj	6520 Oct 26 21:09	7°♏12'01	-8°32'29
	6518 May 22 17:59	0°♏		minimum elong	6520 Oct 27 00:05	7°♏07'24	8°32'19
				min. Earth dist.	6520 Oct 27 08:17	6°♏54'32	0.28970 AU
superior conj	6518 Jun 08 16:08	21°♏06'57	-0°52'19	morning rise	6520 Oct 30 09:23	5°♏01'21	
minimum elong	6518 Jun 09 02:31	21°♏39'19	0°51'56		6520 Nov 10 00:48	30°♏	
max. Earth dist.	6518 Jun 12 05:27	25°♏32'32	1.72181 AU	direct	6520 Nov 17 10:31	28°♏54'24	
	6518 Jun 15 19:27	0°♏			6520 Nov 25 01:47	0°♏	
asc. node	6518 Jul 01 19:56	19°♏53'00		greatest brilliancy	6520 Nov 28 06:37	1°♏03'22	-4.8m
	6518 Jul 10 00:05	0°♏		asc. node	6520 Dec 16 15:22	12°♏04'45	
evening rise	6518 Jul 17 07:46	9°♏02'40			6521 Jan 05 15:19	0°♏	
	6518 Aug 03 08:03	0°♏		morning max el	6521 Jan 06 06:21	0°♏37'18	46°20'33
	6518 Aug 27 19:44	0°♏			6521 Feb 02 15:57	0°♏	
	6518 Sep 21 12:23	0°♏			6521 Feb 28 10:57	0°♏	
	6518 Oct 16 12:06	0°♏			6521 Mar 25 08:12	0°♏	
desc. node	6518 Oct 21 12:12	5°♏57'10		desc. node	6521 Apr 07 07:38	15°♏52'46	
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	6518 Dec 06 23:00	0°♏			6521 May 13 01:00	0°♏	
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evening max el	6519 Jan 12 11:33	9°♏21'37	46°48'52		6521 Jun 30 11:12	0°♏	
	6519 Feb 04 12:07	0°♏		morning set	6521 Jul 11 15:38	13°♏49'26	
asc. node	6519 Feb 11 12:59	4°♏54'48			6521 Jul 24 18:09	0°♏	
greatest brilliancy	6519 Feb 21 21:21	10°♏08'11	-4.9m	asc. node	6521 Jul 29 07:49	5°♏38'16	
retrograde	6519 Mar 03 21:32	12°♏01'58					
evening set	6519 Mar 20 17:07	6°♏30'39		superior conj	6521 Aug 18 04:36	0°♏07'38	0°45'25

minimum elong	6521 Aug 17 20:15	29° Ω 41'53	0°45'02			6524 Mar 05 21:40	0° \approx	
	6521 Aug 18 02:08	0° Π		morning max el		6524 Mar 18 16:26	12° \approx 16'06	46°57'46
max. Earth dist.	6521 Aug 19 01:48	1° Π 12'56	1.73287 AU			6524 Apr 04 10:27	0° \mathcal{H}	
	6521 Sep 11 10:41	0° Ω				6524 Apr 30 19:29	0° Υ	
evening rise	6521 Sep 23 11:48	14° Ω 49'20		desc. node		6524 May 04 19:38	4° Υ 41'38	
	6521 Oct 05 20:03	0° \mathcal{M}				6524 May 26 02:53	0° \mathcal{B}	
	6521 Oct 30 07:00	0° \mathcal{J}				6524 Jun 19 23:42	0° Π	
desc. node	6521 Nov 18 00:06	22° \mathcal{J} 52'36				6524 Jul 14 16:19	0° \mathcal{G}	
	6521 Nov 23 20:14	0° \mathcal{Z}				6524 Aug 08 07:04	0° Ω	
	6521 Dec 18 12:07	0° \approx		asc. node		6524 Aug 25 19:41	21° Ω 24'44	
	6522 Jan 12 07:46	0° \mathcal{H}				6524 Sep 01 20:03	0° Π	
	6522 Feb 06 11:36	0° Υ		morning set		6524 Sep 18 13:16	20° Π 30'07	
	6522 Mar 04 12:18	0° \mathcal{B}				6524 Sep 26 06:41	0° Ω	
asc. node	6522 Mar 11 00:36	7° \mathcal{B} 12'24				6524 Oct 20 14:57	0° \mathcal{M}	
evening max el	6522 Mar 26 05:00	23° \mathcal{B} 14'42	47°01'21	max. Earth dist.		6524 Oct 23 08:18	3° \mathcal{M} 21'45	1.73152 AU
	6522 Apr 02 01:15	0° Π						
greatest brilliancy	6522 May 05 11:51	24° Π 16'17	-4.9m	superior conj		6524 Oct 25 00:52	5° \mathcal{M} 27'02	1°25'02
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evening set	6522 Jun 01 00:36	21° Π 06'31				6524 Nov 13 21:30	0° \mathcal{J}	
inferior conj	6522 Jun 05 17:56	18° Π 14'12	5°46'48	evening rise		6524 Dec 01 06:02	21° \mathcal{J} 28'55	
minimum elong	6522 Jun 06 04:21	17° Π 57'58	5°44'13			6524 Dec 08 03:08	0° \mathcal{Z}	
min. Earth dist.	6522 Jun 05 16:09	18° Π 16'58	0.27647 AU	desc. node		6524 Dec 15 12:01	9° \mathcal{Z} 07'39	
morning rise	6522 Jun 11 08:27	14° Π 52'34				6525 Jan 01 08:12	0° \approx	
direct	6522 Jun 26 15:31	10° Π 19'47				6525 Jan 25 12:53	0° \mathcal{H}	
desc. node	6522 Jun 30 17:14	10° Π 38'50				6525 Feb 18 18:12	0° Υ	
greatest brilliancy	6522 Jul 06 10:09	12° Π 05'05	-4.8m			6525 Mar 15 03:15	0° \mathcal{B}	
	6522 Aug 02 23:48	0° \mathcal{G}		asc. node		6525 Apr 07 12:19	28° \mathcal{B} 19'26	
morning max el	6522 Aug 14 18:04	10° \mathcal{G} 46'10	45°54'41			6525 Apr 08 21:58	0° Π	
	6522 Sep 02 16:57	0° Ω				6525 May 04 13:08	0° \mathcal{G}	
	6522 Sep 29 23:39	0° Π				6525 Jun 01 02:32	0° Ω	
asc. node	6522 Oct 21 17:39	25° Π 05'36		evening max el		6525 Jun 05 16:42	4° Ω 37'12	46°15'52
	6522 Oct 25 21:54	0° Ω				6525 Jul 06 09:23	0° Π	
	6522 Nov 20 01:05	0° \mathcal{M}		greatest brilliancy		6525 Jul 14 05:16	3° Π 51'31	-4.8m
	6522 Dec 14 15:50	0° \mathcal{J}		retrograde		6525 Jul 25 09:37	6° Π 08'42	
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morning set	6523 Feb 09 22:17	11° \approx 09'10				6525 Aug 12 09:37	30° \mathcal{R} Ω	
desc. node	6523 Feb 10 09:42	11° \approx 44'57		min. Earth dist.		6525 Aug 15 05:38	28° Ω 15'08	0.28733 AU
	6523 Feb 24 22:57	0° \mathcal{H}		inferior conj		6525 Aug 15 19:49	27° Ω 52'58	-4°18'02
	6523 Mar 20 19:40	0° Υ		minimum elong		6525 Aug 15 11:21	28° Ω 06'13	4°15'51
				morning rise		6525 Aug 21 06:03	24° Ω 36'10	
superior conj	6523 Mar 22 23:40	2° Υ 43'33	-1°19'02	direct		6525 Sep 06 05:39	19° Ω 42'39	
minimum elong	6523 Mar 22 14:13	2° Υ 13'50	1°18'50	greatest brilliancy		6525 Sep 16 03:33	21° Ω 29'13	-4.7m
max. Earth dist.	6523 Mar 22 22:16	2° Υ 39'11	1.71168 AU			6525 Oct 01 23:19	0° Π	
	6523 Apr 13 16:09	0° \mathcal{B}		morning max el		6525 Oct 25 00:03	19° Π 29'50	45°43'43
evening rise	6523 May 02 16:32	23° \mathcal{B} 51'19				6525 Nov 04 13:40	0° Ω	
	6523 May 07 14:24	0° Π		asc. node		6525 Nov 18 05:39	14° Ω 28'40	
	6523 May 31 16:23	0° \mathcal{G}				6525 Dec 02 04:33	0° \mathcal{M}	
asc. node	6523 Jun 03 10:06	3° \mathcal{G} 23'38				6525 Dec 27 22:56	0° \mathcal{J}	
	6523 Jun 24 23:47	0° Ω				6526 Jan 21 19:51	0° \mathcal{Z}	
	6523 Jul 19 14:20	0° Π				6526 Feb 15 05:15	0° \approx	
	6523 Aug 13 15:01	0° Ω		desc. node		6526 Mar 09 21:36	28° \approx 11'55	
	6523 Sep 08 07:50	0° \mathcal{M}				6526 Mar 11 08:15	0° \mathcal{H}	
desc. node	6523 Sep 23 02:24	16° \mathcal{M} 42'19				6526 Apr 04 07:44	0° Υ	
	6523 Oct 05 05:34	0° \mathcal{J}		morning set		6526 Apr 27 13:29	29° Υ 08'21	
evening max el	6523 Oct 29 07:19	24° \mathcal{J} 40'23	45°55'18			6526 Apr 28 05:57	0° \mathcal{B}	
	6523 Nov 03 23:36	0° \mathcal{Z}				6526 May 22 04:58	0° Π	
greatest brilliancy	6523 Dec 07 23:31	23° \mathcal{Z} 19'52	-4.8m					
retrograde	6523 Dec 17 09:22	24° \mathcal{Z} 57'57		superior conj		6526 Jun 06 05:34	18° Π 45'06	-0°55'14
evening set	6524 Jan 01 05:10	20° \mathcal{Z} 42'02		minimum elong		6526 Jun 06 16:15	19° Π 18'23	0°54'52
inferior conj	6524 Jan 07 05:29	17° \mathcal{Z} 10'18	-1°44'54	max. Earth dist.		6526 Jun 09 20:52	23° Π 17'03	1.72137 AU
minimum elong	6524 Jan 07 09:26	17° \mathcal{Z} 04'14	1°43'37			6526 Jun 15 06:24	0° \mathcal{G}	
min. Earth dist.	6524 Jan 07 21:08	16° \mathcal{Z} 46'17	0.27303 AU	asc. node		6526 Jun 30 21:56	19° \mathcal{G} 25'18	
morning rise	6524 Jan 13 12:54	13° \mathcal{Z} 27'04				6526 Jul 09 11:02	0° Ω	
asc. node	6524 Jan 14 03:10	13° \mathcal{Z} 08'03		evening rise		6526 Jul 14 23:37	6° Ω 49'38	
direct	6524 Jan 28 02:08	9° \mathcal{Z} 14'03				6526 Aug 02 19:04	0° Π	
greatest brilliancy	6524 Feb 07 23:52	11° \mathcal{Z} 27'41	-4.9m			6526 Aug 27 06:56	0° Ω	



























































































































	6526 Sep 20 23:58	0°♌		6529 Feb 28 00:29	0°♏	
	6526 Oct 16 00:22	0°♊		6529 Mar 24 20:39	0°♋	
desc. node	6526 Oct 20 14:15	5°♊26'20		6529 Apr 06 09:36	15°♋21'39	
	6526 Nov 10 11:16	0°♊		6529 Apr 18 06:49	0°♌	
	6526 Dec 06 14:35	0°♋		6529 May 12 12:22	0°♍	
	6527 Jan 03 04:47	0°♋		6529 Jun 05 16:45	0°♎	
evening max el	6527 Jan 10 02:13	7°♋00'44 46°47'23		6529 Jun 29 22:01	0°♏	
	6527 Feb 05 09:06	0°♌		6529 Jul 09 07:42	11°♏37'42	
asc. node	6527 Feb 10 14:56	3°♌25'04		6529 Jul 24 04:48	0°♐	
greatest brilliancy	6527 Feb 19 10:21	7°♌41'35 -4.9m		6529 Jul 28 09:42	5°♐11'15	
retrograde	6527 Mar 01 10:36	9°♌34'53				
evening set	6527 Mar 18 01:35	4°♌10'46		superior conj	6529 Aug 15 22:00	28°♐00'48 0°42'37
min. Earth dist.	6527 Mar 21 13:45	2°♌03'41 0.26935 AU		minimum elong	6529 Aug 15 13:58	27°♐36'03 0°42'15
inferior conj	6527 Mar 22 00:37	1°♌46'59 8°14'57		max. Earth dist.	6529 Aug 16 19:50	29°♐08'04 1.73271 AU
minimum elong	6527 Mar 21 15:48	2°♌00'32 8°13'43			6529 Aug 17 12:42	0°♑
	6527 Mar 24 22:59	30°♋♋			6529 Sep 10 21:17	0°♒
morning rise	6527 Mar 25 06:11	29°♋49'20		evening rise	6529 Sep 21 05:49	12°♒44'22
direct	6527 Apr 11 14:36	24°♋02'59			6529 Oct 05 06:48	0°♌
greatest brilliancy	6527 Apr 20 22:47	25°♋42'39 -4.9m			6529 Oct 29 18:01	0°♊
	6527 Apr 30 00:53	0°♌		desc. node	6529 Nov 17 02:08	22°♊24'25
morning max el	6527 May 31 19:46	26°♌27'23 46°41'07			6529 Nov 23 07:38	0°♋
desc. node	6527 Jun 02 07:31	27°♌56'45			6529 Dec 18 00:04	0°♌
	6527 Jun 04 08:18	0°♍			6530 Jan 11 20:34	0°♋
	6527 Jul 02 04:49	0°♎			6530 Feb 06 01:50	0°♌
	6527 Jul 28 09:46	0°♏			6530 Mar 04 05:25	0°♍
	6527 Aug 22 22:26	0°♐		asc. node	6530 Mar 10 02:36	6°♍28'15
	6527 Sep 17 01:23	0°♑		evening max el	6530 Mar 23 17:55	20°♍49'41 47°02'11
asc. node	6527 Sep 23 07:40	7°♑32'34			6530 Apr 02 03:12	0°♎
	6527 Oct 11 20:27	0°♒		greatest brilliancy	6530 May 03 03:39	21°♎57'28 -4.9m
	6527 Nov 05 08:44	0°♌		retrograde	6530 May 13 08:37	23°♎55'40
morning set	6527 Nov 27 04:05	26°♌54'58		evening set	6530 May 29 18:00	18°♎42'21
	6527 Nov 29 15:50	0°♊		inferior conj	6530 Jun 03 08:07	15°♎55'03 6°04'06
	6527 Dec 23 19:26	0°♋		minimum elong	6530 Jun 03 18:43	15°♎38'34 6°01'34
max. Earth dist.	6528 Jan 01 05:45	10°♋30'10 1.72025 AU		min. Earth dist.	6530 Jun 03 06:50	15°♎57'01 0.27619 AU
				morning rise	6530 Jun 08 19:41	12°♎37'36
superior conj	6528 Jan 04 04:37	14°♋11'08 0°21'06		direct	6530 Jun 24 04:33	8°♎00'49
minimum elong	6528 Jan 04 09:35	14°♋26'35 0°20'54		desc. node	6530 Jun 29 19:05	8°♎36'34
desc. node	6528 Jan 12 23:48	25°♋10'02		greatest brilliancy	6530 Jul 04 00:08	9°♎46'49 -4.8m
	6528 Jan 16 20:38	0°♌			6530 Aug 03 04:16	0°♏
	6528 Feb 09 19:58	0°♋		morning max el	6530 Aug 12 08:35	8°♏30'59 45°56'00
evening rise	6528 Feb 13 00:04	3°♋58'26			6530 Sep 02 10:01	0°♐
	6528 Mar 04 18:14	0°♌			6530 Sep 29 13:24	0°♑
	6528 Mar 28 17:11	0°♍		asc. node	6530 Oct 20 19:43	24°♑35'07
	6528 Apr 21 19:40	0°♎			6530 Oct 25 10:10	0°♒
asc. node	6528 May 05 00:17	16°♎16'43			6530 Nov 19 12:38	0°♌
	6528 May 16 05:14	0°♏			6530 Dec 14 02:59	0°♊
	6528 Jun 10 02:24	0°♐			6531 Jan 07 09:33	0°♋
	6528 Jul 05 19:05	0°♑			6531 Jan 31 11:13	0°♌
	6528 Aug 02 02:45	0°♒		morning set	6531 Feb 07 09:37	8°♌40'28
evening max el	6528 Aug 15 08:14	13°♒18'50 45°37'41		desc. node	6531 Feb 09 11:36	11°♌16'59
desc. node	6528 Aug 24 16:46	21°♒58'10			6531 Feb 24 09:44	0°♋
	6528 Sep 03 10:06	0°♌				
greatest brilliancy	6528 Sep 23 02:53	11°♌25'42 -4.7m		superior conj	6531 Mar 20 10:04	0°♌11'20 -1°17'14
retrograde	6528 Oct 03 01:42	13°♌12'48		minimum elong	6531 Mar 19 23:58	29°♋39'33 1°17'01
evening set	6528 Oct 21 06:51	7°♌02'43		max. Earth dist.	6531 Mar 20 04:37	29°♋54'12 1.71171 AU
inferior conj	6528 Oct 24 13:09	5°♌01'13 -8°34'41			6531 Mar 20 06:28	0°♌
minimum elong	6528 Oct 24 15:18	4°♌57'49 8°34'36			6531 Apr 13 02:58	0°♍
min. Earth dist.	6528 Oct 24 23:35	4°♌44'48 0.29004 AU		evening rise	6531 Apr 30 03:24	21°♍21'11
morning rise	6528 Oct 27 23:38	2°♌53'00			6531 May 07 01:14	0°♎
	6528 Nov 02 04:12	30°♋♒			6531 May 31 03:17	0°♏
direct	6528 Nov 15 02:10	26°♒43'16		asc. node	6531 Jun 02 12:05	2°♏55'58
greatest brilliancy	6528 Nov 25 22:24	28°♒51'36 -4.8m			6531 Jun 24 10:50	0°♐
	6528 Nov 28 16:00	0°♌			6531 Jul 19 01:44	0°♑
asc. node	6528 Dec 15 17:22	10°♌59'03			6531 Aug 13 03:08	0°♒
morning max el	6529 Jan 03 20:23	28°♌18'32 46°18'55			6531 Sep 07 21:19	0°♌
	6529 Jan 05 12:57	0°♊		desc. node	6531 Sep 22 04:27	16°♌06'51
	6529 Feb 02 07:38	0°♋			6531 Oct 04 22:09	0°♊

evening max el	6531 Oct 26 21:53	22°  25'32	45°53'45		6534 Apr 27 16:46	0° 	
	6531 Nov 04 02:04	0° 			6534 May 21 15:39	0° 	
greatest brilliancy	6531 Dec 05 12:23	20°  59'24	-4.8m				
retrograde	6531 Dec 14 23:01	22°  37'47		superior conj	6534 Jun 03 18:44	16°  23'21	-0°58'04
evening set	6531 Dec 29 20:26	18°  38'55		minimum elong	6534 Jun 04 05:38	16°  57'20	0°57'43
inferior conj	6532 Jan 04 19:00	14°  349'17	-2°07'22	max. Earth dist.	6534 Jun 07 13:11	21°  05'13	1.72085 AU
minimum elong	6532 Jan 04 23:46	14°  341'59	2°05'50		6534 Jun 14 17:01	0° 	
min. Earth dist.	6532 Jan 05 11:21	14°  324'13	0.27359 AU	asc. node	6534 Jun 29 23:50	18°  58'19	
morning rise	6532 Jan 11 02:22	11°  306'19			6534 Jul 08 21:39	0° 	
asc. node	6532 Jan 13 05:05	10°  301'21		evening rise	6534 Jul 12 15:22	4°  37'14	
direct	6532 Jan 25 16:47	6°  352'10			6534 Aug 02 05:46	0° 	
greatest brilliancy	6532 Feb 05 14:43	9°  306'32	-4.9m		6534 Aug 26 17:49	0° 	
	6532 Mar 06 01:55	0° 			6534 Sep 20 11:13	0° 	
morning max el	6532 Mar 16 07:50	9°  57'26	46°57'14		6534 Oct 15 12:19	0° 	
	6532 Apr 04 04:02	0° 		desc. node	6534 Oct 19 16:19	4°  56'36	
	6532 Apr 30 09:51	0° 			6534 Nov 10 00:25	0° 	
desc. node	6532 May 03 21:44	4°  06'24			6534 Dec 06 06:01	0° 	
	6532 May 25 15:43	0° 			6535 Jan 03 01:38	0° 	
	6532 Jun 19 11:38	0° 		evening max el	6535 Jan 07 15:56	4°  38'22	46°45'31
	6532 Jul 14 03:38	0° 			6535 Feb 06 13:39	0° 	
	6532 Aug 07 17:58	0° 		asc. node	6535 Feb 09 16:57	1°  05'20	
asc. node	6532 Aug 24 21:42	20°  358'12		greatest brilliancy	6535 Feb 16 23:34	5°  00'17	-4.9m
	6532 Sep 01 06:40	0° 		retrograde	6535 Feb 26 22:48	7°  07'31	
morning set	6532 Sep 16 06:53	18°  324'36		evening set	6535 Mar 15 09:42	1°  05'04	
	6532 Sep 25 17:09	0° 			6535 Mar 18 11:25	30°  00'00	
	6532 Oct 20 01:23	0° 		min. Earth dist.	6535 Mar 19 02:41	29°  36'32	0.26917 AU
max. Earth dist.	6532 Oct 21 05:32	1°  326'53	1.73178 AU	inferior conj	6535 Mar 19 13:10	29°  38'22	8°03'54
				minimum elong	6535 Mar 19 03:48	29°  34'49	8°02'28
superior conj	6532 Oct 22 18:33	3°  321'09	1°25'22	morning rise	6535 Mar 22 22:00	27°  38'17	40'17
minimum elong	6532 Oct 22 20:08	3°  326'02	1°25'24	direct	6535 Apr 09 02:53	21°  36'34	
	6532 Nov 13 08:00	0° 		greatest brilliancy	6535 Apr 18 12:09	23°  38'16	-4.9m
evening rise	6532 Nov 28 21:44	19°  316'03			6535 May 01 10:34	0° 	
	6532 Dec 07 13:50	0° 		morning max el	6535 May 29 07:49	24°  00'47	46°42'35
desc. node	6532 Dec 14 13:57	8°  340'18		desc. node	6535 Jun 01 09:24	27°  05'49	
	6532 Dec 31 19:10	0° 			6535 Jun 04 05:30	0° 	
	6533 Jan 25 00:09	0° 			6535 Jul 01 20:25	0° 	
	6533 Feb 18 05:52	0° 			6535 Jul 27 23:05	0° 	
	6533 Mar 14 15:28	0° 			6535 Aug 22 10:31	0° 	
asc. node	6533 Apr 06 14:25	27°  346'33			6535 Sep 16 12:44	0° 	
	6533 Apr 08 11:09	0° 		asc. node	6535 Sep 22 09:42	7°  04'48	
	6533 May 04 04:16	0° 			6535 Oct 11 07:22	0° 	
	6533 May 31 22:55	0° 			6535 Nov 04 19:25	0° 	
evening max el	6533 Jun 03 09:18	2°  325'59	46°17'47	morning set	6535 Nov 24 20:35	24°  34'40	
	6533 Jul 08 02:12	0° 			6535 Nov 29 02:25	0° 	
greatest brilliancy	6533 Jul 11 21:24	1°  340'42	-4.8m		6535 Dec 23 06:02	0° 	
retrograde	6533 Jul 23 02:15	3°  357'56		max. Earth dist.	6535 Dec 29 19:02	8°  308'58	1.72072 AU
desc. node	6533 Jul 27 07:01	3°  336'38					
	6533 Aug 06 06:21	30°  300'00		superior conj	6536 Jan 01 18:42	11°  352'18	0°24'35
evening set	6533 Aug 07 07:41	29°  325'39		minimum elong	6536 Jan 02 00:23	12°  310'02	0°24'21
inferior conj	6533 Aug 13 11:45	25°  342'36	-4°00'17	desc. node	6536 Jan 12 01:46	24°  342'56	
minimum elong	6533 Aug 13 03:42	25°  355'13	3°58'10		6536 Jan 16 07:18	0° 	
min. Earth dist.	6533 Aug 12 21:16	26°  305'15	0.28689 AU		6536 Feb 09 06:45	0° 	
morning rise	6533 Aug 19 00:17	22°  322'42		evening rise	6536 Feb 10 12:19	1°  32'34	
direct	6533 Sep 03 21:47	17°  333'09			6536 Mar 04 05:11	0° 	
greatest brilliancy	6533 Sep 13 17:59	19°  318'32	-4.7m		6536 Mar 28 04:21	0° 	
	6533 Oct 02 14:31	0° 			6536 Apr 21 07:07	0° 	
morning max el	6533 Oct 22 15:43	17°  320'05	45°43'12	asc. node	6536 May 04 02:12	15°  346'53	
	6533 Nov 04 07:54	0° 			6536 May 15 17:06	0° 	
asc. node	6533 Nov 17 07:36	13°  351'04			6536 Jun 09 15:02	0° 	
	6533 Dec 01 18:40	0° 			6536 Jul 05 09:18	0° 	
	6533 Dec 27 11:27	0° 			6536 Aug 01 20:57	0° 	
	6534 Jan 21 07:36	0° 		evening max el	6536 Aug 12 22:29	11°  3504'31	45°38'16
	6534 Feb 14 16:38	0° 		desc. node	6536 Aug 23 18:49	21°  3502'59	
desc. node	6534 Mar 08 23:41	27°  3543'35			6536 Sep 03 23:47	0° 	
	6534 Mar 10 19:23	0° 		greatest brilliancy	6536 Sep 20 17:39	9°  315'22	-4.7m
	6534 Apr 03 18:42	0° 		retrograde	6536 Sep 30 17:10	11°  3103'38	
morning set	6534 Apr 25 00:40	26°  39'06		evening set	6536 Oct 18 22:49	4°  3153'01	

inferior conj	6536 Oct 22 05:18	2°♌51'23	-8°36'11		6539 Mar 19 17:22	0°♑	
minimum elong	6536 Oct 22 06:40	2°♌49'14	8°36'08		6539 Apr 12 13:53	0°♑	
min. Earth dist.	6536 Oct 22 14:56	2°♌36'14	0.29034 AU	evening rise	6539 Apr 27 14:37	18°♑51'50	
morning rise	6536 Oct 25 14:22	0°♌45'20			6539 May 06 12:11	0°♑	
	6536 Oct 26 20:40	30°♌♂			6539 May 30 14:20	0°♑	
direct	6536 Nov 12 17:56	24°♌32'58		asc. node	6539 Jun 01 14:00	2°♑27'38	
greatest brilliancy	6536 Nov 23 14:40	26°♌41'20	-4.8m		6539 Jun 23 22:07	0°♑	
	6536 Nov 30 14:45	0°♌			6539 Jul 18 13:26	0°♑	
asc. node	6536 Dec 14 19:14	9°♌55'23			6539 Aug 12 15:36	0°♌	
morning max el	6537 Jan 01 11:14	26°♌02'33	46°17'27		6539 Sep 07 11:15	0°♌	
	6537 Jan 05 09:33	0°♌		desc. node	6539 Sep 21 06:30	15°♌30'12	
	6537 Feb 01 22:52	0°♌			6539 Oct 04 15:22	0°♌	
	6537 Feb 27 13:44	0°♌		evening max el	6539 Oct 24 13:05	20°♌11'40	45°52'23
	6537 Mar 24 08:55	0°♌			6539 Nov 04 06:28	0°♌	
desc. node	6537 Apr 05 11:40	14°♌51'12		greatest brilliancy	6539 Dec 03 01:31	18°♌39'19	-4.8m
	6537 Apr 17 18:31	0°♑		retrograde	6539 Dec 12 12:41	20°♌17'35	
	6537 May 11 23:44	0°♑		evening set	6539 Dec 27 12:05	15°♌55'54	
	6537 Jun 05 03:51	0°♑		inferior conj	6540 Jan 02 08:44	12°♌28'22	-2°29'21
	6537 Jun 29 08:54	0°♑		minimum elong	6540 Jan 02 14:14	12°♌19'53	2°27'38
morning set	6537 Jul 06 23:14	9°♑23'57		min. Earth dist.	6540 Jan 03 01:38	12°♌02'24	0.27414 AU
	6537 Jul 23 15:30	0°♑		morning rise	6540 Jan 08 15:45	8°♌45'45	
asc. node	6537 Jul 27 11:46	4°♑44'38		asc. node	6540 Jan 12 07:11	6°♌58'38	
				direct	6540 Jan 23 07:49	4°♌30'32	
superior conj	6537 Aug 13 14:58	25°♑52'32	0°39'43	greatest brilliancy	6540 Feb 03 05:25	6°♌44'56	-4.9m
minimum elong	6537 Aug 13 07:19	25°♑28'55	0°39'21		6540 Mar 06 04:45	0°♌	
max. Earth dist.	6537 Aug 14 13:51	27°♑03'02	1.73249 AU	morning max el	6540 Mar 13 22:51	7°♌37'17	46°56'38
	6537 Aug 16 23:18	0°♑			6540 Apr 03 21:28	0°♌	
	6537 Sep 10 07:55	0°♌			6540 Apr 30 00:15	0°♑	
evening rise	6537 Sep 18 23:45	10°♌39'13		desc. node	6540 May 02 23:37	3°♑30'12	
	6537 Oct 04 17:34	0°♌			6540 May 25 04:40	0°♌	
	6537 Oct 29 05:02	0°♌			6540 Jun 18 23:43	0°♑	
desc. node	6537 Nov 16 04:03	21°♌55'49			6540 Jul 13 15:09	0°♑	
	6537 Nov 22 19:03	0°♌			6540 Aug 07 05:07	0°♑	
	6537 Dec 17 12:04	0°♌		asc. node	6540 Aug 23 23:45	20°♑30'47	
	6538 Jan 11 09:26	0°♌			6540 Aug 31 17:36	0°♑	
	6538 Feb 05 16:10	0°♑		morning set	6540 Sep 14 00:20	16°♑17'33	
	6538 Mar 03 22:49	0°♑			6540 Sep 25 03:58	0°♌	
asc. node	6538 Mar 09 04:40	5°♌43'46		max. Earth dist.	6540 Oct 19 00:35	29°♌24'19	1.73199 AU
evening max el	6538 Mar 21 07:26	18°♌26'22	47°02'50		6540 Oct 19 12:09	0°♌	
	6538 Apr 02 06:40	0°♑					
greatest brilliancy	6538 Apr 30 18:36	19°♑37'15	-4.9m	superior conj	6540 Oct 20 12:06	1°♌13'55	1°25'34
retrograde	6538 May 10 23:09	21°♑35'25		minimum elong	6540 Oct 20 12:59	1°♌16'38	1°25'37
evening set	6538 May 27 11:20	16°♑17'13			6540 Nov 12 18:50	0°♌	
inferior conj	6538 May 31 22:11	13°♑35'00	6°20'51	evening rise	6540 Nov 26 13:21	17°♌02'03	
minimum elong	6538 Jun 01 08:53	13°♑18'24	6°18'24		6540 Dec 07 00:49	0°♌	
min. Earth dist.	6538 May 31 21:07	13°♑36'39	0.27598 AU	desc. node	6540 Dec 13 15:54	8°♌12'09	
morning rise	6538 Jun 06 06:38	10°♑22'12			6540 Dec 31 06:25	0°♌	
direct	6538 Jun 21 18:03	5°♑40'50			6541 Jan 24 11:43	0°♌	
desc. node	6538 Jun 28 21:08	6°♑38'14			6541 Feb 17 17:51	0°♑	
greatest brilliancy	6538 Jul 01 13:50	7°♑27'23	-4.8m		6541 Mar 14 04:02	0°♌	
	6538 Aug 03 07:22	0°♑		asc. node	6541 Apr 05 16:21	27°♌12'07	
morning max el	6538 Aug 09 23:58	6°♑17'03	45°57'20		6541 Apr 08 00:43	0°♑	
	6538 Sep 02 02:59	0°♑			6541 May 03 19:56	0°♑	
	6538 Sep 29 03:12	0°♑			6541 May 31 20:20	0°♑	
asc. node	6538 Oct 19 21:41	24°♑03'58		evening max el	6541 Jun 01 01:27	0°♑12'42	46°19'36
	6538 Oct 24 22:32	0°♌		greatest brilliancy	6541 Jul 09 14:04	29°♑29'40	-4.8m
	6538 Nov 19 00:15	0°♌			6541 Jul 10 23:05	0°♑	
	6538 Dec 13 14:13	0°♌		retrograde	6541 Jul 20 18:25	1°♑46'12	
	6539 Jan 06 20:36	0°♌		desc. node	6541 Jul 26 09:04	1°♑08'13	
	6539 Jan 30 22:10	0°♌			6541 Jul 30 03:31	30°♌♂	
morning set	6539 Feb 04 21:32	6°♌13'15		evening set	6541 Aug 04 22:28	27°♑16'22	
desc. node	6539 Feb 08 13:43	10°♌49'18		min. Earth dist.	6541 Aug 10 13:18	23°♑54'01	0.28648 AU
	6539 Feb 23 20:40	0°♌		inferior conj	6541 Aug 11 03:43	23°♑31'25	-3°42'11
				minimum elong	6541 Aug 10 20:09	23°♑43'17	3°40'08
superior conj	6539 Mar 17 20:55	27°♌40'09	-1°15'18	morning rise	6541 Aug 16 18:25	20°♑08'17	
minimum elong	6539 Mar 17 10:16	27°♌06'39	1°15'02	direct	6541 Sep 01 13:43	15°♑22'45	
max. Earth dist.	6539 Mar 17 13:55	27°♌18'07	1.71173 AU	greatest brilliancy	6541 Sep 11 08:56	17°♑07'09	-4.7m

	6541 Oct 03 02:21	0°♍			6544 Apr 20 18:52	0°♊	
morning max el	6541 Oct 20 06:36	15°♍07'08	45°42'39	asc. node	6544 May 03 04:09	15°♊16'14	
	6541 Nov 04 02:11	0°♌			6544 May 15 05:18	0°♌	
asc. node	6541 Nov 16 09:32	13°♌12'26			6544 Jun 09 04:04	0°♍	
	6541 Dec 01 09:04	0°♍			6544 Jul 05 00:01	0°♎	
	6541 Dec 27 00:16	0°♏			6544 Aug 01 16:00	0°♏	
	6542 Jan 20 19:40	0°♐		evening max el	6544 Aug 10 13:05	8°♏50'13	45°38'59
	6542 Feb 14 04:17	0°♑		desc. node	6544 Aug 22 20:51	20°♏05'42	
desc. node	6542 Mar 08 01:38	27°♑13'56			6544 Sep 04 18:42	0°♐	
	6542 Mar 10 06:49	0°♒		greatest brilliancy	6544 Sep 18 07:43	7°♐03'35	-4.7m
	6542 Apr 03 05:58	0°♓		retrograde	6544 Sep 28 09:08	8°♐53'53	
morning set	6542 Apr 22 11:46	24°♓08'27		evening set	6544 Oct 16 14:25	2°♐43'01	
	6542 Apr 27 03:54	0°♈		inferior conj	6544 Oct 19 21:25	0°♐40'47	-8°36'56
	6542 May 21 02:41	0°♉		minimum elong	6544 Oct 19 22:00	0°♐39'53	8°36'54
				min. Earth dist.	6544 Oct 20 05:54	0°♐27'29	0.29065 AU
superior conj	6542 Jun 01 07:56	14°♉00'34	-1°00'48		6544 Oct 20 23:27	30°♑♌	
minimum elong	6542 Jun 01 18:58	14°♉35'00	1°00'27	morning rise	6544 Oct 23 05:27	28°♏36'31	
max. Earth dist.	6542 Jun 05 04:20	18°♉48'37	1.72031 AU	direct	6544 Nov 10 10:02	22°♏21'57	
	6542 Jun 14 03:59	0°♌		greatest brilliancy	6544 Nov 21 06:38	24°♏30'16	-4.8m
asc. node	6542 Jun 29 01:55	18°♌30'54			6544 Dec 01 22:29	0°♍	
	6542 Jul 08 08:36	0°♍		asc. node	6544 Dec 13 21:22	8°♍52'58	
evening rise	6542 Jul 10 07:02	2°♍23'33		morning max el	6544 Dec 30 02:54	23°♍47'52	46°15'50
	6542 Aug 01 16:47	0°♎			6545 Jan 05 05:51	0°♏	
	6542 Aug 26 05:03	0°♏			6545 Feb 01 14:16	0°♐	
	6542 Sep 19 22:54	0°♐			6545 Feb 27 03:14	0°♑	
	6542 Oct 15 00:45	0°♑			6545 Mar 23 21:27	0°♒	
desc. node	6542 Oct 18 18:11	4°♑24'52		desc. node	6545 Apr 04 13:37	14°♒19'34	
	6542 Nov 09 14:09	0°♒			6545 Apr 17 06:28	0°♓	
	6542 Dec 05 22:10	0°♓			6545 May 11 11:17	0°♈	
	6543 Jan 02 23:45	0°♈			6545 Jun 04 15:07	0°♉	
evening max el	6543 Jan 05 04:43	2°♈12'33	46°43'49		6545 Jun 28 19:57	0°♌	
	6543 Feb 08 07:33	0°♉		morning set	6545 Jul 04 14:41	7°♌09'13	
asc. node	6543 Feb 08 18:59	0°♉15'07			6545 Jul 23 02:23	0°♍	
greatest brilliancy	6543 Feb 14 13:00	2°♉48'17	-4.9m	asc. node	6545 Jul 26 13:46	4°♍17'16	
retrograde	6543 Feb 24 10:50	4°♉39'33					
	6543 Mar 11 20:30	30°♑♒		superior conj	6545 Aug 11 07:56	23°♍43'30	0°36'45
evening set	6543 Mar 12 17:56	29°♒29'35		minimum elong	6545 Aug 11 00:41	23°♍21'08	0°36'23
min. Earth dist.	6543 Mar 16 15:52	27°♒08'23	0.26900 AU	max. Earth dist.	6545 Aug 12 08:54	25°♍00'28	1.73228 AU
inferior conj	6543 Mar 17 01:49	26°♒53'04	7°52'01		6545 Aug 16 10:07	0°♎	
minimum elong	6543 Mar 16 15:56	27°♒08'16	7°50'22		6545 Sep 09 18:45	0°♏	
morning rise	6543 Mar 20 14:01	24°♒45'17		evening rise	6545 Sep 16 17:52	8°♏34'01	
direct	6543 Apr 06 14:53	19°♒09'12			6545 Oct 04 04:31	0°♐	
greatest brilliancy	6543 Apr 16 02:05	20°♒50'39	-4.9m		6545 Oct 28 16:14	0°♑	
	6543 May 02 11:06	0°♓		desc. node	6545 Nov 15 06:07	21°♑27'11	
morning max el	6543 May 26 19:56	21°♓33'19	46°44'01		6545 Nov 22 06:40	0°♒	
desc. node	6543 May 31 11:26	26°♓15'13			6545 Dec 17 00:18	0°♓	
	6543 Jun 04 02:20	0°♈			6546 Jan 10 22:37	0°♈	
	6543 Jul 01 12:07	0°♉			6546 Feb 05 06:57	0°♉	
	6543 Jul 27 12:37	0°♌			6546 Mar 03 16:56	0°♊	
	6543 Aug 21 22:52	0°♍		asc. node	6546 Mar 08 06:35	4°♊57'23	
	6543 Sep 16 00:22	0°♎		evening max el	6546 Mar 18 21:58	16°♊04'46	47°03'34
asc. node	6543 Sep 21 11:38	6°♎35'52			6546 Apr 02 12:21	0°♋	
	6543 Oct 10 18:34	0°♏		greatest brilliancy	6546 Apr 28 08:57	17°♋15'34	-4.9m
	6543 Nov 04 06:25	0°♐		retrograde	6546 May 08 13:59	19°♋14'13	
morning set	6543 Nov 22 12:58	22°♋32'54		evening set	6546 May 25 04:41	13°♋51'06	
	6543 Nov 28 13:23	0°♑		inferior conj	6546 May 29 12:08	11°♋13'58	6°37'04
	6543 Dec 22 17:02	0°♒		minimum elong	6546 May 29 22:52	10°♋57'21	6°34'42
max. Earth dist.	6543 Dec 27 09:29	5°♒50'09	1.72120 AU	min. Earth dist.	6546 May 29 10:51	11°♋15'57	0.27573 AU
				morning rise	6546 Jun 03 17:18	8°♋06'13	
superior conj	6543 Dec 30 08:37	9°♒31'46	0°28'02	direct	6546 Jun 19 08:00	3°♋20'11	
minimum elong	6543 Dec 30 14:59	9°♒51'38	0°27'47	desc. node	6546 Jun 27 23:14	4°♋43'54	
desc. node	6544 Jan 11 03:53	24°♒15'06		greatest brilliancy	6546 Jun 29 02:45	5°♋06'31	-4.8m
	6544 Jan 15 18:22	0°♓			6546 Aug 03 09:04	0°♌	
evening rise	6544 Feb 08 00:24	29°♓05'12		morning max el	6546 Aug 07 15:38	4°♌03'31	45°58'35
	6544 Feb 08 17:54	0°♈			6546 Sep 01 19:41	0°♍	
	6544 Mar 03 16:27	0°♉			6546 Sep 28 16:57	0°♎	
	6544 Mar 27 15:49	0°♊		asc. node	6546 Oct 18 23:36	23°♎32'37	

	6546 Oct 24 10:54	0°♄	greatest brilliancy	6549 Jul 07 07:10	27°♄19'14	-4.8m
	6546 Nov 18 11:52	0°♍	retrograde	6549 Jul 18 10:06	29°♄34'43	
	6546 Dec 13 01:28	0°♎	desc. node	6549 Jul 25 11:01	28°♄35'07	
	6547 Jan 06 07:39	0°♏	evening set	6549 Aug 02 13:20	25°♄07'01	
	6547 Jan 30 09:09	0°♐	min. Earth dist.	6549 Aug 08 05:35	21°♄42'38	0.28605 AU
morning set	6547 Feb 02 09:34	3°♐46'24	inferior conj	6549 Aug 08 19:38	21°♄20'37	-3°23'34
desc. node	6547 Feb 07 15:41	10°♐21'03	minimum elong	6549 Aug 08 12:35	21°♄31'41	3°21'38
	6547 Feb 23 07:39	0°♑	morning rise	6549 Aug 14 12:23	17°♄54'21	
			direct	6549 Aug 30 05:05	13°♄12'42	
superior conj	6547 Mar 15 07:26	25°♑07'41	greatest brilliancy	6549 Sep 09 00:21	14°♄56'47	-4.7m
minimum elong	6547 Mar 14 20:20	24°♑32'45		6549 Oct 03 10:42	0°♒	
max. Earth dist.	6547 Mar 14 22:12	24°♑38'38	morning max el	6549 Oct 17 20:39	12°♒52'56	45°42'13
	6547 Mar 19 04:22	0°♓		6549 Nov 03 19:40	0°♄	
	6547 Apr 12 00:53	0°♈	asc. node	6549 Nov 15 11:38	12°♄35'33	
evening rise	6547 Apr 25 01:17	16°♈20'22		6549 Nov 30 22:58	0°♍	
	6547 May 05 23:13	0°♉		6549 Dec 26 12:42	0°♎	
	6547 May 30 01:27	0°♊		6550 Jan 20 07:23	0°♏	
asc. node	6547 May 31 16:05	1°♊59'39		6550 Feb 13 15:36	0°♐	
	6547 Jun 23 09:26	0°♋	desc. node	6550 Mar 07 03:36	26°♐45'33	
	6547 Jul 18 01:11	0°♌		6550 Mar 09 17:52	0°♑	
	6547 Aug 12 04:07	0°♍		6550 Apr 02 16:50	0°♒	
	6547 Sep 07 01:18	0°♎	morning set	6550 Apr 19 22:59	21°♒39'16	
desc. node	6547 Sep 20 08:25	14°♎52'54		6550 Apr 26 14:39	0°♈	
	6547 Oct 04 08:55	0°♏		6550 May 20 13:22	0°♉	
evening max el	6547 Oct 22 04:16	17°♏58'03				
	6547 Nov 04 12:43	0°♐	superior conj	6550 May 29 21:09	11°♐38'49	-1°03'25
greatest brilliancy	6547 Nov 30 15:13	16°♐20'38	minimum elong	6550 May 30 08:13	12°♐13'23	1°03'05
retrograde	6547 Dec 10 02:04	17°♐58'12	max. Earth dist.	6550 Jun 02 17:16	16°♐26'07	1.71981 AU
evening set	6547 Dec 25 04:00	13°♐33'45		6550 Jun 13 14:38	0°♊	
inferior conj	6547 Dec 30 22:36	10°♐08'31	asc. node	6550 Jun 28 03:54	18°♊04'09	
minimum elong	6547 Dec 31 04:49	9°♐58'56	evening rise	6550 Jul 07 22:27	0°♋09'54	
min. Earth dist.	6547 Dec 31 16:09	9°♐41'30		6550 Jul 07 19:15	0°♌	
morning rise	6548 Jan 06 05:01	6°♐26'20		6550 Aug 01 03:30	0°♍	
asc. node	6548 Jan 11 09:07	4°♐01'32		6550 Aug 25 15:59	0°♎	
direct	6548 Jan 20 22:37	2°♐10'04		6550 Sep 19 10:16	0°♏	
greatest brilliancy	6548 Jan 31 20:15	4°♐24'17		6550 Oct 14 12:54	0°♐	
	6548 Mar 06 05:56	0°♑	desc. node	6550 Oct 17 20:17	3°♐54'46	
morning max el	6548 Mar 11 12:50	5°♑14'56		6550 Nov 09 03:38	0°♑	
	6548 Apr 03 14:25	0°♒		6550 Dec 05 14:13	0°♒	
	6548 Apr 29 14:27	0°♓	evening max el	6551 Jan 02 17:13	29°♒47'23	46°42'09
desc. node	6548 May 02 01:38	2°♓54'47		6551 Jan 02 22:18	0°♈	
	6548 May 24 17:29	0°♈	asc. node	6551 Feb 07 20:56	28°♈35'31	
	6548 Jun 18 11:41	0°♉		6551 Feb 11 02:14	0°♓	
	6548 Jul 13 02:34	0°♊	greatest brilliancy	6551 Feb 12 02:19	0°♓22'34	-4.9m
	6548 Aug 06 16:08	0°♋	retrograde	6551 Feb 21 23:14	2°♓13'32	
asc. node	6548 Aug 23 01:38	20°♋03'26		6551 Mar 04 10:35	30°♈	
	6548 Aug 31 04:22	0°♌	evening set	6551 Mar 10 02:19	27°♈09'54	
morning set	6548 Sep 11 17:40	14°♌10'40	min. Earth dist.	6551 Mar 14 05:07	24°♈42'03	0.26883 AU
	6548 Sep 24 14:35	0°♍	inferior conj	6551 Mar 14 14:35	24°♈27'30	7°39'08
max. Earth dist.	6548 Oct 16 18:00	27°♍17'16	minimum elong	6551 Mar 14 04:18	24°♈43'18	7°37'18
			morning rise	6551 Mar 18 06:18	22°♈14'41	
superior conj	6548 Oct 18 05:45	29°♍07'34	direct	6551 Apr 04 03:03	16°♈43'27	
minimum elong	6548 Oct 18 05:55	29°♍08'04	greatest brilliancy	6551 Apr 13 16:03	18°♈26'27	-4.9m
	6548 Oct 18 22:45	0°♎		6551 May 03 04:25	0°♓	
	6548 Nov 12 05:31	0°♏	morning max el	6551 May 24 08:45	19°♓09'06	46°45'28
evening rise	6548 Nov 24 05:11	14°♏49'14	desc. node	6551 May 30 13:33	25°♓27'16	
	6548 Dec 06 11:39	0°♐		6551 Jun 03 21:55	0°♈	
desc. node	6548 Dec 12 18:01	7°♐45'03		6551 Jul 01 03:06	0°♉	
	6548 Dec 30 17:28	0°♑		6551 Jul 27 01:37	0°♊	
	6549 Jan 23 23:04	0°♒		6551 Aug 21 10:46	0°♋	
	6549 Feb 17 05:35	0°♓		6551 Sep 15 11:36	0°♌	
	6549 Mar 13 16:24	0°♈	asc. node	6551 Sep 20 13:39	6°♌08'17	
asc. node	6549 Apr 04 18:18	26°♈38'13		6551 Oct 10 05:23	0°♍	
	6549 Apr 07 14:10	0°♉		6551 Nov 03 17:02	0°♎	
	6549 May 03 11:38	0°♊	morning set	6551 Nov 20 05:26	20°♎22'42	
evening max el	6549 May 29 16:44	27°♊57'29		6551 Nov 27 23:56	0°♏	
	6549 May 31 18:26	0°♋		6551 Dec 22 03:37	0°♐	

max. Earth dist.	6551 Dec 25 02:27	3°  40'32	1.72167 AU	min. Earth dist.	6554 May 27 00:21	8°  55'54	0.27545 AU
superior conj	6551 Dec 27 22:38	7°  12'54	0°31'26	morning rise	6554 Jun 01 03:37	5°  50'50	
minimum elong	6551 Dec 28 05:39	7°  34'45	0°31'09	direct	6554 Jun 16 22:06	1°  00'13	
desc. node	6552 Jan 10 05:48	23°  47'53		greatest brilliancy	6554 Jun 26 15:08	2°  45'35	-4.8m
	6552 Jan 15 05:02	0° 		desc. node	6554 Jun 27 01:06	2°  54'21	
evening rise	6552 Feb 05 12:43	26°  39'49			6554 Aug 03 09:06	0° 	
	6552 Feb 08 04:41	0° 		morning max el	6554 Aug 05 06:49	1°  49'39	45°59'58
	6552 Mar 03 03:22	0° 			6554 Sep 01 11:43	0° 	
	6552 Mar 27 02:54	0° 			6554 Sep 28 06:15	0° 	
	6552 Apr 20 06:12	0° 		asc. node	6554 Oct 18 01:42	23°  02'45	
asc. node	6552 May 02 06:16	14°  47'24			6554 Oct 23 22:55	0° 	
	6552 May 14 17:05	0° 			6554 Nov 17 23:15	0° 	
	6552 Jun 08 16:41	0° 			6554 Dec 12 12:30	0° 	
	6552 Jul 04 14:25	0° 			6555 Jan 05 18:30	0° 	
	6552 Aug 01 11:05	0° 		morning set	6555 Jan 29 19:57	0° 	
evening max el	6552 Aug 08 04:34	6°  39'24	45°39'38	desc. node	6555 Jan 30 21:39	1°  20'22	
desc. node	6552 Aug 21 22:47	19°  08'05			6555 Feb 06 17:38	9°  53'23	
	6552 Sep 05 19:46	0° 		max. Earth dist.	6555 Feb 22 18:26	0° 	
greatest brilliancy	6552 Sep 15 21:33	4°  45'20	-4.7m		6555 Mar 12 04:52	21°  54'40	1.71185 AU
retrograde	6552 Sep 26 01:39	6° 		superior conj	6555 Mar 12 17:58	22°  35'52	-1°10'55
evening set	6552 Oct 14 05:48	0° 		minimum elong	6555 Mar 12 06:30	21°  59'49	1°10'35
	6552 Oct 15 04:40	30° 			6555 Mar 18 15:11	0° 	
inferior conj	6552 Oct 17 13:36	28°  31'25	-8°36'53		6555 Apr 11 11:44	0° 	
minimum elong	6552 Oct 17 13:25	28°  31'42	8°36'51	evening rise	6555 Apr 22 11:53	13°  49'03	
min. Earth dist.	6552 Oct 17 20:37	28°  20'26	0.29091 AU		6555 May 05 10:07	0° 	
morning rise	6552 Oct 20 20:57	26°  28'23			6555 May 29 12:27	0° 	
direct	6552 Nov 08 02:37	20°  12'23		asc. node	6555 May 30 18:02	1°  31'38	
greatest brilliancy	6552 Nov 18 22:07	22°  20'01	-4.8m		6555 Jun 22 20:39	0° 	
	6552 Dec 02 20:32	0° 			6555 Jul 17 12:48	0° 	
asc. node	6552 Dec 12 23:20	7°  45'23			6555 Aug 11 16:31	0° 	
morning max el	6552 Dec 27 19:08	21°  36'02	46°14'11		6555 Sep 06 15:18	0° 	
	6553 Jan 05 01:04	0° 		desc. node	6555 Sep 19 10:30	14°  16'19	
	6553 Feb 01 05:00	0° 			6555 Oct 04 02:40	0° 	
	6553 Feb 26 16:13	0° 		evening max el	6555 Oct 19 18:38	15°  42'57	45°49'32
	6553 Mar 23 09:32	0° 			6555 Nov 04 21:14	0° 	
desc. node	6553 Apr 03 15:37	13°  49'20		greatest brilliancy	6555 Nov 28 05:32	14°  03'06	-4.8m
	6553 Apr 16 18:00	0° 		retrograde	6555 Dec 07 15:02	15°  39'25	
	6553 May 10 22:27	0° 		evening set	6555 Dec 22 20:09	11°  31'53	
	6553 Jun 04 02:00	0° 		inferior conj	6555 Dec 28 12:36	7°  49'18	-3°12'05
	6553 Jun 28 06:35	0° 		minimum elong	6555 Dec 28 19:29	7°  38'41	3°10'00
morning set	6553 Jul 02 06:26	4°  56'38		min. Earth dist.	6555 Dec 29 07:05	7°  20'46	0.27525 AU
	6553 Jul 22 12:52	0° 		morning rise	6556 Jan 03 18:09	4°  07'42	
asc. node	6553 Jul 25 15:40	3°  50'51		asc. node	6556 Jan 10 11:05	1°  09'38	
					6556 Jan 15 16:15	30° 	
superior conj	6553 Aug 09 01:04	21°  03'11	0°33'45	direct	6556 Jan 18 13:04	29°  47'00	
minimum elong	6553 Aug 08 18:16	21°  15'14	0°33'25		6556 Jan 21 10:41	0° 	
max. Earth dist.	6553 Aug 10 06:07	23°  05'44	1.73207 AU	greatest brilliancy	6556 Jan 29 11:44	2°  04'37	-4.9m
	6553 Aug 15 20:32	0° 			6556 Mar 06 05:55	0° 	
	6553 Sep 09 05:13	0° 		morning max el	6556 Mar 09 02:02	2°  50'37	46°54'58
evening rise	6553 Sep 14 12:09	6°  30'23			6556 Apr 03 07:02	0° 	
	6553 Oct 03 15:08	0° 			6556 Apr 29 04:28	0° 	
	6553 Oct 28 03:08	0° 		desc. node	6556 May 01 03:45	2°  19'59	
desc. node	6553 Nov 14 08:08	20°  47'59'18			6556 May 24 06:11	0° 	
	6553 Nov 21 17:59	0° 			6556 Jun 17 23:36	0° 	
	6553 Dec 16 12:16	0° 			6556 Jul 12 13:58	0° 	
	6554 Jan 10 11:34	0° 			6556 Aug 06 03:10	0° 	
	6554 Feb 04 21:35	0° 		asc. node	6556 Aug 22 03:42	19°  03'32	
	6554 Mar 03 11:11	0° 			6556 Aug 30 15:09	0° 	
asc. node	6554 Mar 07 08:37	4°  11'28		morning set	6556 Sep 09 11:11	12°  04'16	
evening max el	6554 Mar 16 13:03	13°  45'22	47°04'04		6556 Sep 24 01:13	0° 	
	6554 Apr 02 19:58	0° 		max. Earth dist.	6556 Oct 14 11:35	25°  10'47	1.73241 AU
greatest brilliancy	6554 Apr 25 23:17	14°  45'32	-4.9m				
retrograde	6554 May 06 04:50	16°		superior conj	6556 Oct 15 23:43	27° 02'15	1°25'38
evening set	6554 May 22 22:02	11°		minimum elong	6556 Oct 15 23:10	27°	1°25'40
inferior conj	6554 May 27 02:00	8°	6°52'38		6556 Oct 18 09:21	0°	
minimum elong	6554 May 27 12:41	8°	6°50'23		6556 Nov 11 16:12	0°	

evening rise	6556 Nov 21 21:18	12°♊37'22		6559 Jun 30 18:22	0°♐	
	6556 Dec 05 22:32	0°♊		6559 Jul 26 14:57	0°♐	
desc. node	6556 Dec 11 19:56	7°♊17'09		6559 Aug 20 23:01	0°♐	
	6556 Dec 30 04:38	0°♊		6559 Sep 14 23:11	0°♐	
	6557 Jan 23 10:34	0°♊		6559 Sep 19 15:40	5°♐39'37	
	6557 Feb 16 17:32	0°♊		6559 Oct 09 16:36	0°♐	
	6557 Mar 13 05:00	0°♊		6559 Nov 03 04:01	0°♐	
asc. node	6557 Apr 03 20:24	26°♊04'03		6559 Nov 17 22:06	18°♐12'01	
	6557 Apr 07 03:56	0°♐		6559 Nov 27 10:51	0°♊	
	6557 May 03 03:49	0°♐		6559 Dec 21 14:32	0°♊	
evening max el	6557 May 27 06:53	25°♐38'45 46°23'10		6559 Dec 22 20:05	1°♊32'00	1.72208 AU
	6557 May 31 17:44	0°♐				
greatest brilliancy	6557 Jul 05 00:05	25°♐07'31 -4.8m		superior conj	6559 Dec 25 12:59	4°♊54'01 0°34'45
retrograde	6557 Jul 16 01:36	27°♐22'16		minimum elong	6559 Dec 25 20:33	5°♊17'38 0°34'26
desc. node	6557 Jul 24 13:02	25°♐55'55		desc. node	6560 Jan 09 07:47	23°♊19'52
evening set	6557 Jul 31 04:10	22°♐56'08			6560 Jan 14 16:01	0°♊
inferior conj	6557 Aug 06 11:23	19°♐08'45 -3°04'29		evening rise	6560 Feb 03 01:20	24°♊14'24
minimum elong	6557 Aug 06 04:53	19°♐18'57 3°02'41			6560 Feb 07 15:47	0°♊
min. Earth dist.	6557 Aug 05 21:56	19°♐29'51 0.28562 AU			6560 Mar 02 14:39	0°♊
morning rise	6557 Aug 12 06:07	15°♐39'34			6560 Mar 26 14:24	0°♊
direct	6557 Aug 27 19:55	11°♐01'20			6560 Apr 19 18:01	0°♐
greatest brilliancy	6557 Sep 06 16:05	12°♐45'50 -4.7m		asc. node	6560 May 01 08:10	14°♐16'20
	6557 Oct 03 16:56	0°♐			6560 May 14 05:23	0°♐
morning max el	6557 Oct 15 10:48	10°♐38'25 45°42'06			6560 Jun 08 05:54	0°♐
	6557 Nov 03 12:56	0°♐			6560 Jul 04 05:34	0°♐
asc. node	6557 Nov 14 13:35	11°♐58'06			6560 Aug 01 07:24	0°♐
	6557 Nov 30 12:53	0°♐		evening max el	6560 Aug 05 20:37	4°♐28'23 45°40'27
	6557 Dec 26 01:14	0°♊		desc. node	6560 Aug 21 00:51	18°♐07'50
	6558 Jan 19 19:15	0°♊			6560 Sep 07 08:47	0°♐
	6558 Feb 13 03:08	0°♊		greatest brilliancy	6560 Sep 13 11:22	2°♐40'28 -4.7m
desc. node	6558 Mar 06 05:41	26°♊16'38		retrograde	6560 Sep 23 18:02	4°♐34'49
	6558 Mar 09 05:11	0°♊			6560 Oct 09 03:40	30°♐♌
	6558 Apr 02 04:00	0°♊		evening set	6560 Oct 11 20:44	28°♐25'24
morning set	6558 Apr 17 09:40	19°♊07'20		inferior conj	6560 Oct 15 05:37	26°♐20'13 -8°36'08
	6558 Apr 26 01:42	0°♊		minimum elong	6560 Oct 15 04:40	26°♐21'42 8°36'06
	6558 May 20 00:20	0°♐		min. Earth dist.	6560 Oct 15 10:57	26°♐11'51 0.29112 AU
				morning rise	6560 Oct 18 12:32	24°♐17'53
superior conj	6558 May 27 09:58	9°♐14'55 -1°05'57		direct	6560 Nov 05 19:19	18°♐01'12
minimum elong	6558 May 27 21:01	9°♐49'26 1°05'38		greatest brilliancy	6560 Nov 16 12:43	20°♐07'13 -4.8m
max. Earth dist.	6558 May 31 04:01	13°♐55'54 1.71930 AU			6560 Dec 03 13:32	0°♐
	6558 Jun 13 01:34	0°♐		asc. node	6560 Dec 12 01:15	6°♐52'38
asc. node	6558 Jun 27 05:49	17°♐36'15		morning max el	6560 Dec 25 11:19	19°♐22'56 46°12'41
evening rise	6558 Jul 05 13:36	27°♐54'33			6561 Jan 04 20:12	0°♊
	6558 Jul 07 06:11	0°♐			6561 Jan 31 19:55	0°♊
	6558 Jul 31 14:32	0°♐			6561 Feb 26 05:25	0°♊
	6558 Aug 25 03:16	0°♐			6561 Mar 22 21:53	0°♊
	6558 Sep 18 21:59	0°♐		desc. node	6561 Apr 02 17:39	13°♊18'19
	6558 Oct 14 01:24	0°♊			6561 Apr 16 05:52	0°♊
desc. node	6558 Oct 16 22:19	3°♊23'32			6561 May 10 09:58	0°♊
	6558 Nov 08 17:30	0°♊			6561 Jun 03 13:17	0°♐
	6558 Dec 05 06:47	0°♊			6561 Jun 27 17:40	0°♐
evening max el	6558 Dec 31 05:59	27°♊22'21 46°40'26		morning set	6561 Jun 29 21:43	2°♐41'08
	6559 Jan 02 22:10	0°♊			6561 Jul 21 23:49	0°♐
asc. node	6559 Feb 06 22:57	26°♊50'51		asc. node	6561 Jul 24 17:45	3°♐23'31
greatest brilliancy	6559 Feb 09 14:45	27°♊54'37 -4.9m				
retrograde	6559 Feb 19 11:56	29°♊46'04		superior conj	6561 Aug 06 17:39	19°♐25'42 0°30'39
evening set	6559 Mar 07 10:32	24°♊48'15		minimum elong	6561 Aug 06 11:22	19°♐06'20 0°30'19
min. Earth dist.	6559 Mar 11 17:53	22°♊14'14 0.26873 AU		max. Earth dist.	6561 Aug 08 03:30	21°♐10'06 1.73182 AU
inferior conj	6559 Mar 12 03:08	22°♊00'04 7°25'08			6561 Aug 15 07:25	0°♐
minimum elong	6559 Mar 11 16:31	22°♊16'20 7°23'07			6561 Sep 08 16:08	0°♐
morning rise	6559 Mar 15 22:30	19°♊42'12		evening rise	6561 Sep 12 06:01	4°♐24'08
direct	6559 Apr 01 15:29	14°♊15'45			6561 Oct 03 02:12	0°♐
greatest brilliancy	6559 Apr 11 05:31	15°♊59'57 -4.9m			6561 Oct 27 14:29	0°♊
	6559 May 03 18:06	0°♊		desc. node	6561 Nov 13 10:02	20°♊29'40
morning max el	6559 May 21 22:28	16°♊45'28 46°46'50			6561 Nov 21 05:47	0°♊
desc. node	6559 May 29 15:25	24°♊37'54			6561 Dec 16 00:42	0°♊
	6559 Jun 03 17:30	0°♊			6562 Jan 10 00:59	0°♊

	6562 Feb 04 12:43	0°♃		6564 Jul 12 01:21	0°♄	
	6562 Mar 03 06:10	0°♄		6564 Aug 05 14:14	0°♅	
asc. node	6562 Mar 06 10:40	3°♄24'10	asc. node	6564 Aug 21 05:42	19°♅09'19	
evening max el	6562 Mar 14 04:00	11°♄24'50 47°04'28		6564 Aug 30 01:59	0°♆	
	6562 Apr 03 06:42	0°♆	morning set	6564 Sep 07 04:33	9°♆57'06	
greatest brilliancy	6562 Apr 23 13:58	12°♆33'10 -4.9m		6564 Sep 23 11:57	0°♇	
retrograde	6562 May 03 19:20	14°♆31'14	max. Earth dist.	6564 Oct 12 05:21	23°♇04'32 1.73264 AU	
evening set	6562 May 20 15:25	8°♆59'05				
inferior conj	6562 May 24 15:53	6°♆31'49 7°07'27	superior conj	6564 Oct 13 17:30	24°♇56'01 1°25'28	
minimum elong	6562 May 25 02:26	6°♆15'28 7°05'20	minimum elong	6564 Oct 13 16:15	24°♇52'11 1°25'30	
min. Earth dist.	6562 May 24 13:55	6°♆34'51 0.27522 AU		6564 Oct 17 20:03	0°♈	
morning rise	6562 May 29 13:45	3°♆34'33		6564 Nov 11 03:00	0°♉	
	6562 Jun 06 08:36	30°♈♂	evening rise	6564 Nov 19 13:15	10°♉♂24'49	
direct	6562 Jun 14 12:11	28°♈39'21		6564 Dec 05 09:32	0°♊	
	6562 Jun 22 22:50	0°♆	desc. node	6564 Dec 10 21:54	6°♊349'08	
greatest brilliancy	6562 Jun 24 03:41	0°♆23'32 -4.8m		6564 Dec 29 15:53	0°♋	
desc. node	6562 Jun 26 03:10	1°♆08'00		6565 Jan 22 22:10	0°♌	
morning max el	6562 Aug 02 21:09	29°♆32'18 46°01'11		6565 Feb 16 05:35	0°♍	
	6562 Aug 03 08:35	0°♄		6565 Mar 12 17:43	0°♎	
	6562 Sep 01 03:58	0°♅	asc. node	6565 Apr 02 22:18	25°♎28'59	
	6562 Sep 27 19:53	0°♆		6565 Apr 06 17:50	0°♏	
asc. node	6562 Oct 17 03:38	22°♆31'20		6565 May 02 20:14	0°♐	
	6562 Oct 23 11:17	0°♇	evening max el	6565 May 24 20:53	23°♐19'57 46°25'12	
	6562 Nov 17 10:57	0°♈		6565 May 31 17:56	0°♑	
	6562 Dec 11 23:50	0°♉	greatest brilliancy	6565 Jul 02 16:40	22°♑56'07 -4.8m	
	6563 Jan 05 05:40	0°♊	retrograde	6565 Jul 13 17:38	25°♑10'57	
morning set	6563 Jan 28 09:50	28°♊53'41	desc. node	6565 Jul 23 15:03	23°♑13'17	
	6563 Jan 29 07:03	0°♋	evening set	6565 Jul 28 19:20	20°♑45'47	
desc. node	6563 Feb 05 19:43	9°♋25'14	min. Earth dist.	6565 Aug 03 14:18	17°♑18'12 0.28522 AU	
	6563 Feb 22 05:30	0°♌	inferior conj	6565 Aug 04 03:19	16°♑57'48 -2°45'18	
max. Earth dist.	6563 Mar 09 08:54	19°♌01'45 1.71189 AU	minimum elong	6565 Aug 03 21:25	17°♑07'03 2°43'37	
			morning rise	6565 Aug 09 23:57	13°♑26'05	
superior conj	6563 Mar 10 04:47	20°♌04'14 -1°08'31	direct	6565 Aug 25 10:51	8°♑50'46	
minimum elong	6563 Mar 09 17:05	19°♌27'27 1°08'09	greatest brilliancy	6565 Sep 04 08:06	10°♑36'02 -4.7m	
	6563 Mar 18 02:14	0°♍		6565 Oct 03 20:56	0°♒	
	6563 Apr 10 22:46	0°♎	morning max el	6565 Oct 13 01:57	8°♒26'39 45°41'50	
evening rise	6563 Apr 19 22:45	11°♎17'55		6565 Nov 03 05:46	0°♓	
	6563 May 04 21:10	0°♏	asc. node	6565 Nov 13 15:31	11°♓21'05	
	6563 May 28 23:38	0°♐		6565 Nov 30 02:38	0°♔	
asc. node	6563 May 29 19:59	1°♐02'59		6565 Dec 25 13:40	0°♕	
	6563 Jun 22 08:06	0°♑		6566 Jan 19 07:02	0°♖	
	6563 Jul 17 00:42	0°♒		6566 Feb 12 14:33	0°♗	
	6563 Aug 11 05:16	0°♓	desc. node	6566 Mar 05 07:36	25°♗47'39	
	6563 Sep 06 05:46	0°♔		6566 Mar 08 16:23	0°♘	
desc. node	6563 Sep 18 12:30	13°♔38'15		6566 Apr 01 15:03	0°♙	
	6563 Oct 03 21:14	0°♕	morning set	6566 Apr 14 20:12	16°♙35'13	
evening max el	6563 Oct 17 08:04	13°♕24'46 45°48'11		6566 Apr 25 12:38	0°♚	
	6563 Nov 05 09:16	0°♖		6566 May 19 11:12	0°♛	
greatest brilliancy	6563 Nov 25 20:04	11°♖45'04 -4.8m				
retrograde	6563 Dec 05 03:51	13°♖20'13	superior conj	6566 May 24 22:45	6°♛51'12 -1°08'22	
evening set	6563 Dec 20 12:22	8°♖49'03	minimum elong	6566 May 25 09:44	7°♛25'29 1°08'04	
inferior conj	6563 Dec 26 02:37	5°♖29'32 -3°32'42	max. Earth dist.	6566 May 28 13:18	11°♛21'25 1.71877 AU	
minimum elong	6563 Dec 26 10:06	5°♖17'57 3°30'30		6566 Jun 12 12:20	0°♜	
min. Earth dist.	6563 Dec 26 22:13	4°♖59'13 0.27585 AU	asc. node	6566 Jun 26 07:55	17°♜09'30	
morning rise	6564 Jan 01 07:04	1°♖48'52	evening rise	6566 Jul 03 04:51	25°♜40'08	
	6564 Jan 04 22:59	30°♈♂		6566 Jul 06 16:55	0°♝	
asc. node	6564 Jan 09 13:11	28°♈♂21'55		6566 Jul 31 01:20	0°♞	
direct	6564 Jan 16 03:06	27°♈♂29'07		6566 Aug 24 14:18	0°♟	
greatest brilliancy	6564 Jan 27 03:40	29°♈♂44'57 -4.9m		6566 Sep 18 09:31	0°♠	
	6564 Jan 27 18:38	0°♞		6566 Oct 13 13:46	0°♡	
	6564 Mar 06 05:06	0°♟	desc. node	6566 Oct 16 00:10	2°♡52'13	
morning max el	6564 Mar 06 15:15	0°♟25'39 46°54'17		6566 Nov 08 07:21	0°♢	
	6564 Apr 02 23:30	0°♈		6566 Dec 04 23:32	0°♣	
	6564 Apr 28 18:26	0°♉	evening max el	6566 Dec 28 19:44	25°♣00'27 46°38'44	
desc. node	6564 Apr 30 05:35	1°♉44'17		6567 Jan 02 23:02	0°♤	
	6564 May 23 18:52	0°♊	asc. node	6567 Feb 06 00:58	25°♤02'33	
	6564 Jun 17 11:30	0°♋	greatest brilliancy	6567 Feb 07 02:47	25°♤26'50 -4.9m	

retrograde	6567 Feb 17 01:09	27° H 19'02		superior conj	6569 Aug 04 10:16	17° Ω 16'24	0°27'30
evening set	6567 Mar 04 18:55	22° H 26'56		minimum elong	6569 Aug 04 04:32	16° Ω 58'43	0°27'11
inferior conj	6567 Mar 09 15:37	19° H 33'04	7°10'22	max. Earth dist.	6569 Aug 06 00:26	19° Ω 14'07	1.73151 AU
minimum elong	6567 Mar 09 04:46	19° H 49'40	7°08'11		6569 Aug 14 17:56	0° M	
min. Earth dist.	6567 Mar 09 06:22	19° H 47'13	0.26863 AU		6569 Sep 08 02:40	0° Ω	
morning rise	6567 Mar 13 14:40	17° H 10'10		evening rise	6569 Sep 10 00:03	2° Ω 19'35	
direct	6567 Mar 30 04:21	11° H 48'41			6569 Oct 02 12:51	0° M	
greatest brilliancy	6567 Apr 08 18:27	13° H 33'25	-4.9m		6569 Oct 27 01:24	0° H	
	6567 May 04 04:01	0° Y		desc. node	6569 Nov 12 12:07	20° H 01'57	
morning max el	6567 May 19 12:50	14° Y 24'13	46°48'07		6569 Nov 20 17:08	0° Z	
desc. node	6567 May 28 17:28	23° Y 50'30			6569 Dec 15 12:46	0° \approx	
	6567 Jun 03 12:18	0° B			6570 Jan 09 14:09	0° H	
	6567 Jun 30 09:10	0° II			6570 Feb 04 03:46	0° Y	
	6567 Jul 26 03:53	0° G			6570 Mar 03 01:27	0° B	
	6567 Aug 20 10:53	0° Ω		asc. node	6570 Mar 05 12:34	2° B 36'20	
	6567 Sep 14 10:24	0° M		evening max el	6570 Mar 11 18:16	9° B 02'54	47°04'37
asc. node	6567 Sep 18 17:36	5° M 11'51			6570 Apr 03 20:54	0° II	
	6567 Oct 09 03:25	0° Ω		greatest brilliancy	6570 Apr 21 05:09	10° II 12'28	-4.9m
	6567 Nov 02 14:41	0° M		retrograde	6570 May 01 09:08	12° II 09'06	
morning set	6567 Nov 15 14:58	16° M 03'05		evening set	6570 May 18 08:38	6° II 32'43	
	6567 Nov 26 21:28	0° H		inferior conj	6570 May 22 05:34	4° II 10'28	7°21'41
max. Earth dist.	6567 Dec 20 11:44	29° H 18'06	1.72254 AU	minimum elong	6570 May 22 15:54	3° II 54'26	7°19'43
	6567 Dec 21 01:12	0° Z		min. Earth dist.	6570 May 22 03:37	4° II 13'30	0.27494 AU
				morning rise	6570 May 26 23:28	1° II 18'37	
superior conj	6567 Dec 23 03:25	2° Z 36'16	0°37'59		6570 May 29 09:17	30° R B	
minimum elong	6567 Dec 23 11:30	3° Z 01'27	0°37'40	direct	6570 Jun 12 01:34	26° B 18'39	
desc. node	6568 Jan 08 09:53	22° Z 52'58		greatest brilliancy	6570 Jun 21 16:25	28° B 02'02	-4.8m
	6568 Jan 14 02:46	0° \approx		desc. node	6570 Jun 25 05:15	29° B 26'05	
evening rise	6568 Jan 31 13:46	21° \approx 49'12			6570 Jun 26 10:32	0° II	
	6568 Feb 07 02:40	0° H		morning max el	6570 Jul 31 10:34	27° II 13'26	46°02'35
	6568 Mar 02 01:41	0° Y			6570 Aug 03 06:43	0° G	
	6568 Mar 26 01:39	0° B			6570 Aug 31 19:32	0° Ω	
	6568 Apr 19 05:34	0° II			6570 Sep 27 09:00	0° M	
asc. node	6568 Apr 30 10:08	13° II 46'18		asc. node	6570 Oct 16 05:34	22° M 01'16	
	6568 May 13 17:27	0° G			6570 Oct 22 23:11	0° Ω	
	6568 Jun 07 18:55	0° Ω			6570 Nov 16 22:10	0° M	
	6568 Jul 03 20:34	0° M			6570 Dec 11 10:42	0° H	
	6568 Aug 01 03:54	0° Ω			6571 Jan 04 16:23	0° Z	
evening max el	6568 Aug 03 13:14	2° Ω 19'58	45°41'23	morning set	6571 Jan 25 22:26	26° Z 29'37	
desc. node	6568 Aug 20 02:52	17° Ω 07'34			6571 Jan 28 17:44	0° \approx	
	6568 Sep 09 17:00	0° M		desc. node	6571 Feb 04 21:39	8° \approx 57'51	
greatest brilliancy	6568 Sep 11 02:04	0° M 31'03	-4.7m		6571 Feb 21 16:13	0° H	
retrograde	6568 Sep 21 10:26	2° M 26'28		max. Earth dist.	6571 Mar 06 11:53	16° H 06'32	1.71207 AU
	6568 Oct 02 12:57	30° R Ω					
evening set	6568 Oct 09 11:42	26° Ω 18'59		superior conj	6571 Mar 07 15:37	17° H 33'43	-1°05'59
inferior conj	6568 Oct 12 21:57	24° Ω 11'28	-8°34'44	minimum elong	6571 Mar 07 03:46	16° H 56'28	1°05'34
minimum elong	6568 Oct 12 20:14	24° Ω 14'10	8°34'40		6571 Mar 17 12:59	0° Y	
min. Earth dist.	6568 Oct 13 01:42	24° Ω 05'35	0.29128 AU		6571 Apr 10 09:33	0° B	
morning rise	6568 Oct 16 04:45	22° Ω 09'13		evening rise	6571 Apr 17 09:11	8° B 46'07	
direct	6568 Nov 03 12:19	15° Ω 52'42			6571 May 04 08:01	0° II	
greatest brilliancy	6568 Nov 14 03:13	17° Ω 56'26	-4.8m		6571 May 28 10:37	0° G	
	6568 Dec 04 01:19	0° M		asc. node	6571 May 28 22:03	0° G 35'24	
asc. node	6568 Dec 11 03:23	5° M 55'51			6571 Jun 21 19:19	0° Ω	
morning max el	6568 Dec 23 03:02	17° M 10'16	46°10'53		6571 Jul 16 12:23	0° M	
	6569 Jan 04 14:20	0° H			6571 Aug 10 17:49	0° Ω	
	6569 Jan 31 10:18	0° Z			6571 Sep 05 20:05	0° M	
	6569 Feb 25 18:16	0° \approx		desc. node	6571 Sep 17 14:25	13° M 00'32	
	6569 Mar 22 09:55	0° H			6571 Oct 03 15:53	0° H	
desc. node	6569 Apr 01 19:36	12° H 47'55		evening max el	6571 Oct 14 21:22	11° H 07'35	45°47'05
	6569 Apr 15 17:24	0° Y			6571 Nov 06 00:33	0° Z	
	6569 May 09 21:10	0° B		greatest brilliancy	6571 Nov 23 10:30	9° Z 28'49	-4.8m
	6569 Jun 03 00:12	0° II		retrograde	6571 Dec 02 17:16	11° Z 03'29	
	6569 Jun 27 04:23	0° G		evening set	6571 Dec 18 04:55	6° Z 28'12	
morning set	6569 Jun 27 12:53	0° G 26'20		inferior conj	6571 Dec 23 16:55	3° Z 12'01	-3°52'42
	6569 Jul 21 10:24	0° Ω		minimum elong	6571 Dec 24 00:57	2° Z 59'36	3°50'23
asc. node	6569 Jul 23 19:44	2° Ω 57'02		min. Earth dist.	6571 Dec 24 13:30	2° Z 40'12	0.27645 AU
					6571 Dec 29 00:38	30° R H	

morning rise	6571 Dec 29 20:08	29° \nearrow 32'50		6574 Jul 06 03:41	0° Ω	
asc. node	6572 Jan 08 15:06	25° \nearrow 42'07		6574 Jul 30 12:13	0° \cap	
direct	6572 Jan 13 17:19	25° \nearrow 10'24		6574 Aug 24 01:27	0° $\underline{\Omega}$	
greatest brilliancy	6572 Jan 24 19:54	27° \nearrow 27'49 -4.9m		6574 Sep 17 21:10	0° \cap	
	6572 Jan 30 05:22	0° $\overline{\Omega}$		6574 Oct 13 02:17	0° \nearrow	
morning max el	6572 Mar 04 05:21	28° $\overline{\Omega}$ 04'22 46°53'23	desc. node	6574 Oct 15 02:17	2° \nearrow 21'18	
	6572 Mar 06 02:48	0° \approx		6574 Nov 07 21:23	0° $\overline{\Omega}$	
	6572 Apr 02 15:19	0° \nearrow		6574 Dec 04 16:41	0° \approx	
	6572 Apr 28 08:02	0° Υ	evening max el	6574 Dec 26 10:29	22° \approx 41'06 46°37'03	
desc. node	6572 Apr 29 07:38	1° Υ 10'11		6575 Jan 03 01:15	0° \nearrow	
	6572 May 23 07:18	0° $\overline{\Omega}$	greatest brilliancy	6575 Feb 04 15:00	22° \nearrow 59'36 -4.9m	
	6572 Jun 16 23:14	0° \cap	asc. node	6575 Feb 05 02:55	23° \nearrow 10'05	
	6572 Jul 11 12:36	0° $\overline{\Omega}$	retrograde	6575 Feb 14 14:26	24° \nearrow 52'12	
	6572 Aug 05 01:07	0° Ω	evening set	6575 Mar 02 03:39	20° \nearrow 05'52	
asc. node	6572 Aug 20 07:35	18° Ω 42'18	inferior conj	6575 Mar 07 04:12	17° \nearrow 06'28 6°54'49	
	6572 Aug 29 12:38	0° \cap	minimum elong	6575 Mar 06 17:13	17° \nearrow 23'16 6°52'28	
morning set	6572 Sep 04 21:38	7° \cap 49'36	min. Earth dist.	6575 Mar 06 18:59	17° \nearrow 20'34 0.26847 AU	
	6572 Sep 22 22:28	0° $\underline{\Omega}$	morning rise	6575 Mar 11 06:53	14° \nearrow 38'27	
max. Earth dist.	6572 Oct 10 00:52	21° $\underline{\Omega}$ 04'20 1.73284 AU	direct	6575 Mar 27 17:36	9° \nearrow 22'19	
			greatest brilliancy	6575 Apr 06 07:09	11° \nearrow 06'58 -4.9m	
superior conj	6572 Oct 11 11:12	22° $\underline{\Omega}$ 50'12 1°25'12		6575 May 04 11:04	0° Υ	
minimum elong	6572 Oct 11 09:16	22° $\underline{\Omega}$ 44'13 1°25'13	morning max el	6575 May 17 02:58	12° Υ 02'43 46°49'17	
	6572 Oct 17 06:34	0° \cap	desc. node	6575 May 27 19:33	23° Υ 04'18	
	6572 Nov 10 13:36	0° \nearrow		6575 Jun 03 06:30	0° $\overline{\Omega}$	
evening rise	6572 Nov 17 05:30	8° \nearrow 13'51		6575 Jun 29 23:44	0° \cap	
	6572 Dec 04 20:19	0° $\overline{\Omega}$		6575 Jul 25 16:46	0° $\overline{\Omega}$	
desc. node	6572 Dec 09 23:59	6° $\overline{\Omega}$ 22'09		6575 Aug 19 22:49	0° Ω	
	6572 Dec 29 02:55	0° \approx		6575 Sep 13 21:45	0° \cap	
	6573 Jan 22 09:30	0° \nearrow	asc. node	6575 Sep 17 19:36	4° \cap 43'46	
	6573 Feb 15 17:22	0° Υ		6575 Oct 08 14:25	0° $\underline{\Omega}$	
	6573 Mar 12 06:14	0° $\overline{\Omega}$		6575 Nov 02 01:30	0° \cap	
asc. node	6573 Apr 02 00:18	24° $\overline{\Omega}$ 54'42	morning set	6575 Nov 13 07:37	13° \cap 52'58	
	6573 Apr 06 07:39	0° \cap		6575 Nov 26 08:14	0° \nearrow	
	6573 May 02 12:49	0° $\overline{\Omega}$	max. Earth dist.	6575 Dec 18 01:45	26° \nearrow 58'52 1.72296 AU	
evening max el	6573 May 22 11:30	21° $\overline{\Omega}$ 02'47 46°27'01		6575 Dec 20 11:59	0° $\overline{\Omega}$	
	6573 May 31 19:26	0° Ω				
greatest brilliancy	6573 Jun 30 08:34	20° Ω 43'09 -4.8m	superior conj	6575 Dec 20 17:50	0° $\overline{\Omega}$ 18'10 0°41'09	
retrograde	6573 Jul 11 09:50	22° Ω 58'34	minimum elong	6575 Dec 21 02:22	0° $\overline{\Omega}$ 44'44 0°40'50	
desc. node	6573 Jul 22 17:01	20° Ω 25'03	desc. node	6576 Jan 07 11:46	22° $\overline{\Omega}$ 24'58	
evening set	6573 Jul 26 10:21	18° Ω 34'03		6576 Jan 13 13:39	0° \approx	
inferior conj	6573 Aug 01 18:55	14° Ω 45'41 -2°25'28	evening rise	6576 Jan 29 02:15	19° \approx 23'45	
minimum elong	6573 Aug 01 13:39	14° Ω 53'55 2°23'58		6576 Feb 06 13:42	0° \nearrow	
min. Earth dist.	6573 Aug 01 06:10	15° Ω 05'36 0.28483 AU		6576 Mar 01 12:53	0° Υ	
morning rise	6573 Aug 07 17:25	11° Ω 11'45		6576 Mar 25 13:02	0° $\overline{\Omega}$	
direct	6573 Aug 23 01:42	6° Ω 39'02		6576 Apr 18 17:14	0° \cap	
greatest brilliancy	6573 Sep 01 23:30	8° Ω 24'55 -4.7m	asc. node	6576 Apr 29 12:14	13° \cap 16'23	
	6573 Oct 03 23:21	0° \cap		6576 May 13 05:37	0° $\overline{\Omega}$	
morning max el	6573 Oct 10 17:44	6° \cap 16'28 45°41'43		6576 Jun 07 08:05	0° Ω	
	6573 Nov 02 22:12	0° $\underline{\Omega}$		6576 Jul 03 11:54	0° \cap	
asc. node	6573 Nov 12 17:38	10° $\underline{\Omega}$ 45'09	evening max el	6576 Aug 01 05:20	0° $\underline{\Omega}$ 09'27 45°42'02	
	6573 Nov 29 16:09	0° \cap		6576 Aug 01 01:26	0° $\underline{\Omega}$	
	6573 Dec 25 01:56	0° \nearrow	desc. node	6576 Aug 19 04:48	16° $\underline{\Omega}$ 04'43	
	6574 Jan 18 18:40	0° $\overline{\Omega}$	greatest brilliancy	6576 Sep 08 17:13	28° $\underline{\Omega}$ 20'48 -4.7m	
	6574 Feb 12 01:49	0° \approx		6576 Sep 15 06:12	0° \cap	
desc. node	6574 Mar 04 09:35	25° \approx 19'17	retrograde	6576 Sep 19 02:05	0° \cap 16'35	
	6574 Mar 08 03:25	0° \nearrow		6576 Sep 22 20:09	30° \cap 11'39	
	6574 Apr 01 01:56	0° Υ	evening set	6576 Oct 07 02:13	24° $\underline{\Omega}$ 11'39	
morning set	6574 Apr 12 07:08	14° Υ 04'51	inferior conj	6576 Oct 10 14:08	22° $\underline{\Omega}$ 01'21 -8°32'33	
	6574 Apr 24 23:26	0° $\overline{\Omega}$	minimum elong	6576 Oct 10 11:40	22° $\underline{\Omega}$ 05'15 8°32'27	
	6574 May 18 21:56	0° \cap	min. Earth dist.	6576 Oct 10 16:44	21° $\underline{\Omega}$ 57'17 0.29142 AU	
			morning rise	6576 Oct 13 21:06	19° $\underline{\Omega}$ 58'37	
superior conj	6574 May 22 11:32	4° \cap 27'39 -1°10'39	direct	6576 Nov 01 04:50	13° $\underline{\Omega}$ 42'47	
minimum elong	6574 May 22 22:20	5° \cap 01'22 1°10'23	greatest brilliancy	6576 Nov 11 18:03	15° $\underline{\Omega}$ 44'36 -4.8m	
max. Earth dist.	6574 May 25 23:58	8° \cap 51'24 1.71835 AU		6576 Dec 04 10:31	0° \cap	
	6574 Jun 11 23:04	0° $\overline{\Omega}$	asc. node	6576 Dec 10 05:18	4° \cap 58'45	
asc. node	6574 Jun 25 09:52	16° $\overline{\Omega}$ 42'17	morning max el	6576 Dec 20 17:40	14° \cap 53'57 46°09'14	
evening rise	6574 Jun 30 19:49	23° $\overline{\Omega}$ 24'42		6577 Jan 04 08:23	0° \nearrow	

	6577 Jan 31 00:48	0°♁			6579 Sep 05 10:54	0°♌	
	6577 Feb 25 07:16	0°♊		desc. node	6579 Sep 16 16:31	12°♌22'03	
	6577 Mar 21 22:09	0°♋			6579 Oct 03 11:29	0°♍	
desc. node	6577 Mar 31 21:36	12°♋17'10		evening max el	6579 Oct 12 10:50	8°♍49'52	45°45'53
	6577 Apr 15 05:09	0°♌			6579 Nov 06 22:00	0°♎	
	6577 May 09 08:34	0°♍		greatest brilliancy	6579 Nov 21 00:07	7°♎10'21	-4.8m
	6577 Jun 02 11:19	0°♎		retrograde	6579 Nov 30 06:59	8°♎45'15	
morning set	6577 Jun 25 04:18	28°♎11'36		evening set	6579 Dec 15 21:27	4°♎05'27	
	6577 Jun 26 15:17	0°♏		inferior conj	6579 Dec 21 07:04	0°♎52'45	-4°12'21
	6577 Jul 20 21:10	0°♐		minimum elong	6579 Dec 21 15:36	0°♎39'34	4°09'57
asc. node	6577 Jul 22 21:38	2°♐29'41		min. Earth dist.	6579 Dec 22 04:24	0°♎19'48	0.27713 AU
					6579 Dec 22 17:16	30°♏♍	
superior conj	6577 Aug 02 03:04	15°♐07'04	0°24'19	morning rise	6579 Dec 27 08:55	27°♍15'31	
minimum elong	6577 Aug 01 21:56	14°♐51'12	0°24'03	asc. node	6580 Jan 07 17:04	23°♍05'53	
max. Earth dist.	6577 Aug 03 21:01	17°♐16'25	1.73122 AU	direct	6580 Jan 11 07:55	22°♍49'49	
	6577 Aug 14 04:41	0°♑		greatest brilliancy	6580 Jan 22 11:56	25°♍08'49	-4.9m
evening rise	6577 Sep 07 18:09	0°♑14'23			6580 Jan 31 19:39	0°♎	
	6577 Sep 07 13:28	0°♒		morning max el	6580 Mar 01 20:22	25°♎43'55	46°52'33
	6577 Oct 01 23:51	0°♌			6580 Mar 06 00:20	0°♊	
	6577 Oct 26 12:42	0°♍			6580 Apr 02 07:22	0°♋	
desc. node	6577 Nov 11 14:07	19°♍32'44			6580 Apr 27 21:54	0°♌	
	6577 Nov 20 04:55	0°♎		desc. node	6580 Apr 28 09:44	0°♌35'14	
	6577 Dec 15 01:16	0°♏			6580 May 22 20:01	0°♍	
	6578 Jan 09 03:46	0°♋			6580 Jun 16 11:15	0°♎	
	6578 Feb 03 19:22	0°♌			6580 Jul 11 00:08	0°♏	
	6578 Mar 02 21:41	0°♍			6580 Aug 04 12:19	0°♐	
asc. node	6578 Mar 04 14:36	1°♍47'08		asc. node	6580 Aug 19 09:40	18°♐14'54	
evening max el	6578 Mar 09 07:32	6°♍37'30	47°04'48		6580 Aug 28 23:35	0°♑	
	6578 Apr 04 16:30	0°♎		morning set	6580 Sep 02 15:03	5°♑42'10	
greatest brilliancy	6578 Apr 18 20:48	7°♎51'16	-4.9m		6580 Sep 22 09:17	0°♒	
retrograde	6578 Apr 28 22:41	9°♎46'15		max. Earth dist.	6580 Oct 07 22:30	19°♒09'41	1.73302 AU
evening set	6578 May 16 01:54	4°♎05'29					
inferior conj	6578 May 19 19:22	1°♎48'23	7°35'09	superior conj	6580 Oct 09 05:14	20°♒44'29	1°24'48
minimum elong	6578 May 20 05:24	1°♎32'47	7°33'20	minimum elong	6580 Oct 09 02:37	20°♒36'23	1°24'48
min. Earth dist.	6578 May 19 17:42	1°♎50'57	0.27466 AU		6580 Oct 16 17:22	0°♌	
	6578 May 22 17:52	30°♏♍			6580 Nov 10 00:31	0°♍	
morning rise	6578 May 24 09:08	29°♏02'10		evening rise	6580 Nov 14 22:04	6°♍03'00	
direct	6578 Jun 09 14:27	23°♏56'59			6580 Dec 04 07:27	0°♎	
greatest brilliancy	6578 Jun 19 05:48	25°♏40'20	-4.8m	desc. node	6580 Dec 09 01:55	5°♎53'34	
desc. node	6578 Jun 24 07:07	27°♏46'58			6580 Dec 28 14:20	0°♏	
	6578 Jun 28 10:11	0°♐			6581 Jan 21 21:17	0°♋	
morning max el	6578 Jul 28 23:48	24°♐53'10	46°04'08		6581 Feb 15 05:38	0°♌	
	6578 Aug 03 04:18	0°♑			6581 Mar 11 19:15	0°♍	
	6578 Aug 31 11:08	0°♒		asc. node	6581 Apr 01 02:22	24°♍19'14	
	6578 Sep 26 22:18	0°♑			6581 Apr 05 22:00	0°♎	
asc. node	6578 Oct 15 07:40	21°♑30'51			6581 May 02 06:07	0°♏	
	6578 Oct 22 11:21	0°♒		evening max el	6581 May 20 03:02	18°♏46'58	46°29'01
	6578 Nov 16 09:46	0°♌			6581 May 31 22:47	0°♐	
	6578 Dec 10 22:00	0°♍		greatest brilliancy	6581 Jun 28 00:16	18°♐29'18	-4.8m
	6579 Jan 04 03:33	0°♎		retrograde	6581 Jul 09 02:25	20°♐45'29	
morning set	6579 Jan 23 10:54	24°♎03'53		desc. node	6581 Jul 21 19:02	17°♐32'20	
	6579 Jan 28 04:50	0°♏		evening set	6581 Jul 24 01:41	16°♐21'31	
desc. node	6579 Feb 03 23:38	8°♏29'22		inferior conj	6581 Jul 30 10:34	12°♐32'51	-2°05'21
	6579 Feb 21 03:19	0°♋		minimum elong	6581 Jul 30 05:59	12°♐40'00	2°04'03
max. Earth dist.	6579 Mar 03 16:45	13°♋16'09	1.71224 AU	min. Earth dist.	6581 Jul 29 21:51	12°♐52'40	0.28441 AU
				morning rise	6581 Aug 05 10:49	8°♐56'57	
superior conj	6579 Mar 05 02:18	15°♋01'36	-1°03'18	direct	6581 Aug 20 17:07	4°♐26'43	
minimum elong	6579 Mar 04 14:23	14°♋24'07	1°02'52	greatest brilliancy	6581 Aug 30 14:26	6°♐12'39	-4.7m
	6579 Mar 17 00:05	0°♌			6581 Oct 04 00:35	0°♑	
	6579 Apr 09 20:41	0°♍		morning max el	6581 Oct 08 10:14	4°♑07'31	45°41'41
evening rise	6579 Apr 14 19:39	6°♍13'22			6581 Nov 02 14:33	0°♒	
	6579 May 03 19:14	0°♎		asc. node	6581 Nov 11 19:33	10°♒08'22	
asc. node	6579 May 27 24:00	0°♏			6581 Nov 29 05:46	0°♌	
	6579 May 27 21:58	0°♑			6581 Dec 24 14:21	0°♍	
	6579 Jun 21 06:54	0°♒			6582 Jan 18 06:30	0°♎	
	6579 Jul 16 00:25	0°♑			6582 Feb 11 13:21	0°♏	
	6579 Aug 10 06:45	0°♒		desc. node	6582 Mar 03 11:41	24°♏50'20	

	6582 Mar 07 14:46	0° H		inferior conj	6584 Oct 08 06:29	19° Ω 52'01	-8°29'39
	6582 Mar 31 13:09	0° Y		minimum elong	6584 Oct 08 03:16	19° Ω 57'06	8°29'29
morning set	6582 Apr 09 17:34	11° Y 31'47		min. Earth dist.	6584 Oct 08 08:12	19° Ω 49'20	0.29152 AU
	6582 Apr 24 10:33	0° B		morning rise	6584 Oct 11 13:54	17° Ω 48'23	
	6582 May 18 08:59	0° II		direct	6584 Oct 29 20:59	11° Ω 33'33	
				greatest brilliancy	6584 Nov 09 09:37	13° Ω 34'13	-4.8m
superior conj	6582 May 19 23:49	2° II 01'30	-1°12'50		6584 Dec 04 16:57	0° M	
minimum elong	6582 May 20 10:20	2° II 34'22	1°12'36	asc. node	6584 Dec 09 07:16	4° M 03'24	
max. Earth dist.	6582 May 23 12:15	6° II 25'27	1.71788 AU	morning max el	6584 Dec 18 07:58	12° M 37'18	46°07'45
	6582 Jun 11 10:02	0° E			6585 Jan 04 01:49	0° J	
asc. node	6582 Jun 24 11:47	16° E 14'14			6585 Jan 30 14:56	0° Z	
evening rise	6582 Jun 28 10:32	21° E 07'44			6585 Feb 24 20:00	0° \approx	
	6582 Jul 05 14:39	0° Ω			6585 Mar 21 10:08	0° H	
	6582 Jul 29 23:19	0° M		desc. node	6585 Mar 30 23:39	11° H 47'09	
	6582 Aug 23 12:49	0° Ω			6585 Apr 14 16:41	0° Y	
	6582 Sep 17 09:01	0° M			6585 May 08 19:48	0° B	
	6582 Oct 12 15:00	0° J			6585 Jun 01 22:19	0° II	
desc. node	6582 Oct 14 04:18	1° J 49'36		morning set	6585 Jun 22 19:16	25° II 55'36	
	6582 Nov 07 11:40	0° Z			6585 Jun 26 02:07	0° E	
	6582 Dec 04 10:15	0° \approx			6585 Jul 20 07:52	0° Ω	
evening max el	6582 Dec 24 01:22	20° \approx 21'58	46°35'08	asc. node	6585 Jul 21 23:44	2° Ω 03'08	
	6583 Jan 03 05:08	0° H					
greatest brilliancy	6583 Feb 02 03:27	20° H 32'21	-4.9m	superior conj	6585 Jul 30 19:31	12° Ω 56'51	0°21'05
asc. node	6583 Feb 04 04:57	21° H 12'41		minimum elong	6585 Jul 30 15:00	12° Ω 42'55	0°20'49
retrograde	6583 Feb 12 03:14	22° H 24'39		max. Earth dist.	6585 Aug 01 15:06	15° Ω 11'17	1.73088 AU
evening set	6583 Feb 27 12:31	17° H 44'07			6585 Aug 13 15:19	0° M	
inferior conj	6583 Mar 04 16:45	14° H 39'16	6°38'17	evening rise	6585 Sep 05 12:01	28° M 08'57	
minimum elong	6583 Mar 04 05:43	14° H 56'10	6°35'50		6585 Sep 07 00:08	0° Ω	
min. Earth dist.	6583 Mar 04 07:51	14° H 52'55	0.26839 AU		6585 Oct 01 10:40	0° M	
morning rise	6583 Mar 08 23:03	12° H 05'59			6585 Oct 25 23:49	0° J	
direct	6583 Mar 25 06:49	6° H 55'19		desc. node	6585 Nov 10 16:03	19° J 03'52	
greatest brilliancy	6583 Apr 03 20:19	8° H 39'59	-4.9m		6585 Nov 19 16:32	0° Z	
	6583 May 04 16:24	0° Y			6585 Dec 14 13:37	0° \approx	
morning max el	6583 May 14 16:21	9° Y 38'18	46°50'20		6586 Jan 08 17:14	0° H	
desc. node	6583 May 26 21:26	22° Y 17'21			6586 Feb 03 10:52	0° Y	
	6583 Jun 03 00:35	0° B			6586 Mar 02 18:08	0° B	
	6583 Jun 29 14:22	0° II		asc. node	6586 Mar 03 16:41	0° B 58'24	
	6583 Jul 25 05:43	0° E		evening max el	6586 Mar 06 20:18	4° B 11'56	47°04'57
	6583 Aug 19 10:48	0° Ω			6586 Apr 05 18:24	0° II	
	6583 Sep 13 09:07	0° M		greatest brilliancy	6586 Apr 16 12:05	5° II 30'45	-4.9m
asc. node	6583 Sep 16 21:38	4° M 15'41		retrograde	6586 Apr 26 12:17	7° II 24'44	
	6583 Oct 08 01:27	0° Ω		evening set	6586 May 13 19:06	1° II 39'17	
	6583 Nov 01 12:21	0° M			6586 May 16 12:13	30° R B	
morning set	6583 Nov 11 00:38	11° M 43'59		inferior conj	6586 May 17 09:14	29° B 27'23	7°47'36
	6583 Nov 25 19:01	0° J		minimum elong	6586 May 17 18:54	29° B 12'22	7°45'58
max. Earth dist.	6583 Dec 15 14:49	24° J 36'45	1.72337 AU	min. Earth dist.	6586 May 17 07:51	29° B 29'32	0.27446 AU
				morning rise	6586 May 21 18:50	26° B 47'06	
superior conj	6583 Dec 18 08:54	28° J 02'11	0°44'13	direct	6586 Jun 07 03:19	21° B 36'03	
minimum elong	6583 Dec 18 17:48	28° J 29'55	0°43'52	greatest brilliancy	6586 Jun 16 19:37	23° B 20'01	-4.8m
	6583 Dec 19 22:47	0° Z		desc. node	6586 Jun 23 09:12	26° B 12'34	
desc. node	6584 Jan 06 13:48	21° Z 57'27			6586 Jun 29 17:50	0° II	
	6584 Jan 13 00:32	0° \approx		morning max el	6586 Jul 26 13:40	22° II 34'49	46°05'39
evening rise	6584 Jan 26 15:14	17° \approx 00'03			6586 Aug 03 00:54	0° E	
	6584 Feb 06 00:42	0° H			6586 Aug 31 02:18	0° Ω	
	6584 Mar 01 00:05	0° Y			6586 Sep 26 11:17	0° M	
	6584 Mar 25 00:28	0° B		asc. node	6586 Oct 14 09:36	21° M 00'46	
	6584 Apr 18 05:00	0° II			6586 Oct 21 23:13	0° Ω	
asc. node	6584 Apr 28 14:08	12° II 45'24			6586 Nov 15 21:00	0° M	
	6584 May 12 17:57	0° E			6586 Dec 10 08:56	0° J	
	6584 Jun 06 21:28	0° Ω			6587 Jan 03 14:21	0° Z	
	6584 Jul 03 03:34	0° M		morning set	6587 Jan 20 23:39	21° Z 40'08	
evening max el	6584 Jul 29 20:38	27° M 56'51	45°42'56		6587 Jan 27 15:36	0° \approx	
	6584 Jul 31 23:51	0° Ω		desc. node	6587 Feb 03 01:43	8° \approx 02'12	
desc. node	6584 Aug 18 06:53	15° Ω 00'48			6587 Feb 20 14:04	0° H	
greatest brilliancy	6584 Sep 06 08:46	26° Ω 11'18	-4.7m	max. Earth dist.	6587 Mar 01 00:12	10° H 34'55	1.71242 AU
retrograde	6584 Sep 16 17:39	28° Ω 07'26					
evening set	6584 Oct 04 16:36	22° Ω 05'22		superior conj	6587 Mar 02 13:14	12° H 31'19	-1°00'29

minimum elong	6587 Mar 02 01:21	11° Υ 53'57	1°00'03	greatest brilliancy	6589 Aug 28 04:54	4° Ω 00'58	-4.7m
	6587 Mar 16 10:50	0° Υ			6589 Oct 04 00:08	0° Υ	
	6587 Apr 09 07:26	0° Υ		morning max el	6589 Oct 06 02:17	1° Υ 58'37	45°41'30
evening rise	6587 Apr 12 06:29	3° Υ 43'00			6589 Nov 02 06:15	0° Ω	
	6587 May 03 06:03	0° Π		asc. node	6589 Nov 10 21:31	9° Ω 33'01	
asc. node	6587 May 27 01:58	29° Π 38'28			6589 Nov 28 18:56	0° Ω	
	6587 May 27 08:56	0° Ω			6589 Dec 24 02:24	0° Υ	
	6587 Jun 20 18:08	0° Ω			6590 Jan 17 17:58	0° Ω	
	6587 Jul 15 12:09	0° Υ			6590 Feb 11 00:29	0° \approx	
	6587 Aug 09 19:27	0° Ω		desc. node	6590 Mar 02 13:35	24° \approx 22'02	
	6587 Sep 05 01:35	0° Ω			6590 Mar 07 01:42	0° Υ	
desc. node	6587 Sep 15 18:31	11° Ω 43'52			6590 Mar 30 23:58	0° Υ	
	6587 Oct 03 07:19	0° Υ		morning set	6590 Apr 07 03:54	8° Υ 59'41	
evening max el	6587 Oct 10 01:14	6° Υ 35'37	45°44'55		6590 Apr 23 21:18	0° Υ	
	6587 Nov 08 02:36	0° Ω					
greatest brilliancy	6587 Nov 18 13:18	4° Ω 53'08	-4.8m	superior conj	6590 May 17 12:04	29° Υ 36'14	-1°14'53
retrograde	6587 Nov 27 21:14	6° Ω 28'49		minimum elong	6590 May 17 22:14	0° Π 08'01	1°14'41
evening set	6587 Dec 13 14:16	1° Ω 44'30			6590 May 17 19:40	0° Π	
	6587 Dec 16 13:56	30° Υ 37'01		max. Earth dist.	6590 May 21 01:42	4° Π 04'04	1.71741 AU
inferior conj	6587 Dec 18 21:22	28° Υ 35'12	-4°31'19		6590 Jun 10 20:40	0° Ω	
minimum elong	6587 Dec 19 06:21	28° Υ 21'20	4°28'52	asc. node	6590 Jun 23 13:54	15° Ω 47'49	
min. Earth dist.	6587 Dec 19 18:59	28° Υ 01'52	0.27778 AU	evening rise	6590 Jun 26 01:10	18° Ω 51'30	
morning rise	6587 Dec 24 21:40	25° Υ 00'19			6590 Jul 05 01:17	0° Ω	
asc. node	6588 Jan 06 19:10	20° Υ 37'01			6590 Jul 29 10:03	0° Υ	
direct	6588 Jan 08 23:14	20° Υ 31'15			6590 Aug 22 23:51	0° Ω	
greatest brilliancy	6588 Jan 20 03:29	22° Υ 51'04	-4.9m		6590 Sep 16 20:35	0° Ω	
	6588 Feb 01 21:38	0° Ω			6590 Oct 12 03:29	0° Υ	
morning max el	6588 Feb 28 12:07	23° Ω 26'56	46°51'34	desc. node	6590 Oct 13 06:11	1° Υ 18'18	
	6588 Mar 05 20:36	0° \approx			6590 Nov 07 01:51	0° Ω	
	6588 Apr 01 22:41	0° Υ			6590 Dec 04 04:00	0° \approx	
desc. node	6588 Apr 27 11:34	0° Υ 01'08		evening max el	6590 Dec 21 15:35	18° \approx 01'52	46°33'14
	6588 Apr 27 11:11	0° Υ			6591 Jan 03 10:37	0° Υ	
	6588 May 22 08:12	0° Υ		greatest brilliancy	6591 Jan 30 16:33	18° Υ 06'40	-4.9m
	6588 Jun 15 22:46	0° Π		asc. node	6591 Feb 03 06:58	19° Υ 11'16	
	6588 Jul 10 11:12	0° Ω		retrograde	6591 Feb 09 15:33	19° Υ 57'56	
	6588 Aug 03 23:04	0° Ω		evening set	6591 Feb 24 21:38	15° Υ 23'00	
asc. node	6588 Aug 18 11:39	17° Ω 48'29		inferior conj	6591 Mar 02 05:21	12° Υ 13'07	6°21'05
	6588 Aug 28 10:08	0° Υ		minimum elong	6591 Mar 01 18:21	12° Υ 30'00	6°18'31
morning set	6588 Aug 31 08:23	3° Υ 35'39		min. Earth dist.	6591 Mar 01 21:07	12° Υ 25'45	0.26829 AU
	6588 Sep 21 19:43	0° Ω		morning rise	6591 Mar 06 15:09	9° Υ 34'32	
max. Earth dist.	6588 Oct 05 19:50	17° Ω 15'15	1.73318 AU	direct	6591 Mar 22 19:32	4° Υ 29'18	
				greatest brilliancy	6591 Apr 01 10:03	6° Υ 14'30	-4.9m
superior conj	6588 Oct 06 23:03	18° Ω 39'11	1°24'16		6591 May 04 19:31	0° Υ	
minimum elong	6588 Oct 06 19:46	18° Ω 29'03	1°24'16	morning max el	6591 May 12 04:36	7° Υ 11'49	46°51'18
	6588 Oct 16 03:49	0° Ω		desc. node	6591 May 25 23:31	21° Υ 32'33	
	6588 Nov 09 11:04	0° Υ			6591 Jun 02 17:56	0° Υ	
evening rise	6588 Nov 12 14:25	3° Υ 52'39			6591 Jun 29 04:33	0° Π	
	6588 Dec 03 18:12	0° Ω			6591 Jul 24 18:20	0° Ω	
desc. node	6588 Dec 08 03:55	5° Ω 26'25			6591 Aug 18 22:29	0° Ω	
	6588 Dec 28 01:21	0° \approx			6591 Sep 12 20:15	0° Υ	
	6589 Jan 21 08:40	0° Υ		asc. node	6591 Sep 15 23:34	3° Υ 48'04	
	6589 Feb 14 17:33	0° Υ			6591 Oct 07 12:14	0° Ω	
	6589 Mar 11 07:58	0° Υ			6591 Oct 31 22:59	0° Ω	
asc. node	6589 Mar 31 04:17	23° Υ 44'18		morning set	6591 Nov 08 17:35	9° Ω 35'25	
	6589 Apr 05 12:07	0° Π			6591 Nov 25 05:37	0° Υ	
	6589 May 01 23:19	0° Ω		max. Earth dist.	6591 Dec 13 04:04	22° Υ 15'46	1.72385 AU
evening max el	6589 May 17 19:14	16° Ω 34'00	46°30'58				
	6589 Jun 01 03:18	0° Ω		superior conj	6591 Dec 15 23:51	25° Υ 46'24	0°47'11
greatest brilliancy	6589 Jun 25 16:06	16° Ω 16'53	-4.8m	minimum elong	6591 Dec 16 09:05	26° Υ 15'05	0°46'51
retrograde	6589 Jul 06 18:55	18° Ω 33'22			6591 Dec 19 09:26	0° Ω	
desc. node	6589 Jul 20 21:03	14° Ω 37'06		desc. node	6592 Jan 05 15:53	21° Ω 30'28	
evening set	6589 Jul 21 17:11	14° Ω 10'01			6592 Jan 12 11:18	0° \approx	
min. Earth dist.	6589 Jul 27 13:23	10° Ω 40'56	0.28398 AU	evening rise	6592 Jan 24 03:56	14° \approx 35'51	
inferior conj	6589 Jul 28 02:09	10° Ω 21'04	-1°45'06		6592 Feb 05 11:37	0° Υ	
minimum elong	6589 Jul 27 22:16	10° Ω 27'07	1°43'58		6592 Feb 29 11:10	0° Υ	
morning rise	6589 Aug 03 04:00	6° Ω 43'18			6592 Mar 24 11:47	0° Υ	
direct	6589 Aug 18 08:53	2° Ω 15'39			6592 Apr 17 16:40	0° Π	

asc. node	6592 Apr 27 16:08	12° Π 15'10		6594 Nov 15 08:24	0° \mathbb{M}	
	6592 May 12 06:12	0° \mathfrak{G}		6594 Dec 09 20:01	0° \mathfrak{X}	
	6592 Jun 06 10:51	0° Ω		6595 Jan 03 01:19	0° \mathfrak{Z}	
	6592 Jul 02 19:23	0° \mathbb{P}	morning set	6595 Jan 18 12:46	19° \mathfrak{Z} 17'05	
evening max el	6592 Jul 27 11:11	25° \mathbb{P} 42'40	45°43'55	6595 Jan 27 02:33	0° \approx	
	6592 Jul 31 23:07	0° $\underline{\Omega}$		6595 Feb 02 03:38	7° \approx 33'59	
desc. node	6592 Aug 17 08:53	13° $\underline{\Omega}$ 55'24		6595 Feb 20 01:02	0° \mathfrak{H}	
greatest brilliancy	6592 Sep 04 00:10	24° $\underline{\Omega}$ 01'55	-4.7m	6595 Feb 26 10:00	8° \mathfrak{H} 00'25	1.71266 AU
retrograde	6592 Sep 14 09:19	25° $\underline{\Omega}$ 58'53				
evening set	6592 Oct 02 06:41	19° $\underline{\Omega}$ 59'53		superior conj	6595 Feb 28 00:04	10° \mathfrak{H} 00'01 -0°57'34
inferior conj	6592 Oct 05 22:51	17° $\underline{\Omega}$ 43'12	-8°25'59	minimum elong	6595 Feb 27 12:20	9° \mathfrak{H} 23'08 0°57'06
minimum elong	6592 Oct 05 18:53	17° $\underline{\Omega}$ 49'27	8°25'44		6595 Mar 15 21:50	0° Υ
min. Earth dist.	6592 Oct 05 23:44	17° $\underline{\Omega}$ 41'48	0.29160 AU		6595 Apr 08 18:30	0° \mathfrak{B}
morning rise	6592 Oct 09 07:02	15° $\underline{\Omega}$ 38'19		evening rise	6595 Apr 09 16:59	1° \mathfrak{B} 10'34
direct	6592 Oct 27 12:48	9° $\underline{\Omega}$ 24'41			6595 May 02 17:12	0° Π
greatest brilliancy	6592 Nov 07 01:38	11° $\underline{\Omega}$ 24'57	-4.8m	asc. node	6595 May 26 04:02	29° Π 09'54
	6592 Dec 04 21:08	0° \mathbb{M}			6595 May 26 20:13	0° \mathfrak{G}
asc. node	6592 Dec 08 09:23	3° \mathbb{M} 09'58			6595 Jun 20 05:42	0° Ω
morning max el	6592 Dec 15 22:15	10° \mathbb{M} 20'59	46°06'13		6595 Jul 15 00:13	0° \mathbb{P}
	6593 Jan 03 18:50	0° \mathfrak{X}			6595 Aug 09 08:31	0° $\underline{\Omega}$
	6593 Jan 30 04:56	0° \mathfrak{Z}			6595 Sep 04 16:48	0° \mathbb{M}
	6593 Feb 24 08:42	0° \approx		desc. node	6595 Sep 14 20:26	11° \mathbb{M} 04'09
	6593 Mar 20 22:08	0° \mathfrak{H}			6595 Oct 03 04:10	0° \mathfrak{X}
desc. node	6593 Mar 30 01:34	11° \mathfrak{H} 16'40		evening max el	6595 Oct 07 16:27	4° \mathfrak{X} 22'36 45°44'00
	6593 Apr 14 04:15	0° Υ			6595 Nov 09 20:41	0° \mathfrak{Z}
	6593 May 08 07:02	0° \mathfrak{B}		greatest brilliancy	6595 Nov 16 02:28	2° \mathfrak{Z} 35'32 -4.8m
	6593 Jun 01 09:18	0° Π		retrograde	6595 Nov 25 11:42	4° \mathfrak{Z} 11'49
morning set	6593 Jun 20 09:58	23° Π 38'41			6595 Dec 10 04:30	30° \mathfrak{R} \mathfrak{X}
	6593 Jun 25 12:56	0° \mathfrak{G}		evening set	6595 Dec 11 07:18	29° \mathfrak{X} 23'14
	6593 Jul 19 18:35	0° Ω		inferior conj	6595 Dec 16 11:44	26° \mathfrak{X} 17'13 -4°49'42
asc. node	6593 Jul 21 01:41	1° Ω 36'07		minimum elong	6595 Dec 16 21:06	26° \mathfrak{X} 02'46 4°47'14
				min. Earth dist.	6595 Dec 17 09:17	25° \mathfrak{X} 43'58 0.27841 AU
superior conj	6593 Jul 28 11:51	10° Ω 46'13	0°17'48	morning rise	6595 Dec 22 10:16	22° \mathfrak{X} 44'54
minimum elong	6593 Jul 28 08:00	10° Ω 34'19	0°17'33	asc. node	6596 Jan 05 21:05	18° \mathfrak{X} 13'14
max. Earth dist.	6593 Jul 30 08:02	13° Ω 02'34	1.73056 AU	direct	6596 Jan 06 14:50	18° \mathfrak{X} 12'34
	6593 Aug 13 02:00	0° \mathbb{P}		greatest brilliancy	6596 Jan 17 18:20	20° \mathfrak{X} 32'05 -4.8m
evening rise	6593 Sep 03 05:57	26° \mathbb{P} 03'36			6596 Feb 02 16:54	0° \mathfrak{Z}
	6593 Sep 06 10:51	0° $\underline{\Omega}$		morning max el	6596 Feb 26 03:42	21° \mathfrak{Z} 08'59 46°50'26
	6593 Sep 30 21:31	0° \mathbb{M}			6596 Mar 05 16:29	0° \approx
	6593 Oct 25 10:59	0° \mathfrak{X}		desc. node	6596 Apr 01 14:04	0° \mathfrak{H}
desc. node	6593 Nov 09 18:08	18° \mathfrak{X} 35'23			6596 Apr 26 13:39	29° \mathfrak{H} 26'56
	6593 Nov 19 04:13	0° \mathfrak{Z}			6596 Apr 27 00:42	0° Υ
	6593 Dec 14 02:05	0° \approx			6596 May 21 20:44	0° \mathfrak{B}
	6594 Jan 08 06:56	0° \mathfrak{H}			6596 Jun 15 10:40	0° Π
	6594 Feb 03 02:49	0° Υ			6596 Jul 09 22:39	0° \mathfrak{G}
asc. node	6594 Mar 02 18:34	0° \mathfrak{B} 07'28			6596 Aug 03 10:11	0° Ω
	6594 Mar 02 15:39	0° \mathfrak{B}		asc. node	6596 Aug 17 13:34	17° Ω 20'43
evening max el	6594 Mar 04 09:09	1° \mathfrak{B} 45'43	47°05'00		6596 Aug 27 21:01	0° \mathbb{P}
	6594 Apr 07 08:14	0° Π		morning set	6596 Aug 29 01:33	1° \mathbb{P} 27'36
greatest brilliancy	6594 Apr 14 02:31	3° Π 07'42	-4.9m		6596 Sep 21 06:30	0° $\underline{\Omega}$
retrograde	6594 Apr 24 01:58	5° Π 01'34		max. Earth dist.	6596 Oct 03 16:57	15° $\underline{\Omega}$ 19'09 1.73331 AU
	6594 May 10 02:32	30° \mathfrak{R} \mathfrak{B}				
evening set	6594 May 11 11:55	29° \mathfrak{B} 11'14		superior conj	6596 Oct 04 16:50	16° $\underline{\Omega}$ 32'44 1°23'38
inferior conj	6594 May 14 22:45	27° \mathfrak{B} 04'33	7°59'22	minimum elong	6596 Oct 04 12:55	16° $\underline{\Omega}$ 20'40 1°23'37
minimum elong	6594 May 15 07:58	26° \mathfrak{B} 50'15	7°57'56		6596 Oct 15 14:37	0° \mathbb{M}
min. Earth dist.	6594 May 14 21:20	27° \mathfrak{B} 06'45	0.27424 AU		6596 Nov 08 22:00	0° \mathfrak{X}
morning rise	6594 May 19 04:08	24° \mathfrak{B} 30'37		evening rise	6596 Nov 10 06:54	1° \mathfrak{X} 41'32
direct	6594 Jun 04 16:06	19° \mathfrak{B} 13'17			6596 Dec 03 05:19	0° \mathfrak{Z}
greatest brilliancy	6594 Jun 14 08:46	20° \mathfrak{B} 57'49	-4.8m	desc. node	6596 Dec 07 05:58	4° \mathfrak{Z} 58'16
desc. node	6594 Jun 22 11:15	24° \mathfrak{B} 40'29			6596 Dec 27 12:44	0° \approx
	6594 Jun 30 17:07	0° Π			6597 Jan 20 20:25	0° \mathfrak{H}
morning max el	6594 Jul 24 04:03	20° Π 17'07	46°07'14		6597 Feb 14 05:48	0° Υ
	6594 Aug 02 21:02	0° \mathfrak{G}			6597 Mar 10 21:04	0° \mathfrak{B}
	6594 Aug 30 17:25	0° Ω		asc. node	6597 Mar 30 06:17	23° \mathfrak{B} 08'26
	6594 Sep 26 00:19	0° \mathbb{P}			6597 Apr 05 02:43	0° Π
asc. node	6594 Oct 13 11:33	20° \mathbb{P} 30'23			6597 May 01 17:21	0° \mathfrak{G}
	6594 Oct 21 11:11	0° $\underline{\Omega}$		evening max el	6597 May 15 11:26	14° \mathfrak{G} 19'31 46°32'40

	6597 Jun 01 10:40	0°♌		superior conj	6599 Dec 13 14:53	23°♊30'05	0°50'04
greatest brilliancy	6597 Jun 23 08:28	14°♌03'17	-4.8m	minimum elong	6599 Dec 14 00:23	23°♊59'37	0°49'45
retrograde	6597 Jul 04 10:58	16°♌19'04			6599 Dec 18 20:20	0°♊	
evening set	6597 Jul 19 08:46	11°♌56'28		desc. node	6600 Jan 04 17:45	21°♊02'00	
desc. node	6597 Jul 19 23:00	11°♌36'41			6600 Jan 11 22:19	0°♊	
min. Earth dist.	6597 Jul 25 05:02	8°♌26'58	0.28354 AU	evening rise	6600 Jan 21 16:51	12°♊11'42	
inferior conj	6597 Jul 25 17:35	8°♌07'22	-1°24'28		6600 Feb 04 22:49	0°♋	
minimum elong	6597 Jul 25 14:27	8°♌12'16	1°23'33		6600 Feb 28 22:33	0°♋	
morning rise	6597 Jul 31 20:52	4°♌27'44			6600 Mar 24 23:22	0°♋	
direct	6597 Aug 16 00:30	0°♌02'51			6600 Apr 18 04:34	0°♌	
greatest brilliancy	6597 Aug 25 19:15	1°♌47'20	-4.7m	asc. node	6600 Apr 27 18:13	11°♌44'29	
morning max el	6597 Oct 03 17:18	29°♌45'54	45°41'26		6600 May 12 18:42	0°♌	
	6597 Oct 03 23:12	0°♍			6600 Jun 07 00:30	0°♌	
	6597 Nov 01 22:06	0°♌			6600 Jul 03 11:37	0°♍	
asc. node	6597 Nov 09 23:38	8°♌57'21		evening max el	6600 Jul 26 01:38	23°♍27'48	45°44'55
	6597 Nov 28 08:23	0°♍			6600 Aug 01 23:42	0°♌	
	6597 Dec 23 14:45	0°♊		desc. node	6600 Aug 17 10:49	12°♌47'39	
	6598 Jan 17 05:45	0°♊		greatest brilliancy	6600 Sep 02 15:08	21°♌51'27	-4.7m
	6598 Feb 10 11:57	0°♊		retrograde	6600 Sep 13 01:26	23°♌50'00	
desc. node	6598 Mar 01 15:34	23°♊52'56		evening set	6600 Sep 30 20:35	17°♌54'05	
	6598 Mar 06 12:58	0°♋		inferior conj	6600 Oct 04 15:16	15°♌33'52	-8°21'37
	6598 Mar 30 11:06	0°♋		minimum elong	6600 Oct 04 10:36	15°♌41'12	8°21'16
morning set	6598 Apr 04 14:37	6°♋27'47		min. Earth dist.	6600 Oct 04 15:12	15°♌33'58	0.29169 AU
	6598 Apr 23 08:21	0°♋		morning rise	6600 Oct 08 00:33	13°♌27'27	
				direct	6600 Oct 26 04:46	7°♌15'13	
superior conj	6598 May 15 00:32	27°♋10'40	-1°16'47	greatest brilliancy	6600 Nov 05 17:54	9°♌15'34	-4.7m
minimum elong	6598 May 15 10:14	27°♋41'02	1°16'36		6600 Dec 05 23:54	0°♍	
	6598 May 17 06:39	0°♌		asc. node	6600 Dec 08 11:17	2°♍16'33	
max. Earth dist.	6598 May 18 15:29	1°♌42'41	1.71697 AU	morning max el	6600 Dec 14 13:19	8°♍06'11	46°04'46
	6598 Jun 10 07:38	0°♌			6601 Jan 04 11:41	0°♊	
asc. node	6598 Jun 22 15:50	15°♌19'44			6601 Jan 30 18:57	0°♊	
evening rise	6598 Jun 23 15:39	16°♌33'35			6601 Feb 24 21:28	0°♊	
	6598 Jul 04 12:18	0°♌			6601 Mar 21 10:14	0°♋	
	6598 Jul 28 21:12	0°♍		desc. node	6601 Mar 30 03:36	10°♋46'08	
	6598 Aug 22 11:17	0°♌			6601 Apr 14 15:56	0°♋	
	6598 Sep 16 08:33	0°♍			6601 May 08 18:23	0°♋	
	6598 Oct 11 16:25	0°♊			6601 Jun 01 20:24	0°♌	
desc. node	6598 Oct 12 08:17	0°♊46'26		morning set	6601 Jun 19 00:49	21°♌21'44	
	6598 Nov 06 16:34	0°♊			6601 Jun 25 23:50	0°♌	
	6598 Dec 03 22:34	0°♊			6601 Jul 20 05:22	0°♌	
evening max el	6598 Dec 19 04:49	15°♊38'25	46°31'16	asc. node	6601 Jul 21 03:37	1°♌08'47	
	6599 Jan 03 18:51	0°♋					
greatest brilliancy	6599 Jan 28 06:08	15°♋40'33	-4.9m	superior conj	6601 Jul 27 04:22	8°♌35'51	0°14'29
asc. node	6599 Feb 02 08:55	17°♋03'53		minimum elong	6601 Jul 27 01:11	8°♌26'03	0°14'18
retrograde	6599 Feb 07 03:31	17°♋30'30		behind sun begin	6601 Jul 26 14:41	7°♌53'37	
evening set	6599 Feb 22 06:58	13°♋00'38		behind sun end	6601 Jul 27 11:41	8°♌58'29	
inferior conj	6599 Feb 27 18:00	9°♋46'18	6°03'10	max. Earth dist.	6601 Jul 29 01:52	10°♌56'21	1.73023 AU
minimum elong	6599 Feb 27 07:07	10°♋03'01	6°00'31		6601 Aug 13 12:44	0°♍	
min. Earth dist.	6599 Feb 27 10:49	9°♋57'20	0.26821 AU	evening rise	6601 Sep 02 00:08	23°♍58'51	
morning rise	6599 Mar 04 07:15	7°♋02'31			6601 Sep 06 21:38	0°♌	
direct	6599 Mar 20 07:48	2°♋02'19			6601 Oct 01 08:29	0°♍	
greatest brilliancy	6599 Mar 30 00:22	3°♋48'52	-4.9m		6601 Oct 25 22:17	0°♊	
	6599 May 04 21:26	0°♋		desc. node	6601 Nov 09 20:07	18°♊06'13	
morning max el	6599 May 09 16:23	4°♋43'14	46°52'26		6601 Nov 19 16:03	0°♊	
desc. node	6599 May 25 01:34	20°♋47'39			6601 Dec 14 14:43	0°♊	
	6599 Jun 02 11:09	0°♋			6602 Jan 08 20:50	0°♋	
	6599 Jun 28 18:49	0°♌					
	6599 Jul 24 07:07	0°♌					
	6599 Aug 18 10:25	0°♌					
asc. node	6599 Sep 12 07:39	0°♍					
	6599 Sep 15 01:35	3°♍19'45					
	6599 Oct 06 23:20	0°♌					
	6599 Oct 31 09:54	0°♍					
morning set	6599 Nov 06 10:27	7°♍25'44					
	6599 Nov 24 16:28	0°♊					
max. Earth dist.	6599 Dec 10 20:00	20°♊02'20	1.72432 AU				