

superior conj	6601 Jul 27 04:22	8°Ω35'51	0°14'29	evening set	6603 Dec 10 00:30	27°♂02'51	
minimum elong	6601 Jul 27 01:11	8°Ω26'03	0°14'18	inferior conj	6603 Dec 15 02:14	24°♂00'08	-5°07'31
behind sun begin	6601 Jul 26 14:41	7°Ω53'37		minimum elong	6603 Dec 15 11:54	23°♂45'11	5°05'03
behind sun end	6601 Jul 27 11:41	8°Ω58'29		min. Earth dist.	6603 Dec 15 23:44	23°♂26'53	0.27906 AU
max. Earth dist.	6601 Jul 29 01:52	10°Ω56'21	1.73023 AU	morning rise	6603 Dec 20 22:43	20°♂30'21	
	6601 Aug 13 12:44	0°♍		direct	6604 Jan 05 06:28	15°♂54'49	
evening rise	6601 Sep 02 00:08	23°♍58'51		asc. node	6604 Jan 05 23:03	15°♂55'24	
	6601 Sep 06 21:38	0°♎		greatest brilliancy	6604 Jan 16 09:10	18°♂13'31	-4.8m
	6601 Oct 01 08:29	0°♏			6604 Feb 04 07:06	0°♐	
	6601 Oct 25 22:17	0°♑		morning max el	6604 Feb 24 18:38	18°♐49'41	46°49'11
desc. node	6601 Nov 09 20:07	18°♑06'13			6604 Mar 06 11:41	0°♑	
	6601 Nov 19 16:03	0°♒			6604 Apr 02 05:06	0°♓	
	6601 Dec 14 14:43	0°♓		desc. node	6604 Apr 26 15:42	28°♓53'16	
	6602 Jan 08 20:50	0°♔			6604 Apr 27 13:58	0°♕	
	6602 Feb 03 19:05	0°♕			6604 May 22 09:01	0°♖	
asc. node	6602 Mar 02 20:37	29°♕15'57			6604 Jun 15 22:20	0°♗	
evening max el	6602 Mar 02 22:43	29°♕21'15	47°04'59		6604 Jul 10 09:54	0°♘	
	6602 Mar 03 14:03	0°♙			6604 Aug 03 21:06	0°♙	
	6602 Apr 10 19:55	0°♚		asc. node	6604 Aug 17 15:38	16°♙53'59	
greatest brilliancy	6602 Apr 12 16:17	0°♚43'38	-4.9m	morning set	6604 Aug 27 18:46	29°♙20'19	
retrograde	6602 Apr 22 16:07	2°♚38'02			6604 Aug 28 07:42	0°♛	
	6602 May 04 00:40	30°♛			6604 Sep 21 17:04	0°♜	
evening set	6602 May 10 04:38	26°♛42'44		max. Earth dist.	6604 Oct 02 12:55	13°♜20'14	1.73338 AU
inferior conj	6602 May 13 12:12	24°♛41'09	8°10'23				
minimum elong	6602 May 13 20:55	24°♛27'40	8°09'07	superior conj	6604 Oct 03 10:49	14°♜27'44	1°22'54
min. Earth dist.	6602 May 13 10:23	24°♛43'58	0.27402 AU	minimum elong	6604 Oct 03 06:16	14°♜13'44	1°22'51
morning rise	6602 May 17 13:19	22°♛13'49			6604 Oct 16 01:10	0°♞	
direct	6602 Jun 03 05:22	16°♛50'07		evening rise	6604 Nov 08 23:37	29°♞32'05	
greatest brilliancy	6602 Jun 12 21:20	18°♛34'38	-4.8m		6604 Nov 09 08:40	0°♟	
desc. node	6602 Jun 22 13:08	23°♛11'13			6604 Dec 03 16:11	0°♠	
	6602 Jul 02 10:24	0°♠		desc. node	6604 Dec 07 07:54	4°♠30'32	
morning max el	6602 Jul 22 19:05	18°♠00'57	46°08'58		6604 Dec 27 23:54	0°♡	
	6602 Aug 03 16:33	0°♢			6605 Jan 21 08:00	0°♣	
	6602 Aug 31 08:16	0°♣			6605 Feb 14 17:57	0°♤	
	6602 Sep 26 13:11	0°♥			6605 Mar 11 10:04	0°♥	
asc. node	6602 Oct 13 13:38	20°♥00'44		asc. node	6605 Mar 30 08:21	22°♥33'07	
	6602 Oct 21 23:02	0°♦			6605 Apr 05 17:17	0°♧	
	6602 Nov 15 19:43	0°♧			6605 May 02 11:35	0°♨	
	6602 Dec 10 07:04	0°♩		evening max el	6605 May 14 02:37	12°♨03'02	46°34'24
	6603 Jan 03 12:16	0°♪			6605 Jun 02 20:24	0°♫	
morning set	6603 Jan 17 02:01	16°♪54'37		greatest brilliancy	6605 Jun 22 01:20	11°♫50'45	-4.8m
	6603 Jan 27 13:28	0°♬		retrograde	6605 Jul 03 02:29	14°♫05'08	
desc. node	6603 Feb 02 05:38	7°♬06'06		evening set	6605 Jul 18 00:26	9°♫43'03	
	6603 Feb 20 11:57	0°♭		desc. node	6605 Jul 20 01:02	8°♫33'41	
max. Earth dist.	6603 Feb 24 20:16	5°♭27'34	1.71288 AU	inferior conj	6605 Jul 24 08:57	5°♫54'10	-1°03'30
				minimum elong	6605 Jul 24 06:34	5°♫57'52	1°02'50
superior conj	6603 Feb 26 10:54	7°♭28'56	-0°54'31	min. Earth dist.	6605 Jul 23 20:55	6°♫12'58	0.28309 AU
minimum elong	6603 Feb 25 23:25	6°♭52'49	0°54'02	morning rise	6605 Jul 30 13:27	2°♫12'39	
	6603 Mar 16 08:45	0°♣			6605 Aug 04 04:09	30°♫	
evening rise	6603 Apr 08 03:30	28°♣38'25		direct	6605 Aug 14 15:34	27°♣50'28	
	6603 Apr 09 05:29	0°♤		greatest brilliancy	6605 Aug 24 09:57	29°♣34'24	-4.7m
	6603 May 03 04:17	0°♥			6605 Aug 25 14:34	0°♦	
asc. node	6603 May 26 05:58	28°♥41'06		morning max el	6605 Oct 02 07:33	27°♦32'01	45°41'33
	6603 May 27 07:28	0°♧			6605 Oct 04 21:01	0°♨	
	6603 Jun 20 17:13	0°♩			6605 Nov 02 13:23	0°♪	
	6603 Jul 15 12:15	0°♪		asc. node	6605 Nov 10 01:30	8°♪22'09	
	6603 Aug 09 21:34	0°♫			6605 Nov 28 21:22	0°♬	
desc. node	6603 Sep 05 08:02	0°♬			6605 Dec 24 02:42	0°♭	
	6603 Sep 14 22:33	10°♬25'16			6606 Jan 17 17:10	0°♧	
	6603 Oct 04 01:32	0°♭			6606 Feb 10 23:05	0°♨	
evening max el	6603 Oct 06 07:52	2°♭10'43	45°43'01	desc. node	6606 Mar 01 17:39	23°♨24'59	
	6603 Nov 13 17:25	0°♧			6606 Mar 06 23:57	0°♣	
greatest brilliancy	6603 Nov 14 16:05	0°♧19'19	-4.8m		6606 Mar 30 22:00	0°♤	
retrograde	6603 Nov 24 01:56	1°♧55'32		morning set	6606 Apr 03 00:49	3°♤54'54	
	6603 Dec 03 22:08	30°♧			6606 Apr 23 19:10	0°♥	

superior conj	6606 May 13 12:30	24° ♁ 44'14	-1°18'33	morning rise	6608 Oct 05 18:10	11° ♁ 16'21	
minimum elong	6606 May 13 21:38	25° ♁ 12'50	1°18'24	direct	6608 Oct 23 20:52	5° ♁ 05'57	
max. Earth dist.	6606 May 17 02:21	29° ♁ 12'56	1.71649 AU	greatest brilliancy	6608 Nov 03 09:28	7° ♁ 05'58	-4.7m
	6606 May 17 17:23	0° ♁			6608 Dec 06 00:57	0° ♁	
	6606 Jun 10 18:20	0° ♁		asc. node	6608 Dec 07 13:16	1° ♁ 24'59	
evening rise	6606 Jun 22 05:36	14° ♁ 14'45		morning max el	6608 Dec 12 05:18	5° ♁ 54'28	46°03'27
asc. node	6606 Jun 22 17:46	14° ♁ 52'29			6609 Jan 04 03:56	0° ♁	
	6606 Jul 04 23:02	0° ♁			6609 Jan 30 08:32	0° ♁	
	6606 Jul 29 08:05	0° ♁			6609 Feb 24 09:50	0° ♁	
	6606 Aug 22 22:29	0° ♁			6609 Mar 20 21:57	0° ♁	
	6606 Sep 16 20:18	0° ♁		desc. node	6609 Mar 29 05:37	10° ♁ 16'44	
desc. node	6606 Oct 12 10:17	0° ♁ 15'04			6609 Apr 14 03:13	0° ♁	
	6606 Oct 12 05:07	0° ♁			6609 May 08 05:24	0° ♁	
	6606 Nov 07 07:04	0° ♁			6609 Jun 01 07:13	0° ♁	
	6606 Dec 04 17:09	0° ♁		morning set	6609 Jun 16 15:21	19° ♁ 04'30	
evening max el	6606 Dec 17 17:15	13° ♁ 14'30	46°29'23		6609 Jun 25 10:31	0° ♁	
	6607 Jan 05 05:18	0° ♁			6609 Jul 19 15:57	0° ♁	
greatest brilliancy	6607 Jan 26 19:30	13° ♁ 15'36	-4.9m	asc. node	6609 Jul 20 05:43	0° ♁ 42'33	
asc. node	6607 Feb 02 10:56	14° ♁ 52'40					
retrograde	6607 Feb 05 15:34	15° ♁ 04'44		superior conj	6609 Jul 24 20:23	6° ♁ 24'30	0°11'07
evening set	6607 Feb 20 16:31	10° ♁ 39'03		minimum elong	6609 Jul 24 17:55	6° ♁ 16'54	0°10'57
inferior conj	6607 Feb 26 06:41	7° ♁ 20'46	5°44'26	behind sun begin	6609 Jul 24 00:39	5° ♁ 23'32	
minimum elong	6607 Feb 25 20:00	7° ♁ 37'10	5°41'44	behind sun end	6609 Jul 25 11:12	7° ♁ 10'15	
min. Earth dist.	6607 Feb 26 00:36	7° ♁ 30'07	0.26822 AU	max. Earth dist.	6609 Jul 26 19:54	8° ♁ 51'14	1.72991 AU
morning rise	6607 Mar 02 23:23	4° ♁ 32'02			6609 Aug 12 23:16	0° ♁	
	6607 Mar 14 10:26	30° ♁		evening rise	6609 Aug 30 17:54	21° ♁ 53'27	
direct	6607 Mar 18 19:59	29° ♁ 36'18			6609 Sep 06 08:14	0° ♁	
	6607 Mar 23 07:44	0° ♁			6609 Sep 30 19:16	0° ♁	
greatest brilliancy	6607 Mar 28 15:03	1° ♁ 24'46	-4.9m		6609 Oct 25 09:26	0° ♁	
	6607 May 05 21:46	0° ♁		desc. node	6609 Nov 08 22:02	17° ♁ 37'23	
morning max el	6607 May 08 04:54	2° ♁ 17'08	46°53'25		6609 Nov 19 03:45	0° ♁	
desc. node	6607 May 25 03:27	20° ♁ 03'34			6609 Dec 14 03:14	0° ♁	
	6607 Jun 03 03:48	0° ♁			6610 Jan 08 10:39	0° ♁	
	6607 Jun 29 08:41	0° ♁			6610 Feb 03 11:20	0° ♁	
	6607 Jul 24 19:34	0° ♁		evening max el	6610 Feb 28 13:21	27° ♁ 00'39	47°05'04
	6607 Aug 18 22:01	0° ♁		asc. node	6610 Mar 01 22:40	28° ♁ 24'34	
	6607 Sep 12 18:44	0° ♁			6610 Mar 03 12:57	0° ♁	
asc. node	6607 Sep 15 03:36	2° ♁ 52'24		greatest brilliancy	6610 Apr 10 05:48	28° ♁ 20'49	-4.9m
	6607 Oct 07 10:06	0° ♁			6610 Apr 16 15:26	0° ♁	
	6607 Oct 31 20:30	0° ♁		retrograde	6610 Apr 20 06:42	0° ♁ 15'54	
morning set	6607 Nov 05 03:22	5° ♁ 17'06			6610 Apr 23 20:29	30° ♁	
	6607 Nov 25 03:01	0° ♁		evening set	6610 May 07 21:25	24° ♁ 16'00	
max. Earth dist.	6607 Dec 09 13:35	17° ♁ 54'59	1.72473 AU	inferior conj	6610 May 11 01:48	22° ♁ 19'08	8°20'25
				minimum elong	6610 May 11 09:58	22° ♁ 06'31	8°19'20
superior conj	6607 Dec 12 06:11	21° ♁ 15'39	0°52'53	min. Earth dist.	6610 May 10 23:11	22° ♁ 23'11	0.27380 AU
minimum elong	6607 Dec 12 15:53	21° ♁ 45'48	0°52'32	morning rise	6610 May 14 22:41	19° ♁ 58'16	
	6607 Dec 19 06:55	0° ♁		direct	6610 May 31 19:12	14° ♁ 28'35	
desc. node	6608 Jan 04 19:48	20° ♁ 35'11		greatest brilliancy	6610 Jun 10 09:26	16° ♁ 12'08	-4.8m
	6608 Jan 12 09:00	0° ♁		desc. node	6610 Jun 21 15:14	21° ♁ 46'33	
evening rise	6608 Jan 20 06:12	9° ♁ 50'10			6610 Jul 02 22:50	0° ♁	
	6608 Feb 05 09:38	0° ♁		morning max el	6610 Jul 20 10:18	15° ♁ 45'53	46°10'22
	6608 Feb 29 09:33	0° ♁			6610 Aug 03 11:16	0° ♁	
	6608 Mar 24 10:38	0° ♁			6610 Aug 30 22:47	0° ♁	
	6608 Apr 17 16:13	0° ♁		asc. node	6610 Sep 26 01:51	0° ♁	
asc. node	6608 Apr 26 20:05	11° ♁ 13'57			6610 Oct 12 15:33	19° ♁ 30'55	
	6608 May 12 07:01	0° ♁			6610 Oct 21 10:44	0° ♁	
	6608 Jun 06 14:03	0° ♁			6610 Nov 15 06:53	0° ♁	
	6608 Jul 03 03:56	0° ♁			6610 Dec 09 17:59	0° ♁	
evening max el	6608 Jul 23 16:35	21° ♁ 14'40	45°46'07		6611 Jan 02 23:05	0° ♁	
	6608 Aug 02 01:23	0° ♁		morning set	6611 Jan 14 15:16	14° ♁ 32'35	
desc. node	6608 Aug 16 12:55	11° ♁ 38'50			6611 Jan 27 00:16	0° ♁	
greatest brilliancy	6608 Aug 31 05:26	19° ♁ 40'40	-4.7m	desc. node	6611 Feb 01 07:42	6° ♁ 38'45	
retrograde	6608 Sep 10 17:58	21° ♁ 41'23			6611 Feb 19 22:44	0° ♁	
evening set	6608 Sep 28 10:08	15° ♁ 48'44		max. Earth dist.	6611 Feb 22 04:19	2° ♁ 48'10	1.71306 AU
inferior conj	6608 Oct 02 07:30	13° ♁ 24'38	-8°16'29				
minimum elong	6608 Oct 02 02:10	13° ♁ 33'00	8°16'03	superior conj	6611 Feb 23 21:52	4° ♁ 58'39	-0°51'22
min. Earth dist.	6608 Oct 02 06:11	13° ♁ 26'42	0.29175 AU	minimum elong	6611 Feb 23 10:43	4° ♁ 23'37	0°50'53

	6611 Mar 15 19:33	0° Υ		morning max el	6613 Sep 29 21:42	25° Ω 17'47	45°41'37
evening rise	6611 Apr 05 14:12	26° Υ 07'17			6613 Oct 04 18:02	0° \mathbb{M}	
	6611 Apr 08 16:19	0° \mathcal{B}			6613 Nov 02 04:34	0° $\underline{\mathcal{B}}$	
	6611 May 02 15:11	0° Π		asc. node	6613 Nov 09 03:31	7° $\underline{\mathcal{B}}$ 47'14	
asc. node	6611 May 25 07:56	28° Π 13'04			6613 Nov 28 10:28	0° \mathbb{M}	
	6611 May 26 18:31	0° \mathcal{E}			6613 Dec 23 14:49	0° \mathcal{A}	
	6611 Jun 20 04:33	0° Ω			6614 Jan 17 04:47	0° \mathcal{Z}	
	6611 Jul 15 00:10	0° \mathbb{M}			6614 Feb 10 10:24	0° \approx	
	6611 Aug 09 10:37	0° $\underline{\mathcal{B}}$		desc. node	6614 Feb 28 19:35	22° \approx 55'57	
	6611 Sep 04 23:30	0° \mathbb{M}			6614 Mar 06 11:08	0° \mathcal{H}	
desc. node	6611 Sep 14 00:32	9° \mathbb{M} 45'32			6614 Mar 30 09:06	0° Υ	
	6611 Oct 03 23:48	0° \mathcal{A}		morning set	6614 Mar 31 10:50	1° Υ 20'51	
evening max el	6611 Oct 03 22:56	29° \mathbb{M} 57'55	45°42'01		6614 Apr 23 06:12	0° \mathcal{B}	
greatest brilliancy	6611 Nov 12 06:17	28° \mathcal{A} 03'47	-4.8m				
retrograde	6611 Nov 21 15:34	29° \mathcal{A} 39'16		superior conj	6614 May 11 00:28	22° \mathcal{B} 17'04	-1°20'10
evening set	6611 Dec 07 17:47	24° \mathcal{A} 42'29		minimum elong	6614 May 11 08:59	22° \mathcal{B} 43'44	1°20'03
inferior conj	6611 Dec 12 16:46	21° \mathcal{A} 43'16	-5°24'43	max. Earth dist.	6614 May 14 09:47	26° \mathcal{B} 31'40	1.71602 AU
minimum elong	6611 Dec 13 02:39	21° \mathcal{A} 27'55	5°22'16		6614 May 17 04:21	0° Π	
min. Earth dist.	6611 Dec 13 14:28	21° \mathcal{A} 09'37	0.27970 AU		6614 Jun 10 05:15	0° \mathcal{E}	
morning rise	6611 Dec 18 10:58	18° \mathcal{A} 16'07		evening rise	6614 Jun 19 19:35	11° \mathcal{E} 55'21	
direct	6612 Jan 02 21:42	13° \mathcal{A} 37'13		asc. node	6614 Jun 21 19:52	14° \mathcal{E} 25'07	
asc. node	6612 Jan 05 01:09	13° \mathcal{A} 42'41			6614 Jul 04 09:58	0° Ω	
greatest brilliancy	6612 Jan 14 00:15	15° \mathcal{A} 55'17	-4.8m		6614 Jul 28 19:10	0° \mathbb{M}	
	6612 Feb 04 17:41	0° \mathcal{Z}			6614 Aug 22 09:51	0° $\underline{\mathcal{B}}$	
morning max el	6612 Feb 22 08:40	16° \mathcal{Z} 28'04	46°47'56		6614 Sep 16 08:14	0° \mathbb{M}	
	6612 Mar 06 06:23	0° \approx		desc. node	6614 Oct 11 12:11	29° \mathbb{M} 42'43	
	6612 Apr 01 19:57	0° \mathcal{H}			6614 Oct 11 18:07	0° \mathcal{A}	
desc. node	6612 Apr 25 17:33	28° \mathcal{H} 19'13			6614 Nov 06 22:04	0° \mathcal{Z}	
	6612 Apr 27 03:06	0° Υ			6614 Dec 04 12:41	0° \approx	
	6612 May 21 21:12	0° \mathcal{B}		evening max el	6614 Dec 15 05:59	10° \approx 50'30	46°27'28
	6612 Jun 15 09:54	0° Π			6615 Jan 05 19:58	0° \mathcal{H}	
	6612 Jul 09 21:01	0° \mathcal{E}		greatest brilliancy	6615 Jan 24 08:33	10° \mathcal{H} 49'07	-4.9m
	6612 Aug 03 07:55	0° Ω		asc. node	6615 Feb 01 12:57	12° \mathcal{H} 34'51	
asc. node	6612 Aug 16 17:36	16° Ω 27'07		retrograde	6615 Feb 03 04:05	12° \mathcal{H} 38'02	
morning set	6612 Aug 25 12:10	27° Ω 13'37		evening set	6615 Feb 18 02:14	8° \mathcal{H} 15'56	
	6612 Aug 27 18:21	0° \mathbb{M}		inferior conj	6615 Feb 23 19:21	4° \mathcal{H} 54'06	5°24'57
	6612 Sep 21 03:39	0° $\underline{\mathcal{B}}$		minimum elong	6615 Feb 23 08:56	5° \mathcal{H} 10'03	5°22'14
max. Earth dist.	6612 Sep 30 07:12	11° $\underline{\mathcal{B}}$ 16'05	1.73351 AU	min. Earth dist.	6615 Feb 23 14:12	5° \mathcal{H} 01'59	0.26824 AU
				morning rise	6615 Feb 28 15:28	2° \mathcal{H} 00'44	
superior conj	6612 Oct 01 04:53	12° $\underline{\mathcal{B}}$ 22'52	1°22'01		6615 Mar 04 12:24	30° \mathcal{R} \approx	
minimum elong	6612 Sep 30 23:45	12° $\underline{\mathcal{B}}$ 07'04	1°21'58	direct	6615 Mar 16 08:25	27° \approx 09'05	
	6612 Oct 15 11:49	0° \mathbb{M}		greatest brilliancy	6615 Mar 26 05:30	28° \approx 59'28	-4.9m
evening rise	6612 Nov 06 16:18	27° \mathbb{M} 22'16			6615 Mar 28 18:41	0° \mathcal{H}	
	6612 Nov 08 19:26	0° \mathcal{A}			6615 May 05 21:22	0° Υ	
	6612 Dec 03 03:10	0° \mathcal{Z}		morning max el	6615 May 05 18:24	29° \mathcal{H} 52'33	46°54'22
desc. node	6612 Dec 06 09:55	4° \mathcal{Z} 02'45		desc. node	6615 May 24 05:34	19° Υ 19'50	
	6612 Dec 27 11:11	0° \approx			6615 Jun 02 20:27	0° \mathcal{B}	
	6613 Jan 20 19:43	0° \mathcal{H}			6615 Jun 28 22:43	0° Π	
	6613 Feb 14 06:16	0° Υ			6615 Jul 24 08:15	0° \mathcal{E}	
	6613 Mar 10 23:17	0° \mathcal{B}			6615 Aug 18 09:52	0° Ω	
asc. node	6613 Mar 29 10:15	21° \mathcal{B} 56'43			6615 Sep 12 06:03	0° \mathbb{M}	
	6613 Apr 05 08:09	0° Π		asc. node	6615 Sep 14 05:32	2° \mathbb{M} 24'03	
	6613 May 02 06:21	0° \mathcal{E}			6615 Oct 06 21:06	0° $\underline{\mathcal{B}}$	
evening max el	6613 May 11 17:10	9° \mathcal{E} 44'39	46°36'16		6615 Oct 31 07:21	0° \mathbb{M}	
	6613 Jun 03 09:28	0° Ω		morning set	6615 Nov 02 20:41	3° \mathbb{M} 09'04	
greatest brilliancy	6613 Jun 19 18:47	9° Ω 39'06	-4.8m		6615 Nov 24 13:51	0° \mathcal{A}	
retrograde	6613 Jun 30 17:58	11° Ω 51'58		max. Earth dist.	6615 Dec 07 08:30	15° \mathcal{A} 50'53	1.72520 AU
evening set	6613 Jul 15 16:30	7° Ω 29'56					
desc. node	6613 Jul 19 03:03	5° Ω 29'40		superior conj	6615 Dec 09 21:43	19° \mathcal{A} 00'58	0°55'33
min. Earth dist.	6613 Jul 21 13:20	3° Ω 59'22	0.28264 AU	minimum elong	6615 Dec 10 07:33	19° \mathcal{A} 31'30	0°55'14
inferior conj	6613 Jul 22 00:36	3° Ω 41'46	-0°42'40		6615 Dec 18 17:50	0° \mathcal{Z}	
minimum elong	6613 Jul 21 23:00	3° Ω 44'16	0°42'13	desc. node	6616 Jan 03 21:53	20° \mathcal{Z} 07'21	
morning rise	6613 Jul 28 06:09	29° \mathcal{E} 58'32			6616 Jan 11 20:04	0° \approx	
	6613 Jul 28 05:04	30° \mathcal{R} \mathcal{E}		evening rise	6616 Jan 17 19:32	7° \approx 27'23	
direct	6613 Aug 12 06:25	25° \mathcal{E} 38'41			6616 Feb 04 20:52	0° \mathcal{H}	
greatest brilliancy	6613 Aug 22 01:20	27° \mathcal{E} 22'41	-4.7m		6616 Feb 28 20:58	0° Υ	
	6613 Aug 28 04:59	0° Ω			6616 Mar 23 22:18	0° \mathcal{B}	




























































































































	6616 Apr 17 04:17	0°♐			6618 Oct 20 22:41	0°♌		
asc. node	6616 Apr 25 22:07	10°♐42'39			6618 Nov 14 18:18	0°♍		
	6616 May 11 19:47	0°♌			6618 Dec 09 05:08	0°♎		
	6616 Jun 06 04:08	0°♍			6619 Jan 02 10:07	0°♏		
	6616 Jul 02 20:59	0°♎		morning set	6619 Jan 12 05:07	12°♏11'51		
evening max el	6616 Jul 21 08:41	19°♎03'26 45°47'27			6619 Jan 26 11:15	0°♐		
	6616 Aug 02 05:00	0°♌		desc. node	6619 Jan 31 09:38	6°♐10'21		
desc. node	6616 Aug 15 14:54	10°♌27'06			6619 Feb 19 09:45	0°♑		
greatest brilliancy	6616 Aug 28 19:52	17°♌29'34 -4.7m		max. Earth dist.	6619 Feb 19 11:04	0°♑04'07 1.71334 AU		
retrograde	6616 Sep 08 11:00	19°♌32'22						
evening set	6616 Sep 25 23:45	13°♌43'26		superior conj	6619 Feb 21 09:10	2°♑28'49 -0°48'08		
inferior conj	6616 Sep 29 23:54	11°♌15'11 -8°10'40		minimum elong	6619 Feb 20 22:28	1°♑55'13 0°47'40		
minimum elong	6616 Sep 29 17:57	11°♌24'31 8°10'08			6619 Mar 15 06:38	0°♒		
min. Earth dist.	6616 Sep 29 21:05	11°♌19'36 0.29173 AU		evening rise	6619 Apr 03 00:44	23°♒34'33		
morning rise	6616 Oct 03 12:09	9°♌04'43			6619 Apr 08 03:29	0°♓		
direct	6616 Oct 21 13:30	2°♌56'43			6619 May 02 02:28	0°♐		
greatest brilliancy	6616 Nov 01 00:27	4°♌55'34 -4.7m		asc. node	6619 May 24 10:01	27°♐44'10		
	6616 Dec 06 01:00	0°♍			6619 May 26 05:57	0°♌		
asc. node	6616 Dec 06 15:23	0°♍34'11			6619 Jun 19 16:18	0°♍		
morning max el	6616 Dec 09 21:47	3°♍43'40 46°01'59			6619 Jul 14 12:30	0°♎		
	6617 Jan 03 20:10	0°♎			6619 Aug 09 00:07	0°♌		
	6617 Jan 29 22:21	0°♏			6619 Sep 04 15:33	0°♍		
	6617 Feb 23 22:34	0°♐		desc. node	6619 Sep 13 02:28	9°♍04'29		
	6617 Mar 20 10:04	0°♑		evening max el	6619 Oct 01 13:22	27°♍42'56 45°41'09		
desc. node	6617 Mar 28 07:34	9°♑45'44			6619 Oct 03 23:19	0°♎		
	6617 Apr 13 14:56	0°♒		greatest brilliancy	6619 Nov 09 21:09	25°♎48'57 -4.8m		
	6617 May 07 16:49	0°♓		retrograde	6619 Nov 19 05:13	27°♎23'36		
	6617 May 31 18:25	0°♐		evening set	6619 Dec 05 11:21	22°♎22'32		
morning set	6617 Jun 14 05:40	16°♐45'20		inferior conj	6619 Dec 10 07:35	19°♎27'05 -5°41'07		
	6617 Jun 24 21:33	0°♌		minimum elong	6619 Dec 10 17:38	19°♎11'27 5°38'43		
asc. node	6617 Jul 19 07:39	0°♍14'43		min. Earth dist.	6619 Dec 11 05:43	18°♎52'41 0.28029 AU		
	6617 Jul 19 02:53	0°♍		morning rise	6619 Dec 15 23:20	16°♎02'49		
				direct	6619 Dec 31 12:40	11°♎20'13		
superior conj	6617 Jul 22 12:17	4°♍11'35 0°07'43		asc. node	6620 Jan 04 03:04	11°♎35'25		
minimum elong	6617 Jul 22 10:34	4°♍06'16 0°07'35		greatest brilliancy	6620 Jan 11 16:00	13°♎38'20 -4.8m		
behind sun begin	6617 Jul 21 13:38	3°♍01'34			6620 Feb 05 01:21	0°♏		
behind sun end	6617 Jul 23 07:30	5°♍10'59		morning max el	6620 Feb 19 22:21	14°♏05'39 46°46'43		
max. Earth dist.	6617 Jul 24 15:28	6°♍49'43 1.72957 AU			6620 Mar 06 00:36	0°♐		
	6617 Aug 12 10:10	0°♎			6620 Apr 01 10:40	0°♑		
evening rise	6617 Aug 28 11:50	19°♎47'21		desc. node	6620 Apr 24 19:39	27°♑45'44		
	6617 Sep 05 19:10	0°♌			6620 Apr 26 16:17	0°♒		
	6617 Sep 30 06:23	0°♍			6620 May 21 09:32	0°♓		
	6617 Oct 24 20:53	0°♎			6620 Jun 14 21:41	0°♐		
desc. node	6617 Nov 08 00:09	17°♎08'20			6620 Jul 09 08:23	0°♌		
	6617 Nov 18 15:44	0°♏			6620 Aug 02 18:58	0°♍		
	6617 Dec 13 16:05	0°♐		asc. node	6620 Aug 15 19:32	15°♍59'29		
	6618 Jan 08 00:53	0°♑		morning set	6620 Aug 23 05:08	25°♍04'56		
	6618 Feb 03 04:19	0°♒			6620 Aug 27 05:11	0°♎		
evening max el	6618 Feb 26 04:23	24°♒39'27 47°04'44			6620 Sep 20 14:24	0°♌		
asc. node	6618 Mar 01 00:34	27°♒30'16		max. Earth dist.	6620 Sep 28 01:05	9°♌10'16 1.73360 AU		
	6618 Mar 03 13:34	0°♓						
greatest brilliancy	6618 Apr 07 19:27	25°♓55'58 -4.9m		superior conj	6620 Sep 28 22:44	10°♌16'56 1°21'02		
retrograde	6618 Apr 17 20:53	27°♓50'58		minimum elong	6620 Sep 28 17:03	9°♌59'26 1°20'58		
evening set	6618 May 05 13:45	21°♓47'08			6620 Oct 14 22:35	0°♍		
inferior conj	6618 May 08 15:07	19°♓54'39 8°29'36		evening rise	6620 Nov 04 09:03	25°♍12'23		
minimum elong	6618 May 08 22:39	19°♓43'02 8°28'42			6620 Nov 08 06:19	0°♎		
min. Earth dist.	6618 May 08 11:47	19°♓59'48 0.27356 AU			6620 Dec 02 14:15	0°♏		
morning rise	6618 May 12 07:42	17°♓40'05		desc. node	6620 Dec 05 11:58	3°♏34'49		
direct	6618 May 29 08:46	12°♓04'46			6620 Dec 26 22:33	0°♐		
greatest brilliancy	6618 Jun 07 21:10	13°♓46'59 -4.8m			6621 Jan 20 07:28	0°♑		
desc. node	6618 Jun 20 17:16	20°♓22'46			6621 Feb 13 18:36	0°♒		
	6618 Jul 03 08:46	0°♐			6621 Mar 10 12:32	0°♓		
morning max el	6618 Jul 18 00:41	13°♐27'17 46°11'53		asc. node	6621 Mar 28 12:18	21°♓20'40		
	6618 Aug 03 05:57	0°♌			6621 Apr 04 23:09	0°♐		
	6618 Aug 30 13:29	0°♍			6621 May 02 01:43	0°♌		
	6618 Sep 25 14:46	0°♎		evening max el	6621 May 09 06:57	7°♌23'56 46°37'50		
asc. node	6618 Oct 11 17:31	19°♎00'28			6621 Jun 04 03:30	0°♍		

greatest brilliancy	6621 Jun 17 11:39	7°Ω25'25	-4.8m			6623 Nov 24 00:26	0°♂	
retrograde	6621 Jun 28 09:06	9°Ω37'17		max. Earth dist.		6623 Dec 05 02:40	13°♂45'17	1.72559 AU
evening set	6621 Jul 13 08:20	5°Ω14'42						
desc. node	6621 Jul 18 05:00	2°Ω22'06		superior conj		6623 Dec 07 13:02	16°♂46'27	0°58'09
min. Earth dist.	6621 Jul 19 05:33	1°Ω43'49	0.28225 AU	minimum elong		6623 Dec 07 22:56	17°♂17'11	0°57'51
inferior conj	6621 Jul 19 15:52	1°Ω27'42	-0°21'27			6623 Dec 18 04:29	0°♂	
minimum elong	6621 Jul 19 15:04	1°Ω28'57	0°21'14	desc. node		6624 Jan 02 23:45	19°♂39'43	
	6621 Jul 22 00:23	30°♂				6624 Jan 11 06:51	0°♂	
morning rise	6621 Jul 25 22:21	27°♂43'05		evening rise		6624 Jan 15 08:46	5°♂05'16	
direct	6621 Aug 09 20:37	23°♂25'01				6624 Feb 04 07:49	0°♂	
greatest brilliancy	6621 Aug 19 16:52	25°♂09'50	-4.7m			6624 Feb 28 08:07	0°♂	
	6621 Aug 29 20:37	0°Ω				6624 Mar 23 09:41	0°♂	
morning max el	6621 Sep 27 12:08	23°Ω03'39	45°41'55			6624 Apr 16 16:03	0°♂	
	6621 Oct 04 14:33	0°♂		asc. node		6624 Apr 25 00:11	10°♂12'32	
	6621 Nov 01 19:36	0°♂				6624 May 11 08:13	0°♂	
asc. node	6621 Nov 08 05:37	7°♂12'41				6624 Jun 05 17:54	0°♂	
	6621 Nov 27 23:27	0°♂				6624 Jul 02 13:54	0°♂	
	6621 Dec 23 02:50	0°♂		evening max el		6624 Jul 19 01:21	16°♂54'43	45°48'36
	6622 Jan 16 16:17	0°♂				6624 Aug 02 09:56	0°♂	
	6622 Feb 09 21:37	0°♂		desc. node		6624 Aug 14 16:50	9°♂14'08	
desc. node	6622 Feb 27 21:34	22°♂27'28		greatest brilliancy		6624 Aug 26 10:25	15°♂19'26	-4.7m
	6622 Mar 05 22:10	0°♂		retrograde		6624 Sep 06 03:38	17°♂23'45	
morning set	6622 Mar 28 21:15	28°♂48'27		evening set		6624 Sep 23 13:09	11°♂39'00	
	6622 Mar 29 20:01	0°♂		inferior conj		6624 Sep 27 16:11	9°♂06'16	-8°04'11
	6622 Apr 22 17:02	0°♂		minimum elong		6624 Sep 27 09:39	9°♂16'33	8°03'31
				min. Earth dist.		6624 Sep 27 11:55	9°♂12'59	0.29172 AU
superior conj	6622 May 08 12:39	19°♂51'07	-1°21'38	morning rise		6624 Oct 01 06:12	6°♂53'10	
minimum elong	6622 May 08 20:30	20°♂15'42	1°21'32	direct		6624 Oct 19 06:20	0°♂48'09	
max. Earth dist.	6622 May 11 16:30	23°♂48'42	1.71563 AU	greatest brilliancy		6624 Oct 29 15:05	2°♂45'16	-4.7m
	6622 May 16 15:07	0°♂		asc. node		6624 Dec 05 17:17	29°♂44'27	
	6622 Jun 09 16:02	0°♂				6624 Dec 05 23:43	0°♂	
evening rise	6622 Jun 17 09:33	9°♂36'19		morning max el		6624 Dec 07 13:52	1°♂32'43	46°00'30
asc. node	6622 Jun 20 21:48	13°♂57'36				6625 Jan 03 11:51	0°♂	
	6622 Jul 03 20:49	0°♂				6625 Jan 29 11:43	0°♂	
	6622 Jul 28 06:11	0°♂				6625 Feb 23 10:51	0°♂	
	6622 Aug 21 21:12	0°♂				6625 Mar 19 21:45	0°♂	
	6622 Sep 15 20:10	0°♂		desc. node		6625 Mar 27 09:36	9°♂16'17	
desc. node	6622 Oct 10 14:18	29°♂11'05				6625 Apr 13 02:14	0°♂	
	6622 Oct 11 07:07	0°♂				6625 May 07 03:49	0°♂	
	6622 Nov 06 13:09	0°♂				6625 May 31 05:13	0°♂	
	6622 Dec 04 08:38	0°♂		morning set		6625 Jun 11 20:09	14°♂27'55	
evening max el	6622 Dec 12 19:32	8°♂29'17	46°25'42			6625 Jun 24 08:11	0°♂	
	6623 Jan 06 15:15	0°♂		asc. node		6625 Jul 18 09:36	29°♂48'18	
greatest brilliancy	6623 Jan 21 21:04	8°♂22'48	-4.9m			6625 Jul 18 13:23	0°♂	
retrograde	6623 Jan 31 17:03	10°♂12'04						
asc. node	6623 Jan 31 14:54	10°♂12'04		superior conj		6625 Jul 20 04:22	2°♂00'29	0°04'20
evening set	6623 Feb 15 12:13	5°♂53'10		minimum elong		6625 Jul 20 03:23	1°♂57'29	0°04'14
inferior conj	6623 Feb 21 07:58	2°♂28'02	5°04'55	behind sun begin		6625 Jul 19 04:29	0°♂46'39	
minimum elong	6623 Feb 20 21:53	2°♂43'25	5°02'12	behind sun end		6625 Jul 21 02:18	3°♂08'18	
min. Earth dist.	6623 Feb 21 03:31	2°♂34'50	0.26826 AU	max. Earth dist.		6625 Jul 22 12:40	4°♂54'30	1.72919 AU
	6623 Feb 25 10:35	30°♂				6625 Aug 11 20:38	0°♂	
morning rise	6623 Feb 26 07:25	29°♂30'18		evening rise		6625 Aug 26 05:51	17°♂42'52	
direct	6623 Mar 13 21:21	24°♂42'37				6625 Sep 05 05:42	0°♂	
greatest brilliancy	6623 Mar 23 19:26	26°♂34'23	-4.9m			6625 Sep 29 17:08	0°♂	
	6623 Mar 31 04:24	0°♂				6625 Oct 24 08:01	0°♂	
morning max el	6623 May 03 08:48	27°♂31'19	46°55'21	desc. node		6625 Nov 07 02:06	16°♂39'41	
	6623 May 05 19:35	0°♂				6625 Nov 18 03:28	0°♂	
desc. node	6623 May 23 07:34	18°♂37'21				6625 Dec 13 04:41	0°♂	
	6623 Jun 02 12:24	0°♂				6626 Jan 07 14:57	0°♂	
	6623 Jun 28 12:15	0°♂				6626 Feb 02 21:14	0°♂	
	6623 Jul 23 20:32	0°♂		evening max el		6626 Feb 23 18:51	22°♂17'57	47°04'22
	6623 Aug 17 21:25	0°♂		asc. node		6626 Feb 28 02:39	26°♂36'30	
	6623 Sep 11 17:09	0°♂				6626 Mar 03 14:56	0°♂	
asc. node	6623 Sep 13 07:34	1°♂56'38		greatest brilliancy		6626 Apr 05 09:38	23°♂32'52	-4.9m
	6623 Oct 06 07:54	0°♂		retrograde		6626 Apr 15 10:30	25°♂26'57	
	6623 Oct 30 17:59	0°♂		evening set		6626 May 03 05:56	19°♂19'39	
morning set	6623 Oct 31 13:43	1°♂00'49		inferior conj		6626 May 06 04:26	17°♂31'20	8°38'01

minimum elong	6626 May 06 11:14	17°♄20'48	8°37'17		6628 Nov 07 16:55	0°♁	
min. Earth dist.	6626 May 06 00:42	17°♄37'07	0.27330 AU		6628 Dec 02 01:05	0°♄	
morning rise	6626 May 09 16:41	15°♄22'56		desc. node	6628 Dec 04 13:53	3°♄07'13	
direct	6626 May 26 22:03	9°♄42'05			6628 Dec 26 09:44	0°♁	
greatest brilliancy	6626 Jun 05 09:24	11°♄23'19	-4.8m		6629 Jan 19 19:08	0°♁	
desc. node	6626 Jun 19 19:10	19°♄02'38			6629 Feb 13 06:54	0°♁	
	6626 Jul 03 15:29	0°♄			6629 Mar 10 01:49	0°♄	
morning max el	6626 Jul 15 14:12	11°♄07'37	46°13'32	asc. node	6629 Mar 27 14:20	20°♄44'28	
	6626 Aug 02 23:41	0°♄			6629 Apr 04 14:18	0°♄	
	6626 Aug 30 03:31	0°♄			6629 May 01 21:33	0°♄	
	6626 Sep 25 03:06	0°♄		evening max el	6629 May 06 20:45	5°♄03'38	46°39'42
asc. node	6626 Oct 10 19:37	18°♄31'46			6629 Jun 05 03:44	0°♄	
	6626 Oct 20 10:09	0°♄		greatest brilliancy	6629 Jun 15 03:57	5°♄11'29	-4.8m
	6626 Nov 14 05:19	0°♄		retrograde	6629 Jun 26 00:40	7°♄23'11	
	6626 Dec 08 15:57	0°♁		evening set	6629 Jul 11 00:19	2°♄59'31	
	6627 Jan 01 20:51	0°♄			6629 Jul 16 01:36	30°♄	
morning set	6627 Jan 09 18:42	9°♄51'08		inferior conj	6629 Jul 17 07:09	29°♄13'59	-0°00'04
	6627 Jan 25 21:58	0°♁		minimum elong	6629 Jul 17 07:09	29°♄14'00	0°00'06
desc. node	6627 Jan 30 11:39	5°♁43'06		transit middle	6629 Jul 17 07:09	29°♄14'00	0°00'06
max. Earth dist.	6627 Feb 16 15:49	27°♁14'48	1.71361 AU	transit begin	6629 Jul 17 03:05	29°♄20'19	
				transit end	6629 Jul 17 11:12	29°♄07'40	
superior conj	6627 Feb 18 20:15	29°♁59'18	-0°44'48	min. Earth dist.	6629 Jul 16 21:33	29°♄28'57	0.28185 AU
minimum elong	6627 Feb 18 10:03	29°♁27'19	0°44'20	desc. node	6629 Jul 17 07:03	29°♄14'08	
	6627 Feb 18 20:28	0°♁		morning rise	6629 Jul 23 14:27	25°♄28'26	
	6627 Mar 14 17:24	0°♁		direct	6629 Aug 07 10:51	21°♄11'34	
evening rise	6627 Mar 31 11:06	21°♁02'22		greatest brilliancy	6629 Aug 17 08:17	22°♄57'23	-4.7m
	6627 Apr 07 14:19	0°♄			6629 Aug 30 23:52	0°♄	
	6627 May 01 13:24	0°♄		morning max el	6629 Sep 25 03:37	20°♄52'36	45°42'21
asc. node	6627 May 23 11:56	27°♄15'49			6629 Oct 04 10:10	0°♄	
	6627 May 25 17:04	0°♄			6629 Nov 01 10:13	0°♄	
	6627 Jun 19 03:42	0°♄		asc. node	6629 Nov 07 07:28	6°♄38'13	
	6627 Jul 14 00:30	0°♄			6629 Nov 27 12:09	0°♄	
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	6627 Sep 04 07:23	0°♄			6630 Jan 16 03:37	0°♄	
desc. node	6627 Sep 12 04:35	8°♄24'46			6630 Feb 09 08:44	0°♁	
evening max el	6627 Sep 29 02:54	25°♄27'11	45°40'19	desc. node	6630 Feb 26 23:38	21°♁59'24	
	6627 Oct 03 23:24	0°♁			6630 Mar 05 09:11	0°♁	
greatest brilliancy	6627 Nov 07 11:41	23°♁34'57	-4.8m	morning set	6630 Mar 26 07:15	26°♁14'43	
retrograde	6627 Nov 16 18:52	25°♁09'16			6630 Mar 29 06:59	0°♁	
evening set	6627 Dec 03 04:51	20°♁03'23			6630 Apr 22 03:55	0°♄	
inferior conj	6627 Dec 07 22:25	17°♁11'53	-5°56'51				
minimum elong	6627 Dec 08 08:33	16°♁56'07	5°54'32	superior conj	6630 May 06 00:14	17°♄22'58	-1°22'57
min. Earth dist.	6627 Dec 08 21:03	16°♁36'41	0.28097 AU	minimum elong	6630 May 06 07:19	17°♄45'09	1°22'53
morning rise	6627 Dec 13 11:35	13°♁50'54		max. Earth dist.	6630 May 08 23:08	21°♄05'11	1.71523 AU
direct	6627 Dec 29 03:29	9°♁03'50			6630 May 16 01:57	0°♄	
asc. node	6628 Jan 03 05:03	9°♁33'36			6630 Jun 09 02:49	0°♄	
greatest brilliancy	6628 Jan 09 08:24	11°♁22'56	-4.8m	evening rise	6630 Jun 14 23:03	7°♄15'43	
	6628 Feb 05 06:34	0°♄		asc. node	6630 Jun 19 23:45	13°♄30'07	
morning max el	6628 Feb 17 12:19	11°♄44'21	46°45'29		6630 Jul 03 07:40	0°♄	
	6628 Mar 05 18:14	0°♁			6630 Jul 27 17:12	0°♄	
	6628 Apr 01 01:03	0°♁			6630 Aug 21 08:32	0°♄	
desc. node	6628 Apr 23 21:40	27°♁12'47			6630 Sep 15 08:07	0°♄	
	6628 Apr 26 05:09	0°♁		desc. node	6630 Oct 09 16:16	28°♄38'58	
	6628 May 20 21:32	0°♄			6630 Oct 10 20:11	0°♁	
	6628 Jun 14 09:07	0°♄			6630 Nov 06 04:22	0°♄	
	6628 Jul 08 19:25	0°♄			6630 Dec 04 05:06	0°♁	
	6628 Aug 02 05:42	0°♄		evening max el	6630 Dec 10 10:02	6°♁10'58	46°23'54
asc. node	6628 Aug 14 21:36	15°♄33'05			6631 Jan 07 17:10	0°♁	
morning set	6628 Aug 20 22:14	22°♄57'26		greatest brilliancy	6631 Jan 19 09:14	5°♁56'51	-4.9m
	6628 Aug 26 15:44	0°♄		retrograde	6631 Jan 29 06:15	7°♁46'35	
	6628 Sep 20 00:52	0°♄		asc. node	6631 Jan 30 16:56	7°♁44'03	
max. Earth dist.	6628 Sep 25 19:57	7°♄08'20	1.73368 AU	evening set	6631 Feb 12 22:38	3°♁30'41	
				inferior conj	6631 Feb 18 20:40	0°♁02'20	4°44'18
superior conj	6628 Sep 26 16:52	8°♄12'45	1°19'57	minimum elong	6631 Feb 18 11:03	0°♁17'02	4°41'38
minimum elong	6628 Sep 26 10:39	7°♄53'36	1°19'51	min. Earth dist.	6631 Feb 18 16:43	0°♁08'22	0.26835 AU
	6628 Oct 14 09:04	0°♄			6631 Feb 18 22:12	30°♁	
evening rise	6628 Nov 02 02:11	23°♄04'42		morning rise	6631 Feb 23 23:22	27°♁00'19	

direct	6631 Mar 11 10:58	22° \approx 16'39			6633 Aug 11 07:27	0° \mathbb{M}	
greatest brilliancy	6631 Mar 21 09:08	24° \approx 09'01	-4.9m	evening rise	6633 Aug 23 23:23	15° \mathbb{M} 35'45	
	6631 Apr 01 17:27	0° \mathbb{H}			6633 Sep 04 16:35	0° $\underline{\mathbb{L}}$	
morning max el	6631 Apr 30 23:28	25° \mathbb{H} 10'14	46°55'59		6633 Sep 29 04:14	0° \mathbb{M}	
	6631 May 05 17:10	0° \mathbb{Y}			6633 Oct 23 19:30	0° \mathbb{Z}	
desc. node	6631 May 22 09:27	17° \mathbb{Y} 54'21		desc. node	6633 Nov 06 04:02	16° \mathbb{Z} 10'01	
	6631 Jun 02 04:21	0° \mathbb{B}			6633 Nov 17 15:33	0° \mathbb{Z}	
	6631 Jun 28 01:55	0° \mathbb{II}			6633 Dec 12 17:41	0° \approx	
	6631 Jul 23 08:57	0° \mathbb{G}			6634 Jan 07 05:28	0° \mathbb{H}	
	6631 Aug 17 09:05	0° Ω			6634 Feb 02 14:50	0° \mathbb{Y}	
	6631 Sep 11 04:20	0° \mathbb{M}		evening max el	6634 Feb 21 08:37	19° \mathbb{Y} 53'53	47°03'57
asc. node	6631 Sep 12 09:34	1° \mathbb{M} 28'49		asc. node	6634 Feb 27 04:41	25° \mathbb{Y} 40'48	
	6631 Oct 05 18:47	0° $\underline{\mathbb{L}}$			6634 Mar 03 18:03	0° \mathbb{B}	
morning set	6631 Oct 29 06:57	28° $\underline{\mathbb{L}}$ 52'55		greatest brilliancy	6634 Apr 03 00:15	21° \mathbb{B} 09'46	-4.9m
	6631 Oct 30 04:44	0° \mathbb{M}		retrograde	6634 Apr 12 23:41	23° \mathbb{B} 02'39	
	6631 Nov 23 11:09	0° \mathbb{Z}		evening set	6634 Apr 30 21:58	16° \mathbb{B} 52'19	
max. Earth dist.	6631 Dec 02 19:13	11° \mathbb{Z} 34'28	1.72595 AU	inferior conj	6634 May 03 17:54	15° \mathbb{B} 07'47	8°45'22
				minimum elong	6634 May 03 23:56	14° \mathbb{B} 58'25	8°44'47
superior conj	6631 Dec 05 04:49	14° \mathbb{Z} 33'10	1°00'38	min. Earth dist.	6634 May 03 14:01	15° \mathbb{B} 13'48	0.27306 AU
minimum elong	6631 Dec 05 14:43	15° \mathbb{Z} 03'52	1°00'21	morning rise	6634 May 07 02:02	13° \mathbb{B} 05'18	
	6631 Dec 17 15:15	0° \mathbb{Z}		direct	6634 May 24 11:00	7° \mathbb{B} 19'00	
desc. node	6632 Jan 02 01:48	19° \mathbb{Z} 12'22		greatest brilliancy	6634 Jun 02 22:21	8° \mathbb{B} 59'52	-4.8m
	6632 Jan 10 17:44	0° \approx		desc. node	6634 Jun 18 21:15	17° \mathbb{B} 44'40	
evening rise	6632 Jan 12 22:29	2° \approx 44'22			6634 Jul 03 20:26	0° \mathbb{II}	
	6632 Feb 03 18:52	0° \mathbb{H}		morning max el	6634 Jul 13 03:07	8° \mathbb{II} 45'20	46°15'03
	6632 Feb 27 19:22	0° \mathbb{Y}			6634 Aug 02 17:23	0° \mathbb{G}	
	6632 Mar 22 21:14	0° \mathbb{B}			6634 Aug 29 17:50	0° Ω	
	6632 Apr 16 04:05	0° \mathbb{II}			6634 Sep 24 15:49	0° \mathbb{M}	
asc. node	6632 Apr 24 02:04	9° \mathbb{II} 40'58		asc. node	6634 Oct 09 21:30	18° \mathbb{M} 01'14	
	6632 May 10 21:01	0° \mathbb{G}			6634 Oct 19 21:59	0° $\underline{\mathbb{L}}$	
	6632 Jun 05 08:09	0° Ω			6634 Nov 13 16:41	0° \mathbb{M}	
	6632 Jul 02 07:34	0° \mathbb{M}			6634 Dec 08 03:05	0° \mathbb{Z}	
evening max el	6632 Jul 16 17:59	14° \mathbb{M} 44'44	45°49'54		6635 Jan 01 07:53	0° \mathbb{Z}	
	6632 Aug 02 17:35	0° $\underline{\mathbb{L}}$		morning set	6635 Jan 07 08:28	7° \mathbb{Z} 30'06	
desc. node	6632 Aug 13 18:56	7° $\underline{\mathbb{L}}$ 58'15			6635 Jan 25 08:59	0° \approx	
greatest brilliancy	6632 Aug 24 01:43	13° $\underline{\mathbb{L}}$ 09'17	-4.7m	desc. node	6635 Jan 29 13:41	5° \approx 14'59	
retrograde	6632 Sep 03 19:58	15° $\underline{\mathbb{L}}$ 14'19		max. Earth dist.	6635 Feb 13 21:59	24° \approx 28'56	1.71392 AU
evening set	6632 Sep 21 02:34	9° $\underline{\mathbb{L}}$ 34'07					
inferior conj	6632 Sep 25 08:32	6° $\underline{\mathbb{L}}$ 56'46	-7°57'07	superior conj	6635 Feb 16 07:37	27° \approx 29'43	-0°41'24
minimum elong	6632 Sep 25 01:27	7° $\underline{\mathbb{L}}$ 07'54	7°56'19	minimum elong	6635 Feb 15 22:00	26° \approx 59'32	0°40'56
min. Earth dist.	6632 Sep 25 03:01	7° $\underline{\mathbb{L}}$ 05'26	0.29162 AU		6635 Feb 18 07:31	0° \mathbb{H}	
morning rise	6632 Sep 29 00:24	4° $\underline{\mathbb{L}}$ 40'45			6635 Mar 14 04:29	0° \mathbb{Y}	
	6632 Oct 08 17:23	30° \mathbb{R} \mathbb{M}		evening rise	6635 Mar 28 21:50	18° \mathbb{Y} 30'23	
direct	6632 Oct 16 23:08	28° \mathbb{M} 39'09			6635 Apr 07 01:27	0° \mathbb{B}	
	6632 Oct 25 12:14	0° $\underline{\mathbb{L}}$			6635 May 01 00:38	0° \mathbb{II}	
greatest brilliancy	6632 Oct 27 05:41	0° $\underline{\mathbb{L}}$ 34'19	-4.7m	asc. node	6635 May 22 13:56	26° \mathbb{II} 46'53	
asc. node	6632 Dec 04 19:18	28° $\underline{\mathbb{L}}$ 55'15			6635 May 25 04:27	0° \mathbb{G}	
morning max el	6632 Dec 05 05:13	29° $\underline{\mathbb{L}}$ 19'27	45°59'05		6635 Jun 18 15:27	0° Ω	
	6632 Dec 05 21:46	0° \mathbb{M}			6635 Jul 13 12:55	0° \mathbb{M}	
	6633 Jan 03 03:30	0° \mathbb{Z}			6635 Aug 08 03:03	0° $\underline{\mathbb{L}}$	
	6633 Jan 29 01:10	0° \mathbb{Z}			6635 Sep 04 00:01	0° \mathbb{M}	
	6633 Feb 22 23:16	0° \approx		desc. node	6635 Sep 11 06:31	7° \mathbb{M} 42'38	
	6633 Mar 19 09:35	0° \mathbb{H}		evening max el	6635 Sep 26 16:29	23° \mathbb{M} 10'14	45°39'39
desc. node	6633 Mar 26 11:35	8° \mathbb{H} 46'09			6635 Oct 04 01:23	0° \mathbb{Z}	
	6633 Apr 12 13:41	0° \mathbb{Y}		greatest brilliancy	6635 Nov 05 01:45	21° \mathbb{Z} 19'25	-4.8m
	6633 May 06 15:03	0° \mathbb{B}		retrograde	6635 Nov 14 09:03	22° \mathbb{Z} 54'12	
	6633 May 30 16:17	0° \mathbb{II}		evening set	6635 Nov 30 22:27	17° \mathbb{Z} 43'13	
morning set	6633 Jun 09 10:22	12° \mathbb{II} 08'40		inferior conj	6635 Dec 05 13:18	14° \mathbb{Z} 55'47	-6°11'56
	6633 Jun 23 19:08	0° \mathbb{G}		minimum elong	6635 Dec 05 23:28	14° \mathbb{Z} 39'58	6°09'42
asc. node	6633 Jul 17 11:42	29° \mathbb{G} 21'10		min. Earth dist.	6635 Dec 06 12:09	14° \mathbb{Z} 20'18	0.28163 AU
				morning rise	6635 Dec 10 23:50	11° \mathbb{Z} 38'33	
superior conj	6633 Jul 17 19:59	29° \mathbb{G} 46'48	0°00'51	direct	6635 Dec 26 18:30	6° \mathbb{Z} 46'37	
minimum elong	6633 Jul 17 19:48	29° \mathbb{G} 46'15	0°00'48	asc. node	6636 Jan 02 07:07	7° \mathbb{Z} 35'33	
behind sun begin	6633 Jul 16 20:14	28° \mathbb{G} 33'24		greatest brilliancy	6636 Jan 07 00:44	9° \mathbb{Z} 06'53	-4.8m
behind sun end	6633 Jul 18 19:21	0° Ω 59'05			6636 Feb 05 10:19	0° \mathbb{Z}	
	6633 Jul 18 00:14	0° Ω		morning max el	6636 Feb 15 03:03	9° \mathbb{Z} 24'13	46°44'12
max. Earth dist.	6633 Jul 20 08:26	2° Ω 53'42	1.72880 AU		6636 Mar 05 11:48	0° \approx	

	6636 Mar 31 15:34	0°♄			6638 Oct 10 09:32	0°♄	
desc. node	6636 Apr 22 23:31	26°♄38'31			6638 Nov 05 20:05	0°♄	
	6636 Apr 25 18:15	0°♄			6638 Dec 04 02:40	0°♄	
	6636 May 20 09:49	0°♄	evening max el		6638 Dec 08 00:54	3°♄52'48	46°21'57
	6636 Jun 13 20:49	0°♄			6639 Jan 09 06:37	0°♄	
	6636 Jul 08 06:43	0°♄	greatest brilliancy		6639 Jan 16 21:40	3°♄30'18	-4.9m
	6636 Aug 01 16:44	0°♄	retrograde		6639 Jan 26 19:08	5°♄19'50	
asc. node	6636 Aug 13 23:34	15°♄05'32	asc. node		6639 Jan 29 18:55	5°♄08'56	
morning set	6636 Aug 18 15:18	20°♄48'52	evening set		6639 Feb 10 09:13	1°♄07'05	
	6636 Aug 26 02:36	0°♄			6639 Feb 12 09:08	30°♄	
	6636 Sep 19 11:41	0°♄	inferior conj		6639 Feb 16 09:15	27°♄35'42	4°23'02
max. Earth dist.	6636 Sep 23 15:47	5°♄08'16	minimum elong		6639 Feb 16 00:09	27°♄49'36	4°20'27
			min. Earth dist.		6639 Feb 16 05:56	27°♄40'45	0.26841 AU
superior conj	6636 Sep 24 10:49	6°♄06'54	morning rise		6639 Feb 21 15:02	24°♄29'24	
minimum elong	6636 Sep 24 04:06	5°♄46'12	direct		6639 Mar 09 00:31	19°♄50'01	
	6636 Oct 13 19:55	0°♄	greatest brilliancy		6639 Mar 18 22:37	21°♄42'37	-4.9m
evening rise	6636 Oct 30 19:11	20°♄55'28			6639 Apr 02 19:53	0°♄	
	6636 Nov 07 03:54	0°♄	morning max el		6639 Apr 28 13:06	22°♄46'11	46°56'33
	6636 Dec 01 12:17	0°♄			6639 May 05 14:05	0°♄	
desc. node	6636 Dec 03 15:55	2°♄38'58	desc. node		6639 May 21 11:36	17°♄12'21	
	6636 Dec 25 21:16	0°♄			6639 Jun 01 20:06	0°♄	
	6637 Jan 19 07:07	0°♄			6639 Jun 27 15:30	0°♄	
	6637 Feb 12 19:33	0°♄			6639 Jul 22 21:23	0°♄	
	6637 Mar 09 15:30	0°♄			6639 Aug 16 20:47	0°♄	
asc. node	6637 Mar 26 16:13	20°♄06'41	asc. node		6639 Sep 10 15:32	0°♄	
	6637 Apr 04 05:58	0°♄			6639 Sep 11 11:30	1°♄00'41	
	6637 May 01 18:21	0°♄	morning set		6639 Oct 05 05:41	0°♄	
evening max el	6637 May 04 11:29	2°♄44'49			6639 Oct 27 00:18	26°♄45'21	
	6637 Jun 06 14:27	0°♄			6639 Oct 29 15:29	0°♄	
greatest brilliancy	6637 Jun 12 19:44	2°♄56'10			6639 Nov 22 21:54	0°♄	
retrograde	6637 Jun 23 16:41	5°♄08'20	max. Earth dist.		6639 Nov 30 10:32	9°♄19'43	1.72638 AU
evening set	6637 Jul 08 16:30	0°♄43'20					
	6637 Jul 09 23:21	30°♄	superior conj		6639 Dec 02 20:43	12°♄20'07	1°03'01
inferior conj	6637 Jul 14 22:23	26°♄59'26	minimum elong		6639 Dec 03 06:32	12°♄50'33	1°02'44
minimum elong	6637 Jul 14 23:12	26°♄58'11			6639 Dec 17 02:06	0°♄	
min. Earth dist.	6637 Jul 14 13:12	27°♄13'44	desc. node		6640 Jan 01 03:52	18°♄44'49	
desc. node	6637 Jul 16 09:02	26°♄05'39	evening rise		6640 Jan 10 11:59	0°♄22'34	
morning rise	6637 Jul 21 06:23	23°♄13'23			6640 Jan 10 04:44	0°♄	
direct	6637 Aug 05 01:36	18°♄57'24			6640 Feb 03 06:02	0°♄	
greatest brilliancy	6637 Aug 14 23:12	20°♄43'49			6640 Feb 27 06:43	0°♄	
	6637 Aug 31 20:01	0°♄			6640 Mar 22 08:52	0°♄	
morning max el	6637 Sep 22 19:39	18°♄42'17			6640 Apr 15 16:09	0°♄	
	6637 Oct 04 05:28	0°♄	asc. node		6640 Apr 23 04:06	9°♄09'50	
	6637 Nov 01 00:57	0°♄			6640 May 10 09:52	0°♄	
asc. node	6637 Nov 06 09:30	6°♄03'36			6640 Jun 04 22:31	0°♄	
	6637 Nov 27 01:05	0°♄			6640 Jul 02 01:37	0°♄	
	6637 Dec 22 02:41	0°♄	evening max el		6640 Jul 14 09:50	12°♄32'48	45°51'10
	6638 Jan 15 15:13	0°♄			6640 Aug 03 03:58	0°♄	
	6638 Feb 08 20:05	0°♄	desc. node		6640 Aug 12 20:54	6°♄39'55	
desc. node	6638 Feb 26 01:34	21°♄30'16	greatest brilliancy		6640 Aug 21 17:40	10°♄59'56	-4.7m
	6638 Mar 04 20:24	0°♄	retrograde		6640 Sep 01 11:57	13°♄05'04	
morning set	6638 Mar 23 17:17	23°♄40'32	evening set		6640 Sep 18 15:54	7°♄29'42	
	6638 Mar 28 18:05	0°♄	inferior conj		6640 Sep 23 00:54	4°♄47'39	-7°49'14
	6638 Apr 21 14:58	0°♄	minimum elong		6640 Sep 22 17:18	4°♄59'36	7°48'19
			min. Earth dist.		6640 Sep 22 18:30	4°♄57'42	0.29149 AU
superior conj	6638 May 03 11:43	14°♄53'51	morning rise		6640 Sep 26 18:48	2°♄28'22	
minimum elong	6638 May 03 17:57	15°♄13'23			6640 Oct 01 05:37	30°♄	
max. Earth dist.	6638 May 06 08:14	18°♄28'41	direct		6640 Oct 14 15:28	26°♄30'33	
	6638 May 15 12:57	0°♄	greatest brilliancy		6640 Oct 24 20:45	28°♄24'12	-4.7m
	6638 Jun 08 13:50	0°♄			6640 Oct 28 18:03	0°♄	
evening rise	6638 Jun 12 12:29	4°♄54'12	morning max el		6640 Dec 02 19:29	27°♄03'57	45°57'42
asc. node	6638 Jun 19 01:51	13°♄02'32	asc. node		6640 Dec 03 21:22	28°♄07'23	
	6638 Jul 02 18:43	0°♄			6640 Dec 05 18:51	0°♄	
	6638 Jul 27 04:24	0°♄			6641 Jan 02 18:48	0°♄	
	6638 Aug 20 20:04	0°♄			6641 Jan 28 14:28	0°♄	
	6638 Sep 14 20:17	0°♄			6641 Feb 22 11:37	0°♄	
desc. node	6638 Oct 08 18:11	28°♄06'02			6641 Mar 18 21:22	0°♄	

desc. node	6641 Mar 25 13:33	8°  16'02		6643 Oct 04 04:26	0° 	
	6641 Apr 12 01:06	0° 	greatest brilliancy	6643 Nov 02 15:19	19°  04'39	-4.7m
	6641 May 06 02:12	0° 	retrograde	6643 Nov 11 23:52	20°  40'31	
	6641 May 30 03:14	0° 	evening set	6643 Nov 28 16:08	15°  24'21	
morning set	6641 Jun 07 00:16	9°  48'45	inferior conj	6643 Dec 03 04:13	12°  40'56	-6°26'19
	6641 Jun 23 05:56	0° 	minimum elong	6643 Dec 03 14:22	12°  25'10	6°24'10
			min. Earth dist.	6643 Dec 04 02:53	12°  05'45	0.28228 AU
superior conj	6641 Jul 15 11:31	27°  33'21	morning rise	6643 Dec 08 12:01	9°  27'48	
minimum elong	6641 Jul 15 12:08	27°  35'15	direct	6643 Dec 24 10:00	4°  30'47	
behind sun begin	6641 Jul 14 12:41	26°  22'45	asc. node	6644 Jan 01 09:02	5°  43'01	
behind sun end	6641 Jul 16 11:34	28°  24'44	greatest brilliancy	6644 Jan 04 16:32	6°  51'39	-4.8m
asc. node	6641 Jul 16 13:36	28°  25'40'2		6644 Feb 05 11:59	0° 	
	6641 Jul 17 10:57	0° 	morning max el	6644 Feb 12 18:40	7°  07'49	46°42'59
max. Earth dist.	6641 Jul 18 03:18	0°  50'35		6644 Mar 05 04:32	0° 	
	6641 Aug 10 18:07	0° 		6644 Mar 31 05:32	0° 	
evening rise	6641 Aug 21 16:58	13°  09'11	desc. node	6644 Apr 22 01:39	26°  06'25	
	6641 Sep 04 03:21	0° 		6644 Apr 25 06:54	0° 	
	6641 Sep 28 15:12	0° 		6644 May 19 21:42	0° 	
	6641 Oct 23 06:50	0° 		6644 Jun 13 08:11	0° 	
desc. node	6641 Nov 05 06:09	15°  41'25		6644 Jul 07 17:42	0° 	
	6641 Nov 17 03:29	0° 		6644 Aug 01 03:26	0° 	
	6641 Dec 12 06:33	0° 	asc. node	6644 Aug 13 01:30	14°  03'52	
	6642 Jan 06 19:57	0° 	morning set	6644 Aug 16 08:09	18°  04'38	
	6642 Feb 02 08:40	0° 		6644 Aug 25 13:08	0° 	
evening max el	6642 Feb 18 21:15	17°  07'08		6644 Sep 18 22:08	0° 	
asc. node	6642 Feb 26 06:34	24°  03'39	max. Earth dist.	6644 Sep 21 13:24	3°  14'50	1.73386 AU
	6642 Mar 03 22:52	0° 				
greatest brilliancy	6642 Mar 31 14:46	18°  46'03	superior conj	6644 Sep 22 04:38	4°  01'45	1°17'24
retrograde	6642 Apr 10 12:34	20°  37'55	minimum elong	6644 Sep 21 21:27	3°  39'38	1°17'16
evening set	6642 Apr 28 13:25	14°  24'52		6644 Oct 13 06:24	0° 	
inferior conj	6642 May 01 07:09	12°  43'46	evening rise	6644 Oct 28 12:18	18°  04'46	
minimum elong	6642 May 01 12:21	12°  35'41		6644 Nov 06 14:31	0° 	
min. Earth dist.	6642 May 01 03:17	12°  49'44		6644 Nov 30 23:09	0° 	
morning rise	6642 May 04 11:22	10°  47'01	desc. node	6644 Dec 02 17:57	2°  31'40	
direct	6642 May 21 23:18	4°  55'13		6644 Dec 25 08:29	0° 	
greatest brilliancy	6642 May 31 11:33	6°  36'31		6645 Jan 18 18:47	0° 	
desc. node	6642 Jun 17 23:16	16°  29'03		6645 Feb 12 07:50	0° 	
	6642 Jul 03 23:28	0° 		6645 Mar 09 04:49	0° 	
morning max el	6642 Jul 10 15:54	6°  22'57	asc. node	6645 Mar 25 18:18	19°  30'34	
	6642 Aug 02 10:28	0° 		6645 Apr 03 21:22	0° 	
	6642 Aug 29 07:42	0° 		6645 May 01 15:23	0° 	
	6642 Sep 24 04:10	0° 	evening max el	6645 May 02 03:00	0°  29'13	46°43'13
asc. node	6642 Oct 08 23:30	17°  09'31'59		6645 Jun 08 18:51	0° 	
	6642 Oct 19 09:31	0° 	greatest brilliancy	6645 Jun 10 11:16	0°  41'26	-4.8m
	6642 Nov 13 03:46	0° 	retrograde	6645 Jun 21 08:48	2°  53'58	
	6642 Dec 07 13:56	0° 		6645 Jul 03 08:31	30° 	
	6642 Dec 31 18:37	0° 	evening set	6645 Jul 06 08:49	28°  27'39	
morning set	6643 Jan 04 22:41	5°  31'27	min. Earth dist.	6645 Jul 12 04:31	24°  25'21	0.28108 AU
	6643 Jan 24 19:41	0° 	inferior conj	6645 Jul 12 13:32	24°  45'21	0°42'52
desc. node	6643 Jan 28 15:37	4°  47'29	minimum elong	6645 Jul 12 15:09	24°  42'50	0°42'19
max. Earth dist.	6643 Feb 11 08:01	21°  45'6'11	desc. node	6645 Jul 15 11:00	22°  25'29	
			morning rise	6645 Jul 18 22:04	20°  25'03	
superior conj	6643 Feb 13 19:12	25°  40'14'9	direct	6645 Aug 02 16:49	16°  23'54	
minimum elong	6643 Feb 13 10:14	24°  33'40	greatest brilliancy	6645 Aug 12 13:35	18°  23'14	-4.7m
	6643 Feb 17 18:15	0° 		6645 Sep 01 10:36	0° 	
	6643 Mar 13 15:18	0° 	morning max el	6645 Sep 20 11:47	16°  33'07	45°43'00
evening rise	6643 Mar 26 08:37	15°  09'59'21		6645 Oct 03 23:52	0° 	
	6643 Apr 06 12:22	0° 		6645 Oct 31 15:07	0° 	
	6643 Apr 30 11:38	0° 	asc. node	6645 Nov 05 11:36	5°  30'28	
asc. node	6643 May 21 15:59	26°  18'44		6645 Nov 26 13:32	0° 	
	6643 May 24 15:38	0° 		6645 Dec 21 14:18	0° 	
	6643 Jun 18 02:59	0° 		6646 Jan 15 02:25	0° 	
	6643 Jul 13 01:08	0° 		6646 Feb 08 07:05	0° 	
	6643 Aug 07 16:35	0°	desc. node	6646 Feb 25 03:33	21° 40'25	
	6643 Sep 03 16:37	0°		6646 Mar 04 07:15	0°	
desc. node	6643 Sep 10 08:29	7° 01'02	morning set	6646 Mar 21 03:44	21° 08'47	
evening max el	6643 Sep 24 06:35	20° 05'55'42		6646 Mar 28 04:50	0°	




































































































































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				min. Earth dist.	6648 Sep 20 10:25	2°♌50'34	0.29138 AU
superior conj	6646 Apr 30 23:30	12°♄26'48 -1°25'05		morning rise	6648 Sep 24 13:28	0°♌16'53	
minimum elong	6646 May 01 04:51	12°♄43'35 1°25'05			6648 Sep 25 00:47	30°♌	
max. Earth dist.	6646 May 03 20:13	16°♄02'25 1.71451 AU		direct	6648 Oct 12 07:31	24°♌22'43	
	6646 May 14 23:34	0°♄		greatest brilliancy	6648 Oct 22 12:40	26°♌15'41	-4.7m
	6646 Jun 08 00:27	0°♄			6648 Oct 30 14:14	0°♌	
evening rise	6646 Jun 10 02:02	2°♄34'11		morning max el	6648 Nov 30 09:37	24°♌48'25	45°56'24
asc. node	6646 Jun 18 03:46	12°♄35'29		asc. node	6648 Dec 02 23:16	27°♌20'05	
	6646 Jul 02 05:26	0°♌			6648 Dec 05 15:06	0°♌	
	6646 Jul 26 15:17	0°♌			6649 Jan 02 09:49	0°♌	
	6646 Aug 20 07:18	0°♌			6649 Jan 28 03:34	0°♌	
	6646 Sep 14 08:11	0°♌			6649 Feb 21 23:47	0°♌	
desc. node	6646 Oct 07 20:19	27°♌34'28			6649 Mar 18 09:01	0°♌	
	6646 Oct 09 22:41	0°♌		desc. node	6649 Mar 24 15:37	7°♌46'32	
	6646 Nov 05 11:43	0°♌			6649 Apr 11 12:26	0°♌	
	6646 Dec 04 00:39	0°♌			6649 May 05 13:18	0°♌	
evening max el	6646 Dec 05 15:28	1°♌35'04 46°19'58			6649 May 29 14:09	0°♌	
	6647 Jan 11 15:37	0°♌		morning set	6649 Jun 04 14:08	7°♌28'40	
greatest brilliancy	6647 Jan 14 10:48	1°♌05'55 -4.9m			6649 Jun 22 16:41	0°♌	
retrograde	6647 Jan 24 07:41	2°♌54'25					
asc. node	6647 Jan 28 20:54	2°♌29'13		superior conj	6649 Jul 13 03:16	25°♌20'40	-0°06'06
	6647 Feb 05 08:24	30°♌		minimum elong	6649 Jul 13 04:39	25°♌24'59	0°06'05
evening set	6647 Feb 07 20:12	28°♌44'37		behind sun begin	6649 Jul 12 06:28	24°♌16'18	
inferior conj	6647 Feb 13 21:58	25°♌10'31 4°01'23		behind sun end	6649 Jul 14 02:51	26°♌33'38	
minimum elong	6647 Feb 13 13:27	25°♌23'34 3°58'55		asc. node	6649 Jul 15 15:35	28°♌27'16	
min. Earth dist.	6647 Feb 13 19:39	25°♌14'05 0.26848 AU		max. Earth dist.	6649 Jul 15 20:42	28°♌43'03	1.72793 AU
morning rise	6647 Feb 19 06:38	21°♌59'57			6649 Jul 16 21:35	0°♌	
direct	6647 Mar 06 13:45	17°♌24'44			6649 Aug 10 04:44	0°♌	
greatest brilliancy	6647 Mar 16 12:40	19°♌17'49 -4.9m		evening rise	6649 Aug 19 10:48	11°♌23'38	
	6647 Apr 03 14:49	0°♌			6649 Sep 03 14:03	0°♌	
morning max el	6647 Apr 26 01:56	20°♌20'59 46°57'15			6649 Sep 28 02:09	0°♌	
	6647 May 05 09:57	0°♌			6649 Oct 22 18:12	0°♌	
desc. node	6647 May 20 13:34	16°♌31'21		desc. node	6649 Nov 04 08:06	15°♌12'12	
	6647 Jun 01 11:14	0°♌			6649 Nov 16 15:28	0°♌	
	6647 Jun 27 04:38	0°♌			6649 Dec 11 19:32	0°♌	
	6647 Jul 22 09:24	0°♌			6650 Jan 06 10:39	0°♌	
	6647 Aug 16 08:08	0°♌			6650 Feb 02 02:59	0°♌	
	6647 Sep 10 02:28	0°♌		evening max el	6650 Feb 16 09:31	14°♌59'27	47°02'44
asc. node	6647 Sep 10 13:32	0°♌33'40		asc. node	6650 Feb 25 08:39	23°♌45'37	
	6647 Oct 04 16:21	0°♌			6650 Mar 04 05:51	0°♌	
morning set	6647 Oct 24 17:40	24°♌38'28		greatest brilliancy	6650 Mar 29 04:49	16°♌21'31	-4.9m
	6647 Oct 29 02:01	0°♌		retrograde	6650 Apr 08 01:39	18°♌13'04	
	6647 Nov 22 08:26	0°♌		evening set	6650 Apr 26 04:26	11°♌57'27	
max. Earth dist.	6647 Nov 28 01:30	7°♌04'39 1.72678 AU		inferior conj	6650 Apr 28 20:22	10°♌19'17	8°57'06
				minimum elong	6650 Apr 29 00:41	10°♌12'35	8°56'48
superior conj	6647 Nov 30 12:45	10°♌08'19 1°05'16		min. Earth dist.	6650 Apr 28 16:21	10°♌25'29	0.27263 AU
minimum elong	6647 Nov 30 22:26	10°♌38'19 1°05'01		morning rise	6650 May 01 21:01	8°♌28'01	
	6647 Dec 16 12:43	0°♌		direct	6650 May 19 11:42	2°♌30'42	
desc. node	6647 Dec 31 05:44	18°♌17'22		greatest brilliancy	6650 May 29 00:41	4°♌12'40	-4.8m
evening rise	6648 Jan 08 01:38	28°♌02'05		desc. node	6650 Jun 17 01:12	15°♌15'02	
	6648 Jan 09 15:30	0°♌			6650 Jul 04 01:11	0°♌	
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	6648 Feb 26 17:55	0°♌			6650 Aug 02 03:20	0°♌	
	6648 Mar 21 20:22	0°♌			6650 Aug 28 21:32	0°♌	
	6648 Apr 15 04:07	0°♌			6650 Sep 23 16:32	0°♌	
asc. node	6648 Apr 22 06:10	8°♌39'13		asc. node	6650 Oct 08 01:35	17°♌02'47	
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	6648 Jun 04 12:48	0°♌			6650 Nov 12 14:57	0°♌	
	6648 Jul 01 19:48	0°♌			6650 Dec 07 00:55	0°♌	
evening max el	6648 Jul 12 00:52	10°♌19'36 45°52'27			6650 Dec 31 05:32	0°♌	
	6648 Aug 03 17:30	0°♌		morning set	6651 Jan 02 12:58	2°♌52'31	
desc. node	6648 Aug 11 22:52	5°♌19'56			6651 Jan 24 06:36	0°♌	
greatest brilliancy	6648 Aug 19 09:48	8°♌51'32 -4.7m		desc. node	6651 Jan 27 17:40	4°♌19'44	
retrograde	6648 Aug 30 03:52	10°♌56'56		max. Earth dist.	6651 Feb 08 20:05	19°♌29'13	1.71461 AU
evening set	6648 Sep 16 05:19	5°♌26'12					
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


































































































































minimum elong	6651 Feb 10 22:23	22°06'53	0°33'57	greatest brilliancy	6653 Aug 10 03:24	16°14'04	-4.7m
	6651 Feb 17 05:13	0°			6653 Sep 01 22:10	0°	
	6651 Mar 13 02:19	0°		morning max el	6653 Sep 18 03:16	14°20'52	45°43'25
evening rise	6651 Mar 23 19:16	13°27'24			6653 Oct 03 18:20	0°	
	6651 Apr 05 23:28	0°			6653 Oct 31 05:34	0°	
	6651 Apr 29 22:52	0°		asc. node	6653 Nov 04 13:27	4°55'35	
asc. node	6651 May 20 17:54	25°49'22			6653 Nov 26 02:19	0°	
	6651 May 24 03:05	0°			6653 Dec 21 02:15	0°	
	6651 Jun 17 14:49	0°			6654 Jan 14 13:58	0°	
	6651 Jul 12 13:41	0°			6654 Feb 07 18:25	0°	
	6651 Aug 07 06:32	0°		desc. node	6654 Feb 24 05:38	20°33'44	
	6651 Sep 03 09:47	0°			6654 Mar 03 18:30	0°	
desc. node	6651 Sep 09 10:38	6°18'44		morning set	6654 Mar 18 13:54	18°34'54	
evening max el	6651 Sep 21 21:36	18°42'59	45°38'41		6654 Mar 27 16:01	0°	
	6651 Oct 04 09:28	0°			6654 Apr 20 12:44	0°	
greatest brilliancy	6651 Oct 31 04:35	16°49'35	-4.7m				
retrograde	6651 Nov 09 15:03	18°26'40		superior conj	6654 Apr 28 10:45	9°56'36	-1°25'55
evening set	6651 Nov 26 09:57	13°05'32		minimum elong	6654 Apr 28 15:09	10°10'22	1°25'55
inferior conj	6651 Nov 30 19:16	10°25'54	-6°39'54	max. Earth dist.	6654 May 01 06:35	13°29'26	1.71415 AU
minimum elong	6651 Dec 01 05:20	10°10'17	6°37'54		6654 May 14 10:39	0°	
min. Earth dist.	6651 Dec 01 17:21	9°51'40	0.28293 AU		6654 Jun 07 11:33	0°	
morning rise	6651 Dec 06 00:13	7°17'00		evening rise	6654 Jun 07 14:54	0°10'27	
direct	6651 Dec 22 02:06	2°14'57		asc. node	6654 Jun 17 05:44	12°07'12	
asc. node	6651 Dec 31 11:03	3°54'17			6654 Jul 01 16:36	0°	
greatest brilliancy	6652 Jan 02 07:50	4°35'28	-4.8m		6654 Jul 26 02:38	0°	
	6652 Feb 05 12:43	0°			6654 Aug 19 19:02	0°	
morning max el	6652 Feb 10 10:48	4°51'53	46°41'31		6654 Sep 13 20:37	0°	
	6652 Mar 04 21:21	0°		desc. node	6654 Oct 06 22:15	27°00'46	
	6652 Mar 30 19:44	0°			6654 Oct 09 12:24	0°	
desc. node	6652 Apr 21 03:39	25°32'59			6654 Nov 05 04:03	0°	
	6652 Apr 24 19:49	0°		evening max el	6654 Dec 03 05:16	29°14'35	46°18'06
	6652 May 19 09:51	0°			6654 Dec 03 23:58	0°	
	6652 Jun 12 19:50	0°		greatest brilliancy	6655 Jan 12 00:33	28°41'49	-4.8m
	6652 Jul 07 05:00	0°			6655 Jan 16 20:00	0°	
	6652 Jul 31 14:29	0°		retrograde	6655 Jan 21 19:55	0°28'49	
asc. node	6652 Aug 12 03:35	14°11'34			6655 Jan 26 17:00	30°	
morning set	6652 Aug 14 01:02	16°31'17		asc. node	6655 Jan 27 22:56	29°43'19	
	6652 Aug 25 00:01	0°		evening set	6655 Feb 05 07:36	26°21'25	
	6652 Sep 18 08:57	0°		inferior conj	6655 Feb 11 10:54	22°45'14	3°39'28
				minimum elong	6655 Feb 11 03:01	22°57'19	3°37'08
superior conj	6652 Sep 19 22:33	1°55'48	1°15'59	min. Earth dist.	6655 Feb 11 09:52	22°46'48	0.26860 AU
minimum elong	6652 Sep 19 14:58	1°32'25	1°15'49	morning rise	6655 Feb 16 22:16	19°30'29	
max. Earth dist.	6652 Sep 19 11:14	1°20'57	1.73387 AU	direct	6655 Mar 04 02:36	14°59'04	
	6652 Oct 12 17:14	0°		greatest brilliancy	6655 Mar 14 03:27	16°53'18	-4.9m
evening rise	6652 Oct 26 05:39	16°39'45			6655 Apr 04 05:19	0°	
	6652 Nov 06 01:28	0°		morning max el	6655 Apr 23 14:12	17°53'07	46°57'38
	6652 Nov 30 10:20	0°			6655 May 05 05:41	0°	
desc. node	6652 Dec 01 19:53	1°43'10		desc. node	6655 May 19 15:29	15°49'20	
	6652 Dec 24 20:03	0°			6655 Jun 01 02:39	0°	
	6653 Jan 18 06:51	0°			6655 Jun 26 18:09	0°	
	6653 Feb 11 20:37	0°			6655 Jul 21 21:51	0°	
	6653 Mar 08 18:45	0°			6655 Aug 15 19:54	0°	
asc. node	6653 Mar 24 20:19	18°52'22		asc. node	6655 Sep 09 15:33	0°05'25	
	6653 Apr 03 13:34	0°			6655 Sep 09 13:46	0°	
evening max el	6653 Apr 29 18:43	28°12'23	46°44'53		6655 Oct 04 03:23	0°	
	6653 May 01 13:52	0°		morning set	6655 Oct 22 10:46	22°29'41	
greatest brilliancy	6653 Jun 08 03:06	28°25'18	-4.8m		6655 Oct 28 12:56	0°	
	6653 Jun 13 08:32	0°			6655 Nov 21 19:20	0°	
retrograde	6653 Jun 19 00:39	0°37'22		max. Earth dist.	6655 Nov 25 16:50	4°49'37	1.72717 AU
	6653 Jun 24 13:04	30°					
evening set	6653 Jul 04 01:09	26°09'51		superior conj	6655 Nov 28 04:52	7°55'39	1°07'26
inferior conj	6653 Jul 10 04:27	22°29'09	1°04'29	minimum elong	6655 Nov 28 14:23	8°25'08	1°07'12
minimum elong	6653 Jul 10 06:52	22°25'23	1°03'42		6655 Dec 15 23:42	0°	
min. Earth dist.	6653 Jul 09 19:37	22°42'53	0.28068 AU	desc. node	6655 Dec 30 07:49	17°49'33	
desc. node	6653 Jul 14 13:03	19°50'19		evening rise	6656 Jan 05 15:34	25°41'36	
morning rise	6653 Jul 16 13:18	18°42'43			6656 Jan 09 02:35	0°	
direct	6653 Jul 31 07:58	14°28'28			6656 Feb 02 04:13	0°	

	6656 Feb 26 05:21	0°♄		6658 Aug 01 19:48	0°♄
	6656 Mar 21 08:09	0°♄		6658 Aug 28 11:15	0°♄
	6656 Apr 14 16:24	0°♄		6658 Sep 23 04:52	0°♄
asc. node	6656 Apr 21 08:02	8°♄06'57	asc. node	6658 Oct 07 03:28	16°♄32'56
	6656 May 09 11:45	0°♄		6658 Oct 18 08:41	0°♄
	6656 Jun 04 03:40	0°♄		6658 Nov 12 02:07	0°♄
	6656 Jul 01 14:59	0°♄		6658 Dec 06 11:52	0°♄
evening max el	6656 Jul 09 15:15	8°♄03'20 45°53'51		6658 Dec 30 16:24	0°♄
	6656 Aug 04 12:43	0°♄	morning set	6658 Dec 31 03:13	0°♄33'39
desc. node	6656 Aug 11 00:57	3°♄55'56		6659 Jan 23 17:29	0°♄
greatest brilliancy	6656 Aug 17 01:30	6°♄40'54 -4.7m	desc. node	6659 Jan 26 19:41	3°♄52'01
retrograde	6656 Aug 27 19:48	8°♄47'09	max. Earth dist.	6659 Feb 06 08:11	17°♄02'28 1.71495 AU
evening set	6656 Sep 13 18:26	3°♄20'48			
inferior conj	6656 Sep 18 09:44	0°♄29'42 -7°31'37	superior conj	6659 Feb 08 18:02	20°♄03'47 -0°30'44
minimum elong	6656 Sep 18 01:13	0°♄43'05 7°30'23	minimum elong	6659 Feb 08 10:33	19°♄40'20 0°30'21
min. Earth dist.	6656 Sep 18 02:09	0°♄41'38 0.29125 AU		6659 Feb 16 16:08	0°♄
	6656 Sep 19 04:36	30°♄		6659 Mar 12 13:18	0°♄
morning rise	6656 Sep 22 08:04	28°♄03'36	evening rise	6659 Mar 21 06:04	10°♄56'04
direct	6656 Oct 09 23:02	22°♄13'03		6659 Apr 05 10:29	0°♄
greatest brilliancy	6656 Oct 20 04:37	24°♄05'56 -4.7m		6659 Apr 29 09:58	0°♄
	6656 Oct 31 20:56	0°♄	asc. node	6659 May 19 19:55	25°♄20'53
morning max el	6656 Nov 28 00:11	22°♄33'08 45°55'14		6659 May 23 14:22	0°♄
asc. node	6656 Dec 02 01:19	26°♄32'58		6659 Jun 17 02:29	0°♄
	6656 Dec 05 11:05	0°♄		6659 Jul 12 02:05	0°♄
	6657 Jan 02 00:54	0°♄		6659 Aug 06 20:25	0°♄
	6657 Jan 27 16:48	0°♄		6659 Sep 03 03:12	0°♄
	6657 Feb 21 12:05	0°♄	desc. node	6659 Sep 08 12:32	5°♄35'36
	6657 Mar 17 20:46	0°♄	evening max el	6659 Sep 19 13:27	16°♄32'35 45°38'10
desc. node	6657 Mar 23 17:35	7°♄16'26		6659 Oct 04 16:34	0°♄
	6657 Apr 10 23:50	0°♄			
	6657 May 05 00:29	0°♄	greatest brilliancy	6659 Oct 28 18:06	14°♄35'11 -4.7m
	6657 May 29 01:11	0°♄	retrograde	6659 Nov 07 06:04	16°♄12'59
morning set	6657 Jun 02 03:53	5°♄07'42	evening set	6659 Nov 24 03:47	10°♄47'18
	6657 Jun 22 03:36	0°♄	inferior conj	6659 Nov 28 10:20	8°♄11'18 -6°52'52
			minimum elong	6659 Nov 28 20:14	7°♄55'55 6°50'59
superior conj	6657 Jul 10 18:41	23°♄06'18 -0°09'34	min. Earth dist.	6659 Nov 29 07:40	7°♄38'09 0.28356 AU
minimum elong	6657 Jul 10 20:52	23°♄13'06 0°09'30	morning rise	6659 Dec 03 12:17	5°♄06'37
behind sun begin	6657 Jul 10 01:28	22°♄13'01		6659 Dec 19 08:56	30°♄
behind sun end	6657 Jul 11 16:16	24°♄13'09	direct	6659 Dec 19 18:17	29°♄59'49
max. Earth dist.	6657 Jul 13 11:50	26°♄27'57 1.72752 AU		6659 Dec 20 03:40	0°♄
asc. node	6657 Jul 14 17:40	28°♄00'13	asc. node	6659 Dec 30 13:07	2°♄09'53
	6657 Jul 16 08:24	0°♄	greatest brilliancy	6659 Dec 30 22:32	2°♄19'04 -4.8m
	6657 Aug 09 15:33	0°♄		6660 Feb 05 12:08	0°♄
	6657 Aug 17 04:13	9°♄16'13	morning max el	6660 Feb 08 02:31	2°♄35'32 46°39'57
evening rise	6657 Sep 03 00:58	0°♄		6660 Mar 04 13:40	0°♄
	6657 Sep 27 13:18	0°♄		6660 Mar 30 09:35	0°♄
	6657 Oct 22 05:45	0°♄	desc. node	6660 Apr 20 05:31	24°♄59'56
desc. node	6657 Nov 03 10:02	14°♄42'20		6660 Apr 24 08:26	0°♄
	6657 Nov 16 03:41	0°♄		6660 May 18 21:43	0°♄
	6657 Dec 11 08:47	0°♄		6660 Jun 12 07:10	0°♄
	6658 Jan 06 01:42	0°♄		6660 Jul 06 15:57	0°♄
	6658 Feb 01 21:53	0°♄		6660 Jul 31 01:11	0°♄
evening max el	6658 Feb 13 22:44	12°♄34'12 47°02'18	asc. node	6660 Aug 11 05:31	13°♄44'57
asc. node	6658 Feb 24 10:41	22°♄46'02	morning set	6660 Aug 11 18:13	14°♄24'00
	6658 Mar 04 15:24	0°♄		6660 Aug 24 10:34	0°♄
greatest brilliancy	6658 Mar 26 18:18	13°♄56'42 -4.9m	superior conj	6660 Sep 17 16:36	29°♄51'13 1°14'27
retrograde	6658 Apr 05 15:26	15°♄48'49	minimum elong	6660 Sep 17 08:38	29°♄26'41 1°14'15
evening set	6658 Apr 23 19:11	9°♄31'03	max. Earth dist.	6660 Sep 17 08:55	29°♄27'33 1.73390 AU
inferior conj	6658 Apr 26 09:41	7°♄55'15 9°01'32		6660 Sep 17 19:27	0°♄
minimum elong	6658 Apr 26 13:07	7°♄49'56 9°01'19		6660 Oct 12 03:46	0°♄
min. Earth dist.	6658 Apr 26 05:06	8°♄02'19 0.27241 AU	evening rise	6660 Oct 23 22:58	14°♄32'29
morning rise	6658 Apr 29 07:09	6°♄09'02		6660 Nov 05 12:10	0°♄
direct	6658 May 17 00:37	0°♄06'50		6660 Nov 29 21:17	0°♄
greatest brilliancy	6658 May 26 13:17	1°♄48'54 -4.9m	desc. node	6660 Nov 30 21:56	1°♄15'44
desc. node	6658 Jun 16 03:18	14°♄04'02		6660 Dec 24 07:22	0°♄
	6658 Jul 04 01:28	0°♄		6661 Jan 17 18:41	0°♄
morning max el	6658 Jul 05 20:03	1°♄43'47 46°20'13		6661 Feb 11 09:10	0°♄

	6661 Mar 08 08:30	0°♄		morning set	6663 Oct 20 04:16	20°♄23'30	
asc. node	6661 Mar 23 22:13	18°♄14'25			6663 Oct 27 23:23	0°♄	
	6661 Apr 03 05:43	0°♄			6663 Nov 21 05:48	0°♄	
evening max el	6661 Apr 27 10:20	25°♄56'09	46°46'29	max. Earth dist.	6663 Nov 23 11:06	2°♄45'04	1.72760 AU
	6661 May 01 12:55	0°♄					
greatest brilliancy	6661 Jun 05 19:45	26°♄11'17	-4.8m	superior conj	6663 Nov 25 21:20	5°♄45'31	1°09'28
retrograde	6661 Jun 16 16:16	28°♄21'58		minimum elong	6663 Nov 26 06:37	6°♄14'16	1°09'14
evening set	6661 Jul 01 17:47	23°♄53'21			6663 Dec 15 10:16	0°♄	
inferior conj	6661 Jul 07 19:30	20°♄14'33	1°26'03	desc. node	6663 Dec 29 09:52	17°♄22'48	
minimum elong	6661 Jul 07 22:43	20°♄09'32	1°25'00	evening rise	6664 Jan 03 05:43	23°♄23'01	
min. Earth dist.	6661 Jul 07 11:07	20°♄27'36	0.28024 AU		6664 Jan 08 13:19	0°♄	
desc. node	6661 Jul 13 15:03	16°♄46'08			6664 Feb 01 15:09	0°♄	
morning rise	6661 Jul 14 04:23	16°♄27'59			6664 Feb 25 16:32	0°♄	
direct	6661 Jul 28 22:54	12°♄14'47			6664 Mar 20 19:40	0°♄	
greatest brilliancy	6661 Aug 07 17:24	13°♄59'33	-4.8m		6664 Apr 14 04:26	0°♄	
	6661 Sep 02 05:57	0°♄		asc. node	6664 Apr 20 10:06	7°♄36'09	
morning max el	6661 Sep 15 17:55	12°♄08'06	45°43'51		6664 May 09 00:39	0°♄	
	6661 Oct 03 11:46	0°♄			6664 Jun 03 18:20	0°♄	
	6661 Oct 30 19:23	0°♄			6664 Jul 01 10:19	0°♄	
asc. node	6661 Nov 03 15:30	4°♄22'48		evening max el	6664 Jul 07 06:02	5°♄49'09	45°55'25
	6661 Nov 25 14:37	0°♄			6664 Aug 05 14:08	0°♄	
	6661 Dec 20 13:50	0°♄		desc. node	6664 Aug 10 02:54	2°♄30'19	
	6662 Jan 14 01:09	0°♄		greatest brilliancy	6664 Aug 14 16:53	4°♄31'10	-4.7m
	6662 Feb 07 05:25	0°♄		retrograde	6664 Aug 25 12:22	6°♄38'58	
desc. node	6662 Feb 23 07:33	20°♄05'36		evening set	6664 Sep 11 07:41	1°♄16'47	
	6662 Mar 03 05:22	0°♄			6664 Sep 13 10:53	30°♄	
morning set	6662 Mar 15 23:56	16°♄01'45		min. Earth dist.	6664 Sep 15 17:50	28°♄34'26	0.29107 AU
	6662 Mar 27 02:49	0°♄		inferior conj	6664 Sep 16 02:09	28°♄21'22	-7°21'44
	6662 Apr 19 23:29	0°♄		minimum elong	6664 Sep 15 17:17	28°♄35'18	7°20'24
				morning rise	6664 Sep 20 02:55	25°♄51'52	
superior conj	6662 Apr 25 21:59	7°♄27'26	-1°26'34	direct	6664 Oct 07 14:47	20°♄04'55	
minimum elong	6662 Apr 26 01:20	7°♄37'59	1°26'35	greatest brilliancy	6664 Oct 17 20:33	21°♄57'53	-4.7m
max. Earth dist.	6662 Apr 28 14:26	10°♄49'46	1.71380 AU		6664 Nov 01 18:10	0°♄	
	6662 May 13 21:23	0°♄		morning max el	6664 Nov 25 15:46	20°♄21'56	45°54'10
evening rise	6662 Jun 05 03:39	27°♄47'24		asc. node	6664 Dec 01 03:22	25°♄48'04	
	6662 Jun 06 22:17	0°♄			6664 Dec 05 05:55	0°♄	
asc. node	6662 Jun 16 07:50	11°♄40'25			6665 Jan 01 15:20	0°♄	
	6662 Jul 01 03:23	0°♄			6665 Jan 27 05:33	0°♄	
	6662 Jul 25 13:34	0°♄			6665 Feb 21 00:02	0°♄	
	6662 Aug 19 06:19	0°♄			6665 Mar 17 08:16	0°♄	
	6662 Sep 13 08:37	0°♄		desc. node	6665 Mar 22 19:33	6°♄47'05	
desc. node	6662 Oct 06 00:13	26°♄28'27			6665 Apr 10 11:03	0°♄	
	6662 Oct 09 01:45	0°♄			6665 May 04 11:29	0°♄	
	6662 Nov 04 20:12	0°♄			6665 May 28 11:59	0°♄	
evening max el	6662 Nov 30 18:16	26°♄53'24	46°16'02	morning set	6665 May 30 17:11	2°♄45'53	
	6662 Dec 03 23:56	0°♄			6665 Jun 21 14:15	0°♄	
greatest brilliancy	6663 Jan 09 14:28	26°♄18'37	-4.8m				
retrograde	6663 Jan 19 07:53	28°♄04'10		superior conj	6665 Jul 08 09:47	20°♄51'40	-0°13'03
asc. node	6663 Jan 27 00:55	26°♄52'18		minimum elong	6665 Jul 08 12:47	21°♄00'55	0°12'56
evening set	6663 Feb 02 19:06	23°♄58'25		behind sun begin	6665 Jul 07 22:31	20°♄16'45	
inferior conj	6663 Feb 08 23:45	20°♄20'46	3°16'58	behind sun end	6665 Jul 09 03:02	21°♄45'05	
minimum elong	6663 Feb 08 16:34	20°♄31'47	3°14'48	max. Earth dist.	6665 Jul 11 03:29	24°♄15'02	1.72710 AU
min. Earth dist.	6663 Feb 09 00:20	20°♄19'53	0.26877 AU	asc. node	6665 Jul 13 19:35	27°♄33'23	
morning rise	6663 Feb 14 13:43	17°♄02'08			6665 Jul 15 18:59	0°♄	
direct	6663 Mar 01 15:08	12°♄33'54			6665 Aug 09 02:07	0°♄	
greatest brilliancy	6663 Mar 11 18:43	14°♄30'11	-4.9m	evening rise	6665 Aug 14 21:38	7°♄09'31	
	6663 Apr 04 15:44	0°♄			6665 Sep 02 11:39	0°♄	
morning max el	6663 Apr 21 02:33	15°♄26'23	46°58'09		6665 Sep 27 00:12	0°♄	
	6663 May 05 00:27	0°♄			6665 Oct 21 17:03	0°♄	
desc. node	6663 May 18 17:37	15°♄09'31		desc. node	6665 Nov 02 12:10	14°♄13'54	
	6663 May 31 17:27	0°♄			6665 Nov 15 15:37	0°♄	
	6663 Jun 26 07:09	0°♄			6665 Dec 10 21:48	0°♄	
	6663 Jul 21 09:50	0°♄			6666 Jan 05 16:38	0°♄	
	6663 Aug 15 07:12	0°♄			6666 Feb 01 17:04	0°♄	
asc. node	6663 Sep 08 17:28	29°♄38'13		evening max el	6666 Feb 11 12:44	10°♄11'35	47°01'28
	6663 Sep 09 00:37	0°♄		asc. node	6666 Feb 23 12:34	21°♄45'02	
	6663 Oct 03 13:57	0°♄			6666 Mar 05 04:13	0°♄	

greatest brilliancy	6666 Mar 24 07:02	11°♄30'35	-4.9m		6668 Aug 23 21:18	0°♎	
retrograde	6666 Apr 03 05:18	13°♄23'32					
evening set	6666 Apr 21 09:02	7°♄04'25		superior conj	6668 Sep 15 10:13	27°♎44'50	1°12'47
inferior conj	6666 Apr 23 22:38	5°♄30'05	9°04'50	minimum elong	6668 Sep 15 01:55	27°♎19'18	1°12'35
minimum elong	6666 Apr 24 01:09	5°♄26'11	9°04'43	max. Earth dist.	6668 Sep 15 05:06	27°♎29'05	1.73387 AU
min. Earth dist.	6666 Apr 23 17:17	5°♄38'20	0.27222 AU		6668 Sep 17 06:07	0°♊	
morning rise	6666 Apr 26 17:22	3°♄48'10			6668 Oct 11 14:28	0°♋	
	6666 May 03 22:59	30°♋		evening rise	6668 Oct 21 16:04	12°♋24'07	
direct	6666 May 14 13:40	27°♋41'56			6668 Nov 04 23:01	0°♌	
greatest brilliancy	6666 May 24 01:12	29°♋23'32	-4.9m		6668 Nov 29 08:26	0°♍	
	6666 May 25 16:53	0°♄		desc. node	6668 Nov 29 23:55	0°♍47'36	
desc. node	6666 Jun 15 05:16	12°♄54'26			6668 Dec 23 18:53	0°♎	
morning max el	6666 Jul 03 10:51	29°♄25'57	46°21'56		6669 Jan 17 06:41	0°♏	
	6666 Jul 04 00:42	0°♐			6669 Feb 10 21:52	0°♑	
	6666 Aug 01 11:55	0°♑			6669 Mar 07 22:24	0°♒	
	6666 Aug 28 00:43	0°♓		asc. node	6669 Mar 23 00:18	17°♒36'38	
	6666 Sep 22 17:01	0°♎			6669 Apr 02 22:11	0°♐	
asc. node	6666 Oct 06 05:29	16°♎04'01		evening max el	6669 Apr 25 01:00	23°♐37'08	46°47'48
	6666 Oct 17 20:07	0°♊			6669 May 01 13:08	0°♑	
	6666 Nov 11 13:07	0°♋		greatest brilliancy	6669 Jun 03 12:36	23°♑56'36	-4.8m
	6666 Dec 05 22:39	0°♌		retrograde	6669 Jun 14 07:09	26°♑05'28	
morning set	6666 Dec 28 18:07	28°♌17'28		evening set	6669 Jun 29 10:24	21°♑35'21	
	6666 Dec 30 03:05	0°♒		inferior conj	6669 Jul 05 10:26	17°♑58'49	1°47'35
	6667 Jan 23 04:10	0°♓		minimum elong	6669 Jul 05 14:26	17°♑52'35	1°46'18
desc. node	6667 Jan 25 21:36	3°♓24'37		min. Earth dist.	6669 Jul 05 02:53	18°♑10'36	0.27988 AU
max. Earth dist.	6667 Feb 03 19:58	14°♓35'26	1.71529 AU	morning rise	6669 Jul 11 19:09	14°♑12'10	
				desc. node	6669 Jul 12 17:00	13°♑43'24	
superior conj	6667 Feb 06 06:02	17°♓37'23	-0°27'06	direct	6669 Jul 26 13:19	9°♑59'40	
minimum elong	6667 Feb 05 23:23	17°♓16'31	0°26'45	greatest brilliancy	6669 Aug 05 07:58	11°♑44'14	-4.8m
	6667 Feb 16 02:53	0°♏			6669 Sep 02 11:58	0°♓	
	6667 Mar 12 00:08	0°♑		morning max el	6669 Sep 13 07:58	9°♓52'32	45°44'22
evening rise	6667 Mar 18 17:09	8°♑25'56			6669 Oct 03 05:13	0°♎	
	6667 Apr 04 21:26	0°♒			6669 Oct 30 09:24	0°♊	
	6667 Apr 28 21:04	0°♐		asc. node	6669 Nov 02 17:35	3°♊49'21	
asc. node	6667 May 18 21:57	24°♐52'16			6669 Nov 25 03:08	0°♋	
	6667 May 23 01:42	0°♑			6669 Dec 20 01:37	0°♌	
	6667 Jun 16 14:15	0°♓			6670 Jan 13 12:34	0°♒	
	6667 Jul 11 14:37	0°♎			6670 Feb 06 16:38	0°♓	
	6667 Aug 06 10:32	0°♊		desc. node	6670 Feb 22 09:33	19°♓37'06	
	6667 Sep 02 21:04	0°♋			6670 Mar 02 16:28	0°♏	
desc. node	6667 Sep 07 14:31	4°♋51'56		morning set	6670 Mar 13 10:17	13°♏28'53	
evening max el	6667 Sep 17 05:10	14°♋21'42	45°37'46		6670 Mar 26 13:48	0°♑	
	6667 Oct 05 02:23	0°♌			6670 Apr 19 10:24	0°♒	
greatest brilliancy	6667 Oct 26 08:15	12°♌21'41	-4.7m				
retrograde	6667 Nov 04 20:40	13°♌59'29		superior conj	6670 Apr 23 09:36	4°♒58'59	-1°27'02
evening set	6667 Nov 21 21:43	8°♌29'29		minimum elong	6670 Apr 23 11:56	5°♒06'17	1°27'05
inferior conj	6667 Nov 26 01:30	5°♌57'09	-7°05'12	max. Earth dist.	6670 Apr 25 20:42	8°♒04'31	1.71346 AU
minimum elong	6667 Nov 26 11:10	5°♌42'05	7°03'27		6670 May 13 08:16	0°♐	
min. Earth dist.	6667 Nov 26 22:17	5°♌24'47	0.28412 AU	evening rise	6670 Jun 02 16:36	25°♐24'16	
morning rise	6667 Dec 01 00:16	2°♌56'39			6670 Jun 06 09:13	0°♑	
	6667 Dec 06 20:32	30°♋♋		asc. node	6670 Jun 15 09:44	11°♑12'21	
direct	6667 Dec 17 10:18	27°♋45'11			6670 Jun 30 14:25	0°♓	
	6667 Dec 28 10:15	0°♌			6670 Jul 25 00:49	0°♎	
greatest brilliancy	6667 Dec 28 13:18	0°♌02'59	-4.8m		6670 Aug 18 17:59	0°♊	
asc. node	6667 Dec 29 15:01	0°♌29'19			6670 Sep 12 21:04	0°♋	
	6668 Feb 05 10:27	0°♒		desc. node	6670 Oct 05 02:19	25°♋55'08	
morning max el	6668 Feb 05 17:27	0°♒17'38	46°38'30		6670 Oct 08 15:40	0°♌	
	6668 Mar 04 05:35	0°♓			6670 Nov 04 13:06	0°♒	
	6668 Mar 29 23:14	0°♏		evening max el	6670 Nov 28 06:55	24°♒30'26	46°14'12
desc. node	6668 Apr 19 07:39	24°♏28'02			6670 Dec 04 01:36	0°♓	
	6668 Apr 23 20:58	0°♑		greatest brilliancy	6671 Jan 07 03:57	23°♓54'01	-4.8m
	6668 May 18 09:35	0°♒		retrograde	6671 Jan 16 20:07	25°♓38'51	
	6668 Jun 11 18:36	0°♐		asc. node	6671 Jan 26 02:53	23°♓54'51	
	6668 Jul 06 03:04	0°♑		evening set	6671 Jan 31 06:47	21°♓34'01	
	6668 Jul 30 12:04	0°♓		inferior conj	6671 Feb 06 12:34	17°♓55'18	2°54'04
morning set	6668 Aug 09 10:52	12°♓14'25		minimum elong	6671 Feb 06 06:08	18°♓05'10	2°52'08
asc. node	6668 Aug 10 07:29	13°♓17'48		min. Earth dist.	6671 Feb 06 14:38	17°♓52'08	0.26897 AU

morning rise	6671 Feb 12 05:01	14°  33'14		evening rise	6673 Aug 12 15:14	5°  02'33	
direct	6671 Feb 27 03:46	10°  07'32			6673 Sep 01 22:37	0° 	
greatest brilliancy	6671 Mar 09 09:59	12°  06'11	-4.9m		6673 Sep 26 11:26	0° 	
	6671 Apr 04 23:46	0° 			6673 Oct 21 04:44	0° 	
morning max el	6671 Apr 18 15:56	13°  01'22	46°58'47	desc. node	6673 Nov 01 14:05	13°  43'34	
	6671 May 04 19:01	0° 			6673 Nov 15 04:02	0° 	
desc. node	6671 May 17 19:34	14°  02'53			6673 Dec 10 11:22	0° 	
	6671 May 31 08:18	0° 			6674 Jan 05 08:15	0° 	
	6671 Jun 25 20:18	0° 			6674 Feb 01 13:18	0° 	
	6671 Jul 20 22:01	0° 		evening max el	6674 Feb 09 03:30	7°  49'46	47°00'43
	6671 Aug 14 18:46	0° 		asc. node	6674 Feb 22 14:40	20°  41'57	
asc. node	6671 Sep 07 19:31	29°  01'02			6674 Mar 05 21:57	0° 	
	6671 Sep 08 11:47	0° 		greatest brilliancy	6674 Mar 21 19:44	9°  03'35	-4.9m
	6671 Oct 03 00:54	0° 		retrograde	6674 Mar 31 19:07	10°  05'03	
morning set	6671 Oct 17 21:29	18°  15'12		evening set	6674 Apr 18 22:25	4°  03'40	
	6671 Oct 27 10:15	0° 		inferior conj	6674 Apr 21 11:35	3°  03'57	9°07'15
	6671 Nov 20 16:41	0° 		minimum elong	6674 Apr 21 13:09	3°  01'32	9°07'11
max. Earth dist.	6671 Nov 21 06:03	0°  41'25	1.72799 AU	min. Earth dist.	6674 Apr 21 05:20	3°  13'34	0.27197 AU
				morning rise	6674 Apr 24 03:58	1°  02'36	
superior conj	6671 Nov 23 13:31	3°  33'14	1°11'23		6674 Apr 26 14:48	30°  00'00	
minimum elong	6671 Nov 23 22:30	4°  01'03	1°11'11	direct	6674 May 12 03:00	25°  00'00	
	6671 Dec 14 21:14	0° 		greatest brilliancy	6674 May 21 12:52	26°  00'00	-4.9m
desc. node	6671 Dec 28 11:43	16°  05'48			6674 May 28 10:49	0° 	
evening rise	6671 Dec 31 19:41	21°  02'51		desc. node	6674 Jun 14 07:14	11°  00'00	
	6672 Jan 08 00:25	0° 		morning max el	6674 Jul 01 01:21	27°  06'33	46°23'37
	6672 Feb 01 02:27	0° 			6674 Jul 03 23:15	0° 	
	6672 Feb 25 04:06	0° 			6674 Aug 01 04:00	0° 	
	6672 Mar 20 07:35	0° 			6674 Aug 27 14:18	0° 	
	6672 Apr 13 16:50	0° 			6674 Sep 22 05:20	0° 	
asc. node	6672 Apr 19 12:07	7°  04'02		asc. node	6674 Oct 05 07:32	15°  00'00	
	6672 May 08 13:57	0° 			6674 Oct 17 07:43	0° 	
	6672 Jun 03 09:29	0° 			6674 Nov 11 00:21	0° 	
	6672 Jul 01 06:31	0° 			6674 Dec 05 09:43	0° 	
evening max el	6672 Jul 04 21:38	3°  00'17	45°57'01	morning set	6674 Dec 26 08:53	25°  00'00	
	6672 Aug 07 03:05	0° 			6674 Dec 29 14:06	0° 	
desc. node	6672 Aug 09 04:53	1°  01'03			6675 Jan 22 15:12	0° 	
greatest brilliancy	6672 Aug 12 07:35	2°  00'51	-4.7m	desc. node	6675 Jan 24 23:40	2°  00'00	
retrograde	6672 Aug 23 05:15	4°  00'44		max. Earth dist.	6675 Feb 01 04:01	11°  00'00	1.71564 AU
	6672 Sep 07 10:45	30°  00'00					
evening set	6672 Sep 08 20:55	29°  00'00		superior conj	6675 Feb 03 17:48	15°  00'00	-0°23'24
inferior conj	6672 Sep 13 18:31	26°  00'00	-7°11'10	minimum elong	6675 Feb 03 12:01	14°  00'00	0°23'05
minimum elong	6672 Sep 13 09:20	26°  00'00	7°09'41		6675 Feb 15 13:58	0° 	
min. Earth dist.	6672 Sep 13 09:11	26°  00'00	0.29093 AU		6675 Mar 11 11:17	0° 	
morning rise	6672 Sep 17 21:50	23°  00'00		evening rise	6675 Mar 16 03:51	5°  00'00	
direct	6672 Oct 05 07:01	17°  00'00			6675 Apr 04 08:39	0° 	
greatest brilliancy	6672 Oct 15 12:07	19°  00'00	-4.7m		6675 Apr 28 08:24	0° 	
	6672 Nov 02 10:30	0° 		asc. node	6675 May 17 23:52	24°  00'00	
morning max el	6672 Nov 23 08:09	18°  00'00	45°52'59		6675 May 22 13:17	0° 	
asc. node	6672 Nov 30 05:15	25°  00'00			6675 Jun 16 02:16	0° 	
	6672 Dec 05 00:48	0° 			6675 Jul 11 03:26	0° 	
	6673 Jan 01 06:05	0° 			6675 Aug 06 00:56	0° 	
	6673 Jan 26 18:39	0° 			6675 Sep 02 15:29	0° 	
	6673 Feb 20 12:18	0° 		desc. node	6675 Sep 06 16:40	4°  00'00	
	6673 Mar 16 20:04	0° 		evening max el	6675 Sep 14 20:18	12°  00'00	45°37'24
desc. node	6673 Mar 21 21:36	6°  00'00			6675 Oct 05 15:39	0° 	
	6673 Apr 09 22:34	0° 		greatest brilliancy	6675 Oct 23 22:53	10°  00'00	-4.7m
	6673 May 03 22:47	0° 		retrograde	6675 Nov 02 10:56	11°  00'00	
	6673 May 27 23:07	0° 		evening set	6675 Nov 19 15:44	6°  00'00	
morning set	6673 May 28 06:30	0°  00'00		inferior conj	6675 Nov 23 16:55	3°  00'00	-7°16'32
	6673 Jun 21 01:13	0° 		minimum elong	6675 Nov 24 02:16	3°  00'00	7°14'57
				min. Earth dist.	6675 Nov 24 13:19	3°  00'00	0.28471 AU
superior conj	6673 Jul 06 00:59	18°  00'00	-0°16'30	morning rise	6675 Nov 28 12:27	0° 	
minimum elong	6673 Jul 06 04:45	18°  00'00	0°16'22		6675 Nov 29 21:49	30°  00'00	
max. Earth dist.	6673 Jul 08 20:47	22°  00'00	1.72665 AU	direct	6675 Dec 15 02:11	25°  00'00	
asc. node	6673 Jul 12 21:34	27°  00'00		greatest brilliancy	6675 Dec 26 04:50	27°  00'00	-4.8m
	6673 Jul 15 05:51	0° 		asc. node	6675 Dec 28 17:02	28°  00'00	
	6673 Aug 08 12:59	0° 			6675 Dec 30 23:47	0° 	

morning max el	6676 Feb 03 07:39	27°  57'07	46°36'50	desc. node	6678 Oct 04 04:15	25°  21'44	
	6676 Feb 05 08:11	0° 			6678 Oct 08 05:30	0° 	
	6676 Mar 03 21:34	0° 			6678 Nov 04 06:04	0° 	
	6676 Mar 29 13:04	0° 		evening max el	6678 Nov 25 20:16	22°  10'28	46°12'30
desc. node	6676 Apr 18 09:37	23°  54'57			6678 Dec 04 04:14	0° 	
	6676 Apr 23 09:40	0° 		greatest brilliancy	6679 Jan 04 16:59	21°  30'39	-4.8m
	6676 May 17 21:35	0° 		retrograde	6679 Jan 14 09:08	23°  15'36	
	6676 Jun 11 06:07	0° 		asc. node	6679 Jan 25 04:55	20°  54'23	
	6676 Jul 05 14:15	0° 		evening set	6679 Jan 28 19:01	19°  11'08	
	6676 Jul 29 23:01	0° 		inferior conj	6679 Feb 04 01:38	15°  31'36	2°31'10
morning set	6676 Aug 07 03:38	10°  04'56		minimum elong	6679 Feb 03 19:58	15°  40'16	2°29'25
asc. node	6676 Aug 09 09:32	12°  50'45		min. Earth dist.	6679 Feb 04 04:48	15°  26'46	0.26923 AU
	6676 Aug 23 08:05	0° 		morning rise	6679 Feb 09 20:27	12°  06'34	
				direct	6679 Feb 24 17:11	7°  43'01	
superior conj	6676 Sep 13 04:12	25°  39'26	1°11'03	greatest brilliancy	6679 Mar 07 01:04	9°  43'36	-4.9m
minimum elong	6676 Sep 12 19:38	25°  13'04	1°10'49		6679 Apr 05 05:05	0° 	
max. Earth dist.	6676 Sep 12 23:47	25°  25'52	1.73382 AU	morning max el	6679 Apr 16 06:22	10°  39'49	46°59'02
	6676 Sep 16 16:49	0° 			6679 May 04 12:56	0° 	
	6676 Oct 11 01:12	0° 		desc. node	6679 May 16 21:30	13°  49'06	
evening rise	6676 Oct 19 09:39	10°  17'16			6679 May 30 22:51	0° 	
	6676 Nov 04 09:54	0° 			6679 Jun 25 09:14	0° 	
	6676 Nov 28 19:35	0° 			6679 Jul 20 10:00	0° 	
desc. node	6676 Nov 29 01:53	0°  31'21			6679 Aug 14 06:06	0° 	
	6676 Dec 23 06:26	0° 		asc. node	6679 Sep 06 21:30	28°  04'14	
	6677 Jan 16 18:47	0° 			6679 Sep 07 22:42	0° 	
	6677 Feb 10 10:46	0° 			6679 Oct 02 11:34	0° 	
	6677 Mar 07 12:38	0° 		morning set	6679 Oct 15 14:50	16°  08'13	
asc. node	6677 Mar 22 02:17	16°  05'36			6679 Oct 26 20:49	0° 	
	6677 Apr 02 15:12	0° 		max. Earth dist.	6679 Nov 19 01:33	28°  04'22	1.72835 AU
evening max el	6677 Apr 22 14:46	21°  15'09	46°49'18		6679 Nov 20 03:16	0° 	
	6677 May 01 14:51	0° 					
greatest brilliancy	6677 Jun 01 05:35	21°  04'31	-4.8m	superior conj	6679 Nov 21 06:03	1°  37'22'56	1°13'11
retrograde	6677 Jun 11 21:51	23°  08'46		minimum elong	6679 Nov 21 14:41	1°  37'49'42	1°13'02
evening set	6677 Jun 27 03:08	19°  06'42			6679 Dec 14 07:53	0° 	
inferior conj	6677 Jul 03 01:22	15°  04'25'55	2°08'55	desc. node	6679 Dec 27 13:49	16°  03'27'30	
minimum elong	6677 Jul 03 06:08	15°  03'52'29	2°07'26	evening rise	6679 Dec 29 10:09	18°  03'45'14	
min. Earth dist.	6677 Jul 02 18:49	15°  03'53'08	0.27949 AU		6680 Jan 07 11:12	0° 	
morning rise	6677 Jul 09 09:41	11°  05'56'29			6680 Jan 31 13:25	0° 	
desc. node	6677 Jul 11 19:04	10°  05'43'50			6680 Feb 24 15:19	0° 	
direct	6677 Jul 24 03:15	7°  05'44'12			6680 Mar 19 19:09	0° 	
greatest brilliancy	6677 Aug 02 23:00	9°  05'29'21	-4.8m		6680 Apr 13 04:58	0° 	
	6677 Sep 02 15:56	0° 		asc. node	6680 Apr 18 14:01	6°  05'32'24	
morning max el	6677 Sep 10 22:07	7°  05'37'20	45°45'04		6680 May 08 03:04	0° 	
	6677 Oct 02 22:11	0° 			6680 Jun 03 00:38	0° 	
	6677 Oct 29 23:08	0° 			6680 Jul 01 03:15	0° 	
asc. node	6677 Nov 01 19:24	3°  05'15'46		evening max el	6680 Jul 02 14:03	1°  05'25'50	45°58'38
	6677 Nov 24 15:27	0° 		desc. node	6680 Aug 08 06:58	29°  05'29'22	
	6677 Dec 19 13:13	0° 			6680 Aug 09 12:57	0° 	
	6678 Jan 12 23:50	0° 		greatest brilliancy	6680 Aug 09 22:26	0°  05'09'08	-4.7m
	6678 Feb 06 03:43	0° 		retrograde	6680 Aug 20 22:13	2°  05'20'46	
desc. node	6678 Feb 21 11:37	19°  05'09'09			6680 Aug 31 18:15	30°  05'05'00	
	6678 Mar 02 03:28	0° 		evening set	6680 Sep 06 10:10	27°  05'07'00	
morning set	6678 Mar 10 20:29	10°  05'55'45		inferior conj	6680 Sep 11 10:47	24°  05'02'45	-7°00'04
	6678 Mar 26 00:45	0° 		minimum elong	6680 Sep 11 01:20	24°  05'17'34	6°58'27
	6678 Apr 18 21:19	0° 		min. Earth dist.	6680 Sep 11 00:16	24°  05'19'14	0.29070 AU
				morning rise	6680 Sep 15 16:41	21°  05'26'11	
superior conj	6678 Apr 20 20:42	2°  05'28'51	-1°27'21	direct	6680 Oct 02 23:31	15°  05'07'47'01	
minimum elong	6678 Apr 20 21:58	2°  05'32'49	1°27'23	greatest brilliancy	6680 Oct 13 02:56	17°  05'38'36	-4.7m
max. Earth dist.	6678 Apr 22 23:43	5°  05'09'05	1.71318 AU		6680 Nov 02 22:10	0° 	
	6678 May 12 19:11	0° 		morning max el	6680 Nov 21 00:31	16°  05'02'14	45°51'50
evening rise	6678 May 31 04:53	22°  05'59'09		asc. node	6680 Nov 29 07:20	24°  05'18'15	
	6678 Jun 05 20:07	0° 			6680 Dec 04 18:45	0° 	
asc. node	6678 Jun 14 11:43	10°  05'44'43			6680 Dec 31 20:14	0° 	
	6678 Jun 30 01:23	0° 			6681 Jan 26 07:16	0° 	
	6678 Jul 24 11:58	0° 			6681 Feb 20 00:07	0° 	
	6678 Aug 18 05:34	0° 			6681 Mar 16 07:25	0° 	
	6678 Sep 12 09:26	0° 		desc. node	6681 Mar 20 23:33	5°  05'48'06	





















































































































	6681 Apr 09 09:38	0°♄	greatest brilliancy	6683 Oct 21 13:43	7°♂57'02	-4.7m
	6681 May 03 09:39	0°♄	retrograde	6683 Oct 31 01:13	9°♂34'29	
morning set	6681 May 25 19:52	28°♂01'35	evening set	6683 Nov 17 09:38	3°♂55'57	
	6681 May 27 09:49	0°♄	inferior conj	6683 Nov 21 08:19	1°♂30'48	-7°27'13
	6681 Jun 20 11:49	0°♄	minimum elong	6683 Nov 21 17:19	1°♂16'45	7°25'48
			min. Earth dist.	6683 Nov 22 04:32	0°♂59'12	0.28528 AU
superior conj	6681 Jul 03 15:56	16°♄21'03 -0°19'57		6683 Nov 23 18:42	30°♄	
minimum elong	6681 Jul 03 20:30	16°♄35'12 0°19'47	morning rise	6683 Nov 26 00:37	28°♄38'57	
max. Earth dist.	6681 Jul 06 15:09	20°♄01'47 1.72625 AU	direct	6683 Dec 12 17:36	23°♄17'31	
asc. node	6681 Jul 11 23:40	26°♄39'42	greatest brilliancy	6683 Dec 23 20:50	25°♄34'19	-4.8m
	6681 Jul 14 16:24	0°♄	asc. node	6683 Dec 27 19:06	27°♄19'42	
	6681 Aug 07 23:33	0°♄		6684 Jan 01 13:44	0°♂	
evening rise	6681 Aug 10 08:30	2°♄55'25	morning max el	6684 Jan 31 21:26	25°♂36'38	46°35'17
	6681 Sep 01 09:17	0°♄		6684 Feb 05 04:46	0°♂	
	6681 Sep 25 22:21	0°♄		6684 Mar 03 12:56	0°♂	
	6681 Oct 20 16:05	0°♂		6684 Mar 29 02:24	0°♂	
desc. node	6681 Oct 31 16:04	13°♂14'32	desc. node	6684 Apr 17 11:31	23°♂22'53	
	6681 Nov 14 16:06	0°♂		6684 Apr 22 21:58	0°♄	
	6681 Dec 10 00:37	0°♂		6684 May 17 09:14	0°♄	
	6682 Jan 04 23:38	0°♂		6684 Jun 10 17:18	0°♄	
	6682 Feb 01 09:40	0°♄		6684 Jul 05 01:07	0°♄	
evening max el	6682 Feb 06 18:29	5°♄29'53 46°59'51		6684 Jul 29 09:39	0°♄	
asc. node	6682 Feb 21 16:41	19°♄38'39	morning set	6684 Aug 04 20:29	7°♄56'33	
	6682 Mar 06 20:53	0°♄	asc. node	6684 Aug 08 11:29	12°♄24'16	
greatest brilliancy	6682 Mar 19 09:00	6°♄39'03 -4.9m		6684 Aug 22 18:35	0°♄	
retrograde	6682 Mar 29 08:43	8°♄32'24				
evening set	6682 Apr 16 11:28	2°♄13'53	superior conj	6684 Sep 10 22:11	23°♄34'51	1°09'13
min. Earth dist.	6682 Apr 18 17:45	0°♄50'39 0.27171 AU	minimum elong	6684 Sep 10 13:23	23°♄07'45	1°08'57
inferior conj	6682 Apr 19 00:44	0°♄39'52 9°08'41	max. Earth dist.	6684 Sep 10 17:59	23°♄21'56	1.73382 AU
minimum elong	6682 Apr 19 01:20	0°♄38'57 9°08'39		6684 Sep 16 03:17	0°♄	
	6682 Apr 20 02:37	30°♄		6684 Oct 10 11:44	0°♄	
morning rise	6682 Apr 21 15:18	29°♄04'12	evening rise	6684 Oct 17 03:12	8°♄10'54	
direct	6682 May 09 16:26	22°♄52'56		6684 Nov 03 20:37	0°♂	
greatest brilliancy	6682 May 19 00:54	24°♄32'24 -4.9m	desc. node	6684 Nov 28 03:57	29°♂51'54	
	6682 May 30 02:31	0°♄		6684 Nov 28 06:35	0°♂	
desc. node	6682 Jun 13 09:20	10°♄41'16		6684 Dec 22 17:50	0°♂	
morning max el	6682 Jun 28 15:00	24°♄46'23 46°25'07		6685 Jan 16 06:43	0°♂	
	6682 Jul 03 20:23	0°♄		6685 Feb 09 23:30	0°♄	
	6682 Jul 31 19:23	0°♄		6685 Mar 07 02:48	0°♄	
	6682 Aug 27 03:24	0°♄	asc. node	6685 Mar 21 04:12	16°♄18'39	
	6682 Sep 21 17:16	0°♄		6685 Apr 02 08:22	0°♄	
asc. node	6682 Oct 04 09:25	15°♄05'50	evening max el	6685 Apr 20 04:06	18°♄52'37	46°50'44
	6682 Oct 16 18:59	0°♄		6685 May 01 17:50	0°♄	
	6682 Nov 10 11:14	0°♄	greatest brilliancy	6685 May 29 22:03	19°♄26'00	-4.8m
	6682 Dec 04 20:23	0°♂	retrograde	6685 Jun 09 12:40	21°♄32'23	
morning set	6682 Dec 23 23:42	23°♂43'46	evening set	6685 Jun 24 19:52	16°♄57'45	
	6682 Dec 29 00:43	0°♂	inferior conj	6685 Jun 30 16:12	13°♄27'05	2°30'15
	6683 Jan 22 01:51	0°♂	minimum elong	6685 Jun 30 21:41	13°♄18'31	2°28'32
desc. node	6683 Jan 24 01:41	2°♂29'33	min. Earth dist.	6685 Jun 30 10:34	13°♄35'51	0.27913 AU
max. Earth dist.	6683 Jan 29 11:21	9°♂15'08 1.71603 AU	morning rise	6685 Jul 06 23:57	9°♄41'24	
			desc. node	6685 Jul 10 21:04	7°♄48'27	
superior conj	6683 Feb 01 05:48	12°♂43'07 -0°19'41	direct	6685 Jul 21 16:59	5°♄28'38	
minimum elong	6683 Feb 01 00:55	12°♂27'50 0°19'23	greatest brilliancy	6685 Jul 31 14:04	7°♄14'50	-4.8m
	6683 Feb 15 00:41	0°♂		6685 Sep 02 18:02	0°♄	
	6683 Mar 10 22:03	0°♄	morning max el	6685 Sep 08 12:44	5°♄23'39	45°45'53
evening rise	6683 Mar 13 14:46	3°♄23'16		6685 Oct 02 14:37	0°♄	
	6683 Apr 03 19:30	0°♄		6685 Oct 29 12:37	0°♄	
	6683 Apr 27 19:23	0°♄	asc. node	6685 Oct 31 21:31	2°♄43'30	
asc. node	6683 May 17 01:55	23°♄54'22		6685 Nov 24 03:38	0°♄	
	6683 May 22 00:30	0°♄		6685 Dec 19 00:46	0°♂	
	6683 Jun 15 13:55	0°♄		6686 Jan 12 11:04	0°♂	
	6683 Jul 10 15:56	0°♄		6686 Feb 05 14:46	0°♂	
	6683 Aug 05 15:10	0°♄	desc. node	6686 Feb 20 13:32	18°♂40'52	
	6683 Sep 02 10:05	0°♄		6686 Mar 01 14:23	0°♂	
desc. node	6683 Sep 05 18:34	3°♄23'18	morning set	6686 Mar 08 06:39	8°♂22'43	
evening max el	6683 Sep 12 10:36	9°♄55'20 45°36'59		6686 Mar 25 11:36	0°♄	
	6683 Oct 06 09:06	0°♂				

superior conj	6686 Apr 18 07:41	29° Υ 58'29	-1°27'28	morning rise	6688 Sep 13 11:28	19° \mathbb{M} 12'21	
minimum elong	6686 Apr 18 07:51	29° Υ 59'01	1°27'30	direct	6688 Sep 30 16:09	13° \mathbb{M} 37'38	
	6686 Apr 18 08:10	0° \mathcal{B}		greatest brilliancy	6688 Oct 10 17:25	15° \mathbb{M} 27'39	-4.7m
max. Earth dist.	6686 Apr 20 04:24	2° \mathcal{B} 18'59	1.71296 AU		6688 Nov 03 07:06	0° \mathcal{A}	
	6686 May 12 06:02	0° \mathbb{I}		morning max el	6688 Nov 18 16:05	13° \mathcal{A} 50'24	45°50'45
evening rise	6686 May 28 17:09	20° \mathbb{I} 34'02		asc. node	6688 Nov 28 09:22	23° \mathcal{A} 34'17	
	6686 Jun 05 07:00	0° \mathcal{E}			6688 Dec 04 12:33	0° \mathbb{M}	
asc. node	6686 Jun 13 13:48	10° \mathcal{E} 17'20			6688 Dec 31 10:30	0° \mathcal{X}	
	6686 Jun 29 12:20	0° \mathcal{Q}			6689 Jan 25 20:05	0° \mathcal{Z}	
	6686 Jul 23 23:08	0° \mathbb{M}			6689 Feb 19 12:13	0° \approx	
	6686 Aug 17 17:10	0° \mathcal{A}			6689 Mar 15 19:08	0° \mathcal{H}	
	6686 Sep 11 21:51	0° \mathbb{M}		desc. node	6689 Mar 20 01:33	5° \mathcal{H} 18'04	
desc. node	6686 Oct 03 06:14	24° \mathbb{M} 48'20			6689 Apr 08 21:05	0° Υ	
	6686 Oct 07 19:29	0° \mathcal{X}			6689 May 02 20:54	0° \mathcal{B}	
	6686 Nov 03 23:28	0° \mathcal{Z}		morning set	6689 May 23 08:49	25° \mathcal{B} 37'34	
evening max el	6686 Nov 23 10:21	19° \mathcal{Z} 52'06	46°10'40		6689 May 26 20:53	0° \mathbb{I}	
	6686 Dec 04 08:48	0° \approx			6689 Jun 19 22:45	0° \mathcal{E}	
greatest brilliancy	6687 Jan 02 05:29	19° \approx 06'01	-4.8m				
retrograde	6687 Jan 11 22:18	20° \approx 51'15		superior conj	6689 Jul 01 06:35	14° \mathcal{E} 03'48	-0°23'25
asc. node	6687 Jan 24 06:55	17° \approx 48'04		minimum elong	6689 Jul 01 11:54	14° \mathcal{E} 20'17	0°23'12
evening set	6687 Jan 26 07:22	16° \approx 47'06		max. Earth dist.	6689 Jul 04 10:49	18° \mathcal{E} 00'10	1.72579 AU
inferior conj	6687 Feb 01 14:30	13° \approx 06'48	2°07'46	asc. node	6689 Jul 11 01:32	26° \mathcal{E} 11'50	
minimum elong	6687 Feb 01 09:40	13° \approx 14'11	2°06'16		6689 Jul 14 03:16	0° \mathcal{Q}	
min. Earth dist.	6687 Feb 01 18:32	13° \approx 00'38	0.26949 AU		6689 Aug 07 10:27	0° \mathbb{M}	
morning rise	6687 Feb 07 11:33	9° \approx 39'03		evening rise	6689 Aug 08 01:36	0° \mathbb{M} 46'39	
direct	6687 Feb 22 06:58	5° \approx 17'37			6689 Aug 31 20:20	0° \mathcal{A}	
greatest brilliancy	6687 Mar 04 15:25	7° \approx 19'22	-4.9m		6689 Sep 25 09:38	0° \mathbb{M}	
	6687 Apr 05 08:47	0° \mathcal{H}			6689 Oct 20 03:49	0° \mathcal{X}	
morning max el	6687 Apr 13 20:59	8° \mathcal{H} 18'28	46°59'17	desc. node	6689 Oct 30 18:10	12° \mathcal{X} 44'44	
	6687 May 04 06:33	0° Υ			6689 Nov 14 04:34	0° \mathcal{Z}	
desc. node	6687 May 15 23:40	13° Υ 10'09			6689 Dec 09 14:19	0° \approx	
	6687 May 30 13:19	0° \mathcal{B}			6690 Jan 04 15:38	0° \mathcal{H}	
	6687 Jun 24 22:11	0° \mathbb{I}			6690 Feb 01 07:12	0° Υ	
	6687 Jul 19 22:02	0° \mathcal{E}		evening max el	6690 Feb 04 08:16	3° Υ 05'42	46°58'41
	6687 Aug 13 17:33	0° \mathcal{Q}		asc. node	6690 Feb 20 18:34	18° Υ 32'01	
asc. node	6687 Sep 05 23:26	28° \mathcal{Q} 15'26			6690 Mar 08 06:01	0° \mathcal{B}	
	6687 Sep 07 09:45	0° \mathbb{M}		greatest brilliancy	6690 Mar 16 22:33	4° \mathcal{B} 12'51	-4.9m
	6687 Oct 01 22:23	0° \mathcal{A}		retrograde	6690 Mar 26 21:31	6° \mathcal{B} 05'21	
morning set	6687 Oct 13 08:22	14° \mathcal{A} 01'29		evening set	6690 Apr 13 23:38	29° Υ 48'49	
	6687 Oct 26 07:32	0° \mathbb{M}			6690 Apr 13 16:13	30° \mathcal{R} Υ	
max. Earth dist.	6687 Nov 16 21:08	26° \mathbb{M} 39'15	1.72870 AU	inferior conj	6690 Apr 16 13:38	28° Υ 13'33	9°09'02
				minimum elong	6690 Apr 16 13:16	28° Υ 14'09	9°09'00
superior conj	6687 Nov 18 22:43	29° \mathbb{M} 12'43	1°14'53	min. Earth dist.	6690 Apr 16 06:21	28° Υ 24'49	0.27147 AU
minimum elong	6687 Nov 19 06:58	29° \mathbb{M} 38'16	1°14'44	morning rise	6690 Apr 19 02:59	26° Υ 39'34	
	6687 Nov 19 14:00	0° \mathcal{X}		direct	6690 May 07 05:09	20° Υ 27'07	
	6687 Dec 13 18:44	0° \mathcal{Z}		greatest brilliancy	6690 May 16 13:26	22° Υ 06'09	-4.9m
desc. node	6687 Dec 26 15:50	15° \mathcal{Z} 59'48			6690 May 31 07:14	0° \mathcal{B}	
evening rise	6687 Dec 27 00:34	16° \mathcal{Z} 26'53		desc. node	6690 Jun 12 11:18	9° \mathcal{B} 36'14	
	6688 Jan 06 22:13	0° \approx		morning max el	6690 Jun 26 03:26	22° \mathcal{B} 21'19	46°26'45
	6688 Jan 31 00:39	0° \mathcal{H}			6690 Jul 03 17:23	0° \mathbb{I}	
	6688 Feb 24 02:50	0° Υ			6690 Jul 31 11:01	0° \mathcal{E}	
	6688 Mar 19 07:03	0° \mathcal{B}			6690 Aug 26 16:50	0° \mathcal{Q}	
	6688 Apr 12 17:25	0° \mathbb{I}			6690 Sep 21 05:32	0° \mathbb{M}	
asc. node	6688 Apr 17 16:05	6° \mathbb{I} 00'24		asc. node	6690 Oct 03 11:28	14° \mathbb{M} 36'23	
	6688 May 07 16:32	0° \mathcal{E}			6690 Oct 16 06:36	0° \mathcal{A}	
	6688 Jun 02 16:17	0° \mathcal{Q}			6690 Nov 09 22:28	0° \mathbb{M}	
evening max el	6688 Jun 30 06:39	29° \mathcal{Q} 14'58	46°00'13		6690 Dec 04 07:26	0° \mathcal{X}	
	6688 Jul 01 01:03	0° \mathbb{M}		morning set	6690 Dec 21 14:50	21° \mathcal{X} 27'27	
desc. node	6688 Aug 07 08:55	27° \mathbb{M} 53'27			6690 Dec 28 11:42	0° \mathcal{Z}	
greatest brilliancy	6688 Aug 07 13:50	27° \mathbb{M} 58'10	-4.7m		6691 Jan 21 12:51	0° \approx	
	6688 Aug 15 14:12	0° \mathcal{A}		desc. node	6691 Jan 23 03:36	2° \approx 01'09	
retrograde	6688 Aug 18 14:54	0° \mathcal{A} 10'37		max. Earth dist.	6691 Jan 26 20:51	6° \approx 40'16	1.71643 AU
	6688 Aug 21 14:27	30° \mathcal{R} \mathbb{M}					
evening set	6688 Sep 03 23:28	25° \mathbb{M} 01'24		superior conj	6691 Jan 29 18:11	10° \approx 17'13	-0°15'57
min. Earth dist.	6688 Sep 08 15:27	22° \mathbb{M} 10'46	0.29043 AU	minimum elong	6691 Jan 29 14:13	10° \approx 04'47	0°15'43
inferior conj	6688 Sep 09 02:59	21° \mathbb{M} 52'41	-6°48'17	behind sun begin	6691 Jan 29 07:53	9° \approx 44'58	
minimum elong	6688 Sep 08 17:21	22° \mathbb{M} 07'48	6°46'33	behind sun end	6691 Jan 29 20:33	10° \approx 24'35	

	6691 Feb 14 11:44	0° H			6693 Sep 02 19:10	0° Ω	
	6691 Mar 10 09:12	0° Y		morning max el	6693 Sep 06 04:18	3° Ω 11'18	45°46'42
evening rise	6691 Mar 11 01:55	0° Y 52'31			6693 Oct 02 07:05	0° M	
	6691 Apr 03 06:45	0° B			6693 Oct 29 02:15	0° A	
	6691 Apr 27 06:48	0° II		asc. node	6693 Oct 30 23:32	2° A 10'29	
asc. node	6691 May 16 03:56	23° II 24'39			6693 Nov 23 15:59	0° M	
	6691 May 21 12:12	0° E			6693 Dec 18 12:28	0° X	
	6691 Jun 15 02:05	0° Ω			6694 Jan 11 22:27	0° Z	
	6691 Jul 10 04:58	0° M			6694 Feb 05 01:59	0° \approx	
	6691 Aug 05 06:02	0° A		desc. node	6694 Feb 19 15:32	18° \approx 12'17	
desc. node	6691 Sep 02 05:42	0° M			6694 Mar 01 01:29	0° H	
	6691 Sep 04 20:33	2° M 37'09		morning set	6694 Mar 05 17:06	5° H 50'04	
evening max el	6691 Sep 10 00:10	7° M 38'36	45°36'47		6694 Mar 24 22:38	0° Y	
	6691 Oct 07 09:35	0° X					
greatest brilliancy	6691 Oct 19 04:16	5° X 43'49	-4.7m	superior conj	6694 Apr 15 18:53	27° Y 28'20	-1°27'25
retrograde	6691 Oct 28 15:52	7° X 21'45		minimum elong	6694 Apr 15 17:57	27° Y 25'23	1°27'27
evening set	6691 Nov 15 03:30	1° X 38'40		max. Earth dist.	6694 Apr 17 11:52	29° Y 37'08	1.71271 AU
	6691 Nov 17 20:19	30° K M			6694 Apr 17 19:09	0° B	
inferior conj	6691 Nov 18 23:47	29° M 17'10	-7°37'13		6694 May 11 16:59	0° II	
minimum elong	6691 Nov 19 08:22	29° M 03'45	7°35'56	evening rise	6694 May 26 05:41	18° II 09'25	
min. Earth dist.	6691 Nov 19 19:46	28° M 45'57	0.28585 AU		6694 Jun 04 17:57	0° E	
morning rise	6691 Nov 23 12:51	26° M 29'56		asc. node	6694 Jun 12 15:42	9° E 49'09	
direct	6691 Dec 10 08:53	21° M 02'59			6694 Jun 28 23:24	0° Ω	
greatest brilliancy	6691 Dec 21 13:09	23° M 20'16	-4.8m		6694 Jul 23 10:26	0° M	
asc. node	6691 Dec 26 21:00	25° M 49'02			6694 Aug 17 04:56	0° A	
	6692 Jan 02 16:48	0° X			6694 Sep 11 10:29	0° M	
morning max el	6692 Jan 29 11:53	23° X 16'54	46°33'55	desc. node	6694 Oct 02 08:20	24° M 14'40	
	6692 Feb 05 01:05	0° Z			6694 Oct 07 09:45	0° X	
	6692 Mar 03 04:23	0° \approx			6694 Nov 03 17:22	0° Z	
	6692 Mar 28 15:57	0° H		evening max el	6694 Nov 21 01:08	17° Z 35'29	46°08'56
desc. node	6692 Apr 16 13:39	22° H 50'44			6694 Dec 04 15:28	0° \approx	
	6692 Apr 22 10:30	0° Y		greatest brilliancy	6694 Dec 30 18:08	16° \approx 41'56	-4.8m
	6692 May 16 21:09	0° B		retrograde	6695 Jan 09 11:34	18° \approx 27'07	
	6692 Jun 10 04:50	0° II		asc. node	6695 Jan 23 08:52	14° \approx 38'02	
	6692 Jul 04 12:21	0° E		evening set	6695 Jan 23 20:07	14° \approx 23'16	
	6692 Jul 28 20:41	0° Ω		inferior conj	6695 Jan 30 03:28	10° \approx 42'15	1°44'13
morning set	6692 Aug 02 13:01	5° Ω 45'53		minimum elong	6695 Jan 29 23:30	10° \approx 48'19	1°43'00
asc. node	6692 Aug 07 13:27	11° Ω 56'40		min. Earth dist.	6695 Jan 30 08:16	10° \approx 34'55	0.26977 AU
	6692 Aug 22 05:27	0° M		morning rise	6695 Feb 05 02:31	7° \approx 11'54	
				direct	6695 Feb 19 21:02	2° \approx 52'39	
superior conj	6692 Sep 08 15:54	21° M 28'24	1°07'15	greatest brilliancy	6695 Mar 02 05:30	4° \approx 54'46	-4.9m
minimum elong	6692 Sep 08 06:54	21° M 00'40	1°06'58		6695 Apr 05 10:58	0° H	
max. Earth dist.	6692 Sep 08 12:44	21° M 18'36	1.73377 AU	morning max el	6695 Apr 11 11:34	5° H 56'52	46°59'27
	6692 Sep 15 14:05	0° A			6695 May 03 23:50	0° Y	
	6692 Oct 09 22:35	0° M		desc. node	6695 May 15 01:33	12° Y 30'45	
evening rise	6692 Oct 14 20:44	6° M 03'38			6695 May 30 03:37	0° B	
	6692 Nov 03 07:39	0° X			6695 Jun 24 10:59	0° II	
desc. node	6692 Nov 27 05:55	29° X 23'08			6695 Jul 19 09:56	0° E	
	6692 Nov 27 17:56	0° Z			6695 Aug 13 04:53	0° Ω	
	6692 Dec 22 05:35	0° \approx		asc. node	6695 Sep 05 01:29	27° Ω 48'10	
	6693 Jan 15 19:00	0° H			6695 Sep 06 20:44	0° M	
	6693 Feb 09 12:37	0° Y			6695 Oct 01 09:10	0° A	
	6693 Mar 06 17:21	0° B		morning set	6695 Oct 11 01:52	11° A 54'44	
asc. node	6693 Mar 20 06:19	15° B 39'23			6695 Oct 25 18:14	0° M	
	6693 Apr 02 02:06	0° II		max. Earth dist.	6695 Nov 14 14:49	24° M 32'21	1.72902 AU
evening max el	6693 Apr 17 17:49	16° II 30'29	46°52'07				
	6693 May 01 22:50	0° E		superior conj	6695 Nov 16 15:25	27° M 02'42	1°16'27
greatest brilliancy	6693 May 27 13:47	17° E 08'54	-4.8m	minimum elong	6695 Nov 16 23:12	27° M 26'49	1°16'19
retrograde	6693 Jun 07 03:55	19° E 15'16			6695 Nov 19 00:42	0° X	
evening set	6693 Jun 22 12:44	14° E 37'37			6695 Dec 13 05:31	0° Z	
inferior conj	6693 Jun 28 06:59	11° E 10'15	2°51'23	evening rise	6695 Dec 24 14:56	14° Z 08'39	
minimum elong	6693 Jun 28 13:11	11° E 00'36	2°49'29	desc. node	6695 Dec 25 17:43	15° Z 31'51	
min. Earth dist.	6693 Jun 28 01:57	11° E 18'04	0.27882 AU		6696 Jan 06 09:10	0° \approx	
morning rise	6693 Jul 04 14:03	7° E 25'49			6696 Jan 30 11:50	0° H	
desc. node	6693 Jul 09 23:00	4° E 56'50			6696 Feb 23 14:20	0° Y	
direct	6693 Jul 19 07:04	3° E 12'00			6696 Mar 18 18:55	0° B	
greatest brilliancy	6693 Jul 29 04:51	4° E 59'03	-4.8m		6696 Apr 12 05:52	0° II	

asc. node	6696 Apr 16 18:05	5° Π 28'18			6698 Nov 09 09:19	0° \mathbb{M}	
	6696 May 07 06:01	0° \mathfrak{E}			6698 Dec 03 18:07	0° \mathfrak{A}	
	6696 Jun 02 08:00	0° Ω		morning set	6698 Dec 19 06:02	19° \mathfrak{A} 12'24	
evening max el	6696 Jun 27 22:59	27° Ω 03'57	46°01'51		6698 Dec 27 22:22	0° \mathfrak{Z}	
	6696 Jun 30 23:27	0° \mathbb{M}			6699 Jan 20 23:34	0° \approx	
greatest brilliancy	6696 Aug 05 05:59	25° \mathbb{M} 48'57	-4.7m	desc. node	6699 Jan 22 05:41	1° \approx 34'09	
desc. node	6696 Aug 06 10:53	26° \mathbb{M} 15'11		max. Earth dist.	6699 Jan 24 08:16	4° \approx 12'19	1.71687 AU
retrograde	6696 Aug 16 07:20	28° \mathbb{M} 01'28					
evening set	6696 Sep 01 13:02	22° \mathbb{M} 56'51		superior conj	6699 Jan 27 06:30	7° \approx 52'01	-0°12'11
inferior conj	6696 Sep 06 19:21	19° \mathbb{M} 43'48	-6°35'57	minimum elong	6699 Jan 27 03:28	7° \approx 42'30	0°12'00
minimum elong	6696 Sep 06 09:35	19° \mathbb{M} 59'09	6°34'06	behind sun begin	6699 Jan 26 10:16	6° \approx 48'43	
min. Earth dist.	6696 Sep 06 07:06	20° \mathbb{M} 03'03	0.29015 AU	behind sun end	6699 Jan 27 20:39	8° \approx 36'18	
morning rise	6696 Sep 11 06:25	16° \mathbb{M} 59'32			6699 Feb 13 22:31	0° \mathfrak{H}	
direct	6696 Sep 28 08:44	11° \mathbb{M} 29'29		evening rise	6699 Mar 08 13:00	28° \mathfrak{H} 22'32	
greatest brilliancy	6696 Oct 08 08:18	13° \mathbb{M} 17'57	-4.7m		6699 Mar 09 20:02	0° \mathfrak{Y}	
	6696 Nov 03 13:13	0° $\underline{\mathfrak{A}}$			6699 Apr 02 17:41	0° \mathfrak{B}	
morning max el	6696 Nov 16 06:59	11° $\underline{\mathfrak{A}}$ 37'29	45°49'37		6699 Apr 26 17:55	0° Π	
asc. node	6696 Nov 27 11:15	22° $\underline{\mathfrak{A}}$ 51'04		asc. node	6699 May 15 05:50	22° Π 55'37	
	6696 Dec 04 05:47	0° \mathbb{M}			6699 May 20 23:36	0° \mathfrak{E}	
	6696 Dec 31 00:27	0° \mathfrak{A}			6699 Jun 14 13:59	0° Ω	
	6697 Jan 25 08:38	0° \mathfrak{Z}			6699 Jul 09 17:46	0° \mathbb{M}	
	6697 Feb 19 00:05	0° \approx			6699 Aug 04 20:43	0° $\underline{\mathfrak{A}}$	
	6697 Mar 15 06:36	0° \mathfrak{H}			6699 Sep 02 01:29	0° \mathbb{M}	
desc. node	6697 Mar 19 03:37	4° \mathfrak{H} 49'03		desc. node	6699 Sep 03 22:41	1° \mathbb{M} 51'49	
	6697 Apr 08 08:18	0° \mathfrak{Y}		evening max el	6699 Sep 07 14:13	5° \mathbb{M} 24'18	45°36'49
	6697 May 02 07:55	0° \mathfrak{B}			6699 Oct 08 18:51	0° \mathfrak{A}	
morning set	6697 May 20 21:37	23° \mathfrak{B} 13'39		greatest brilliancy	6699 Oct 16 18:17	3° \mathfrak{A} 31'39	-4.7m
	6697 May 26 07:45	0° Π		retrograde	6699 Oct 26 07:07	5° \mathfrak{A} 10'52	
	6697 Jun 19 09:30	0° \mathfrak{E}			6699 Nov 11 20:10	30° \mathfrak{M}	
				evening set	6699 Nov 12 21:20	29° \mathbb{M} 23'15	
superior conj	6697 Jun 28 21:16	11° \mathfrak{E} 47'17	-0°26'49	inferior conj	6699 Nov 16 15:22	27° \mathbb{M} 05'14	-7°46'17
minimum elong	6697 Jun 29 03:19	12° \mathfrak{E} 06'02	0°26'35	minimum elong	6699 Nov 16 23:30	26° \mathbb{M} 52'33	7°45'10
max. Earth dist.	6697 Jul 02 05:13	15° \mathfrak{E} 55'16	1.72527 AU	min. Earth dist.	6699 Nov 17 10:44	26° \mathbb{M} 35'01	0.28642 AU
asc. node	6697 Jul 10 03:34	25° \mathfrak{E} 45'05		morning rise	6699 Nov 21 01:19	24° \mathbb{M} 22'44	
	6697 Jul 13 13:56	0° Ω		direct	6699 Dec 08 00:35	18° \mathbb{M} 50'13	
evening rise	6697 Aug 05 18:44	28° Ω 38'47		greatest brilliancy	6699 Dec 19 05:16	21° \mathbb{M} 07'52	-4.8m
	6697 Aug 06 21:06	0° \mathbb{M}		asc. node	6699 Dec 25 23:03	24° \mathbb{M} 23'08	
	6697 Aug 31 07:05	0° $\underline{\mathfrak{A}}$			6700 Jan 03 11:48	0° \mathfrak{A}	
	6697 Sep 24 20:39	0° \mathbb{M}		morning max el	6700 Jan 27 03:18	21° \mathfrak{A} 00'57	46°32'19
	6697 Oct 19 15:19	0° \mathfrak{A}			6700 Feb 04 20:22	0° \mathfrak{Z}	
desc. node	6697 Oct 29 20:04	12° \mathfrak{A} 15'06			6700 Mar 03 19:20	0° \approx	
	6697 Nov 13 16:51	0° \mathfrak{Z}			6700 Mar 29 05:06	0° \mathfrak{H}	
	6697 Dec 09 03:56	0° \approx		desc. node	6700 Apr 16 15:35	22° \mathfrak{H} 18'57	
	6698 Jan 04 07:40	0° \mathfrak{H}			6700 Apr 22 22:42	0° \mathfrak{Y}	
	6698 Feb 01 05:17	0° \mathfrak{Y}			6700 May 17 08:45	0° \mathfrak{B}	
evening max el	6698 Feb 01 21:06	0° \mathfrak{Y} 39'54	46°57'34		6700 Jun 10 16:01	0° Π	
asc. node	6698 Feb 19 20:41	17° \mathfrak{Y} 24'55			6700 Jul 04 23:15	0° \mathfrak{E}	
	6698 Mar 10 06:47	0° \mathfrak{B}			6700 Jul 29 07:21	0° Ω	
greatest brilliancy	6698 Mar 14 12:26	1° \mathfrak{B} 47'50	-4.9m	morning set	6700 Aug 01 05:19	3° Ω 35'30	
retrograde	6698 Mar 24 10:03	3° \mathfrak{B} 39'19		asc. node	6700 Aug 07 15:30	11° Ω 30'19	
	6698 Apr 06 22:05	30° \mathfrak{B} 39'19			6700 Aug 22 15:59	0° \mathbb{M}	
evening set	6698 Apr 11 11:09	27° \mathfrak{Y} 25'38					
inferior conj	6698 Apr 14 02:35	25° \mathfrak{Y} 48'14	9°08'15	superior conj	6700 Sep 07 09:32	19° \mathbb{M} 22'32	1°05'11
minimum elong	6698 Apr 14 01:13	25° \mathfrak{Y} 50'21	9°08'13	minimum elong	6700 Sep 07 00:23	18° \mathbb{M} 54'22	1°04'54
min. Earth dist.	6698 Apr 13 19:14	25° \mathfrak{Y} 59'36	0.27125 AU	max. Earth dist.	6700 Sep 07 08:22	19° \mathbb{M} 18'57	1.73372 AU
morning rise	6698 Apr 16 15:21	24° \mathfrak{Y} 15'01			6700 Sep 16 00:33	0° $\underline{\mathfrak{A}}$	
direct	6698 May 04 17:23	18° \mathfrak{Y} 02'01			6700 Oct 10 09:07	0° \mathbb{M}	
greatest brilliancy	6698 May 14 02:31	19° \mathfrak{Y} 41'21	-4.9m	evening rise	6700 Oct 13 14:24	3° \mathbb{M} 57'51	
	6698 Jun 01 03:46	0° \mathfrak{B}			6700 Nov 03 18:21	0° \mathfrak{A}	
desc. node	6698 Jun 11 13:16	8° \mathfrak{B} 33'41		desc. node	6700 Nov 27 07:52	28° \mathfrak{A} 55'30	
morning max el	6698 Jun 23 15:39	19° \mathfrak{B} 56'20	46°28'27		6700 Nov 28 04:55	0° \mathfrak{Z}	
	6698 Jul 03 13:23	0° Π			6700 Dec 22 16:58	0° \approx	
	6698 Jul 31 02:07	0° \mathfrak{E}			6701 Jan 16 06:59	0° \mathfrak{H}	
	6698 Aug 26 05:50	0° Ω			6701 Feb 10 01:31	0° \mathfrak{Y}	
	6698 Sep 20 17:24	0° \mathbb{M}			6701 Mar 07 07:50	0° \mathfrak{B}	
asc. node	6698 Oct 02 13:30	14° \mathbb{M} 08'06		asc. node	6701 Mar 20 08:16	14° \mathfrak{B} 59'53	
	6698 Oct 15 17:48	0° $\underline{\mathfrak{A}}$			6701 Apr 02 20:03	0° Π	

evening max el	6701 Apr 16 08:19	14° Π 10'53	46°53'33	superior conj	6703 Nov 15 08:08	24° \mathbb{M} 53'09	1°17'54
	6701 May 03 05:45	0° \mathfrak{D}		minimum elong	6703 Nov 15 15:26	25° \mathbb{M} 15'44	1°17'48
greatest brilliancy	6701 May 26 05:00	14° \mathfrak{D} 51'29	-4.8m		6703 Nov 19 11:18	0° \mathfrak{Z}	
retrograde	6701 Jun 05 19:24	16° \mathfrak{D} 58'04			6703 Dec 13 16:13	0° \mathfrak{Z}	
evening set	6701 Jun 21 05:33	12° \mathfrak{D} 17'18		evening rise	6703 Dec 23 05:26	11° \mathfrak{Z} 51'10	
inferior conj	6701 Jun 26 21:31	8° \mathfrak{D} 53'16	3°12'21	desc. node	6703 Dec 25 19:48	15° \mathfrak{Z} 04'48	
minimum elong	6701 Jun 27 04:24	8° \mathfrak{D} 42'35	3°10'16		6704 Jan 06 20:01	0° \approx	
min. Earth dist.	6701 Jun 26 16:45	9° \mathfrak{D} 00'40	0.27850 AU		6704 Jan 30 22:54	0° \mathfrak{H}	
morning rise	6701 Jul 03 03:43	5° \mathfrak{D} 10'30			6704 Feb 24 01:39	0° \mathfrak{Y}	
desc. node	6701 Jul 10 01:04	2° \mathfrak{D} 09'52			6704 Mar 19 06:37	0° \mathfrak{B}	
direct	6701 Jul 17 21:24	0° \mathfrak{D} 55'24			6704 Apr 12 18:11	0° Π	
greatest brilliancy	6701 Jul 27 18:43	2° \mathfrak{D} 42'40	-4.8m	asc. node	6704 Apr 16 19:59	4° Π 56'16	
	6701 Sep 03 18:46	0° Ω			6704 May 07 19:29	0° \mathfrak{D}	
morning max el	6701 Sep 04 20:11	1° Ω 00'29	45°47'30		6704 Jun 02 23:57	0° Ω	
	6701 Oct 02 22:55	0° \mathfrak{N}		evening max el	6704 Jun 26 14:29	24° Ω 50'36	46°03'22
	6701 Oct 29 15:26	0° \mathfrak{L}			6704 Jul 01 22:56	0° \mathfrak{N}	
asc. node	6701 Oct 31 01:23	1° \mathfrak{L} 38'00		greatest brilliancy	6704 Aug 03 22:36	23° \mathfrak{N} 39'34	-4.8m
	6701 Nov 24 03:57	0° \mathbb{M}		desc. node	6704 Aug 06 12:58	24° \mathfrak{N} 32'53	
	6701 Dec 18 23:50	0° \mathfrak{Z}		retrograde	6704 Aug 14 23:16	25° \mathfrak{N} 51'38	
	6702 Jan 12 09:28	0° \mathfrak{Z}		evening set	6704 Aug 31 02:30	20° \mathfrak{N} 51'30	
	6702 Feb 05 12:50	0° \approx		inferior conj	6704 Sep 05 11:35	17° \mathfrak{N} 34'21	-6°22'59
desc. node	6702 Feb 19 17:35	17° \approx 44'52		minimum elong	6704 Sep 05 01:43	17° \mathfrak{N} 49'52	6°21'02
	6702 Mar 01 12:16	0° \mathfrak{H}		min. Earth dist.	6704 Sep 04 23:01	17° \mathfrak{N} 54'08	0.28985 AU
morning set	6702 Mar 04 03:42	3° \mathfrak{H} 18'56		morning rise	6704 Sep 10 01:13	14° \mathfrak{N} 46'06	
	6702 Mar 25 09:23	0° \mathfrak{Y}		direct	6704 Sep 27 00:32	9° \mathfrak{N} 20'41	
				greatest brilliancy	6704 Oct 06 23:34	11° \mathfrak{N} 08'08	-4.7m
superior conj	6702 Apr 14 05:44	24° \mathfrak{Y} 57'42	-1°27'11		6704 Nov 04 17:25	0° \mathfrak{L}	
minimum elong	6702 Apr 14 03:42	24° \mathfrak{Y} 51'20	1°27'13	morning max el	6704 Nov 14 21:04	9° \mathfrak{L} 22'29	45°48'36
max. Earth dist.	6702 Apr 15 20:19	26° \mathfrak{Y} 58'59	1.71253 AU	asc. node	6704 Nov 27 13:21	22° \mathfrak{L} 08'55	
	6702 Apr 18 05:54	0° \mathfrak{B}			6704 Dec 04 22:40	0° \mathbb{M}	
	6702 May 12 03:44	0° Π			6704 Dec 31 14:16	0° \mathfrak{Z}	
evening rise	6702 May 24 17:35	15° Π 43'18			6705 Jan 25 21:09	0° \mathfrak{Z}	
	6702 Jun 05 04:44	0° \mathfrak{D}			6705 Feb 19 11:54	0° \approx	
asc. node	6702 Jun 12 17:42	9° \mathfrak{D} 21'49			6705 Mar 15 18:01	0° \mathfrak{H}	
	6702 Jun 29 10:16	0° Ω		desc. node	6705 Mar 19 05:31	4° \mathfrak{H} 19'39	
	6702 Jul 23 21:33	0° \mathfrak{N}			6705 Apr 08 19:26	0° \mathfrak{Y}	
	6702 Aug 17 16:33	0° \mathfrak{L}			6705 May 02 18:52	0° \mathfrak{B}	
	6702 Sep 11 23:00	0° \mathbb{M}		morning set	6705 May 19 10:35	20° \mathfrak{B} 50'22	
desc. node	6702 Oct 02 10:14	23° \mathbb{M} 40'50			6705 May 26 18:33	0° Π	
	6702 Oct 07 23:59	0° \mathfrak{Z}			6705 Jun 19 20:12	0° \mathfrak{D}	
	6702 Nov 04 11:29	0° \mathfrak{Z}					
evening max el	6702 Nov 19 16:09	15° \mathfrak{Z} 20'12	46°07'15	superior conj	6705 Jun 27 12:00	9° \mathfrak{D} 30'52	-0°30'11
	6702 Dec 06 00:14	0° \approx		minimum elong	6705 Jun 27 18:44	9° \mathfrak{D} 51'48	0°29'56
greatest brilliancy	6702 Dec 29 07:27	14° \approx 19'57	-4.8m	max. Earth dist.	6705 Jun 30 21:49	13° \mathfrak{D} 44'42	1.72481 AU
retrograde	6703 Jan 08 00:39	16° \approx 04'14		asc. node	6705 Jul 10 05:37	25° \mathfrak{D} 18'20	
evening set	6703 Jan 22 09:16	12° \approx 00'42			6705 Jul 14 00:37	0° Ω	
asc. node	6703 Jan 23 10:55	11° \approx 25'49		evening rise	6705 Aug 04 11:39	26° Ω 29'58	
inferior conj	6703 Jan 28 16:35	8° \approx 19'16	1°20'43		6705 Aug 07 07:50	0° \mathfrak{N}	
minimum elong	6703 Jan 28 13:30	8° \approx 24'01	1°19'47		6705 Aug 31 17:56	0° \mathfrak{L}	
min. Earth dist.	6703 Jan 28 22:21	8° \approx 10'26	0.27004 AU		6705 Sep 25 07:47	0° \mathbb{M}	
morning rise	6703 Feb 03 17:22	4° \approx 46'19			6705 Oct 20 02:57	0° \mathfrak{Z}	
direct	6703 Feb 18 10:59	0° \approx 29'21		desc. node	6705 Oct 29 22:03	11° \mathfrak{Z} 45'16	
greatest brilliancy	6703 Feb 28 19:46	2° \approx 31'38	-4.9m		6705 Nov 14 05:21	0° \mathfrak{Z}	
	6703 Apr 06 11:27	0° \mathfrak{H}			6705 Dec 09 17:49	0° \approx	
morning max el	6703 Apr 10 01:15	3° \mathfrak{H} 33'51	46°59'21		6706 Jan 05 00:08	0° \mathfrak{H}	
	6703 May 04 16:32	0° \mathfrak{Y}		evening max el	6706 Jan 31 09:33	28° \mathfrak{H} 12'47	46°56'29
desc. node	6703 May 15 03:31	11° \mathfrak{Y} 52'34			6706 Feb 02 04:27	0° \mathfrak{Y}	
	6703 May 30 17:36	0° \mathfrak{B}		asc. node	6706 Feb 19 22:40	16° \mathfrak{Y} 15'20	
	6703 Jun 24 23:37	0° Π		greatest brilliancy	6706 Mar 13 02:18	29° \mathfrak{Y} 22'27	-4.9m
	6703 Jul 19 21:44	0° \mathfrak{D}			6706 Mar 14 23:51	0° \mathfrak{B}	
	6703 Aug 13 16:06	0° Ω		retrograde	6706 Mar 22 22:48	1° \mathfrak{B} 13'24	
asc. node	6703 Sep 05 03:27	27° Ω 20'58			6706 Mar 30 16:01	30° \mathfrak{B} 13'24	
	6703 Sep 07 07:35	0° \mathfrak{N}		evening set	6706 Apr 09 22:09	25° \mathfrak{Y} 03'10	
	6703 Oct 01 19:49	0° \mathfrak{L}		inferior conj	6706 Apr 12 15:35	23° \mathfrak{Y} 22'54	9°06'31
morning set	6703 Oct 09 19:08	9° \mathfrak{L} 47'40		minimum elong	6706 Apr 12 13:13	23° \mathfrak{Y} 26'34	9°06'25
	6703 Oct 26 04:49	0° \mathbb{M}		min. Earth dist.	6706 Apr 12 08:09	23° \mathfrak{Y} 34'23	0.27100 AU
max. Earth dist.	6703 Nov 13 06:45	22° \mathbb{M} 20'24	1.72934 AU	morning rise	6706 Apr 15 04:20	21° \mathfrak{Y} 49'45	

direct	6706 May 03 05:25	15°  36'46			6708 Oct 09 19:56	0° 	
greatest brilliancy	6706 May 12 15:42	17°  16'51	-4.9m	evening rise	6708 Oct 11 08:20	1°  52'02	
	6706 Jun 02 18:57	0° 			6708 Nov 03 05:23	0° 	
desc. node	6706 Jun 11 15:21	7°  33'09		desc. node	6708 Nov 26 09:57	28°  27'10	
morning max el	6706 Jun 22 04:34	17°  33'03	46°30'12		6708 Nov 27 16:15	0° 	
	6706 Jul 04 08:44	0° 			6708 Dec 22 04:45	0° 	
	6706 Jul 31 17:03	0° 			6709 Jan 15 19:23	0° 	
	6706 Aug 26 18:50	0° 			6709 Feb 09 14:51	0° 	
	6706 Sep 21 05:23	0° 			6709 Mar 06 22:52	0° 	
asc. node	6706 Oct 02 15:22	13°  38'46		asc. node	6709 Mar 19 10:11	14°  18'54	
	6706 Oct 16 05:11	0° 			6709 Apr 02 14:51	0° 	
	6706 Nov 09 20:22	0° 		evening max el	6709 Apr 13 23:50	11°  52'40	46°54'53
	6706 Dec 04 05:01	0° 			6709 May 03 15:50	0° 	
morning set	6706 Dec 17 21:12	16°  56'42		greatest brilliancy	6709 May 23 20:27	12°  33'18	-4.9m
	6706 Dec 28 09:14	0° 		retrograde	6709 Jun 03 11:04	14°  39'43	
	6707 Jan 21 10:28	0° 		evening set	6709 Jun 18 22:36	9°  56'00	
desc. node	6707 Jan 22 07:39	1°  06'12		inferior conj	6709 Jun 24 12:05	6°  35'18	3°33'06
max. Earth dist.	6707 Jan 22 21:52	1°  50'38	1.71731 AU	minimum elong	6709 Jun 24 19:37	6°  23'37	3°30'53
				min. Earth dist.	6709 Jun 24 07:26	6°  42'32	0.27813 AU
superior conj	6707 Jan 25 18:46	5°  26'03	-0°08'25	morning rise	6709 Jun 30 17:10	2°  54'27	
minimum elong	6707 Jan 25 16:40	5°  19'30	0°08'16		6709 Jul 07 06:34	30° 	
behind sun begin	6707 Jan 24 18:45	4°  10'57		desc. node	6709 Jul 09 03:04	29°  27'17	
behind sun end	6707 Jan 26 14:35	6°  28'04		direct	6709 Jul 15 12:06	28°  38'07	
	6707 Feb 14 09:30	0° 			6709 Jul 24 01:44	0° 	
evening rise	6707 Mar 07 00:10	25°  52'12		greatest brilliancy	6709 Jul 25 08:05	0°  24'45	-4.8m
	6707 Mar 10 07:06	0° 		morning max el	6709 Sep 02 11:57	28°  48'44	45°48'24
	6707 Apr 03 04:51	0° 			6709 Sep 03 17:37	0° 	
	6707 Apr 27 05:13	0° 			6709 Oct 02 14:42	0° 	
asc. node	6707 May 15 07:53	22°  26'31			6709 Oct 29 04:47	0° 	
	6707 May 21 11:10	0° 		asc. node	6709 Oct 30 03:30	1°  05'44	
	6707 Jun 15 02:01	0° 			6709 Nov 23 16:11	0° 	
	6707 Jul 10 06:45	0° 			6709 Dec 18 11:31	0° 	
	6707 Aug 05 11:45	0° 			6710 Jan 11 20:52	0° 	
	6707 Sep 02 22:10	0° 			6710 Feb 05 00:05	0° 	
desc. node	6707 Sep 04 00:34	1°  04'31		desc. node	6710 Feb 18 19:32	17°  15'52	
evening max el	6707 Sep 06 05:17	3°  11'53	45°36'44		6710 Feb 28 23:25	0° 	
	6707 Oct 11 22:12	0° 		morning set	6710 Mar 01 14:17	0° 	46'36
greatest brilliancy	6707 Oct 15 07:48	1°  18'15	-4.7m		6710 Mar 24 20:31	0° 	
retrograde	6707 Oct 24 22:47	2°  59'09					
	6707 Nov 06 06:47	30° 		superior conj	6710 Apr 11 16:27	22°  25'34	-1°26'46
evening set	6707 Nov 11 15:02	27°  07'17		minimum elong	6710 Apr 11 13:20	22°  15'48	1°26'47
inferior conj	6707 Nov 15 06:58	24°  15'24	-7°54'35	max. Earth dist.	6710 Apr 13 05:07	24°  20'53	1.71234 AU
minimum elong	6707 Nov 15 14:35	24°  40'31	7°53'38		6710 Apr 17 17:00	0° 	
min. Earth dist.	6707 Nov 16 01:21	24°  23'42	0.28698 AU		6710 May 11 14:51	0° 	
morning rise	6707 Nov 19 13:50	22°  14'38		evening rise	6710 May 22 05:21	13°  15'32	
direct	6707 Dec 06 16:48	16°  36'43			6710 Jun 04 15:52	0° 	
greatest brilliancy	6707 Dec 17 20:47	18°  15'42	-4.8m	asc. node	6710 Jun 11 19:46	8°  53'36	
asc. node	6707 Dec 26 01:04	22°  15'10			6710 Jun 28 21:31	0° 	
	6708 Jan 05 02:20	0° 			6710 Jul 23 09:03	0° 	
morning max el	6708 Jan 25 19:32	18°  46'19	46°30'42		6710 Aug 17 04:30	0° 	
	6708 Feb 05 15:27	0° 			6710 Sep 11 11:51	0° 	
	6708 Mar 03 10:22	0° 		desc. node	6710 Oct 01 12:16	23° 	06'27
	6708 Mar 28 18:27	0° 			6710 Oct 07 14:38	0° 	
desc. node	6708 Apr 15 17:30	21°  46'20			6710 Nov 04 06:21	0° 	
	6708 Apr 22 11:07	0° 		evening max el	6710 Nov 17 06:37	13°  02'51	46°05'18
	6708 May 16 20:35	0° 			6710 Dec 06 12:36	0° 	
	6708 Jun 10 03:27	0° 		greatest brilliancy	6710 Dec 26 21:19	11°  57'35	-4.8m
	6708 Jul 04 10:22	0° 		retrograde	6711 Jan 05 13:05	13° 	40'20
	6708 Jul 28 18:14	0° 		evening set	6711 Jan 19 22:40	9° 	36'46
morning set	6708 Jul 29 22:03	1° 02'54		asc. node	6711 Jan 22 12:52	8°	09'41
asc. node	6708 Aug 06 17:26	11° 02'56		inferior conj	6711 Jan 26 05:46	5°	55'24
	6708 Aug 22 02:43	0°		minimum elong	6711 Jan 26 03:35	5°	58'46
				min. Earth dist.	6711 Jan 26 12:56	5°	44'25
superior conj	6708 Sep 05 03:26	17° 16'50	1°03'04	morning rise	6711 Feb 01 08:04	2°	19'51
minimum elong	6708 Sep 04 18:12	16° 16'50	1°02'44		6711 Feb 06 07:19	30°	
max. Earth dist.	6708 Sep 05 06:31	17° 16'50	1.73367 AU	direct	6711 Feb 16 00:33	28°	04'53
	6708 Sep 15 11:16	0°			6711 Feb 26 02:09	0°	

greatest brilliancy	6711 Feb 26 10:48	0°≈08'02	-4.9m	desc. node	6713 Oct 29 00:10	11°♂15'33	
	6711 Apr 06 11:20	0°♂			6713 Nov 13 17:57	0°♂	
morning max el	6711 Apr 07 14:06	1°♂07'20	46°59'17		6713 Dec 09 07:48	0°≈	
	6711 May 04 09:20	0°♀			6714 Jan 04 16:51	0°♂	
desc. node	6711 May 14 05:40	11°♀14'06		evening max el	6714 Jan 28 22:14	25°♂46'36	46°55'16
	6711 May 30 07:49	0°♂			6714 Feb 02 04:37	0°♀	
	6711 Jun 24 12:29	0°♂		asc. node	6714 Feb 19 00:34	15°♀03'35	
	6711 Jul 19 09:46	0°♂		greatest brilliancy	6714 Mar 10 15:23	26°♀55'51	-4.9m
	6711 Aug 13 03:36	0°♂		retrograde	6714 Mar 20 11:46	28°♀47'04	
asc. node	6711 Sep 04 05:24	26°♂52'50		evening set	6714 Apr 07 08:25	22°♀40'44	
	6711 Sep 06 18:43	0°♂		inferior conj	6714 Apr 10 04:28	20°♀56'48	9°03'37
	6711 Oct 01 06:44	0°♂		minimum elong	6714 Apr 10 01:08	21°♀01'56	9°03'26
morning set	6711 Oct 07 12:49	7°♂41'05		min. Earth dist.	6714 Apr 09 20:48	21°♀08'37	0.27084 AU
	6711 Oct 25 15:37	0°♂		morning rise	6714 Apr 12 17:55	19°♀22'46	
max. Earth dist.	6711 Nov 10 23:35	20°♂10'41	1.72967 AU	direct	6714 Apr 30 17:48	13°♀10'32	
				greatest brilliancy	6714 May 10 04:47	14°♀51'25	-4.9m
superior conj	6711 Nov 13 01:25	22°♂44'45	1°19'13		6714 Jun 03 06:39	0°♂	
minimum elong	6711 Nov 13 08:12	23°♂05'45	1°19'08	desc. node	6714 Jun 10 17:19	6°♂33'01	
	6711 Nov 18 22:07	0°♂		morning max el	6714 Jun 19 18:26	15°♂11'21	46°31'53
	6711 Dec 13 03:08	0°♂			6714 Jul 04 03:49	0°♂	
evening rise	6711 Dec 20 20:25	9°♂34'33			6714 Jul 31 07:57	0°♂	
desc. node	6711 Dec 24 21:50	14°♂36'51			6714 Aug 26 07:52	0°♂	
	6712 Jan 06 07:09	0°≈			6714 Sep 20 17:22	0°♂	
	6712 Jan 30 10:17	0°♂		asc. node	6714 Oct 01 17:27	13°♂10'01	
	6712 Feb 23 13:21	0°♀			6714 Oct 15 16:33	0°♂	
	6712 Mar 18 18:43	0°♂			6714 Nov 09 07:23	0°♂	
	6712 Apr 12 06:56	0°♂			6714 Dec 03 15:52	0°♂	
asc. node	6712 Apr 15 22:04	4°♂23'36		morning set	6714 Dec 15 12:53	14°♂42'50	
	6712 May 07 09:26	0°♂			6714 Dec 27 20:02	0°♂	
	6712 Jun 02 16:32	0°♂		max. Earth dist.	6715 Jan 20 13:06	29°♂34'25	1.71770 AU
evening max el	6712 Jun 24 05:11	22°♂34'16	46°05'01		6715 Jan 20 21:17	0°≈	
	6712 Jul 01 23:58	0°♂		desc. node	6715 Jan 21 09:36	0°≈38'30	
greatest brilliancy	6712 Aug 01 15:12	21°♂29'18	-4.8m				
desc. node	6712 Aug 05 14:54	22°♂46'00		superior conj	6715 Jan 23 07:37	3°≈02'20	-0°04'41
retrograde	6712 Aug 12 15:11	23°♂41'16		minimum elong	6715 Jan 23 06:28	2°≈58'43	0°04'34
evening set	6712 Aug 28 16:05	18°♂45'10		behind sun begin	6715 Jan 22 06:10	1°≈42'47	
min. Earth dist.	6712 Sep 02 15:16	15°♂44'13	0.28952 AU	behind sun end	6715 Jan 24 06:45	4°≈14'40	
inferior conj	6712 Sep 03 03:52	15°♂24'23	-6°09'28		6715 Feb 13 20:22	0°♂	
minimum elong	6712 Sep 02 17:58	15°♂39'58	6°07'25	evening rise	6715 Mar 04 11:52	23°♂24'00	
morning rise	6712 Sep 07 20:05	12°♂32'12			6715 Mar 09 18:03	0°♀	
direct	6712 Sep 24 15:55	7°♂11'10			6715 Apr 02 15:56	0°♂	
greatest brilliancy	6712 Oct 04 15:27	8°♂58'31	-4.7m		6715 Apr 26 16:31	0°♂	
	6712 Nov 04 20:06	0°♂		asc. node	6715 May 14 09:54	21°♂57'15	
morning max el	6712 Nov 12 11:23	7°♂07'41	45°47'52		6715 May 20 22:47	0°♂	
asc. node	6712 Nov 26 15:20	21°♂26'43			6715 Jun 14 14:10	0°♂	
	6712 Dec 04 15:19	0°♂			6715 Jul 09 19:54	0°♂	
	6712 Dec 31 04:03	0°♂			6715 Aug 05 03:04	0°♂	
	6713 Jan 25 09:41	0°♂			6715 Sep 02 19:38	0°♂	
	6713 Feb 18 23:50	0°≈		desc. node	6715 Sep 03 02:36	0°♂16'50	
	6713 Mar 15 05:37	0°♂		evening max el	6715 Sep 03 21:00	1°♂01'03	45°36'51
desc. node	6713 Mar 18 07:33	3°♂49'58		greatest brilliancy	6715 Oct 12 21:13	29°♂05'04	-4.7m
	6713 Apr 08 06:49	0°♀			6715 Oct 16 01:47	0°♂	
	6713 May 02 06:04	0°♂		retrograde	6715 Oct 22 14:29	0°♂47'29	
morning set	6713 May 16 22:52	18°♂23'59			6715 Oct 28 21:54	30°♂♂	
	6713 May 26 05:35	0°♂		evening set	6715 Nov 09 08:37	24°♂51'47	
	6713 Jun 19 07:08	0°♂		inferior conj	6715 Nov 12 22:30	22°♂39'48	-8°02'23
				minimum elong	6715 Nov 13 05:34	22°♂28'46	8°01'33
superior conj	6713 Jun 25 02:14	7°♂12'13	-0°33'33	min. Earth dist.	6715 Nov 13 15:41	22°♂12'58	0.28747 AU
minimum elong	6713 Jun 25 09:39	7°♂35'15	0°33'15	morning rise	6715 Nov 17 02:16	20°♂06'40	
max. Earth dist.	6713 Jun 28 12:06	11°♂26'19	1.72431 AU	direct	6715 Dec 04 09:16	14°♂23'42	
asc. node	6713 Jul 09 07:30	24°♂50'28		greatest brilliancy	6715 Dec 15 11:41	16°♂39'51	-4.8m
	6713 Jul 13 11:30	0°♂		asc. node	6715 Dec 25 03:01	21°♂38'09	
evening rise	6713 Aug 02 04:20	24°♂19'55			6716 Jan 05 12:57	0°♂	
	6713 Aug 06 18:44	0°♂		morning max el	6716 Jan 23 11:53	16°♂32'45	46°29'13
	6713 Aug 31 04:58	0°♂			6716 Feb 05 09:48	0°♂	
	6713 Sep 24 19:05	0°♂			6716 Mar 03 00:56	0°≈	
	6713 Oct 19 14:44	0°♂			6716 Mar 28 07:23	0°♂	

desc. node	6716 Apr 14 19:39	21° X 15'25			6718 Nov 04 01:26	0° Z	
	6716 Apr 21 23:11	0° Y		evening max el	6718 Nov 14 20:05	10° Z 44'01	46°03'31
	6716 May 16 08:08	0° B			6718 Dec 07 04:37	0° \approx	
	6716 Jun 09 14:40	0° II		greatest brilliancy	6718 Dec 24 11:25	9° \approx 36'34	-4.8m
	6716 Jul 03 21:19	0° D		retrograde	6719 Jan 03 01:10	11° \approx 17'47	
morning set	6716 Jul 27 14:20	29° D 14'53		evening set	6719 Jan 17 12:13	7° \approx 13'33	
	6716 Jul 28 04:59	0° Ω		asc. node	6719 Jan 21 14:52	4° \approx 52'22	
asc. node	6716 Aug 05 19:26	10° Ω 36'07		inferior conj	6719 Jan 23 18:58	3° \approx 32'47	0°33'27
	6716 Aug 21 13:20	0° P		minimum elong	6719 Jan 23 17:41	3° \approx 34'46	0°33'05
				min. Earth dist.	6719 Jan 24 03:44	3° \approx 19'18	0.27073 AU
superior conj	6716 Sep 02 20:49	15° P 09'56	1°00'48	morning rise	6719 Jan 29 22:33	29° Z 54'58	
minimum elong	6716 Sep 02 11:32	14° P 41'20	1°00'28		6719 Jan 29 18:51	30° R Z	
max. Earth dist.	6716 Sep 03 04:36	15° P 33'53	1.73357 AU	direct	6719 Feb 13 13:43	25° Z 41'24	
	6716 Sep 14 21:50	0° D		greatest brilliancy	6719 Feb 24 02:23	27° Z 46'18	-4.9m
evening rise	6716 Oct 09 01:54	29° D 45'36			6719 Mar 01 00:56	0° \approx	
	6716 Oct 09 06:35	0° M		morning max el	6719 Apr 05 02:47	28° \approx 41'30	46°59'19
	6716 Nov 02 16:13	0° X			6719 Apr 06 09:44	0° X	
desc. node	6716 Nov 25 11:54	27° X 59'05			6719 May 04 01:23	0° Y	
	6716 Nov 27 03:24	0° Z		desc. node	6719 May 13 07:33	10° Y 36'29	
	6716 Dec 21 16:19	0° \approx			6719 May 29 21:25	0° B	
	6717 Jan 15 07:34	0° X			6719 Jun 24 00:47	0° II	
	6717 Feb 09 03:58	0° Y			6719 Jul 18 21:17	0° D	
	6717 Mar 06 13:41	0° B			6719 Aug 12 14:37	0° Ω	
asc. node	6717 Mar 18 12:20	13° B 39'24		asc. node	6719 Sep 03 07:27	26° Ω 26'19	
	6717 Apr 02 09:38	0° II			6719 Sep 06 05:26	0° P	
evening max el	6717 Apr 11 15:25	9° II 35'56	46°56'03		6719 Sep 30 17:17	0° D	
	6717 May 04 04:39	0° D		morning set	6719 Oct 05 06:12	5° D 34'40	
greatest brilliancy	6717 May 21 12:06	10° D 16'35	-4.9m		6719 Oct 25 02:06	0° M	
retrograde	6717 Jun 01 02:23	12° D 22'09		max. Earth dist.	6719 Nov 08 16:19	18° M 01'39	1.73002 AU
evening set	6717 Jun 16 15:47	7° D 35'32					
inferior conj	6717 Jun 22 02:38	4° D 18'12	3°53'35	superior conj	6719 Nov 10 18:24	20° M 36'27	1°20'26
minimum elong	6717 Jun 22 10:46	4° D 05'36	3°51'13	minimum elong	6719 Nov 11 00:38	20° M 55'42	1°20'21
min. Earth dist.	6717 Jun 21 22:11	4° D 25'07	0.27783 AU		6719 Nov 18 08:37	0° X	
morning rise	6717 Jun 28 06:19	0° D 39'17			6719 Dec 12 13:45	0° Z	
	6717 Jun 29 12:14	30° R II		evening rise	6719 Dec 18 11:06	7° Z 18'12	
desc. node	6717 Jul 08 05:02	26° II 50'42		desc. node	6719 Dec 23 23:43	14° Z 09'28	
direct	6717 Jul 13 02:48	26° II 21'43			6720 Jan 05 17:57	0° \approx	
greatest brilliancy	6717 Jul 22 21:30	28° II 07'25	-4.8m		6720 Jan 29 21:21	0° X	
	6717 Jul 27 11:12	0° D			6720 Feb 23 00:43	0° Y	
morning max el	6717 Aug 31 03:05	26° D 35'53	45°49'09		6720 Mar 18 06:30	0° B	
	6717 Sep 03 15:18	0° Ω			6720 Apr 11 19:23	0° II	
	6717 Oct 02 06:03	0° P		asc. node	6720 Apr 15 00:03	3° II 51'37	
	6717 Oct 28 17:48	0° D			6720 May 06 23:07	0° D	
asc. node	6717 Oct 29 05:30	0° D 33'56			6720 Jun 02 08:58	0° Ω	
	6717 Nov 23 04:05	0° M		evening max el	6720 Jun 21 19:42	20° Ω 18'51	46°06'50
	6717 Dec 17 22:51	0° X			6720 Jul 02 01:43	0° P	
	6718 Jan 11 07:55	0° Z		greatest brilliancy	6720 Jul 30 07:11	19° P 19'42	-4.8m
	6718 Feb 04 10:57	0° \approx		desc. node	6720 Aug 04 16:55	20° P 56'43	
desc. node	6718 Feb 17 21:32	16° \approx 48'11		retrograde	6720 Aug 10 07:19	21° P 32'33	
morning set	6718 Feb 27 00:57	28° \approx 15'41		evening set	6720 Aug 26 05:47	16° P 39'53	
	6718 Feb 28 10:13	0° X		inferior conj	6720 Aug 31 20:11	13° P 15'47	-5°55'19
	6718 Mar 24 07:16	0° Y		minimum elong	6720 Aug 31 10:18	13° P 31'18	5°53'12
				min. Earth dist.	6720 Aug 31 07:25	13° P 35'51	0.28923 AU
superior conj	6718 Apr 09 03:27	19° Y 55'33	-1°26'11	morning rise	6720 Sep 05 15:02	10° P 19'52	
minimum elong	6718 Apr 08 23:16	19° Y 42'25	1°26'10	direct	6720 Sep 22 07:22	5° P 02'49	
max. Earth dist.	6718 Apr 10 12:17	21° Y 38'50	1.71212 AU	greatest brilliancy	6720 Oct 02 07:38	6° P 50'33	-4.7m
	6718 Apr 17 03:43	0° B			6720 Nov 04 20:55	0° D	
	6718 May 11 01:31	0° II		morning max el	6720 Nov 10 02:30	4° D 55'51	45°47'01
evening rise	6718 May 19 17:18	10° II 49'37		asc. node	6720 Nov 25 17:15	20° D 45'36	
	6718 Jun 04 02:34	0° D			6720 Dec 04 07:23	0° M	
asc. node	6718 Jun 10 21:40	8° D 26'11			6720 Dec 30 17:28	0° X	
	6718 Jun 28 08:20	0° Ω			6721 Jan 24 21:56	0° Z	
	6718 Jul 22 20:10	0° P			6721 Feb 18 11:29	0° \approx	
	6718 Aug 16 16:09	0° D			6721 Mar 14 16:55	0° X	
	6718 Sep 11 00:29	0° M		desc. node	6721 Mar 17 09:36	3° X 21'19	
desc. node	6718 Sep 30 14:21	22° M 32'51			6721 Apr 07 17:52	0° Y	
	6718 Oct 07 05:10	0° X			6721 May 01 16:56	0° B	

morning set	6721 May 14 11:02	15°♄58'05		inferior conj	6723 Nov 10 14:17	20°♌28'22	-8°09'15
	6721 May 25 16:19	0°♈		minimum elong	6723 Nov 10 20:46	20°♌18'14	8°08'33
	6721 Jun 18 17:46	0°♊		min. Earth dist.	6723 Nov 11 06:12	20°♌03'30	0.28794 AU
superior conj	6721 Jun 22 16:33	4°♊54'36	-0°36'51	morning rise	6723 Nov 14 15:05	17°♌59'29	
minimum elong	6721 Jun 23 00:36	5°♊19'37	0°36'32	direct	6723 Dec 02 02:03	12°♌12'02	
max. Earth dist.	6721 Jun 26 00:59	9°♊04'26	1.72379 AU	greatest brilliancy	6723 Dec 13 02:25	14°♌26'19	-4.8m
asc. node	6721 Jul 08 09:33	24°♊23'59		asc. node	6723 Dec 24 05:02	20°♌20'19	
	6721 Jul 12 22:05	0°♈		morning max el	6724 Jan 05 20:32	0°♈	
evening rise	6721 Jul 30 21:11	22°♈11'22			6724 Jan 21 03:29	14°♈17'34	46°27'22
	6721 Aug 06 05:19	0°♈			6724 Feb 05 03:43	0°♈	
	6721 Aug 30 15:40	0°♈			6724 Mar 02 15:27	0°♈	
	6721 Sep 24 06:06	0°♈		desc. node	6724 Mar 27 20:25	0°♈	
	6721 Oct 19 02:19	0°♈			6724 Apr 13 21:33	20°♈43'16	
desc. node	6721 Oct 28 02:04	10°♈45'52			6724 Apr 21 11:23	0°♈	
	6721 Nov 13 06:26	0°♈			6724 May 15 19:48	0°♈	
	6721 Dec 08 21:49	0°♈			6724 Jun 09 01:57	0°♈	
	6722 Jan 04 09:49	0°♈		morning set	6724 Jul 03 08:19	0°♈	
evening max el	6722 Jan 26 11:53	23°♈23'16	46°54'08		6724 Jul 25 06:37	27°♈03'51	
	6722 Feb 02 05:55	0°♈		asc. node	6724 Jul 27 15:46	0°♈	
asc. node	6722 Feb 18 02:42	13°♈50'22			6724 Aug 04 21:28	10°♈09'15	
greatest brilliancy	6722 Mar 08 03:48	24°♈28'45	-4.9m		6724 Aug 21 00:00	0°♈	
retrograde	6722 Mar 18 01:09	26°♈20'54		superior conj	6724 Aug 31 14:21	13°♈03'15	0°58'28
evening set	6722 Apr 04 18:05	20°♈19'06		minimum elong	6724 Aug 31 05:06	12°♈34'43	0°58'07
inferior conj	6722 Apr 07 17:14	18°♈30'45	8°59'38	max. Earth dist.	6724 Sep 01 02:00	13°♈39'07	1.73343 AU
minimum elong	6722 Apr 07 12:59	18°♈37'18	8°59'22		6724 Sep 14 08:29	0°♈	
min. Earth dist.	6722 Apr 07 08:58	18°♈43'27	0.27064 AU	evening rise	6724 Oct 06 19:44	27°♈39'48	
morning rise	6722 Apr 10 07:55	16°♈55'06			6724 Oct 08 17:18	0°♈	
direct	6722 Apr 28 06:37	10°♈44'37			6724 Nov 02 03:08	0°♈	
greatest brilliancy	6722 May 07 17:09	12°♈25'39	-4.9m	desc. node	6724 Nov 24 13:53	27°♈30'55	
	6722 Jun 03 15:02	0°♈			6724 Nov 26 14:37	0°♈	
desc. node	6722 Jun 09 19:18	5°♈34'55			6724 Dec 21 04:00	0°♈	
morning max el	6722 Jun 17 08:57	12°♈51'53	46°33'32		6725 Jan 14 19:56	0°♈	
	6722 Jul 03 22:09	0°♈			6725 Feb 08 17:24	0°♈	
	6722 Jul 30 22:27	0°♈			6725 Mar 06 05:00	0°♈	
	6722 Aug 25 20:35	0°♈		asc. node	6725 Mar 17 14:15	12°♈57'46	
	6722 Sep 20 05:05	0°♈			6725 Apr 02 05:26	0°♈	
asc. node	6722 Sep 30 19:27	12°♈41'42		evening max el	6725 Apr 09 06:19	7°♈16'03	46°57'04
	6722 Oct 15 03:41	0°♈			6725 May 04 22:44	0°♈	
	6722 Nov 08 18:12	0°♈		greatest brilliancy	6725 May 19 04:17	7°♈58'49	-4.9m
	6722 Dec 03 02:35	0°♈		retrograde	6725 May 29 16:57	10°♈02'42	
morning set	6722 Dec 13 04:36	12°♈29'29		evening set	6725 Jun 14 08:54	5°♈13'13	
	6722 Dec 27 06:45	0°♈		inferior conj	6725 Jun 19 17:00	1°♈59'35	4°13'46
max. Earth dist.	6723 Jan 18 02:14	27°♈11'48	1.71813 AU	minimum elong	6725 Jun 20 01:40	1°♈46'08	4°11'17
desc. node	6723 Jan 20 11:41	0°♈11'15		min. Earth dist.	6725 Jun 19 13:05	2°♈05'41	0.27748 AU
	6723 Jan 20 08:05	0°♈			6725 Jun 22 22:59	30°♈	
superior conj	6723 Jan 20 20:13	0°♈37'57	-0°00'53	morning rise	6725 Jun 25 18:59	28°♈22'42	
minimum elong	6723 Jan 20 20:01	0°♈37'19	0°00'49	desc. node	6725 Jul 07 07:05	24°♈17'42	
behind sun begin	6723 Jan 19 19:04	29°♈19'21		direct	6725 Jul 10 16:54	24°♈03'48	
behind sun end	6723 Jan 21 20:58	1°♈55'18		greatest brilliancy	6725 Jul 20 11:07	25°♈48'58	-4.8m
	6723 Feb 13 07:13	0°♈			6725 Jul 29 10:13	0°♈	
evening rise	6723 Mar 01 23:07	20°♈54'22		morning max el	6725 Aug 28 17:07	24°♈19'31	45°50'05
	6723 Mar 09 05:00	0°♈			6725 Sep 03 12:29	0°♈	
	6723 Apr 02 03:01	0°♈			6725 Oct 01 21:23	0°♈	
	6723 Apr 26 03:47	0°♈		asc. node	6725 Oct 28 07:21	0°♈01'15	
asc. node	6723 May 13 11:48	21°♈27'49			6725 Oct 28 06:55	0°♈	
	6723 May 20 10:22	0°♈			6725 Nov 22 16:09	0°♈	
	6723 Jun 14 02:17	0°♈			6725 Dec 17 10:21	0°♈	
	6723 Jul 09 09:04	0°♈			6726 Jan 10 19:06	0°♈	
	6723 Aug 04 18:31	0°♈		desc. node	6726 Feb 03 22:01	0°♈	
evening max el	6723 Sep 01 13:18	28°♈51'58	45°37'02	morning set	6726 Feb 16 23:35	16°♈20'02	
desc. node	6723 Sep 02 04:42	29°♈28'51			6726 Feb 24 11:52	25°♈44'51	
	6723 Sep 02 17:47	0°♈			6726 Feb 27 21:15	0°♈	
greatest brilliancy	6723 Oct 10 11:10	26°♈53'25	-4.7m		6726 Mar 23 18:17	0°♈	
retrograde	6723 Oct 20 06:03	28°♈36'48		superior conj	6726 Apr 06 14:17	17°♈24'04	-1°25'24
evening set	6723 Nov 07 02:17	22°♈37'53		minimum elong	6726 Apr 06 09:05	17°♈07'43	1°25'23

max. Earth dist.	6726 Apr 07 15:44	18° Υ 44'03	1.71199 AU	minimum elong	6728 Aug 29 02:30	11° Π 20'27	5°38'21
	6726 Apr 16 14:45	0° \mathcal{B}		morning rise	6728 Sep 03 09:48	8° Π 05'39	
	6726 May 10 12:34	0° Π		direct	6728 Sep 19 22:53	2° Π 52'28	
evening rise	6726 May 17 04:39	8° Π 20'33		greatest brilliancy	6728 Sep 29 23:22	4° Π 40'33	-4.7m
	6726 Jun 03 13:40	0° \mathcal{E}			6728 Nov 04 21:03	0° \mathcal{E}	
asc. node	6726 Jun 09 23:41	7° \mathcal{E} 58'00		morning max el	6728 Nov 07 18:16	2° \mathcal{E} 44'31	45°46'18
	6726 Jun 27 19:33	0° Ω		asc. node	6728 Nov 24 19:22	20° \mathcal{E} 04'29	
	6726 Jul 22 07:39	0° Π			6728 Dec 03 23:32	0° Π	
	6726 Aug 16 04:11	0° \mathcal{E}			6728 Dec 30 07:05	0° \mathcal{X}	
	6726 Sep 10 13:31	0° Π			6729 Jan 24 10:26	0° \mathcal{Z}	
desc. node	6726 Sep 29 16:14	21° Π 57'33			6729 Feb 17 23:24	0° \approx	
	6726 Oct 06 20:13	0° \mathcal{X}			6729 Mar 14 04:28	0° \mathcal{H}	
	6726 Nov 03 21:23	0° \mathcal{Z}		desc. node	6729 Mar 16 11:30	2° \mathcal{H} 51'21	
evening max el	6726 Nov 12 09:08	8° \mathcal{Z} 23'39	46°01'54		6729 Apr 07 05:11	0° Υ	
	6726 Dec 08 02:24	0° \approx			6729 May 01 04:03	0° \mathcal{B}	
greatest brilliancy	6726 Dec 22 01:37	7° \approx 15'40	-4.8m	morning set	6729 May 11 23:26	13° \mathcal{B} 32'03	
retrograde	6726 Dec 31 13:46	8° \approx 55'56			6729 May 25 03:19	0° Π	
evening set	6727 Jan 15 02:16	4° \approx 50'19			6729 Jun 18 04:43	0° \mathcal{E}	
asc. node	6727 Jan 20 16:54	1° \approx 34'29					
inferior conj	6727 Jan 21 08:29	1° \approx 10'35	0°10'00	superior conj	6729 Jun 20 06:48	2° \mathcal{E} 35'46	-0°40'05
minimum elong	6727 Jan 21 08:05	1° \approx 11'11	0°09'56	minimum elong	6729 Jun 20 15:27	3° \mathcal{E} 02'39	0°39'46
transit middle	6727 Jan 21 08:05	1° \approx 11'11	0°09'56	max. Earth dist.	6729 Jun 23 15:10	6° \mathcal{E} 45'32	1.72336 AU
transit begin	6727 Jan 21 04:50	1° \approx 16'11		asc. node	6729 Jul 07 11:36	23° \mathcal{E} 56'33	
transit end	6727 Jan 21 11:21	1° \approx 06'10			6729 Jul 12 09:00	0° Ω	
min. Earth dist.	6727 Jan 21 18:47	0° \approx 54'45	0.27113 AU	evening rise	6729 Jul 28 13:49	20° Ω 01'02	
	6727 Jan 23 06:33	30° \mathcal{K} \mathcal{Z}			6729 Aug 05 16:17	0° Π	
morning rise	6727 Jan 27 13:12	27° \mathcal{Z} 31'01			6729 Aug 30 02:46	0° \mathcal{E}	
direct	6727 Feb 11 03:07	23° \mathcal{Z} 18'11			6729 Sep 23 17:30	0° Π	
greatest brilliancy	6727 Feb 21 18:25	25° \mathcal{Z} 25'19	-4.9m		6729 Oct 18 14:16	0° \mathcal{X}	
	6727 Mar 02 19:27	0° \approx		desc. node	6729 Oct 27 04:03	10° \mathcal{X} 15'18	
morning max el	6727 Apr 02 16:01	26° \approx 16'27	46°59'07		6729 Nov 12 19:19	0° \mathcal{Z}	
	6727 Apr 06 07:31	0° \mathcal{H}			6729 Dec 08 12:17	0° \approx	
	6727 May 03 17:29	0° Υ			6730 Jan 04 03:26	0° \mathcal{H}	
desc. node	6727 May 12 09:32	9° Υ 58'27		evening max el	6730 Jan 24 02:22	21° \mathcal{H} 01'21	46°52'54
	6727 May 29 11:18	0° \mathcal{B}			6730 Feb 02 08:59	0° Υ	
	6727 Jun 23 13:29	0° Π		asc. node	6730 Feb 17 04:39	12° Υ 33'43	
	6727 Jul 18 09:14	0° \mathcal{E}		greatest brilliancy	6730 Mar 05 15:57	22° Υ 00'45	-4.9m
	6727 Aug 12 02:04	0° Ω		retrograde	6730 Mar 15 14:46	23° Υ 53'51	
asc. node	6727 Sep 02 09:26	25° Ω 58'19		evening set	6730 Apr 02 03:24	17° Υ 57'25	
	6727 Sep 05 16:32	0° Π		inferior conj	6730 Apr 05 05:59	16° Υ 03'58	8°54'39
	6727 Sep 30 04:11	0° \mathcal{E}		minimum elong	6730 Apr 05 00:50	16° Υ 11'53	8°54'15
morning set	6727 Oct 02 23:28	3° \mathcal{E} 26'47		min. Earth dist.	6730 Apr 04 20:56	16° Υ 17'52	0.27041 AU
	6727 Oct 24 12:55	0° Π		morning rise	6730 Apr 07 22:21	14° Υ 25'57	
max. Earth dist.	6727 Nov 06 11:03	15° Π 57'44	1.73035 AU	direct	6730 Apr 25 19:48	8° Υ 18'14	
				greatest brilliancy	6730 May 05 05:04	9° Υ 58'42	-4.9m
superior conj	6727 Nov 08 11:28	18° Π 27'22	1°21'30		6730 Jun 03 21:15	0° \mathcal{B}	
minimum elong	6727 Nov 08 17:06	18° Π 44'47	1°21'28	desc. node	6730 Jun 08 21:22	4° \mathcal{B} 37'46	
	6727 Nov 17 19:28	0° \mathcal{X}		morning max el	6730 Jun 14 23:21	10° \mathcal{B} 31'34	46°35'06
	6727 Dec 12 00:44	0° \mathcal{Z}			6730 Jul 03 16:15	0° Π	
evening rise	6727 Dec 16 02:09	5° \mathcal{Z} 01'55			6730 Jul 30 13:00	0° \mathcal{E}	
desc. node	6727 Dec 23 01:49	13° \mathcal{Z} 41'43			6730 Aug 25 09:28	0° Ω	
	6728 Jan 05 05:06	0° \approx			6730 Sep 19 17:03	0° Π	
	6728 Jan 29 08:44	0° \mathcal{H}		asc. node	6730 Sep 29 21:20	12° Π 12'13	
	6728 Feb 22 12:23	0° Υ			6730 Oct 14 15:05	0° \mathcal{E}	
	6728 Mar 17 18:36	0° \mathcal{B}			6730 Nov 08 05:18	0° Π	
	6728 Apr 11 08:13	0° Π			6730 Dec 02 13:32	0° \mathcal{X}	
asc. node	6728 Apr 14 01:58	3° Π 18'24		morning set	6730 Dec 10 20:16	10° \mathcal{X} 15'26	
	6728 May 06 13:19	0° \mathcal{E}			6730 Dec 26 17:41	0° \mathcal{Z}	
	6728 Jun 02 02:13	0° Ω		max. Earth dist.	6731 Jan 15 14:03	24° \mathcal{Z} 44'39	1.71854 AU
evening max el	6728 Jun 19 10:38	18° Ω 02'59	46°08'33				
	6728 Jul 02 05:46	0° Π		superior conj	6731 Jan 18 08:59	28° \mathcal{Z} 13'38	0°02'56
greatest brilliancy	6728 Jul 27 22:38	17° Π 07'31	-4.8m	minimum elong	6731 Jan 18 09:43	28° \mathcal{Z} 15'55	0°02'56
desc. node	6728 Aug 03 18:58	19° Π 01'18		behind sun begin	6731 Jan 17 09:05	26° \mathcal{Z} 58'59	
retrograde	6728 Aug 07 23:52	19° Π 21'48		behind sun end	6731 Jan 19 10:20	29° \mathcal{Z} 32'52	
evening set	6728 Aug 23 19:25	14° Π 32'20		desc. node	6731 Jan 19 13:39	29° \mathcal{Z} 43'10	
min. Earth dist.	6728 Aug 28 23:08	11° Π 25'42	0.28890 AU		6731 Jan 19 19:02	0° \approx	
inferior conj	6728 Aug 29 12:18	11° Π 05'05	-5°40'31		6731 Feb 12 18:15	0° \mathcal{H}	

evening rise	6731 Feb 27 10:33	18° Υ 24'44		6733 Sep 03 08:48	0° Ω	
	6731 Mar 08 16:08	0° Υ		6733 Oct 01 12:22	0° Υ	
	6731 Apr 01 14:17	0° \mathcal{B}	asc. node	6733 Oct 27 09:29	29° Υ 29'52	
	6731 Apr 25 15:15	0° Π		6733 Oct 27 19:49	0° \mathcal{B}	
asc. node	6731 May 12 13:52	20° Π 58'22		6733 Nov 22 04:04	0° \mathcal{M}	
	6731 May 19 22:06	0° \mathcal{B}		6733 Dec 16 21:46	0° \mathcal{X}	
	6731 Jun 13 14:34	0° Ω		6734 Jan 10 06:16	0° \mathcal{Z}	
	6731 Jul 08 22:27	0° Υ		6734 Feb 03 09:02	0° \approx	
	6731 Aug 04 10:22	0° \mathcal{B}	desc. node	6734 Feb 16 01:30	15° \approx 51'37	
evening max el	6731 Aug 30 05:02	26° \mathcal{B} 40'49	45°37'01	6734 Feb 21 22:37	23° \approx 13'41	
desc. node	6731 Sep 01 06:34	28° \mathcal{B} 38'47		6734 Feb 27 08:11	0° \mathcal{X}	
	6731 Sep 02 17:11	0° \mathcal{M}		6734 Mar 23 05:12	0° Υ	
greatest brilliancy	6731 Oct 08 01:41	24° \mathcal{M} 41'30	-4.7m			
retrograde	6731 Oct 17 21:06	26° \mathcal{M} 25'11		superior conj	6734 Apr 04 00:59	14° Υ 52'34 -1°24'27
evening set	6731 Nov 04 19:40	20° \mathcal{M} 23'33		minimum elong	6734 Apr 03 18:48	14° Υ 33'09 1°24'24
inferior conj	6731 Nov 08 06:02	18° \mathcal{M} 16'13	-8°15'21	max. Earth dist.	6734 Apr 04 17:59	15° Υ 46'02 1.71188 AU
minimum elong	6731 Nov 08 11:52	18° \mathcal{M} 07'04	8°14'48		6734 Apr 16 01:38	0° \mathcal{B}
min. Earth dist.	6731 Nov 08 20:55	17° \mathcal{M} 52'54	0.28838 AU		6734 May 09 23:27	0° Π
morning rise	6731 Nov 12 03:56	15° \mathcal{M} 51'22		evening rise	6734 May 14 15:56	5° Π 51'47
direct	6731 Nov 29 18:26	9° \mathcal{M} 59'41			6734 Jun 03 00:36	0° \mathcal{B}
greatest brilliancy	6731 Dec 10 17:20	12° \mathcal{M} 12'15	-4.8m	asc. node	6734 Jun 09 01:44	7° \mathcal{B} 30'20
asc. node	6731 Dec 23 07:04	19° \mathcal{M} 04'06			6734 Jun 27 06:38	0° Ω
	6732 Jan 06 02:08	0° \mathcal{X}			6734 Jul 21 19:01	0° Υ
morning max el	6732 Jan 18 18:04	11° \mathcal{X} 59'19	46°25'39		6734 Aug 15 16:05	0° \mathcal{B}
	6732 Feb 04 21:23	0° \mathcal{Z}			6734 Sep 10 02:25	0° \mathcal{M}
	6732 Mar 02 05:53	0° \approx		desc. node	6734 Sep 28 18:17	21° \mathcal{M} 23'08
	6732 Mar 27 09:24	0° \mathcal{X}			6734 Oct 06 11:13	0° \mathcal{X}
desc. node	6732 Apr 12 23:30	20° \mathcal{X} 11'16			6734 Nov 03 17:46	0° \mathcal{Z}
	6732 Apr 20 23:35	0° Υ		evening max el	6734 Nov 09 22:00	6° \mathcal{Z} 03'35 46°00'12
	6732 May 15 07:30	0° \mathcal{B}			6734 Dec 09 08:15	0° \approx
	6732 Jun 08 13:18	0° Π		greatest brilliancy	6734 Dec 19 15:00	4° \approx 54'01 -4.8m
	6732 Jul 02 19:22	0° \mathcal{B}		retrograde	6734 Dec 29 02:37	6° \approx 34'03
morning set	6732 Jul 22 23:02	24° \mathcal{B} 53'02		evening set	6735 Jan 12 16:16	2° \approx 26'30
	6732 Jul 27 02:35	0° Ω			6735 Jan 16 22:33	30° \mathcal{R} \mathcal{Z}
asc. node	6732 Aug 03 23:23	9° Ω 41'57		inferior conj	6735 Jan 18 21:44	28° \mathcal{Z} 48'02 -0°13'32
	6732 Aug 20 10:42	0° Υ		minimum elong	6735 Jan 18 22:15	28° \mathcal{Z} 47'14 0°13'19
				transit middle	6735 Jan 18 22:15	28° \mathcal{Z} 47'14 0°13'19
superior conj	6732 Aug 29 07:59	10° Υ 56'49	0°56'04	transit begin	6735 Jan 18 19:49	28° \mathcal{Z} 50'58
minimum elong	6732 Aug 28 22:48	10° Υ 28'33	0°55'42	transit end	6735 Jan 19 00:41	28° \mathcal{Z} 43'30
max. Earth dist.	6732 Aug 29 22:34	11° Υ 41'43	1.73330 AU	min. Earth dist.	6735 Jan 19 09:21	28° \mathcal{Z} 30'13 0.27159 AU
	6732 Sep 13 19:11	0° \mathcal{B}		asc. node	6735 Jan 19 18:51	28° \mathcal{Z} 15'38
evening rise	6732 Oct 04 13:36	25° \mathcal{B} 33'56		morning rise	6735 Jan 25 03:28	25° \mathcal{Z} 07'13
	6732 Oct 08 04:06	0° \mathcal{M}		direct	6735 Feb 08 16:37	20° \mathcal{Z} 54'31
	6732 Nov 01 14:08	0° \mathcal{X}		greatest brilliancy	6735 Feb 19 10:02	23° \mathcal{Z} 03'49 -4.9m
desc. node	6732 Nov 23 15:57	27° \mathcal{X} 02'42			6735 Mar 04 00:47	0° \approx
	6732 Nov 26 01:56	0° \mathcal{Z}		morning max el	6735 Mar 31 06:04	23° \approx 53'44 46°59'02
	6732 Dec 20 15:48	0° \approx			6735 Apr 06 04:27	0° \mathcal{X}
	6733 Jan 14 08:24	0° \mathcal{X}			6735 May 03 09:09	0° Υ
	6733 Feb 08 06:57	0° Υ		desc. node	6735 May 11 11:39	9° Υ 21'38
	6733 Mar 05 20:32	0° \mathcal{B}			6735 May 29 00:48	0° \mathcal{B}
asc. node	6733 Mar 16 16:12	12° \mathcal{B} 15'53			6735 Jun 23 01:49	0° Π
	6733 Apr 02 01:47	0° Π			6735 Jul 17 20:52	0° \mathcal{B}
evening max el	6733 Apr 06 20:07	4° Π 53'22	46°58'01		6735 Aug 11 13:13	0° Ω
	6733 May 05 23:10	0° \mathcal{B}		asc. node	6735 Sep 01 11:21	25° Ω 30'59
greatest brilliancy	6733 May 16 20:43	5° \mathcal{B} 41'17	-4.9m		6735 Sep 05 03:22	0° Υ
retrograde	6733 May 27 07:03	7° \mathcal{B} 43'22			6735 Sep 29 14:48	0° \mathcal{B}
evening set	6733 Jun 12 02:05	2° \mathcal{B} 50'39		morning set	6735 Sep 30 16:55	1° \mathcal{B} 20'16
	6733 Jun 16 19:13	30° \mathcal{R} Π			6735 Oct 23 23:27	0° \mathcal{M}
inferior conj	6733 Jun 17 07:22	29° Π 41'04	4°33'33	max. Earth dist.	6735 Nov 04 07:54	14° \mathcal{M} 01'13 1.73065 AU
minimum elong	6733 Jun 17 16:30	29° Π 26'51	4°31'01			
min. Earth dist.	6733 Jun 17 04:13	29° Π 45'59	0.27714 AU	superior conj	6735 Nov 06 04:45	16° \mathcal{M} 19'51 1°22'27
morning rise	6733 Jun 23 07:24	26° Π 06'30		minimum elong	6735 Nov 06 09:47	16° \mathcal{M} 35'23 1°22'26
desc. node	6733 Jul 06 09:04	21° Π 50'03			6735 Nov 17 06:01	0° \mathcal{X}
direct	6733 Jul 08 06:33	21° Π 45'48			6735 Dec 11 11:25	0° \mathcal{Z}
greatest brilliancy	6733 Jul 18 01:15	23° Π 31'05	-4.8m	evening rise	6735 Dec 13 17:24	2° \mathcal{Z} 47'15
	6733 Jul 30 17:51	0° \mathcal{B}		desc. node	6735 Dec 22 03:47	13° \mathcal{Z} 14'26
morning max el	6733 Aug 26 06:40	22° \mathcal{B} 02'06	45°51'11		6736 Jan 04 16:01	0° \approx

	6736 Jan 28 19:55	0° H		asc. node	6738 Sep 28 23:25	11° H 44'23	
	6736 Feb 21 23:54	0° Y			6738 Oct 14 02:07	0° L	
	6736 Mar 17 06:33	0° B			6738 Nov 07 16:03	0° M	
	6736 Apr 10 20:53	0° II			6738 Dec 02 00:10	0° X	
asc. node	6736 Apr 13 04:03	2° II 46'11		morning set	6738 Dec 08 12:14	8° X 03'17	
	6736 May 06 03:23	0° S			6738 Dec 26 04:17	0° Z	
	6736 Jun 01 19:30	0° Ω		max. Earth dist.	6739 Jan 13 00:48	22° Z 15'19	1.71894 AU
evening max el	6736 Jun 17 02:14	15° Ω 49'42	46°10'27				
	6736 Jul 02 11:17	0° H		superior conj	6739 Jan 15 22:16	25° Z 52'07	0°06'37
greatest brilliancy	6736 Jul 25 13:48	14° H 56'01	-4.8m	minimum elong	6739 Jan 15 23:54	25° Z 57'13	0°06'35
desc. node	6736 Aug 02 20:53	17° H 02'28		behind sun begin	6739 Jan 15 00:58	24° Z 45'35	
retrograde	6736 Aug 05 16:44	17° H 11'50		behind sun end	6739 Jan 16 22:50	27° Z 08'50	
evening set	6736 Aug 21 09:11	12° H 25'28		desc. node	6739 Jan 18 15:35	29° Z 16'03	
min. Earth dist.	6736 Aug 26 14:33	9° H 16'42	0.28856 AU		6739 Jan 19 05:39	0° \approx	
inferior conj	6736 Aug 27 04:21	8° H 55'07	-5°25'13		6739 Feb 12 04:56	0° H	
minimum elong	6736 Aug 26 18:41	9° H 10'14	5°22'59	evening rise	6739 Feb 24 22:21	15° H 57'26	
morning rise	6736 Sep 01 04:30	5° H 52'15			6739 Mar 08 02:56	0° Y	
direct	6736 Sep 17 14:50	0° H 42'58			6739 Apr 01 01:15	0° B	
greatest brilliancy	6736 Sep 27 14:32	2° H 30'50	-4.7m		6739 Apr 25 02:25	0° II	
	6736 Nov 04 19:40	0° L		asc. node	6739 May 11 15:52	20° II 29'27	
morning max el	6736 Nov 05 10:30	0° L 35'32	45°45'39		6739 May 19 09:37	0° S	
asc. node	6736 Nov 23 21:18	19° L 24'24			6739 Jun 13 02:40	0° Ω	
	6736 Dec 03 15:00	0° M			6739 Jul 08 11:43	0° H	
	6736 Dec 29 20:12	0° X			6739 Aug 04 02:14	0° L	
	6737 Jan 23 22:31	0° Z		evening max el	6739 Aug 27 19:52	24° L 28'20	45°37'13
	6737 Feb 17 10:57	0° \approx		desc. node	6739 Aug 31 08:38	27° L 49'10	
	6737 Mar 13 15:43	0° H			6739 Sep 02 17:19	0° M	
desc. node	6737 Mar 15 13:31	2° H 22'38		greatest brilliancy	6739 Oct 05 16:47	22° M 31'21	-4.7m
	6737 Apr 06 16:13	0° Y		retrograde	6739 Oct 15 12:02	24° M 15'05	
	6737 Apr 30 14:56	0° B		evening set	6739 Nov 02 12:56	18° M 10'59	
morning set	6737 May 09 11:18	11° B 05'01		inferior conj	6739 Nov 05 21:56	16° M 05'32	-8°20'46
	6737 May 24 14:04	0° II		minimum elong	6739 Nov 06 03:05	15° M 57'28	8°20'20
				min. Earth dist.	6739 Nov 06 12:03	15° M 43'24	0.28880 AU
superior conj	6737 Jun 17 20:33	0° S 16'10	-0°43'19	morning rise	6739 Nov 09 17:04	13° M 44'32	
minimum elong	6737 Jun 18 05:45	0° S 44'47	0°42'58	direct	6739 Nov 27 10:25	7° M 48'38	
	6737 Jun 17 15:21	0° S		greatest brilliancy	6739 Dec 08 08:54	10° M 00'07	-4.8m
max. Earth dist.	6737 Jun 21 07:07	4° S 32'57	1.72287 AU	asc. node	6739 Dec 22 08:59	17° M 50'53	
asc. node	6737 Jul 06 13:28	23° S 29'31			6740 Jan 06 05:26	0° X	
	6737 Jul 11 19:35	0° Ω		morning max el	6740 Jan 16 08:07	9° X 40'43	46°24'04
evening rise	6737 Jul 26 06:13	17° Ω 50'54			6740 Feb 04 14:19	0° Z	
	6737 Aug 05 02:54	0° H			6740 Mar 01 19:50	0° \approx	
	6737 Aug 29 13:33	0° L			6740 Mar 26 21:59	0° H	
	6737 Sep 23 04:37	0° M		desc. node	6740 Apr 12 01:37	19° H 40'48	
	6737 Oct 18 01:57	0° X			6740 Apr 20 11:25	0° Y	
desc. node	6737 Oct 26 06:09	9° X 46'02			6740 May 14 18:53	0° B	
	6737 Nov 12 07:55	0° Z			6740 Jun 08 00:21	0° II	
	6737 Dec 08 02:30	0° \approx			6740 Jul 02 06:10	0° S	
	6738 Jan 03 20:59	0° H		morning set	6740 Jul 20 15:10	22° S 41'53	
evening max el	6738 Jan 21 16:59	18° H 41'02	46°51'27		6740 Jul 26 13:13	0° Ω	
	6738 Feb 02 13:13	0° Y		asc. node	6740 Aug 03 01:24	9° Ω 15'30	
asc. node	6738 Feb 16 06:34	11° Y 15'35			6740 Aug 19 21:13	0° H	
greatest brilliancy	6738 Mar 03 04:13	19° Y 33'51	-4.9m				
retrograde	6738 Mar 13 04:01	21° Y 27'16		superior conj	6740 Aug 27 01:23	8° H 50'17	0°53'33
evening set	6738 Mar 30 12:18	15° Y 36'57		minimum elong	6740 Aug 26 16:19	8° H 22'23	0°53'10
inferior conj	6738 Apr 02 18:39	13° Y 37'46	8°48'40	max. Earth dist.	6740 Aug 27 16:54	9° H 38'05	1.73312 AU
minimum elong	6738 Apr 02 12:38	13° Y 47'01	8°48'07		6740 Sep 13 05:40	0° L	
min. Earth dist.	6738 Apr 02 08:59	13° Y 52'38	0.27021 AU	evening rise	6740 Oct 02 07:21	23° L 28'26	
morning rise	6738 Apr 05 13:04	11° Y 56'40			6740 Oct 07 14:41	0° M	
direct	6738 Apr 23 09:03	5° Y 52'33			6740 Nov 01 00:56	0° X	
greatest brilliancy	6738 May 02 17:08	7° Y 32'14	-4.9m	desc. node	6740 Nov 22 17:53	26° X 34'43	
	6738 Jun 04 01:16	0° B			6740 Nov 25 13:05	0° Z	
desc. node	6738 Jun 07 23:19	3° B 42'01			6740 Dec 20 03:26	0° \approx	
morning max el	6738 Jun 12 12:54	8° B 09'33	46°36'36		6741 Jan 13 20:46	0° H	
	6738 Jul 03 09:42	0° II			6741 Feb 07 20:25	0° Y	
	6738 Jul 30 03:07	0° S			6741 Mar 05 12:02	0° B	
	6738 Aug 24 21:57	0° Ω		asc. node	6741 Mar 15 18:20	11° B 34'45	
	6738 Sep 19 04:36	0° H			6741 Apr 01 22:28	0° II	

evening max el	6741 Apr 04 09:07	2° Π 29'26	46°59'01	morning set	6743 Sep 28 10:32	29° Π 14'00	
	6741 May 07 08:46	0° \mathfrak{G}			6743 Sep 29 01:30	0° \mathfrak{L}	
greatest brilliancy	6741 May 14 13:01	3° \mathfrak{G} 24'31	-4.9m		6743 Oct 23 10:06	0° \mathfrak{M}	
retrograde	6741 May 24 21:22	5° \mathfrak{G} 25'18		max. Earth dist.	6743 Nov 02 04:38	12° \mathfrak{M} 03'59	1.73094 AU
evening set	6741 Jun 09 19:28	0° \mathfrak{G} 28'49					
	6741 Jun 10 15:24	30° \mathfrak{R} Π		superior conj	6743 Nov 03 22:08	14° \mathfrak{M} 12'10	1°23'18
inferior conj	6741 Jun 14 21:53	27° Π 23'34	4°52'51	minimum elong	6743 Nov 04 02:31	14° \mathfrak{M} 25'44	1°23'17
minimum elong	6741 Jun 15 07:27	27° Π 08'42	4°50'15		6743 Nov 16 16:44	0° \mathfrak{X}	
min. Earth dist.	6741 Jun 14 19:29	27° Π 27'19	0.27686 AU		6743 Dec 10 22:15	0° \mathfrak{Z}	
morning rise	6741 Jun 20 19:47	23° Π 51'45		evening rise	6743 Dec 11 08:41	0° \mathfrak{Z} 32'18	
desc. node	6741 Jul 05 11:02	19° Π 28'43		desc. node	6743 Dec 21 05:43	12° \mathfrak{Z} 46'35	
direct	6741 Jul 05 20:03	19° Π 28'33			6744 Jan 04 03:04	0° \approx	
greatest brilliancy	6741 Jul 15 15:52	21° Π 14'31	-4.8m		6744 Jan 28 07:14	0° \mathfrak{H}	
	6741 Jul 31 16:16	0° \mathfrak{G}			6744 Feb 21 11:34	0° \mathfrak{Y}	
morning max el	6741 Aug 23 20:49	19° \mathfrak{G} 46'21	45°52'15		6744 Mar 16 18:43	0° \mathfrak{B}	
	6741 Sep 03 04:20	0° \mathfrak{Q}			6744 Apr 10 09:52	0° Π	
	6741 Oct 01 03:03	0° \mathfrak{M}		asc. node	6744 Apr 12 06:00	2° Π 12'48	
asc. node	6741 Oct 26 11:27	28° \mathfrak{M} 58'24			6744 May 05 17:51	0° \mathfrak{G}	
	6741 Oct 27 08:33	0° \mathfrak{L}			6744 Jun 01 13:25	0° \mathfrak{Q}	
	6741 Nov 21 15:50	0° \mathfrak{M}		evening max el	6744 Jun 14 18:44	13° \mathfrak{Q} 38'01	46°12'24
	6741 Dec 16 09:02	0° \mathfrak{X}			6744 Jul 02 19:20	0° \mathfrak{M}	
	6742 Jan 09 17:16	0° \mathfrak{Z}		greatest brilliancy	6744 Jul 23 05:25	12° \mathfrak{M} 44'49	-4.8m
	6742 Feb 02 19:56	0° \approx		desc. node	6744 Aug 01 22:56	14° \mathfrak{M} 59'06	
desc. node	6742 Feb 15 03:31	15° \approx 23'53		retrograde	6744 Aug 03 09:44	15° \mathfrak{M} 01'35	
morning set	6742 Feb 19 09:34	20° \approx 43'30		evening set	6744 Aug 18 23:18	10° \mathfrak{M} 18'25	
	6742 Feb 26 19:04	0° \mathfrak{H}		min. Earth dist.	6744 Aug 24 05:59	7° \mathfrak{M} 07'43	0.28818 AU
	6742 Mar 22 16:02	0° \mathfrak{Y}		inferior conj	6744 Aug 24 20:31	6° \mathfrak{M} 44'59	-5°09'29
				minimum elong	6744 Aug 24 11:03	6° \mathfrak{M} 59'47	5°07'14
superior conj	6742 Apr 01 11:49	12° \mathfrak{Y} 21'40	-1°23'20	morning rise	6744 Aug 29 23:15	3° \mathfrak{M} 38'43	
minimum elong	6742 Apr 01 04:42	11° \mathfrak{Y} 59'16	1°23'14		6744 Sep 06 18:53	30° \mathfrak{R} \mathfrak{Q}	
max. Earth dist.	6742 Apr 01 21:02	12° \mathfrak{Y} 50'38	1.71179 AU	direct	6744 Sep 15 07:16	28° \mathfrak{Q} 33'34	
	6742 Apr 15 12:27	0° \mathfrak{B}			6744 Sep 24 04:21	0° \mathfrak{M}	
	6742 May 09 10:15	0° Π		greatest brilliancy	6744 Sep 25 05:11	0° \mathfrak{M} 20'21	-4.7m
evening rise	6742 May 12 03:27	3° Π 23'56		morning max el	6744 Nov 03 02:40	28° \mathfrak{M} 25'59	45°44'51
	6742 Jun 02 11:27	0° \mathfrak{G}			6744 Nov 04 17:35	0° \mathfrak{L}	
asc. node	6742 Jun 08 03:38	7° \mathfrak{G} 02'32		asc. node	6744 Nov 22 23:15	18° \mathfrak{L} 44'04	
	6742 Jun 26 17:38	0° \mathfrak{Q}			6744 Dec 03 06:30	0° \mathfrak{M}	
	6742 Jul 21 06:20	0° \mathfrak{M}			6744 Dec 29 09:31	0° \mathfrak{X}	
	6742 Aug 15 03:59	0° \mathfrak{L}			6745 Jan 23 10:51	0° \mathfrak{Z}	
	6742 Sep 09 15:25	0° \mathfrak{M}			6745 Feb 16 22:45	0° \approx	
desc. node	6742 Sep 27 20:20	20° \mathfrak{M} 48'24			6745 Mar 13 03:12	0° \mathfrak{H}	
	6742 Oct 06 02:29	0° \mathfrak{X}		desc. node	6745 Mar 14 15:36	1° \mathfrak{H} 53'24	
	6742 Nov 03 14:53	0° \mathfrak{Z}			6745 Apr 06 03:29	0° \mathfrak{Y}	
evening max el	6742 Nov 07 11:48	3° \mathfrak{Z} 46'02	45°58'42		6745 Apr 30 02:03	0° \mathfrak{B}	
	6742 Dec 11 03:29	0° \approx		morning set	6745 May 06 23:01	8° \mathfrak{B} 36'42	
greatest brilliancy	6742 Dec 17 04:04	2° \approx 32'40	-4.8m		6745 May 24 01:06	0° Π	
retrograde	6742 Dec 26 16:10	4° \approx 12'56					
evening set	6743 Jan 10 06:43	0° \approx 03'14		superior conj	6745 Jun 15 10:12	27° Π 55'10	-0°46'28
	6743 Jan 10 09:08	30° \mathfrak{R} \mathfrak{Z}		minimum elong	6745 Jun 15 19:53	28° Π 25'18	0°46'07
inferior conj	6743 Jan 16 11:11	26° \mathfrak{Z} 26'05	-0°36'50		6745 Jun 17 02:19	0° \mathfrak{G}	
minimum elong	6743 Jan 16 12:35	26° \mathfrak{Z} 23'55	0°36'21	max. Earth dist.	6745 Jun 18 23:39	2° \mathfrak{G} 21'00	1.72237 AU
min. Earth dist.	6743 Jan 16 23:43	26° \mathfrak{Z} 06'52	0.27207 AU	asc. node	6745 Jul 05 15:31	23° \mathfrak{G} 02'08	
asc. node	6743 Jan 18 20:50	24° \mathfrak{Z} 58'09			6745 Jul 11 06:30	0° \mathfrak{Q}	
morning rise	6743 Jan 22 17:44	22° \mathfrak{Z} 44'25		evening rise	6745 Jul 23 22:33	15° \mathfrak{Q} 39'35	
direct	6743 Feb 06 06:49	18° \mathfrak{Z} 31'34			6745 Aug 04 13:49	0° \mathfrak{M}	
greatest brilliancy	6743 Feb 17 01:13	20° \mathfrak{Z} 42'15	-4.9m		6745 Aug 29 00:37	0° \mathfrak{L}	
	6743 Mar 04 21:59	0° \approx			6745 Sep 22 16:01	0° \mathfrak{M}	
morning max el	6743 Mar 28 21:14	21° \approx 33'52	46°58'45		6745 Oct 17 13:58	0° \mathfrak{X}	
	6743 Apr 06 00:43	0° \mathfrak{H}		desc. node	6745 Oct 25 08:03	9° \mathfrak{X} 15'14	
	6743 May 03 00:39	0° \mathfrak{Y}			6745 Nov 11 20:56	0° \mathfrak{Z}	
desc. node	6743 May 10 13:32	8° \mathfrak{Y} 44'13			6745 Dec 07 17:16	0° \approx	
	6743 May 28 14:16	0° \mathfrak{B}			6746 Jan 03 15:24	0° \mathfrak{H}	
	6743 Jun 22 14:09	0° Π		evening max el	6746 Jan 19 07:21	16° \mathfrak{H} 18'54	46°49'56
	6743 Jul 17 08:29	0° \mathfrak{G}			6746 Feb 02 20:00	0° \mathfrak{Y}	
	6743 Aug 11 00:23	0° \mathfrak{Q}		asc. node	6746 Feb 15 08:42	9° \mathfrak{Y} 54'06	
asc. node	6743 Aug 31 13:26	25° \mathfrak{Q} 04'02		greatest brilliancy	6746 Feb 28 17:12	17° \mathfrak{Y} 06'46	-4.9m
	6743 Sep 04 14:14	0° \mathfrak{M}		retrograde	6746 Mar 10 16:51	18° \mathfrak{Y} 59'38	

evening set	6746 Mar 27 21:05	13° Υ 16'04		minimum elong	6748 Aug 24 09:46	6° \mathbb{M} 14'46	0°50'34
inferior conj	6746 Mar 31 07:24	11° Υ 10'48	8°41'39	max. Earth dist.	6748 Aug 25 10:04	7° \mathbb{M} 29'36	1.73297 AU
minimum elong	6746 Mar 31 00:36	11° Υ 21'16	8°40'57		6748 Sep 12 16:34	0° $\underline{\mathbf{A}}$	
min. Earth dist.	6746 Mar 30 21:28	11° Υ 26'05	0.26999 AU	evening rise	6748 Sep 30 01:13	21° $\underline{\mathbf{A}}$ 22'05	
morning rise	6746 Apr 03 04:13	9° Υ 25'57			6748 Oct 07 01:40	0° \mathbb{M}	
direct	6746 Apr 20 21:53	3° Υ 26'06			6748 Oct 31 12:05	0° \mathcal{X}	
greatest brilliancy	6746 Apr 30 05:42	5° Υ 05'18	-4.9m	desc. node	6748 Nov 21 19:53	26° \mathcal{X} 05'55	
	6746 Jun 04 04:03	0° \mathcal{X}			6748 Nov 25 00:33	0° \mathcal{Z}	
desc. node	6746 Jun 07 01:21	2° \mathcal{X} 46'36			6748 Dec 19 15:25	0° \approx	
morning max el	6746 Jun 10 01:31	5° \mathcal{X} 44'01	46°38'00		6749 Jan 13 09:29	0° \mathcal{H}	
	6746 Jul 03 03:10	0° \mathbb{I}			6749 Feb 07 10:20	0° Υ	
	6746 Jul 29 17:28	0° \mathcal{E}			6749 Mar 05 04:12	0° \mathcal{X}	
	6746 Aug 24 10:45	0° Ω		asc. node	6749 Mar 14 20:14	10° \mathcal{X} 51'08	
	6746 Sep 18 16:30	0° \mathbb{M}			6749 Apr 01 20:30	0° \mathbb{I}	
asc. node	6746 Sep 28 01:24	11° \mathbb{M} 15'14		evening max el	6749 Apr 01 22:05	0° \mathbb{I} 03'59	46°59'55
	6746 Oct 13 13:28	0° $\underline{\mathbf{A}}$			6749 May 09 13:39	0° \mathcal{E}	
	6746 Nov 07 03:07	0° \mathbb{M}		greatest brilliancy	6749 May 12 04:41	1° \mathcal{E} 04'54	-4.9m
	6746 Dec 01 11:08	0° \mathcal{X}		retrograde	6749 May 22 11:48	3° \mathcal{E} 05'02	
morning set	6746 Dec 06 04:21	5° \mathcal{X} 50'35			6749 Jun 03 21:07	30° \mathcal{R} \mathbb{I}	
	6746 Dec 25 15:15	0° \mathcal{Z}		evening set	6749 Jun 07 12:39	28° \mathbb{I} 04'19	
max. Earth dist.	6747 Jan 10 11:35	19° \mathcal{Z} 44'55	1.71941 AU	inferior conj	6749 Jun 12 12:06	25° \mathbb{I} 03'43	5°11'49
				minimum elong	6749 Jun 12 22:02	24° \mathbb{I} 48'17	5°09'11
superior conj	6747 Jan 13 11:38	23° \mathcal{Z} 29'40	0°10'17	min. Earth dist.	6749 Jun 12 10:17	25° \mathbb{I} 06'33	0.27660 AU
minimum elong	6747 Jan 13 14:09	23° \mathcal{Z} 37'30	0°10'13	morning rise	6749 Jun 18 07:43	21° \mathbb{I} 35'13	
behind sun begin	6747 Jan 12 18:43	22° \mathcal{Z} 36'52		direct	6749 Jul 03 09:18	17° \mathbb{I} 08'51	
behind sun end	6747 Jan 14 09:34	24° \mathcal{Z} 38'09		desc. node	6749 Jul 04 13:06	17° \mathbb{I} 10'25	
desc. node	6747 Jan 17 17:41	28° \mathcal{Z} 48'12		greatest brilliancy	6749 Jul 13 06:01	18° \mathbb{I} 55'39	-4.8m
	6747 Jan 18 16:41	0° \approx			6749 Aug 01 09:36	0° \mathcal{E}	
	6747 Feb 11 16:04	0° \mathcal{H}		morning max el	6749 Aug 21 11:30	17° \mathcal{E} 30'35	45°53'26
evening rise	6747 Feb 22 09:58	13° \mathcal{H} 28'15			6749 Sep 02 23:45	0° Ω	
	6747 Mar 07 14:10	0° Υ			6749 Sep 30 17:55	0° \mathbb{M}	
	6747 Mar 31 12:38	0° \mathcal{X}		asc. node	6749 Oct 25 13:19	28° \mathbb{M} 25'49	
	6747 Apr 24 14:01	0° \mathbb{I}			6749 Oct 26 21:32	0° $\underline{\mathbf{A}}$	
asc. node	6747 May 10 17:46	19° \mathbb{I} 59'00			6749 Nov 21 03:51	0° \mathbb{M}	
	6747 May 18 21:34	0° \mathcal{E}			6749 Dec 15 20:32	0° \mathcal{X}	
	6747 Jun 12 15:17	0° Ω			6750 Jan 09 04:30	0° \mathcal{Z}	
	6747 Jul 08 01:34	0° \mathbb{M}			6750 Feb 02 07:02	0° \approx	
	6747 Aug 03 18:54	0° $\underline{\mathbf{A}}$		desc. node	6750 Feb 14 05:34	14° \approx 55'39	
evening max el	6747 Aug 25 10:09	22° $\underline{\mathbf{A}}$ 13'09	45°37'33	morning set	6750 Feb 16 20:59	18° \approx 14'12	
desc. node	6747 Aug 30 10:44	26° $\underline{\mathbf{A}}$ 57'20			6750 Feb 26 06:07	0° \mathcal{H}	
	6747 Sep 02 19:19	0° \mathbb{M}			6750 Mar 22 03:05	0° Υ	
greatest brilliancy	6747 Oct 03 07:52	20° \mathbb{M} 20'06	-4.7m				
retrograde	6747 Oct 13 03:08	22° \mathbb{M} 04'17		superior conj	6750 Mar 29 22:36	9° Υ 49'52	-1°22'02
evening set	6747 Oct 31 06:01	15° \mathbb{M} 57'55		minimum elong	6750 Mar 29 14:36	9° Υ 24'41	1°21'55
inferior conj	6747 Nov 03 13:55	13° \mathbb{M} 54'09	-8°25'24	max. Earth dist.	6750 Mar 30 03:25	10° Υ 05'00	1.71179 AU
minimum elong	6747 Nov 03 18:21	13° \mathbb{M} 47'11	8°25'03		6750 Apr 14 23:29	0° \mathcal{X}	
min. Earth dist.	6747 Nov 04 03:22	13° \mathbb{M} 33'02	0.28918 AU		6750 May 08 21:19	0° \mathbb{I}	
morning rise	6747 Nov 07 06:31	11° \mathbb{M} 36'48		evening rise	6750 May 09 14:39	0° \mathbb{I} 54'12	
direct	6747 Nov 25 02:03	5° \mathbb{M} 36'48			6750 Jun 01 22:35	0° \mathcal{E}	
greatest brilliancy	6747 Dec 06 00:52	7° \mathbb{M} 47'53	-4.8m	asc. node	6750 Jun 07 05:40	6° \mathcal{E} 34'16	
asc. node	6747 Dec 21 11:02	16° \mathbb{M} 39'06			6750 Jun 26 04:57	0° Ω	
	6748 Jan 06 07:33	0° \mathcal{X}			6750 Jul 20 17:57	0° \mathbb{M}	
morning max el	6748 Jan 13 22:17	7° \mathcal{X} 21'29	46°22'26		6750 Aug 14 16:12	0° $\underline{\mathbf{A}}$	
	6748 Feb 04 07:18	0° \mathcal{Z}			6750 Sep 09 04:47	0° \mathbb{M}	
	6748 Mar 01 10:03	0° \approx		desc. node	6750 Sep 26 22:14	20° \mathbb{M} 12'11	
	6748 Mar 26 10:57	0° \mathcal{H}			6750 Oct 05 18:14	0° \mathcal{X}	
desc. node	6748 Apr 11 03:31	19° \mathcal{H} 08'24			6750 Nov 03 13:05	0° \mathcal{Z}	
	6748 Apr 19 23:41	0° Υ		evening max el	6750 Nov 05 02:35	1° \mathcal{Z} 30'26	45°57'16
	6748 May 14 06:40	0° \mathcal{X}			6750 Dec 14 04:04	0° \approx	
	6748 Jun 07 11:47	0° \mathbb{I}		greatest brilliancy	6750 Dec 14 17:08	0° \approx 11'14	-4.8m
	6748 Jul 01 17:20	0° \mathcal{E}		retrograde	6750 Dec 24 05:55	1° \approx 51'37	
morning set	6748 Jul 18 07:00	20° \mathcal{E} 28'33			6751 Jan 02 20:42	30° \mathcal{R} \mathcal{Z}	
	6748 Jul 26 00:12	0° Ω		evening set	6751 Jan 07 21:28	27° \mathcal{Z} 39'55	
asc. node	6748 Aug 02 03:26	8° Ω 48'00		inferior conj	6751 Jan 14 00:40	24° \mathcal{Z} 04'08	-1°00'03
	6748 Aug 19 08:07	0° \mathbb{M}		minimum elong	6751 Jan 14 02:58	24° \mathcal{Z} 00'37	0°59'15
				min. Earth dist.	6751 Jan 14 13:55	23° \mathcal{Z} 43'49	0.27250 AU
superior conj	6748 Aug 24 18:40	6° \mathbb{M} 42'11	0°50'57	asc. node	6751 Jan 17 22:53	21° \mathcal{Z} 41'55	

morning rise	6751 Jan 20 07:49	20° Z 21'51		evening rise	6753 Jul 21 14:51	13° Q 28'50	
direct	6751 Feb 03 21:25	16° Z 08'57			6753 Aug 04 00:31	0° M	
greatest brilliancy	6751 Feb 14 15:48	18° Z 20'08	-4.9m		6753 Aug 28 11:30	0° A	
	6751 Mar 05 13:41	0° \approx			6753 Sep 22 03:16	0° M	
morning max el	6751 Mar 26 12:24	19° \approx 14'15	46°58'21		6753 Oct 17 01:49	0° Z	
	6751 Apr 05 20:20	0° H		desc. node	6753 Oct 24 10:04	8° Z 45'14	
	6751 May 02 15:54	0° Y			6753 Nov 11 09:50	0° Z	
desc. node	6751 May 09 15:33	8° Y 07'26			6753 Dec 07 07:59	0° \approx	
	6751 May 28 03:39	0° B			6754 Jan 03 10:02	0° H	
	6751 Jun 22 02:31	0° II		evening max el	6754 Jan 16 20:44	13° H 55'01	46°48'21
	6751 Jul 16 20:12	0° G			6754 Feb 03 04:59	0° Y	
	6751 Aug 10 11:39	0° Q		asc. node	6754 Feb 14 10:38	8° Y 30'10	
asc. node	6751 Aug 30 15:22	24° Q 36'20		greatest brilliancy	6754 Feb 26 06:48	14° Y 41'01	-4.9m
	6751 Sep 04 01:12	0° M		retrograde	6754 Mar 08 05:16	16° Y 32'46	
morning set	6751 Sep 26 03:49	27° M 06'33		evening set	6754 Mar 25 05:37	10° Y 56'19	
	6751 Sep 28 12:16	0° A		inferior conj	6754 Mar 28 20:08	8° Y 44'46	8°33'36
	6751 Oct 22 20:48	0° M		minimum elong	6754 Mar 28 12:34	8° Y 56'25	8°32'43
max. Earth dist.	6751 Oct 31 00:29	10° M 03'54	1.73121 AU	min. Earth dist.	6754 Mar 28 10:25	8° Y 59'45	0.26974 AU
				morning rise	6754 Mar 31 19:37	6° Y 55'46	
superior conj	6751 Nov 01 15:17	12° M 03'45	1°24'01	direct	6754 Apr 18 10:02	1° Y 00'21	
minimum elong	6751 Nov 01 18:59	12° M 15'11	1°24'01	greatest brilliancy	6754 Apr 27 18:55	2° Y 39'57	-4.9m
	6751 Nov 16 03:29	0° Z			6754 Jun 04 04:55	0° B	
evening rise	6751 Dec 08 23:52	28° Z 16'55		desc. node	6754 Jun 06 03:23	1° B 53'35	
	6751 Dec 10 09:10	0° Z		morning max el	6754 Jun 07 13:35	3° B 18'11	46°39'38
desc. node	6751 Dec 20 07:48	12° Z 19'06			6754 Jul 02 19:46	0° II	
	6752 Jan 03 14:10	0° \approx			6754 Jul 29 07:12	0° G	
	6752 Jan 27 18:33	0° H			6754 Aug 23 23:02	0° Q	
	6752 Feb 20 23:11	0° Y			6754 Sep 18 03:58	0° M	
	6752 Mar 16 06:48	0° B		asc. node	6754 Sep 27 03:18	10° M 46'57	
	6752 Apr 09 22:46	0° II			6754 Oct 13 00:28	0° A	
asc. node	6752 Apr 11 07:57	1° II 39'42			6754 Nov 06 13:52	0° M	
	6752 May 05 08:19	0° G			6754 Nov 30 21:46	0° Z	
	6752 Jun 01 07:40	0° Q		morning set	6754 Dec 03 20:20	3° Z 38'28	
evening max el	6752 Jun 12 11:13	11° Q 26'19	46°14'04		6754 Dec 25 01:52	0° Z	
	6752 Jul 03 06:24	0° M		max. Earth dist.	6755 Jan 08 00:25	17° Z 22'01	1.71989 AU
greatest brilliancy	6752 Jul 20 21:35	10° M 33'45	-4.8m				
retrograde	6752 Aug 01 02:14	12° M 50'24		superior conj	6755 Jan 11 00:55	21° Z 08'08	0°13'57
desc. node	6752 Aug 01 00:58	12° M 50'23		minimum elong	6755 Jan 11 04:17	21° Z 18'38	0°13'50
evening set	6752 Aug 16 13:22	8° M 10'36		behind sun begin	6755 Jan 10 15:22	20° Z 38'21	
min. Earth dist.	6752 Aug 21 21:33	4° M 57'33	0.28779 AU	behind sun end	6755 Jan 11 17:11	21° Z 58'54	
inferior conj	6752 Aug 22 12:28	4° M 34'13	-4°53'01	desc. node	6755 Jan 16 19:38	28° Z 21'00	
minimum elong	6752 Aug 22 03:17	4° M 48'35	4°50'47		6755 Jan 18 03:21	0° \approx	
morning rise	6752 Aug 27 17:43	1° M 24'23			6755 Feb 11 02:50	0° H	
	6752 Aug 30 08:18	30° RQ		evening rise	6755 Feb 19 21:39	11° H 00'26	
direct	6752 Sep 12 23:25	26° Q 23'40			6755 Mar 07 01:05	0° Y	
greatest brilliancy	6752 Sep 22 19:38	28° Q 09'05	-4.7m		6755 Mar 30 23:42	0° B	
	6752 Sep 27 08:52	0° M			6755 Apr 24 01:16	0° II	
morning max el	6752 Oct 31 17:54	26° M 14'13	45°44'07	asc. node	6755 May 09 19:52	19° II 30'13	
	6752 Nov 04 14:41	0° A			6755 May 18 09:08	0° G	
asc. node	6752 Nov 22 01:21	18° A 04'47			6755 Jun 12 03:27	0° Q	
	6752 Dec 02 21:40	0° M			6755 Jul 07 15:00	0° M	
	6752 Dec 28 22:38	0° Z			6755 Aug 03 11:17	0° A	
	6753 Jan 22 22:59	0° Z		evening max el	6755 Aug 23 00:22	19° A 59'23	45°37'52
	6753 Feb 16 10:22	0° \approx		desc. node	6755 Aug 29 12:35	26° A 05'28	
	6753 Mar 12 14:29	0° H			6755 Sep 02 22:10	0° M	
desc. node	6753 Mar 13 17:28	1° H 24'05		greatest brilliancy	6755 Sep 30 22:26	18° M 09'43	-4.7m
	6753 Apr 05 14:32	0° Y		retrograde	6755 Oct 10 18:38	19° M 55'08	
	6753 Apr 29 12:55	0° B		evening set	6755 Oct 28 22:49	13° M 46'40	
morning set	6753 May 04 11:03	6° B 10'09		inferior conj	6755 Nov 01 05:58	11° M 44'12	-8°29'06
	6753 May 23 11:51	0° II		minimum elong	6755 Nov 01 09:41	11° M 38'23	8°28'52
				min. Earth dist.	6755 Nov 01 18:39	11° M 24'19	0.28959 AU
superior conj	6753 Jun 13 00:07	25° II 35'49	-0°49'31	morning rise	6755 Nov 04 20:22	9° M 30'13	
minimum elong	6753 Jun 13 10:12	26° II 07'13	0°49'10	direct	6755 Nov 22 17:47	3° M 26'14	
max. Earth dist.	6753 Jun 16 17:16	0° G 13'19	1.72189 AU	greatest brilliancy	6755 Dec 03 17:08	5° M 37'26	-4.8m
	6753 Jun 16 12:59	0° G		asc. node	6755 Dec 20 13:02	15° M 30'20	
asc. node	6753 Jul 04 17:34	22° G 35'31			6756 Jan 06 07:53	0° Z	
	6753 Jul 10 17:09	0° Q		morning max el	6756 Jan 11 13:25	5° Z 06'00	46°20'50

	6756 Feb 03 23:32	0°♁			6758 Sep 08 17:51	0°♍
	6756 Feb 29 23:44	0°♊		desc. node	6758 Sep 26 00:18	19°♍37'23
	6756 Mar 25 23:26	0°♋			6758 Oct 05 09:48	0°♌
desc. node	6756 Apr 10 05:31	18°♋37'39		evening max el	6758 Nov 02 17:54	29°♌17'32 45°55'45
	6756 Apr 19 11:29	0°♍			6758 Nov 03 11:41	0°♁
	6756 May 13 18:01	0°♎		greatest brilliancy	6758 Dec 12 06:21	27°♁51'27 -4.8m
	6756 Jun 06 22:47	0°♏		retrograde	6758 Dec 21 19:23	29°♁31'25
	6756 Jul 01 04:03	0°♐		evening set	6759 Jan 05 12:30	25°♁17'43
morning set	6756 Jul 15 23:06	18°♐17'19		inferior conj	6759 Jan 11 14:16	21°♁43'20 -1°22'57
	6756 Jul 25 10:43	0°♑		minimum elong	6759 Jan 11 17:25	21°♁38'30 1°21'54
asc. node	6756 Aug 01 05:21	8°♑21'39		min. Earth dist.	6759 Jan 12 04:14	21°♁21'52 0.27301 AU
	6756 Aug 18 18:31	0°♒		asc. node	6759 Jan 17 00:50	18°♁29'02
				morning rise	6759 Jan 17 21:43	18°♁00'27
superior conj	6756 Aug 22 12:14	4°♒36'26 0°48'18		direct	6759 Feb 01 12:12	13°♁47'30
minimum elong	6756 Aug 22 03:33	4°♒09'41 0°47'55		greatest brilliancy	6759 Feb 12 06:28	15°♁58'42 -4.9m
max. Earth dist.	6756 Aug 23 05:13	5°♒28'47 1.73280 AU			6759 Mar 06 01:12	0°♊
	6756 Sep 12 02:58	0°♋		morning max el	6759 Mar 24 03:05	16°♊53'46 46°57'46
evening rise	6756 Sep 27 19:27	19°♋18'25			6759 Apr 05 15:16	0°♋
	6756 Oct 06 12:10	0°♌			6759 May 02 06:50	0°♍
	6756 Oct 30 22:50	0°♍		desc. node	6759 May 08 17:39	7°♍31'36
desc. node	6756 Nov 20 21:57	25°♍38'28			6759 May 27 16:47	0°♎
	6756 Nov 24 11:40	0°♁			6759 Jun 21 14:39	0°♏
	6756 Dec 19 03:04	0°♊			6759 Jul 16 07:42	0°♐
	6757 Jan 12 21:56	0°♋			6759 Aug 09 22:43	0°♑
	6757 Feb 07 00:01	0°♍		asc. node	6759 Aug 29 17:19	24°♑09'18
	6757 Mar 04 20:15	0°♎			6759 Sep 03 11:57	0°♒
asc. node	6757 Mar 13 22:13	10°♎08'19		morning set	6759 Sep 23 21:22	25°♒00'33
evening max el	6757 Mar 30 11:53	27°♎41'49 47°00'47			6759 Sep 27 22:51	0°♋
	6757 Apr 01 18:58	0°♏			6759 Oct 22 07:18	0°♌
greatest brilliancy	6757 May 09 19:41	28°♏45'22 -4.9m		max. Earth dist.	6759 Oct 28 19:26	8°♌01'48 1.73141 AU
	6757 May 13 21:02	0°♐				
retrograde	6757 May 20 02:36	0°♐45'34		superior conj	6759 Oct 30 08:54	9°♌57'29 1°24'35
	6757 May 26 04:18	30°♒♏		minimum elong	6759 Oct 30 11:56	10°♌06'49 1°24'37
evening set	6757 Jun 05 05:51	25°♏40'20			6759 Nov 15 14:02	0°♍
inferior conj	6757 Jun 10 02:11	22°♏44'29 5°30'18		evening rise	6759 Dec 06 15:30	26°♍03'37
minimum elong	6757 Jun 10 12:26	22°♏28'35 5°27'40			6759 Dec 09 19:51	0°♁
min. Earth dist.	6757 Jun 10 00:38	22°♏46'53 0.27634 AU		desc. node	6759 Dec 19 09:46	11°♁51'51
morning rise	6757 Jun 15 19:18	19°♏19'48			6760 Jan 03 01:05	0°♊
direct	6757 Jun 30 22:54	14°♏49'49			6760 Jan 27 05:46	0°♋
desc. node	6757 Jul 03 15:05	14°♏58'10			6760 Feb 20 10:47	0°♍
greatest brilliancy	6757 Jul 10 19:32	16°♏37'00 -4.8m			6760 Mar 15 18:57	0°♎
	6757 Aug 01 22:00	0°♐			6760 Apr 09 11:47	0°♏
morning max el	6757 Aug 19 03:04	15°♐18'15 45°54'48		asc. node	6760 Apr 10 10:02	1°♏06'43
	6757 Sep 02 18:07	0°♑			6760 May 04 23:01	0°♐
	6757 Sep 30 08:05	0°♒			6760 Jun 01 02:25	0°♑
asc. node	6757 Oct 24 15:28	27°♒55'37		evening max el	6760 Jun 10 03:04	9°♑12'49 46°15'50
	6757 Oct 26 09:56	0°♋			6760 Jul 03 21:18	0°♒
	6757 Nov 20 15:23	0°♌		greatest brilliancy	6760 Jul 18 14:17	8°♒23'14 -4.8m
	6757 Dec 15 07:37	0°♍		retrograde	6760 Jul 29 18:15	10°♒39'06
	6758 Jan 08 15:23	0°♁		desc. node	6760 Jul 31 02:53	10°♒36'54
	6758 Feb 01 17:51	0°♊		evening set	6760 Aug 14 03:35	6°♒02'33
desc. node	6758 Feb 13 07:29	14°♊27'56		min. Earth dist.	6760 Aug 19 13:31	2°♒46'51 0.28736 AU
morning set	6758 Feb 14 08:18	15°♊45'36		inferior conj	6760 Aug 20 04:24	2°♒23'31 -4°36'13
	6758 Feb 25 16:53	0°♋		minimum elong	6760 Aug 19 19:32	2°♒37'26 4°33'59
	6758 Mar 21 13:50	0°♍			6760 Aug 24 01:40	30°♒♑
				morning rise	6760 Aug 25 12:02	29°♑10'05
superior conj	6758 Mar 27 09:05	7°♍18'03 -1°20'33		direct	6760 Sep 10 15:09	24°♑13'47
minimum elong	6758 Mar 27 00:18	6°♍50'22 1°20'24		greatest brilliancy	6760 Sep 20 10:33	25°♑58'15 -4.7m
max. Earth dist.	6758 Mar 27 12:22	7°♍28'21 1.71177 AU			6760 Sep 29 05:08	0°♒
	6758 Apr 14 10:14	0°♎		morning max el	6760 Oct 29 08:25	24°♒00'54 45°43'37
evening rise	6758 May 07 01:40	28°♎24'49			6760 Nov 04 10:57	0°♋
	6758 May 08 08:05	0°♏		asc. node	6760 Nov 21 03:18	17°♋25'45
	6758 Jun 01 09:27	0°♐			6760 Dec 02 12:32	0°♌
asc. node	6758 Jun 06 07:42	6°♐06'50			6760 Dec 28 11:32	0°♍
	6758 Jun 25 15:59	0°♑			6761 Jan 22 10:59	0°♁
	6758 Jul 20 05:18	0°♒			6761 Feb 15 21:54	0°♊
	6758 Aug 14 04:07	0°♋			6761 Mar 12 01:45	0°♋




































































































































desc. node	6761 Mar 12 19:31	0° X 55'24	greatest brilliancy	6763 Sep 28 12:15	15° M 57'10	-4.7m
	6761 Apr 05 01:38	0° Y	retrograde	6763 Oct 08 10:29	17° M 44'32	
	6761 Apr 28 23:55	0° B	evening set	6763 Oct 26 15:13	11° M 34'15	
morning set	6761 May 01 22:29	3° B 41'12	inferior conj	6763 Oct 29 21:52	9° M 32'40	-8°32'10
	6761 May 22 22:45	0° II	minimum elong	6763 Oct 30 00:49	9° M 28'03	8°32'01
			min. Earth dist.	6763 Oct 30 09:25	9° M 14'35	0.28996 AU
superior conj	6761 Jun 10 13:27	23° II 14'10	morning rise	6763 Nov 02 10:16	7° M 21'53	
minimum elong	6761 Jun 10 23:54	23° II 46'42	direct	6763 Nov 20 09:51	1° M 14'11	
max. Earth dist.	6761 Jun 14 08:23	27° II 57'18	greatest brilliancy	6763 Dec 01 08:54	3° M 25'18	-4.8m
	6761 Jun 15 23:48	0° B	asc. node	6763 Dec 19 15:00	14° M 22'08	
asc. node	6761 Jul 03 19:26	22° B 07'55		6764 Jan 06 07:31	0° X	
	6761 Jul 10 03:55	0° Q	morning max el	6764 Jan 09 05:23	2° X 51'41	46°19'20
evening rise	6761 Jul 19 06:37	11° Q 15'57		6764 Feb 03 15:49	0° B	
	6761 Aug 03 11:21	0° M		6764 Feb 29 13:34	0° B	
	6761 Aug 27 22:32	0° B		6764 Mar 25 12:05	0° X	
	6761 Sep 21 14:40	0° M	desc. node	6764 Apr 09 07:35	18° X 06'32	
	6761 Oct 16 13:50	0° X		6764 Apr 18 23:29	0° Y	
desc. node	6761 Oct 23 12:08	8° X 14'57		6764 May 13 05:35	0° B	
	6761 Nov 10 22:53	0° B		6764 Jun 06 10:03	0° II	
	6761 Dec 06 22:55	0° B		6764 Jun 30 15:07	0° B	
	6762 Jan 03 05:10	0° X	morning set	6764 Jul 13 14:50	16° B 03'42	
evening max el	6762 Jan 14 09:20	11° X 29'24		6764 Jul 24 21:38	0° Q	
	6762 Feb 03 17:04	0° Y	asc. node	6764 Jul 31 07:22	7° Q 54'15	
asc. node	6762 Feb 13 12:35	7° Y 03'25		6764 Aug 18 05:22	0° M	
greatest brilliancy	6762 Feb 23 20:19	12° Y 15'04				
retrograde	6762 Mar 05 17:29	14° Y 05'59	superior conj	6764 Aug 20 05:14	2° M 27'32	0°45'32
evening set	6762 Mar 22 13:57	8° Y 36'23	minimum elong	6764 Aug 19 20:50	2° M 01'37	0°45'09
inferior conj	6762 Mar 26 08:54	6° Y 18'31	max. Earth dist.	6764 Aug 21 00:50	3° M 27'56	1.73264 AU
minimum elong	6762 Mar 26 00:38	6° Y 31'17		6764 Sep 11 13:49	0° B	
min. Earth dist.	6762 Mar 25 23:33	6° Y 32'56	evening rise	6764 Sep 25 13:12	17° B 12'01	
morning rise	6762 Mar 29 11:21	4° Y 25'04		6764 Oct 05 23:06	0° M	
	6762 Apr 07 13:00	30° R X		6764 Oct 30 10:00	0° X	
direct	6762 Apr 15 22:07	28° X 33'56	desc. node	6764 Nov 19 23:51	25° X 09'14	
	6762 Apr 24 14:56	0° Y		6764 Nov 23 23:13	0° B	
greatest brilliancy	6762 Apr 25 08:47	0° Y 14'45		6764 Dec 18 15:11	0° B	
	6762 Jun 04 05:00	0° B		6765 Jan 12 10:50	0° X	
morning max el	6762 Jun 05 01:59	0° B 52'01		6765 Feb 06 14:11	0° Y	
desc. node	6762 Jun 05 05:20	1° B 00'22		6765 Mar 04 12:54	0° B	
	6762 Jul 02 12:27	0° II	asc. node	6765 Mar 13 00:20	9° B 24'30	
	6762 Jul 28 21:09	0° B	evening max el	6765 Mar 28 02:44	25° B 21'34	47°01'43
	6762 Aug 23 11:35	0° Q		6765 Apr 01 18:42	0° II	
	6762 Sep 17 15:41	0° M	greatest brilliancy	6765 May 07 10:18	26° II 25'00	-4.9m
asc. node	6762 Sep 26 05:24	10° M 18'34	retrograde	6765 May 17 17:45	28° II 25'31	
	6762 Oct 12 11:42	0° B	evening set	6765 Jun 02 23:13	23° II 15'48	
	6762 Nov 06 00:51	0° M	inferior conj	6765 Jun 07 16:21	20° II 24'36	5°48'11
	6762 Nov 30 08:38	0° X	minimum elong	6765 Jun 08 02:51	20° II 08'22	5°45'35
morning set	6762 Dec 01 12:26	1° X 26'04	min. Earth dist.	6765 Jun 07 14:41	20° II 27'12	0.27609 AU
	6762 Dec 24 12:43	0° B	morning rise	6765 Jun 13 06:48	17° II 04'02	
max. Earth dist.	6763 Jan 05 15:26	15° B 05'21	direct	6765 Jun 28 13:08	12° II 30'20	
			desc. node	6765 Jul 02 17:02	12° II 50'29	
superior conj	6763 Jan 08 14:35	18° B 47'12	greatest brilliancy	6765 Jul 08 08:37	14° II 17'07	-4.8m
minimum elong	6763 Jan 08 18:46	19° B 00'15		6765 Aug 02 07:34	0° B	
desc. node	6763 Jan 15 21:34	27° B 53'07	morning max el	6765 Aug 16 18:59	13° B 05'36	45°55'52
	6763 Jan 17 14:13	0° B		6765 Sep 02 12:29	0° Q	
	6763 Feb 10 13:47	0° X		6765 Sep 29 22:35	0° M	
evening rise	6763 Feb 17 09:53	8° X 33'57	asc. node	6765 Oct 23 17:23	27° M 23'30	
	6763 Mar 06 12:10	0° Y		6765 Oct 25 22:45	0° B	
	6763 Mar 30 10:56	0° B		6765 Nov 20 03:19	0° M	
	6763 Apr 23 12:46	0° II		6765 Dec 14 19:06	0° X	
asc. node	6763 May 08 21:49	19° II 00'08		6766 Jan 08 02:38	0° B	
	6763 May 17 21:02	0° B		6766 Feb 01 05:00	0° B	
	6763 Jun 11 16:04	0° Q	morning set	6766 Feb 11 19:41	13° B 16'13	
	6763 Jul 07 05:01	0° M	desc. node	6766 Feb 12 09:30	13° B 59'26	
	6763 Aug 03 04:31	0° B		6766 Feb 25 04:00	0° X	
evening max el	6763 Aug 20 15:02	17° B 45'22		6766 Mar 21 00:56	0° Y	
desc. node	6763 Aug 28 14:40	25° B 11'44				
	6763 Sep 03 03:27	0° M	superior conj	6766 Mar 24 19:41	4° Y 45'29	-1°18'55

minimum elong	6766 Mar 24 10:11	4° Υ 15'35	1°18'43	greatest brilliancy	6768 Sep 18 02:10	23° Ω 48'07	-4.7m
max. Earth dist.	6766 Mar 24 20:40	4° Υ 48'34	1.71173 AU		6768 Sep 30 11:15	0° Π	
	6766 Apr 13 21:18	0° \mathcal{B}		morning max el	6768 Oct 26 22:37	21° Π 46'26	45°43'00
evening rise	6766 May 04 12:50	25° \mathcal{B} 54'51			6768 Nov 04 06:45	0° \mathcal{A}	
	6766 May 07 19:09	0° Π		asc. node	6768 Nov 20 05:14	16° \mathcal{A} 46'34	
	6766 May 31 20:35	0° \mathcal{E}			6768 Dec 02 03:25	0° \mathcal{M}	
asc. node	6766 Jun 05 09:35	5° \mathcal{E} 38'09			6768 Dec 28 00:36	0° \mathcal{X}	
	6766 Jun 25 03:17	0° Ω			6769 Jan 21 23:11	0° \mathcal{Z}	
	6766 Jul 19 16:57	0° Π			6769 Feb 15 09:37	0° \approx	
	6766 Aug 13 16:26	0° \mathcal{A}		desc. node	6769 Mar 11 21:34	0° \mathcal{H} 26'11	
	6766 Sep 08 07:27	0° \mathcal{M}			6769 Mar 11 13:10	0° \mathcal{H}	
desc. node	6766 Sep 25 02:20	19° \mathcal{M} 00'52			6769 Apr 04 12:51	0° Υ	
	6766 Oct 05 02:08	0° \mathcal{X}			6769 Apr 28 11:00	0° \mathcal{B}	
evening max el	6766 Oct 31 08:51	27° \mathcal{X} 02'18	45°54'13	morning set	6769 Apr 29 09:41	1° \mathcal{B} 11'08	
	6766 Nov 03 11:56	0° \mathcal{Z}			6769 May 22 09:45	0° Π	
greatest brilliancy	6766 Dec 09 20:08	25° \mathcal{Z} 31'07	-4.8m				
retrograde	6766 Dec 19 08:19	27° \mathcal{Z} 09'59		superior conj	6769 Jun 08 02:47	20° Π 52'09	-0°55'28
evening set	6767 Jan 03 03:42	22° \mathcal{Z} 54'13		minimum elong	6769 Jun 08 13:31	21° Π 25'35	0°55'06
inferior conj	6767 Jan 09 03:51	19° \mathcal{Z} 21'35	-1°45'33	max. Earth dist.	6769 Jun 11 20:56	25° Π 32'58	1.72082 AU
minimum elong	6767 Jan 09 07:50	19° \mathcal{Z} 15'28	1°44'15		6769 Jun 15 10:43	0° \mathcal{E}	
min. Earth dist.	6767 Jan 09 18:48	18° \mathcal{Z} 58'35	0.27351 AU	asc. node	6769 Jul 02 21:30	21° \mathcal{E} 40'39	
morning rise	6767 Jan 15 11:21	15° \mathcal{Z} 38'09			6769 Jul 09 14:47	0° Ω	
asc. node	6767 Jan 16 02:49	15° \mathcal{Z} 17'38		evening rise	6769 Jul 16 22:25	9° Ω 02'56	
direct	6767 Jan 30 02:34	11° \mathcal{Z} 25'05			6769 Aug 02 22:15	0° Π	
greatest brilliancy	6767 Feb 09 21:24	13° \mathcal{Z} 36'30	-4.9m		6769 Aug 27 09:35	0° \mathcal{A}	
	6767 Mar 06 10:08	0° \approx			6769 Sep 21 02:06	0° \mathcal{M}	
morning max el	6767 Mar 21 16:45	14° \approx 29'41	46°57'09		6769 Oct 16 01:56	0° \mathcal{X}	
	6767 Apr 05 10:03	0° \mathcal{H}		desc. node	6769 Oct 22 14:02	7° \mathcal{X} 43'58	
	6767 May 01 21:51	0° Υ			6769 Nov 10 12:06	0° \mathcal{Z}	
desc. node	6767 May 07 19:30	6° Υ 54'22			6769 Dec 06 14:12	0° \approx	
	6767 May 27 06:05	0° \mathcal{B}			6770 Jan 03 01:07	0° \mathcal{H}	
	6767 Jun 21 02:58	0° Π		evening max el	6770 Jan 11 21:50	9° \mathcal{H} 03'01	46°45'06
	6767 Jul 15 19:24	0° \mathcal{E}			6770 Feb 04 09:41	0° Υ	
	6767 Aug 09 09:59	0° Ω		asc. node	6770 Feb 12 14:41	5° Υ 32'57	
asc. node	6767 Aug 28 19:23	23° Ω 41'56		greatest brilliancy	6770 Feb 21 09:14	9° Υ 47'30	-4.9m
	6767 Sep 02 22:56	0° Π		retrograde	6770 Mar 03 05:49	11° Υ 38'24	
morning set	6767 Sep 21 14:53	22° Π 53'39		evening set	6770 Mar 19 22:01	6° Υ 15'22	
	6767 Sep 27 09:40	0° \mathcal{A}		inferior conj	6770 Mar 23 21:29	3° Υ 51'19	8°14'22
	6767 Oct 21 18:06	0° \mathcal{M}		minimum elong	6770 Mar 23 12:33	4° Υ 05'02	8°13'04
max. Earth dist.	6767 Oct 26 12:06	5° \mathcal{M} 51'44	1.73168 AU	min. Earth dist.	6770 Mar 23 12:21	4° Υ 05'21	0.26943 AU
				morning rise	6770 Mar 27 03:08	1° Υ 53'16	
superior conj	6767 Oct 28 02:26	7° \mathcal{M} 50'02	1°25'03		6770 Mar 30 11:31	30° \mathcal{R} \mathcal{H}	
minimum elong	6767 Oct 28 04:46	7° \mathcal{M} 57'15	1°25'05	direct	6770 Apr 13 10:08	26° \mathcal{H} 06'32	
	6767 Nov 15 00:54	0° \mathcal{X}		greatest brilliancy	6770 Apr 22 22:18	27° \mathcal{H} 48'43	-4.9m
evening rise	6767 Dec 04 06:53	23° \mathcal{X} 48'39			6770 Apr 28 02:57	0° Υ	
	6767 Dec 09 06:53	0° \mathcal{Z}		morning max el	6770 Jun 02 15:03	28° Υ 27'28	46°42'39
desc. node	6767 Dec 18 11:41	11° \mathcal{Z} 23'29		desc. node	6770 Jun 04 07:21	0° \mathcal{B} 08'20	
	6768 Jan 02 12:19	0° \approx			6770 Jun 04 04:02	0° \mathcal{B}	
	6768 Jan 26 17:16	0° \mathcal{H}			6770 Jul 02 04:46	0° Π	
	6768 Feb 19 22:40	0° Υ			6770 Jul 28 10:53	0° \mathcal{E}	
	6768 Mar 15 07:24	0° \mathcal{B}			6770 Aug 22 23:57	0° Ω	
asc. node	6768 Apr 09 11:57	0° Π 32'21			6770 Sep 17 03:15	0° Π	
	6768 Apr 09 01:09	0° Π		asc. node	6770 Sep 25 07:20	9° Π 50'04	
	6768 May 04 14:06	0° \mathcal{E}			6770 Oct 11 22:49	0° \mathcal{A}	
	6768 May 31 21:53	0° Ω			6770 Nov 05 11:42	0° \mathcal{M}	
evening max el	6768 Jun 07 18:13	6° Ω 56'58	46°17'43	morning set	6770 Nov 29 04:53	29° \mathcal{M} 15'09	
	6768 Jul 04 17:32	0° Π			6770 Nov 29 19:23	0° \mathcal{X}	
greatest brilliancy	6768 Jul 16 07:18	6° Π 12'47	-4.8m		6770 Dec 23 23:28	0° \mathcal{Z}	
retrograde	6768 Jul 27 10:02	8° Π 27'56		max. Earth dist.	6771 Jan 03 07:50	12° \mathcal{Z} 53'09	1.72081 AU
desc. node	6768 Jul 30 04:56	8° Π 18'41					
evening set	6768 Aug 11 18:04	3° Π 54'09		superior conj	6771 Jan 06 04:20	16° \mathcal{Z} 26'40	0°21'06
min. Earth dist.	6768 Aug 17 05:54	0° Π 35'55	0.28694 AU	minimum elong	6771 Jan 06 09:18	16° \mathcal{Z} 42'08	0°20'56
inferior conj	6768 Aug 17 20:30	0° Π 13'00	-4°19'02	desc. node	6771 Jan 14 23:41	27° \mathcal{Z} 25'51	
minimum elong	6768 Aug 17 12:01	0° Π 26'20	4°16'50		6771 Jan 17 01:04	0° \approx	
	6768 Aug 18 04:47	30° \mathcal{R} Ω			6771 Feb 10 00:46	0° \mathcal{H}	
morning rise	6768 Aug 23 06:26	26° Ω 56'02		evening rise	6771 Feb 14 21:55	6° \mathcal{H} 06'52	
direct	6768 Sep 08 06:32	22° Ω 03'56			6771 Mar 05 23:16	0° Υ	

	6771 Mar 29 22:12	0°♄		asc. node	6773 Oct 22 19:17	26°♎52'35	
	6771 Apr 23 00:14	0°♊			6773 Oct 25 11:05	0°♊	
asc. node	6771 May 07 23:45	18°♊30'05			6773 Nov 19 14:49	0°♎	
	6771 May 17 08:53	0°♋			6773 Dec 14 06:09	0°♌	
	6771 Jun 11 04:39	0°♈			6774 Jan 07 13:28	0°♋	
	6771 Jul 06 19:01	0°♎			6774 Jan 31 15:45	0°♎	
	6771 Aug 02 21:55	0°♊		morning set	6774 Feb 09 07:43	10°♎50'09	
evening max el	6771 Aug 18 06:50	15°♊34'52	45°39'07	desc. node	6774 Feb 11 11:32	13°♎32'18	
desc. node	6771 Aug 27 16:44	24°♊17'37			6774 Feb 24 14:43	0°♌	
	6771 Sep 03 10:32	0°♎			6774 Mar 20 11:38	0°♍	
greatest brilliancy	6771 Sep 26 01:56	13°♎45'52	-4.7m				
retrograde	6771 Oct 06 02:56	15°♎35'27		superior conj	6774 Mar 22 06:33	2°♍14'55	-1°17'07
evening set	6771 Oct 24 07:35	9°♎23'59		minimum elong	6774 Mar 21 20:25	1°♍43'04	1°16'53
inferior conj	6771 Oct 27 14:01	7°♎22'43	-8°34'29	max. Earth dist.	6774 Mar 22 03:13	2°♍04'26	1.71177 AU
minimum elong	6771 Oct 27 16:13	7°♎19'17	8°34'23		6774 Apr 13 08:02	0°♄	
min. Earth dist.	6771 Oct 28 00:02	7°♎07'02	0.29028 AU	evening rise	6774 May 01 23:42	23°♄24'43	
morning rise	6771 Oct 31 00:44	5°♎14'40			6774 May 07 05:57	0°♊	
	6771 Nov 11 07:28	30°♎♊			6774 May 31 07:29	0°♋	
direct	6771 Nov 18 02:36	29°♊04'04		asc. node	6774 Jun 04 11:39	5°♋10'41	
	6771 Nov 25 03:18	0°♎			6774 Jun 24 14:21	0°♈	
greatest brilliancy	6771 Nov 29 00:11	1°♎14'13	-4.8m		6774 Jul 19 04:21	0°♎	
asc. node	6771 Dec 18 17:01	13°♎17'06			6774 Aug 13 04:29	0°♊	
	6772 Jan 06 05:44	0°♌			6774 Sep 07 20:49	0°♎	
morning max el	6772 Jan 06 21:48	0°♌39'46	46°17'37	desc. node	6774 Sep 24 04:14	18°♎24'52	
	6772 Feb 03 07:34	0°♋			6774 Oct 04 18:21	0°♌	
	6772 Feb 29 03:06	0°♎		evening max el	6774 Oct 28 23:04	24°♌46'40	45°52'45
	6772 Mar 25 00:35	0°♌			6774 Nov 03 12:51	0°♋	
desc. node	6772 Apr 08 09:29	17°♌35'14		greatest brilliancy	6774 Dec 07 10:39	23°♋13'30	-4.8m
	6772 Apr 18 11:21	0°♍		retrograde	6774 Dec 16 21:07	24°♋51'01	
	6772 May 12 17:02	0°♄		evening set	6774 Dec 31 19:19	20°♋32'47	
	6772 Jun 05 21:09	0°♊		inferior conj	6775 Jan 06 17:46	17°♋02'19	-2°07'48
	6772 Jun 30 01:58	0°♋		minimum elong	6775 Jan 06 22:31	16°♋54'59	2°06'16
morning set	6772 Jul 11 06:27	13°♋50'20		min. Earth dist.	6775 Jan 07 09:54	16°♋37'26	0.27400 AU
	6772 Jul 24 08:19	0°♈		morning rise	6775 Jan 13 01:02	13°♋18'35	
asc. node	6772 Jul 30 09:23	7°♈27'42		asc. node	6775 Jan 15 04:52	12°♋12'18	
				direct	6775 Jan 27 16:44	9°♋04'59	
superior conj	6772 Aug 17 22:15	0°♎19'24	0°42'42	greatest brilliancy	6775 Feb 07 13:03	11°♋17'18	-4.9m
minimum elong	6772 Aug 17 14:09	29°♈54'27	0°42'19		6775 Mar 06 15:51	0°♎	
	6772 Aug 17 15:57	0°♎		morning max el	6775 Mar 19 05:42	12°♎05'23	46°56'32
max. Earth dist.	6772 Aug 18 22:12	1°♎33'13	1.73244 AU		6775 Apr 05 03:47	0°♌	
	6772 Sep 11 00:24	0°♊			6775 May 01 12:13	0°♍	
evening rise	6772 Sep 23 07:15	15°♊07'17		desc. node	6775 May 06 21:33	6°♍19'26	
	6772 Oct 05 09:47	0°♎			6775 May 26 18:54	0°♄	
	6772 Oct 29 20:52	0°♌			6775 Jun 20 14:55	0°♊	
desc. node	6772 Nov 19 01:53	24°♌41'21			6775 Jul 15 06:46	0°♋	
	6772 Nov 23 10:28	0°♋			6775 Aug 08 20:56	0°♈	
	6772 Dec 18 02:58	0°♎		asc. node	6775 Aug 27 21:19	23°♈15'06	
	6773 Jan 11 23:28	0°♌			6775 Sep 02 09:35	0°♎	
	6773 Feb 06 04:12	0°♍		morning set	6775 Sep 19 08:09	20°♎46'59	
	6773 Mar 04 05:39	0°♄			6775 Sep 26 20:08	0°♊	
asc. node	6773 Mar 12 02:12	8°♄39'55			6775 Oct 21 04:32	0°♎	
evening max el	6773 Mar 25 18:06	23°♄02'52	47°02'15	max. Earth dist.	6775 Oct 24 05:03	3°♎43'43	1.73192 AU
	6773 Apr 01 19:28	0°♊					
greatest brilliancy	6773 May 05 00:59	24°♊04'28	-4.9m	superior conj	6775 Oct 25 20:00	5°♎43'55	1°25'24
retrograde	6773 May 15 08:35	26°♊04'39		minimum elong	6775 Oct 25 21:38	5°♎48'55	1°25'26
evening set	6773 May 31 16:30	20°♊50'43			6775 Nov 14 11:25	0°♌	
inferior conj	6773 Jun 05 06:15	18°♊04'12	6°05'44	evening rise	6775 Dec 01 22:34	21°♌35'52	
minimum elong	6773 Jun 05 16:56	17°♊47'41	6°03'10		6775 Dec 08 17:33	0°♋	
min. Earth dist.	6773 Jun 05 04:28	18°♊06'59	0.27581 AU	desc. node	6775 Dec 17 13:48	10°♋56'46	
morning rise	6773 Jun 10 17:43	14°♊47'56			6776 Jan 01 23:12	0°♎	
direct	6773 Jun 26 03:18	10°♊10'37			6776 Jan 26 04:25	0°♌	
desc. node	6773 Jul 01 19:06	10°♊47'33			6776 Feb 19 10:10	0°♍	
greatest brilliancy	6773 Jul 05 21:13	11°♊56'29	-4.8m		6776 Mar 14 19:27	0°♄	
	6773 Aug 02 14:19	0°♋		asc. node	6776 Apr 08 13:56	29°♄59'23	
morning max el	6773 Aug 14 10:01	10°♋51'24	45°57'06		6776 Apr 08 14:08	0°♊	
	6773 Sep 02 06:05	0°♈			6776 May 04 04:57	0°♋	
	6773 Sep 29 12:33	0°♎			6776 May 31 17:33	0°♈	

evening max el	6776 Jun 05 08:29	4°Ω39'46	46°19'22	morning set	6778 Nov 26 21:17	27°Ⅲ04'23	
	6776 Jul 05 21:03	0°Ⅲ			6778 Nov 29 06:03	0°♂	
greatest brilliancy	6776 Jul 13 23:59	4°Ⅲ02'07	-4.8m		6778 Dec 23 10:08	0°♂	
retrograde	6776 Jul 25 01:41	6°Ⅲ16'59		max. Earth dist.	6779 Jan 01 00:16	10°♂41'31	1.72124 AU
desc. node	6776 Jul 29 06:58	5°Ⅲ55'39					
evening set	6776 Aug 09 08:29	1°Ⅲ45'25		superior conj	6779 Jan 03 18:05	14°♂06'35	0°24'38
	6776 Aug 12 08:47	30°♂Ω		minimum elong	6779 Jan 03 23:47	14°♂24'19	0°24'24
min. Earth dist.	6776 Aug 14 22:16	28°Ω24'46	0.28655 AU	desc. node	6779 Jan 14 01:37	26°♂58'26	
inferior conj	6776 Aug 15 12:26	28°Ω02'34	-4°01'10		6779 Jan 16 11:48	0°≈	
minimum elong	6776 Aug 15 04:21	28°Ω15'14	3°59'02		6779 Feb 09 11:37	0°♂	
morning rise	6776 Aug 21 00:38	24°Ω42'19		evening rise	6779 Feb 12 10:04	3°♂40'33	
direct	6776 Sep 05 21:30	19°Ω53'56			6779 Mar 05 10:16	0°♀	
greatest brilliancy	6776 Sep 15 18:13	21°Ω38'43	-4.7m		6779 Mar 29 09:22	0°♂	
	6776 Oct 01 08:44	0°Ⅲ			6779 Apr 22 11:39	0°Ⅱ	
morning max el	6776 Oct 24 13:02	19°Ⅲ33'10	45°42'40	asc. node	6779 May 07 01:50	18°Ⅱ00'41	
	6776 Nov 04 01:40	0°♂			6779 May 16 20:42	0°♂	
asc. node	6776 Nov 19 07:22	16°♂09'10			6779 Jun 10 17:12	0°Ω	
	6776 Dec 01 17:48	0°Ⅲ			6779 Jul 06 09:05	0°Ⅲ	
	6776 Dec 27 13:14	0°♂			6779 Aug 02 15:40	0°♂	
	6777 Jan 21 11:00	0°♂		evening max el	6779 Aug 15 23:02	13°♂25'22	45°39'39
	6777 Feb 14 20:58	0°≈		desc. node	6779 Aug 26 18:36	23°♂22'00	
desc. node	6777 Mar 10 23:26	29°≈57'31			6779 Sep 03 20:23	0°Ⅲ	
	6777 Mar 11 00:14	0°♂		greatest brilliancy	6779 Sep 23 15:45	11°Ⅲ34'27	-4.7m
	6777 Apr 03 23:44	0°♀		retrograde	6779 Oct 03 19:08	13°Ⅲ25'39	
morning set	6777 Apr 26 21:08	28°♀42'47		evening set	6779 Oct 21 23:31	7°Ⅲ13'47	
	6777 Apr 27 21:46	0°♂		inferior conj	6779 Oct 25 06:02	5°Ⅲ12'13	-8°36'02
	6777 May 21 20:24	0°Ⅱ		minimum elong	6779 Oct 25 07:29	5°Ⅲ09'57	8°35'58
				min. Earth dist.	6779 Oct 25 14:26	4°Ⅲ59'03	0.29058 AU
superior conj	6777 Jun 05 16:19	18°Ⅱ31'42	-0°58'16	morning rise	6779 Oct 28 15:21	3°Ⅲ06'16	
minimum elong	6777 Jun 06 03:15	19°Ⅱ05'48	0°57'55		6779 Nov 03 06:51	30°♂♂	
max. Earth dist.	6777 Jun 09 08:44	23°Ⅱ07'17	1.72033 AU	direct	6779 Nov 15 19:27	26°♂53'31	
	6777 Jun 14 21:17	0°♂		greatest brilliancy	6779 Nov 26 14:51	29°♂01'54	-4.8m
asc. node	6777 Jul 01 23:31	21°♂14'08			6779 Nov 28 23:25	0°Ⅲ	
	6777 Jul 09 01:21	0°Ω		asc. node	6779 Dec 17 19:01	12°Ⅲ13'13	
evening rise	6777 Jul 14 14:15	6°Ω50'50		morning max el	6780 Jan 04 13:51	28°Ⅲ26'39	46°15'56
	6777 Aug 02 08:55	0°Ⅲ			6780 Jan 06 03:16	0°♂	
	6777 Aug 26 20:29	0°♂			6780 Feb 02 23:09	0°♂	
	6777 Sep 20 13:22	0°Ⅲ			6780 Feb 28 16:35	0°≈	
	6777 Oct 15 13:52	0°♂			6780 Mar 24 13:02	0°♂	
desc. node	6777 Oct 21 16:04	7°♂13'53		desc. node	6780 Apr 07 11:31	17°♂04'27	
	6777 Nov 10 01:12	0°♂			6780 Apr 17 23:12	0°♀	
	6777 Dec 06 05:27	0°≈			6780 May 12 04:29	0°♂	
	6778 Jan 02 21:22	0°♂			6780 Jun 05 08:18	0°Ⅱ	
evening max el	6778 Jan 09 10:58	6°♂39'19	46°43'34		6780 Jun 29 12:53	0°♂	
	6778 Feb 05 07:24	0°♀		morning set	6780 Jul 08 22:11	11°♂37'04	
asc. node	6778 Feb 11 16:37	4°♀00'06			6780 Jul 23 19:04	0°Ω	
greatest brilliancy	6778 Feb 18 21:42	7°♀20'35	-4.9m	asc. node	6780 Jul 29 11:18	7°Ω00'33	
retrograde	6778 Feb 28 18:51	9°♀12'11					
evening set	6778 Mar 17 06:13	3°♀55'26		superior conj	6780 Aug 15 15:21	28°Ω11'16	0°39'48
inferior conj	6778 Mar 21 10:10	1°♀25'10	8°03'11	minimum elong	6780 Aug 15 07:37	27°Ω47'28	0°39'27
minimum elong	6778 Mar 21 00:42	1°♀39'42	8°01'43	max. Earth dist.	6780 Aug 16 20:35	29°Ω41'25	1.73220 AU
min. Earth dist.	6778 Mar 21 00:58	1°♀39'16	0.26927 AU		6780 Aug 17 02:37	0°Ⅲ	
	6778 Mar 23 18:01	30°♂♂			6780 Sep 10 11:04	0°♂	
morning rise	6778 Mar 24 19:13	29°♂22'23		evening rise	6780 Sep 21 01:23	13°♂02'29	
direct	6778 Apr 10 22:47	23°♂40'17			6780 Oct 04 20:34	0°Ⅲ	
greatest brilliancy	6778 Apr 20 11:28	25°♂23'22	-4.9m		6780 Oct 29 07:56	0°♂	
	6778 Apr 30 01:42	0°♀		desc. node	6780 Nov 18 03:57	24°♂12'54	
morning max el	6778 May 31 05:06	26°♀06'15	46°44'11		6780 Nov 22 21:56	0°♂	
desc. node	6778 Jun 03 09:25	29°♀18'17			6780 Dec 17 15:03	0°≈	
	6778 Jun 04 01:47	0°♂			6781 Jan 11 12:25	0°♂	
	6778 Jul 01 20:30	0°Ⅱ			6781 Feb 05 18:33	0°♀	
	6778 Jul 28 00:14	0°♂			6781 Mar 03 22:54	0°♂	
	6778 Aug 22 12:05	0°Ω		asc. node	6781 Mar 11 04:13	7°♂54'40	
	6778 Sep 16 14:40	0°Ⅲ		evening max el	6781 Mar 23 08:58	20°♂42'21	47°02'48
asc. node	6778 Sep 24 09:15	9°Ⅲ21'56			6781 Apr 01 21:46	0°Ⅱ	
	6778 Oct 11 09:49	0°♂		greatest brilliancy	6781 May 02 16:04	21°Ⅱ43'55	-4.9m
	6778 Nov 04 22:29	0°Ⅲ		retrograde	6781 May 12 22:55	23°Ⅱ43'04	

evening set	6781 May 29 09:51	18° Π 24'59		evening rise	6783 Nov 13 22:19	0° X
inferior conj	6781 Jun 02 20:10	15° Π 43'12 6°22'37			6783 Nov 29 14:32	19° X 22'54
minimum elong	6781 Jun 03 06:56	15° Π 26'31 6°20'08			6783 Dec 08 04:36	0° Z
min. Earth dist.	6781 Jun 02 18:23	15° Π 45'59 0.27554 AU		desc. node	6783 Dec 16 15:45	10° Z 28'24
morning rise	6781 Jun 08 04:24	12° Π 31'19			6784 Jan 01 10:28	0° \approx
direct	6781 Jun 23 17:18	7° Π 50'17			6784 Jan 25 16:00	0° H
desc. node	6781 Jun 30 21:05	8° Π 48'40			6784 Feb 18 22:11	0° Y
greatest brilliancy	6781 Jul 03 10:00	9° Π 35'10 -4.8m			6784 Mar 14 08:05	0° B
	6781 Aug 02 19:15	0° G		asc. node	6784 Apr 07 16:00	29° B 24'54
morning max el	6781 Aug 12 00:10	8° G 34'13 45°58'23			6784 Apr 08 03:46	0° Π
	6781 Sep 01 23:32	0° Ω			6784 May 03 20:33	0° G
	6781 Sep 29 02:35	0° W			6784 May 31 14:25	0° Ω
asc. node	6781 Oct 21 21:25	26° W 21'50		evening max el	6784 Jun 02 22:36	2° Ω 20'43 46°21'18
	6781 Oct 24 23:35	0° L			6784 Jul 07 14:00	0° W
	6781 Nov 19 02:32	0° M		greatest brilliancy	6784 Jul 11 16:05	1° W 49'20 -4.8m
	6781 Dec 13 17:29	0° X		retrograde	6784 Jul 22 17:43	4° W 04'45
	6782 Jan 07 00:38	0° Z		desc. node	6784 Jul 28 08:53	3° W 26'28
	6782 Jan 31 02:51	0° \approx			6784 Aug 06 04:26	30° R Ω
morning set	6782 Feb 06 19:27	8° \approx 22'04		evening set	6784 Aug 06 22:59	29° Ω 34'51
desc. node	6782 Feb 10 13:28	13° \approx 03'42		min. Earth dist.	6784 Aug 12 14:20	26° Ω 12'24 0.28615 AU
	6782 Feb 24 01:47	0° H		inferior conj	6784 Aug 13 04:17	25° Ω 50'35 -3°42'53
				minimum elong	6784 Aug 12 20:40	26° Ω 02'30 3°40'51
superior conj	6782 Mar 19 17:08	29° H 42'34 -1°15'09		morning rise	6784 Aug 18 18:43	22° Ω 27'24
minimum elong	6782 Mar 19 06:27	29° H 09'01 1°14'53		direct	6784 Sep 03 12:28	17° Ω 42'18
max. Earth dist.	6782 Mar 19 06:26	29° H 08'55 1.71178 AU		greatest brilliancy	6784 Sep 13 10:07	19° Ω 27'51 -4.7m
	6782 Mar 19 22:40	0° Y			6784 Oct 02 01:16	0° W
	6782 Apr 12 19:04	0° B		morning max el	6784 Oct 22 04:17	17° W 20'44 45°42'26
evening rise	6782 Apr 29 10:20	20° B 52'56			6784 Nov 03 20:33	0° L
	6782 May 06 17:03	0° Π		asc. node	6784 Nov 18 09:16	15° L 30'23
	6782 May 30 18:41	0° G			6784 Dec 01 08:26	0° M
asc. node	6782 Jun 03 13:39	4° G 42'07			6784 Dec 27 02:11	0° X
	6782 Jun 24 01:45	0° Ω			6785 Jan 20 23:07	0° Z
	6782 Jul 18 16:07	0° W			6785 Feb 14 08:39	0° \approx
	6782 Aug 12 16:56	0° L		desc. node	6785 Mar 10 01:31	29° \approx 28'19
	6782 Sep 07 10:38	0° M			6785 Mar 10 11:41	0° H
desc. node	6782 Sep 23 06:20	17° M 48'10			6785 Apr 03 11:02	0° Y
	6782 Oct 04 11:14	0° X		morning set	6785 Apr 24 08:03	26° Y 11'17
evening max el	6782 Oct 26 12:15	22° X 27'43 45°51'19			6785 Apr 27 08:58	0° B
	6782 Nov 03 15:35	0° Z			6785 May 21 07:29	0° Π
greatest brilliancy	6782 Dec 05 00:59	20° Z 54'41 -4.8m				
retrograde	6782 Dec 14 09:51	22° Z 31'09		superior conj	6785 Jun 03 05:16	16° Π 07'58 -1°01'00
evening set	6782 Dec 29 10:59	18° Z 09'47		minimum elong	6785 Jun 03 16:21	16° Π 42'33 1°00'40
inferior conj	6783 Jan 04 07:38	14° Z 41'52 -2°29'43		max. Earth dist.	6785 Jun 06 19:18	20° Π 36'16 1.71983 AU
minimum elong	6783 Jan 04 13:09	14° Z 33'21 2°27'58			6785 Jun 14 08:18	0° G
min. Earth dist.	6783 Jan 05 01:03	14° Z 14'58 0.27457 AU		asc. node	6785 Jul 01 01:24	20° G 45'54
morning rise	6783 Jan 10 14:31	10° Z 58'15			6785 Jul 08 12:20	0° Ω
asc. node	6783 Jan 14 06:47	9° Z 09'50		evening rise	6785 Jul 12 05:40	4° Ω 36'12
direct	6783 Jan 25 06:37	6° Z 43'23			6785 Aug 01 19:59	0° W
greatest brilliancy	6783 Feb 05 05:10	8° Z 57'18 -4.9m			6785 Aug 26 07:46	0° L
	6783 Mar 06 20:17	0° \approx			6785 Sep 20 01:04	0° M
morning max el	6783 Mar 16 18:54	9° \approx 40'02 46°55'54			6785 Oct 15 02:15	0° X
	6783 Apr 04 21:41	0° H		desc. node	6785 Oct 20 18:07	6° X 42'37
	6783 May 01 02:54	0° Y			6785 Nov 09 14:46	0° Z
desc. node	6783 May 05 23:38	5° Y 43'23			6785 Dec 05 21:16	0° \approx
	6783 May 26 08:04	0° B			6786 Jan 02 18:39	0° H
	6783 Jun 20 03:12	0° Π		evening max el	6786 Jan 07 00:59	4° H 17'18 46°42'03
	6783 Jul 14 18:29	0° G			6786 Feb 06 13:49	0° Y
	6783 Aug 08 08:15	0° Ω		asc. node	6786 Feb 10 18:35	2° Y 23'09
asc. node	6783 Aug 26 23:17	22° Ω 47'13		greatest brilliancy	6786 Feb 16 09:39	4° Y 52'29 -4.9m
	6783 Sep 01 20:37	0° W		retrograde	6786 Feb 26 08:14	6° Y 45'04
morning set	6783 Sep 17 01:29	18° W 39'15		evening set	6786 Mar 14 14:26	1° Y 34'37
	6783 Sep 26 07:01	0° L			6786 Mar 17 06:15	30° R H
	6783 Oct 20 15:22	0° M		inferior conj	6786 Mar 18 22:49	28° H 58'04 7°51'04
max. Earth dist.	6783 Oct 21 23:22	1° M 38'45 1.73214 AU		minimum elong	6786 Mar 18 12:52	29° H 13'18 7°49'25
				min. Earth dist.	6786 Mar 18 13:16	29° H 12'41 0.26914 AU
superior conj	6783 Oct 23 13:46	3° M 37'14 1°25'37		morning rise	6786 Mar 22 11:22	26° H 50'24
minimum elong	6783 Oct 23 14:41	3° M 40'02 1°25'39		direct	6786 Apr 08 11:57	21° H 13'15

greatest brilliancy	6786 Apr 18 00:08	22°  56'25	-4.9m		6788 Oct 28 18:59	0° 	
	6786 May 01 09:49	0° 		desc. node	6788 Nov 17 05:51	23°  43'58	
morning max el	6786 May 28 19:30	23°  44'42	46°45'28		6788 Nov 22 09:25	0° 	
desc. node	6786 Jun 02 11:21	28°  27'39			6788 Dec 17 03:09	0° 	
	6786 Jun 03 23:12	0° 			6789 Jan 11 01:25	0° 	
	6786 Jul 01 12:25	0° 			6789 Feb 05 09:02	0° 	
	6786 Jul 27 13:52	0° 			6789 Mar 03 16:27	0° 	
	6786 Aug 22 00:29	0° 		asc. node	6789 Mar 10 06:21	7°  09'22	
	6786 Sep 16 02:21	0° 		evening max el	6789 Mar 20 23:01	18°  19'56	47°03'18
asc. node	6786 Sep 23 11:22	8°  53'35			6789 Apr 02 01:28	0° 	
	6786 Oct 10 21:03	0° 		greatest brilliancy	6789 Apr 30 07:47	19°  24'42	-4.9m
	6786 Nov 04 09:29	0° 		retrograde	6789 May 10 12:56	21°  22'18	
morning set	6786 Nov 24 13:48	24°  53'14		evening set	6789 May 27 03:21	16°  00'08	
	6786 Nov 28 16:58	0° 		inferior conj	6789 May 31 10:15	13°  23'12	6°38'44
	6786 Dec 22 21:02	0° 		minimum elong	6789 May 31 21:00	13°  06'30	6°36'22
max. Earth dist.	6786 Dec 29 15:01	8°  23'56	1.72164 AU	min. Earth dist.	6789 May 31 08:41	13°  25'38	0.27526 AU
				morning rise	6789 Jun 05 15:00	10°  21'52	
superior conj	6787 Jan 01 08:10	11°  34'49	0°28'04	direct	6789 Jun 21 06:55	5°  23'05	
minimum elong	6787 Jan 01 14:32	12°  06'38	0°27'49	desc. node	6789 Jun 29 23:03	6°  25'14	
desc. node	6787 Jan 13 03:34	26°  30'21		greatest brilliancy	6789 Jun 30 23:21	7°  21'14	-4.8m
	6787 Jan 15 22:46	0° 			6789 Aug 02 22:09	0° 	
	6787 Feb 08 22:40	0° 		morning max el	6789 Aug 09 13:39	6°  15'46	45°59'38
evening rise	6787 Feb 09 22:31	1°  14'38			6789 Sep 01 16:27	0° 	
	6787 Mar 04 21:27	0° 			6789 Sep 28 16:22	0° 	
	6787 Mar 28 20:43	0° 		asc. node	6789 Oct 20 23:20	25°  05'54	
	6787 Apr 21 23:15	0° 			6789 Oct 24 11:54	0° 	
asc. node	6787 May 06 03:47	17°  23'01			6789 Nov 18 14:05	0° 	
	6787 May 16 08:46	0° 			6789 Dec 13 04:38	0° 	
	6787 Jun 10 06:05	0° 			6790 Jan 06 11:36	0° 	
	6787 Jul 05 23:34	0° 			6790 Jan 30 13:44	0° 	
	6787 Aug 02 10:07	0° 		morning set	6790 Feb 04 07:17	5°  25'53	
evening max el	6787 Aug 13 15:17	11°  25'12	45°40'19	desc. node	6790 Feb 09 15:30	12°  25'02	
desc. node	6787 Aug 25 20:42	22°  25'04			6790 Feb 23 12:39	0° 	
	6787 Sep 04 10:02	0° 		max. Earth dist.	6790 Mar 16 08:00	26°  08'50	1.71186 AU
greatest brilliancy	6787 Sep 21 06:22	9°  23'33	-4.7m				
retrograde	6787 Oct 01 11:04	11°  15'32		superior conj	6790 Mar 17 03:50	27°  11'10	-1°13'02
evening set	6787 Oct 19 15:16	5°  04'04		minimum elong	6790 Mar 16 16:44	26°  13'14	1°12'43
inferior conj	6787 Oct 22 22:09	3°  01'40	-8°36'51		6790 Mar 19 09:32	0° 	
minimum elong	6787 Oct 22 22:49	3°  00'37	8°36'50		6790 Apr 12 05:56	0° 	
min. Earth dist.	6787 Oct 23 05:04	2°  15'04	0.29082 AU	evening rise	6790 Apr 26 21:07	18°  22'09	
morning rise	6787 Oct 26 06:20	0° 			6790 May 06 03:57	0° 	
	6787 Oct 27 20:55	30°  05'12			6790 May 30 05:39	0° 	
direct	6787 Nov 13 12:17	24°  25'05		asc. node	6790 Jun 02 15:34	4°  25'02	
greatest brilliancy	6787 Nov 24 05:27	26°  25'04	-4.8m		6790 Jun 23 12:53	0° 	
	6787 Dec 01 00:33	0° 			6790 Jul 18 03:36	0° 	
asc. node	6787 Dec 16 20:59	11°  10'36			6790 Aug 12 05:10	0° 	
morning max el	6788 Jan 02 05:08	26°  11'28	46°14'13		6790 Sep 07 00:19	0° 	
	6788 Jan 06 00:09	0° 		desc. node	6790 Sep 22 08:20	17°  11'41	
	6788 Feb 02 14:37	0° 			6790 Oct 04 04:12	0° 	
	6788 Feb 28 06:01	0° 		evening max el	6790 Oct 24 01:19	20°  09'27	45°50'01
	6788 Mar 24 01:28	0° 			6790 Nov 03 19:39	0° 	
desc. node	6788 Apr 06 13:34	16°  13'47		greatest brilliancy	6790 Dec 02 15:10	18°  36'52	-4.8m
	6788 Apr 17 11:02	0° 		retrograde	6790 Dec 11 23:12	20°  31'54	
	6788 May 11 15:53	0° 		evening set	6790 Dec 27 02:56	15°  47'54	
	6788 Jun 04 19:25	0° 		inferior conj	6791 Jan 01 21:40	12°  22'49	-2°51'04
	6788 Jun 28 23:48	0° 		minimum elong	6791 Jan 02 03:53	12°  13'14	2°49'09
morning set	6788 Jul 06 13:52	9°  23'31		min. Earth dist.	6791 Jan 02 16:12	11°  25'15	0.27517 AU
	6788 Jul 23 05:52	0° 		morning rise	6791 Jan 08 03:59	8°  39'52	
asc. node	6788 Jul 28 13:21	6°  33'39		asc. node	6791 Jan 13 08:48	6°  31'29	
				direct	6791 Jan 22 20:39	4°  23'08	
superior conj	6788 Aug 13 08:16	26°  02'25	0°36'51	greatest brilliancy	6791 Feb 02 21:22	6°  38'54	-4.9m
minimum elong	6788 Aug 13 00:59	25°  03'57	0°36'29		6791 Mar 06 22:36	0° 	
max. Earth dist.	6788 Aug 14 17:21	27°  04'42	1.73195 AU	morning max el	6791 Mar 14 09:03	7°  28'17	46°55'09
	6788 Aug 16 13:20	0° 			6791 Apr 04 14:49	0° 	
	6788 Sep 09 21:46	0° 			6791 Apr 30 17:05	0° 	
evening rise	6788 Sep 18 19:17	10°  25'51		desc. node	6791 May 05 01:29	5°  07'53	
	6788 Oct 04 07:23	0° 			6791 May 25 20:49	0° 	

	6791 Jun 19 15:06	0° Π		evening max el	6794 Jan 04 15:43	1° X 58'03	46°40'18
	6791 Jul 14 05:48	0° S			6794 Feb 08 09:43	0° Υ	
	6791 Aug 07 19:09	0° Ω		asc. node	6794 Feb 09 20:42	0° Υ 43'22	
asc. node	6791 Aug 26 01:21	22° Ω 20'51		greatest brilliancy	6794 Feb 13 21:42	2° Υ 25'11	-4.9m
	6791 Sep 01 07:14	0° M		retrograde	6794 Feb 23 21:26	4° Υ 18'11	
morning set	6791 Sep 14 18:58	16° M 33'08			6794 Mar 10 13:57	30° R X	
	6791 Sep 25 17:30	0° A		evening set	6794 Mar 11 22:39	29° X 14'19	
max. Earth dist.	6791 Oct 19 19:25	29° A 40'09	1.73239 AU	inferior conj	6794 Mar 16 11:19	26° X 31'26	7°38'02
	6791 Oct 20 01:51	0° M		minimum elong	6794 Mar 16 00:59	26° X 47'16	7°36'11
				min. Earth dist.	6794 Mar 16 01:32	26° X 46'26	0.26900 AU
superior conj	6791 Oct 21 07:34	1° M 31'42	1°25'42	morning rise	6794 Mar 20 03:27	24° X 18'37	
minimum elong	6791 Oct 21 07:47	1° M 32'21	1°25'45	direct	6794 Apr 06 01:06	18° X 46'57	
	6791 Nov 13 08:52	0° X		greatest brilliancy	6794 Apr 15 12:29	20° X 29'41	-4.9m
evening rise	6791 Nov 27 06:31	17° X 11'03			6794 May 02 08:33	0° Υ	
	6791 Dec 07 15:18	0° S		morning max el	6794 May 26 09:18	21° Υ 22'37	46°46'39
desc. node	6791 Dec 15 17:41	10° S 01'03		desc. node	6794 Jun 01 13:23	27° Υ 39'10	
	6791 Dec 31 21:24	0° \approx			6794 Jun 03 19:30	0° S	
	6792 Jan 25 03:15	0° X			6794 Jul 01 03:42	0° Π	
	6792 Feb 18 09:52	0° Υ			6794 Jul 27 03:02	0° S	
	6792 Mar 13 20:24	0° S			6794 Aug 21 12:30	0° Ω	
asc. node	6792 Apr 06 17:55	28° S 50'53			6794 Sep 15 13:40	0° M	
	6792 Apr 07 17:08	0° Π		asc. node	6794 Sep 22 13:16	8° M 25'40	
	6792 May 03 12:01	0° S			6794 Oct 10 07:56	0° A	
	6792 May 31 11:36	0° Ω			6794 Nov 03 20:07	0° M	
evening max el	6792 May 31 13:34	0° Ω 04'54	46°23'18	morning set	6794 Nov 22 06:34	22° M 44'08	
greatest brilliancy	6792 Jul 09 07:51	29° Ω 37'21	-4.8m		6794 Nov 28 03:30	0° X	
	6792 Jul 10 08:03	0° M			6794 Dec 22 07:36	0° S	
retrograde	6792 Jul 20 10:21	1° M 53'45		max. Earth dist.	6794 Dec 27 04:30	6° S 03'37	1.72209 AU
desc. node	6792 Jul 27 10:57	0° M 53'43					
	6792 Jul 30 03:02	30° R Ω		superior conj	6794 Dec 29 22:29	9° S 28'56	0°31'26
evening set	6792 Aug 04 13:42	27° Ω 25'17		minimum elong	6794 Dec 30 05:28	9° S 50'41	0°31'11
inferior conj	6792 Aug 10 20:06	23° Ω 39'48	-3°24'19	desc. node	6795 Jan 12 05:40	26° S 03'38	
minimum elong	6792 Aug 10 12:59	23° Ω 50'54	3°22'21		6795 Jan 15 09:25	0° \approx	
min. Earth dist.	6792 Aug 10 06:06	24° Ω 01'39	0.28572 AU	evening rise	6795 Feb 07 10:51	28° \approx 49'10	
morning rise	6792 Aug 16 12:44	20° Ω 14'00			6795 Feb 08 09:29	0° X	
direct	6792 Sep 01 03:44	15° Ω 32'01			6795 Mar 04 08:24	0° Υ	
greatest brilliancy	6792 Sep 11 01:23	17° Ω 17'52	-4.7m		6795 Mar 28 07:51	0° S	
	6792 Oct 02 12:50	0° M			6795 Apr 21 10:39	0° Π	
morning max el	6792 Oct 19 20:20	15° M 11'48	45°42'10	asc. node	6795 May 05 05:43	17° Π 00'26	
	6792 Nov 03 14:24	0° A			6795 May 15 20:37	0° S	
asc. node	6792 Nov 17 11:14	14° A 53'33			6795 Jun 09 18:47	0° Ω	
	6792 Nov 30 22:26	0° M			6795 Jul 05 13:58	0° M	
	6792 Dec 26 14:39	0° X			6795 Aug 02 04:48	0° A	
	6793 Jan 20 10:49	0° S		evening max el	6795 Aug 11 07:02	9° A 04'23	45°40'58
	6793 Feb 13 19:56	0° \approx		desc. node	6795 Aug 24 22:44	21° A 27'26	
desc. node	6793 Mar 09 03:32	29° \approx 00'07			6795 Sep 05 03:56	0° M	
	6793 Mar 09 22:43	0° X		greatest brilliancy	6795 Sep 18 21:39	7° M 14'06	-4.7m
	6793 Apr 02 21:56	0° Υ		retrograde	6795 Sep 29 02:37	9° M 06'20	
morning set	6793 Apr 21 18:51	23° Υ 40'42		evening set	6795 Oct 17 06:44	2° M 55'55	
	6793 Apr 26 19:45	0° S		inferior conj	6795 Oct 20 14:19	0° M 52'12	-8°37'01
	6793 May 20 18:11	0° Π		minimum elong	6795 Oct 20 14:12	0° M 52'25	8°36'59
				min. Earth dist.	6795 Oct 20 20:06	0° M 43'08	0.29100 AU
superior conj	6793 May 31 18:03	13° Π 44'44	-1°03'39		6795 Oct 21 23:35	30° R A	
minimum elong	6793 Jun 01 05:13	14° Π 19'35	1°03'20	morning rise	6795 Oct 23 21:37	28° A 48'55	
max. Earth dist.	6793 Jun 04 06:58	18° Π 09'44	1.71938 AU	direct	6795 Nov 11 04:38	22° A 33'47	
	6793 Jun 13 18:57	0° S		greatest brilliancy	6795 Nov 21 20:20	24° A 38'10	-4.8m
asc. node	6793 Jun 30 03:29	20° S 19'21			6795 Dec 02 08:31	0° M	
	6793 Jul 07 22:58	0° Ω		asc. node	6795 Dec 15 23:01	10° M 10'42	
evening rise	6793 Jul 09 21:00	2° Ω 22'21		morning max el	6795 Dec 30 19:31	23° M 55'06	46°12'34
	6793 Aug 01 06:41	0° M			6796 Jan 05 19:58	0° X	
	6793 Aug 25 18:39	0° A			6796 Feb 02 05:32	0° S	
	6793 Sep 19 12:20	0° M			6796 Feb 27 19:08	0° \approx	
	6793 Oct 14 14:14	0° X			6796 Mar 23 13:40	0° X	
desc. node	6793 Oct 19 20:02	6° X 12'11		desc. node	6796 Apr 05 15:26	16° X 02'59	
	6793 Nov 09 04:01	0° S			6796 Apr 16 22:42	0° Υ	
	6793 Dec 05 12:57	0° \approx			6796 May 11 03:10	0° S	
	6794 Jan 02 16:22	0° X			6796 Jun 04 06:25	0° Π	

	6796 Jun 28 10:35	0°☿		minimum elong	6798 Dec 30 18:30	9°☿52'40	3°10'06
morning set	6796 Jul 04 05:08	7°☿09'00		min. Earth dist.	6798 Dec 31 06:58	9°☿33'29	0.27575 AU
	6796 Jul 22 16:30	0°♌		morning rise	6799 Jan 05 17:12	6°☿21'28	
asc. node	6796 Jul 27 15:20	6°♌07'01		asc. node	6799 Jan 12 10:50	3°☿21'36	
				direct	6799 Jan 20 11:06	2°☿02'26	
superior conj	6796 Aug 11 00:56	23°♌53'13	0°33'48	greatest brilliancy	6799 Jan 31 13:03	4°☿19'43	-4.9m
minimum elong	6796 Aug 10 18:07	23°♌32'12	0°33'27		6799 Mar 06 23:37	0°♍	
max. Earth dist.	6796 Aug 12 12:30	25°♌42'52	1.73168 AU	morning max el	6799 Mar 12 00:08	4°♍58'53	46°54'32
	6796 Aug 15 23:54	0°♎			6799 Apr 04 07:38	0°♋	
	6796 Sep 09 08:21	0°♏			6799 Apr 30 07:10	0°♎	
evening rise	6796 Sep 16 13:05	8°♏51'17		desc. node	6799 May 04 03:33	4°♎33'07	
	6796 Oct 03 18:05	0°♐			6799 May 25 09:36	0°♏	
	6796 Oct 28 05:57	0°♑			6799 Jun 19 03:07	0°♐	
desc. node	6796 Nov 16 07:52	23°♑15'51			6799 Jul 13 17:17	0°☿	
	6796 Nov 21 20:47	0°☿			6799 Aug 07 06:15	0°♌	
	6796 Dec 16 15:07	0°♍		asc. node	6799 Aug 25 03:15	21°♌53'15	
	6797 Jan 10 14:18	0°♋			6799 Aug 31 18:06	0°♎	
	6797 Feb 04 23:31	0°♎		morning set	6799 Sep 12 12:06	14°♎25'14	
	6797 Mar 03 10:20	0°♏			6799 Sep 25 04:13	0°♏	
asc. node	6797 Mar 09 08:11	6°♏22'49		max. Earth dist.	6799 Oct 17 16:52	27°♏45'16	1.73261 AU
evening max el	6797 Mar 18 11:59	15°♏54'43	47°03'31				
	6797 Apr 02 07:08	0°♐		superior conj	6799 Oct 19 01:04	29°♏24'36	1°25'41
greatest brilliancy	6797 Apr 27 23:29	17°♐04'26	-4.9m	minimum elong	6799 Oct 19 00:34	29°♏23'03	1°25'43
retrograde	6797 May 08 02:26	19°♐00'24			6799 Oct 19 12:33	0°♐	
evening set	6797 May 24 20:34	13°♐33'47			6799 Nov 12 19:40	0°♑	
inferior conj	6797 May 29 00:01	11°♐02'00	6°54'22	evening rise	6799 Nov 24 22:25	14°♑58'20	
minimum elong	6797 May 29 10:42	10°♐45'24	6°52'07		6799 Dec 07 02:16	0°☿	
min. Earth dist.	6797 May 28 22:56	11°♐03'41	0.27502 AU	desc. node	6799 Dec 14 19:46	9°☿33'18	
morning rise	6797 Jun 03 01:05	7°♐59'37			6799 Dec 31 08:36	0°♍	
direct	6797 Jun 18 19:46	3°♐09'57			6800 Jan 24 14:46	0°♋	
greatest brilliancy	6797 Jun 28 12:54	4°♐54'34	-4.8m		6800 Feb 17 21:48	0°♎	
desc. node	6797 Jun 29 01:06	5°♐05'19			6800 Mar 13 08:57	0°♏	
	6797 Aug 02 23:42	0°☿		asc. node	6800 Apr 05 19:55	28°♏16'34	
morning max el	6797 Aug 07 02:49	3°☿56'02	46°01'04		6800 Apr 07 06:44	0°♐	
	6797 Sep 01 09:02	0°♌			6800 May 03 03:50	0°☿	
	6797 Sep 28 05:59	0°♎		evening max el	6800 May 29 05:23	27°☿50'40	46°25'08
asc. node	6797 Oct 20 01:15	25°♎20'06			6800 May 31 09:48	0°♌	
	6797 Oct 24 00:08	0°♏		greatest brilliancy	6800 Jul 06 23:27	27°♌24'15	-4.8m
	6797 Nov 18 01:35	0°♐		retrograde	6800 Jul 18 03:02	29°♌41'25	
	6797 Dec 12 15:45	0°♑		desc. node	6800 Jul 26 12:56	28°♌15'09	
	6798 Jan 05 22:32	0°☿		evening set	6800 Aug 02 04:33	25°♌14'22	
	6798 Jan 30 00:35	0°♍		inferior conj	6800 Aug 08 11:49	21°♌27'40	-3°05'10
morning set	6798 Feb 01 19:37	3°♍29'29		minimum elong	6800 Aug 08 05:17	21°♌37'52	3°03'21
desc. node	6798 Feb 08 17:30	12°♍08'25		min. Earth dist.	6800 Aug 07 21:40	21°♌49'45	0.28532 AU
	6798 Feb 22 23:28	0°♋		morning rise	6800 Aug 14 06:34	17°♌59'21	
max. Earth dist.	6798 Mar 13 13:19	23°♋20'35	1.71201 AU	direct	6800 Aug 29 19:25	13°♌20'28	
				greatest brilliancy	6800 Sep 08 16:11	15°♌06'01	-4.7m
superior conj	6798 Mar 14 14:47	24°♋40'41	-1°10'47		6800 Oct 02 21:51	0°♎	
minimum elong	6798 Mar 14 03:19	24°♋04'37	1°10'26	morning max el	6800 Oct 17 12:36	13°♎02'23	45°41'51
	6798 Mar 18 20:21	0°♎			6800 Nov 03 08:14	0°♏	
	6798 Apr 11 16:49	0°♏		asc. node	6800 Nov 16 13:20	14°♏16'23	
evening rise	6798 Apr 24 07:52	15°♏51'12			6800 Nov 30 12:38	0°♐	
	6798 May 05 14:53	0°♐			6800 Dec 26 03:21	0°♑	
	6798 May 29 16:42	0°☿			6801 Jan 19 22:47	0°☿	
asc. node	6798 Jun 01 17:37	3°☿46'02			6801 Feb 13 07:31	0°♍	
	6798 Jun 23 00:08	0°♌		desc. node	6801 Mar 08 05:24	28°♍30'32	
	6798 Jul 17 15:15	0°♎			6801 Mar 09 10:03	0°♋	
	6798 Aug 11 17:36	0°♏			6801 Apr 02 09:06	0°♎	
	6798 Sep 06 14:19	0°♐		morning set	6801 Apr 19 05:58	21°♎10'13	
desc. node	6798 Sep 21 10:14	16°♐34'09			6801 Apr 26 06:47	0°♏	
	6798 Oct 03 21:43	0°♑			6801 May 20 05:06	0°♐	
evening max el	6798 Oct 21 14:55	17°♑52'10	45°48'50				
	6798 Nov 04 01:57	0°☿		superior conj	6801 May 29 07:07	11°♐21'34	-1°06'10
greatest brilliancy	6798 Nov 30 04:45	16°☿18'03	-4.8m	minimum elong	6801 May 29 18:14	11°♐56'20	1°05'51
retrograde	6798 Dec 09 12:56	17°☿54'18		max. Earth dist.	6801 Jun 01 21:35	15°♐51'35	1.71890 AU
evening set	6798 Dec 24 18:57	13°☿25'23			6801 Jun 13 05:48	0°☿	
inferior conj	6798 Dec 30 11:37	10°☿03'17	-3°12'10	asc. node	6801 Jun 29 05:28	19°☿51'50	

	6801 Jul 07 09:50	0°♎		asc. node	6803 Dec 15 01:00	9°♎11'08	
evening rise	6801 Jul 07 12:29	0°♎08'12		morning max el	6803 Dec 28 09:50	21°♎37'31	46°10'56
	6801 Jul 31 17:40	0°♎			6804 Jan 05 15:36	0°♎	
	6801 Aug 25 05:52	0°♎			6804 Feb 01 20:39	0°♎	
	6801 Sep 18 24:00	0°♎			6804 Feb 27 08:30	0°♎	
	6801 Oct 14 02:39	0°♎			6804 Mar 23 02:08	0°♎	
desc. node	6801 Oct 18 22:03	5°♎40'53		desc. node	6804 Apr 04 17:31	15°♎32'02	
	6801 Nov 08 17:46	0°♎			6804 Apr 16 10:37	0°♎	
	6801 Dec 05 05:20	0°♎			6804 May 10 14:43	0°♎	
evening max el	6802 Jan 02 06:17	29°♎37'19	46°38'29		6804 Jun 03 17:42	0°♎	
	6802 Jan 02 15:28	0°♎			6804 Jun 27 21:40	0°♎	
asc. node	6802 Feb 08 22:34	28°♎58'15		morning set	6804 Jul 01 20:26	4°♎53'38	
greatest brilliancy	6802 Feb 11 10:19	29°♎57'29	-4.9m		6804 Jul 22 03:25	0°♎	
	6802 Feb 11 13:08	0°♎		asc. node	6804 Jul 26 17:15	5°♎39'22	
retrograde	6802 Feb 21 10:09	1°♎49'57					
	6802 Mar 02 20:55	30°♎		superior conj	6804 Aug 08 17:51	21°♎44'04	0°30'43
evening set	6802 Mar 09 07:00	26°♎52'47		minimum elong	6804 Aug 08 11:32	21°♎24'36	0°30'24
inferior conj	6802 Mar 13 23:48	24°♎03'43	7°24'07	max. Earth dist.	6804 Aug 10 06:44	23°♎37'50	1.73136 AU
minimum elong	6802 Mar 13 13:10	24°♎20'02	7°22'05		6804 Aug 15 10:42	0°♎	
min. Earth dist.	6802 Mar 13 14:15	24°♎18'24	0.26883 AU		6804 Sep 08 19:09	0°♎	
morning rise	6802 Mar 17 19:30	21°♎45'32		evening rise	6804 Sep 14 07:16	6°♎46'20	
direct	6802 Apr 03 13:59	16°♎19'33			6804 Oct 03 05:01	0°♎	
greatest brilliancy	6802 Apr 13 01:22	18°♎02'12	-4.9m		6804 Oct 27 17:11	0°♎	
	6802 May 03 01:53	0°♎		desc. node	6804 Nov 15 09:56	22°♎46'58	
morning max el	6802 May 23 22:17	18°♎57'24	46°48'00		6804 Nov 21 08:29	0°♎	
desc. node	6802 May 31 15:24	26°♎50'37			6804 Dec 16 03:28	0°♎	
	6802 Jun 03 15:29	0°♎			6805 Jan 10 03:37	0°♎	
	6802 Jun 30 19:02	0°♎			6805 Feb 04 14:30	0°♎	
	6802 Jul 26 16:20	0°♎			6805 Mar 03 04:59	0°♎	
	6802 Aug 21 00:42	0°♎		asc. node	6805 Mar 08 10:13	5°♎35'14	
	6802 Sep 15 01:13	0°♎		evening max el	6805 Mar 16 00:36	13°♎27'44	47°03'49
asc. node	6802 Sep 21 15:13	7°♎57'02			6805 Apr 02 15:32	0°♎	
	6802 Oct 09 19:07	0°♎		greatest brilliancy	6805 Apr 25 14:48	14°♎42'52	-4.9m
	6802 Nov 03 07:05	0°♎		retrograde	6805 May 05 16:08	16°♎37'52	
morning set	6802 Nov 19 23:14	20°♎33'37		evening set	6805 May 22 13:47	11°♎06'23	
	6802 Nov 27 14:23	0°♎		inferior conj	6805 May 26 13:47	8°♎39'56	7°09'16
	6802 Dec 21 18:30	0°♎		minimum elong	6805 May 27 00:20	8°♎23'34	7°07'08
max. Earth dist.	6802 Dec 24 16:50	3°♎38'41	1.72254 AU	min. Earth dist.	6805 May 26 13:07	8°♎40'58	0.27479 AU
				morning rise	6805 May 31 11:04	5°♎42'57	
superior conj	6802 Dec 27 12:49	7°♎10'09	0°34'45	direct	6805 Jun 16 08:26	0°♎47'58	
minimum elong	6802 Dec 27 20:22	7°♎33'39	0°34'28	greatest brilliancy	6805 Jun 26 02:36	2°♎33'16	-4.8m
desc. node	6803 Jan 11 07:35	25°♎35'19		desc. node	6805 Jun 28 03:06	3°♎18'48	
	6803 Jan 14 20:26	0°♎			6805 Aug 03 00:16	0°♎	
evening rise	6803 Feb 04 23:11	26°♎22'47		morning max el	6805 Aug 04 16:58	1°♎37'56	46°02'42
	6803 Feb 07 20:37	0°♎			6805 Sep 01 01:31	0°♎	
	6803 Mar 03 19:42	0°♎			6805 Sep 27 19:38	0°♎	
	6803 Mar 27 19:20	0°♎		asc. node	6805 Oct 19 03:23	24°♎49'44	
	6803 Apr 20 22:25	0°♎			6805 Oct 23 12:25	0°♎	
asc. node	6803 May 04 07:47	16°♎29'57			6805 Nov 17 13:11	0°♎	
	6803 May 15 08:51	0°♎			6805 Dec 12 03:01	0°♎	
	6803 Jun 09 07:51	0°♎			6806 Jan 05 09:39	0°♎	
	6803 Jul 05 04:47	0°♎			6806 Jan 29 11:39	0°♎	
	6803 Aug 02 00:14	0°♎		morning set	6806 Jan 30 07:59	1°♎03'32	
evening max el	6803 Aug 08 22:01	6°♎51'06	45°41'41	desc. node	6806 Feb 07 19:27	11°♎39'54	
desc. node	6803 Aug 24 00:36	20°♎27'42			6806 Feb 22 10:30	0°♎	
	6803 Sep 06 04:41	0°♎		max. Earth dist.	6806 Mar 10 20:44	20°♎38'15	1.71216 AU
greatest brilliancy	6803 Sep 16 13:10	5°♎04'27	-4.7m				
retrograde	6803 Sep 26 18:08	6°♎57'02		superior conj	6806 Mar 12 01:27	22°♎08'31	-1°08'21
evening set	6803 Oct 14 22:02	0°♎47'59		minimum elong	6806 Mar 11 13:43	21°♎31'37	1°07'58
	6803 Oct 16 05:18	30°♎			6806 Mar 18 07:24	0°♎	
inferior conj	6803 Oct 18 06:43	28°♎42'34	-8°36'22		6806 Apr 11 03:53	0°♎	
minimum elong	6803 Oct 18 05:48	28°♎44'00	8°36'19	evening rise	6806 Apr 21 18:25	13°♎19'01	
min. Earth dist.	6803 Oct 18 11:39	28°♎34'47	0.29121 AU		6806 May 05 02:01	0°♎	
morning rise	6803 Oct 21 13:30	26°♎39'49			6806 May 29 03:56	0°♎	
direct	6803 Nov 08 20:42	20°♎24'01		asc. node	6806 May 31 19:36	3°♎17'18	
greatest brilliancy	6803 Nov 19 12:10	22°♎27'26	-4.8m		6806 Jun 22 11:35	0°♎	
	6803 Dec 03 07:47	0°♎			6806 Jul 17 03:07	0°♎	

	6806 Aug 11 06:15	0°♌		desc. node	6809 Mar 07 07:30	28°♏02'21	
	6806 Sep 06 04:32	0°♍			6809 Mar 08 21:10	0°♎	
desc. node	6806 Sep 20 12:21	15°♍56'52			6809 Apr 01 20:06	0°♏	
	6806 Oct 03 15:39	0°♎		morning set	6809 Apr 16 16:42	18°♏39'00	
evening max el	6806 Oct 19 05:36	15°♎37'51 45°47'47			6809 Apr 25 17:42	0°♐	
	6806 Nov 04 10:32	0°♐			6809 May 19 15:56	0°♑	
greatest brilliancy	6806 Nov 27 17:54	13°♐59'41 -4.8m					
retrograde	6806 Dec 07 03:09	15°♐36'33		superior conj	6809 May 26 19:33	8°♑56'36 -1°08'35	
evening set	6806 Dec 22 11:22	11°♐03'43		minimum elong	6809 May 27 06:33	9°♑31'00 1°08'18	
inferior conj	6806 Dec 28 01:48	7°♐44'28 -3°32'43		max. Earth dist.	6809 May 30 11:31	13°♑31'27 1.71843 AU	
minimum elong	6806 Dec 28 09:18	7°♐32'55 3°30'29			6809 Jun 12 16:34	0°♒	
min. Earth dist.	6806 Dec 28 21:32	7°♐14'06 0.27639 AU		asc. node	6809 Jun 28 07:22	19°♒24'16	
morning rise	6807 Jan 03 06:28	4°♐04'06		evening rise	6809 Jul 05 03:14	27°♒51'57	
asc. node	6807 Jan 11 12:45	0°♐36'00			6809 Jul 06 20:37	0°♓	
	6807 Jan 14 08:22	30°♑♎			6809 Jul 31 04:32	0°♑	
direct	6807 Jan 18 02:24	29°♎42'39			6809 Aug 24 16:58	0°♌	
	6807 Jan 21 22:03	0°♐			6809 Sep 18 11:31	0°♍	
greatest brilliancy	6807 Jan 29 04:25	2°♐00'33 -4.9m			6809 Oct 13 14:56	0°♎	
	6807 Mar 06 23:34	0°♏		desc. node	6809 Oct 18 00:06	5°♎10'09	
morning max el	6807 Mar 09 16:03	2°♏41'21 46°53'33			6809 Nov 08 07:25	0°♐	
	6807 Apr 04 00:19	0°♎			6809 Dec 04 21:40	0°♑	
	6807 Apr 29 21:18	0°♏		evening max el	6809 Dec 30 20:23	27°♏16'45 46°36'45	
desc. node	6807 May 03 05:37	3°♏58'04			6810 Jan 02 15:04	0°♎	
	6807 May 24 22:26	0°♐		asc. node	6810 Feb 08 00:35	27°♎11'00	
	6807 Jun 18 15:09	0°♑		greatest brilliancy	6810 Feb 08 23:38	27°♎32'29 -4.9m	
	6807 Jul 13 04:47	0°♒		retrograde	6810 Feb 18 22:35	29°♎23'56	
	6807 Aug 06 17:22	0°♓		evening set	6810 Mar 06 15:47	24°♎33'13	
asc. node	6807 Aug 24 05:14	21°♓25'51		min. Earth dist.	6810 Mar 11 03:35	21°♎52'13 0.26872 AU	
	6807 Aug 31 04:57	0°♑		inferior conj	6810 Mar 11 12:37	21°♎38'20 7°09'21	
morning set	6807 Sep 10 05:25	12°♑17'50		minimum elong	6810 Mar 11 01:46	21°♎55'00 7°07'09	
	6807 Sep 24 14:56	0°♌		morning rise	6810 Mar 15 11:51	19°♎14'44	
max. Earth dist.	6807 Oct 15 14:31	25°♌51'05 1.73274 AU		direct	6810 Apr 01 02:42	13°♎54'18	
				greatest brilliancy	6810 Apr 10 15:13	15°♎37'29 -4.9m	
superior conj	6807 Oct 16 18:55	27°♌18'41 1°25'32			6810 May 03 14:15	0°♏	
minimum elong	6807 Oct 16 17:42	27°♌14'56 1°25'34		morning max el	6810 May 21 10:35	16°♏31'17 46°48'59	
	6807 Oct 18 23:13	0°♍		desc. node	6810 May 30 17:21	26°♏03'29	
	6807 Nov 12 06:23	0°♎			6810 Jun 03 10:34	0°♐	
evening rise	6807 Nov 22 14:49	12°♎47'25			6810 Jun 30 09:56	0°♑	
	6807 Dec 06 13:08	0°♐			6810 Jul 26 05:22	0°♒	
desc. node	6807 Dec 13 21:43	9°♐05'30			6810 Aug 20 12:41	0°♓	
	6807 Dec 30 19:43	0°♏			6810 Sep 14 12:32	0°♑	
	6808 Jan 24 02:14	0°♎		asc. node	6810 Sep 20 17:19	7°♑29'33	
	6808 Feb 17 09:45	0°♏			6810 Oct 09 06:02	0°♌	
	6808 Mar 12 21:35	0°♐			6810 Nov 02 17:47	0°♍	
asc. node	6808 Apr 04 21:58	27°♐42'03		morning set	6810 Nov 17 15:50	18°♍23'45	
	6808 Apr 06 20:31	0°♑			6810 Nov 27 01:00	0°♎	
	6808 May 02 20:00	0°♒			6810 Dec 21 05:08	0°♐	
evening max el	6808 May 26 21:44	25°♒37'25 46°27'02		max. Earth dist.	6810 Dec 22 05:57	1°♐17'10 1.72297 AU	
	6808 May 31 09:03	0°♓					
greatest brilliancy	6808 Jul 04 15:22	25°♓11'13 -4.8m		superior conj	6810 Dec 25 03:26	4°♐53'15 0°37'59	
retrograde	6808 Jul 15 19:26	27°♓28'27		minimum elong	6810 Dec 25 11:30	5°♐18'19 0°37'40	
desc. node	6808 Jul 25 14:52	25°♓31'29		desc. node	6811 Jan 10 09:34	25°♐08'11	
evening set	6808 Jul 30 19:29	23°♓02'55			6811 Jan 14 07:08	0°♏	
min. Earth dist.	6808 Aug 05 13:08	19°♓37'20 0.28487 AU		evening rise	6811 Feb 02 11:58	23°♏59'02	
inferior conj	6808 Aug 06 03:23	19°♓15'07 -2°45'38			6811 Feb 07 07:25	0°♎	
minimum elong	6808 Aug 05 21:27	19°♓24'22 2°43'58			6811 Mar 03 06:37	0°♏	
morning rise	6808 Aug 12 00:05	15°♓44'19			6811 Mar 27 06:25	0°♐	
direct	6808 Aug 27 11:11	11°♓08'42			6811 Apr 20 09:49	0°♑	
greatest brilliancy	6808 Sep 06 06:29	12°♓53'25 -4.7m		asc. node	6811 May 03 09:45	16°♑00'14	
	6808 Oct 03 04:17	0°♑			6811 May 14 20:47	0°♒	
morning max el	6808 Oct 15 04:26	10°♑52'12 45°41'41			6811 Jun 08 20:43	0°♓	
	6808 Nov 03 01:31	0°♌			6811 Jul 04 19:33	0°♑	
asc. node	6808 Nov 15 15:13	13°♌39'24			6811 Aug 01 20:05	0°♍	
	6808 Nov 30 02:30	0°♍		evening max el	6811 Aug 06 12:22	4°♌36'40 45°42'29	
	6808 Dec 25 15:46	0°♎		desc. node	6811 Aug 23 02:45	19°♌27'25	
	6809 Jan 19 10:28	0°♐			6811 Sep 07 15:29	0°♍	
	6809 Feb 12 18:49	0°♏		greatest brilliancy	6811 Sep 14 04:12	2°♍54'23 -4.7m	

retrograde	6811 Sep 24 09:38	4°♍48'00		max. Earth dist.	6814 Mar 08 05:46	18°♋01'58	1.71231 AU
	6811 Oct 10 06:29	30°♋♎					
evening set	6811 Oct 12 12:45	28°♎40'37		superior conj	6814 Mar 09 12:04	19°♋37'12	-1°05'47
inferior conj	6811 Oct 15 22:53	26°♎33'08	-8°34'53	minimum elong	6814 Mar 09 00:11	18°♋59'51	1°05'23
minimum elong	6811 Oct 15 21:12	26°♎35'48	8°34'49		6814 Mar 17 18:08	0°♍	
min. Earth dist.	6811 Oct 16 03:03	26°♎26'36	0.29138 AU		6814 Apr 10 14:39	0°♋	
morning rise	6811 Oct 19 05:33	24°♎30'34		evening rise	6814 Apr 19 05:06	10°♋48'12	
direct	6811 Nov 06 12:22	18°♎14'22			6814 May 04 12:49	0°♐	
greatest brilliancy	6811 Nov 17 04:14	20°♎17'37	-4.8m		6814 May 28 14:49	0°♌	
	6811 Dec 04 00:35	0°♍		asc. node	6814 May 30 21:31	2°♌49'28	
asc. node	6811 Dec 14 02:58	8°♍13'42			6814 Jun 21 22:40	0°♎	
morning max el	6811 Dec 26 00:21	19°♍21'28	46°09'29		6814 Jul 16 14:39	0°♎	
	6812 Jan 05 10:20	0°♊			6814 Aug 10 18:38	0°♎	
	6812 Feb 01 11:13	0°♊			6814 Sep 05 18:39	0°♍	
	6812 Feb 26 21:23	0°♋		desc. node	6814 Sep 19 14:20	15°♍19'28	
	6812 Mar 22 14:08	0°♋			6814 Oct 03 09:51	0°♊	
desc. node	6812 Apr 03 19:32	15°♋02'15		evening max el	6814 Oct 16 20:55	13°♊25'31	45°46'36
	6812 Apr 15 22:03	0°♍			6814 Nov 04 22:04	0°♊	
	6812 May 10 01:47	0°♋		greatest brilliancy	6814 Nov 25 07:03	11°♊41'43	-4.8m
	6812 Jun 03 04:31	0°♐		retrograde	6814 Dec 04 17:13	13°♊18'49	
	6812 Jun 27 08:19	0°♌		evening set	6814 Dec 20 03:51	8°♊42'17	
morning set	6812 Jun 29 11:41	2°♌39'12		inferior conj	6814 Dec 25 15:53	5°♊25'54	-3°52'48
	6812 Jul 21 13:58	0°♎		minimum elong	6814 Dec 25 23:56	5°♊13'29	3°50'28
asc. node	6812 Jul 25 19:18	5°♎13'09		min. Earth dist.	6814 Dec 26 11:50	4°♊55'09	0.27701 AU
				morning rise	6814 Dec 31 19:21	1°♊47'09	
superior conj	6812 Aug 06 10:31	19°♎35'03	0°27'35		6815 Jan 04 09:17	30°♋♊	
minimum elong	6812 Aug 06 04:45	19°♎17'17	0°27'16	asc. node	6815 Jan 10 14:47	27°♊55'45	
max. Earth dist.	6812 Aug 07 23:36	21°♎29'27	1.73111 AU	direct	6815 Jan 15 17:46	27°♊23'23	
	6812 Aug 14 21:11	0°♎		greatest brilliancy	6815 Jan 26 19:12	29°♊41'06	-4.9m
	6812 Sep 08 05:40	0°♎			6815 Jan 27 13:49	0°♊	
evening rise	6812 Sep 12 01:08	4°♎41'16			6815 Mar 06 22:15	0°♋	
	6812 Oct 02 15:40	0°♍		morning max el	6815 Mar 07 07:20	0°♋22'54	46°52'31
	6812 Oct 27 04:08	0°♊			6815 Apr 03 16:27	0°♋	
desc. node	6812 Nov 14 11:50	22°♊18'33			6815 Apr 29 11:03	0°♍	
	6812 Nov 20 19:52	0°♊		desc. node	6815 May 02 07:28	3°♍23'18	
	6812 Dec 15 15:31	0°♋			6815 May 24 10:57	0°♋	
	6813 Jan 09 16:41	0°♋			6815 Jun 18 02:54	0°♐	
	6813 Feb 04 05:19	0°♍			6815 Jul 12 15:59	0°♌	
	6813 Mar 02 23:40	0°♋			6815 Aug 06 04:12	0°♎	
asc. node	6813 Mar 07 12:20	4°♋48'24		asc. node	6815 Aug 23 07:18	20°♎59'26	
evening max el	6813 Mar 13 13:55	11°♋03'58	47°04'17		6815 Aug 30 15:33	0°♎	
	6813 Apr 03 02:06	0°♐		morning set	6815 Sep 07 22:55	10°♎11'50	
greatest brilliancy	6813 Apr 23 05:36	12°♐22'21	-4.9m		6815 Sep 24 01:27	0°♎	
retrograde	6813 May 03 06:25	14°♐17'19		max. Earth dist.	6815 Oct 13 10:56	23°♎53'38	1.73293 AU
evening set	6813 May 20 07:06	8°♐40'44					
inferior conj	6813 May 24 03:42	6°♐19'39	7°23'13	superior conj	6815 Oct 14 12:49	25°♎13'24	1°25'15
minimum elong	6813 May 24 14:02	6°♐03'38	7°21'15	minimum elong	6815 Oct 14 10:55	25°♎07'32	1°25'17
min. Earth dist.	6813 May 24 03:03	6°♐20'38	0.27457 AU		6815 Oct 18 09:45	0°♍	
morning rise	6813 May 28 21:07	3°♐28'25			6815 Nov 11 17:01	0°♊	
	6813 Jun 05 05:05	30°♋♋		evening rise	6815 Nov 20 07:01	10°♊36'09	
direct	6813 Jun 13 21:41	28°♋27'45			6815 Dec 05 23:56	0°♊	
	6813 Jun 22 23:54	0°♐		desc. node	6815 Dec 12 23:41	8°♊37'57	
greatest brilliancy	6813 Jun 23 16:01	0°♐13'31	-4.8m		6815 Dec 30 06:47	0°♋	
desc. node	6813 Jun 27 05:03	1°♐38'04			6816 Jan 23 13:39	0°♋	
morning max el	6813 Aug 02 08:00	29°♐23'20	46°04'06		6816 Feb 16 21:39	0°♍	
	6813 Aug 02 23:06	0°♌			6816 Mar 12 10:10	0°♋	
	6813 Aug 31 17:17	0°♎		asc. node	6816 Apr 03 23:52	27°♋07'12	
	6813 Sep 27 08:50	0°♎			6816 Apr 06 10:19	0°♐	
asc. node	6813 Oct 18 05:16	24°♎19'28			6816 May 02 12:21	0°♌	
	6813 Oct 23 00:23	0°♎		evening max el	6816 May 24 13:59	23°♌24'08	46°28'54
	6813 Nov 17 00:30	0°♍			6816 May 31 09:14	0°♎	
	6813 Dec 11 13:59	0°♊		greatest brilliancy	6816 Jul 02 08:01	22°♎59'33	-4.8m
	6814 Jan 04 20:28	0°♊		retrograde	6816 Jul 13 11:35	25°♎15'59	
morning set	6814 Jan 27 20:22	28°♊38'44		desc. node	6816 Jul 24 16:58	22°♎43'58	
	6814 Jan 28 22:23	0°♋		evening set	6816 Jul 28 10:43	20°♎52'00	
desc. node	6814 Feb 06 21:29	11°♋12'40		min. Earth dist.	6816 Aug 03 04:59	17°♎25'17	0.28439 AU
	6814 Feb 21 21:14	0°♋		inferior conj	6816 Aug 03 19:04	17°♎03'18	-2°25'56

minimum elong	6816 Aug 03 13:47	17°01'33"	2°24'25"		6819 Mar 02 17:52	0°09'	
morning rise	6816 Aug 09 17:33	13°03'00"			6819 Mar 26 17:54	0°08'	
direct	6816 Aug 25 02:52	8°05'49"			6819 Apr 19 21:37	0°02'	
greatest brilliancy	6816 Sep 03 21:00	10°04'33"	-4.7m	asc. node	6819 May 02 11:42	15°02'29"	22'
	6816 Oct 03 08:24	0°07'			6819 May 14 09:06	0°06'	
morning max el	6816 Oct 12 19:23	8°07'40"	45°41'27"		6819 Jun 08 09:59	0°01'	
	6816 Nov 02 18:19	0°01'			6819 Jul 04 10:49	0°07'	
asc. node	6816 Nov 14 17:14	13°03'17"			6819 Aug 01 16:53	0°01'	
	6816 Nov 29 16:12	0°03'		evening max el	6819 Aug 04 03:00	2°02'21"	45°43'28"
	6816 Dec 25 04:09	0°02'		desc. node	6819 Aug 22 04:44	18°02'43"	
	6817 Jan 18 22:13	0°03'			6819 Sep 09 21:37	0°03'	
	6817 Feb 12 06:13	0°02'		greatest brilliancy	6819 Sep 11 18:50	0°03'43"	-4.7m
desc. node	6817 Mar 06 09:31	27°02'33"	40'	retrograde	6819 Sep 22 01:48	2°03'38"	59'
	6817 Mar 08 08:21	0°02'			6819 Oct 03 16:34	30°08'01"	
	6817 Apr 01 07:09	0°09'		evening set	6819 Oct 10 03:22	26°03'32"	26'
morning set	6817 Apr 14 03:12	16°06'54"		inferior conj	6819 Oct 13 15:15	24°02'33"	-8°32'43"
	6817 Apr 25 04:38	0°08'		minimum elong	6819 Oct 13 12:47	24°02'27"	8°32'37"
	6817 May 19 02:48	0°02'		min. Earth dist.	6819 Oct 13 18:18	24°01'18"	0.29152 AU
				morning rise	6819 Oct 16 22:07	22°02'05"	
superior conj	6817 May 24 07:58	6°02'31"	-1°10'53"	direct	6819 Nov 04 04:24	16°04'34"	
minimum elong	6817 May 24 18:46	7°05'15"	1°10'38"	greatest brilliancy	6819 Nov 14 20:18	18°07'48"	-4.8m
max. Earth dist.	6817 May 28 00:57	11°09'37"	1.71794 AU		6819 Dec 04 13:13	0°03'	
	6817 Jun 12 03:23	0°06'		asc. node	6819 Dec 13 05:01	7°03'17"	
asc. node	6817 Jun 27 09:27	18°05'11"		morning max el	6819 Dec 23 15:48	17°07'24"	46°08'01"
evening rise	6817 Jul 02 18:00	25°03'53"			6820 Jan 05 04:47	0°02'	
	6817 Jul 06 07:27	0°01'			6820 Feb 01 01:52	0°03'	
	6817 Jul 30 15:27	0°07'			6820 Feb 26 10:29	0°02'	
	6817 Aug 24 04:06	0°01'			6820 Mar 22 02:27	0°02'	
	6817 Sep 17 23:05	0°03'		desc. node	6820 Apr 02 21:25	14°02'30"	52'
desc. node	6817 Oct 13 03:19	0°02'			6820 Apr 15 09:53	0°09'	
	6817 Oct 17 02:01	4°02'38"	49'		6820 May 09 13:18	0°08'	
	6817 Nov 07 21:17	0°03'			6820 Jun 02 15:47	0°02'	
	6817 Dec 04 14:30	0°02'			6820 Jun 26 19:23	0°06'	
evening max el	6817 Dec 28 09:26	24°02'52"	46°34'44"	morning set	6820 Jun 27 02:32	0°02'21"	11'
	6818 Jan 02 16:13	0°02'			6820 Jul 21 00:52	0°01'	
greatest brilliancy	6818 Feb 06 13:04	25°02'06"	-4.9m	asc. node	6820 Jul 24 21:18	4°04'53"	38'
asc. node	6818 Feb 07 02:40	25°02'17"	59'				
retrograde	6818 Feb 16 10:28	26°02'56"	28'	superior conj	6820 Aug 04 02:57	17°02'41"	0°24'23"
evening set	6818 Mar 04 00:25	22°02'11"	44'	minimum elong	6820 Aug 03 21:47	17°02'08"	0°24'05"
min. Earth dist.	6818 Mar 08 17:03	19°02'24"	01' 0.26862 AU	max. Earth dist.	6820 Aug 05 17:38	19°02'23"	34' 1.73082 AU
inferior conj	6818 Mar 09 01:13	19°02'11"	28' 6°53'38"		6820 Aug 14 08:01	0°07'	
minimum elong	6818 Mar 08 14:13	19°02'28"	22' 6°51'17"		6820 Sep 07 16:31	0°01'	
morning rise	6818 Mar 13 04:02	16°02'42"	29'	evening rise	6820 Sep 09 19:07	2°02'35"	34'
direct	6818 Mar 29 14:48	11°02'27"	15'		6820 Oct 02 02:41	0°03'	
greatest brilliancy	6818 Apr 08 05:26	13°02'11"	53' -4.9m		6820 Oct 26 15:25	0°02'	
	6818 May 03 23:49	0°09'		desc. node	6820 Nov 13 13:53	21°02'49"	35'
morning max el	6818 May 18 22:31	14°03'16"	46°50'11"		6820 Nov 20 07:36	0°03'	
desc. node	6818 May 29 19:25	25°01'16"	41'		6820 Dec 15 03:54	0°02'	
	6818 Jun 03 05:23	0°08'			6821 Jan 09 06:07	0°02'	
	6818 Jun 30 00:50	0°02'			6821 Feb 03 20:39	0°09'	
	6818 Jul 25 18:28	0°06'			6821 Mar 02 19:22	0°08'	
	6818 Aug 20 00:46	0°01'		asc. node	6821 Mar 06 14:11	3°02'58"	48'
	6818 Sep 13 23:59	0°07'		evening max el	6821 Mar 11 03:58	8°02'40"	44' 47°04'21"
asc. node	6818 Sep 19 19:13	7°01'01"	02'		6821 Apr 03 17:20	0°02'	
	6818 Oct 08 17:05	0°01'		greatest brilliancy	6821 Apr 20 19:27	9°02'58"	28' -4.9m
	6818 Nov 02 04:36	0°03'		retrograde	6821 Apr 30 20:43	11°02'53"	56'
morning set	6818 Nov 15 08:49	16°03'14"	41'	evening set	6821 May 18 00:04	6°02'12"	14'
	6818 Nov 26 11:45	0°02'		inferior conj	6821 May 21 17:13	3°02'56"	24' 7°36'36"
max. Earth dist.	6818 Dec 19 22:04	29°02'04"	27' 1.72346 AU	minimum elong	6821 May 22 03:16	3°02'40"	53' 7°34'48"
	6818 Dec 20 15:57	0°03'		min. Earth dist.	6821 May 21 16:17	3°02'57"	51' 0.27437 AU
				morning rise	6821 May 26 06:38	1°02'11"	20'
superior conj	6818 Dec 22 18:20	2°03'36"	41' 0°41'06"		6821 May 28 10:18	30°08'01"	
minimum elong	6818 Dec 23 02:51	3°03'03"	08' 0°40'48"	direct	6821 Jun 11 11:13	26°08'04"	46'
desc. node	6819 Jan 09 11:40	24°03'40"	40'	greatest brilliancy	6821 Jun 21 04:39	27°02'50"	25' -4.8m
	6819 Jan 13 18:04	0°02'		desc. node	6821 Jun 26 07:08	29°02'58"	53'
evening rise	6819 Jan 31 00:48	21°02'34"	37'		6821 Jun 26 08:03	0°02'	
	6819 Feb 06 18:30	0°02'		morning max el	6821 Jul 30 23:16	27°02'07"	32' 46°05'39"

	6821 Aug 02 21:41	0°☿			6824 Mar 11 23:00	0°♄	
	6821 Aug 31 09:16	0°♌		asc. node	6824 Apr 03 01:55	26°♄32'10	
	6821 Sep 26 22:20	0°♍			6824 Apr 06 00:22	0°♊	
asc. node	6821 Oct 17 07:14	23°♍48'25			6824 May 02 05:08	0°☿	
	6821 Oct 22 12:39	0°♊		evening max el	6824 May 22 05:11	21°☿07'36	46°30'31
	6821 Nov 16 12:08	0°♋			6824 May 31 10:53	0°♌	
	6821 Dec 11 01:17	0°♎		greatest brilliancy	6824 Jun 30 01:00	20°♌47'16	-4.8m
	6822 Jan 04 07:35	0°♏		retrograde	6824 Jul 11 03:05	23°♌02'23	
morning set	6822 Jan 25 09:25	26°♏15'12		desc. node	6824 Jul 23 18:55	19°♌51'08	
	6822 Jan 28 09:25	0°♐		evening set	6824 Jul 26 02:00	18°♌39'39	
desc. node	6822 Feb 05 23:29	10°♐44'21		inferior conj	6824 Aug 01 10:38	14°♌50'28	-2°05'50
	6822 Feb 21 08:14	0°♑		minimum elong	6824 Aug 01 06:02	14°♌57'39	2°04'30
max. Earth dist.	6822 Mar 05 15:55	15°♑28'20	1.71248 AU	min. Earth dist.	6824 Jul 31 21:08	15°♌11'35	0.28396 AU
				morning rise	6824 Aug 07 10:46	11°♌14'38	
superior conj	6822 Mar 06 23:07	17°♑06'21	-1°03'07	direct	6824 Aug 22 18:02	6°♌45'43	
minimum elong	6822 Mar 06 11:12	16°♑28'55	1°02'41	greatest brilliancy	6824 Sep 01 12:10	8°♌29'10	-4.7m
	6822 Mar 17 05:11	0°♒			6824 Oct 03 11:15	0°♍	
	6822 Apr 10 01:46	0°♈		morning max el	6824 Oct 10 09:28	6°♍25'28	45°41'22
evening rise	6822 Apr 16 15:54	8°♈16'36			6824 Nov 02 11:03	0°♊	
	6822 May 04 00:01	0°♋		asc. node	6824 Nov 13 19:19	12°♊27'05	
	6822 May 28 02:09	0°☿			6824 Nov 29 05:57	0°♋	
asc. node	6822 May 29 23:36	2°☿20'46			6824 Dec 24 16:35	0°♎	
	6822 Jun 21 10:15	0°♌			6825 Jan 18 10:00	0°♏	
	6822 Jul 16 02:41	0°♍			6825 Feb 11 17:39	0°♐	
	6822 Aug 10 07:33	0°♊		desc. node	6825 Mar 05 11:22	27°♐04'16	
desc. node	6822 Sep 05 09:20	0°♋			6825 Mar 07 19:36	0°♑	
	6822 Sep 18 16:15	14°♋40'28			6825 Mar 31 18:15	0°♒	
	6822 Oct 03 04:54	0°♎		morning set	6825 Apr 11 13:52	13°♒35'03	
evening max el	6822 Oct 14 12:19	11°♎12'31	45°45'32		6825 Apr 24 15:36	0°♈	
	6822 Nov 05 13:57	0°♏			6825 May 18 13:40	0°♊	
greatest brilliancy	6822 Nov 22 20:54	9°♏24'17	-4.8m				
retrograde	6822 Dec 02 07:07	11°♏00'57		superior conj	6825 May 21 20:39	4°♊07'07	-1°13'03
evening set	6822 Dec 17 20:41	6°♏20'51		minimum elong	6825 May 22 07:10	4°♊40'00	1°12'49
inferior conj	6822 Dec 23 06:13	3°♏07'25	-4°12'18	max. Earth dist.	6825 May 25 13:05	8°♊43'36	1.71744 AU
minimum elong	6822 Dec 23 14:45	2°♏54'12	4°09'55		6825 Jun 11 14:13	0°☿	
min. Earth dist.	6822 Dec 24 02:27	2°♏36'09	0.27759 AU	asc. node	6825 Jun 26 11:26	18°☿29'43	
	6822 Dec 28 10:55	30°♑♎		evening rise	6825 Jun 30 08:49	23°☿19'07	
morning rise	6822 Dec 29 08:13	29°♎30'19			6825 Jul 05 18:18	0°♌	
asc. node	6823 Jan 09 16:50	25°♎20'50			6825 Jul 30 02:26	0°♍	
direct	6823 Jan 13 09:08	25°♎04'16			6825 Aug 23 15:20	0°♊	
greatest brilliancy	6823 Jan 24 10:08	27°♎21'28	-4.9m		6825 Sep 17 10:47	0°♋	
	6823 Jan 30 00:08	0°♏			6825 Oct 12 15:52	0°♎	
morning max el	6823 Mar 04 21:50	28°♏02'00	46°51'31	desc. node	6825 Oct 16 04:03	4°♎07'29	
	6823 Mar 06 20:15	0°♐			6825 Nov 07 11:21	0°♏	
	6823 Apr 03 08:31	0°♑			6825 Dec 04 07:43	0°♐	
	6823 Apr 29 00:53	0°♒		evening max el	6825 Dec 25 21:44	22°♐27'22	46°32'55
desc. node	6823 May 01 09:33	2°♒48'46			6826 Jan 02 18:42	0°♑	
	6823 May 23 23:38	0°♈		greatest brilliancy	6826 Feb 04 02:16	22°♑39'47	-4.9m
	6823 Jun 17 14:54	0°♋		asc. node	6826 Feb 06 04:33	23°♑20'24	
	6823 Jul 12 03:31	0°☿		retrograde	6826 Feb 13 22:33	24°♑29'33	
	6823 Aug 05 15:23	0°♌		evening set	6826 Mar 01 09:14	19°♑50'00	
asc. node	6823 Aug 22 09:13	20°♌31'29		inferior conj	6826 Mar 06 13:50	16°♑44'50	6°37'08
	6823 Aug 30 02:31	0°♍		minimum elong	6826 Mar 06 02:46	17°♑01'48	6°34'39
morning set	6823 Sep 05 16:08	8°♍03'51		min. Earth dist.	6826 Mar 06 06:31	16°♑56'04	0.26857 AU
	6823 Sep 23 12:16	0°♊		morning rise	6826 Mar 10 20:16	14°♑10'42	
max. Earth dist.	6823 Oct 11 05:51	21°♊50'43	1.73305 AU	direct	6826 Mar 27 02:56	9°♑00'12	
				greatest brilliancy	6826 Apr 05 19:50	10°♑46'43	-4.9m
superior conj	6823 Oct 12 06:33	23°♊06'52	1°24'52		6826 May 04 06:44	0°♒	
minimum elong	6823 Oct 12 03:59	22°♊58'56	1°24'53	morning max el	6826 May 16 11:08	11°♒37'08	46°51'28
	6823 Oct 17 20:32	0°♋		desc. node	6826 May 28 21:24	24°♒30'36	
	6823 Nov 11 03:53	0°♎			6826 Jun 02 23:37	0°♈	
evening rise	6823 Nov 17 23:15	8°♎24'17			6826 Jun 29 15:25	0°♋	
	6823 Dec 05 10:59	0°♏			6826 Jul 25 07:21	0°☿	
desc. node	6823 Dec 12 01:45	8°♏10'00			6826 Aug 19 12:41	0°♌	
	6823 Dec 29 18:07	0°♐			6826 Sep 13 11:19	0°♍	
	6824 Jan 23 01:20	0°♑		asc. node	6826 Sep 18 21:11	6°♍32'58	
	6824 Feb 16 09:47	0°♒			6826 Oct 08 04:03	0°♊	

	6826 Nov 01 15:23	0°♍		retrograde	6829 Apr 28 11:08	9°♐31'12	
morning set	6826 Nov 13 01:37	14°♍05'07		evening set	6829 May 15 17:02	3°♐44'35	
	6826 Nov 25 22:28	0°♌		inferior conj	6829 May 19 06:42	1°♐33'52	7°49'17
max. Earth dist.	6826 Dec 17 15:43	26°♌56'42	1.72390 AU	minimum elong	6829 May 19 16:23	1°♐18'54	7°47'38
				min. Earth dist.	6829 May 19 05:09	1°♐36'16	0.27416 AU
superior conj	6826 Dec 20 09:04	0°♋19'51	0°44'11		6829 May 21 19:58	30°♋	
minimum elong	6826 Dec 20 17:59	0°♋47'33	0°43'52	morning rise	6829 May 23 15:56	28°♋55'03	
	6826 Dec 20 02:41	0°♋		direct	6829 Jun 09 00:59	23°♋42'45	
desc. node	6827 Jan 08 13:34	24°♋12'56		greatest brilliancy	6829 Jun 18 16:41	25°♋27'26	-4.8m
	6827 Jan 13 04:54	0°♌		desc. node	6829 Jun 25 09:05	28°♋24'02	
evening rise	6827 Jan 28 13:36	19°♌10'38			6829 Jun 28 05:35	0°♐	
	6827 Feb 06 05:27	0°♋		morning max el	6829 Jul 28 14:20	24°♐52'12	46°07'09
	6827 Mar 02 04:59	0°♌			6829 Aug 02 18:59	0°♋	
	6827 Mar 26 05:15	0°♋			6829 Aug 31 00:36	0°♐	
	6827 Apr 19 09:18	0°♐			6829 Sep 26 11:20	0°♌	
asc. node	6827 May 01 13:46	14°♐59'18		asc. node	6829 Oct 16 09:20	23°♌19'02	
	6827 May 13 21:18	0°♋			6829 Oct 22 00:30	0°♌	
	6827 Jun 07 23:09	0°♐			6829 Nov 15 23:22	0°♍	
	6827 Jul 04 02:03	0°♌			6829 Dec 10 12:13	0°♌	
	6827 Aug 01 14:07	0°♌			6830 Jan 03 18:23	0°♋	
evening max el	6827 Aug 01 18:11	0°♌09'51	45°44'31	morning set	6830 Jan 22 22:19	23°♋52'02	
desc. node	6827 Aug 21 06:37	17°♌20'55			6830 Jan 27 20:10	0°♌	
greatest brilliancy	6827 Sep 09 08:51	28°♌32'36	-4.7m	desc. node	6830 Feb 05 01:25	10°♌16'44	
	6827 Sep 14 14:20	0°♍			6830 Feb 20 19:00	0°♋	
retrograde	6827 Sep 19 18:24	0°♍30'24		max. Earth dist.	6830 Mar 02 22:38	12°♋44'47	1.71265 AU
	6827 Sep 24 19:28	30°♋					
evening set	6827 Oct 07 17:38	24°♌27'01		superior conj	6830 Mar 04 09:50	14°♋35'21	-1°00'17
inferior conj	6827 Oct 11 07:31	22°♌14'13	-8°29'51	minimum elong	6830 Mar 03 21:59	13°♋58'08	0°59'50
minimum elong	6827 Oct 11 04:18	22°♌19'15	8°29'41		6830 Mar 16 15:58	0°♌	
min. Earth dist.	6827 Oct 11 09:08	22°♌11'41	0.29166 AU		6830 Apr 09 12:35	0°♋	
morning rise	6827 Oct 14 14:56	20°♌10'56		evening rise	6830 Apr 14 02:18	5°♋44'35	
direct	6827 Nov 01 20:49	13°♌55'10			6830 May 03 10:53	0°♐	
greatest brilliancy	6827 Nov 12 11:52	15°♌57'55	-4.8m		6830 May 27 13:08	0°♋	
	6827 Dec 04 22:24	0°♍		asc. node	6830 May 29 01:33	1°♋52'47	
asc. node	6827 Dec 12 06:59	6°♍22'11			6830 Jun 20 21:29	0°♐	
morning max el	6827 Dec 21 07:59	14°♍55'42	46°06'31		6830 Jul 15 14:24	0°♌	
	6828 Jan 04 22:40	0°♌			6830 Aug 09 20:10	0°♌	
	6828 Jan 31 16:11	0°♋			6830 Sep 04 23:48	0°♍	
	6828 Feb 25 23:18	0°♌		desc. node	6830 Sep 17 18:22	14°♍02'44	
	6828 Mar 21 14:28	0°♋			6830 Oct 03 00:03	0°♌	
desc. node	6828 Apr 01 23:30	14°♋00'58		evening max el	6830 Oct 12 02:59	8°♌59'01	45°44'29
	6828 Apr 14 21:25	0°♌			6830 Nov 06 10:30	0°♋	
	6828 May 09 00:30	0°♋		greatest brilliancy	6830 Nov 20 11:12	7°♋08'47	-4.8m
	6828 Jun 02 02:46	0°♐		retrograde	6830 Nov 29 20:32	8°♋44'34	
morning set	6828 Jun 24 17:21	28°♐05'44		evening set	6830 Dec 15 13:38	4°♋00'43	
	6828 Jun 26 06:11	0°♋		inferior conj	6830 Dec 20 20:37	0°♋50'28	-4°31'17
	6828 Jul 20 11:30	0°♐		minimum elong	6830 Dec 21 05:35	0°♋36'34	4°28'49
asc. node	6828 Jul 23 23:13	4°♐18'45		min. Earth dist.	6830 Dec 21 17:19	0°♋18'23	0.27821 AU
					6830 Dec 22 05:13	30°♋	
superior conj	6828 Aug 01 19:22	15°♐14'01	0°21'07	morning rise	6830 Dec 26 20:55	27°♌15'08	
minimum elong	6828 Aug 01 14:49	14°♐59'58	0°20'51	asc. node	6831 Jan 08 18:43	22°♌52'31	
max. Earth dist.	6828 Aug 03 13:13	17°♐23'14	1.73051 AU	direct	6831 Jan 11 00:05	22°♌46'32	
	6828 Aug 13 18:34	0°♌		greatest brilliancy	6831 Jan 22 01:27	25°♌03'31	-4.8m
	6828 Sep 07 03:05	0°♌			6831 Jan 31 12:43	0°♋	
evening rise	6828 Sep 07 13:12	0°♌31'05		morning max el	6831 Mar 02 11:31	25°♋39'44	46°50'20
	6828 Oct 01 13:25	0°♍			6831 Mar 06 17:10	0°♌	
	6828 Oct 26 02:28	0°♌			6831 Apr 03 00:07	0°♋	
desc. node	6828 Nov 12 15:55	21°♌21'21			6831 Apr 28 14:23	0°♌	
	6828 Nov 19 19:07	0°♋		desc. node	6831 Apr 30 11:34	2°♌14'54	
	6828 Dec 14 16:08	0°♌			6831 May 23 12:00	0°♋	
	6829 Jan 08 19:28	0°♋			6831 Jun 17 02:33	0°♐	
	6829 Feb 03 11:59	0°♌			6831 Jul 11 14:40	0°♋	
	6829 Mar 02 15:22	0°♋			6831 Aug 05 02:12	0°♐	
asc. node	6829 Mar 05 16:14	3°♋09'44		asc. node	6831 Aug 21 11:12	20°♐04'50	
evening max el	6829 Mar 08 18:39	6°♋19'55	47°04'30		6831 Aug 29 13:07	0°♌	
	6829 Apr 04 13:13	0°♐		morning set	6831 Sep 03 09:16	5°♌56'38	
greatest brilliancy	6829 Apr 18 09:01	7°♐35'18	-4.9m		6831 Sep 22 22:46	0°♌	

max. Earth dist.	6831 Oct 08 23:18	19° Ω 44'22	1.73316 AU	direct	6834 Mar 24 15:33	6° Υ 34'15	
				greatest brilliancy	6834 Apr 03 09:53	8° Υ 22'17	-4.9m
superior conj	6831 Oct 10 00:27	21° Ω 01'51	1°24'22		6834 May 04 11:14	0° Υ	
minimum elong	6831 Oct 09 21:12	20° Ω 51'50	1°24'21	morning max el	6834 May 14 00:50	9° Υ 14'12	46°52'30
	6831 Oct 17 07:00	0° \mathbb{M}		desc. node	6834 May 27 23:22	23° Υ 45'28	
	6831 Nov 10 14:25	0° Υ			6834 Jun 02 17:18	0° \mathcal{B}	
evening rise	6831 Nov 15 15:43	6° Υ 14'19			6834 Jun 29 05:48	0° \mathbb{I}	
	6831 Dec 04 21:42	0° \mathcal{B}			6834 Jul 24 20:08	0° \mathcal{B}	
desc. node	6831 Dec 11 03:40	7° \mathcal{B} 42'39			6834 Aug 19 00:31	0° Ω	
	6831 Dec 29 05:06	0° \approx			6834 Sep 12 22:33	0° \mathbb{M}	
	6832 Jan 22 12:43	0° Υ		asc. node	6834 Sep 17 23:17	6° \mathbb{M} 05'34	
	6832 Feb 15 21:41	0° Υ			6834 Oct 07 14:54	0° Ω	
	6832 Mar 11 11:39	0° \mathcal{B}			6834 Nov 01 02:03	0° \mathbb{M}	
asc. node	6832 Apr 02 03:56	25° \mathcal{B} 57'25		morning set	6834 Nov 10 18:29	11° \mathbb{M} 56'12	
	6832 Apr 05 14:22	0° \mathbb{I}			6834 Nov 25 09:06	0° Υ	
	6832 May 01 22:04	0° \mathcal{B}		max. Earth dist.	6834 Dec 15 09:54	24° Υ 50'53	1.72433 AU
evening max el	6832 May 19 19:23	18° \mathcal{B} 48'55	46°32'21				
	6832 May 31 13:47	0° Ω		superior conj	6834 Dec 18 00:02	28° Υ 03'57	0°47'10
greatest brilliancy	6832 Jun 27 18:03	18° Ω 35'28	-4.8m	minimum elong	6834 Dec 18 09:16	28° Υ 32'40	0°46'51
retrograde	6832 Jul 08 18:21	20° Ω 49'25			6834 Dec 19 13:22	0° \mathcal{B}	
desc. node	6832 Jul 22 20:52	16° Ω 54'56		desc. node	6835 Jan 07 15:33	23° \mathcal{B} 45'38	
evening set	6832 Jul 23 17:23	16° Ω 27'23			6835 Jan 12 15:41	0° \approx	
min. Earth dist.	6832 Jul 29 13:24	12° Ω 58'11	0.28351 AU	evening rise	6835 Jan 26 02:45	16° \approx 48'00	
inferior conj	6832 Jul 30 02:10	12° Ω 38'12	-1°45'23		6835 Feb 05 16:21	0° Υ	
minimum elong	6832 Jul 29 22:17	12° Ω 44'17	1°44'17		6835 Mar 01 16:02	0° Υ	
morning rise	6832 Aug 05 03:48	9° Ω 00'05			6835 Mar 25 16:31	0° \mathcal{B}	
direct	6832 Aug 20 08:41	4° Ω 34'03			6835 Apr 18 20:55	0° \mathbb{I}	
greatest brilliancy	6832 Aug 30 03:40	6° Ω 17'50	-4.7m	asc. node	6835 Apr 30 15:42	14° \mathbb{I} 28'58	
	6832 Oct 03 12:16	0° \mathbb{M}			6835 May 13 09:30	0° \mathcal{B}	
morning max el	6832 Oct 07 23:29	4° \mathbb{M} 11'12	45°41'24		6835 Jun 07 12:24	0° Ω	
	6832 Nov 02 03:08	0° Ω			6835 Jul 03 17:34	0° \mathbb{M}	
asc. node	6832 Nov 12 21:11	11° Ω 51'23		evening max el	6835 Jul 30 10:23	27° \mathbb{M} 59'47	45°45'39
	6832 Nov 28 19:16	0° \mathbb{M}			6835 Aug 01 12:18	0° Ω	
	6832 Dec 24 04:40	0° Υ		desc. node	6835 Aug 20 08:46	16° Ω 15'40	
	6833 Jan 17 21:28	0° \mathcal{B}		greatest brilliancy	6835 Sep 06 23:04	26° Ω 21'51	-4.7m
	6833 Feb 11 04:48	0° \approx		retrograde	6835 Sep 17 11:14	28° Ω 21'38	
desc. node	6833 Mar 04 13:28	26° \approx 36'32		evening set	6835 Oct 05 07:45	22° Ω 21'05	
	6833 Mar 07 06:34	0° Υ		inferior conj	6835 Oct 08 23:49	20° Ω 04'54	-8°26'14
	6833 Mar 31 05:07	0° Υ		minimum elong	6835 Oct 08 19:55	20° Ω 11'02	8°25'59
morning set	6833 Apr 09 00:15	11° Υ 02'55		min. Earth dist.	6835 Oct 08 23:48	20° Ω 04'57	0.29173 AU
	6833 Apr 24 02:23	0° \mathcal{B}		morning rise	6835 Oct 12 08:05	18° Ω 00'28	
	6833 May 18 00:23	0° \mathbb{I}		direct	6835 Oct 30 13:36	11° Ω 46'02	
				greatest brilliancy	6835 Nov 10 02:43	13° Ω 47'22	-4.7m
superior conj	6833 May 19 08:54	1° \mathbb{I} 41'43	-1°15'05		6835 Dec 05 04:58	0° \mathbb{M}	
minimum elong	6833 May 19 19:01	2° \mathbb{I} 13'23	1°14'53	asc. node	6835 Dec 11 08:59	5° \mathbb{M} 28'18	
max. Earth dist.	6833 May 22 21:11	6° \mathbb{I} 05'22	1.71697 AU	morning max el	6835 Dec 19 00:18	12° \mathbb{M} 44'33	46°04'57
	6833 Jun 11 00:55	0° \mathcal{B}			6836 Jan 04 16:08	0° Υ	
asc. node	6833 Jun 25 13:19	18° \mathcal{B} 02'27			6836 Jan 31 06:22	0° \mathcal{B}	
evening rise	6833 Jun 27 23:03	21° \mathcal{B} 01'23			6836 Feb 25 12:05	0° \approx	
	6833 Jul 05 05:01	0° Ω			6836 Mar 21 02:28	0° Υ	
	6833 Jul 29 13:14	0° \mathbb{M}		desc. node	6836 Apr 01 01:29	13° Υ 30'43	
	6833 Aug 23 02:23	0° Ω			6836 Apr 14 08:56	0° Υ	
	6833 Sep 16 22:20	0° \mathbb{M}			6836 May 08 11:43	0° \mathcal{B}	
	6833 Oct 12 04:18	0° Υ			6836 Jun 01 13:45	0° \mathbb{I}	
desc. node	6833 Oct 15 06:05	3° Υ 36'29		morning set	6836 Jun 22 08:18	25° \mathbb{I} 49'36	
	6833 Nov 07 01:24	0° \mathcal{B}			6836 Jun 25 16:59	0° \mathcal{B}	
	6833 Dec 04 01:06	0° \approx			6836 Jul 19 22:12	0° Ω	
evening max el	6833 Dec 23 10:35	20° \approx 04'13	46°31'13	asc. node	6836 Jul 23 01:16	3° Ω 52'01	
	6834 Jan 02 22:29	0° Υ					
greatest brilliancy	6834 Feb 01 15:01	20° Υ 14'02	-4.9m	superior conj	6836 Jul 30 11:40	13° Ω 03'10	0°17'49
asc. node	6834 Feb 05 06:35	21° Υ 19'10		minimum elong	6836 Jul 30 07:47	12° Ω 51'10	0°17'35
retrograde	6834 Feb 11 11:18	22° Υ 04'04		max. Earth dist.	6836 Aug 01 09:41	15° Ω 25'16	1.73021 AU
evening set	6834 Feb 26 18:23	17° Υ 29'04			6836 Aug 13 05:13	0° \mathbb{M}	
inferior conj	6834 Mar 04 02:34	14° Υ 19'19	6°19'49	evening rise	6836 Sep 05 07:06	28° \mathbb{M} 25'35	
minimum elong	6834 Mar 03 15:32	14° Υ 36'12	6°17'14		6836 Sep 06 13:48	0° Ω	
min. Earth dist.	6834 Mar 03 19:48	14° Υ 29'40	0.26854 AU		6836 Oct 01 00:18	0° \mathbb{M}	
morning rise	6834 Mar 08 12:36	11° Υ 40'17			6836 Oct 25 13:39	0° Υ	

desc. node	6836 Nov 11 17:49	20°♄52'15		6839 Apr 28 04:04	0°♑	
	6836 Nov 19 06:48	0°♄		desc. node	6839 Apr 29 13:27	1°♑39'50
	6836 Dec 14 04:33	0°♄			6839 May 23 00:38	0°♄
	6837 Jan 08 09:05	0°♄			6839 Jun 16 14:29	0°♄
	6837 Feb 03 03:44	0°♑			6839 Jul 11 02:07	0°♄
	6837 Mar 02 12:14	0°♄			6839 Aug 04 13:19	0°♄
asc. node	6837 Mar 04 18:19	2°♄19'20		asc. node	6839 Aug 20 13:15	19°♄37'31
evening max el	6837 Mar 06 09:39	3°♄59'24	47°04'30		6839 Aug 29 00:00	0°♄
	6837 Apr 05 16:40	0°♄		morning set	6839 Sep 01 02:37	3°♄49'10
greatest brilliancy	6837 Apr 15 23:12	5°♄12'35	-4.9m		6839 Sep 22 09:33	0°♄
retrograde	6837 Apr 26 01:29	7°♄08'07		max. Earth dist.	6839 Oct 06 17:20	17°♄38'53 1.73332 AU
evening set	6837 May 13 10:03	1°♄17'07				
	6837 May 15 12:46	30°♄		superior conj	6839 Oct 07 18:34	18°♄56'38 1°23'44
inferior conj	6837 May 16 20:17	29°♄11'19	8°01'01	minimum elong	6839 Oct 07 14:41	18°♄44'39 1°23'43
minimum elong	6837 May 17 05:32	28°♄57'00	7°59'34		6839 Oct 16 17:47	0°♄
min. Earth dist.	6837 May 16 18:12	29°♄14'32	0.27390 AU		6839 Nov 10 01:19	0°♄
morning rise	6837 May 21 01:14	26°♄38'39		evening rise	6839 Nov 13 08:25	4°♄04'01
direct	6837 Jun 06 14:48	21°♄20'55			6839 Dec 04 08:48	0°♄
greatest brilliancy	6837 Jun 16 04:45	23°♄04'16	-4.8m	desc. node	6839 Dec 10 05:41	7°♄14'28
desc. node	6837 Jun 24 11:03	26°♄52'29			6839 Dec 28 16:30	0°♄
	6837 Jun 29 12:32	0°♄			6840 Jan 22 00:29	0°♄
morning max el	6837 Jul 26 04:36	22°♄34'31	46°08'34		6840 Feb 15 09:58	0°♑
	6837 Aug 02 15:38	0°♄			6840 Mar 11 00:44	0°♄
	6837 Aug 30 15:53	0°♄		asc. node	6840 Apr 01 05:51	25°♄21'02
	6837 Sep 26 00:27	0°♄			6840 Apr 05 04:54	0°♄
asc. node	6837 Oct 15 11:12	22°♄48'17			6840 May 01 15:47	0°♄
	6837 Oct 21 12:32	0°♄		evening max el	6840 May 17 09:08	16°♄27'53 46°34'08
	6837 Nov 15 10:49	0°♄			6840 May 31 19:02	0°♄
	6837 Dec 09 23:22	0°♄		greatest brilliancy	6840 Jun 25 10:52	16°♄21'57 -4.8m
	6838 Jan 03 05:22	0°♄		retrograde	6840 Jul 06 09:54	18°♄35'19
morning set	6838 Jan 20 11:22	21°♄28'48		evening set	6840 Jul 21 08:52	14°♄13'24
	6838 Jan 27 07:08	0°♄		desc. node	6840 Jul 21 22:58	13°♄53'53
desc. node	6838 Feb 04 03:28	9°♄48'49		min. Earth dist.	6840 Jul 27 05:39	10°♄43'26 0.28306 AU
	6838 Feb 20 05:59	0°♄		inferior conj	6840 Jul 27 17:40	10°♄24'40 -1°24'44
max. Earth dist.	6838 Feb 28 03:24	9°♄54'29	1.71287 AU	minimum elong	6840 Jul 27 14:31	10°♄29'36 1°23'50
				morning rise	6840 Aug 02 20:41	6°♄44'40
superior conj	6838 Mar 01 20:45	12°♄04'19	-0°57'21	direct	6840 Aug 17 23:04	2°♄20'57
minimum elong	6838 Mar 01 09:04	11°♄27'38	0°56'54	greatest brilliancy	6840 Aug 27 19:18	4°♄05'34 -4.7m
	6838 Mar 16 03:00	0°♑			6840 Oct 03 12:27	0°♄
	6838 Apr 08 23:40	0°♄		morning max el	6840 Oct 05 14:12	1°♄57'40 45°41'36
evening rise	6838 Apr 11 12:46	3°♄11'56			6840 Nov 01 19:16	0°♄
	6838 May 02 22:01	0°♄		asc. node	6840 Nov 11 23:12	11°♄15'24
	6838 May 27 00:22	0°♄			6840 Nov 28 08:48	0°♄
asc. node	6838 May 28 03:29	1°♄23'56			6840 Dec 23 17:03	0°♄
	6838 Jun 20 08:58	0°♄			6841 Jan 17 09:17	0°♄
	6838 Jul 15 02:23	0°♄			6841 Feb 10 16:20	0°♄
	6838 Aug 09 09:07	0°♄		desc. node	6841 Mar 03 15:29	26°♄07'16
	6838 Sep 04 14:45	0°♄			6841 Mar 06 17:55	0°♄
desc. node	6838 Sep 16 20:20	13°♄23'19			6841 Mar 30 16:20	0°♑
	6838 Oct 02 20:09	0°♄		morning set	6841 Apr 06 10:28	8°♑29'05
evening max el	6838 Oct 09 16:59	6°♄42'58	45°43'23		6841 Apr 23 13:30	0°♄
	6838 Nov 07 15:27	0°♄				
greatest brilliancy	6838 Nov 18 02:03	4°♄53'05	-4.8m	superior conj	6841 May 16 20:57	29°♄14'36 -1°16'59
retrograde	6838 Nov 27 09:56	6°♄27'52		minimum elong	6841 May 17 06:37	29°♄44'52 1°16'49
evening set	6838 Dec 13 06:46	1°♄39'52			6841 May 17 11:27	0°♄
	6838 Dec 16 02:49	30°♄		max. Earth dist.	6841 May 20 04:25	3°♄23'18 1.71655 AU
inferior conj	6838 Dec 18 11:12	28°♄33'09	-4°49'34		6841 Jun 10 11:58	0°♄
minimum elong	6838 Dec 18 20:32	28°♄18'41	4°47'05	asc. node	6841 Jun 24 15:25	17°♄34'42
min. Earth dist.	6838 Dec 19 08:38	27°♄59'54	0.27884 AU	evening rise	6841 Jun 25 13:11	18°♄42'10
morning rise	6838 Dec 24 09:36	24°♄59'55			6841 Jul 04 16:06	0°♄
asc. node	6839 Jan 07 20:46	20°♄28'55			6841 Jul 29 00:26	0°♄
direct	6839 Jan 08 14:45	20°♄28'15			6841 Aug 22 13:49	0°♄
greatest brilliancy	6839 Jan 19 17:26	22°♄45'48	-4.8m		6841 Sep 16 10:15	0°♄
	6839 Feb 01 14:51	0°♄			6841 Oct 11 17:08	0°♄
morning max el	6839 Feb 28 00:55	23°♄15'54	46°49'09	desc. node	6841 Oct 14 08:01	3°♄04'13
	6839 Mar 06 13:43	0°♄			6841 Nov 06 15:56	0°♄
	6839 Apr 02 15:47	0°♄			6841 Dec 03 19:15	0°♄




































































































































evening max el	6841 Dec 21 00:16	17° \approx 42'19	46°29'21	asc. node	6844 Jul 22 03:15	3° Ω 24'43	
	6842 Jan 03 04:43	0° H					
greatest brilliancy	6842 Jan 30 03:13	17° H 46'18	-4.9m	superior conj	6844 Jul 28 03:37	10° Ω 50'47	0°14'28
asc. node	6842 Feb 04 08:38	19° H 11'17		minimum elong	6844 Jul 28 00:26	10° Ω 40'57	0°14'16
retrograde	6842 Feb 09 00:26	19° H 36'55		behind sun begin	6844 Jul 27 13:47	10° Ω 08'05	
evening set	6842 Feb 24 03:36	15° H 06'15		behind sun end	6844 Jul 28 11:04	11° Ω 13'50	
inferior conj	6842 Mar 01 15:07	11° H 52'04	6°01'38	max. Earth dist.	6844 Jul 30 06:37	13° Ω 28'19	1.72987 AU
minimum elong	6842 Mar 01 04:13	12° H 08'44	5°58'59		6844 Aug 12 16:00	0° M	
min. Earth dist.	6842 Mar 01 08:44	12° H 01'50	0.26854 AU	evening rise	6844 Sep 03 00:50	26° M 19'12	
morning rise	6842 Mar 06 04:46	9° H 08'12			6844 Sep 06 00:38	0° Ω	
direct	6842 Mar 22 04:31	4° H 06'45			6844 Sep 30 11:18	0° M	
greatest brilliancy	6842 Mar 31 23:22	5° H 55'42	-4.9m		6844 Oct 25 00:57	0° H	
	6842 May 04 14:32	0° Y		desc. node	6844 Nov 10 19:53	20° H 23'24	
morning max el	6842 May 11 15:12	6° Y 51'55	46°53'29		6844 Nov 18 18:33	0° Z	
desc. node	6842 May 27 01:25	23° Y 00'11			6844 Dec 13 17:03	0° \approx	
	6842 Jun 02 10:56	0° Z			6845 Jan 07 22:45	0° H	
	6842 Jun 28 20:18	0° II			6845 Feb 02 19:40	0° Y	
	6842 Jul 24 09:06	0° G			6845 Mar 02 09:47	0° Z	
	6842 Aug 18 12:35	0° Ω		asc. node	6845 Mar 03 20:10	1° Z 27'29	
	6842 Sep 12 10:02	0° M		evening max el	6845 Mar 03 23:56	1° Z 37'02	47°04'12
asc. node	6842 Sep 17 01:10	5° M 36'40			6845 Apr 07 08:16	0° II	
	6842 Oct 07 02:01	0° Ω		greatest brilliancy	6845 Apr 13 13:45	2° II 49'50	-4.9m
	6842 Oct 31 12:57	0° M		retrograde	6845 Apr 23 15:04	4° II 44'13	
morning set	6842 Nov 08 11:40	9° M 47'34			6845 May 09 02:15	30° R Z	
	6842 Nov 24 19:57	0° H		evening set	6845 May 11 02:50	28° Z 49'08	
max. Earth dist.	6842 Dec 13 03:52	22° H 43'52	1.72474 AU	inferior conj	6845 May 14 09:44	26° Z 48'06	8°11'56
				minimum elong	6845 May 14 18:28	26° Z 34'35	8°10'41
superior conj	6842 Dec 15 15:19	25° H 48'29	0°50'03	min. Earth dist.	6845 May 14 07:25	26° Z 51'42	0.27368 AU
minimum elong	6842 Dec 16 00:48	26° H 17'57	0°49'43	morning rise	6845 May 18 10:17	24° Z 21'36	
	6842 Dec 19 00:16	0° Z		direct	6845 Jun 04 04:06	18° Z 58'18	
desc. node	6843 Jan 06 17:39	23° Z 18'02		greatest brilliancy	6845 Jun 13 17:14	20° Z 40'46	-4.8m
	6843 Jan 12 02:41	0° \approx		desc. node	6845 Jun 23 13:09	25° Z 23'36	
evening rise	6843 Jan 23 16:00	14° \approx 24'57			6845 Jun 30 11:09	0° II	
	6843 Feb 05 03:30	0° H		morning max el	6845 Jul 23 17:55	20° II 13'57	46°10'03
	6843 Mar 01 03:22	0° Y			6845 Aug 02 11:44	0° G	
	6843 Mar 25 04:06	0° Z			6845 Aug 30 06:58	0° Ω	
	6843 Apr 18 08:51	0° II			6845 Sep 25 13:28	0° M	
asc. node	6843 Apr 29 17:40	13° II 57'47		asc. node	6845 Oct 14 13:12	22° M 18'10	
	6843 May 12 22:01	0° G			6845 Oct 21 00:30	0° Ω	
	6843 Jun 07 02:01	0° Ω			6845 Nov 14 22:12	0° M	
	6843 Jul 03 09:37	0° M			6845 Dec 09 10:26	0° H	
evening max el	6843 Jul 28 02:57	25° M 49'40	45°46'44		6846 Jan 02 16:17	0° Z	
	6843 Aug 01 11:47	0° Ω		morning set	6846 Jan 18 00:47	19° Z 07'05	
desc. node	6843 Aug 19 10:43	15° Ω 07'23			6846 Jan 26 17:57	0° \approx	
greatest brilliancy	6843 Sep 04 13:44	24° Ω 10'42	-4.7m	desc. node	6846 Feb 03 05:28	9° \approx 21'11	
retrograde	6843 Sep 15 03:44	26° Ω 11'42			6846 Feb 19 16:48	0° H	
evening set	6843 Oct 02 21:33	20° Ω 14'42		max. Earth dist.	6846 Feb 25 08:55	7° H 07'10	1.71309 AU
inferior conj	6843 Oct 06 16:01	17° Ω 54'42	-8°21'54				
minimum elong	6843 Oct 06 11:25	18° Ω 01'56	8°21'35	superior conj	6846 Feb 27 08:07	9° H 35'20	-0°54'20
min. Earth dist.	6843 Oct 06 14:27	17° Ω 57'10	0.29174 AU	minimum elong	6846 Feb 26 20:41	8° H 59'28	0°53'52
morning rise	6843 Oct 10 01:18	15° Ω 48'40			6846 Mar 15 13:50	0° Y	
direct	6843 Oct 28 06:21	9° Ω 36'14			6846 Apr 08 10:33	0° Z	
greatest brilliancy	6843 Nov 07 16:58	11° Ω 35'27	-4.7m	evening rise	6846 Apr 08 23:32	0° Z 40'48	
	6843 Dec 05 09:41	0° M			6846 May 02 08:59	0° II	
asc. node	6843 Dec 10 11:00	4° M 35'04			6846 May 26 11:30	0° G	
morning max el	6843 Dec 16 16:06	10° M 31'51	46°03'31	asc. node	6846 May 27 05:34	0° G 55'55	
	6844 Jan 04 09:20	0° H			6846 Jun 19 20:23	0° Ω	
	6844 Jan 30 20:30	0° Z			6846 Jul 14 14:20	0° M	
	6844 Feb 25 00:52	0° \approx			6846 Aug 08 22:04	0° Ω	
	6844 Mar 20 14:33	0° H			6846 Sep 04 05:47	0° M	
desc. node	6844 Mar 31 03:24	12° H 59'51		desc. node	6846 Sep 15 22:16	12° M 43'44	
	6844 Apr 13 20:36	0° Y			6846 Oct 02 16:47	0° H	
	6844 May 07 23:06	0° Z		evening max el	6846 Oct 07 06:19	4° H 25'45	45°42'27
	6844 May 01 00:54	0° II			6846 Nov 09 09:02	0° Z	
morning set	6844 Jun 19 22:49	23° II 31'33		greatest brilliancy	6846 Nov 15 16:33	2° Z 37'29	-4.8m
	6844 Jun 25 03:57	0° G		retrograde	6846 Nov 24 23:27	4° Z 11'50	
	6844 Jul 19 09:01	0° Ω			6846 Dec 09 18:12	30° R H	

evening set	6846 Dec 10 23:53	29°♊19'13		max. Earth dist.	6849 May 17 13:17	0°♐47'37	1.71610 AU
inferior conj	6846 Dec 16 01:44	26°♊16'19	-5°07'18		6849 Jun 09 22:33	0°♑	
minimum elong	6846 Dec 16 11:21	26°♊01'22	5°04'50	evening rise	6849 Jun 23 03:36	16°♑25'18	
min. Earth dist.	6846 Dec 16 23:55	25°♊41'53	0.27947 AU	asc. node	6849 Jun 23 17:23	17°♑08'02	
morning rise	6846 Dec 21 22:05	22°♊45'40			6849 Jul 04 02:42	0°♒	
direct	6847 Jan 06 05:11	18°♊10'14			6849 Jul 28 11:09	0°♓	
asc. node	6847 Jan 06 22:48	18°♊10'52			6849 Aug 22 00:49	0°♑	
greatest brilliancy	6847 Jan 17 09:42	20°♊29'06	-4.8m		6849 Sep 15 21:48	0°♒	
	6847 Feb 02 09:44	0°♑			6849 Oct 11 05:39	0°♊	
morning max el	6847 Feb 25 14:58	20°♑54'34	46°48'15	desc. node	6849 Oct 13 10:04	2°♊33'16	
	6847 Mar 06 09:19	0°♒			6849 Nov 06 06:14	0°♑	
	6847 Apr 02 06:52	0°♋			6849 Dec 03 13:26	0°♒	
	6847 Apr 27 17:16	0°♑		evening max el	6849 Dec 18 14:50	15°♒23'55	46°27'32
desc. node	6847 Apr 28 15:33	1°♑06'46			6850 Jan 03 12:47	0°♋	
	6847 May 22 12:49	0°♌		greatest brilliancy	6850 Jan 27 15:21	15°♋19'52	-4.9m
	6847 Jun 16 02:02	0°♐		asc. node	6850 Feb 03 10:31	16°♋59'11	
	6847 Jul 10 13:15	0°♑		retrograde	6850 Feb 06 13:33	17°♋10'48	
	6847 Aug 04 00:09	0°♒		evening set	6850 Feb 21 13:07	12°♋44'25	
asc. node	6847 Aug 19 15:09	19°♒10'32		inferior conj	6850 Feb 27 03:39	9°♋25'56	5°42'51
	6847 Aug 28 10:39	0°♓		minimum elong	6850 Feb 26 16:57	9°♋42'17	5°40'08
morning set	6847 Aug 29 19:38	1°♓41'22		min. Earth dist.	6850 Feb 26 21:37	9°♋35'10	0.26853 AU
	6847 Sep 21 20:04	0°♑		morning rise	6850 Mar 03 20:48	6°♋37'17	
max. Earth dist.	6847 Oct 04 12:26	15°♑37'29	1.73345 AU	direct	6850 Mar 19 17:53	1°♋40'32	
				greatest brilliancy	6850 Mar 29 12:37	3°♋29'49	-4.9m
superior conj	6847 Oct 05 12:22	16°♑51'13	1°22'59		6850 May 04 15:52	0°♑	
minimum elong	6847 Oct 05 07:51	16°♑37'19	1°22'57	morning max el	6850 May 09 05:36	4°♑30'52	46°54'28
	6847 Oct 16 04:18	0°♒		desc. node	6850 May 26 03:25	22°♑16'34	
	6847 Nov 09 11:55	0°♊			6850 Jun 02 03:46	0°♌	
evening rise	6847 Nov 11 00:58	1°♊54'13			6850 Jun 28 10:11	0°♐	
	6847 Dec 03 19:38	0°♑			6850 Jul 23 21:31	0°♑	
desc. node	6847 Dec 09 07:44	6°♑47'13			6850 Aug 18 00:07	0°♒	
	6847 Dec 28 03:38	0°♒			6850 Sep 11 21:01	0°♓	
	6848 Jan 21 12:00	0°♋		asc. node	6850 Sep 16 03:10	5°♓09'38	
	6848 Feb 14 21:59	0°♑			6850 Oct 06 12:41	0°♑	
	6848 Mar 10 13:31	0°♌			6850 Oct 30 23:29	0°♒	
asc. node	6848 Mar 31 07:54	24°♌46'10		morning set	6850 Nov 06 04:53	7°♒40'15	
	6848 Apr 04 19:06	0°♐			6850 Nov 24 06:27	0°♊	
	6848 May 01 09:21	0°♑		max. Earth dist.	6850 Dec 10 19:27	20°♊30'33	1.72515 AU
evening max el	6848 May 14 23:20	14°♑09'35	46°35'57				
	6848 Jun 01 01:41	0°♒		superior conj	6850 Dec 13 06:37	23°♊34'13	0°52'50
greatest brilliancy	6848 Jun 23 03:01	14°♒09'05	-4.8m	minimum elong	6850 Dec 13 16:18	24°♊04'16	0°52'31
retrograde	6848 Jul 04 01:52	16°♒22'41			6850 Dec 18 10:50	0°♑	
evening set	6848 Jul 19 00:32	12°♒00'22		desc. node	6851 Jan 05 19:33	22°♑50'51	
desc. node	6848 Jul 21 00:54	10°♒51'45			6851 Jan 11 13:21	0°♒	
inferior conj	6848 Jul 25 09:10	8°♒12'20	-1°03'54	evening rise	6851 Jan 21 05:07	12°♒02'37	
minimum elong	6848 Jul 25 06:46	8°♒16'04	1°03'13		6851 Feb 04 14:18	0°♋	
min. Earth dist.	6848 Jul 24 21:42	8°♒30'13	0.28269 AU		6851 Feb 28 14:23	0°♑	
morning rise	6848 Jul 31 13:31	4°♒30'48			6851 Mar 24 15:24	0°♌	
direct	6848 Aug 15 13:43	0°♒08'55			6851 Apr 17 20:31	0°♐	
greatest brilliancy	6848 Aug 25 10:51	1°♒54'24	-4.7m	asc. node	6851 Apr 28 19:45	13°♐27'49	
morning max el	6848 Oct 03 05:56	29°♒47'37	45°41'44		6851 May 12 10:16	0°♑	
	6848 Oct 03 11:08	0°♓			6851 Jun 06 15:23	0°♒	
	6848 Nov 01 10:46	0°♑			6851 Jul 03 01:28	0°♓	
asc. node	6848 Nov 11 01:17	10°♑40'51		evening max el	6851 Jul 25 19:24	23°♓40'39	45°47'55
	6848 Nov 27 21:52	0°♒			6851 Aug 01 11:44	0°♑	
	6848 Dec 23 05:01	0°♊		desc. node	6851 Aug 18 12:40	13°♑58'53	
	6849 Jan 16 20:43	0°♑		greatest brilliancy	6851 Sep 02 05:10	22°♑02'14	-4.7m
	6849 Feb 10 03:28	0°♒		retrograde	6851 Sep 12 19:59	24°♑03'48	
desc. node	6849 Mar 02 17:21	25°♒38'49		evening set	6851 Sep 30 11:30	18°♑10'46	
	6849 Mar 06 04:53	0°♋		inferior conj	6851 Oct 04 08:30	15°♑46'40	-8°16'59
	6849 Mar 30 03:09	0°♑		minimum elong	6851 Oct 04 03:14	15°♑54'58	8°16'33
morning set	6849 Apr 03 20:45	5°♑56'43		min. Earth dist.	6851 Oct 04 05:42	15°♑51'06	0.29174 AU
	6849 Apr 23 00:12	0°♌		morning rise	6851 Oct 07 19:02	13°♑38'34	
				direct	6851 Oct 25 23:12	7°♑28'35	
superior conj	6849 May 14 09:10	26°♌49'17	-1°18'44	greatest brilliancy	6851 Nov 05 07:49	9°♑25'47	-4.7m
minimum elong	6849 May 14 18:19	27°♌17'57	1°18'35		6851 Dec 05 12:09	0°♒	
	6849 May 16 22:04	0°♐		asc. node	6851 Dec 09 12:59	3°♒43'47	

morning max el	6851 Dec 14 07:18	8° \mathbb{M} 18'43	46°01'53	asc. node	6854 May 26 07:31	0° \mathfrak{D} 27'17	
	6852 Jan 04 01:54	0° \mathfrak{A}			6854 Jun 19 07:53	0° \mathcal{O}	
	6852 Jan 30 10:14	0° \mathfrak{Z}			6854 Jul 14 02:23	0° \mathfrak{M}	
	6852 Feb 24 13:21	0° \approx			6854 Aug 08 11:09	0° \mathfrak{L}	
	6852 Mar 20 02:21	0° \mathfrak{H}			6854 Sep 03 21:02	0° \mathbb{M}	
desc. node	6852 Mar 30 05:31	12° \mathfrak{H} 30'27		desc. node	6854 Sep 15 00:24	12° \mathbb{M} 04'14	
	6852 Apr 13 08:00	0° Υ			6854 Oct 02 14:04	0° \mathfrak{A}	
	6852 May 07 10:13	0° \mathfrak{B}		evening max el	6854 Oct 04 20:01	2° \mathfrak{A} 09'52	45°41'48
	6852 May 31 11:48	0° \mathbb{I}			6854 Nov 12 04:28	0° \mathfrak{Z}	
morning set	6852 Jun 17 13:19	21° \mathbb{I} 14'05		greatest brilliancy	6854 Nov 13 06:36	0° \mathfrak{Z} 22'24	-4.8m
	6852 Jun 24 14:40	0° \mathfrak{D}		retrograde	6854 Nov 22 13:45	1° \mathfrak{Z} 57'14	
	6852 Jul 18 19:36	0° \mathcal{O}			6854 Dec 02 12:26	30° \mathfrak{R} \mathfrak{A}	
asc. node	6852 Jul 21 05:11	2° \mathcal{O} 58'00		evening set	6854 Dec 08 17:20	26° \mathfrak{A} 59'39	
				inferior conj	6854 Dec 13 16:34	24° \mathfrak{A} 00'38	-5°24'15
superior conj	6852 Jul 25 19:44	8° \mathcal{O} 39'40	0°11'07	minimum elong	6854 Dec 14 02:26	23° \mathfrak{A} 45'20	5°21'48
minimum elong	6852 Jul 25 17:16	8° \mathcal{O} 32'04	0°10'56	min. Earth dist.	6854 Dec 14 15:06	23° \mathfrak{A} 25'41	0.28014 AU
behind sun begin	6852 Jul 24 23:55	7° \mathcal{O} 38'26		morning rise	6854 Dec 19 10:47	20° \mathfrak{A} 33'00	
behind sun end	6852 Jul 26 10:38	9° \mathcal{O} 25'41		direct	6855 Jan 03 20:16	15° \mathfrak{A} 53'20	
max. Earth dist.	6852 Jul 28 02:34	11° \mathcal{O} 29'05	1.72946 AU	asc. node	6855 Jan 06 00:42	15° \mathfrak{A} 59'00	
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evening rise	6852 Aug 31 18:49	24° \mathfrak{M} 14'24			6855 Feb 02 23:37	0° \mathfrak{Z}	
	6852 Sep 05 11:11	0° \mathfrak{L}		morning max el	6855 Feb 23 06:09	18° \mathfrak{Z} 36'03	46°46'57
	6852 Sep 29 22:01	0° \mathbb{M}			6855 Mar 06 04:29	0° \approx	
	6852 Oct 24 11:59	0° \mathfrak{A}			6855 Apr 01 21:58	0° \mathfrak{H}	
desc. node	6852 Nov 09 21:55	19° \mathfrak{A} 55'08			6855 Apr 27 06:38	0° Υ	
	6852 Nov 18 06:08	0° \mathfrak{Z}		desc. node	6855 Apr 27 17:32	0° Υ 32'43	
	6852 Dec 13 05:26	0° \approx			6855 May 22 01:12	0° \mathfrak{B}	
	6853 Jan 07 12:28	0° \mathfrak{H}			6855 Jun 15 13:47	0° \mathbb{I}	
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evening max el	6853 Mar 01 13:14	29° Υ 12'15	47°03'54		6855 Aug 03 11:11	0° \mathcal{O}	
	6853 Mar 02 08:09	0° \mathfrak{B}		asc. node	6855 Aug 18 17:10	18° \mathcal{O} 43'19	
asc. node	6853 Mar 02 22:16	0° \mathfrak{B} 35'27		morning set	6855 Aug 27 12:35	29° \mathcal{O} 32'40	
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greatest brilliancy	6853 Apr 11 04:40	0° \mathbb{I} 27'28	-4.9m		6855 Sep 21 06:48	0° \mathfrak{L}	
retrograde	6853 Apr 21 04:12	2° \mathbb{I} 20'23		max. Earth dist.	6855 Oct 02 08:51	13° \mathfrak{L} 39'30	1.73354 AU
	6853 May 01 21:24	30° \mathfrak{R} \mathfrak{B}					
evening set	6853 May 08 19:26	26° \mathfrak{B} 21'18		superior conj	6855 Oct 03 06:16	14° \mathfrak{L} 45'29	1°22'08
inferior conj	6853 May 11 23:09	24° \mathfrak{B} 24'59	8°22'04	minimum elong	6855 Oct 03 01:10	14° \mathfrak{L} 29'44	1°22'04
minimum elong	6853 May 12 07:16	24° \mathfrak{B} 12'24	8°20'59		6855 Oct 15 15:00	0° \mathbb{M}	
min. Earth dist.	6853 May 11 20:54	24° \mathfrak{B} 28'28	0.27345 AU	evening rise	6855 Nov 08 17:53	29° \mathbb{M} 45'08	
morning rise	6853 May 15 19:15	22° \mathfrak{B} 04'44			6855 Nov 08 22:43	0° \mathfrak{A}	
direct	6853 Jun 01 16:47	16° \mathfrak{B} 35'32			6855 Dec 03 06:37	0° \mathfrak{Z}	
greatest brilliancy	6853 Jun 11 06:15	18° \mathfrak{B} 17'50	-4.8m	desc. node	6855 Dec 08 09:39	6° \mathfrak{Z} 19'08	
desc. node	6853 Jun 22 15:06	23° \mathfrak{B} 57'39			6855 Dec 27 14:55	0° \approx	
	6853 Jul 01 03:50	0° \mathbb{I}			6856 Jan 20 23:42	0° \mathfrak{H}	
morning max el	6853 Jul 21 06:54	17° \mathbb{I} 52'35	46°11'43		6856 Feb 14 10:15	0° Υ	
	6853 Aug 02 07:06	0° \mathfrak{D}			6856 Mar 10 02:41	0° \mathfrak{B}	
	6853 Aug 29 21:44	0° \mathcal{O}		asc. node	6856 Mar 30 09:55	24° \mathfrak{B} 09'44	
	6853 Sep 25 02:15	0° \mathfrak{M}			6856 Apr 04 09:54	0° \mathbb{I}	
asc. node	6853 Oct 13 15:17	21° \mathfrak{M} 48'49			6856 May 01 03:54	0° \mathfrak{D}	
	6853 Oct 20 12:15	0° \mathfrak{L}		evening max el	6856 May 12 14:24	11° \mathfrak{D} 51'53	46°37'46
	6853 Nov 14 09:25	0° \mathbb{M}			6856 Jun 01 11:49	0° \mathcal{O}	
	6853 Dec 08 21:21	0° \mathfrak{A}		greatest brilliancy	6856 Jun 20 18:34	11° \mathcal{O} 53'35	-4.8m
	6854 Jan 02 03:06	0° \mathfrak{Z}		retrograde	6856 Jul 01 17:56	14° \mathcal{O} 07'43	
morning set	6854 Jan 15 14:14	16° \mathfrak{Z} 45'36		evening set	6856 Jul 16 16:07	9° \mathcal{O} 44'55	
	6854 Jan 26 04:46	0° \approx		desc. node	6856 Jul 20 02:51	7° \mathcal{O} 44'56	
desc. node	6854 Feb 02 07:25	8° \approx 53'25		min. Earth dist.	6856 Jul 22 13:09	6° \mathcal{O} 15'06	0.28227 AU
	6854 Feb 19 03:40	0° \mathfrak{H}		inferior conj	6856 Jul 23 00:20	5° \mathcal{O} 57'41	-0°42'41
max. Earth dist.	6854 Feb 22 14:42	4° \mathfrak{H} 20'33	1.71340 AU	minimum elong	6856 Jul 22 22:44	6° \mathcal{O} 00'11	0°42'14
				morning rise	6856 Jul 29 05:54	2° \mathcal{O} 14'58	
superior conj	6854 Feb 24 19:11	7° \mathfrak{H} 05'18	-0°51'11		6856 Aug 02 22:52	30° \mathfrak{R} \mathfrak{D}	
minimum elong	6854 Feb 24 08:06	6° \mathfrak{H} 30'30	0°50'42	direct	6856 Aug 13 04:32	27° \mathfrak{D} 54'43	
	6854 Mar 15 00:45	0° Υ		greatest brilliancy	6856 Aug 23 01:32	29° \mathfrak{D} 40'33	-4.7m
evening rise	6854 Apr 06 09:54	28° Υ 08'12			6856 Aug 23 23:28	0° \mathcal{O}	
	6854 Apr 07 21:30	0° \mathfrak{B}		morning max el	6856 Sep 30 22:09	27° \mathcal{O} 37'38	45°42'00
	6854 May 01 20:01	0° \mathbb{I}			6856 Oct 03 09:21	0° \mathfrak{M}	
	6854 May 25 22:42	0° \mathfrak{D}			6856 Nov 01 02:22	0° \mathfrak{L}	




































































































































asc. node	6856 Nov 10 03:10	10°♊05'00			6859 Jun 06 05:14	0°♊	
	6856 Nov 27 11:08	0°♊			6859 Jul 02 18:07	0°♊	
	6856 Dec 22 17:12	0°♊	evening max el		6859 Jul 23 11:02	21°♊27'51	45°48'57
	6857 Jan 16 08:21	0°♊			6859 Aug 01 13:43	0°♊	
	6857 Feb 09 14:49	0°♊	desc. node		6859 Aug 17 14:47	12°♊46'47	
desc. node	6857 Mar 01 19:28	25°♊10'27	greatest brilliancy		6859 Aug 30 20:52	19°♊51'55	-4.7m
	6857 Mar 05 16:04	0°♊	retrograde		6859 Sep 10 11:38	21°♊53'40	
	6857 Mar 29 14:14	0°♊	evening set		6859 Sep 28 01:01	16°♊04'55	
morning set	6857 Apr 01 07:09	3°♊23'49	inferior conj		6859 Oct 02 00:46	13°♊36'34	-8°11'17
	6857 Apr 22 11:15	0°♊	minimum elong		6859 Oct 01 18:53	13°♊45'52	8°10'44
			min. Earth dist.		6859 Oct 01 21:06	13°♊42'21	0.29170 AU
superior conj	6857 May 11 21:00	24°♊21'21 -1°20'21	morning rise		6859 Oct 05 12:46	11°♊26'02	
minimum elong	6857 May 12 05:31	24°♊48'02 1°20'14	direct		6859 Oct 23 15:20	5°♊18'51	
max. Earth dist.	6857 May 14 23:10	28°♊13'44 1.71574 AU	greatest brilliancy		6859 Nov 02 23:03	7°♊14'44	-4.7m
	6857 May 16 09:06	0°♊			6859 Dec 05 13:48	0°♊	
	6857 Jun 09 09:34	0°♊	asc. node		6859 Dec 08 14:58	2°♊52'05	
evening rise	6857 Jun 20 17:22	14°♊04'54	morning max el		6859 Dec 11 21:25	6°♊01'39	46°00'26
asc. node	6857 Jun 22 19:18	16°♊39'48			6860 Jan 03 18:35	0°♊	
	6857 Jul 03 13:45	0°♊			6860 Jan 30 00:12	0°♊	
	6857 Jul 27 22:19	0°♊			6860 Feb 24 02:05	0°♊	
	6857 Aug 21 12:17	0°♊			6860 Mar 19 14:24	0°♊	
	6857 Sep 15 09:51	0°♊	desc. node		6860 Mar 29 07:27	11°♊59'43	
	6857 Oct 10 18:42	0°♊			6860 Apr 12 19:38	0°♊	
desc. node	6857 Oct 12 12:03	2°♊00'44			6860 May 06 21:33	0°♊	
	6857 Nov 05 21:09	0°♊			6860 May 30 22:55	0°♊	
	6857 Dec 03 08:29	0°♊	morning set		6860 Jun 15 03:54	18°♊56'05	
evening max el	6857 Dec 16 06:00	13°♊06'12 46°25'49			6860 Jun 24 01:37	0°♊	
	6858 Jan 04 00:05	0°♊			6860 Jul 18 06:28	0°♊	
greatest brilliancy	6858 Jan 25 04:01	12°♊53'59 -4.9m	asc. node		6860 Jul 20 07:15	2°♊30'51	
asc. node	6858 Feb 02 12:35	14°♊41'39					
retrograde	6858 Feb 04 02:34	14°♊44'39	superior conj		6860 Jul 23 11:46	6°♊27'24	0°07'43
evening set	6858 Feb 18 23:12	10°♊22'31	minimum elong		6860 Jul 23 10:03	6°♊22'06	0°07'35
inferior conj	6858 Feb 24 16:28	6°♊59'59 5°23'32	behind sun begin		6860 Jul 22 13:05	5°♊17'17	
minimum elong	6858 Feb 24 06:04	7°♊15'53 5°20'48	behind sun end		6860 Jul 24 07:01	7°♊26'54	
min. Earth dist.	6858 Feb 24 10:54	7°♊08'30 0.26852 AU	max. Earth dist.		6860 Jul 25 20:55	9°♊23'57	1.72911 AU
morning rise	6858 Mar 01 12:57	4°♊06'32			6860 Aug 11 13:21	0°♊	
	6858 Mar 11 06:07	30°♊	evening rise		6860 Aug 29 12:29	22°♊07'37	
direct	6858 Mar 17 07:29	29°♊14'41			6860 Sep 04 22:06	0°♊	
	6858 Mar 23 12:25	0°♊			6860 Sep 29 09:07	0°♊	
greatest brilliancy	6858 Mar 27 02:07	1°♊04'01 -4.9m	desc. node		6860 Oct 23 23:25	0°♊	
	6858 May 04 16:15	0°♊			6860 Nov 08 23:48	19°♊25'15	
morning max el	6858 May 06 19:14	2°♊07'04 46°55'04			6860 Nov 17 18:05	0°♊	
desc. node	6858 May 25 05:22	21°♊32'23			6860 Dec 12 18:14	0°♊	
	6858 Jun 01 20:39	0°♊			6861 Jan 07 02:38	0°♊	
	6858 Jun 28 00:24	0°♊			6861 Feb 02 04:32	0°♊	
	6858 Jul 23 10:21	0°♊	evening max el		6861 Feb 27 01:54	26°♊45'07	47°03'38
	6858 Aug 17 12:07	0°♊	asc. node		6861 Mar 02 00:18	29°♊41'29	
	6858 Sep 11 08:28	0°♊			6861 Mar 02 07:47	0°♊	
asc. node	6858 Sep 15 05:15	4°♊41'23	greatest brilliancy		6861 Apr 08 19:35	28°♊04'25	-4.9m
	6858 Oct 05 23:47	0°♊	retrograde		6861 Apr 18 17:24	29°♊56'17	
	6858 Oct 30 10:26	0°♊	evening set		6861 May 06 11:53	23°♊53'14	
morning set	6858 Nov 03 21:49	5°♊30'52	inferior conj		6861 May 09 12:37	22°♊01'33	8°31'12
	6858 Nov 23 17:22	0°♊	minimum elong		6861 May 09 20:05	21°♊49'59	8°30'18
max. Earth dist.	6858 Dec 08 09:17	18°♊10'37 1.72554 AU	min. Earth dist.		6861 May 09 10:32	22°♊04'48	0.27321 AU
			morning rise		6861 May 13 04:23	19°♊47'38	
superior conj	6858 Dec 10 21:59	21°♊18'58 0°55'32	direct		6861 May 30 05:14	14°♊12'16	
minimum elong	6858 Dec 11 07:47	21°♊49'24 0°55'14	greatest brilliancy		6861 Jun 08 19:38	15°♊55'06	-4.8m
	6858 Dec 17 21:47	0°♊	desc. node		6861 Jun 21 17:04	22°♊34'22	
desc. node	6859 Jan 04 21:32	22°♊22'45			6861 Jul 01 16:22	0°♊	
	6859 Jan 11 00:24	0°♊	morning max el		6861 Jul 18 20:09	15°♊31'26	46°13'23
evening rise	6859 Jan 18 18:24	9°♊39'42			6861 Aug 02 02:02	0°♊	
	6859 Feb 04 01:29	0°♊			6861 Aug 29 12:27	0°♊	
	6859 Feb 28 01:44	0°♊			6861 Sep 24 15:10	0°♊	
	6859 Mar 24 02:59	0°♊	asc. node		6861 Oct 12 17:09	21°♊18'11	
	6859 Apr 17 08:29	0°♊			6861 Oct 20 00:13	0°♊	
asc. node	6859 Apr 27 21:40	12°♊56'23			6861 Nov 13 20:51	0°♊	
	6859 May 11 22:53	0°♊			6861 Dec 08 08:30	0°♊	

	6862 Jan 01 14:06	0° Z		desc. node	6864 Jul 19 04:58	4° Q 37'16	
morning set	6862 Jan 13 03:39	14° Z 23'31		min. Earth dist.	6864 Jul 20 04:30	4° Q 00'45	0.28182 AU
	6862 Jan 25 15:45	0° \approx		inferior conj	6864 Jul 20 15:33	3° Q 43'35	-0°21'18
desc. node	6862 Feb 01 09:28	8° \approx 25'30		minimum elong	6864 Jul 20 14:45	3° Q 44'50	0°21'07
	6862 Feb 18 14:40	0° X		morning rise	6864 Jul 26 22:09	29° E 59'54	
max. Earth dist.	6862 Feb 19 23:43	1° X 43'42	1.71371 AU		6864 Jul 26 22:04	30° R E	
				direct	6864 Aug 10 19:48	25° E 41'21	
superior conj	6862 Feb 22 06:12	4° X 34'41	-0°47'56	greatest brilliancy	6864 Aug 20 15:45	27° E 26'51	-4.7m
minimum elong	6862 Feb 21 19:32	4° X 01'12	0°47'27		6864 Aug 26 15:53	0° Q	
	6862 Mar 14 11:48	0° Y		morning max el	6864 Sep 28 14:11	25° Q 28'08	45°42'15
evening rise	6862 Apr 03 20:26	25° Y 35'45			6864 Oct 03 06:22	0° W	
	6862 Apr 07 08:36	0° Z			6864 Oct 31 17:25	0° E	
	6862 May 01 07:10	0° II		asc. node	6864 Nov 09 05:12	9° E 30'41	
asc. node	6862 May 25 09:27	29° II 58'20			6864 Nov 27 00:03	0° W	
	6862 May 25 09:59	0° E			6864 Dec 22 05:10	0° X	
	6862 Jun 18 19:28	0° Q			6865 Jan 15 19:50	0° Z	
	6862 Jul 13 14:30	0° W			6865 Feb 09 02:03	0° \approx	
	6862 Aug 08 00:20	0° E		desc. node	6865 Feb 28 21:26	24° \approx 41'59	
	6862 Sep 03 12:36	0° W			6865 Mar 05 03:07	0° X	
desc. node	6862 Sep 14 02:19	11° W 23'27			6865 Mar 29 01:10	0° Y	
evening max el	6862 Oct 02 10:22	29° W 55'11	45°41'01	morning set	6865 Mar 29 17:18	0° Y 50'40	
	6862 Oct 02 12:23	0° X			6865 Apr 21 22:05	0° Z	
greatest brilliancy	6862 Nov 10 19:56	28° X 05'54	-4.8m				
retrograde	6862 Nov 20 04:18	29° X 41'42		superior conj	6865 May 09 08:37	21° Z 53'26	-1°21'48
evening set	6862 Dec 06 10:43	24° X 39'07		minimum elong	6865 May 09 16:25	22° Z 17'52	1°21'44
inferior conj	6862 Dec 11 07:13	21° X 43'57	-5°40'44	max. Earth dist.	6865 May 12 11:30	25° Z 48'10	1.71534 AU
minimum elong	6862 Dec 11 17:16	21° X 28'23	5°38'19		6865 May 15 19:53	0° II	
min. Earth dist.	6862 Dec 12 05:47	21° X 09'01	0.28081 AU		6865 Jun 08 20:21	0° E	
morning rise	6862 Dec 16 23:09	18° X 19'44		evening rise	6865 Jun 18 07:01	11° E 44'51	
direct	6863 Jan 01 11:47	13° X 35'39		asc. node	6865 Jun 21 21:23	16° E 12'52	
asc. node	6863 Jan 05 02:45	13° X 51'12			6865 Jul 03 00:33	0° Q	
greatest brilliancy	6863 Jan 12 17:45	15° X 56'27	-4.8m		6865 Jul 27 09:14	0° W	
	6863 Feb 03 10:11	0° Z			6865 Aug 20 23:29	0° E	
morning max el	6863 Feb 20 21:49	16° Z 18'37	46°45'42		6865 Sep 14 21:36	0° W	
	6863 Mar 05 23:13	0° \approx			6865 Oct 10 07:28	0° X	
	6863 Apr 01 12:54	0° X		desc. node	6865 Oct 11 14:00	1° X 28'57	
desc. node	6863 Apr 26 19:25	29° X 58'38			6865 Nov 05 11:53	0° Z	
	6863 Apr 26 19:53	0° Y			6865 Dec 03 03:45	0° \approx	
	6863 May 21 13:30	0° Z		evening max el	6865 Dec 13 20:19	10° \approx 47'14	46°23'42
	6863 Jun 15 01:29	0° II			6866 Jan 04 14:55	0° X	
	6863 Jul 09 11:50	0° E		greatest brilliancy	6866 Jan 22 17:03	10° X 28'43	-4.9m
	6863 Aug 02 22:07	0° Q		retrograde	6866 Feb 01 14:51	12° X 18'17	
asc. node	6863 Aug 17 19:12	18° Q 16'28		asc. node	6866 Feb 01 14:37	12° X 18'17	
morning set	6863 Aug 25 05:48	27° Q 25'07		evening set	6866 Feb 16 09:16	8° X 00'14	
	6863 Aug 27 08:12	0° W		inferior conj	6866 Feb 22 05:03	4° X 34'00	5°03'20
	6863 Sep 20 17:25	0° E		minimum elong	6866 Feb 21 19:02	4° X 49'22	5°00'38
max. Earth dist.	6863 Sep 30 07:01	11° E 47'11	1.73365 AU	min. Earth dist.	6866 Feb 22 00:26	4° X 41'05	0.26855 AU
				morning rise	6866 Feb 27 04:48	1° X 35'41	
superior conj	6863 Oct 01 00:18	12° E 40'26	1°21'09		6866 Mar 02 05:40	30° R \approx	
minimum elong	6863 Sep 30 18:37	12° E 22'55	1°21'05	direct	6866 Mar 14 20:24	26° \approx 48'37	
	6863 Oct 15 01:38	0° W		greatest brilliancy	6866 Mar 24 16:07	28° \approx 38'36	-4.9m
evening rise	6863 Nov 06 10:52	27° W 36'19			6866 Mar 27 23:46	0° X	
	6863 Nov 08 09:28	0° X		morning max el	6866 May 04 07:39	29° X 40'30	46°55'49
	6863 Dec 02 17:37	0° Z			6866 May 04 15:25	0° Y	
desc. node	6863 Dec 07 11:41	5° Z 51'20		desc. node	6866 May 24 07:26	20° Y 49'42	
	6863 Dec 27 02:14	0° \approx			6866 Jun 01 12:58	0° Z	
	6864 Jan 20 11:25	0° X			6866 Jun 27 14:10	0° II	
	6864 Feb 13 22:31	0° Y			6866 Jul 22 22:46	0° E	
	6864 Mar 09 15:52	0° Z			6866 Aug 16 23:42	0° Q	
asc. node	6864 Mar 29 11:49	23° Z 32'59			6866 Sep 10 19:31	0° W	
	6864 Apr 04 00:47	0° II		asc. node	6866 Sep 14 07:05	4° W 13'36	
	6864 Apr 30 22:47	0° E			6866 Oct 05 10:31	0° E	
evening max el	6864 May 10 06:14	9° E 36'28	46°39'34		6866 Oct 29 20:59	0° W	
	6864 Jun 02 01:10	0° Q		morning set	6866 Nov 01 15:11	3° W 23'56	
greatest brilliancy	6864 Jun 18 10:17	9° Q 38'51	-4.8m		6866 Nov 23 03:53	0° X	
retrograde	6864 Jun 29 10:10	11° Q 53'12		max. Earth dist.	6866 Dec 06 00:11	15° X 55'21	1.72597 AU
evening set	6864 Jul 14 08:00	7° Q 29'59					

superior conj	6866 Dec 08 13:54	19°  06'46	0°58'06	direct	6869 May 27 17:51	11°  48'55	
minimum elong	6866 Dec 08 23:45	19°  37'21	0°57'48	greatest brilliancy	6869 Jun 06 08:48	13°  32'24	-4.8m
	6866 Dec 17 08:21	0°  3		desc. node	6869 Jun 20 19:09	21°  14'16	
desc. node	6867 Jan 03 23:38	21°  356'06			6869 Jul 02 01:31	0°  II	
	6867 Jan 10 11:05	0°  ≈		morning max el	6869 Jul 16 10:10	13°  II12'30	46°15'08
evening rise	6867 Jan 16 08:02	7°  ≈19'04			6869 Aug 01 20:17	0°  ☾	
	6867 Feb 03 12:22	0°  ✕			6869 Aug 29 02:46	0°  Ω	
	6867 Feb 27 12:51	0°  Υ			6869 Sep 24 03:42	0°  ♍	
	6867 Mar 23 14:22	0°  ♄		asc. node	6869 Oct 11 19:09	20°  ♍49'04	
	6867 Apr 16 20:15	0°  II			6869 Oct 19 11:49	0°  ♊	
asc. node	6867 Apr 26 23:39	12°  II25'46			6869 Nov 13 07:55	0°  ♋	
	6867 May 11 11:18	0°  ☾			6869 Dec 07 19:18	0°  ♈	
	6867 Jun 05 18:55	0°  Ω			6870 Jan 01 00:47	0°  ♊	
	6867 Jul 02 10:43	0°  ♍		morning set	6870 Jan 10 17:42	12°  ♊04'32	
evening max el	6867 Jul 21 01:48	19°  ♍13'58	45°50'11		6870 Jan 25 02:24	0°  ≈	
	6867 Aug 01 16:40	0°  ♊		desc. node	6870 Jan 31 11:25	7°  ≈58'21	
desc. node	6867 Aug 16 16:43	11°  ♊33'41		max. Earth dist.	6870 Feb 17 11:47	29°  ≈17'29	1.71400 AU
greatest brilliancy	6867 Aug 28 12:45	17°  ♊43'10	-4.7m		6870 Feb 18 01:20	0°  ✕	
retrograde	6867 Sep 08 03:27	19°  ♊45'26					
evening set	6867 Sep 25 14:33	14°  ♊00'57		superior conj	6870 Feb 19 17:48	2°  ✕06'57	-0°44'37
inferior conj	6867 Sep 29 17:14	11°  ♊28'19	-8°04'51	minimum elong	6870 Feb 19 07:38	1°  ✕35'03	0°44'09
minimum elong	6867 Sep 29 10:44	11°  ♊38'34	8°04'12		6870 Mar 13 22:30	0°  Υ	
min. Earth dist.	6867 Sep 29 12:52	11°  ♊35'12	0.29163 AU	evening rise	6870 Apr 01 07:28	23°  Υ05'54	
morning rise	6867 Oct 03 06:56	9°  ♊15'06			6870 Apr 06 19:21	0°  ♄	
direct	6867 Oct 21 07:11	3°  ♊10'48			6870 Apr 30 18:03	0°  II	
greatest brilliancy	6867 Oct 31 14:59	5°  ♊06'11	-4.7m	asc. node	6870 May 24 11:32	29°  II30'30	
	6867 Dec 05 13:32	0°  ♋			6870 May 24 21:04	0°  ☾	
asc. node	6867 Dec 07 16:59	2°  ♋02'55			6870 Jun 18 06:53	0°  Ω	
morning max el	6867 Dec 09 11:41	3°  ♋46'32	45°59'10		6870 Jul 13 02:30	0°  ♍	
	6868 Jan 03 10:25	0°  ♈			6870 Aug 07 13:29	0°  ♊	
	6868 Jan 29 13:34	0°  ♊			6870 Sep 03 04:12	0°  ♋	
	6868 Feb 23 14:19	0°  ≈		desc. node	6870 Sep 13 04:18	10°  ♋42'56	
	6868 Mar 19 02:04	0°  ✕		evening max el	6870 Sep 30 01:32	27°  ♋43'16	45°40'27
desc. node	6868 Mar 28 09:22	11°  ✕30'02			6870 Oct 02 11:22	0°  ♈	
	6868 Apr 12 06:57	0°  Υ		greatest brilliancy	6870 Nov 08 09:09	25°  ♈50'35	-4.8m
	6868 May 06 08:37	0°  ♄		retrograde	6870 Nov 17 19:11	27°  ♈27'23	
	6868 May 30 09:46	0°  II		evening set	6870 Dec 04 04:19	22°  ♈19'59	
morning set	6868 Jun 12 17:55	16°  II37'00		inferior conj	6870 Dec 08 22:01	19°  ♈28'30	-5°56'30
	6868 Jun 23 12:17	0°  ☾		minimum elong	6870 Dec 09 08:11	19°  ♈12'45	5°54'09
	6868 Jul 17 17:01	0°  Ω		min. Earth dist.	6870 Dec 09 20:11	18°  ♈54'10	0.28145 AU
asc. node	6868 Jul 19 09:12	2°  Ω04'18		morning rise	6870 Dec 14 11:29	16°  ♈07'53	
				direct	6870 Dec 30 03:44	11°  ♈19'28	
superior conj	6868 Jul 21 03:28	4°  Ω15'01	0°04'17	asc. node	6871 Jan 04 04:46	11°  ♈49'20	
minimum elong	6868 Jul 21 02:31	4°  Ω12'02	0°04'11	greatest brilliancy	6871 Jan 10 08:52	13°  ♈39'55	-4.8m
behind sun begin	6868 Jul 20 03:34	3°  Ω01'04			6871 Feb 03 17:32	0°  ♊	
behind sun end	6868 Jul 22 01:28	5°  Ω23'00		morning max el	6871 Feb 18 13:47	14°  ♊02'58	46°44'28
max. Earth dist.	6868 Jul 23 13:42	7°  Ω15'01	1.72869 AU		6871 Mar 05 17:10	0°  ≈	
	6868 Aug 10 23:52	0°  ♍			6871 Apr 01 03:21	0°  ✕	
evening rise	6868 Aug 27 06:06	20°  ♍01'45		desc. node	6871 Apr 25 21:31	29°  ✕26'12	
	6868 Sep 04 08:41	0°  ♊			6871 Apr 26 08:45	0°  Υ	
	6868 Sep 28 19:52	0°  ♋			6871 May 21 01:29	0°  ♄	
	6868 Oct 23 10:30	0°  ♈			6871 Jun 14 12:55	0°  II	
desc. node	6868 Nov 08 01:53	18°  ♈57'07			6871 Jul 08 22:54	0°  ☾	
	6868 Nov 17 05:42	0°  ♊			6871 Aug 02 08:56	0°  Ω	
	6868 Dec 12 06:41	0°  ≈		asc. node	6871 Aug 16 21:06	17°  Ω49'30	
	6869 Jan 06 16:28	0°  ✕		morning set	6871 Aug 22 22:44	25°  Ω16'57	
	6869 Feb 01 21:06	0°  Υ			6871 Aug 26 18:50	0°  ♍	
evening max el	6869 Feb 24 14:29	24°  Υ19'05	47°03'08		6871 Sep 20 03:56	0°  ♊	
asc. node	6869 Mar 01 02:10	28°  Υ47'14		max. Earth dist.	6871 Sep 28 04:37	9°  ♊53'24	1.73369 AU
	6869 Mar 02 08:02	0°  ♄					
greatest brilliancy	6869 Apr 06 09:35	25°  ♄40'56	-4.9m	superior conj	6871 Sep 28 18:02	10°  ♊34'45	1°20'02
retrograde	6869 Apr 16 06:40	27°  ♄32'42		minimum elong	6871 Sep 28 11:50	10°  ♊15'37	1°19'57
evening set	6869 May 04 03:54	21°  ♄25'37			6871 Oct 14 12:09	0°  ♋	
inferior conj	6869 May 07 01:56	19°  ♄38'16	8°39'17	evening rise	6871 Nov 04 03:41	25°  ♋27'26	
minimum elong	6869 May 07 08:41	19°  ♄27'50	8°38'34		6871 Nov 07 20:07	0°  ♈	
min. Earth dist.	6869 May 06 23:44	19°  ♄41'40	0.27305 AU		6871 Dec 02 04:30	0°  ♊	
morning rise	6869 May 10 13:31	17°  ♄30'44		desc. node	6871 Dec 06 13:43	5°  ♊23'57	

	6871 Dec 26 13:27	0°♊		morning max el	6874 May 01 19:38	27°♎12'19	46°56'33
	6872 Jan 19 23:03	0°♋			6874 May 04 13:46	0°♌	
	6872 Feb 13 10:44	0°♍		desc. node	6874 May 23 09:26	20°♌07'01	
	6872 Mar 09 05:00	0°♎			6874 Jun 01 05:10	0°♏	
asc. node	6872 Mar 28 13:53	22°♎57'01			6874 Jun 27 03:56	0°♐	
	6872 Apr 03 15:40	0°♑			6874 Jul 22 11:15	0°♒	
	6872 Apr 30 17:58	0°♓			6874 Aug 16 11:23	0°♑	
evening max el	6872 May 07 22:14	7°♓21'57	46°41'13		6874 Sep 10 06:43	0°♒	
	6872 Jun 02 18:47	0°♑		asc. node	6874 Sep 13 09:08	3°♒45'56	
greatest brilliancy	6872 Jun 16 02:21	7°♑24'58	-4.8m		6874 Oct 04 21:27	0°♓	
retrograde	6872 Jun 27 02:07	9°♑38'45			6874 Oct 29 07:49	0°♔	
evening set	6872 Jul 12 00:05	5°♑15'10		morning set	6874 Oct 30 08:21	1°♔15'36	
inferior conj	6872 Jul 18 06:46	1°♑29'38	0°00'04		6874 Nov 22 14:42	0°♑	
minimum elong	6872 Jul 18 06:46	1°♑29'38	0°00'01	max. Earth dist.	6874 Dec 03 15:51	13°♑41'32	1.72640 AU
transit middle	6872 Jul 18 06:46	1°♑29'38	0°00'01				
transit begin	6872 Jul 18 02:43	1°♑35'57		superior conj	6874 Dec 06 05:39	16°♑53'12	1°00'35
transit end	6872 Jul 18 10:50	1°♑23'19		minimum elong	6874 Dec 06 15:31	17°♑23'47	1°00'18
min. Earth dist.	6872 Jul 17 19:58	1°♑46'26	0.28142 AU		6874 Dec 16 19:13	0°♓	
desc. node	6872 Jul 18 06:53	1°♑29'27		desc. node	6875 Jan 03 01:32	21°♓28'00	
	6872 Jul 20 16:51	30°♋♓			6875 Jan 09 22:03	0°♊	
morning rise	6872 Jul 24 14:12	27°♓44'59		evening rise	6875 Jan 13 21:32	4°♊57'19	
direct	6872 Aug 08 11:18	23°♓28'10			6875 Feb 02 23:30	0°♋	
greatest brilliancy	6872 Aug 18 06:00	25°♓12'57	-4.7m		6875 Feb 27 00:12	0°♌	
	6872 Aug 28 07:40	0°♑			6875 Mar 23 02:01	0°♎	
morning max el	6872 Sep 26 05:30	23°♑16'34	45°42'26		6875 Apr 16 08:19	0°♐	
	6872 Oct 03 02:45	0°♒		asc. node	6875 Apr 26 01:42	11°♐54'27	
	6872 Oct 31 08:22	0°♓			6875 May 11 00:04	0°♒	
asc. node	6872 Nov 08 07:15	8°♓56'26			6875 Jun 05 09:02	0°♑	
	6872 Nov 26 12:57	0°♔			6875 Jul 02 03:58	0°♒	
	6872 Dec 21 17:06	0°♑		evening max el	6875 Jul 18 16:07	16°♒58'12	45°51'33
	6873 Jan 15 07:17	0°♓			6875 Aug 01 21:47	0°♓	
	6873 Feb 08 13:14	0°♊		desc. node	6875 Aug 15 18:41	10°♓17'43	
desc. node	6873 Feb 27 23:19	24°♊13'21		greatest brilliancy	6875 Aug 26 04:06	15°♓32'56	-4.7m
	6873 Mar 04 14:10	0°♋		retrograde	6875 Sep 05 19:34	17°♓36'31	
morning set	6873 Mar 27 03:33	28°♋17'47		evening set	6875 Sep 23 03:55	11°♓56'05	
	6873 Mar 28 12:07	0°♌		inferior conj	6875 Sep 27 09:40	9°♓19'09	-7°57'44
	6873 Apr 21 08:58	0°♎		minimum elong	6875 Sep 27 02:35	9°♓30'18	7°56'57
				min. Earth dist.	6875 Sep 27 04:30	9°♓27'17	0.29158 AU
superior conj	6873 May 06 20:26	19°♎26'00	-1°23'06	morning rise	6875 Oct 01 01:15	7°♓03'10	
minimum elong	6873 May 07 03:27	19°♎48'01	1°23'03	direct	6875 Oct 18 22:59	1°♓01'39	
max. Earth dist.	6873 May 09 23:22	23°♎20'57	1.71492 AU	greatest brilliancy	6875 Oct 29 07:08	2°♓57'03	-4.7m
	6873 May 15 06:43	0°♐			6875 Dec 05 12:42	0°♔	
	6873 Jun 08 07:08	0°♒		asc. node	6875 Dec 06 18:58	1°♔13'19	
evening rise	6873 Jun 15 20:43	9°♒24'46		morning max el	6875 Dec 07 02:33	1°♔31'48	45°57'51
asc. node	6873 Jun 20 23:20	15°♒45'25			6876 Jan 03 02:27	0°♑	
	6873 Jul 02 11:23	0°♑			6876 Jan 29 03:15	0°♓	
	6873 Jul 26 20:13	0°♒			6876 Feb 23 02:55	0°♊	
	6873 Aug 20 10:49	0°♓			6876 Mar 18 14:03	0°♋	
	6873 Sep 14 09:33	0°♔		desc. node	6876 Mar 27 11:31	11°♋00'03	
	6873 Oct 09 20:32	0°♑			6876 Apr 11 18:34	0°♌	
desc. node	6873 Oct 10 16:04	0°♑56'47			6876 May 05 19:59	0°♎	
	6873 Nov 05 03:02	0°♓			6876 May 29 20:56	0°♐	
	6873 Dec 02 23:47	0°♊		morning set	6876 Jun 10 07:47	14°♐16'16	
evening max el	6873 Dec 11 09:43	8°♊25'40	46°21'48		6876 Jun 22 23:18	0°♒	
	6874 Jan 05 11:00	0°♋			6876 Jul 17 03:55	0°♑	
greatest brilliancy	6874 Jan 20 06:41	8°♋04'06	-4.9m	asc. node	6876 Jul 18 11:08	1°♑36'33	
retrograde	6874 Jan 30 02:51	9°♋52'15					
asc. node	6874 Jan 31 16:30	9°♋49'18		superior conj	6876 Jul 18 19:09	2°♑01'21	0°00'49
evening set	6874 Feb 13 19:44	5°♋37'39		minimum elong	6876 Jul 18 18:58	2°♑00'48	0°00'45
inferior conj	6874 Feb 19 17:50	2°♋08'20	4°42'46	behind sun begin	6876 Jul 17 19:22	0°♑47'48	
minimum elong	6874 Feb 19 08:15	2°♋23'02	4°40'07	behind sun end	6876 Jul 19 18:34	3°♑13'48	
min. Earth dist.	6874 Feb 19 14:27	2°♋13'32	0.26860 AU	max. Earth dist.	6876 Jul 21 05:35	5°♑02'03	1.72829 AU
	6874 Feb 23 06:36	30°♋♊			6876 Aug 10 10:44	0°♒	
morning rise	6874 Feb 24 20:40	29°♊05'19		evening rise	6876 Aug 24 23:51	17°♒55'12	
direct	6874 Mar 12 09:01	24°♊22'35			6876 Sep 03 19:37	0°♓	
greatest brilliancy	6874 Mar 22 06:50	26°♊13'57	-4.9m		6876 Sep 28 06:59	0°♔	
	6874 Mar 30 05:34	0°♋			6876 Oct 22 21:58	0°♑	

desc. node	6876 Nov 07 03:54	18°♊27'29		6879 Jul 08 10:18	0°♎	
	6876 Nov 16 17:46	0°♎		6879 Aug 01 20:02	0°♎	
	6876 Dec 11 19:40	0°♎	asc. node	6879 Aug 15 23:08	17°♎22'03	
	6877 Jan 06 06:58	0°♋	morning set	6879 Aug 20 15:40	23°♎07'54	
	6877 Feb 01 14:34	0°♊		6879 Aug 26 05:45	0°♎	
evening max el	6877 Feb 22 03:45	21°♊53'27	47°02'49	6879 Sep 19 14:45	0°♎	
asc. node	6877 Feb 28 04:16	27°♊50'59				
	6877 Mar 02 10:10	0°♋	superior conj	6879 Sep 26 11:55	8°♎28'35	1°18'51
greatest brilliancy	6877 Apr 03 22:57	23°♋15'20	-4.9m	minimum elong	6879 Sep 26 05:13	8°♎07'57 1°18'43
retrograde	6877 Apr 13 20:28	25°♋07'45		max. Earth dist.	6879 Sep 26 01:05	7°♎55'15 1.73372 AU
evening set	6877 May 01 19:38	18°♋56'47			6879 Oct 13 23:00	0°♎
inferior conj	6877 May 04 15:10	17°♋13'24	8°46'34	evening rise	6879 Nov 01 20:45	23°♎18'22
minimum elong	6877 May 04 21:08	17°♋04'12	8°45'59		6879 Nov 07 07:04	0°♊
min. Earth dist.	6877 May 04 12:23	17°♋17'42	0.27286 AU		6879 Dec 01 15:40	0°♎
morning rise	6877 May 07 22:43	15°♋12'10		desc. node	6879 Dec 05 15:38	4°♎55'22
direct	6877 May 25 06:52	9°♋24'11			6879 Dec 26 00:55	0°♎
greatest brilliancy	6877 Jun 03 21:15	11°♋07'42	-4.8m		6880 Jan 19 10:56	0°♋
desc. node	6877 Jun 19 21:07	19°♋55'27			6880 Feb 12 23:15	0°♊
	6877 Jul 02 08:36	0°♋			6880 Mar 08 18:33	0°♋
morning max el	6877 Jul 14 00:55	10°♋54'13	46°16'47	asc. node	6880 Mar 27 15:53	22°♋19'30
	6877 Aug 01 14:29	0°♎			6880 Apr 03 07:09	0°♋
	6877 Aug 28 17:18	0°♎			6880 Apr 30 14:13	0°♎
	6877 Sep 23 16:33	0°♎	evening max el	6880 May 05 13:39	5°♎04'35	46°42'48
asc. node	6877 Oct 10 21:14	20°♎19'06			6880 Jun 03 19:39	0°♎
	6877 Oct 18 23:44	0°♎	greatest brilliancy	6880 Jun 13 19:04	5°♎10'25	-4.8m
	6877 Nov 12 19:20	0°♎	retrograde	6880 Jun 24 17:34	7°♎22'46	
	6877 Dec 07 06:28	0°♊	evening set	6880 Jul 09 16:15	2°♎58'46	
	6877 Dec 31 11:51	0°♎		6880 Jul 14 16:37	30°♎	
morning set	6878 Jan 08 07:47	9°♎44'25		inferior conj	6880 Jul 15 21:53	29°♎14'25 0°21'37
	6878 Jan 24 13:29	0°♎	minimum elong	6880 Jul 15 22:41	29°♎13'09	0°21'19
desc. node	6878 Jan 30 13:24	7°♎29'53		min. Earth dist.	6880 Jul 15 11:36	29°♎30'26 0.28098 AU
max. Earth dist.	6878 Feb 14 22:47	26°♎46'33	1.71432 AU	desc. node	6880 Jul 17 08:53	28°♎20'04
				morning rise	6880 Jul 22 05:54	25°♎28'50
superior conj	6878 Feb 17 05:02	29°♎36'44	-0°41'12	direct	6880 Aug 06 02:13	21°♎13'51
minimum elong	6878 Feb 16 19:29	29°♎06'43	0°40'44	greatest brilliancy	6880 Aug 15 20:18	22°♎57'59 -4.7m
	6878 Feb 17 12:28	0°♋			6880 Aug 29 11:48	0°♎
	6878 Mar 13 09:40	0°♊		morning max el	6880 Sep 23 19:50	21°♎01'58 45°42'44
evening rise	6878 Mar 29 18:01	20°♊33'05			6880 Oct 02 22:42	0°♎
	6878 Apr 06 06:34	0°♋			6880 Oct 30 23:16	0°♎
	6878 Apr 30 05:21	0°♋		asc. node	6880 Nov 07 09:08	8°♎21'28
asc. node	6878 May 23 13:27	29°♋00'54			6880 Nov 26 01:55	0°♎
	6878 May 24 08:34	0°♎			6880 Dec 21 05:09	0°♊
	6878 Jun 17 18:43	0°♎			6881 Jan 14 18:51	0°♎
	6878 Jul 12 14:57	0°♎			6881 Feb 08 00:31	0°♎
	6878 Aug 07 03:07	0°♎		desc. node	6881 Feb 27 01:27	23°♎45'11
	6878 Sep 02 20:30	0°♎			6881 Mar 04 01:17	0°♋
desc. node	6878 Sep 12 06:25	10°♎01'15		morning set	6881 Mar 24 13:53	25°♋44'46
evening max el	6878 Sep 27 17:12	25°♎31'32	45°39'54		6881 Mar 27 23:09	0°♊
	6878 Oct 02 11:53	0°♊			6881 Apr 20 19:58	0°♋
greatest brilliancy	6878 Nov 05 22:48	23°♊35'12	-4.7m			
retrograde	6878 Nov 15 09:59	25°♊12'21		superior conj	6881 May 04 08:04	16°♋57'31 -1°24'15
evening set	6878 Dec 01 22:03	20°♊00'31		minimum elong	6881 May 04 14:14	17°♋16'52 1°24'13
inferior conj	6878 Dec 06 12:56	17°♊12'37	-6°11'32	max. Earth dist.	6881 May 07 07:57	20°♋42'57 1.71455 AU
minimum elong	6878 Dec 06 23:07	16°♊56'47	6°09'17		6881 May 14 17:41	0°♋
min. Earth dist.	6878 Dec 07 10:35	16°♊39'01	0.28207 AU		6881 Jun 07 18:06	0°♎
morning rise	6878 Dec 11 23:43	13°♊55'36		evening rise	6881 Jun 13 09:53	7°♎02'24
direct	6878 Dec 27 19:45	9°♊03'02		asc. node	6881 Jun 20 01:16	15°♎17'23
asc. node	6879 Jan 03 06:40	9°♊51'24			6881 Jul 01 22:23	0°♎
greatest brilliancy	6879 Jan 07 23:36	11°♊22'16	-4.8m		6881 Jul 26 07:21	0°♎
	6879 Feb 03 23:05	0°♎			6881 Aug 19 22:17	0°♎
morning max el	6879 Feb 16 05:09	11°♎44'47	46°42'57		6881 Sep 13 21:38	0°♎
	6879 Mar 05 11:09	0°♎			6881 Oct 09 09:44	0°♊
	6879 Mar 31 18:05	0°♋		desc. node	6881 Oct 09 18:03	0°♊24'07
desc. node	6879 Apr 24 23:30	28°♋52'12			6881 Nov 04 18:25	0°♎
	6879 Apr 25 21:59	0°♊			6881 Dec 02 20:30	0°♎
	6879 May 20 13:51	0°♋		evening max el	6881 Dec 08 22:35	6°♎02'59 46°19'57
	6879 Jun 14 00:43	0°♋			6882 Jan 06 14:11	0°♋

greatest brilliancy	6882 Jan 17 20:29	5°  40'05	-4.9m		6884 Jun 22 09:56	0° 	
retrograde	6882 Jan 27 15:03	7°  27'10					
asc. node	6882 Jan 30 18:35	7°  15'12		superior conj	6884 Jul 16 10:55	29°  48'58	-0°02'41
evening set	6882 Feb 11 06:34	3°  15'14		minimum elong	6884 Jul 16 11:32	29°  50'55	0°02'42
	6882 Feb 16 19:58	30°  8'33		behind sun begin	6884 Jul 15 12:02	28°  38'11	
inferior conj	6882 Feb 17 06:45	29°  43'28	4°21'45	behind sun end	6884 Jul 17 11:02	1°  03'37	
minimum elong	6882 Feb 16 21:42	29°  57'22	4°19'10		6884 Jul 16 14:28	0° 	
min. Earth dist.	6882 Feb 17 04:42	29°  46'36	0.26868 AU	asc. node	6884 Jul 17 13:13	1°  01'02	
morning rise	6882 Feb 22 12:35	26°  36'06		max. Earth dist.	6884 Jul 18 22:38	2°  05'46	1.72793 AU
direct	6882 Mar 09 21:30	21°  57'08			6884 Aug 09 21:17	0° 	
greatest brilliancy	6882 Mar 19 21:54	23°  50'29	-4.9m	evening rise	6884 Aug 22 17:39	15°  09'48	
	6882 Mar 31 16:28	0° 			6884 Sep 03 06:14	0° 	
morning max el	6882 Apr 29 08:09	24°  45'49	46°57'12		6884 Sep 27 17:47	0° 	
	6882 May 04 11:07	0° 			6884 Oct 22 09:07	0° 	
desc. node	6882 May 22 11:23	19°  25'03		desc. node	6884 Nov 06 05:48	17°  27'58'30	
	6882 May 31 21:00	0° 			6884 Nov 16 05:31	0° 	
	6882 Jun 26 17:32	0° 			6884 Dec 11 08:22	0° 	
	6882 Jul 21 23:39	0° 			6885 Jan 05 21:15	0° 	
	6882 Aug 15 23:02	0° 			6885 Feb 01 08:00	0° 	
	6882 Sep 09 17:52	0° 		evening max el	6885 Feb 19 18:06	19°  07'39	47°02'20
asc. node	6882 Sep 12 11:12	3°  18'28		asc. node	6885 Feb 27 06:18	26°  05'29	
	6882 Oct 04 08:18	0° 			6885 Mar 02 13:22	0° 	
morning set	6882 Oct 28 01:29	29°  07'33		greatest brilliancy	6885 Apr 01 12:02	20°  08'29	-4.9m
	6882 Oct 28 18:31	0° 		retrograde	6885 Apr 11 10:40	22°  04'38	
	6882 Nov 22 01:22	0° 		evening set	6885 Apr 29 11:03	16°  08'29'26	
max. Earth dist.	6882 Dec 01 09:50	11°  35'22	1.72683 AU	inferior conj	6885 May 02 04:21	14°  08'49'29	8°52'54
				minimum elong	6885 May 02 09:31	14°  08'41'32	8°52'28
superior conj	6882 Dec 03 21:31	14°  34'02'24	1°02'58	min. Earth dist.	6885 May 02 00:45	14°  08'55'02	0.27263 AU
minimum elong	6882 Dec 04 07:20	15°  31'10'51	1°02'42	morning rise	6885 May 05 08:04	12°  05'41'10	
	6882 Dec 16 05:56	0° 		direct	6885 May 22 20:14	7°  00'42	
desc. node	6883 Jan 02 03:32	21°  30'03'36		greatest brilliancy	6885 Jun 01 09:03	8°  08'43'24	-4.8m
	6883 Jan 09 08:54	0° 		desc. node	6885 Jun 18 23:05	18°  08'40'26	
evening rise	6883 Jan 11 11:18	2°  36'54			6885 Jul 02 12:57	0° 	
	6883 Feb 02 10:31	0° 		morning max el	6885 Jul 11 15:47	8°  02'37'37	46°18'30
	6883 Feb 26 11:25	0° 			6885 Aug 01 07:44	0° 	
	6883 Mar 22 13:29	0° 			6885 Aug 28 07:12	0° 	
	6883 Apr 15 20:11	0° 			6885 Sep 23 04:52	0° 	
asc. node	6883 Apr 25 03:38	11°  23'25		asc. node	6885 Oct 09 23:05	19°  09'49'49	
	6883 May 10 12:39	0° 			6885 Oct 18 11:13	0° 	
	6883 Jun 04 23:03	0° 			6885 Nov 12 06:20	0° 	
	6883 Jul 01 21:24	0° 			6885 Dec 06 17:13	0° 	
evening max el	6883 Jul 16 07:07	14°  09'44'32	45°52'54		6885 Dec 30 22:31	0° 	
	6883 Aug 02 04:54	0° 		morning set	6886 Jan 05 21:59	7°  03'26'09	
desc. node	6883 Aug 14 20:49	9°  00'04			6886 Jan 24 00:08	0° 	
greatest brilliancy	6883 Aug 23 19:01	13°  02'22'30	-4.7m	desc. node	6886 Jan 29 15:28	7°  03'03'00	
retrograde	6883 Sep 03 12:12	15°  02'28'00		max. Earth dist.	6886 Feb 12 09:00	24°  00'14'37	1.71465 AU
evening set	6883 Sep 20 17:11	9°  05'13'37					
inferior conj	6883 Sep 25 02:03	7°  01'10'18	-7°49'56	superior conj	6886 Feb 14 16:24	27°  00'08'18	-0°37'43
minimum elong	6883 Sep 24 18:27	7°  02'22'15	7°49'00	minimum elong	6886 Feb 14 07:30	26°  00'40'23	0°37'16
min. Earth dist.	6883 Sep 24 19:52	7°  02'20'01	0.29149 AU		6886 Feb 16 23:09	0° 	
morning rise	6883 Sep 28 19:45	4°  02'51'25			6886 Mar 12 20:26	0° 	
	6883 Oct 09 03:02	30°  08'09'00		evening rise	6886 Mar 27 04:38	18°  00'01'39	
direct	6883 Oct 16 14:58	28°  09'52'58			6886 Apr 05 17:24	0° 	
	6883 Oct 24 10:04	0° 			6886 Apr 29 16:18	0° 	
greatest brilliancy	6883 Oct 26 22:56	0°  02'48'15	-4.7m	asc. node	6886 May 22 15:27	28°  02'11'32'41	
morning max el	6883 Dec 04 18:15	29°  02'00'05	45°56'36		6886 May 23 19:41	0° 	
	6883 Dec 05 10:35	0° 			6886 Jun 17 06:08	0° 	
asc. node	6883 Dec 05 20:58	0°  02'25'28			6886 Jul 12 02:58	0° 	
	6884 Jan 02 17:55	0° 			6886 Aug 06 16:21	0° 	
	6884 Jan 28 16:31	0° 			6886 Sep 02 12:32	0° 	
	6884 Feb 22 15:09	0° 		desc. node	6886 Sep 11 08:20	9°  00'20'00	
	6884 Mar 18 01:43	0° 		evening max el	6886 Sep 25 08:43	23°  00'11'20'52	45°39'14
desc. node	6884 Mar 26 13:24	10°  02'30'16			6886 Oct 02 13:04	0° 	
	6884 Apr 11 05:52	0° 		greatest brilliancy	6886 Nov 03 13:12	21°  02'22'07	-4.7m
	6884 May 05 06:59	0° 		retrograde	6886 Nov 13 00:20	22°  02'58'55	
	6884 May 29 07:43	0° 		evening set	6886 Nov 29 15:57	17°  02'42'48	
morning set	6884 Jun 07 21:54	11°  02'57'19		inferior conj	6886 Dec 04 04:01	14°  02'58'34	-6°25'56

minimum elong	6886 Dec 04 14:10	14° ♊ 42'46	6°23'47		6889 May 14 04:26	0° ♊	
min. Earth dist.	6886 Dec 05 01:25	14° ♊ 25'16	0.28268 AU		6889 Jun 07 04:50	0° ♋	
morning rise	6886 Dec 09 11:57	11° ♊ 45'09		evening rise	6889 Jun 10 22:50	4° ♋ 39'59	
direct	6886 Dec 25 11:37	6° ♊ 48'26		asc. node	6889 Jun 19 03:22	14° ♋ 50'27	
asc. node	6887 Jan 02 08:45	7° ♊ 59'30			6889 Jul 01 09:11	0° ♌	
greatest brilliancy	6887 Jan 05 14:41	9° ♊ 06'32	-4.8m		6889 Jul 25 18:20	0° ♍	
	6887 Feb 04 02:12	0° ♋			6889 Aug 19 09:36	0° ♎	
morning max el	6887 Feb 13 19:39	9° ♋ 25'50	46°41'24		6889 Sep 13 09:34	0° ♏	
	6887 Mar 05 04:14	0° ♌		desc. node	6889 Oct 08 20:00	29° ♏ 51'53	
	6887 Mar 31 08:10	0° ♍			6889 Oct 08 22:48	0° ♎	
desc. node	6887 Apr 24 01:25	28° ♍ 19'31			6889 Nov 04 09:47	0° ♏	
	6887 Apr 25 10:40	0° ♎			6889 Dec 02 17:41	0° ♐	
	6887 May 20 01:45	0° ♏		evening max el	6889 Dec 06 11:13	3° ♐ 40'37	46°18'04
	6887 Jun 13 12:05	0° ♊			6890 Jan 08 04:37	0° ♑	
	6887 Jul 07 21:18	0° ♋		greatest brilliancy	6890 Jan 15 09:43	3° ♑ 15'44	-4.8m
	6887 Aug 01 06:45	0° ♌		retrograde	6890 Jan 25 03:29	5° ♑ 02'24	
asc. node	6887 Aug 15 01:09	16° ♌ 55'48		asc. node	6890 Jan 29 20:35	4° ♑ 35'22	
morning set	6887 Aug 18 08:46	21° ♌ 00'34		evening set	6890 Feb 08 17:29	0° ♑ 52'23	
	6887 Aug 25 16:14	0° ♍			6890 Feb 10 07:26	30° ♒	
	6887 Sep 19 01:09	0° ♎		inferior conj	6890 Feb 14 19:34	27° ♒ 18'30	4°00'00
				minimum elong	6890 Feb 14 11:05	27° ♒ 31'30	3°57'33
superior conj	6887 Sep 24 06:00	6° ♎ 24'28	1°17'32	min. Earth dist.	6890 Feb 14 18:45	27° ♒ 19'44	0.26884 AU
minimum elong	6887 Sep 23 22:50	6° ♎ 02'24	1°17'24	morning rise	6890 Feb 20 04:21	24° ♒ 07'08	
max. Earth dist.	6887 Sep 23 20:50	5° ♎ 56'14	1.73373 AU	direct	6890 Mar 07 10:07	19° ♒ 31'23	
	6887 Oct 13 09:25	0° ♏		greatest brilliancy	6890 Mar 17 12:55	21° ♒ 26'54	-4.9m
evening rise	6887 Oct 30 13:59	21° ♏ 11'07			6890 Apr 01 17:21	0° ♑	
	6887 Nov 06 17:39	0° ♎		morning max el	6890 Apr 26 21:40	22° ♑ 21'48	46°57'50
	6887 Dec 01 02:29	0° ♏			6890 May 04 07:45	0° ♒	
desc. node	6887 Dec 04 17:41	4° ♏ 28'15		desc. node	6890 May 21 13:27	18° ♒ 43'56	
	6887 Dec 25 12:04	0° ♐			6890 May 31 12:33	0° ♓	
	6888 Jan 18 22:32	0° ♑			6890 Jun 26 06:58	0° ♊	
	6888 Feb 12 11:31	0° ♒			6890 Jul 21 11:55	0° ♋	
	6888 Mar 08 07:52	0° ♓			6890 Aug 15 10:35	0° ♌	
asc. node	6888 Mar 26 17:48	21° ♓ 42'29			6890 Sep 09 04:57	0° ♍	
	6888 Apr 02 22:30	0° ♊		asc. node	6890 Sep 11 13:03	2° ♍ 50'31	
	6888 Apr 30 10:48	0° ♋			6890 Oct 03 19:07	0° ♎	
evening max el	6888 May 03 03:56	2° ♋ 45'04	46°44'15	morning set	6890 Oct 25 18:47	27° ♎ 00'08	
	6888 Jun 05 06:15	0° ♌			6890 Oct 28 05:10	0° ♏	
greatest brilliancy	6888 Jun 11 12:09	2° ♌ 56'38	-4.8m		6890 Nov 21 11:58	0° ♐	
retrograde	6888 Jun 22 08:28	5° ♌ 07'06		max. Earth dist.	6890 Nov 29 05:33	9° ♐ 34'46	1.72720 AU
evening set	6888 Jul 07 08:24	0° ♌ 42'19					
	6888 Jul 08 14:23	30° ♑		superior conj	6890 Dec 01 13:39	12° ♑ 28'38	1°05'14
min. Earth dist.	6888 Jul 13 03:29	27° ♑ 14'14	0.28054 AU	minimum elong	6890 Dec 01 23:21	12° ♑ 58'43	1°04'58
inferior conj	6888 Jul 13 12:50	26° ♑ 59'38	0°43'22		6890 Dec 15 16:36	0° ♒	
minimum elong	6888 Jul 13 14:28	26° ♑ 57'05	0°42'48	desc. node	6891 Jan 01 05:36	20° ♒ 33'32	
desc. node	6888 Jul 16 10:59	25° ♑ 11'26			6891 Jan 08 19:42	0° ♓	
morning rise	6888 Jul 19 21:14	23° ♑ 13'13		evening rise	6891 Jan 09 01:22	0° ♐ 17'38	
direct	6888 Aug 03 16:26	18° ♑ 59'43			6891 Feb 01 21:31	0° ♑	
greatest brilliancy	6888 Aug 13 11:00	20° ♑ 43'52	-4.7m		6891 Feb 25 22:40	0° ♒	
	6888 Aug 30 07:53	0° ♌			6891 Mar 22 01:03	0° ♓	
morning max el	6888 Sep 21 09:39	18° ♌ 46'53	45°43'19		6891 Apr 15 08:12	0° ♊	
	6888 Oct 02 17:40	0° ♍		asc. node	6891 Apr 24 05:37	10° ♊ 52'04	
	6888 Oct 30 13:36	0° ♎			6891 May 10 01:26	0° ♋	
asc. node	6888 Nov 06 11:10	7° ♎ 48'17			6891 Jun 04 13:22	0° ♌	
	6888 Nov 25 14:27	0° ♏			6891 Jul 01 15:23	0° ♍	
	6888 Dec 20 16:50	0° ♐		evening max el	6891 Jul 13 22:46	12° ♍ 32'08	45°54'23
	6889 Jan 14 06:07	0° ♑			6891 Aug 02 15:00	0° ♎	
	6889 Feb 07 11:33	0° ♒		desc. node	6891 Aug 13 22:42	7° ♎ 39'10	
desc. node	6889 Feb 26 03:23	23° ♒ 17'04		greatest brilliancy	6891 Aug 21 09:31	11° ♎ 11'04	-4.7m
	6889 Mar 03 12:11	0° ♑		retrograde	6891 Sep 01 05:04	13° ♎ 18'36	
morning set	6889 Mar 21 23:55	23° ♑ 11'31		evening set	6891 Sep 18 06:15	7° ♎ 46'25	
	6889 Mar 27 09:58	0° ♒		inferior conj	6891 Sep 22 18:16	5° ♎ 00'34	-7°41'22
	6889 Apr 20 06:44	0° ♓		minimum elong	6891 Sep 22 10:12	5° ♎ 13'13	7°40'18
				min. Earth dist.	6891 Sep 22 10:50	5° ♎ 12'13	0.29136 AU
superior conj	6889 May 01 19:29	14° ♓ 29'05	-1°25'14	morning rise	6891 Sep 26 14:12	2° ♏ 38'33	
minimum elong	6889 May 02 00:43	14° ♓ 45'31	1°25'13		6891 Oct 01 09:31	30° ♏	
max. Earth dist.	6889 May 04 13:51	17° ♓ 57'19	1.71419 AU	direct	6891 Oct 14 07:10	26° ♏ 43'30	

greatest brilliancy	6891 Oct 24 13:58	28° \mathbb{M} 38'02	-4.7m			6894 Apr 29 03:30	0° \mathbb{I}	
	6891 Oct 27 23:22	0° \mathbb{L}		asc. node		6894 May 21 17:30	28° \mathbb{I} 03'44	
morning max el	6891 Dec 02 10:38	27° \mathbb{L} 09'52	45°55'30			6894 May 23 07:07	0° \mathbb{G}	
asc. node	6891 Dec 04 23:00	29° \mathbb{L} 38'10				6894 Jun 16 17:57	0° \mathbb{Q}	
	6891 Dec 05 07:48	0° \mathbb{M}				6894 Jul 11 15:27	0° \mathbb{M}	
	6892 Jan 02 09:12	0° \mathbb{J}				6894 Aug 06 06:10	0° \mathbb{L}	
	6892 Jan 28 05:44	0° \mathbb{Z}				6894 Sep 02 05:24	0° \mathbb{M}	
	6892 Feb 22 03:24	0° \approx		desc. node		6894 Sep 10 10:19	8° \mathbb{M} 37'02	
	6892 Mar 17 13:28	0° \mathbb{H}		evening max el		6894 Sep 22 23:21	21° \mathbb{M} 06'37	45°38'41
desc. node	6892 Mar 25 15:21	10° \mathbb{H} 00'21				6894 Oct 02 16:21	0° \mathbb{J}	
	6892 Apr 10 17:17	0° \mathbb{Y}		greatest brilliancy		6894 Nov 01 03:53	19° \mathbb{J} 08'01	-4.7m
	6892 May 04 18:12	0° \mathbb{B}		retrograde		6894 Nov 10 14:11	20° \mathbb{J} 44'15	
	6892 May 28 18:44	0° \mathbb{I}		evening set		6894 Nov 27 09:46	15° \mathbb{J} 23'41	
morning set	6892 Jun 05 11:29	9° \mathbb{I} 35'53		inferior conj		6894 Dec 01 19:04	12° \mathbb{J} 43'15	-6°39'39
	6892 Jun 21 20:49	0° \mathbb{G}		minimum elong		6894 Dec 02 05:06	12° \mathbb{J} 27'35	6°37'37
				min. Earth dist.		6894 Dec 02 16:28	12° \mathbb{J} 09'52	0.28329 AU
superior conj	6892 Jul 14 02:05	27° \mathbb{G} 33'57	-0°06'11	morning rise		6894 Dec 06 23:59	9° \mathbb{J} 33'37	
minimum elong	6892 Jul 14 03:30	27° \mathbb{G} 38'21	0°06'10	direct		6894 Dec 23 02:56	4° \mathbb{J} 32'22	
behind sun begin	6892 Jul 13 05:17	26° \mathbb{G} 29'33		asc. node		6895 Jan 01 10:45	6° \mathbb{J} 10'15	
behind sun end	6892 Jul 15 01:43	28° \mathbb{G} 47'08		greatest brilliancy		6895 Jan 03 06:14	6° \mathbb{J} 50'00	-4.8m
	6892 Jul 16 01:16	0° \mathbb{Q}				6895 Feb 04 04:22	0° \mathbb{Z}	
max. Earth dist.	6892 Jul 16 16:45	0° \mathbb{Q} 47'57	1.72753 AU	morning max el		6895 Feb 11 09:35	7° \mathbb{Z} 04'10	46°40'03
asc. node	6892 Jul 16 15:09	0° \mathbb{Q} 43'00				6895 Mar 04 21:23	0° \approx	
	6892 Aug 09 08:04	0° \mathbb{M}				6895 Mar 30 22:27	0° \mathbb{H}	
evening rise	6892 Aug 20 11:03	13° \mathbb{M} 42'26		desc. node		6895 Apr 23 03:30	27° \mathbb{H} 46'39	
	6892 Sep 02 17:05	0° \mathbb{L}				6895 Apr 24 23:34	0° \mathbb{Y}	
	6892 Sep 27 04:51	0° \mathbb{M}				6895 May 19 13:51	0° \mathbb{B}	
	6892 Oct 21 20:34	0° \mathbb{J}				6895 Jun 12 23:43	0° \mathbb{I}	
desc. node	6892 Nov 05 07:52	17° \mathbb{J} 29'12				6895 Jul 07 08:35	0° \mathbb{G}	
	6892 Nov 15 17:34	0° \mathbb{Z}				6895 Jul 31 17:47	0° \mathbb{Q}	
	6892 Dec 10 21:23	0° \approx		asc. node		6895 Aug 14 03:02	16° \mathbb{Q} 27'59	
	6893 Jan 05 11:52	0° \mathbb{H}		morning set		6895 Aug 16 01:37	18° \mathbb{Q} 51'14	
	6893 Feb 01 01:58	0° \mathbb{Y}				6895 Aug 25 03:06	0° \mathbb{M}	
evening max el	6893 Feb 17 08:55	17° \mathbb{Y} 10'43	47°01'42			6895 Sep 18 11:56	0° \mathbb{L}	
asc. node	6893 Feb 26 08:10	25° \mathbb{Y} 55'56						
	6893 Mar 02 18:32	0° \mathbb{B}		superior conj		6895 Sep 21 23:49	4° \mathbb{L} 18'16	1°16'06
greatest brilliancy	6893 Mar 30 01:00	18° \mathbb{B} 24'54	-4.9m	minimum elong		6895 Sep 21 16:14	3° \mathbb{L} 54'55	1°15'56
retrograde	6893 Apr 09 00:35	20° \mathbb{B} 18'21		max. Earth dist.		6895 Sep 21 14:52	3° \mathbb{L} 50'41	1.73374 AU
evening set	6893 Apr 27 02:02	14° \mathbb{B} 01'42				6895 Oct 12 20:14	0° \mathbb{M}	
inferior conj	6893 Apr 29 17:27	12° \mathbb{B} 24'29	8°58'12	evening rise		6895 Oct 28 06:59	19° \mathbb{M} 02'04	
minimum elong	6893 Apr 29 21:45	12° \mathbb{B} 17'50	8°57'53			6895 Nov 06 04:37	0° \mathbb{J}	
min. Earth dist.	6893 Apr 29 13:00	12° \mathbb{B} 31'20	0.27244 AU			6895 Nov 30 13:42	0° \mathbb{Z}	
morning rise	6893 May 02 17:36	10° \mathbb{B} 34'28		desc. node		6895 Dec 03 19:41	3° \mathbb{Z} 59'44	
direct	6893 May 20 09:44	4° \mathbb{B} 36'13				6895 Dec 24 23:38	0° \approx	
greatest brilliancy	6893 May 29 20:44	6° \mathbb{B} 17'38	-4.9m			6896 Jan 18 10:36	0° \mathbb{H}	
desc. node	6893 Jun 18 01:10	17° \mathbb{B} 26'47				6896 Feb 12 00:15	0° \mathbb{Y}	
	6893 Jul 02 16:07	0° \mathbb{I}				6896 Mar 07 21:41	0° \mathbb{B}	
morning max el	6893 Jul 09 06:10	6° \mathbb{I} 18'28	46°20'03	asc. node		6896 Mar 25 19:53	21° \mathbb{B} 04'44	
	6893 Aug 01 01:04	0° \mathbb{G}				6896 Apr 02 14:25	0° \mathbb{I}	
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	6893 Sep 22 17:29	0° \mathbb{M}		evening max el		6896 Apr 30 17:38	0° \mathbb{G} 23'23	46°45'52
asc. node	6893 Oct 09 01:08	19° \mathbb{M} 20'12				6896 Jun 07 11:39	0° \mathbb{Q}	
	6893 Oct 17 22:59	0° \mathbb{L}		greatest brilliancy		6896 Jun 09 05:09	0° \mathbb{Q} 42'22	-4.8m
	6893 Nov 11 17:38	0° \mathbb{M}		retrograde		6896 Jun 19 23:27	2° \mathbb{Q} 51'30	
	6893 Dec 06 04:17	0° \mathbb{J}				6896 Jul 01 22:27	30° \mathbb{R} \mathbb{G}	
	6893 Dec 30 09:30	0° \mathbb{Z}		evening set		6896 Jul 05 00:51	28° \mathbb{G} 25'17	
morning set	6894 Jan 03 12:19	5° \mathbb{Z} 07'17		inferior conj		6896 Jul 11 04:01	24° \mathbb{G} 44'42	1°04'52
	6894 Jan 23 11:07	0° \approx		minimum elong		6896 Jul 11 06:28	24° \mathbb{G} 40'54	1°04'02
desc. node	6894 Jan 28 17:23	6° \approx 34'45		min. Earth dist.		6896 Jul 10 19:40	24° \mathbb{G} 57'44	0.28015 AU
max. Earth dist.	6894 Feb 09 16:52	21° \approx 34'31	1.71493 AU	desc. node		6896 Jul 15 12:51	22° \mathbb{G} 04'55	
				morning rise		6896 Jul 17 12:38	20° \mathbb{G} 57'47	
superior conj	6894 Feb 12 04:10	24° \approx 40'19	-0°34'10	direct		6896 Aug 01 06:36	16° \mathbb{G} 45'09	
minimum elong	6894 Feb 11 19:59	24° \approx 14'41	0°33'45	greatest brilliancy		6896 Aug 11 02:23	18° \mathbb{G} 30'01	-4.8m
	6894 Feb 16 10:08	0° \mathbb{H}				6896 Aug 30 23:07	0° \mathbb{Q}	
	6894 Mar 12 07:25	0° \mathbb{Y}		morning max el		6896 Sep 19 00:04	16° \mathbb{Q} 32'12	45°43'48
evening rise	6894 Mar 24 15:36	15° \mathbb{Y} 30'37				6896 Oct 02 12:31	0° \mathbb{M}	
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



































































































































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	6896 Nov 25 03:18	0°♍		6899 Jul 01 09:54	0°♎	
	6896 Dec 20 04:51	0°♎	evening max el	6899 Jul 11 15:26	10°♎22'06	45°56'01
	6897 Jan 13 17:42	0°♏		6899 Aug 03 04:30	0°♌	
	6897 Feb 06 22:54	0°♐	desc. node	6899 Aug 13 00:42	6°♌16'14	
desc. node	6897 Feb 25 05:17	22°♐47'51	greatest brilliancy	6899 Aug 19 00:26	9°♌00'36	-4.7m
	6897 Mar 02 23:24	0°♑	retrograde	6899 Aug 29 22:06	11°♌09'45	
morning set	6897 Mar 19 09:56	20°♑37'08	evening set	6899 Sep 15 19:37	5°♌42'05	
	6897 Mar 26 21:07	0°♒	inferior conj	6899 Sep 20 10:42	2°♌51'35	-7°32'16
	6897 Apr 19 17:49	0°♓	minimum elong	6899 Sep 20 02:13	3°♌04'54	7°31'04
			min. Earth dist.	6899 Sep 20 01:55	3°♌05'22	0.29119 AU
superior conj	6897 Apr 29 07:00	11°♓59'56	morning rise	6899 Sep 24 08:58	0°♌26'15	
minimum elong	6897 Apr 29 11:17	12°♓13'24		6899 Sep 25 02:45	30°♋	
max. Earth dist.	6897 May 01 17:43	15°♓04'14	1.71382 AU	6899 Oct 11 23:57	24°♎35'01	
	6897 May 13 15:27	0°♐	direct	6899 Oct 22 04:41	26°♎28'05	-4.7m
	6897 Jun 06 15:49	0°♑	greatest brilliancy	6899 Oct 29 22:00	0°♌	
evening rise	6897 Jun 08 11:58	2°♑17'24	morning max el	6899 Nov 30 03:01	24°♌59'55	45°54'08
asc. node	6897 Jun 18 05:17	14°♑22'19	asc. node	6899 Dec 04 00:57	28°♌51'32	
	6897 Jun 30 20:11	0°♏		6899 Dec 05 04:14	0°♍	
	6897 Jul 25 05:31	0°♎		6900 Jan 02 00:21	0°♎	
	6897 Aug 18 21:09	0°♌		6900 Jan 27 18:57	0°♏	
	6897 Sep 12 21:48	0°♍		6900 Feb 21 15:43	0°♐	
desc. node	6897 Oct 07 22:03	29°♍18'56		6900 Mar 18 01:15	0°♑	
	6897 Oct 08 12:17	0°♎	desc. node	6900 Mar 25 17:29	9°♑30'49	
	6897 Nov 04 01:44	0°♏		6900 Apr 11 04:45	0°♒	
	6897 Dec 02 16:04	0°♐		6900 May 05 05:24	0°♓	
evening max el	6897 Dec 04 00:42	1°♐19'40	46°16'17	6900 May 29 05:46	0°♐	
	6898 Jan 10 17:59	0°♑	morning set	6900 Jun 04 00:56	7°♐13'59	
greatest brilliancy	6898 Jan 12 22:25	0°♑50'09	-4.8m	6900 Jun 22 07:42	0°♑	
retrograde	6898 Jan 22 16:25	2°♑36'59				
asc. node	6898 Jan 28 22:28	1°♑49'11		superior conj	6900 Jul 12 17:13	25°♑18'41
	6898 Feb 03 02:08	30°♋		minimum elong	6900 Jul 12 19:27	25°♑25'36
evening set	6898 Feb 06 04:41	28°♋28'28		behind sun begin	6900 Jul 12 00:06	24°♑25'40
inferior conj	6898 Feb 12 08:21	24°♋52'44	3°37'52	behind sun end	6900 Jul 13 14:47	26°♑25'31
minimum elong	6898 Feb 12 00:30	25°♋04'44	3°35'34	max. Earth dist.	6900 Jul 15 11:50	28°♑45'00
min. Earth dist.	6898 Feb 12 08:30	24°♋52'30	0.26903 AU	asc. node	6900 Jul 16 17:06	0°♏15'37
morning rise	6898 Feb 17 19:59	21°♋37'44			6900 Jul 16 12:04	0°♏
direct	6898 Mar 04 23:20	17°♋04'54			6900 Aug 09 18:49	0°♎
greatest brilliancy	6898 Mar 15 03:30	19°♋02'07	-4.9m	evening rise	6900 Aug 19 04:33	11°♎35'27
	6898 Apr 02 12:04	0°♑			6900 Sep 03 03:53	0°♌
morning max el	6898 Apr 24 12:11	19°♑59'36	46°58'23		6900 Sep 27 15:50	0°♍
	6898 May 04 04:01	0°♒			6900 Oct 22 07:56	0°♎
desc. node	6898 May 20 15:25	18°♒02'18		desc. node	6900 Nov 05 09:53	17°♎00'01
	6898 May 31 04:07	0°♓			6900 Nov 16 05:35	0°♏
	6898 Jun 25 20:29	0°♐			6900 Dec 11 10:26	0°♐
	6898 Jul 21 00:16	0°♑			6901 Jan 06 02:41	0°♑
	6898 Aug 14 22:13	0°♏			6901 Feb 01 20:27	0°♒
	6898 Sep 08 16:08	0°♎		evening max el	6901 Feb 15 23:33	14°♒48'59
asc. node	6898 Sep 10 15:06	2°♎22'51		asc. node	6901 Feb 26 10:16	24°♒56'25
	6898 Oct 03 06:02	0°♌			6901 Mar 04 02:00	0°♓
morning set	6898 Oct 23 12:13	24°♌52'44		greatest brilliancy	6901 Mar 28 14:32	15°♓59'38
	6898 Oct 27 15:59	0°♍		retrograde	6901 Apr 07 13:58	17°♓52'31
	6898 Nov 20 22:46	0°♎		evening set	6901 Apr 25 16:31	11°♓34'30
max. Earth dist.	6898 Nov 27 00:45	7°♎31'59	1.72760 AU	inferior conj	6901 Apr 28 06:29	9°♓59'18
				minimum elong	6901 Apr 28 09:52	9°♓54'04
superior conj	6898 Nov 29 05:49	10°♎16'23	1°07'23	min. Earth dist.	6901 Apr 28 01:29	10°♓07'03
minimum elong	6898 Nov 29 15:20	10°♎45'52	1°07'09	morning rise	6901 May 01 03:21	8°♓14'04
	6898 Dec 15 03:28	0°♏		direct	6901 May 18 22:52	2°♓11'39
desc. node	6898 Dec 31 07:30	20°♏05'19		greatest brilliancy	6901 May 28 08:46	3°♓52'05
evening rise	6899 Jan 06 15:20	27°♏57'31		desc. node	6901 Jun 18 03:06	16°♓15'09
	6899 Jan 08 06:43	0°♐			6901 Jul 03 17:43	0°♐
	6899 Feb 01 08:43	0°♑		morning max el	6901 Jul 07 19:35	3°♐57'00
	6899 Feb 25 10:07	0°♒			6901 Aug 01 17:56	0°♑
	6899 Mar 21 12:48	0°♓			6901 Aug 28 11:13	0°♏
	6899 Apr 14 20:25	0°♐			6901 Sep 23 05:52	0°♎
asc. node	6899 Apr 23 07:40	10°♐20'22		asc. node	6901 Oct 09 03:10	18°♎51'07
	6899 May 09 14:28	0°♑			6901 Oct 18 10:32	0°♌

	6901 Nov 12 04:42	0°♌		retrograde	6904 Jun 18 14:28	0°♊35'31	
	6901 Dec 06 15:07	0°♊			6904 Jun 24 00:00	30°♊	
	6901 Dec 30 20:16	0°♊		evening set	6904 Jul 03 17:09	26°♊07'20	
morning set	6902 Jan 02 03:01	2°♊50'12		inferior conj	6904 Jul 09 18:53	22°♊29'14	1°26'30
	6902 Jan 23 21:54	0°♊		minimum elong	6904 Jul 09 22:07	22°♊24'11	1°25'27
desc. node	6902 Jan 28 19:24	6°♊07'16		min. Earth dist.	6904 Jul 09 11:25	22°♊40'51	0.27978 AU
max. Earth dist.	6902 Feb 07 23:19	18°♊50'31	1.71532 AU	desc. node	6904 Jul 15 14:52	18°♊59'39	
				morning rise	6904 Jul 16 03:34	18°♊42'19	
superior conj	6902 Feb 10 16:02	22°♊13'13	-0°30'35	direct	6904 Jul 30 20:22	14°♊29'58	
minimum elong	6902 Feb 10 08:38	21°♊50'03	0°30'11	greatest brilliancy	6904 Aug 09 17:29	16°♊15'53	-4.8m
	6902 Feb 16 20:59	0°♊			6904 Sep 01 10:17	0°♊	
	6902 Mar 12 18:20	0°♊		morning max el	6904 Sep 17 15:02	14°♊19'31	45°44'27
evening rise	6902 Mar 23 02:18	12°♊58'58			6904 Oct 03 06:34	0°♊	
	6902 Apr 05 15:27	0°♊			6904 Oct 30 18:15	0°♊	
	6902 Apr 29 14:37	0°♊		asc. node	6904 Nov 05 15:05	6°♊40'46	
asc. node	6902 May 21 19:25	27°♊34'44			6904 Nov 25 15:44	0°♊	
	6902 May 23 18:26	0°♊			6904 Dec 20 16:28	0°♊	
	6902 Jun 17 05:38	0°♊			6905 Jan 14 04:51	0°♊	
	6902 Jul 12 03:49	0°♊			6905 Feb 07 09:48	0°♊	
	6902 Aug 06 19:55	0°♊		desc. node	6905 Feb 25 07:26	22°♊20'42	
	6902 Sep 02 22:20	0°♊			6905 Mar 03 10:11	0°♊	
desc. node	6902 Sep 10 12:26	7°♊54'40		morning set	6905 Mar 17 20:24	18°♊05'32	
evening max el	6902 Sep 21 13:26	18°♊51'57	45°38'19		6905 Mar 27 07:50	0°♊	
	6902 Oct 03 20:57	0°♊			6905 Apr 20 04:31	0°♊	
greatest brilliancy	6902 Oct 30 18:50	16°♊55'48	-4.7m				
retrograde	6902 Nov 09 04:27	18°♊31'52		superior conj	6905 Apr 27 18:26	9°♊31'33	-1°26'40
evening set	6902 Nov 26 03:48	13°♊06'40		minimum elong	6905 Apr 27 21:43	9°♊41'53	1°26'41
inferior conj	6902 Nov 30 10:27	10°♊30'09	-6°52'25	max. Earth dist.	6905 Apr 29 23:32	12°♊18'18	1.71358 AU
minimum elong	6902 Nov 30 20:19	10°♊14'45	6°50'32		6905 May 14 02:08	0°♊	
min. Earth dist.	6902 Dec 01 07:55	9°♊56'38	0.28388 AU	evening rise	6905 Jun 07 00:40	29°♊54'15	
morning rise	6902 Dec 05 12:20	7°♊24'34			6905 Jun 07 02:31	0°♊	
direct	6902 Dec 21 18:13	2°♊18'25		asc. node	6905 Jun 18 07:14	13°♊54'59	
asc. node	6903 Jan 01 12:38	4°♊26'50			6905 Jul 01 06:58	0°♊	
greatest brilliancy	6903 Jan 01 22:30	4°♊36'22	-4.8m		6905 Jul 25 16:29	0°♊	
	6903 Feb 05 04:38	0°♊			6905 Aug 19 08:30	0°♊	
morning max el	6903 Feb 09 23:37	4°♊44'01	46°38'31		6905 Sep 13 09:50	0°♊	
	6903 Mar 05 13:50	0°♊		desc. node	6905 Oct 08 00:02	28°♊46'26	
	6903 Mar 31 12:21	0°♊			6905 Oct 09 01:35	0°♊	
desc. node	6903 Apr 23 05:27	27°♊14'03			6905 Nov 04 17:39	0°♊	
	6903 Apr 25 12:13	0°♊		evening max el	6905 Dec 02 15:13	29°♊02'28	46°14'37
	6903 May 20 01:47	0°♊			6905 Dec 03 15:00	0°♊	
	6903 Jun 13 11:09	0°♊		greatest brilliancy	6906 Jan 11 10:56	28°♊26'00	-4.8m
	6903 Jul 07 19:39	0°♊			6906 Jan 17 21:21	0°♊	
	6903 Aug 01 04:33	0°♊		retrograde	6906 Jan 21 05:46	0°♊13'14	
asc. node	6903 Aug 14 05:06	16°♊01'29			6906 Jan 24 12:52	30°♊	
morning set	6903 Aug 14 18:14	16°♊41'52		asc. node	6906 Jan 29 00:35	28°♊59'05	
	6903 Aug 25 13:42	0°♊		evening set	6906 Feb 04 16:22	26°♊06'12	
	6903 Sep 18 22:28	0°♊		inferior conj	6906 Feb 10 21:16	22°♊28'43	3°15'31
				minimum elong	6906 Feb 10 14:06	22°♊39'39	3°13'22
superior conj	6903 Sep 20 17:38	2°♊12'56	1°14'34	min. Earth dist.	6906 Feb 10 22:06	22°♊27'26	0.26918 AU
minimum elong	6903 Sep 20 09:40	1°♊48'26	1°14'23	morning rise	6906 Feb 16 11:34	19°♊10'19	
max. Earth dist.	6903 Sep 20 08:48	1°♊45'43	1.73374 AU	direct	6906 Mar 03 13:08	14°♊40'32	
	6903 Oct 13 06:48	0°♊		greatest brilliancy	6906 Mar 13 17:33	16°♊38'34	-4.9m
evening rise	6903 Oct 27 00:18	16°♊54'54			6906 Apr 04 01:15	0°♊	
	6903 Nov 06 15:18	0°♊		morning max el	6906 Apr 23 02:57	17°♊39'43	46°58'44
	6903 Dec 01 00:35	0°♊			6906 May 04 23:06	0°♊	
desc. node	6903 Dec 03 21:37	3°♊32'05		desc. node	6906 May 20 17:24	17°♊22'36	
	6903 Dec 25 10:50	0°♊			6906 May 31 19:00	0°♊	
	6904 Jan 18 22:16	0°♊			6906 Jun 26 09:31	0°♊	
	6904 Feb 12 12:38	0°♊			6906 Jul 21 12:16	0°♊	
	6904 Mar 08 11:15	0°♊			6906 Aug 15 09:34	0°♊	
asc. node	6904 Mar 25 21:51	20°♊27'14			6906 Sep 09 03:05	0°♊	
	6904 Apr 03 06:18	0°♊		asc. node	6906 Sep 10 17:08	1°♊55'51	
evening max el	6904 Apr 29 07:13	28°♊01'49	46°47'19		6906 Oct 03 16:42	0°♊	
	6904 May 01 06:33	0°♊		morning set	6906 Oct 22 05:24	22°♊45'27	
greatest brilliancy	6904 Jun 07 21:26	28°♊26'57	-4.8m		6906 Oct 28 02:31	0°♊	
	6904 Jun 13 02:00	0°♊			6906 Nov 21 09:17	0°♊	

max. Earth dist.	6906 Nov 25 18:44	5° ♁ 26'23	1.72795 AU	inferior conj	6909 Apr 25 19:37	7° ♁ 34'50	9°05'58
				minimum elong	6909 Apr 25 22:03	7° ♁ 31'04	9°05'51
superior conj	6906 Nov 27 21:54	8° ♁ 04'52	1°09'26	min. Earth dist.	6909 Apr 25 14:23	7° ♁ 42'56	0.27194 AU
minimum elong	6906 Nov 28 07:11	8° ♁ 33'37	1°09'14	morning rise	6909 Apr 28 13:34	5° ♁ 53'48	
	6906 Dec 15 14:04	0° ♁			6909 May 13 07:09	30° ♁	
desc. node	6906 Dec 31 09:32	19° ♁ 38'20		direct	6909 May 16 11:35	29° ♁ 47'41	
evening rise	6907 Jan 05 05:20	25° ♁ 38'23			6909 May 19 17:06	0° ♁	
	6907 Jan 08 17:28	0° ♁		greatest brilliancy	6909 May 25 21:28	1° ♁ 27'47	-4.9m
	6907 Feb 01 19:39	0° ♁		desc. node	6909 Jun 17 05:07	15° ♁ 06'23	
	6907 Feb 25 21:14	0° ♁			6909 Jul 03 17:47	0° ♁	
	6907 Mar 22 00:12	0° ♁		morning max el	6909 Jul 05 08:10	1° ♁ 33'55	46°23'20
	6907 Apr 15 08:17	0° ♁			6909 Aug 01 10:15	0° ♁	
asc. node	6907 Apr 23 09:35	9° ♁ 49'26			6909 Aug 28 00:46	0° ♁	
	6907 May 10 03:11	0° ♁			6909 Sep 22 18:05	0° ♁	
	6907 Jun 04 18:24	0° ♁		asc. node	6909 Oct 08 05:02	18° ♁ 21'45	
	6907 Jul 02 04:37	0° ♁			6909 Oct 17 22:00	0° ♁	
evening max el	6907 Jul 10 08:12	8° ♁ 12'50	45°57'20		6909 Nov 11 15:47	0° ♁	
	6907 Aug 04 22:33	0° ♁			6909 Dec 06 02:00	0° ♁	
desc. node	6907 Aug 13 02:49	4° ♁ 50'49			6909 Dec 30 07:05	0° ♁	
greatest brilliancy	6907 Aug 17 15:46	6° ♁ 50'36	-4.7m	morning set	6909 Dec 30 17:32	0° ♁ 32'29	
retrograde	6907 Aug 28 14:33	9° ♁ 00'30			6910 Jan 23 08:43	0° ♁	
evening set	6907 Sep 14 08:46	3° ♁ 37'40		desc. node	6910 Jan 27 21:27	5° ♁ 39'49	
min. Earth dist.	6907 Sep 18 17:03	0° ♁ 57'54	0.29100 AU	max. Earth dist.	6910 Feb 05 07:47	16° ♁ 12'54	1.71572 AU
inferior conj	6907 Sep 19 02:56	0° ♁ 42'23	-7°22'27				
minimum elong	6907 Sep 18 18:05	0° ♁ 56'17	7°21'06	superior conj	6910 Feb 08 03:48	19° ♁ 45'50	-0°26'56
	6907 Sep 20 05:58	30° ♁		minimum elong	6910 Feb 07 21:13	19° ♁ 25'13	0°26'34
morning rise	6907 Sep 23 03:35	28° ♁ 13'26			6910 Feb 16 07:49	0° ♁	
direct	6907 Oct 10 16:38	22° ♁ 26'27			6910 Mar 12 05:15	0° ♁	
greatest brilliancy	6907 Oct 20 19:11	24° ♁ 17'45	-4.7m	evening rise	6910 Mar 20 13:02	10° ♁ 27'28	
	6907 Nov 01 05:14	0° ♁			6910 Apr 05 02:29	0° ♁	
morning max el	6907 Nov 28 18:24	22° ♁ 47'57	45°52'53		6910 Apr 29 01:47	0° ♁	
asc. node	6907 Dec 04 02:58	28° ♁ 06'11		asc. node	6910 May 20 21:24	27° ♁ 05'53	
	6907 Dec 05 23:52	0° ♁			6910 May 23 05:47	0° ♁	
	6908 Jan 02 15:06	0° ♁			6910 Jun 16 17:19	0° ♁	
	6908 Jan 28 07:53	0° ♁			6910 Jul 11 16:13	0° ♁	
	6908 Feb 22 03:45	0° ♁			6910 Aug 06 09:45	0° ♁	
	6908 Mar 17 12:48	0° ♁			6910 Sep 02 15:40	0° ♁	
desc. node	6908 Mar 24 19:22	9° ♁ 01'16		desc. node	6910 Sep 09 14:21	7° ♁ 11'10	
	6908 Apr 10 15:56	0° ♁		evening max el	6910 Sep 19 03:03	16° ♁ 36'03	45°37'50
	6908 May 04 16:20	0° ♁			6910 Oct 04 03:49	0° ♁	
	6908 May 28 16:30	0° ♁		greatest brilliancy	6910 Oct 28 09:05	14° ♁ 42'16	-4.7m
morning set	6908 Jun 01 14:43	4° ♁ 53'54		retrograde	6910 Nov 06 18:53	16° ♁ 18'55	
	6908 Jun 21 18:19	0° ♁		evening set	6910 Nov 23 21:39	10° ♁ 48'45	
				inferior conj	6910 Nov 28 01:41	8° ♁ 16'12	-7°04'35
superior conj	6908 Jul 10 08:33	23° ♁ 04'48	-0°13'08	minimum elong	6910 Nov 28 11:19	8° ♁ 01'10	7°02'50
minimum elong	6908 Jul 10 11:35	23° ♁ 14'11	0°13'03	min. Earth dist.	6910 Nov 28 23:07	7° ♁ 42'46	0.28452 AU
behind sun begin	6908 Jul 09 21:29	22° ♁ 30'30		morning rise	6910 Dec 03 00:30	5° ♁ 15'01	
behind sun end	6908 Jul 11 01:41	23° ♁ 57'52		direct	6910 Dec 19 09:28	0° ♁ 03'24	
max. Earth dist.	6908 Jul 13 07:56	26° ♁ 45'57	1.72668 AU	greatest brilliancy	6910 Dec 30 14:57	2° ♁ 22'14	-4.8m
asc. node	6908 Jul 15 19:11	29° ♁ 49'22		asc. node	6910 Dec 31 14:44	2° ♁ 46'27	
	6908 Jul 15 22:37	0° ♁			6911 Feb 05 04:08	0° ♁	
	6908 Aug 09 05:23	0° ♁		morning max el	6911 Feb 07 14:13	2° ♁ 24'39	46°37'07
evening rise	6908 Aug 16 22:02	9° ♁ 28'55			6911 Mar 05 06:13	0° ♁	
	6908 Sep 02 14:33	0° ♁			6911 Mar 31 02:16	0° ♁	
	6908 Sep 27 02:44	0° ♁		desc. node	6911 Apr 22 07:25	26° ♁ 41'10	
	6908 Oct 21 19:15	0° ♁			6911 Apr 25 00:56	0° ♁	
desc. node	6908 Nov 04 11:47	16° ♁ 30'40			6911 May 19 13:47	0° ♁	
	6908 Nov 15 17:35	0° ♁			6911 Jun 12 22:41	0° ♁	
	6908 Dec 10 23:29	0° ♁			6911 Jul 07 06:49	0° ♁	
	6909 Jan 05 17:34	0° ♁			6911 Jul 31 15:27	0° ♁	
	6909 Feb 01 15:17	0° ♁		morning set	6911 Aug 12 11:05	14° ♁ 32'51	
evening max el	6909 Feb 13 13:19	12° ♁ 25'23	47°00'01	asc. node	6911 Aug 13 07:05	15° ♁ 34'23	
asc. node	6909 Feb 25 12:17	23° ♁ 55'39			6911 Aug 25 00:24	0° ♁	
	6909 Mar 04 12:00	0° ♁					
greatest brilliancy	6909 Mar 26 04:40	13° ♁ 35'27	-4.9m	superior conj	6911 Sep 18 11:43	0° ♁ 08'02	1°12'56
retrograde	6909 Apr 05 02:53	15° ♁ 27'14		minimum elong	6911 Sep 18 03:24	29° ♁ 42'28	1°12'43
evening set	6909 Apr 23 06:38	9° ♁ 08'38		max. Earth dist.	6911 Sep 18 04:39	29° ♁ 46'17	1.73375 AU

	6911 Sep 18 09:06	0°♄			6914 May 04 18:17	0°♈		
	6911 Oct 12 17:30	0°♌		desc. node	6914 May 19 19:27	16°♈41'55		
evening rise	6911 Oct 24 17:55	14°♌48'14			6914 May 31 10:12	0°♉		
	6911 Nov 06 02:10	0°♊			6914 Jun 25 22:53	0°♊		
	6911 Nov 30 11:44	0°♋			6914 Jul 21 00:37	0°♋		
desc. node	6911 Dec 02 23:41	3°♋04'05			6914 Aug 14 21:16	0°♌		
	6911 Dec 24 22:22	0°♍			6914 Sep 08 14:21	0°♍		
	6912 Jan 18 10:18	0°♎		asc. node	6914 Sep 09 19:00	1°♍27'16		
	6912 Feb 12 01:25	0°♏			6914 Oct 03 03:43	0°♎		
	6912 Mar 08 01:15	0°♐		morning set	6914 Oct 19 23:01	20°♎38'28		
asc. node	6912 Mar 24 23:47	19°♐48'29			6914 Oct 27 13:22	0°♏		
	6912 Apr 02 22:44	0°♑			6914 Nov 20 20:07	0°♊		
evening max el	6912 Apr 26 21:20	25°♑40'55 46°48'55		max. Earth dist.	6914 Nov 23 11:52	3°♊17'16 1.72827 AU		
	6912 May 01 06:00	0°♋						
greatest brilliancy	6912 Jun 05 13:12	26°♋10'17 -4.8m		superior conj	6914 Nov 25 14:37	5°♊54'22 1°11'21		
retrograde	6912 Jun 16 06:00	28°♋18'56		minimum elong	6914 Nov 25 23:36	6°♊22'12 1°11'09		
evening set	6912 Jul 01 09:40	23°♋48'26			6914 Dec 15 00:58	0°♋		
inferior conj	6912 Jul 07 09:46	20°♋12'58 1°48'10		desc. node	6914 Dec 30 11:36	19°♋10'33		
minimum elong	6912 Jul 07 13:48	20°♋06'42 1°46'52		evening rise	6915 Jan 02 19:47	23°♋19'47		
min. Earth dist.	6912 Jul 07 02:54	20°♋23'38 0.27941 AU			6915 Jan 08 04:31	0°♌		
morning rise	6912 Jul 13 18:23	16°♋26'30			6915 Feb 01 06:56	0°♍		
desc. node	6912 Jul 14 16:59	15°♋56'41			6915 Feb 25 08:47	0°♎		
direct	6912 Jul 28 10:38	12°♋13'57			6915 Mar 21 12:06	0°♏		
greatest brilliancy	6912 Aug 07 08:15	14°♋00'43 -4.8m			6915 Apr 14 20:42	0°♑		
	6912 Sep 01 18:43	0°♌		asc. node	6915 Apr 22 11:37	9°♑17'07		
morning max el	6912 Sep 15 06:52	12°♌08'17 45°45'14			6915 May 09 16:31	0°♋		
	6912 Oct 03 00:24	0°♍			6915 Jun 04 09:33	0°♌		
	6912 Oct 30 08:24	0°♎			6915 Jul 02 00:25	0°♍		
asc. node	6912 Nov 04 17:09	6°♎07'28		evening max el	6915 Jul 08 00:14	6°♎00'17 45°58'51		
	6912 Nov 25 04:19	0°♏			6915 Aug 05 23:55	0°♎		
	6912 Dec 20 04:19	0°♐		desc. node	6915 Aug 12 04:42	3°♎21'11		
	6913 Jan 13 16:20	0°♑		greatest brilliancy	6915 Aug 15 07:52	4°♎40'27 -4.7m		
	6913 Feb 06 21:06	0°♒		retrograde	6915 Aug 26 06:44	6°♎50'22		
desc. node	6913 Feb 24 09:21	21°♒51'35		evening set	6915 Sep 11 22:05	1°♎32'26		
	6913 Mar 02 21:23	0°♓			6915 Sep 14 11:21	30°♓♎		
morning set	6913 Mar 15 06:31	15°♓31'36		inferior conj	6915 Sep 16 19:15	28°♓32'30 -7°12'03		
	6913 Mar 26 18:59	0°♏		minimum elong	6915 Sep 16 10:06	28°♓46'53 7°10'34		
	6913 Apr 19 15:36	0°♐		min. Earth dist.	6915 Sep 16 08:38	28°♓49'13 0.29074 AU		
				morning rise	6915 Sep 20 22:20	25°♓59'46		
superior conj	6913 Apr 25 05:26	7°♓00'35 -1°27'08		direct	6915 Oct 08 09:01	20°♓17'13		
minimum elong	6913 Apr 25 07:40	7°♓07'36 1°27'09		greatest brilliancy	6915 Oct 18 10:09	22°♓07'02 -4.7m		
max. Earth dist.	6913 Apr 27 07:48	9°♓38'48 1.71330 AU			6915 Nov 02 04:02	0°♏		
	6913 May 13 13:10	0°♑		morning max el	6915 Nov 26 09:00	20°♏33'20 45°51'49		
evening rise	6913 Jun 04 13:13	27°♑29'31		asc. node	6915 Dec 03 04:59	27°♏20'44		
	6913 Jun 06 13:34	0°♋			6915 Dec 05 19:13	0°♌		
asc. node	6913 Jun 17 09:20	13°♋27'06			6916 Jan 02 05:54	0°♊		
	6913 Jun 30 18:06	0°♌			6916 Jan 27 20:57	0°♋		
	6913 Jul 25 03:49	0°♍			6916 Feb 21 16:00	0°♎		
	6913 Aug 18 20:12	0°♎			6916 Mar 17 00:35	0°♏		
	6913 Sep 12 22:13	0°♏		desc. node	6916 Mar 23 21:21	8°♏31'06		
desc. node	6913 Oct 07 02:01	28°♏12'58			6916 Apr 10 03:27	0°♐		
	6913 Oct 08 15:17	0°♐			6916 May 04 03:38	0°♑		
	6913 Nov 04 10:06	0°♑			6916 May 28 03:39	0°♒		
evening max el	6913 Nov 30 06:06	26°♑45'32 46°12'44		morning set	6916 May 30 03:51	2°♒30'27		
	6913 Dec 03 15:20	0°♒			6916 Jun 21 05:20	0°♋		
greatest brilliancy	6914 Jan 08 23:29	26°♒01'04 -4.8m						
retrograde	6914 Jan 18 18:51	27°♒48'08		superior conj	6916 Jul 07 23:22	20°♋48'02 -0°16'38		
asc. node	6914 Jan 28 02:33	26°♒02'17		minimum elong	6916 Jul 08 03:11	20°♋59'53 0°16'29		
evening set	6914 Feb 02 04:18	23°♒42'33		max. Earth dist.	6916 Jul 11 02:15	24°♋40'03 1.72620 AU		
inferior conj	6914 Feb 08 10:09	20°♒03'22 2°52'41		asc. node	6916 Jul 14 21:07	29°♋21'30		
minimum elong	6914 Feb 08 03:45	20°♒13'09 2°50'45			6916 Jul 15 09:33	0°♌		
min. Earth dist.	6914 Feb 08 11:45	20°♒00'55 0.26941 AU			6916 Aug 08 16:17	0°♍		
morning rise	6914 Feb 14 02:58	16°♒41'33		evening rise	6916 Aug 14 15:09	7°♍20'09		
direct	6914 Mar 01 03:09	12°♒14'52			6916 Sep 02 01:32	0°♎		
greatest brilliancy	6914 Mar 11 07:36	14°♒13'15 -4.9m			6916 Sep 26 13:57	0°♏		
	6914 Apr 04 11:49	0°♓			6916 Oct 21 06:53	0°♊		
morning max el	6914 Apr 20 17:07	15°♓16'34 46°58'58		desc. node	6916 Nov 03 13:53	16°♊01'03		

	6916 Nov 15 05:53	0° \mathfrak{Z}			6919 Apr 24 13:28	0° Υ	
	6916 Dec 10 12:51	0° \approx			6919 May 19 01:39	0° \mathfrak{B}	
	6917 Jan 05 08:49	0° \mathfrak{H}			6919 Jun 12 10:05	0° Π	
	6917 Feb 01 10:46	0° Υ			6919 Jul 06 17:54	0° \mathfrak{E}	
evening max el	6917 Feb 11 02:01	9° Υ 58'47	46°59'02		6919 Jul 31 02:18	0° Ω	
asc. node	6917 Feb 24 14:10	22° Υ 52'45		morning set	6919 Aug 10 03:43	12° Ω 23'02	
	6917 Mar 05 01:37	0° \mathfrak{B}		asc. node	6919 Aug 12 09:01	15° Ω 07'06	
greatest brilliancy	6917 Mar 23 18:42	11° \mathfrak{B} 10'35	-4.9m		6919 Aug 24 11:07	0° \mathfrak{M}	
retrograde	6917 Apr 02 15:32	13° \mathfrak{B} 01'29					
evening set	6917 Apr 20 20:05	6° \mathfrak{B} 42'56		superior conj	6919 Sep 16 05:25	28° \mathfrak{M} 01'54	1°11'11
inferior conj	6917 Apr 23 08:45	5° \mathfrak{B} 09'40	9°08'13	minimum elong	6919 Sep 15 20:48	27° \mathfrak{M} 35'24	1°10'57
minimum elong	6917 Apr 23 10:14	5° \mathfrak{B} 07'23	9°08'08	max. Earth dist.	6919 Sep 16 01:02	27° \mathfrak{M} 48'25	1.73374 AU
min. Earth dist.	6917 Apr 23 03:28	5° \mathfrak{B} 17'51	0.27177 AU		6919 Sep 17 19:45	0° \mathfrak{A}	
morning rise	6917 Apr 26 00:26	3° \mathfrak{B} 31'58			6919 Oct 12 04:11	0° \mathfrak{M}	
	6917 May 02 14:08	30° \mathfrak{K} Υ		evening rise	6919 Oct 22 11:16	12° \mathfrak{M} 40'54	
direct	6917 May 13 23:57	27° Υ 22'38			6919 Nov 05 12:59	0° \mathfrak{X}	
greatest brilliancy	6917 May 23 10:46	29° Υ 03'08	-4.9m		6919 Nov 29 22:48	0° \mathfrak{Z}	
	6917 May 25 22:43	0° \mathfrak{B}		desc. node	6919 Dec 02 01:40	2° \mathfrak{Z} 36'07	
desc. node	6917 Jun 16 07:11	13° \mathfrak{B} 58'32			6919 Dec 24 09:48	0° \approx	
morning max el	6917 Jul 02 20:47	29° \mathfrak{B} 09'30	46°24'59		6920 Jan 17 22:17	0° \mathfrak{H}	
	6917 Jul 03 17:14	0° Π			6920 Feb 11 14:10	0° Υ	
	6917 Aug 01 02:40	0° \mathfrak{E}			6920 Mar 07 15:15	0° \mathfrak{B}	
	6917 Aug 27 14:33	0° Ω		asc. node	6920 Mar 24 01:53	19° \mathfrak{B} 10'24	
asc. node	6917 Sep 22 06:30	0° \mathfrak{M}			6920 Apr 02 15:17	0° Π	
	6917 Oct 07 07:06	17° \mathfrak{M} 52'23		evening max el	6920 Apr 24 12:23	23° Π 22'56	46°50'28
	6917 Oct 17 09:38	0° \mathfrak{A}			6920 May 01 06:16	0° \mathfrak{E}	
	6917 Nov 11 02:59	0° \mathfrak{M}		greatest brilliancy	6920 Jun 03 04:28	23° \mathfrak{E} 53'41	-4.8m
	6917 Dec 05 13:01	0° \mathfrak{X}		retrograde	6920 Jun 13 21:45	26° \mathfrak{E} 02'44	
morning set	6917 Dec 28 08:23	28° \mathfrak{X} 15'24		evening set	6920 Jun 29 02:18	21° \mathfrak{E} 29'51	
	6917 Dec 29 18:02	0° \mathfrak{Z}		min. Earth dist.	6920 Jul 04 17:55	18° \mathfrak{E} 07'18	0.27907 AU
	6918 Jan 22 19:38	0° \approx		inferior conj	6920 Jul 05 00:33	17° \mathfrak{E} 57'00	2°09'39
desc. node	6918 Jan 26 23:23	5° \approx 11'42		minimum elong	6920 Jul 05 05:22	17° \mathfrak{E} 49'33	2°08'07
max. Earth dist.	6918 Feb 02 19:12	13° \approx 44'10	1.71609 AU	morning rise	6920 Jul 11 08:56	14° \mathfrak{E} 11'22	
				desc. node	6920 Jul 13 18:51	12° \mathfrak{E} 58'02	
superior conj	6918 Feb 05 16:01	17° \approx 19'33	-0°23'16	direct	6920 Jul 26 01:26	9° \mathfrak{E} 58'28	
minimum elong	6918 Feb 05 10:16	17° \approx 01'35	0°22'56	greatest brilliancy	6920 Aug 04 22:21	11° \mathfrak{E} 45'17	-4.8m
	6918 Feb 15 18:46	0° \mathfrak{H}			6920 Sep 02 00:33	0° Ω	
	6918 Mar 11 16:14	0° Υ		morning max el	6920 Sep 12 22:55	9° Ω 58'02	45°45'50
evening rise	6918 Mar 18 00:18	7° Υ 57'34			6920 Oct 02 17:41	0° \mathfrak{M}	
	6918 Apr 04 13:33	0° \mathfrak{B}			6920 Oct 29 22:16	0° \mathfrak{A}	
	6918 Apr 28 13:00	0° Π		asc. node	6920 Nov 03 19:10	5° \mathfrak{A} 34'36	
asc. node	6918 May 19 23:29	26° Π 37'00			6920 Nov 24 16:42	0° \mathfrak{M}	
	6918 May 22 17:15	0° \mathfrak{E}			6920 Dec 19 15:57	0° \mathfrak{X}	
	6918 Jun 16 05:12	0° Ω			6921 Jan 13 03:33	0° \mathfrak{Z}	
	6918 Jul 11 04:52	0° \mathfrak{M}			6921 Feb 06 08:07	0° \approx	
	6918 Aug 05 23:58	0° \mathfrak{A}		desc. node	6921 Feb 23 11:17	21° \approx 23'22	
	6918 Sep 02 09:36	0° \mathfrak{M}			6921 Mar 02 08:18	0° \mathfrak{H}	
desc. node	6918 Sep 08 16:21	6° \mathfrak{M} 26'48		morning set	6921 Mar 12 16:47	12° \mathfrak{H} 59'02	
evening max el	6918 Sep 16 17:09	14° \mathfrak{M} 21'04	45°37'42		6921 Mar 26 05:50	0° Υ	
	6918 Oct 04 13:28	0° \mathfrak{X}			6921 Apr 19 02:24	0° \mathfrak{B}	
greatest brilliancy	6918 Oct 25 22:51	12° \mathfrak{X} 28'24	-4.7m				
retrograde	6918 Nov 04 10:03	14° \mathfrak{X} 06'21		superior conj	6921 Apr 22 16:31	4° \mathfrak{B} 30'39	-1°27'25
evening set	6918 Nov 21 15:35	8° \mathfrak{X} 31'10		minimum elong	6921 Apr 22 17:40	4° \mathfrak{B} 34'16	1°27'27
inferior conj	6918 Nov 25 17:03	6° \mathfrak{X} 02'30	-7°16'04	max. Earth dist.	6921 Apr 24 17:09	7° \mathfrak{B} 03'26	1.71303 AU
minimum elong	6918 Nov 26 02:24	5° \mathfrak{X} 47'55	7°14'27		6921 May 12 23:56	0° Π	
min. Earth dist.	6918 Nov 26 13:59	5° \mathfrak{X} 29'53	0.28512 AU	evening rise	6921 Jun 02 01:48	25° Π 05'42	
morning rise	6918 Nov 30 12:46	3° \mathfrak{X} 06'00			6921 Jun 06 00:19	0° \mathfrak{E}	
	6918 Dec 06 15:40	30° \mathfrak{K} \mathfrak{M}		asc. node	6921 Jun 16 11:15	12° \mathfrak{E} 59'38	
direct	6918 Dec 17 01:12	27° \mathfrak{M} 48'50			6921 Jun 30 04:55	0° Ω	
	6918 Dec 27 22:36	0° \mathfrak{X}			6921 Jul 24 14:50	0° \mathfrak{M}	
greatest brilliancy	6918 Dec 28 06:59	0° \mathfrak{X} 08'08	-4.8m		6921 Aug 18 07:37	0° \mathfrak{A}	
asc. node	6918 Dec 30 16:43	1° \mathfrak{X} 09'50			6921 Sep 12 10:23	0° \mathfrak{M}	
morning max el	6919 Feb 05 05:55	0° \mathfrak{Z} 08'24	46°35'42	desc. node	6921 Oct 06 04:03	27° \mathfrak{M} 40'14	
	6919 Feb 05 02:34	0° \mathfrak{Z}			6921 Oct 08 04:52	0° \mathfrak{X}	
	6919 Mar 04 22:14	0° \approx			6921 Nov 04 02:39	0° \mathfrak{Z}	
	6919 Mar 30 15:58	0° \mathfrak{H}		evening max el	6921 Nov 27 20:53	24° \mathfrak{Z} 29'07	46°10'55
desc. node	6919 Apr 21 09:29	26° \mathfrak{H} 09'05			6921 Dec 03 16:38	0° \approx	

greatest brilliancy	6922 Jan 06 12:42	23°  37'59	-4.8m	superior conj	6924 Jul 05 14:09	18°  32'16	-0°20'06
retrograde	6922 Jan 16 07:36	25°  24'04		minimum elong	6924 Jul 05 18:45	18°  46'31	0°19'56
asc. node	6922 Jan 27 04:27	23°  01'29		max. Earth dist.	6924 Jul 08 18:24	22°  28'35	1.72572 AU
evening set	6922 Jan 30 16:34	21°  19'51		asc. node	6924 Jul 13 23:04	28°  54'46	
inferior conj	6922 Feb 05 23:06	17°  39'20	2°29'37		6924 Jul 14 20:08	0° 	
minimum elong	6922 Feb 05 17:30	17°  47'55	2°27'55		6924 Aug 08 02:51	0° 	
min. Earth dist.	6922 Feb 06 01:41	17°  35'22	0.26963 AU	evening rise	6924 Aug 12 08:14	5° 	12'24
morning rise	6922 Feb 11 18:11	14°  14'09			6924 Sep 01 12:10	0° 	
direct	6922 Feb 26 16:48	9°  50'36			6924 Sep 26 00:48	0° 	
greatest brilliancy	6922 Mar 08 21:51	11°  49'21	-4.9m		6924 Oct 20 18:11	0° 	
	6922 Apr 04 19:05	0° 		desc. node	6924 Nov 02 15:52	15° 	32'11
morning max el	6922 Apr 18 06:17	12°  51'59	46°59'05		6924 Nov 14 17:54	0° 	
	6922 May 04 12:32	0° 			6924 Dec 10 02:01	0° 	
desc. node	6922 May 18 21:25	16°  02'30			6925 Jan 05 00:02	0° 	
	6922 May 31 00:49	0° 			6925 Feb 01 06:40	0° 	
	6922 Jun 25 11:47	0° 		evening max el	6925 Feb 08 14:13	7° 	31'26 46°58'03
	6922 Jul 20 12:31	0° 		asc. node	6925 Feb 23 16:17	21° 	49'09
	6922 Aug 14 08:33	0° 			6925 Mar 05 19:40	0° 	
	6922 Sep 08 01:13	0° 		greatest brilliancy	6925 Mar 21 08:23	8° 	45'25 -4.9m
asc. node	6922 Sep 08 21:05	1°  00'33		retrograde	6925 Mar 31 04:17	10° 	35'59
	6922 Oct 02 14:20	0° 		evening set	6925 Apr 18 08:43	4° 	18'12
morning set	6922 Oct 17 16:26	18°  32'02		inferior conj	6925 Apr 20 21:42	2° 	44'39 9°09'22
	6922 Oct 26 23:53	0° 		minimum elong	6925 Apr 20 22:11	2° 	43'54 9°09'20
	6922 Nov 20 06:38	0° 		min. Earth dist.	6925 Apr 20 16:15	2° 	53'04 0.27156 AU
max. Earth dist.	6922 Nov 21 03:16	1°  37'03'48	1.72864 AU	morning rise	6925 Apr 23 11:42	1° 	09'35
					6925 Apr 25 10:51	30° 	
superior conj	6922 Nov 23 07:08	3°  37'44'20	1°13'10	direct	6925 May 11 12:02	24° 	57'37
minimum elong	6922 Nov 23 15:46	4°  31'11'03	1°12'59	greatest brilliancy	6925 May 20 23:48	26° 	38'51 -4.9m
	6922 Dec 14 11:35	0° 			6925 May 28 10:53	0° 	
desc. node	6922 Dec 29 13:29	18°  34'3'08		desc. node	6925 Jun 15 09:07	12° 	53'03
evening rise	6922 Dec 31 09:56	21°  30'1'12		morning max el	6925 Jun 30 09:50	26° 	34'01 46°26'42
	6923 Jan 07 15:18	0° 			6925 Jul 03 15:20	0° 	
	6923 Jan 31 17:54	0° 			6925 Jul 31 18:27	0° 	
	6923 Feb 24 20:00	0° 			6925 Aug 27 03:52	0° 	
	6923 Mar 20 23:39	0° 			6925 Sep 21 18:32	0° 	
	6923 Apr 14 08:48	0° 		asc. node	6925 Oct 06 09:06	17° 	23'45
asc. node	6923 Apr 21 13:38	8°  14'45'53			6925 Oct 16 20:56	0° 	
	6923 May 09 05:33	0° 			6925 Nov 10 13:53	0° 	
	6923 Jun 04 00:29	0° 			6925 Dec 04 23:44	0° 	
	6923 Jul 01 20:22	0° 		morning set	6925 Dec 25 23:25	25° 	37'59'54
evening max el	6923 Jul 05 15:24	3°  00'46'40	46°00'25		6925 Dec 29 04:41	0° 	
	6923 Aug 07 10:58	0° 			6926 Jan 22 06:19	0° 	
desc. node	6923 Aug 11 06:44	1°  04'49'51		desc. node	6926 Jan 26 01:23	4° 	44'30
greatest brilliancy	6923 Aug 13 00:17	2°  03'31'44	-4.7m	max. Earth dist.	6926 Jan 31 08:48	11° 	22'57 1.71653 AU
retrograde	6923 Aug 23 22:39	4°  01'41'33					
	6923 Sep 08 13:15	30° 		superior conj	6926 Feb 03 04:05	14° 	53'33 -0°19'32
evening set	6923 Sep 09 11:23	29° 		minimum elong	6926 Feb 02 23:15	14° 	38'23 0°19'15
inferior conj	6923 Sep 14 11:36	26° 	23'59 -7°00'57		6926 Feb 15 05:30	0° 	
minimum elong	6923 Sep 14 02:11	26° 	38'49 6°59'22		6926 Mar 11 03:04	0° 	
min. Earth dist.	6923 Sep 14 00:30	26° 	41'27 0.29048 AU	evening rise	6926 Mar 15 11:17	5° 	27'14
morning rise	6923 Sep 18 17:10	23° 	47'22		6926 Apr 04 00:30	0° 	
direct	6923 Oct 06 00:52	18° 	09'16		6926 Apr 28 00:05	0° 	
greatest brilliancy	6923 Oct 16 01:38	19° 	09'58'14 -4.7m	asc. node	6926 May 19 01:22	26° 	11'08'05
	6923 Nov 02 20:11	0° 			6926 May 22 04:33	0° 	
morning max el	6923 Nov 23 22:56	18° 	18'13 45°50'40		6926 Jun 15 16:55	0° 	
asc. node	6923 Dec 02 06:57	26° 	03'36'54		6926 Jul 10 17:22	0° 	
	6923 Dec 05 13:37	0° 			6926 Aug 05 14:07	0° 	
	6924 Jan 01 20:12	0° 			6926 Sep 02 03:45	0° 	
	6924 Jan 27 09:40	0° 		desc. node	6926 Sep 07 18:27	5° 	42'38
	6924 Feb 21 03:55	0° 		evening max el	6926 Sep 14 08:13	12° 	09'07 45°37'39
	6924 Mar 16 12:02	0° 			6926 Oct 05 02:06	0° 	
desc. node	6924 Mar 22 23:28	8°  14'02'25		greatest brilliancy	6926 Oct 23 12:21	10° 	37'15'13 -4.7m
	6924 Apr 09 14:34	0° 		retrograde	6926 Nov 02 01:39	11° 	37'54'39
	6924 May 03 14:32	0° 		evening set	6926 Nov 19 09:32	6° 	37'14'44
morning set	6924 May 27 16:47	0° 		inferior conj	6926 Nov 23 08:27	3° 	37'49'41 -7°26'41
	6924 May 27 14:24	0° 		minimum elong	6926 Nov 23 17:29	3° 	35'38 7°25'14
	6924 Jun 20 16:00	0° 		min. Earth dist.	6926 Nov 24 04:31	3° 	37'18'28 0.28569 AU

morning rise	6926 Nov 28 01:03	0° \mathbb{A} 57'56			6929 Jun 05 11:13	0° \mathbb{G}	
	6926 Nov 29 17:57	30° $\mathbb{R}\mathbb{M}$		asc. node	6929 Jun 15 13:13	12° \mathbb{G} 31'49	
direct	6926 Dec 14 17:23	25° \mathbb{M} 35'23			6929 Jun 29 15:55	0° \mathbb{Q}	
greatest brilliancy	6926 Dec 25 22:17	27° \mathbb{M} 54'12	-4.8m		6929 Jul 24 02:03	0° \mathbb{P}	
asc. node	6926 Dec 29 18:37	29° \mathbb{M} 37'20			6929 Aug 17 19:14	0° \mathbb{L}	
	6926 Dec 30 12:29	0° \mathbb{A}			6929 Sep 11 22:46	0° \mathbb{M}	
morning max el	6927 Feb 02 22:03	27° \mathbb{A} 54'09	46°34'07	desc. node	6929 Oct 05 06:01	27° \mathbb{M} 06'37	
	6927 Feb 04 23:52	0° \mathbb{Z}			6929 Oct 07 18:43	0° \mathbb{A}	
	6927 Mar 04 13:49	0° \mathbb{X}			6929 Nov 03 19:42	0° \mathbb{Z}	
	6927 Mar 30 05:27	0° \mathbb{H}		evening max el	6929 Nov 25 11:02	22° \mathbb{Z} 10'47	46°09'04
desc. node	6927 Apr 20 11:24	25° \mathbb{H} 36'45			6929 Dec 03 19:33	0° \mathbb{X}	
	6927 Apr 24 01:54	0° \mathbb{Y}		greatest brilliancy	6930 Jan 04 02:42	21° \mathbb{X} 15'40	-4.8m
	6927 May 18 13:27	0° \mathbb{B}		retrograde	6930 Jan 13 20:01	23° \mathbb{X} 00'10	
	6927 Jun 11 21:26	0° \mathbb{I}		asc. node	6930 Jan 26 06:34	19° \mathbb{X} 55'46	
	6927 Jul 06 04:54	0° \mathbb{G}		evening set	6930 Jan 28 05:12	18° \mathbb{X} 56'53	
	6927 Jul 30 13:02	0° \mathbb{Q}		inferior conj	6930 Feb 03 12:13	15° \mathbb{X} 15'36	2°06'27
morning set	6927 Aug 07 20:10	10° \mathbb{Q} 13'01		minimum elong	6930 Feb 03 07:26	15° \mathbb{X} 22'56	2°05'00
asc. node	6927 Aug 11 11:03	14° \mathbb{Q} 40'32		min. Earth dist.	6930 Feb 03 16:11	15° \mathbb{X} 09'30	0.26984 AU
	6927 Aug 23 21:42	0° \mathbb{P}		morning rise	6930 Feb 09 09:20	11° \mathbb{X} 47'08	
				direct	6930 Feb 24 06:00	7° \mathbb{X} 26'22	
superior conj	6927 Sep 13 23:00	25° \mathbb{P} 55'44	1°09'19	greatest brilliancy	6930 Mar 06 12:46	9° \mathbb{X} 26'06	-4.9m
minimum elong	6927 Sep 13 14:10	25° \mathbb{P} 28'30	1°09'04		6930 Apr 05 00:15	0° \mathbb{H}	
max. Earth dist.	6927 Sep 13 22:44	25° \mathbb{P} 54'54	1.73371 AU	morning max el	6930 Apr 15 18:49	10° \mathbb{H} 25'29	46°59'16
	6927 Sep 17 06:19	0° \mathbb{L}			6930 May 04 06:27	0° \mathbb{Y}	
	6927 Oct 11 14:48	0° \mathbb{M}		desc. node	6930 May 17 23:23	15° \mathbb{Y} 23'06	
evening rise	6927 Oct 20 04:44	10° \mathbb{M} 34'08			6930 May 30 15:22	0° \mathbb{B}	
	6927 Nov 04 23:44	0° \mathbb{A}			6930 Jun 25 00:47	0° \mathbb{I}	
	6927 Nov 29 09:48	0° \mathbb{Z}			6930 Jul 20 00:37	0° \mathbb{G}	
desc. node	6927 Dec 01 03:35	2° \mathbb{Z} 08'11			6930 Aug 13 20:03	0° \mathbb{Q}	
	6927 Dec 23 21:10	0° \mathbb{X}		asc. node	6930 Sep 07 23:05	0° \mathbb{P} 32'47	
	6928 Jan 17 10:12	0° \mathbb{H}			6930 Sep 07 12:20	0° \mathbb{P}	
	6928 Feb 11 02:54	0° \mathbb{Y}			6930 Oct 02 01:12	0° \mathbb{L}	
	6928 Mar 07 05:20	0° \mathbb{B}		morning set	6930 Oct 15 09:44	16° \mathbb{L} 24'28	
asc. node	6928 Mar 23 03:50	18° \mathbb{B} 31'28			6930 Oct 26 10:37	0° \mathbb{M}	
	6928 Apr 02 08:11	0° \mathbb{I}		max. Earth dist.	6930 Nov 18 19:31	28° \mathbb{M} 52'23	1.72901 AU
evening max el	6928 Apr 22 03:57	21° \mathbb{I} 05'51	46°51'47		6930 Nov 19 17:23	0° \mathbb{A}	
	6928 May 01 07:59	0° \mathbb{G}					
greatest brilliancy	6928 May 31 19:55	21° \mathbb{G} 36'26	-4.8m	superior conj	6930 Nov 20 23:46	1° \mathbb{A} 34'00	1°14'50
retrograde	6928 Jun 11 13:20	23° \mathbb{G} 45'09		minimum elong	6930 Nov 21 08:00	1° \mathbb{A} 59'29	1°14'43
evening set	6928 Jun 26 18:56	19° \mathbb{G} 10'03			6930 Dec 13 22:27	0° \mathbb{Z}	
inferior conj	6928 Jul 02 15:07	15° \mathbb{G} 39'51	2°31'07	desc. node	6930 Dec 28 15:31	18° \mathbb{Z} 15'29	
minimum elong	6928 Jul 02 20:40	15° \mathbb{G} 31'15	2°29'23	evening rise	6930 Dec 29 00:20	18° \mathbb{Z} 42'48	
min. Earth dist.	6928 Jul 02 08:39	15° \mathbb{G} 49'53	0.27870 AU		6931 Jan 07 02:20	0° \mathbb{X}	
morning rise	6928 Jul 08 23:01	11° \mathbb{G} 55'14			6931 Jan 31 05:08	0° \mathbb{H}	
desc. node	6928 Jul 12 20:53	10° \mathbb{G} 01'49			6931 Feb 24 07:28	0° \mathbb{Y}	
direct	6928 Jul 23 16:12	7° \mathbb{G} 42'05			6931 Mar 20 11:27	0° \mathbb{B}	
greatest brilliancy	6928 Aug 02 11:46	9° \mathbb{G} 28'12	-4.8m		6931 Apr 13 21:09	0° \mathbb{I}	
	6928 Sep 02 04:34	0° \mathbb{Q}		asc. node	6931 Apr 20 15:34	8° \mathbb{I} 13'42	
morning max el	6928 Sep 10 14:21	7° \mathbb{Q} 46'02	45°46'30		6931 May 08 18:53	0° \mathbb{G}	
	6928 Oct 02 10:39	0° \mathbb{P}			6931 Jun 03 15:50	0° \mathbb{Q}	
	6928 Oct 29 12:01	0° \mathbb{L}			6931 Jul 01 17:16	0° \mathbb{P}	
asc. node	6928 Nov 02 21:03	5° \mathbb{L} 01'24		evening max el	6931 Jul 03 06:00	1° \mathbb{P} 30'50	46°01'53
	6928 Nov 24 05:03	0° \mathbb{M}			6931 Aug 09 18:27	0° \mathbb{L}	
	6928 Dec 19 03:34	0° \mathbb{A}		desc. node	6931 Aug 10 08:49	0° \mathbb{L} 14'17	
	6929 Jan 12 14:48	0° \mathbb{Z}		greatest brilliancy	6931 Aug 10 16:33	0° \mathbb{L} 21'44	-4.7m
	6929 Feb 05 19:09	0° \mathbb{X}		retrograde	6931 Aug 21 14:38	2° \mathbb{L} 31'54	
desc. node	6929 Feb 22 13:24	20° \mathbb{X} 55'39			6931 Sep 01 22:24	30° $\mathbb{R}\mathbb{P}$	
	6929 Mar 01 19:14	0° \mathbb{H}		evening set	6931 Sep 07 00:44	27° \mathbb{P} 23'03	
morning set	6929 Mar 10 03:28	10° \mathbb{H} 27'47		min. Earth dist.	6931 Sep 11 16:35	24° \mathbb{P} 32'28	0.29023 AU
	6929 Mar 25 16:44	0° \mathbb{Y}		inferior conj	6931 Sep 12 03:59	24° \mathbb{P} 14'31	-6°49'15
	6929 Apr 18 13:16	0° \mathbb{B}		minimum elong	6931 Sep 11 18:20	24° \mathbb{P} 29'42	6°47'31
				morning rise	6931 Sep 16 12:05	21° \mathbb{P} 34'06	
superior conj	6929 Apr 20 03:44	2° \mathbb{B} 00'53	-1°27'31	direct	6931 Oct 03 16:24	16° \mathbb{P} 00'09	
minimum elong	6929 Apr 20 03:48	2° \mathbb{B} 01'06	1°27'34	greatest brilliancy	6931 Oct 13 17:40	17° \mathbb{P} 49'04	-4.7m
max. Earth dist.	6929 Apr 22 02:37	4° \mathbb{B} 28'13	1.71280 AU		6931 Nov 03 08:39	0° \mathbb{L}	
	6929 May 12 10:48	0° \mathbb{I}		morning max el	6931 Nov 21 13:22	16° \mathbb{L} 03'26	45°49'42
evening rise	6929 May 30 14:05	22° \mathbb{I} 40'24		asc. node	6931 Dec 01 08:58	25° \mathbb{L} 52'52	

	6931 Dec 05 07:54	0°♌		6934 May 21 16:12	0°♎	
	6932 Jan 01 10:38	0°♊		6934 Jun 15 04:59	0°♏	
	6932 Jan 26 22:34	0°♋		6934 Jul 10 06:15	0°♐	
	6932 Feb 20 16:04	0°♌		6934 Aug 05 04:41	0°♑	
	6932 Mar 15 23:45	0°♍		6934 Sep 01 22:40	0°♒	
desc. node	6932 Mar 22 01:19	7°♋32'03	desc. node	6934 Sep 06 20:21	4°♌56'35	
	6932 Apr 09 01:59	0°♎	evening max el	6934 Sep 12 00:06	9°♌58'29	45°37'32
	6932 May 03 01:44	0°♏		6934 Oct 05 19:33	0°♊	
morning set	6932 May 25 05:54	27°♏44'01	greatest brilliancy	6934 Oct 21 01:55	8°♊01'36	-4.7m
	6932 May 27 01:26	0°♐	retrograde	6934 Oct 30 17:11	9°♊42'10	
	6932 Jun 20 02:54	0°♑	evening set	6934 Nov 17 03:28	3°♊57'57	
			inferior conj	6934 Nov 20 23:57	1°♊36'15	-7°36'37
superior conj	6932 Jul 03 05:10	16°♎16'20 -0°23'31	minimum elong	6934 Nov 21 08:33	1°♊22'49	7°35'20
minimum elong	6932 Jul 03 10:32	16°♎32'57 0°23'19	min. Earth dist.	6934 Nov 21 18:55	1°♊06'40	0.28625 AU
max. Earth dist.	6932 Jul 06 09:28	20°♎12'57 1.72525 AU		6934 Nov 23 14:03	30°♌	
asc. node	6932 Jul 13 01:09	28°♎27'42	morning rise	6934 Nov 25 13:22	28°♌49'07	
	6932 Jul 14 06:58	0°♏	direct	6934 Dec 12 09:55	23°♌21'29	
	6932 Aug 07 13:41	0°♐	greatest brilliancy	6934 Dec 23 13:09	25°♌38'58	-4.8m
evening rise	6932 Aug 10 01:30	3°♐04'16	asc. node	6934 Dec 28 20:43	28°♌07'17	
	6932 Aug 31 23:07	0°♑		6935 Jan 01 03:30	0°♊	
	6932 Sep 25 12:02	0°♒	morning max el	6935 Jan 31 14:08	25°♊38'55	46°32'29
	6932 Oct 20 05:52	0°♋		6935 Feb 04 20:48	0°♋	
desc. node	6932 Nov 01 17:46	15°♊01'55		6935 Mar 04 05:29	0°♌	
	6932 Nov 14 06:18	0°♋		6935 Mar 29 19:06	0°♍	
	6932 Dec 09 15:37	0°♌	desc. node	6935 Apr 19 13:24	25°♋04'00	
	6933 Jan 04 15:49	0°♍		6935 Apr 23 14:32	0°♎	
	6933 Feb 01 03:36	0°♎		6935 May 18 01:28	0°♏	
evening max el	6933 Feb 06 03:00	5°♎04'49 46°57'02		6935 Jun 11 09:01	0°♐	
asc. node	6933 Feb 22 18:15	20°♎42'26		6935 Jul 05 16:09	0°♑	
	6933 Mar 06 20:47	0°♏		6935 Jul 30 00:03	0°♒	
greatest brilliancy	6933 Mar 18 21:28	6°♏18'27 -4.9m	morning set	6935 Aug 05 12:46	8°♒02'37	
retrograde	6933 Mar 28 17:29	8°♏09'27	asc. node	6935 Aug 10 13:02	14°♒13'00	
evening set	6933 Apr 15 20:40	1°♏53'02		6935 Aug 23 08:33	0°♐	
inferior conj	6933 Apr 18 10:35	0°♏18'19 9°09'33				
minimum elong	6933 Apr 18 10:04	0°♏19'08 9°09'31	superior conj	6935 Sep 11 16:48	23°♐49'30	1°07'23
min. Earth dist.	6933 Apr 18 04:43	0°♏27'22 0.27137 AU	minimum elong	6935 Sep 11 07:46	23°♐21'41	1°07'05
	6933 Apr 18 22:28	30°♌	max. Earth dist.	6935 Sep 11 20:59	24°♐02'24	1.73362 AU
morning rise	6933 Apr 20 23:30	28°♎45'07		6935 Sep 16 17:05	0°♑	
direct	6933 May 09 00:31	22°♎31'17		6935 Oct 11 01:36	0°♒	
greatest brilliancy	6933 May 18 12:24	24°♎12'58 -4.9m	evening rise	6935 Oct 17 22:27	8°♒27'30	
	6933 May 30 01:39	0°♏		6935 Nov 04 10:43	0°♋	
desc. node	6933 Jun 14 11:07	11°♏48'24		6935 Nov 28 21:03	0°♌	
morning max el	6933 Jun 27 23:54	24°♏26'05 46°28'35	desc. node	6935 Nov 30 05:41	1°♋40'02	
	6933 Jul 03 12:57	0°♐		6935 Dec 23 08:51	0°♍	
	6933 Jul 31 10:15	0°♑		6936 Jan 16 22:26	0°♎	
	6933 Aug 26 17:19	0°♒		6936 Feb 10 15:58	0°♏	
	6933 Sep 21 06:46	0°♓		6936 Mar 06 19:48	0°♐	
asc. node	6933 Oct 05 10:59	16°♓53'56	asc. node	6936 Mar 22 05:46	17°♏51'28	
	6933 Oct 16 08:31	0°♑		6936 Apr 02 01:39	0°♐	
	6933 Nov 10 01:07	0°♒	evening max el	6936 Apr 19 19:18	18°♐47'30	46°53'01
	6933 Dec 04 10:47	0°♋		6936 May 01 11:27	0°♑	
morning set	6933 Dec 23 14:37	23°♋43'56	greatest brilliancy	6936 May 29 11:58	19°♑19'12	-4.8m
	6933 Dec 28 15:40	0°♌	retrograde	6936 Jun 09 04:34	21°♑26'39	
	6934 Jan 21 17:18	0°♍	evening set	6936 Jun 24 11:43	16°♑49'25	
desc. node	6934 Jan 25 03:26	4°♍16'35	inferior conj	6936 Jun 30 05:40	13°♑22'00	2°52'28
max. Earth dist.	6934 Jan 28 23:15	9°♍03'35 1.71693 AU	minimum elong	6936 Jun 30 11:55	13°♑12'17	2°50'32
			min. Earth dist.	6936 Jun 29 23:37	13°♑31'24	0.27833 AU
superior conj	6934 Jan 31 16:16	12°♍26'59 -0°15'48	morning rise	6936 Jul 06 12:48	9°♑38'23	
minimum elong	6934 Jan 31 12:20	12°♍14'41 0°15'33	desc. node	6936 Jul 11 22:59	7°♑09'09	
behind sun begin	6934 Jan 31 05:08	11°♍52'08	direct	6936 Jul 21 06:46	5°♑25'00	
behind sun end	6934 Jan 31 19:33	12°♍37'15	greatest brilliancy	6936 Jul 31 01:19	7°♑10'20	-4.8m
	6934 Feb 14 16:32	0°♎		6936 Sep 02 07:12	0°♒	
	6934 Mar 10 14:12	0°♏	morning max el	6936 Sep 08 05:03	5°♒31'35	45°47'19
evening rise	6934 Mar 12 22:26	2°♎56'31		6936 Oct 02 03:26	0°♓	
	6934 Apr 03 11:46	0°♏		6936 Oct 29 01:46	0°♑	
	6934 Apr 27 11:30	0°♐	asc. node	6936 Nov 01 23:07	4°♑28'35	
asc. node	6934 May 18 03:23	25°♐38'27		6936 Nov 23 17:25	0°♒	

	6936 Dec 18 15:15	0°♊		desc. node	6939 Aug 09 10:42	28°♎35'07
	6937 Jan 12 02:09	0°♋			6939 Aug 14 21:25	0°♌
	6937 Feb 05 06:21	0°♍		retrograde	6939 Aug 19 06:52	0°♌22'14
desc. node	6937 Feb 21 15:19	20°♍26'48			6939 Aug 23 14:19	30°♎♎
	6937 Mar 01 06:21	0°♎		evening set	6939 Sep 04 13:58	25°♎17'18
morning set	6937 Mar 07 13:54	7°♎55'09		inferior conj	6939 Sep 09 20:10	22°♎04'52 -6°36'53
	6937 Mar 25 03:47	0°♏		minimum elong	6939 Sep 09 10:22	22°♎20'16 6°35'02
				min. Earth dist.	6939 Sep 09 08:22	22°♎23'24 0.28997 AU
superior conj	6937 Apr 17 14:38	29°♏29'44 -1°27'27		morning rise	6939 Sep 14 06:55	19°♎20'42
minimum elong	6937 Apr 17 13:36	29°♏26'30 1°27'29		direct	6939 Oct 01 07:45	13°♎50'42
	6937 Apr 18 00:16	0°♐		greatest brilliancy	6939 Oct 11 09:35	15°♎39'56 -4.7m
max. Earth dist.	6937 Apr 19 09:18	1°♐43'48 1.71255 AU			6939 Nov 03 17:43	0°♌
	6937 May 11 21:46	0°♑		morning max el	6939 Nov 19 04:42	13°♌51'20 45°48'54
evening rise	6937 May 28 01:59	20°♑13'31		asc. node	6939 Nov 30 10:58	25°♌09'50
	6937 Jun 04 22:13	0°♒			6939 Dec 05 01:33	0°♍
asc. node	6937 Jun 14 15:17	12°♒04'03			6940 Jan 01 00:42	0°♊
	6937 Jun 29 03:02	0°♓			6940 Jan 26 11:09	0°♋
	6937 Jul 23 13:23	0°♎			6940 Feb 20 03:55	0°♍
	6937 Aug 17 07:00	0°♌			6940 Mar 15 11:10	0°♎
	6937 Sep 11 11:18	0°♍		desc. node	6940 Mar 21 03:20	7°♎03'00
desc. node	6937 Oct 04 08:01	26°♍32'45			6940 Apr 08 13:08	0°♏
	6937 Oct 07 08:46	0°♊			6940 May 02 12:43	0°♐
	6937 Nov 03 13:07	0°♋		morning set	6940 May 22 18:31	25°♐19'30
evening max el	6937 Nov 23 00:13	19°♋50'23 46°07'15			6940 May 26 12:17	0°♑
	6937 Dec 04 00:08	0°♌			6940 Jun 19 13:38	0°♒
greatest brilliancy	6938 Jan 01 16:48	18°♌53'38 -4.8m				
retrograde	6938 Jan 11 08:09	20°♌36'39		superior conj	6940 Jun 30 19:36	13°♒59'02 -0°26'57
asc. node	6938 Jan 25 08:31	16°♌46'01		minimum elong	6940 Jul 01 01:42	14°♒17'58 0°26'43
evening set	6938 Jan 25 18:01	16°♌33'32		max. Earth dist.	6940 Jul 03 23:10	17°♒53'32 1.72478 AU
inferior conj	6938 Feb 01 01:22	12°♌52'03 1°43'07		asc. node	6940 Jul 12 03:03	28°♒00'37
minimum elong	6938 Jan 31 21:27	12°♌58'05 1°41'54			6940 Jul 13 17:37	0°♓
min. Earth dist.	6938 Feb 01 06:59	12°♌43'26 0.27015 AU			6940 Aug 07 00:19	0°♎
morning rise	6938 Feb 07 00:23	9°♌20'34		evening rise	6940 Aug 07 18:19	0°♎55'27
direct	6938 Feb 21 19:00	5°♌01'57			6940 Aug 31 09:52	0°♌
greatest brilliancy	6938 Mar 04 04:24	7°♌03'38 -4.9m			6940 Sep 24 23:03	0°♍
	6938 Apr 05 03:44	0°♎			6940 Oct 19 17:22	0°♊
morning max el	6938 Apr 13 07:26	7°♎58'45 46°59'23		desc. node	6940 Oct 31 19:53	14°♊32'52
	6938 May 04 00:04	0°♏			6940 Nov 13 18:33	0°♋
desc. node	6938 May 17 01:28	14°♏44'05			6940 Dec 09 05:04	0°♌
	6938 May 30 05:50	0°♐			6941 Jan 04 07:30	0°♎
	6938 Jun 24 13:42	0°♑			6941 Feb 01 00:47	0°♏
	6938 Jul 19 12:38	0°♒		evening max el	6941 Feb 03 16:55	2°♏42'29 46°56'08
	6938 Aug 13 07:30	0°♓		asc. node	6941 Feb 21 20:10	19°♏35'15
	6938 Sep 06 23:23	0°♎			6941 Mar 08 06:55	0°♐
asc. node	6938 Sep 07 00:57	0°♎04'46		greatest brilliancy	6941 Mar 16 09:59	3°♐52'29 -4.9m
	6938 Oct 01 12:00	0°♌		retrograde	6941 Mar 26 07:16	5°♐44'31
morning set	6938 Oct 13 03:03	14°♌17'05			6941 Apr 12 12:15	30°♎♏
	6938 Oct 25 21:18	0°♍		evening set	6941 Apr 13 08:11	29°♏30'16
max. Earth dist.	6938 Nov 16 13:09	26°♍45'28 1.72934 AU		inferior conj	6941 Apr 15 23:35	27°♏53'27 9°08'42
				minimum elong	6941 Apr 15 22:06	27°♏55'44 9°08'37
superior conj	6938 Nov 18 16:38	29°♍24'43 1°16'25		min. Earth dist.	6941 Apr 15 16:56	28°♏03'41 0.27119 AU
minimum elong	6938 Nov 19 00:27	29°♍48'53 1°16'18		morning rise	6941 Apr 18 12:03	26°♏21'06
	6938 Nov 19 04:03	0°♊		direct	6941 May 06 13:38	20°♏06'36
	6938 Dec 13 09:12	0°♋		greatest brilliancy	6941 May 16 00:38	21°♏48'00 -4.9m
evening rise	6938 Dec 26 15:05	16°♋26'04			6941 May 31 04:10	0°♐
desc. node	6938 Dec 27 17:34	17°♋48'13		desc. node	6941 Jun 13 13:12	10°♐46'35
	6939 Jan 06 13:14	0°♌		morning max el	6941 Jun 25 14:47	22°♐08'07 46°30'08
	6939 Jan 30 16:15	0°♎			6941 Jul 03 09:27	0°♑
	6939 Feb 23 18:51	0°♏			6941 Jul 31 01:32	0°♒
	6939 Mar 19 23:14	0°♐			6941 Aug 26 06:25	0°♓
	6939 Apr 13 09:31	0°♑			6941 Sep 20 18:41	0°♎
asc. node	6939 Apr 19 17:35	7°♑41'44		asc. node	6941 Oct 04 13:04	16°♑25'39
	6939 May 08 08:17	0°♒			6941 Oct 15 19:46	0°♌
	6939 Jun 03 07:22	0°♓			6941 Nov 09 12:00	0°♍
evening max el	6939 Jun 30 20:25	29°♓14'38 46°03'36			6941 Dec 03 21:30	0°♎
	6939 Jul 01 14:54	0°♎		morning set	6941 Dec 21 05:51	21°♎29'11
greatest brilliancy	6939 Aug 08 08:10	28°♎10'54 -4.8m			6941 Dec 28 02:20	0°♋

	6942 Jan 21 03:58	0°♊	evening set	6944 Jun 22 04:51	14°♊30'33	
desc. node	6942 Jan 24 05:20	3°♊49'12	inferior conj	6944 Jun 27 20:28	11°♊06'15	3°13'25
max. Earth dist.	6942 Jan 26 11:18	6°♊37'50 1.71728 AU	minimum elong	6944 Jun 28 03:23	10°♊55'29	3°11'18
			min. Earth dist.	6944 Jun 27 15:04	11°♊14'39	0.27796 AU
superior conj	6942 Jan 29 04:40	10°♊02'11 -0°12'03	morning rise	6944 Jul 04 02:33	7°♊23'43	
minimum elong	6942 Jan 29 01:40	9°♊52'49 0°11'50	desc. node	6944 Jul 11 00:50	4°♊23'35	
behind sun begin	6942 Jan 28 08:14	8°♊58'18	direct	6944 Jul 18 21:07	3°♊09'57	
behind sun end	6942 Jan 29 19:06	10°♊47'21	greatest brilliancy	6944 Jul 28 15:29	4°♊54'51	-4.8m
	6942 Feb 14 03:14	0°♋		6944 Sep 02 07:48	0°♌	
evening rise	6942 Mar 10 09:51	0°♋27'56	morning max el	6944 Sep 05 19:14	3°♌17'05	45°48'02
	6942 Mar 10 00:58	0°♋		6944 Oct 01 19:30	0°♍	
	6942 Apr 02 22:37	0°♌		6944 Oct 28 15:03	0°♎	
	6942 Apr 26 22:29	0°♍	asc. node	6944 Nov 01 01:07	3°♎56'37	
asc. node	6942 May 17 05:27	25°♍10'18		6944 Nov 23 05:27	0°♏	
	6942 May 21 03:26	0°♎		6944 Dec 18 02:38	0°♐	
	6942 Jun 14 16:42	0°♏		6945 Jan 11 13:12	0°♑	
	6942 Jul 09 18:52	0°♐		6945 Feb 04 17:14	0°♒	
	6942 Aug 04 19:08	0°♑	desc. node	6945 Feb 20 17:16	19°♒59'00	
desc. node	6942 Sep 01 17:47	0°♒		6945 Feb 28 17:11	0°♓	
evening max el	6942 Sep 05 22:23	4°♒10'59	morning set	6945 Mar 05 00:13	5°♓23'04	
	6942 Sep 09 16:09	7°♒49'03 45°37'27		6945 Mar 24 14:34	0°♈	
	6942 Oct 06 18:40	0°♈				
greatest brilliancy	6942 Oct 18 15:57	5°♈49'30 -4.7m	superior conj	6945 Apr 15 01:32	26°♈59'18	-1°27'12
retrograde	6942 Oct 28 08:16	7°♈30'34	minimum elong	6945 Apr 14 23:23	26°♈52'34	1°27'14
evening set	6942 Nov 14 21:20	1°♈42'28	max. Earth dist.	6945 Apr 16 12:22	28°♈48'49	1.71232 AU
	6942 Nov 17 16:20	30°♉♌		6945 Apr 17 11:01	0°♉	
inferior conj	6942 Nov 18 15:26	29°♌23'56 -7°45'54		6945 May 11 08:30	0°♊	
minimum elong	6942 Nov 18 23:35	29°♌11'12 7°44'45	evening rise	6945 May 25 13:53	17°♊47'21	
min. Earth dist.	6942 Nov 19 09:26	28°♌55'50 0.28677 AU		6945 Jun 04 08:57	0°♋	
morning rise	6942 Nov 23 01:37	26°♌41'17	asc. node	6945 Jun 13 17:12	11°♋36'40	
direct	6942 Dec 10 02:19	21°♌08'49		6945 Jun 28 13:51	0°♌	
greatest brilliancy	6942 Dec 21 03:50	23°♌24'31 -4.8m		6945 Jul 23 00:25	0°♍	
asc. node	6942 Dec 27 22:41	26°♌40'57		6945 Aug 16 18:27	0°♎	
	6943 Jan 02 06:06	0°♏		6945 Sep 10 23:36	0°♏	
morning max el	6943 Jan 29 05:32	23°♏23'02 46°30'49	desc. node	6945 Oct 03 10:04	25°♏59'36	
	6943 Feb 04 16:40	0°♑		6945 Oct 06 22:43	0°♐	
	6943 Mar 03 20:34	0°♒		6945 Nov 03 06:43	0°♑	
	6943 Mar 29 08:15	0°♓	evening max el	6945 Nov 20 13:12	17°♑30'11	46°05'28
desc. node	6943 Apr 18 15:27	24°♓32'48		6945 Dec 04 06:32	0°♒	
	6943 Apr 23 02:41	0°♈	greatest brilliancy	6945 Dec 30 06:39	16°♒32'00	-4.8m
	6943 May 17 12:59	0°♉	retrograde	6946 Jan 08 20:35	18°♒14'13	
	6943 Jun 10 20:06	0°♊	evening set	6946 Jan 23 07:07	14°♒10'34	
	6943 Jul 05 02:56	0°♋	asc. node	6946 Jan 24 10:26	13°♒33'32	
	6943 Jul 29 10:37	0°♌	inferior conj	6946 Jan 29 14:36	10°♒29'17	1°19'37
morning set	6943 Aug 03 05:26	5°♌53'41	minimum elong	6946 Jan 29 11:34	10°♒33'58	1°18'42
asc. node	6943 Aug 09 14:57	13°♌46'31	min. Earth dist.	6946 Jan 29 21:45	10°♒18'19	0.27050 AU
	6943 Aug 22 19:01	0°♍	morning rise	6946 Feb 04 15:22	6°♒55'19	
			direct	6946 Feb 19 08:08	2°♒38'09	
superior conj	6943 Sep 09 10:30	21°♍44'03 1°05'20	greatest brilliancy	6946 Mar 01 20:12	4°♒42'11	-4.9m
minimum elong	6943 Sep 09 01:20	21°♍15'49 1°05'01		6946 Apr 05 05:28	0°♓	
max. Earth dist.	6943 Sep 09 17:46	22°♍06'28 1.73354 AU	morning max el	6946 Apr 10 20:52	5°♓34'34	46°59'25
	6943 Sep 16 03:31	0°♎		6946 May 03 17:07	0°♈	
	6943 Oct 10 12:05	0°♏	desc. node	6946 May 16 03:26	14°♈05'34	
evening rise	6943 Oct 15 15:59	6°♏21'21		6946 May 29 19:59	0°♉	
	6943 Nov 03 21:21	0°♐		6946 Jun 24 02:24	0°♊	
	6943 Nov 28 07:59	0°♑		6946 Jul 19 00:27	0°♋	
desc. node	6943 Nov 29 07:39	1°♑12'30		6946 Aug 12 18:44	0°♌	
	6943 Dec 22 20:13	0°♒	asc. node	6946 Sep 06 03:03	29°♌38'07	
	6944 Jan 16 10:24	0°♓		6946 Sep 06 10:14	0°♍	
	6944 Feb 10 04:48	0°♈		6946 Sep 30 22:37	0°♎	
	6944 Mar 06 10:06	0°♉	morning set	6946 Oct 10 20:41	12°♎11'11	
asc. node	6944 Mar 21 07:53	17°♉12'36		6946 Oct 25 07:50	0°♏	
	6944 Apr 01 19:06	0°♊	max. Earth dist.	6946 Nov 14 08:34	24°♏44'22	1.72972 AU
evening max el	6944 Apr 17 10:11	16°♊29'03 46°54'20				
	6944 May 01 16:05	0°♋	superior conj	6946 Nov 16 09:42	27°♋16'19	1°17'52
greatest brilliancy	6944 May 27 04:40	17°♋04'23 -4.9m	minimum elong	6946 Nov 16 17:03	27°♋39'00	1°17'46
retrograde	6944 Jun 06 19:27	19°♋10'04		6946 Nov 18 14:38	0°♌	

	6946 Dec 12 19:54	0° Z		desc. node	6949 Jun 12 15:08	9° B 44'45	
evening rise	6946 Dec 24 05:55	14° Z 09'44		morning max el	6949 Jun 23 05:07	19° B 47'40	46°31'42
desc. node	6946 Dec 26 19:28	17° Z 20'40			6949 Jul 03 05:40	0° II	
	6947 Jan 06 00:07	0° \approx			6949 Jul 30 16:53	0° E	
	6947 Jan 30 03:21	0° H			6949 Aug 25 19:40	0° Ω	
	6947 Feb 23 06:14	0° Y			6949 Sep 20 06:49	0° M	
	6947 Mar 19 11:01	0° B		asc. node	6949 Oct 03 15:03	15° M 56'21	
asc. node	6947 Apr 12 21:57	0° II			6949 Oct 15 07:15	0° E	
	6947 Apr 18 19:36	7° II 09'40			6949 Nov 08 23:07	0° M	
	6947 May 07 21:49	0° E			6949 Dec 03 08:26	0° A	
	6947 Jun 02 23:10	0° Ω		morning set	6949 Dec 18 21:35	19° A 15'21	
evening max el	6947 Jun 28 11:50	27° Ω 00'57	46°05'27		6949 Dec 27 13:12	0° Z	
	6947 Jul 01 13:22	0° M			6950 Jan 20 14:52	0° \approx	
greatest brilliancy	6947 Aug 05 23:27	26° M 00'05	-4.8m	desc. node	6950 Jan 23 07:23	3° \approx 21'29	
desc. node	6947 Aug 08 12:46	26° M 52'57		max. Earth dist.	6950 Jan 23 22:14	4° \approx 07'50	1.71771 AU
retrograde	6947 Aug 16 23:46	28° M 13'09					
evening set	6947 Sep 02 03:28	23° M 11'56		superior conj	6950 Jan 26 17:24	7° \approx 37'44	-0°08'18
min. Earth dist.	6947 Sep 07 00:01	20° M 15'19	0.28967 AU	minimum elong	6950 Jan 26 15:21	7° \approx 31'18	0°08'09
inferior conj	6947 Sep 07 12:30	19° M 55'45	-6°23'55	behind sun begin	6950 Jan 25 17:24	6° \approx 22'42	
minimum elong	6947 Sep 07 02:37	20° M 11'16	6°21'58	behind sun end	6950 Jan 27 13:18	8° \approx 39'56	
morning rise	6947 Sep 12 01:55	17° M 08'01			6950 Feb 13 14:15	0° H	
direct	6947 Sep 28 23:38	11° M 41'58		evening rise	6950 Mar 07 21:10	27° H 57'47	
greatest brilliancy	6947 Oct 09 01:11	13° M 31'09	-4.7m		6950 Mar 09 12:06	0° Y	
	6947 Nov 04 00:01	0° E			6950 Apr 02 09:52	0° B	
morning max el	6947 Nov 16 20:51	11° E 41'43	45°48'01		6950 Apr 26 09:55	0° II	
asc. node	6947 Nov 29 12:56	24° E 27'25		asc. node	6950 May 16 07:20	24° II 40'12	
	6947 Dec 04 18:46	0° M			6950 May 20 15:08	0° E	
	6947 Dec 31 14:40	0° A			6950 Jun 14 04:53	0° Ω	
	6948 Jan 25 23:47	0° Z			6950 Jul 09 07:59	0° M	
	6948 Feb 19 15:52	0° \approx			6950 Aug 04 10:11	0° E	
	6948 Mar 14 22:42	0° H			6950 Sep 01 13:57	0° M	
desc. node	6948 Mar 20 05:27	6° H 33'53		desc. node	6950 Sep 05 00:28	3° M 23'36	
	6948 Apr 08 00:25	0° Y		evening max el	6950 Sep 07 07:43	5° M 37'14	45°37'28
	6948 May 01 23:48	0° B			6950 Oct 08 03:39	0° A	
morning set	6948 May 20 06:55	22° B 53'49		greatest brilliancy	6950 Oct 16 06:48	3° A 37'39	-4.7m
	6948 May 25 23:15	0° II		retrograde	6950 Oct 25 23:07	5° A 18'44	
	6948 Jun 19 00:30	0° E			6950 Nov 11 16:59	30° R M	
				evening set	6950 Nov 12 15:18	29° M 27'04	
superior conj	6948 Jun 28 09:54	11° E 40'45	-0°30'22	inferior conj	6950 Nov 16 07:11	27° M 11'35	-7°54'23
minimum elong	6948 Jun 28 16:43	12° E 01'55	0°30'06	minimum elong	6950 Nov 16 14:49	26° M 59'37	7°53'23
max. Earth dist.	6948 Jul 01 13:57	15° E 36'54	1.72433 AU	min. Earth dist.	6950 Nov 17 00:26	26° M 44'34	0.28722 AU
asc. node	6948 Jul 11 05:03	27° E 33'19		morning rise	6950 Nov 20 14:08	24° M 33'19	
	6948 Jul 13 04:25	0° Ω		direct	6950 Dec 07 18:32	18° M 56'10	
evening rise	6948 Aug 05 11:13	28° Ω 46'21		greatest brilliancy	6950 Dec 18 19:02	21° M 10'27	-4.8m
	6948 Aug 06 11:07	0° M		asc. node	6950 Dec 27 00:37	25° M 16'58	
	6948 Aug 30 20:46	0° E			6951 Jan 03 01:41	0° A	
	6948 Sep 24 10:13	0° M		morning max el	6951 Jan 26 19:57	21° A 04'13	46°29'08
	6948 Oct 19 04:59	0° A			6951 Feb 04 12:10	0° Z	
desc. node	6948 Oct 30 21:51	14° A 03'07			6951 Mar 03 11:42	0° \approx	
	6948 Nov 13 06:56	0° Z			6951 Mar 28 21:40	0° H	
	6948 Dec 08 18:46	0° \approx		desc. node	6951 Apr 17 17:23	24° H 00'06	
	6949 Jan 03 23:41	0° H			6951 Apr 22 15:13	0° Y	
	6949 Jan 31 23:11	0° Y			6951 May 17 00:57	0° B	
evening max el	6949 Feb 01 07:39	0° Y 21'15	46°54'53		6951 Jun 10 07:40	0° II	
asc. node	6949 Feb 20 22:18	18° Y 25'17			6951 Jul 04 14:11	0° E	
	6949 Mar 10 12:06	0° B			6951 Jul 28 21:39	0° Ω	
greatest brilliancy	6949 Mar 13 22:16	1° B 24'48	-4.9m	morning set	6951 Jul 31 21:38	3° Ω 41'51	
retrograde	6949 Mar 23 20:52	3° B 17'31		asc. node	6951 Aug 08 17:01	13° Ω 19'09	
	6949 Apr 05 14:03	30° R Y			6951 Aug 22 05:55	0° M	
evening set	6949 Apr 10 18:51	27° Y 06'42					
min. Earth dist.	6949 Apr 13 04:52	25° Y 38'13	0.27100 AU	superior conj	6951 Sep 07 03:57	19° M 36'35	1°03'10
inferior conj	6949 Apr 13 12:20	25° Y 26'43	9°06'41	minimum elong	6951 Sep 06 18:42	19° M 08'05	1°02'51
minimum elong	6949 Apr 13 09:53	25° Y 30'29	9°06'35	max. Earth dist.	6951 Sep 07 13:05	20° M 04'40	1.73342 AU
morning rise	6949 Apr 16 01:00	23° Y 54'09			6951 Sep 15 14:23	0° E	
direct	6949 May 04 02:51	17° Y 40'17			6951 Oct 09 23:00	0° M	
greatest brilliancy	6949 May 13 12:25	19° Y 20'54	-4.9m	evening rise	6951 Oct 13 09:31	4° M 13'55	
	6949 Jun 01 00:13	0° B			6951 Nov 03 08:25	0° A	

	6951 Nov 27 19:19	0°♄		6954 Jul 18 12:29	0°♄	
desc. node	6951 Nov 28 09:35	0°♄43'40		6954 Aug 12 06:15	0°♄	
	6951 Dec 22 07:57	0°♄	asc. node	6954 Sep 05 05:01	29°♄10'04	
	6952 Jan 15 22:43	0°♄		6954 Sep 05 21:23	0°♄	
	6952 Feb 09 18:01	0°♄		6954 Sep 30 09:32	0°♄	
	6952 Mar 06 00:54	0°♄	morning set	6954 Oct 08 13:53	10°♄03'02	
asc. node	6952 Mar 20 09:49	16°♄31'38		6954 Oct 24 18:39	0°♄	
	6952 Apr 01 13:26	0°♄	max. Earth dist.	6954 Nov 12 04:50	22°♄45'07	1.73003 AU
evening max el	6952 Apr 14 23:50	14°♄05'48 46°55'15				
	6952 May 01 23:45	0°♄	superior conj	6954 Nov 14 02:25	25°♄06'04	1°19'12
greatest brilliancy	6952 May 24 21:13	14°♄46'40 -4.9m	minimum elong	6954 Nov 14 09:13	25°♄27'07	1°19'08
retrograde	6952 Jun 04 09:35	16°♄50'29		6954 Nov 18 01:27	0°♄	
evening set	6952 Jun 19 21:41	12°♄08'13		6954 Dec 12 06:51	0°♄	
inferior conj	6952 Jun 25 10:52	8°♄47'29 3°34'17	evening rise	6954 Dec 21 20:36	11°♄52'20	
minimum elong	6952 Jun 25 18:26	8°♄35'43 3°32'01	desc. node	6954 Dec 25 21:30	16°♄52'49	
min. Earth dist.	6952 Jun 25 06:28	8°♄54'20 0.27763 AU		6955 Jan 05 11:13	0°♄	
morning rise	6952 Jul 01 15:41	5°♄06'21		6955 Jan 29 14:39	0°♄	
desc. node	6952 Jul 10 02:54	1°♄39'23		6955 Feb 22 17:49	0°♄	
direct	6952 Jul 16 10:39	0°♄51'36		6955 Mar 18 22:58	0°♄	
greatest brilliancy	6952 Jul 26 05:56	2°♄36'56 -4.8m		6955 Apr 12 10:30	0°♄	
	6952 Sep 02 08:03	0°♄	asc. node	6955 Apr 17 21:32	6°♄36'59	
morning max el	6952 Sep 03 08:54	0°♄59'19 45°49'00		6955 May 07 11:29	0°♄	
	6952 Oct 01 11:50	0°♄		6955 Jun 02 15:15	0°♄	
	6952 Oct 28 04:42	0°♄	evening max el	6955 Jun 26 03:54	24°♄48'37 46°07'05	
asc. node	6952 Oct 31 03:02	3°♄23'15		6955 Jul 01 12:57	0°♄	
	6952 Nov 22 17:50	0°♄	greatest brilliancy	6955 Aug 03 14:21	23°♄48'00 -4.8m	
	6952 Dec 17 14:22	0°♄	desc. node	6955 Aug 07 14:48	25°♄06'04	
	6953 Jan 11 00:35	0°♄	retrograde	6955 Aug 14 16:37	26°♄02'46	
	6953 Feb 04 04:27	0°♄	evening set	6955 Aug 30 16:52	21°♄05'20	
desc. node	6953 Feb 19 19:22	19°♄30'48	min. Earth dist.	6955 Sep 04 15:15	18°♄06'14 0.28938 AU	
	6953 Feb 28 04:17	0°♄	inferior conj	6955 Sep 05 04:36	17°♄45'20 -6°10'14	
morning set	6953 Mar 02 11:07	2°♄51'55	minimum elong	6955 Sep 04 18:40	18°♄00'53 6°08'11	
	6953 Mar 24 01:37	0°♄	morning rise	6955 Sep 09 20:44	14°♄53'58	
			direct	6955 Sep 26 15:49	9°♄32'03	
superior conj	6953 Apr 12 12:46	24°♄29'05 -1°26'46	greatest brilliancy	6955 Oct 06 16:09	11°♄20'39 -4.7m	
minimum elong	6953 Apr 12 09:33	24°♄18'58 1°26'47		6955 Nov 04 04:39	0°♄	
max. Earth dist.	6953 Apr 13 15:59	25°♄54'38 1.71219 AU	morning max el	6955 Nov 14 13:10	9°♄31'54 45°47'07	
	6953 Apr 16 22:02	0°♄	asc. node	6955 Nov 28 14:57	23°♄45'04	
	6953 May 10 19:32	0°♄		6955 Dec 04 11:50	0°♄	
evening rise	6953 May 23 01:45	15°♄20'00		6955 Dec 31 04:38	0°♄	
	6953 Jun 03 20:04	0°♄		6956 Jan 25 12:25	0°♄	
asc. node	6953 Jun 12 19:11	11°♄08'16		6956 Feb 19 03:48	0°♄	
	6953 Jun 28 01:06	0°♄		6956 Mar 14 10:14	0°♄	
	6953 Jul 22 11:54	0°♄	desc. node	6956 Mar 19 07:16	6°♄03'49	
	6953 Aug 16 06:23	0°♄		6956 Apr 07 11:41	0°♄	
	6953 Sep 10 12:26	0°♄		6956 May 01 10:53	0°♄	
desc. node	6953 Oct 02 12:01	25°♄24'38	morning set	6956 May 17 19:33	20°♄28'59	
	6953 Oct 06 13:17	0°♄		6956 May 25 10:09	0°♄	
	6953 Nov 03 01:12	0°♄		6956 Jun 18 11:17	0°♄	
evening max el	6953 Nov 18 02:24	15°♄09'39 46°03'53				
	6953 Dec 04 15:58	0°♄	superior conj	6956 Jun 26 00:22	9°♄23'10 -0°33'42	
greatest brilliancy	6953 Dec 27 19:59	14°♄09'06 -4.8m	minimum elong	6956 Jun 26 07:52	9°♄46'28 0°33'25	
retrograde	6954 Jan 06 09:39	15°♄51'14	max. Earth dist.	6956 Jun 29 07:32	13°♄29'08 1.72387 AU	
evening set	6954 Jan 20 20:29	11°♄46'35	asc. node	6956 Jul 10 07:07	27°♄06'33	
asc. node	6954 Jan 23 12:35	10°♄17'10		6956 Jul 12 15:07	0°♄	
inferior conj	6954 Jan 27 03:50	8°♄05'46 0°56'01	evening rise	6956 Aug 03 04:12	26°♄37'41	
minimum elong	6954 Jan 27 01:41	8°♄09'04 0°55'23		6956 Aug 05 21:51	0°♄	
min. Earth dist.	6954 Jan 27 12:13	7°♄52'55 0.27083 AU		6956 Aug 30 07:39	0°♄	
morning rise	6954 Feb 02 06:12	4°♄29'49		6956 Sep 23 21:23	0°♄	
direct	6954 Feb 16 21:38	0°♄13'41		6956 Oct 18 16:39	0°♄	
greatest brilliancy	6954 Feb 27 11:35	2°♄19'47 -4.9m	desc. node	6956 Oct 29 23:46	13°♄32'56	
	6954 Apr 05 06:04	0°♄		6956 Nov 12 19:24	0°♄	
morning max el	6954 Apr 08 11:13	3°♄12'25 46°59'32		6956 Dec 08 08:37	0°♄	
	6954 May 03 09:58	0°♄		6957 Jan 03 16:09	0°♄	
desc. node	6954 May 15 05:23	13°♄27'01	evening max el	6957 Jan 29 22:18	28°♄00'02 46°53'37	
	6954 May 29 10:07	0°♄		6957 Jan 31 22:29	0°♄	
	6954 Jun 23 15:12	0°♄	asc. node	6957 Feb 20 00:14	17°♄13'04	

greatest brilliancy	6957 Mar 11 10:52	28° Υ 57'42	-4.9m		6959 Jul 28 08:20	0° Ω	
	6957 Mar 14 20:15	0° \mathcal{B}		morning set	6959 Jul 29 14:00	1° Ω 31'29	
retrograde	6957 Mar 21 10:02	0° \mathcal{B} 50'27		asc. node	6959 Aug 07 18:58	12° Ω 52'32	
	6957 Mar 27 18:59	30° $\mathcal{R}\Upsilon$			6959 Aug 21 16:26	0° \mathcal{M}	
evening set	6957 Apr 08 04:58	24° Υ 44'10					
min. Earth dist.	6957 Apr 10 16:55	23° Υ 12'40	0.27076 AU	superior conj	6959 Sep 04 21:42	17° \mathcal{M} 31'14	1°00'57
inferior conj	6957 Apr 11 01:02	23° Υ 00'11	9°03'44	minimum elong	6959 Sep 04 12:25	17° \mathcal{M} 02'38	1°00'36
minimum elong	6957 Apr 10 21:37	23° Υ 05'26	9°03'33	max. Earth dist.	6959 Sep 05 07:32	18° \mathcal{M} 01'28	1.73327 AU
morning rise	6957 Apr 13 14:22	21° Υ 26'34			6959 Sep 15 00:50	0° \mathcal{L}	
direct	6957 May 01 15:58	15° Υ 14'19			6959 Oct 09 09:30	0° \mathcal{M}	
greatest brilliancy	6957 May 11 00:20	16° Υ 54'03	-4.9m	evening rise	6959 Oct 11 03:24	2° \mathcal{M} 08'52	
	6957 Jun 01 14:58	0° \mathcal{B}			6959 Nov 02 19:06	0° \mathcal{X}	
desc. node	6957 Jun 11 17:08	8° \mathcal{B} 45'03		desc. node	6959 Nov 27 11:41	0° \mathcal{Z} 16'23	
morning max el	6957 Jun 20 18:31	17° \mathcal{B} 25'21	46°33'22		6959 Nov 27 06:20	0° \mathcal{Z}	
	6957 Jul 03 01:01	0° \mathcal{I}			6959 Dec 21 19:26	0° \approx	
	6957 Jul 30 07:45	0° \mathcal{G}			6960 Jan 15 10:51	0° \mathcal{H}	
	6957 Aug 25 08:35	0° Ω			6960 Feb 09 07:05	0° Υ	
	6957 Sep 19 18:41	0° \mathcal{M}			6960 Mar 05 15:37	0° \mathcal{B}	
asc. node	6957 Oct 02 16:56	15° \mathcal{M} 27'25		asc. node	6960 Mar 19 11:46	15° \mathcal{B} 51'05	
	6957 Oct 14 18:32	0° \mathcal{L}			6960 Apr 01 07:54	0° \mathcal{I}	
	6957 Nov 08 10:05	0° \mathcal{M}		evening max el	6960 Apr 12 12:46	11° \mathcal{I} 41'40	46°56'22
	6957 Dec 02 19:14	0° \mathcal{X}			6960 May 02 09:38	0° \mathcal{G}	
morning set	6957 Dec 16 13:03	17° \mathcal{X} 01'04		greatest brilliancy	6960 May 22 13:27	12° \mathcal{G} 29'35	-4.9m
	6957 Dec 26 23:57	0° \mathcal{Z}		retrograde	6960 Jun 01 23:52	14° \mathcal{G} 32'15	
	6958 Jan 20 01:38	0° \approx		evening set	6960 Jun 17 14:37	9° \mathcal{G} 46'38	
max. Earth dist.	6958 Jan 21 07:32	1° \approx 33'21	1.71813 AU	inferior conj	6960 Jun 23 01:17	6° \mathcal{G} 29'51	3°54'48
desc. node	6958 Jan 22 09:25	2° \approx 54'09		minimum elong	6960 Jun 23 09:26	6° \mathcal{G} 17'11	3°52'25
				min. Earth dist.	6960 Jun 22 21:49	6° \mathcal{G} 35'14	0.27731 AU
superior conj	6958 Jan 24 06:00	5° \approx 13'24	-0°04'32	morning rise	6960 Jun 29 04:38	2° \mathcal{G} 50'36	
minimum elong	6958 Jan 24 04:52	5° \approx 09'54	0°04'26		6960 Jul 05 13:04	30° $\mathcal{R}\mathcal{I}$	
behind sun begin	6958 Jan 23 04:38	3° \approx 54'09		desc. node	6960 Jul 09 04:58	29° \mathcal{I} 01'40	
behind sun end	6958 Jan 25 05:07	6° \approx 25'40		direct	6960 Jul 14 00:01	28° \mathcal{I} 34'12	
	6958 Feb 13 01:05	0° \mathcal{H}			6960 Jul 22 19:40	0° \mathcal{G}	
evening rise	6958 Mar 05 08:21	25° \mathcal{H} 27'54		greatest brilliancy	6960 Jul 23 20:39	0° \mathcal{G} 20'32	-4.8m
	6958 Mar 08 23:02	0° Υ		morning max el	6960 Aug 31 23:11	28° \mathcal{G} 44'14	45°50'08
	6958 Apr 01 20:56	0° \mathcal{B}			6960 Sep 02 06:40	0° Ω	
	6958 Apr 25 21:08	0° \mathcal{I}			6960 Oct 01 03:23	0° \mathcal{M}	
asc. node	6958 May 15 09:22	24° \mathcal{I} 11'12			6960 Oct 27 17:44	0° \mathcal{L}	
	6958 May 20 02:37	0° \mathcal{G}		asc. node	6960 Oct 30 05:05	2° \mathcal{L} 51'53	
	6958 Jun 13 16:51	0° Ω			6960 Nov 22 05:41	0° \mathcal{M}	
	6958 Jul 08 20:52	0° \mathcal{M}			6960 Dec 17 01:38	0° \mathcal{X}	
	6958 Aug 04 01:03	0° \mathcal{L}			6961 Jan 10 11:34	0° \mathcal{Z}	
	6958 Sep 01 10:20	0° \mathcal{M}			6961 Feb 03 15:19	0° \approx	
desc. node	6958 Sep 04 02:21	2° \mathcal{M} 36'07		desc. node	6961 Feb 18 21:16	19° \approx 02'52	
evening max el	6958 Sep 04 22:17	3° \mathcal{M} 24'06	45°37'27	morning set	6961 Feb 27 21:43	0° \mathcal{H} 20'43	
	6958 Oct 10 04:25	0° \mathcal{X}			6961 Feb 27 15:07	0° \mathcal{H}	
greatest brilliancy	6958 Oct 13 21:43	1° \mathcal{X} 26'52	-4.7m		6961 Mar 23 12:24	0° Υ	
retrograde	6958 Oct 23 13:46	3° \mathcal{X} 08'01					
	6958 Nov 05 06:33	30° $\mathcal{R}\mathcal{M}$		superior conj	6961 Apr 09 23:28	21° Υ 57'59	-1°26'09
evening set	6958 Nov 10 09:02	27° \mathcal{M} 12'51		minimum elong	6961 Apr 09 19:11	21° Υ 44'33	1°26'09
inferior conj	6958 Nov 13 22:57	25° \mathcal{M} 00'13	-8°01'58	max. Earth dist.	6961 Apr 10 19:30	23° Υ 00'59	1.71206 AU
minimum elong	6958 Nov 14 06:01	24° \mathcal{M} 49'07	8°01'09		6961 Apr 16 08:47	0° \mathcal{B}	
min. Earth dist.	6958 Nov 14 15:40	24° \mathcal{M} 33'59	0.28773 AU		6961 May 10 06:16	0° \mathcal{I}	
morning rise	6958 Nov 18 02:46	22° \mathcal{M} 26'16		evening rise	6961 May 20 13:14	12° \mathcal{I} 52'26	
direct	6958 Dec 05 10:22	16° \mathcal{M} 44'15			6961 Jun 03 06:50	0° \mathcal{G}	
greatest brilliancy	6958 Dec 16 10:57	18° \mathcal{M} 57'56	-4.8m	asc. node	6961 Jun 11 21:15	10° \mathcal{G} 41'13	
asc. node	6958 Dec 26 02:43	23° \mathcal{M} 56'22			6961 Jun 27 11:59	0° Ω	
	6959 Jan 03 15:58	0° \mathcal{X}			6961 Jul 21 23:01	0° \mathcal{M}	
morning max el	6959 Jan 24 09:53	18° \mathcal{X} 44'39	46°27'28		6961 Aug 15 17:58	0° \mathcal{L}	
	6959 Feb 04 06:56	0° \mathcal{Z}			6961 Sep 10 00:54	0° \mathcal{M}	
	6959 Mar 03 02:27	0° \approx		desc. node	6961 Oct 01 14:00	24° \mathcal{M} 50'56	
	6959 Mar 28 10:44	0° \mathcal{H}			6961 Oct 06 03:31	0° \mathcal{X}	
desc. node	6959 Apr 16 19:23	23° \mathcal{H} 28'36			6961 Nov 02 19:36	0° \mathcal{Z}	
	6959 Apr 22 03:22	0° Υ		evening max el	6961 Nov 15 16:25	12° \mathcal{Z} 52'58	46°02'20
	6959 May 16 12:33	0° \mathcal{B}			6961 Dec 05 03:47	0° \approx	
	6959 Jun 09 18:51	0° \mathcal{I}		greatest brilliancy	6961 Dec 25 08:47	11° \approx 47'31	-4.8m
	6959 Jul 04 01:04	0° \mathcal{G}		retrograde	6962 Jan 03 23:07	13° \approx 30'00	

evening set	6962 Jan 18 10:12	9° \approx 24'09		minimum elong	6964 Jun 23 22:25	7° \approx 29'16	0°36'44
asc. node	6962 Jan 22 14:28	7° \approx 00'53		max. Earth dist.	6964 Jun 27 01:09	11° \approx 21'31	1.72339 AU
inferior conj	6962 Jan 24 17:09	5° \approx 43'46	0°32'32	asc. node	6964 Jul 09 09:01	26° \approx 39'28	
minimum elong	6962 Jan 24 15:53	5° \approx 45'41	0°32'11		6964 Jul 12 01:46	0° Ω	
min. Earth dist.	6962 Jan 25 02:23	5° \approx 29'37	0.27126 AU	evening rise	6964 Jul 31 20:38	24° Ω 27'28	
morning rise	6962 Jan 30 20:57	2° \approx 06'08			6964 Aug 05 08:31	0° \cap	
	6962 Feb 04 05:59	30° \cap 3			6964 Aug 29 18:27	0° $\underline{\Omega}$	
direct	6962 Feb 14 11:54	27° \approx 50'49			6964 Sep 23 08:29	0° \cap	
greatest brilliancy	6962 Feb 25 02:34	29° \approx 58'11	-4.9m		6964 Oct 18 04:15	0° \approx	
	6962 Feb 25 04:27	0° \approx		desc. node	6964 Oct 29 01:52	13° \approx 03'36	
	6962 Apr 05 05:17	0° \cap			6964 Nov 12 07:50	0° \approx	
morning max el	6962 Apr 06 02:16	0° \cap 52'45	46°59'19		6964 Dec 07 22:26	0° \approx	
	6962 May 03 02:18	0° \cap			6965 Jan 03 08:43	0° \cap	
desc. node	6962 May 14 07:27	12° \cap 49'35		evening max el	6965 Jan 27 12:22	25° \cap 38'03	46°52'19
	6962 May 28 23:55	0° \approx			6965 Jan 31 22:34	0° \cap	
	6962 Jun 23 03:42	0° \cap		asc. node	6965 Feb 19 02:10	15° \cap 59'40	
	6962 Jul 18 00:10	0° \approx		greatest brilliancy	6965 Mar 09 00:05	26° \cap 32'26	-4.9m
	6962 Aug 11 17:24	0° Ω		retrograde	6965 Mar 18 22:53	28° \cap 24'35	
asc. node	6962 Sep 04 06:54	28° Ω 42'54		evening set	6965 Apr 05 14:53	22° \cap 23'38	
	6962 Sep 05 08:10	0° \cap		min. Earth dist.	6965 Apr 08 05:32	20° \cap 47'58	0.27056 AU
	6962 Sep 29 20:05	0° $\underline{\Omega}$		inferior conj	6965 Apr 08 13:58	20° \cap 34'57	8°59'49
morning set	6962 Oct 06 07:19	7° $\underline{\Omega}$ 56'43		minimum elong	6965 Apr 08 09:37	20° \cap 41'38	8°59'30
	6962 Oct 24 05:07	0° \cap		morning rise	6965 Apr 11 04:28	18° \cap 59'25	
max. Earth dist.	6962 Nov 10 01:05	20° \cap 46'59	1.73030 AU	direct	6965 Apr 29 04:53	12° \cap 49'31	
				greatest brilliancy	6965 May 08 13:03	14° \cap 28'48	-4.9m
superior conj	6962 Nov 11 19:33	22° \cap 58'15	1°20'24		6965 Jun 02 01:46	0° \approx	
minimum elong	6962 Nov 12 01:49	23° \cap 17'38	1°20'21	desc. node	6965 Jun 10 19:12	7° \approx 47'07	
	6962 Nov 17 11:56	0° \approx		morning max el	6965 Jun 18 07:06	15° \approx 00'56	46°34'48
	6962 Dec 11 17:25	0° \approx			6965 Jul 02 19:50	0° \cap	
evening rise	6962 Dec 19 11:46	9° \approx 37'35			6965 Jul 29 22:30	0° \approx	
desc. node	6962 Dec 24 23:32	16° \approx 26'04			6965 Aug 24 21:28	0° Ω	
	6963 Jan 04 21:58	0° \approx			6965 Sep 19 06:33	0° \cap	
	6963 Jan 29 01:38	0° \cap		asc. node	6965 Oct 01 19:02	14° \cap 59'09	
	6963 Feb 22 05:07	0° \cap			6965 Oct 14 05:48	0° $\underline{\Omega}$	
	6963 Mar 18 10:44	0° \approx			6965 Nov 07 21:01	0° \cap	
	6963 Apr 11 22:57	0° \cap			6965 Dec 02 06:00	0° \approx	
asc. node	6963 Apr 16 23:33	6° \cap 04'55		morning set	6965 Dec 14 04:39	14° \approx 47'18	
	6963 May 07 01:08	0° \approx			6965 Dec 26 10:41	0° \approx	
	6963 Jun 02 07:30	0° Ω		max. Earth dist.	6966 Jan 18 17:43	29° \approx 01'41	1.71856 AU
evening max el	6963 Jun 23 20:22	22° Ω 37'37	46°08'55	desc. node	6966 Jan 19 12:24	0° \approx	
	6963 Jul 01 13:29	0° \cap			6966 Jan 21 11:19	2° \approx 26'27	
greatest brilliancy	6963 Aug 01 05:49	21° \cap 37'13	-4.8m	superior conj	6966 Jan 21 18:59	2° \approx 50'25	-0°00'47
desc. node	6963 Aug 06 16:41	23° \cap 15'46		minimum elong	6966 Jan 21 18:48	2° \approx 49'50	0°00'43
retrograde	6963 Aug 12 09:25	23° \cap 52'49		behind sun begin	6966 Jan 20 17:56	1° \approx 32'11	
evening set	6963 Aug 28 06:28	18° \cap 59'20		behind sun end	6966 Jan 22 19:40	4° \approx 07'30	
inferior conj	6963 Sep 02 20:42	15° \cap 35'33	-5°56'08		6966 Feb 12 11:55	0° \cap	
minimum elong	6963 Sep 02 10:47	15° \cap 51'03	5°54'00	evening rise	6966 Mar 02 20:01	22° \cap 59'42	
min. Earth dist.	6963 Sep 02 06:29	15° \cap 57'47	0.28902 AU		6966 Mar 08 09:57	0° \cap	
morning rise	6963 Sep 07 15:29	12° \cap 40'31			6966 Apr 01 07:57	0° \approx	
direct	6963 Sep 24 08:15	7° \cap 23'01			6966 Apr 25 08:20	0° \cap	
greatest brilliancy	6963 Oct 04 06:41	9° \cap 10'21	-4.7m		6966 May 14 11:24	23° \cap 42'14	
	6963 Nov 04 07:10	0° $\underline{\Omega}$		asc. node	6966 May 19 14:07	0° \approx	
morning max el	6963 Nov 12 05:03	7° $\underline{\Omega}$ 22'01	45°46'18		6966 Jun 13 04:55	0° Ω	
asc. node	6963 Nov 27 16:58	23° $\underline{\Omega}$ 04'05			6966 Jul 08 09:59	0° \cap	
	6963 Dec 04 04:15	0° \cap			6966 Aug 03 16:20	0° $\underline{\Omega}$	
	6963 Dec 30 18:09	0° \approx			6966 Sep 01 07:43	0° \cap	
	6964 Jan 25 00:41	0° \approx			6966 Sep 02 12:12	1° \cap 08'45	45°37'36
	6964 Feb 18 15:25	0° \cap		evening max el	6966 Sep 03 04:25	1° \cap 47'34	
desc. node	6964 Mar 13 21:29	5° \cap 35'18		desc. node	6966 Oct 11 12:33	29° \cap 15'26	-4.7m
	6964 Apr 06 22:43	0° \cap		greatest brilliancy	6966 Oct 14 00:25	0° \approx	
	6964 Apr 30 21:48	0° \approx		retrograde	6966 Oct 21 04:45	0° \approx 57'08	
morning set	6964 May 15 07:49	18° \approx 03'20			6966 Oct 28 03:41	30° \cap 58'29	
	6964 May 24 20:58	0° \cap		evening set	6966 Nov 08 02:37	22° \cap 48'34	-8°08'54
	6964 Jun 17 21:59	0° \approx		inferior conj	6966 Nov 11 14:45	22° \cap 38'26	8°08'12
				minimum elong	6966 Nov 11 21:13	22° \cap 23'14	0.28820 AU
superior conj	6964 Jun 23 14:17	7° \approx 03'58	-0°37'02	min. Earth dist.	6966 Nov 12 06:55	22° \cap 23'14	0.28820 AU

morning rise	6966 Nov 15 15:34	20° \mathbb{M} 19'01		evening rise	6969 May 18 00:47	10° \mathbb{I} 24'00	
direct	6966 Dec 03 01:52	14° \mathbb{M} 31'58			6969 Jun 02 17:56	0° \mathfrak{G}	
greatest brilliancy	6966 Dec 14 03:07	16° \mathbb{M} 45'41	-4.8m	asc. node	6969 Jun 10 23:08	10° \mathfrak{G} 12'38	
asc. node	6966 Dec 25 04:40	22° \mathbb{M} 37'46			6969 Jun 26 23:11	0° Ω	
	6967 Jan 04 02:41	0° \mathbb{A}			6969 Jul 21 10:27	0° \mathbb{M}	
morning max el	6967 Jan 22 00:15	16° \mathbb{A} 25'57	46°25'52		6969 Aug 15 05:54	0° \mathfrak{L}	
	6967 Feb 04 01:20	0° \mathfrak{Z}			6969 Sep 09 13:49	0° \mathbb{M}	
	6967 Mar 02 17:07	0° \approx		desc. node	6969 Sep 30 16:04	24° \mathbb{M} 15'57	
	6967 Mar 27 23:49	0° \mathbb{X}			6969 Oct 05 18:23	0° \mathbb{A}	
desc. node	6967 Apr 15 21:25	22° \mathbb{X} 57'05			6969 Nov 02 15:04	0° \mathfrak{Z}	
	6967 Apr 21 15:35	0° \mathbb{Y}		evening max el	6969 Nov 13 07:18	10° \mathfrak{Z} 37'04	46°00'44
	6967 May 16 00:12	0° \mathfrak{B}			6969 Dec 05 20:31	0° \approx	
	6967 Jun 09 06:07	0° \mathbb{I}		greatest brilliancy	6969 Dec 22 21:37	9° \approx 24'43	-4.8m
	6967 Jul 03 12:04	0° \mathfrak{G}		retrograde	6970 Jan 01 12:37	11° \approx 07'14	
morning set	6967 Jul 27 06:15	29° \mathfrak{G} 20'10		evening set	6970 Jan 16 00:09	7° \approx 00'19	
	6967 Jul 27 19:09	0° Ω		asc. node	6970 Jan 21 16:25	3° \approx 41'51	
asc. node	6967 Aug 06 20:54	12° Ω 25'19		inferior conj	6970 Jan 22 06:24	3° \approx 20'26	0°08'58
	6967 Aug 21 03:10	0° \mathbb{M}		minimum elong	6970 Jan 22 06:04	3° \approx 20'58	0°08'54
				transit middle	6970 Jan 22 06:04	3° \approx 20'58	0°08'54
superior conj	6967 Sep 02 15:13	15° \mathbb{M} 24'23	0°58'37	transit begin	6970 Jan 22 02:37	3° \approx 26'14	
minimum elong	6967 Sep 02 05:56	14° \mathbb{M} 55'47	0°58'15	transit end	6970 Jan 22 09:30	3° \approx 15'42	
max. Earth dist.	6967 Sep 03 01:08	15° \mathbb{M} 54'57	1.73317 AU	min. Earth dist.	6970 Jan 22 16:21	3° \approx 05'12	0.27165 AU
	6967 Sep 14 11:32	0° \mathfrak{L}			6970 Jan 27 21:44	30° \mathbb{R} \mathfrak{Z}	
evening rise	6967 Oct 08 21:04	0° \mathbb{M} 02'25		morning rise	6970 Jan 28 11:26	29° \mathfrak{Z} 41'19	
	6967 Oct 08 20:16	0° \mathbb{M}		direct	6970 Feb 12 02:19	25° \mathfrak{Z} 26'57	
	6967 Nov 02 06:03	0° \mathbb{A}		greatest brilliancy	6970 Feb 22 16:54	27° \mathfrak{Z} 34'39	-4.9m
desc. node	6967 Nov 26 13:37	29° \mathbb{A} 47'48			6970 Feb 27 23:48	0° \approx	
	6967 Nov 26 17:36	0° \mathfrak{Z}		morning max el	6970 Apr 03 17:03	28° \approx 31'30	46°59'00
	6967 Dec 21 07:10	0° \approx			6970 Apr 05 03:57	0° \mathbb{X}	
	6968 Jan 14 23:15	0° \mathbb{X}			6970 May 02 18:42	0° \mathbb{Y}	
	6968 Feb 08 20:27	0° \mathbb{Y}		desc. node	6970 May 13 09:25	12° \mathbb{Y} 11'17	
	6968 Mar 05 06:45	0° \mathfrak{B}			6970 May 28 13:56	0° \mathfrak{B}	
asc. node	6968 Mar 18 13:52	15° \mathfrak{B} 09'54			6970 Jun 22 16:28	0° \mathbb{I}	
	6968 Apr 01 03:06	0° \mathbb{I}			6970 Jul 17 12:10	0° \mathfrak{G}	
evening max el	6968 Apr 10 02:09	9° \mathbb{I} 18'09	46°57'33		6970 Aug 11 04:51	0° Ω	
	6968 May 02 23:12	0° \mathfrak{G}		asc. node	6970 Sep 03 09:01	28° Ω 15'25	
greatest brilliancy	6968 May 20 05:06	10° \mathfrak{G} 11'25	-4.9m		6970 Sep 04 19:15	0° \mathbb{M}	
retrograde	6968 May 30 14:42	12° \mathfrak{G} 13'50			6970 Sep 29 06:58	0° \mathfrak{L}	
evening set	6968 Jun 15 07:45	7° \mathfrak{G} 24'25		morning set	6970 Oct 04 00:55	5° \mathfrak{L} 49'54	
inferior conj	6968 Jun 20 15:46	4° \mathfrak{G} 11'47	4°14'57		6970 Oct 23 15:57	0° \mathbb{M}	
minimum elong	6968 Jun 21 00:28	3° \mathfrak{G} 58'16	4°12'27	max. Earth dist.	6970 Nov 07 20:16	18° \mathbb{M} 44'26	1.73060 AU
min. Earth dist.	6968 Jun 20 12:52	4° \mathfrak{G} 16'16	0.27702 AU				
morning rise	6968 Jun 26 17:31	0° \mathfrak{G} 34'57		superior conj	6970 Nov 09 12:45	20° \mathbb{M} 49'29	1°21'30
	6968 Jun 27 19:50	30° \mathbb{R} \mathbb{I}		minimum elong	6970 Nov 09 18:25	21° \mathbb{M} 07'01	1°21'28
desc. node	6968 Jul 08 06:49	26° \mathbb{I} 29'13			6970 Nov 16 22:49	0° \mathbb{A}	
direct	6968 Jul 11 13:41	26° \mathbb{I} 16'17			6970 Dec 11 04:26	0° \mathfrak{Z}	
greatest brilliancy	6968 Jul 21 11:02	28° \mathbb{I} 03'27	-4.8m	evening rise	6970 Dec 17 02:46	7° \mathfrak{Z} 20'59	
	6968 Jul 26 03:59	0° \mathfrak{G}		desc. node	6970 Dec 24 01:26	15° \mathfrak{Z} 57'35	
morning max el	6968 Aug 29 14:21	26° \mathfrak{G} 30'33	45°51'09		6971 Jan 04 09:09	0° \approx	
	6968 Sep 02 04:38	0° Ω			6971 Jan 28 13:03	0° \mathbb{X}	
	6968 Sep 30 19:01	0° \mathbb{M}			6971 Feb 21 16:51	0° \mathbb{Y}	
	6968 Oct 27 07:01	0° \mathfrak{L}			6971 Mar 17 22:55	0° \mathfrak{B}	
asc. node	6968 Oct 29 07:04	2° \mathfrak{L} 19'24			6971 Apr 11 11:50	0° \mathbb{I}	
	6968 Nov 21 17:51	0° \mathbb{M}		asc. node	6971 Apr 16 01:33	5° \mathbb{I} 31'33	
	6968 Dec 16 13:13	0° \mathbb{A}			6971 May 06 15:16	0° \mathfrak{G}	
	6969 Jan 09 22:52	0° \mathfrak{Z}			6971 Jun 02 00:26	0° Ω	
	6969 Feb 03 02:29	0° \approx		evening max el	6971 Jun 21 12:48	20° Ω 25'16	46°10'39
desc. node	6969 Feb 17 23:15	18° \approx 34'21			6971 Jul 01 15:49	0° \mathbb{M}	
morning set	6969 Feb 25 08:29	27° \approx 49'14		greatest brilliancy	6971 Jul 29 22:04	19° \mathbb{M} 26'11	-4.8m
	6969 Feb 27 02:12	0° \mathbb{X}		desc. node	6971 Aug 05 18:47	21° \mathbb{M} 20'29	
	6969 Mar 22 23:27	0° \mathbb{Y}		retrograde	6971 Aug 10 01:52	21° \mathbb{M} 41'41	
				evening set	6971 Aug 25 20:15	16° \mathbb{M} 52'15	
superior conj	6969 Apr 07 10:09	19° \mathbb{Y} 25'50	-1°25'22	min. Earth dist.	6971 Aug 30 22:05	13° \mathbb{M} 47'55	0.28863 AU
minimum elong	6969 Apr 07 04:50	19° \mathbb{Y} 09'08	1°25'20	inferior conj	6971 Aug 31 12:48	13° \mathbb{M} 24'50	-5°41'24
max. Earth dist.	6969 Apr 08 01:43	20° \mathbb{Y} 14'48	1.71198 AU	minimum elong	6971 Aug 31 03:00	13° \mathbb{M} 40'12	5°39'13
	6969 Apr 15 19:49	0° \mathfrak{B}		morning rise	6971 Sep 05 10:12	10° \mathbb{M} 26'00	
	6969 May 09 17:19	0° \mathbb{I}		direct	6971 Sep 22 00:34	5° \mathbb{M} 13'12	

greatest brilliancy	6971 Oct 01 21:14	6° \cap 59'05	-4.7m		6974 Apr 24 19:46	0° Π	
	6971 Nov 04 08:39	0° $\underline{\Omega}$		asc. node	6974 May 13 13:17	23° Π 12'03	
morning max el	6971 Nov 09 19:56	5° $\underline{\Omega}$ 08'49	45°45'27		6974 May 19 01:52	0° $\underline{\Omega}$	
asc. node	6971 Nov 26 18:54	22° $\underline{\Omega}$ 22'28			6974 Jun 12 17:12	0° Ω	
	6971 Dec 03 20:43	0° \cap			6974 Jul 07 23:20	0° \cap	
	6971 Dec 30 07:57	0° \nearrow			6974 Aug 03 07:58	0° $\underline{\Omega}$	
	6972 Jan 24 13:19	0° $\overline{\Sigma}$		evening max el	6974 Aug 31 02:18	28° $\underline{\Omega}$ 53'36	45°37'53
	6972 Feb 18 03:26	0° \approx			6974 Sep 01 06:02	0° \cap	
	6972 Mar 13 09:08	0° \times		desc. node	6974 Sep 02 06:28	0° \cap 57'58	
desc. node	6972 Mar 17 11:25	5° \times 05'44		greatest brilliancy	6974 Oct 09 02:57	27° \cap 03'31	-4.7m
	6972 Apr 06 10:07	0° Υ		retrograde	6974 Oct 18 20:15	28° \cap 46'30	
	6972 Apr 30 09:01	0° \mathcal{B}		evening set	6974 Nov 05 20:04	22° \cap 44'27	
morning set	6972 May 12 19:51	15° \mathcal{B} 35'56		inferior conj	6974 Nov 09 06:37	20° \cap 37'04	-8°15'03
	6972 May 24 08:03	0° Π		minimum elong	6974 Nov 09 12:28	20° \cap 27'55	8°14'28
	6972 Jun 17 08:58	0° $\underline{\Omega}$		min. Earth dist.	6974 Nov 09 22:03	20° \cap 12'55	0.28864 AU
				morning rise	6974 Nov 13 04:37	18° \cap 11'50	
superior conj	6972 Jun 21 04:09	4° $\underline{\Omega}$ 43'40	-0°40'19	direct	6974 Nov 30 17:35	12° \cap 19'50	
minimum elong	6972 Jun 21 12:51	5° $\underline{\Omega}$ 10'46	0°40'00	greatest brilliancy	6974 Dec 11 19:14	14° \cap 33'44	-4.8m
max. Earth dist.	6972 Jun 24 18:41	9° $\underline{\Omega}$ 12'44	1.72289 AU	asc. node	6974 Dec 24 06:36	21° \cap 21'40	
asc. node	6972 Jul 08 11:00	26° $\underline{\Omega}$ 11'42			6975 Jan 04 10:28	0° \nearrow	
	6972 Jul 11 12:42	0° Ω		morning max el	6975 Jan 19 15:28	14° \nearrow 09'43	46°24'21
evening rise	6972 Jul 29 13:01	22° Ω 16'08			6975 Feb 03 19:15	0° $\overline{\Sigma}$	
	6972 Aug 04 19:29	0° \cap			6975 Mar 02 07:37	0° \approx	
	6972 Aug 29 05:33	0° $\underline{\Omega}$			6975 Mar 27 12:51	0° \times	
	6972 Sep 22 19:52	0° \cap		desc. node	6975 Apr 14 23:20	22° \times 25'05	
	6972 Oct 17 16:08	0° \nearrow			6975 Apr 21 03:49	0° Υ	
desc. node	6972 Oct 28 03:50	12° \nearrow 33'01			6975 May 15 11:55	0° \mathcal{B}	
	6972 Nov 11 20:35	0° $\overline{\Sigma}$			6975 Jun 08 17:27	0° Π	
	6972 Dec 07 12:43	0° \approx			6975 Jul 02 23:07	0° $\underline{\Omega}$	
	6973 Jan 03 02:01	0° \times		morning set	6975 Jul 24 22:13	27° $\underline{\Omega}$ 07'53	
evening max el	6973 Jan 25 01:22	23° \times 12'05	46°50'45		6975 Jul 27 05:59	0° Ω	
	6973 Feb 01 00:28	0° Υ		asc. node	6975 Aug 05 22:59	11° Ω 58'35	
asc. node	6973 Feb 18 04:17	14° Υ 42'42			6975 Aug 20 13:52	0° \cap	
greatest brilliancy	6973 Mar 06 13:40	24° Υ 05'39	-4.9m				
retrograde	6973 Mar 16 11:12	25° Υ 56'45		superior conj	6975 Aug 31 08:36	13° \cap 17'14	0°56'11
evening set	6973 Apr 03 00:05	20° Υ 01'49		minimum elong	6975 Aug 30 23:22	12° \cap 48'47	0°55'49
inferior conj	6973 Apr 06 02:41	18° Υ 07'52	8°54'44	max. Earth dist.	6975 Aug 31 20:21	13° \cap 53'27	1.73305 AU
minimum elong	6973 Apr 05 21:26	18° Υ 15'58	8°54'18		6975 Sep 13 22:12	0° $\underline{\Omega}$	
min. Earth dist.	6973 Apr 05 18:20	18° Υ 20'45	0.27034 AU	evening rise	6975 Oct 06 14:55	27° $\underline{\Omega}$ 56'44	
morning rise	6973 Apr 08 18:52	16° Υ 29'41			6975 Oct 08 07:00	0° \cap	
direct	6973 Apr 26 16:57	10° Υ 22'41			6975 Nov 01 16:59	0° \nearrow	
greatest brilliancy	6973 May 06 02:11	12° Υ 02'24	-4.9m	desc. node	6975 Nov 25 15:35	29° \nearrow 19'29	
	6973 Jun 02 10:11	0° \mathcal{B}			6975 Nov 26 04:50	0° $\overline{\Sigma}$	
desc. node	6973 Jun 09 21:08	6° \mathcal{B} 49'11			6975 Dec 20 18:51	0° \approx	
morning max el	6973 Jun 15 18:56	12° \mathcal{B} 33'33	46°36'24		6976 Jan 14 11:33	0° \times	
	6973 Jul 02 14:25	0° Π			6976 Feb 08 09:46	0° Υ	
	6973 Jul 29 13:15	0° $\underline{\Omega}$			6976 Mar 04 21:55	0° \mathcal{B}	
	6973 Aug 24 10:27	0° Ω		asc. node	6976 Mar 17 15:48	14° \mathcal{B} 28'10	
	6973 Sep 18 18:33	0° \cap			6976 Mar 31 22:45	0° Π	
asc. node	6973 Sep 30 20:58	14° \cap 29'53		evening max el	6976 Apr 07 16:18	6° Π 56'45	46°58'29
	6973 Oct 13 17:13	0° $\underline{\Omega}$			6976 May 03 17:28	0° $\underline{\Omega}$	
	6973 Nov 07 08:06	0° \cap		greatest brilliancy	6976 May 17 20:10	7° $\underline{\Omega}$ 52'10	-4.9m
	6973 Dec 01 16:56	0° \nearrow		retrograde	6976 May 28 05:49	9° $\underline{\Omega}$ 54'43	
morning set	6973 Dec 11 20:35	12° \nearrow 34'08		evening set	6976 Jun 13 00:49	5° $\underline{\Omega}$ 01'20	
	6973 Dec 25 21:33	0° $\overline{\Sigma}$		inferior conj	6976 Jun 18 06:01	1° $\underline{\Omega}$ 52'54	4°34'50
max. Earth dist.	6974 Jan 16 07:08	26° $\overline{\Sigma}$ 39'38	1.71904 AU	minimum elong	6976 Jun 18 15:13	1° $\underline{\Omega}$ 38'38	4°32'15
	6974 Jan 18 23:20	0° \approx		min. Earth dist.	6976 Jun 18 03:24	1° $\underline{\Omega}$ 56'57	0.27675 AU
					6976 Jun 21 07:44	30° \mathcal{R} Π	
superior conj	6974 Jan 19 08:09	0° \approx 27'33	0°02'59	morning rise	6976 Jun 24 05:58	28° Π 19'00	
minimum elong	6974 Jan 19 08:54	0° \approx 29'53	0°03'00	desc. node	6976 Jul 07 08:55	24° Π 01'30	
behind sun begin	6974 Jan 18 08:20	29° $\overline{\Sigma}$ 13'12		direct	6976 Jul 09 03:38	23° Π 57'42	
behind sun end	6974 Jan 20 09:27	1° \approx 46'33		greatest brilliancy	6976 Jul 19 00:42	25° Π 45'10	-4.8m
desc. node	6974 Jan 20 13:22	1° \approx 58'47			6976 Jul 28 02:04	0° $\underline{\Omega}$	
	6974 Feb 11 22:57	0° \times		morning max el	6976 Aug 27 06:03	24° $\underline{\Omega}$ 18'22	45°52'17
evening rise	6974 Feb 28 07:38	20° \times 30'46			6976 Sep 02 01:42	0° Ω	
	6974 Mar 07 21:06	0° Υ			6976 Sep 30 10:13	0° \cap	
	6974 Mar 31 19:13	0° \mathcal{B}			6976 Oct 26 19:59	0° $\underline{\Omega}$	

asc. node	6976 Oct 28 08:59	1°♌47'33			6979 Apr 11 00:19	0°♐	
	6976 Nov 21 05:44	0°♍		asc. node	6979 Apr 15 03:30	4°♐59'15	
	6976 Dec 16 00:34	0°♌			6979 May 06 05:02	0°♑	
	6977 Jan 09 09:56	0°♍			6979 Jun 01 17:08	0°♒	
	6977 Feb 02 13:24	0°♎		evening max el	6979 Jun 19 04:30	18°♒12'25	46°12'15
desc. node	6977 Feb 17 01:21	18°♎07'02			6979 Jul 01 19:04	0°♓	
morning set	6977 Feb 22 19:50	25°♎20'31		greatest brilliancy	6979 Jul 27 14:51	17°♓17'01	-4.8m
	6977 Feb 26 13:01	0°♎		desc. node	6979 Aug 04 20:48	19°♓22'16	
	6977 Mar 22 10:13	0°♏		retrograde	6979 Aug 07 17:55	19°♓31'52	
				evening set	6979 Aug 23 10:10	14°♓46'17	
superior conj	6977 Apr 04 21:08	16°♏55'32	-1°24'24	min. Earth dist.	6979 Aug 28 14:08	11°♓38'50	0.28825 AU
minimum elong	6977 Apr 04 14:50	16°♏35'44	1°24'21	inferior conj	6979 Aug 29 04:58	11°♓15'32	-5°26'06
max. Earth dist.	6977 Apr 05 11:06	17°♏39'27	1.71191 AU	minimum elong	6979 Aug 28 19:18	11°♓30'42	5°23'54
	6977 Apr 15 06:35	0°♏		morning rise	6979 Sep 03 04:53	8°♓12'49	
	6977 May 09 04:07	0°♐		direct	6979 Sep 19 16:24	3°♓04'40	
evening rise	6977 May 15 12:24	7°♐56'33		greatest brilliancy	6979 Sep 29 12:26	4°♓49'35	-4.7m
	6977 Jun 02 04:47	0°♑			6979 Nov 04 08:24	0°♑	
asc. node	6977 Jun 10 01:10	9°♑45'09		morning max el	6979 Nov 07 10:17	2°♑55'25	45°44'44
	6977 Jun 26 10:10	0°♒		asc. node	6979 Nov 25 20:56	21°♑42'45	
	6977 Jul 20 21:41	0°♓			6979 Dec 03 12:28	0°♒	
	6977 Aug 14 17:40	0°♑			6979 Dec 29 21:11	0°♌	
	6977 Sep 09 02:34	0°♍			6980 Jan 24 01:25	0°♍	
desc. node	6977 Sep 29 18:01	23°♍41'21			6980 Feb 17 14:57	0°♎	
	6977 Oct 05 09:08	0°♌		desc. node	6980 Mar 12 20:19	0°♎	
	6977 Nov 02 10:45	0°♍			6980 Mar 16 13:15	4°♎36'45	
evening max el	6977 Nov 10 22:28	8°♍23'01	45°59'09		6980 Apr 05 21:06	0°♏	
	6977 Dec 06 18:16	0°♎			6980 Apr 29 19:50	0°♏	
greatest brilliancy	6977 Dec 20 11:06	7°♎04'14	-4.8m	morning set	6980 May 10 07:54	13°♏09'48	
retrograde	6977 Dec 30 02:00	8°♎45'59			6980 May 23 18:43	0°♐	
evening set	6978 Jan 13 14:31	4°♎38'02			6980 Jun 16 19:31	0°♑	
inferior conj	6978 Jan 19 19:51	0°♎58'51	-0°14'31				
minimum elong	6978 Jan 19 20:25	0°♎57'59	0°14'16	superior conj	6980 Jun 18 18:13	2°♑25'22	-0°43'30
transit middle	6978 Jan 19 20:25	0°♎57'59	0°14'16	minimum elong	6980 Jun 19 03:28	2°♑54'07	0°43'10
transit begin	6978 Jan 19 18:20	1°♎01'11		max. Earth dist.	6980 Jun 22 10:45	7°♑00'42	1.72236 AU
transit end	6978 Jan 19 22:29	0°♎54'48		asc. node	6980 Jul 07 13:05	25°♑45'37	
min. Earth dist.	6978 Jan 20 06:42	0°♎42'12	0.27204 AU		6980 Jul 10 23:12	0°♒	
asc. node	6978 Jan 20 18:33	0°♎24'01		evening rise	6980 Jul 27 05:34	20°♒06'35	
	6978 Jan 21 10:16	30°♎♊			6980 Aug 04 06:01	0°♓	
morning rise	6978 Jan 26 01:48	27°♓18'14			6980 Aug 28 16:15	0°♑	
direct	6978 Feb 09 16:43	23°♓04'52			6980 Sep 22 06:52	0°♒	
greatest brilliancy	6978 Feb 20 07:25	25°♓12'39	-4.9m		6980 Oct 17 03:40	0°♌	
	6978 Mar 01 16:14	0°♎		desc. node	6980 Oct 27 05:46	12°♌03'22	
morning max el	6978 Apr 01 07:18	26°♎10'09	46°58'43		6980 Nov 11 09:01	0°♍	
	6978 Apr 05 01:14	0°♎			6980 Dec 07 02:44	0°♎	
	6978 May 02 10:21	0°♏			6981 Jan 02 19:13	0°♎	
desc. node	6978 May 12 11:23	11°♏34'40		evening max el	6981 Jan 22 13:46	20°♎46'09	46°49'18
	6978 May 28 03:23	0°♏			6981 Feb 01 03:17	0°♏	
	6978 Jun 22 04:45	0°♐		asc. node	6981 Feb 17 06:12	13°♏24'27	
	6978 Jul 16 23:44	0°♑		greatest brilliancy	6981 Mar 04 03:12	21°♏40'09	-4.9m
	6978 Aug 10 15:56	0°♒		retrograde	6981 Mar 13 23:33	23°♏30'37	
asc. node	6978 Sep 02 10:58	27°♒48'31		evening set	6981 Mar 31 08:59	17°♏41'49	
	6978 Sep 04 06:00	0°♓		inferior conj	6981 Apr 03 15:28	15°♏42'14	8°48'31
	6978 Sep 28 17:31	0°♑		minimum elong	6981 Apr 03 09:22	15°♏51'40	8°47'58
morning set	6978 Oct 01 18:23	3°♑43'48		min. Earth dist.	6981 Apr 03 07:17	15°♏54'52	0.27017 AU
	6978 Oct 23 02:24	0°♒		morning rise	6981 Apr 06 09:48	14°♏00'51	
max. Earth dist.	6978 Nov 05 14:04	16°♒38'51	1.73086 AU	direct	6981 Apr 24 04:55	7°♏56'54	
				greatest brilliancy	6981 May 03 15:43	9°♏37'41	-4.9m
superior conj	6978 Nov 07 05:59	18°♒42'06	1°22'27		6981 Jun 02 15:45	0°♏	
minimum elong	6978 Nov 07 11:01	18°♒57'40	1°22'26	desc. node	6981 Jun 08 23:11	5°♏53'56	
	6978 Nov 16 09:19	0°♌		morning max el	6981 Jun 13 07:36	10°♏09'11	46°38'07
	6978 Dec 10 15:02	0°♍			6981 Jul 02 08:07	0°♐	
evening rise	6978 Dec 14 17:52	5°♍06'04			6981 Jul 29 03:25	0°♑	
desc. node	6978 Dec 23 03:31	15°♍30'50			6981 Aug 23 22:57	0°♒	
	6979 Jan 03 19:57	0°♎			6981 Sep 18 06:07	0°♓	
	6979 Jan 28 00:06	0°♎		asc. node	6981 Sep 29 22:54	14°♓01'49	
	6979 Feb 21 04:14	0°♏			6981 Oct 13 04:16	0°♑	
	6979 Mar 17 10:44	0°♏			6981 Nov 06 18:51	0°♒	

	6981 Dec 01 03:33	0°♊		retrograde	6984 May 25 20:56	7°♊34'51	
morning set	6981 Dec 09 12:33	10°♊21'59		evening set	6984 Jun 10 17:52	2°♊37'30	
	6981 Dec 25 08:09	0°♊			6984 Jun 15 02:48	30°♊II	
max. Earth dist.	6982 Jan 13 22:12	24°♊23'43	1.71949 AU	inferior conj	6984 Jun 15 20:05	29°♊33'15	4°54'19
				minimum elong	6984 Jun 16 05:44	29°♊18'19	4°51'41
superior conj	6982 Jan 16 21:19	28°♊05'38	0°06'42	min. Earth dist.	6984 Jun 15 17:30	29°♊37'14	0.27648 AU
minimum elong	6982 Jan 16 22:58	28°♊10'46	0°06'40	morning rise	6984 Jun 21 17:59	26°♊02'31	
behind sun begin	6982 Jan 16 00:07	26°♊59'26		desc. node	6984 Jul 06 10:58	21°♊38'36	
behind sun end	6982 Jan 17 21:49	29°♊22'06		direct	6984 Jul 06 17:52	21°♊38'30	
	6982 Jan 18 09:58	0°♊		greatest brilliancy	6984 Jul 16 13:41	23°♊25'28	-4.8m
desc. node	6982 Jan 19 15:24	1°♊31'54			6984 Jul 29 09:29	0°♊	
	6982 Feb 11 09:40	0°♊		morning max el	6984 Aug 24 21:42	22°♊05'41	45°53'25
evening rise	6982 Feb 25 19:21	18°♊03'15			6984 Sep 01 22:09	0°♊	
	6982 Mar 07 07:56	0°♊			6984 Sep 30 01:17	0°♊	
	6982 Mar 31 06:13	0°♊			6984 Oct 26 08:54	0°♊	
	6982 Apr 24 06:58	0°♊		asc. node	6984 Oct 27 11:02	1°♊16'07	
asc. node	6982 May 12 15:20	22°♊43'04			6984 Nov 20 17:37	0°♊	
	6982 May 18 13:24	0°♊			6984 Dec 15 11:55	0°♊	
	6982 Jun 12 05:19	0°♊			6985 Jan 08 21:03	0°♊	
	6982 Jul 07 12:31	0°♊			6985 Feb 02 00:24	0°♊	
	6982 Aug 02 23:31	0°♊		desc. node	6985 Feb 16 03:14	17°♊38'34	
evening max el	6982 Aug 28 17:16	26°♊41'39	45°38'18	morning set	6985 Feb 20 06:59	22°♊50'49	
desc. node	6982 Sep 01 08:23	0°♊08'09			6985 Feb 25 23:59	0°♊	
	6982 Sep 01 04:54	0°♊			6985 Mar 21 21:09	0°♊	
greatest brilliancy	6982 Oct 06 16:41	24°♊52'06	-4.7m				
retrograde	6982 Oct 16 12:14	26°♊37'01		superior conj	6985 Apr 02 07:41	14°♊23'19	-1°23'15
evening set	6982 Nov 03 13:20	20°♊31'52		minimum elong	6985 Apr 02 00:29	14°♊00'39	1°23'10
inferior conj	6982 Nov 06 22:34	18°♊26'34	-8°20'21	max. Earth dist.	6985 Apr 02 19:00	14°♊58'53	1.71184 AU
minimum elong	6982 Nov 07 03:45	18°♊18'27	8°19'54		6985 Apr 14 17:31	0°♊	
min. Earth dist.	6982 Nov 07 12:51	18°♊04'13	0.28909 AU		6985 May 08 15:04	0°♊	
morning rise	6982 Nov 10 17:57	16°♊05'26		evening rise	6985 May 12 23:28	5°♊26'49	
direct	6982 Nov 28 09:54	10°♊08'46			6985 Jun 01 15:48	0°♊	
greatest brilliancy	6982 Dec 09 10:59	12°♊22'22	-4.8m	asc. node	6985 Jun 09 03:12	9°♊17'11	
asc. node	6982 Dec 23 08:43	20°♊08'50			6985 Jun 25 21:19	0°♊	
	6983 Jan 04 15:42	0°♊			6985 Jul 20 09:08	0°♊	
morning max el	6983 Jan 17 07:45	11°♊56'51	46°22'43		6985 Aug 14 05:41	0°♊	
	6983 Feb 03 12:36	0°♊			6985 Sep 08 15:37	0°♊	
	6983 Mar 01 21:48	0°♊		desc. node	6985 Sep 28 20:01	23°♊06'05	
	6983 Mar 27 01:38	0°♊			6985 Oct 05 00:17	0°♊	
desc. node	6983 Apr 14 01:22	21°♊54'10			6985 Nov 02 07:14	0°♊	
	6983 Apr 20 15:48	0°♊		evening max el	6985 Nov 08 13:12	6°♊07'34	45°57'38
	6983 May 14 23:24	0°♊			6985 Dec 08 00:30	0°♊	
	6983 Jun 08 04:36	0°♊		greatest brilliancy	6985 Dec 18 01:05	4°♊44'17	-4.8m
	6983 Jul 02 10:02	0°♊		retrograde	6985 Dec 27 14:50	6°♊24'42	
morning set	6983 Jul 22 14:09	24°♊55'42		evening set	6986 Jan 11 05:09	2°♊15'28	
	6983 Jul 26 16:43	0°♊			6986 Jan 15 03:25	30°♊♊	
asc. node	6983 Aug 05 00:54	11°♊31'38		inferior conj	6986 Jan 17 09:26	28°♊37'22	-0°37'41
	6983 Aug 20 00:28	0°♊		minimum elong	6986 Jan 17 10:53	28°♊35'09	0°37'09
				min. Earth dist.	6986 Jan 17 21:25	28°♊18'55	0.27248 AU
superior conj	6983 Aug 29 01:58	11°♊10'17	0°53'40	asc. node	6986 Jan 19 20:25	27°♊07'07	
minimum elong	6983 Aug 28 16:50	10°♊42'11	0°53'17	morning rise	6986 Jan 23 16:03	24°♊55'18	
max. Earth dist.	6983 Aug 29 16:54	11°♊56'20	1.73288 AU	direct	6986 Feb 07 06:52	20°♊42'44	
	6983 Sep 13 08:44	0°♊		greatest brilliancy	6986 Feb 17 22:33	22°♊50'59	-4.9m
evening rise	6983 Oct 04 08:55	25°♊51'52			6986 Mar 02 20:32	0°♊	
	6983 Oct 07 17:36	0°♊		morning max el	6986 Mar 29 20:39	23°♊45'37	46°58'10
	6983 Nov 01 03:47	0°♊			6986 Apr 04 22:08	0°♊	
desc. node	6983 Nov 24 17:41	28°♊51'49			6986 May 02 02:08	0°♊	
	6983 Nov 25 16:00	0°♊		desc. node	6986 May 11 13:26	10°♊57'29	
	6983 Dec 20 06:30	0°♊			6986 May 27 17:05	0°♊	
	6984 Jan 13 23:55	0°♊			6986 Jun 21 17:20	0°♊	
	6984 Feb 07 23:13	0°♊			6986 Jul 16 11:35	0°♊	
	6984 Mar 04 13:21	0°♊			6986 Aug 10 03:18	0°♊	
asc. node	6984 Mar 16 17:46	13°♊46'00		asc. node	6986 Sep 01 12:51	27°♊20'30	
	6984 Mar 31 19:04	0°♊			6986 Sep 03 17:02	0°♊	
evening max el	6984 Apr 05 07:13	4°♊37'15	46°59'27		6986 Sep 28 04:23	0°♊	
	6984 May 04 18:28	0°♊		morning set	6986 Sep 29 11:40	1°♊36'07	
greatest brilliancy	6984 May 15 10:54	5°♊32'17	-4.9m		6986 Oct 22 13:12	0°♊	

max. Earth dist.	6986 Nov 03 06:24	14° \mathbb{M} 27'45	1.73109 AU	direct	6989 Apr 21 17:15	5° Υ 30'28	
				greatest brilliancy	6989 May 01 05:04	7° Υ 12'15	-4.9m
superior conj	6986 Nov 04 23:18	16° \mathbb{M} 34'04	1°23'18		6989 Jun 02 19:44	0° \mathcal{B}	
minimum elong	6986 Nov 05 03:43	16° \mathbb{M} 47'39	1°23'18	desc. node	6989 Jun 08 01:12	4° \mathcal{B} 58'56	
	6986 Nov 15 20:08	0° \mathcal{A}		morning max el	6989 Jun 10 21:16	7° \mathcal{B} 46'21	46°39'37
	6986 Dec 10 01:57	0° \mathcal{B}			6989 Jul 02 01:49	0° \mathbb{I}	
evening rise	6986 Dec 12 09:11	2° \mathcal{B} 51'00			6989 Jul 28 17:52	0° \mathcal{E}	
desc. node	6986 Dec 22 05:29	15° \mathcal{B} 02'54			6989 Aug 23 11:50	0° \mathcal{Q}	
	6987 Jan 03 07:02	0° \approx			6989 Sep 17 18:07	0° \mathbb{P}	
	6987 Jan 27 11:27	0° \mathcal{H}		asc. node	6989 Sep 29 01:00	13° \mathbb{P} 32'58	
	6987 Feb 20 15:55	0° Υ			6989 Oct 12 15:42	0° \mathcal{L}	
	6987 Mar 16 22:55	0° \mathcal{B}			6989 Nov 06 05:59	0° \mathbb{M}	
	6987 Apr 10 13:17	0° \mathbb{I}			6989 Nov 30 14:32	0° \mathcal{A}	
asc. node	6987 Apr 14 05:32	4° \mathbb{I} 25'49		morning set	6989 Dec 07 04:23	8° \mathcal{A} 08'20	
	6987 May 05 19:25	0° \mathcal{E}			6989 Dec 24 19:07	0° \mathcal{B}	
	6987 Jun 01 10:46	0° \mathcal{Q}		max. Earth dist.	6990 Jan 11 13:32	22° \mathcal{B} 07'27	1.71992 AU
evening max el	6987 Jun 16 19:11	15° \mathcal{Q} 55'23	46°13'59				
	6987 Jul 02 00:57	0° \mathbb{P}		superior conj	6990 Jan 14 10:28	25° \mathcal{B} 42'27	0°10'23
greatest brilliancy	6987 Jul 25 07:36	15° \mathbb{P} 05'52	-4.8m	minimum elong	6990 Jan 14 13:00	25° \mathcal{B} 50'22	0°10'19
desc. node	6987 Aug 03 22:40	17° \mathbb{P} 17'41		behind sun begin	6990 Jan 13 17:43	24° \mathcal{B} 50'12	
retrograde	6987 Aug 05 09:34	17° \mathbb{P} 20'09		behind sun end	6990 Jan 15 08:16	26° \mathcal{B} 50'31	
evening set	6987 Aug 20 24:00	12° \mathbb{P} 37'59			6990 Jan 17 20:59	0° \approx	
inferior conj	6987 Aug 26 20:57	9° \mathbb{P} 04'22	-5°10'19	desc. node	6990 Jan 18 17:17	1° \approx 03'22	
minimum elong	6987 Aug 26 11:29	9° \mathbb{P} 19'15	5°08'04		6990 Feb 10 20:47	0° \mathcal{H}	
min. Earth dist.	6987 Aug 26 06:19	9° \mathbb{P} 27'22	0.28786 AU	evening rise	6990 Feb 23 07:15	15° \mathcal{H} 35'10	
morning rise	6987 Aug 31 23:22	5° \mathbb{P} 57'52			6990 Mar 06 19:07	0° Υ	
direct	6987 Sep 17 07:32	0° \mathbb{P} 54'02			6990 Mar 30 17:30	0° \mathcal{B}	
greatest brilliancy	6987 Sep 27 04:02	2° \mathbb{P} 38'49	-4.7m		6990 Apr 23 18:26	0° \mathbb{I}	
	6987 Nov 04 07:40	0° \mathcal{L}		asc. node	6990 May 11 17:22	22° \mathbb{I} 13'13	
morning max el	6987 Nov 05 00:25	0° \mathcal{L} 40'07	45°44'10		6990 May 18 01:13	0° \mathcal{E}	
asc. node	6987 Nov 24 22:57	21° \mathcal{L} 02'10			6990 Jun 11 17:45	0° \mathcal{Q}	
	6987 Dec 03 04:25	0° \mathbb{M}			6990 Jul 07 02:07	0° \mathbb{P}	
	6987 Dec 29 10:43	0° \mathcal{A}			6990 Aug 02 15:43	0° \mathcal{L}	
	6988 Jan 23 13:49	0° \mathcal{B}		evening max el	6990 Aug 26 09:07	24° \mathcal{L} 30'36	45°38'42
	6988 Feb 17 02:45	0° \approx		desc. node	6990 Aug 31 10:26	29° \mathcal{L} 16'28	
	6988 Mar 12 07:48	0° \mathcal{H}			6990 Sep 01 05:23	0° \mathbb{M}	
desc. node	6988 Mar 15 15:18	4° \mathcal{H} 07'30		greatest brilliancy	6990 Oct 04 06:13	22° \mathbb{M} 39'13	-4.7m
	6988 Apr 05 08:24	0° Υ		retrograde	6990 Oct 14 04:20	24° \mathbb{M} 26'01	
	6988 Apr 29 07:00	0° \mathcal{B}		evening set	6990 Nov 01 06:19	18° \mathbb{M} 18'22	
morning set	6988 May 07 19:42	10° \mathcal{B} 41'36		inferior conj	6990 Nov 04 14:25	16° \mathbb{M} 14'40	-8°24'57
	6988 May 23 05:46	0° \mathbb{I}		minimum elong	6990 Nov 04 18:54	16° \mathbb{M} 07'39	8°24'36
				min. Earth dist.	6990 Nov 05 03:15	15° \mathbb{M} 54'36	0.28950 AU
superior conj	6988 Jun 16 07:54	0° \mathcal{E} 04'23	-0°46'39	morning rise	6990 Nov 08 07:21	13° \mathbb{M} 57'21	
minimum elong	6988 Jun 16 17:38	0° \mathcal{E} 34'40	0°46'19	direct	6990 Nov 26 02:30	7° \mathbb{M} 56'36	
	6988 Jun 16 06:30	0° \mathcal{E}		greatest brilliancy	6990 Dec 07 01:58	10° \mathbb{M} 09'03	-4.8m
max. Earth dist.	6988 Jun 19 23:27	4° \mathcal{E} 36'48	1.72186 AU	asc. node	6990 Dec 22 10:37	18° \mathbb{M} 56'40	
asc. node	6988 Jul 06 14:58	25° \mathcal{E} 17'30			6991 Jan 04 19:33	0° \mathcal{A}	
	6988 Jul 10 10:09	0° \mathcal{Q}		morning max el	6991 Jan 15 00:12	9° \mathcal{A} 43'33	46°21'01
evening rise	6988 Jul 24 21:32	17° \mathcal{Q} 53'54			6991 Feb 03 05:56	0° \mathcal{B}	
	6988 Aug 03 17:01	0° \mathbb{P}			6991 Mar 01 12:09	0° \approx	
	6988 Aug 28 03:24	0° \mathcal{L}			6991 Mar 26 14:36	0° \mathcal{H}	
	6988 Sep 21 18:20	0° \mathbb{M}		desc. node	6991 Apr 13 03:23	21° \mathcal{H} 22'30	
	6988 Oct 16 15:42	0° \mathcal{A}			6991 Apr 20 04:00	0° Υ	
desc. node	6988 Oct 26 07:51	11° \mathcal{A} 32'44			6991 May 14 11:04	0° \mathcal{B}	
	6988 Nov 10 22:01	0° \mathcal{B}			6991 Jun 07 15:54	0° \mathbb{I}	
	6988 Dec 06 17:23	0° \approx			6991 Jul 01 21:04	0° \mathcal{E}	
	6989 Jan 02 13:17	0° \mathcal{H}		morning set	6991 Jul 20 06:21	22° \mathcal{E} 43'54	
evening max el	6989 Jan 20 02:27	18° \mathcal{H} 20'01	46°48'01		6991 Jul 26 03:35	0° \mathcal{Q}	
	6989 Feb 01 08:14	0° Υ		asc. node	6991 Aug 04 02:52	11° \mathcal{Q} 04'22	
asc. node	6989 Feb 16 08:10	12° Υ 02'57			6991 Aug 19 11:14	0° \mathbb{P}	
greatest brilliancy	6989 Mar 01 16:15	19° Υ 13'25	-4.9m				
retrograde	6989 Mar 11 12:24	21° Υ 04'06		superior conj	6991 Aug 26 19:19	9° \mathbb{P} 02'44	0°51'05
evening set	6989 Mar 28 17:42	15° Υ 21'22		minimum elong	6991 Aug 26 10:22	8° \mathbb{P} 35'08	0°50'41
inferior conj	6989 Apr 01 04:20	13° Υ 15'58	8°41'23	max. Earth dist.	6991 Aug 27 14:49	10° \mathbb{P} 02'48	1.73275 AU
minimum elong	6989 Mar 31 21:24	13° Υ 26'38	8°40'39		6991 Sep 12 19:29	0° \mathcal{L}	
min. Earth dist.	6989 Mar 31 20:04	13° Υ 28'42	0.27000 AU	evening rise	6991 Oct 02 02:48	23° \mathcal{L} 45'59	
morning rise	6989 Apr 04 01:08	11° Υ 31'03			6991 Oct 07 04:27	0° \mathbb{M}	

	6991 Oct 31 14:50	0°♊		6994 Apr 04 18:16	0°♋	
desc. node	6991 Nov 23 19:35	28°♊22'53		6994 May 01 17:35	0°♌	
	6991 Nov 25 03:24	0°♍	desc. node	6994 May 10 15:24	10°♌20'41	
	6991 Dec 19 18:25	0°♎		6994 May 27 06:34	0°♍	
	6992 Jan 13 12:33	0°♏		6994 Jun 21 05:43	0°♎	
	6992 Feb 07 12:59	0°♐		6994 Jul 15 23:16	0°♏	
	6992 Mar 04 05:15	0°♑		6994 Aug 09 14:28	0°♐	
asc. node	6992 Mar 15 19:51	13°♑03'06	asc. node	6994 Aug 31 14:59	26°♐53'49	
	6992 Mar 31 16:18	0°♒		6994 Sep 03 03:52	0°♑	
evening max el	6992 Apr 02 22:49	2°♒18'51 47°00'21	morning set	6994 Sep 27 05:16	29°♑30'05	
	6992 May 06 05:56	0°♓		6994 Sep 27 15:00	0°♒	
greatest brilliancy	6992 May 13 02:08	3°♓12'53 -4.9m		6994 Oct 21 23:46	0°♓	
retrograde	6992 May 23 12:02	5°♓14'49	max. Earth dist.	6994 Oct 31 24:00	12°♓21'17 1.73139 AU	
evening set	6992 Jun 08 11:11	0°♔				
	6992 Jun 08 20:46	30°♔	superior conj	6994 Nov 02 16:56	14°♓27'41 1°24'00	
inferior conj	6992 Jun 13 10:17	27°♔13'46 5°13'20	minimum elong	6994 Nov 02 20:41	14°♓39'16 1°24'02	
minimum elong	6992 Jun 13 20:17	26°♔58'16 5°10'40		6994 Nov 15 06:45	0°♊	
min. Earth dist.	6992 Jun 13 07:43	27°♔17'44 0.27615 AU		6994 Dec 09 12:42	0°♋	
morning rise	6992 Jun 19 05:51	23°♔46'21	evening rise	6994 Dec 10 00:42	0°♌37'08	
direct	6992 Jul 04 08:13	19°♔19'48	desc. node	6994 Dec 21 07:25	14°♌35'14	
desc. node	6992 Jul 05 12:48	19°♔21'28		6995 Jan 02 17:59	0°♍	
greatest brilliancy	6992 Jul 14 02:31	21°♔05'43 -4.8m		6995 Jan 26 22:41	0°♏	
	6992 Jul 30 07:58	0°♕		6995 Feb 20 03:31	0°♐	
morning max el	6992 Aug 22 12:46	19°♕51'41 45°54'29		6995 Mar 16 11:00	0°♑	
	6992 Sep 01 17:52	0°♒		6995 Apr 10 02:08	0°♒	
	6992 Sep 29 16:08	0°♓	asc. node	6995 Apr 13 07:31	3°♒52'42	
	6992 Oct 25 21:48	0°♔		6995 May 05 09:45	0°♓	
asc. node	6992 Oct 26 13:01	0°♔44'24		6995 Jun 01 04:34	0°♔	
	6992 Nov 20 05:33	0°♕	evening max el	6995 Jun 14 09:36	13°♕38'16 46°15'48	
	6992 Dec 14 23:21	0°♊		6995 Jul 02 08:50	0°♑	
	6993 Jan 08 08:14	0°♋	greatest brilliancy	6995 Jul 23 00:04	12°♑55'07 -4.8m	
	6993 Feb 01 11:27	0°♌	retrograde	6995 Aug 03 01:30	15°♑09'39	
desc. node	6993 Feb 15 05:15	17°♌10'26	desc. node	6995 Aug 03 00:47	15°♑09'38	
morning set	6993 Feb 17 18:09	20°♌21'05	evening set	6995 Aug 18 14:03	10°♑30'19	
	6993 Feb 25 10:58	0°♏	min. Earth dist.	6995 Aug 23 22:36	7°♑16'58 0.28744 AU	
	6993 Mar 21 08:08	0°♐	inferior conj	6995 Aug 24 13:02	6°♑54'20 -4°54'01	
			minimum elong	6995 Aug 24 03:49	7°♑08'47 4°51'46	
superior conj	6993 Mar 30 18:16	11°♐51'05 -1°21'56	morning rise	6995 Aug 29 17:55	3°♑44'17	
minimum elong	6993 Mar 30 10:13	11°♐25'45 1°21'49		6995 Sep 06 22:46	30°♑	
max. Earth dist.	6993 Mar 31 00:39	12°♐11'09 1.71180 AU	direct	6995 Sep 14 22:36	28°♑44'27	
	6993 Apr 14 04:31	0°♑		6995 Sep 23 06:26	0°♒	
	6993 May 08 02:05	0°♒	greatest brilliancy	6995 Sep 24 20:02	0°♒29'46 -4.7m	
evening rise	6993 May 10 10:31	2°♒56'42	morning max el	6995 Nov 02 15:09	28°♒27'33 45°43'43	
	6993 Jun 01 02:50	0°♓		6995 Nov 04 05:28	0°♓	
asc. node	6993 Jun 08 05:06	8°♓48'46	asc. node	6995 Nov 24 00:53	20°♓23'05	
	6993 Jun 25 08:27	0°♔		6995 Dec 02 19:42	0°♔	
	6993 Jul 19 20:32	0°♕		6995 Dec 28 23:47	0°♊	
	6993 Aug 13 17:37	0°♌		6996 Jan 23 01:53	0°♋	
	6993 Sep 08 04:39	0°♍		6996 Feb 16 14:19	0°♌	
desc. node	6993 Sep 27 22:04	22°♍30'58		6996 Mar 11 19:04	0°♏	
	6993 Oct 04 15:35	0°♎	desc. node	6996 Mar 14 17:22	3°♏38'58	
	6993 Nov 02 04:25	0°♏		6996 Apr 04 19:28	0°♐	
evening max el	6993 Nov 06 03:13	3°♏50'32 45°55'58		6996 Apr 28 17:54	0°♑	
	6993 Dec 09 20:38	0°♐	morning set	6996 May 05 07:07	8°♑12'51	
greatest brilliancy	6993 Dec 15 15:29	2°♐24'55 -4.8m		6996 May 22 16:33	0°♒	
retrograde	6993 Dec 25 03:18	4°♐03'54				
evening set	6994 Jan 08 20:00	29°♐52'51	superior conj	6996 Jun 13 21:20	27°♒43'27 -0°49'45	
	6994 Jan 08 14:38	30°♐	minimum elong	6996 Jun 14 07:29	28°♒15'04 0°49'24	
inferior conj	6994 Jan 14 23:07	26°♐16'20 -1°00'39		6996 Jun 15 17:11	0°♓	
minimum elong	6994 Jan 15 01:25	26°♐12'46 0°59'52	max. Earth dist.	6996 Jun 17 10:45	2°♓09'22 1.72137 AU	
min. Earth dist.	6994 Jan 15 12:30	25°♐55'41 0.27295 AU	asc. node	6996 Jul 05 16:58	24°♓50'36	
asc. node	6994 Jan 18 22:25	23°♐51'45		6996 Jul 09 20:49	0°♔	
morning rise	6994 Jan 21 06:10	22°♐33'06	evening rise	6996 Jul 22 13:28	15°♔41'58	
direct	6994 Feb 04 20:40	18°♐20'49		6996 Aug 03 03:44	0°♕	
greatest brilliancy	6994 Feb 15 14:20	20°♐30'25 -4.9m		6996 Aug 27 14:14	0°♌	
	6994 Mar 03 17:04	0°♑		6996 Sep 21 05:28	0°♍	
morning max el	6994 Mar 27 09:31	21°♑20'00 46°57'38		6996 Oct 16 03:23	0°♎	






























































































































desc. node	6996 Oct 25 09:48	11°♄02'53		6999 May 13 22:26	0°♄	
	6996 Nov 10 10:39	0°♄		6999 Jun 07 02:58	0°♄	
	6996 Dec 06 07:47	0°♄		6999 Jul 01 07:54	0°♄	
	6997 Jan 02 07:23	0°♄	morning set	6999 Jul 17 22:01	20°♄31'05	
evening max el	6997 Jan 17 15:51	15°♄56'45	46°46'26	6999 Jul 25 14:14	0°♄	
	6997 Feb 01 15:00	0°♄	asc. node	6999 Aug 03 04:56	10°♄38'03	
asc. node	6997 Feb 15 10:16	10°♄39'22		6999 Aug 18 21:45	0°♄	
greatest brilliancy	6997 Feb 27 04:28	16°♄45'54	-4.9m			
retrograde	6997 Mar 09 01:26	18°♄37'25		superior conj	6999 Aug 24 12:15	6°♄54'35 0°48'23
evening set	6997 Mar 26 01:54	13°♄00'55		minimum elong	6999 Aug 24 03:31	6°♄27'41 0°47'59
inferior conj	6997 Mar 29 16:55	10°♄49'22	8°33'05	max. Earth dist.	6999 Aug 25 12:38	8°♄09'44 1.73255 AU
minimum elong	6997 Mar 29 09:14	11°♄01'09	8°32'10		6999 Sep 12 05:58	0°♄
min. Earth dist.	6997 Mar 29 08:21	11°♄02'30	0.26986 AU	evening rise	6999 Sep 29 20:31	21°♄40'19
morning rise	6997 Apr 01 16:36	9°♄00'24			6999 Oct 06 15:02	0°♄
direct	6997 Apr 19 05:57	3°♄03'48			6999 Oct 31 01:39	0°♄
greatest brilliancy	6997 Apr 28 17:48	4°♄46'10	-4.9m	desc. node	6999 Nov 22 21:33	27°♄54'57
	6997 Jun 02 21:55	0°♄			6999 Nov 24 14:32	0°♄
desc. node	6997 Jun 07 03:08	4°♄05'24			6999 Dec 19 06:02	0°♄
morning max el	6997 Jun 08 11:26	5°♄25'20	46°41'09		7000 Jan 13 00:52	0°♄
	6997 Jul 01 18:51	0°♄			7000 Feb 07 02:27	0°♄
	6997 Jul 28 07:50	0°♄			7000 Mar 04 20:58	0°♄
	6997 Aug 23 00:17	0°♄		asc. node	7000 Mar 15 21:47	12°♄20'26
	6997 Sep 17 05:41	0°♄		evening max el	7000 Apr 01 13:38	29°♄59'20 47°00'53
asc. node	6997 Sep 28 02:55	13°♄04'45			7000 Apr 01 13:54	0°♄
	6997 Oct 12 02:45	0°♄			7000 May 09 12:12	0°♄
	6997 Nov 05 16:42	0°♄		greatest brilliancy	7000 May 11 17:39	0°♄54'05 -4.9m
	6997 Nov 30 01:06	0°♄		retrograde	7000 May 22 02:19	2°♄54'35
morning set	6997 Dec 04 20:50	5°♄57'58			7000 Jun 03 01:49	30°♄
	6997 Dec 24 05:39	0°♄		evening set	7000 Jun 07 04:25	27°♄49'54
max. Earth dist.	6998 Jan 09 05:34	19°♄54'48	1.72036 AU	inferior conj	7000 Jun 12 00:18	24°♄54'13 5°31'58
				minimum elong	7000 Jun 12 10:37	24°♄38'14 5°29'18
superior conj	6998 Jan 12 00:10	23°♄22'27	0°14'00	min. Earth dist.	7000 Jun 11 22:04	24°♄57'40 0.27588 AU
minimum elong	6998 Jan 12 03:33	23°♄32'59	0°13'54	morning rise	7000 Jun 17 17:14	21°♄30'10
behind sun begin	6998 Jan 11 14:51	22°♄53'24		direct	7000 Jul 02 22:09	17°♄00'51
behind sun end	6998 Jan 12 16:14	24°♄12'33		desc. node	7000 Jul 05 14:56	17°♄09'23
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desc. node	6998 Jan 17 19:22	0°♄36'43			7000 Aug 01 00:35	0°♄
	6998 Feb 10 07:30	0°♄		morning max el	7000 Aug 21 02:47	17°♄35'08 45°55'37
evening rise	6998 Feb 20 19:25	13°♄09'05			7000 Sep 02 12:54	0°♄
	6998 Mar 06 05:58	0°♄			7000 Sep 30 06:38	0°♄
	6998 Mar 30 04:30	0°♄			7000 Oct 26 10:24	0°♄
	6998 Apr 23 05:41	0°♄		asc. node	7000 Oct 26 14:56	0°♄13'14
asc. node	6998 May 10 19:15	21°♄43'38			7000 Nov 20 17:13	0°♄
	6998 May 17 12:49	0°♄			7000 Dec 15 10:33	0°♄
	6998 Jun 11 05:59	0°♄			7001 Jan 08 19:11	0°♄
	6998 Jul 06 15:33	0°♄			7001 Feb 01 22:16	0°♄
	6998 Aug 02 07:54	0°♄		desc. node	7001 Feb 15 07:18	16°♄43'10
evening max el	6998 Aug 24 01:25	22°♄21'32	45°39'11	morning set	7001 Feb 16 05:47	17°♄53'33
desc. node	6998 Aug 30 12:28	28°♄24'48			7001 Feb 25 21:42	0°♄
	6998 Sep 01 06:44	0°♄			7001 Mar 21 18:50	0°♄
greatest brilliancy	6998 Oct 01 20:15	20°♄28'10	-4.7m			
retrograde	6998 Oct 11 20:19	22°♄16'14		superior conj	7001 Mar 29 05:21	9°♄21'19 -1°20'28
evening set	6998 Oct 29 23:11	16°♄06'48		minimum elong	7001 Mar 28 20:30	8°♄53'30 1°20'18
inferior conj	6998 Nov 02 06:22	14°♄04'16	-8°28'57	max. Earth dist.	7001 Mar 29 04:39	9°♄19'06 1.71176 AU
minimum elong	6998 Nov 02 10:08	13°♄58'22	8°28'41		7001 Apr 14 15:13	0°♄
min. Earth dist.	6998 Nov 02 17:43	13°♄46'29	0.28983 AU	evening rise	7001 May 08 21:45	0°♄27'56
morning rise	6998 Nov 05 20:59	11°♄50'22			7001 May 08 12:49	0°♄
direct	6998 Nov 23 19:18	5°♄46'10			7001 Jun 01 13:40	0°♄
greatest brilliancy	6998 Dec 04 16:34	7°♄56'44	-4.8m	asc. node	7001 Jun 08 07:07	8°♄21'18
asc. node	6998 Dec 21 12:36	17°♄48'06			7001 Jun 25 19:27	0°♄
	6999 Jan 04 21:11	0°♄			7001 Jul 20 07:51	0°♄
morning max el	6999 Jan 12 16:02	7°♄30'22	46°19'22		7001 Aug 14 05:34	0°♄
	6999 Feb 02 22:24	0°♄			7001 Sep 08 17:45	0°♄
	6999 Mar 01 01:53	0°♄		desc. node	7001 Sep 28 00:00	21°♄55'29
	6999 Mar 26 03:06	0°♄			7001 Oct 05 07:03	0°♄
desc. node	6999 Apr 12 05:18	20°♄51'41			7001 Nov 03 02:20	0°♄
	6999 Apr 19 15:48	0°♄		evening max el	7001 Nov 04 16:10	1°♄31'13 45°54'29

	7001 Dec 13 22:59	0°♊		morning set	7004 May 03 18:34	5°♎43'49	
greatest brilliancy	7001 Dec 14 05:44	0°♊05'42	-4.8m		7004 May 23 03:26	0°♊	
retrograde	7001 Dec 23 15:54	1°♊43'40					
	7002 Jan 01 23:53	30°♎		superior conj	7004 Jun 12 10:56	25°♊22'36	-0°52'44
evening set	7002 Jan 07 10:57	27°♎30'07		minimum elong	7004 Jun 12 21:27	25°♊55'22	0°52'23
inferior conj	7002 Jan 13 12:45	23°♎55'36	-1°23'34	max. Earth dist.	7004 Jun 15 23:16	29°♊45'21	1.72086 AU
minimum elong	7002 Jan 13 15:54	23°♎50'44	1°22'30		7004 Jun 16 03:58	0°♎	
min. Earth dist.	7002 Jan 14 03:36	23°♎32'41	0.27343 AU	asc. node	7004 Jul 05 19:02	24°♎23'38	
asc. node	7002 Jan 19 00:32	20°♎38'33			7004 Jul 10 07:34	0°♎	
morning rise	7002 Jan 19 20:03	20°♎11'41		evening rise	7004 Jul 21 05:39	13°♎30'31	
direct	7002 Feb 03 10:14	15°♎58'57			7004 Aug 03 14:32	0°♎	
greatest brilliancy	7002 Feb 14 06:25	18°♎10'36	-4.9m		7004 Aug 28 01:14	0°♎	
	7002 Mar 05 08:11	0°♊			7004 Sep 21 16:49	0°♎	
morning max el	7002 Mar 25 22:46	18°♊55'48	46°57'21		7004 Oct 16 15:21	0°♎	
	7002 Apr 05 13:37	0°♎		desc. node	7004 Oct 25 11:45	10°♎32'09	
	7002 May 02 08:36	0°♎			7004 Nov 10 23:41	0°♎	
desc. node	7002 May 10 17:22	9°♎44'46			7004 Dec 06 22:41	0°♊	
	7002 May 27 19:44	0°♎			7005 Jan 03 02:17	0°♎	
	7002 Jun 21 17:52	0°♊		evening max el	7005 Jan 16 06:03	13°♎34'55	46°44'57
	7002 Jul 16 10:46	0°♎			7005 Feb 03 00:43	0°♎	
	7002 Aug 10 01:32	0°♎		asc. node	7005 Feb 15 12:10	9°♎11'52	
asc. node	7002 Aug 31 16:53	26°♎26'27		greatest brilliancy	7005 Feb 25 16:15	14°♎17'22	-4.9m
	7002 Sep 03 14:40	0°♎		retrograde	7005 Mar 07 14:45	16°♎09'55	
morning set	7002 Sep 25 22:29	27°♎22'44		evening set	7005 Mar 24 10:04	10°♎39'54	
	7002 Sep 28 01:40	0°♎		inferior conj	7005 Mar 28 05:28	8°♎21'56	8°23'47
	7002 Oct 22 10:22	0°♎		minimum elong	7005 Mar 27 21:06	8°♎34'45	8°22'41
max. Earth dist.	7002 Oct 30 18:22	10°♎17'07	1.73165 AU	min. Earth dist.	7005 Mar 27 20:22	8°♎35'53	0.26970 AU
				morning rise	7005 Mar 31 08:14	6°♎28'35	
superior conj	7002 Nov 01 10:15	12°♎20'16	1°24'36	direct	7005 Apr 17 19:03	0°♎36'35	
minimum elong	7002 Nov 01 13:19	12°♎29'42	1°24'38	greatest brilliancy	7005 Apr 27 06:04	2°♎18'44	-4.9m
	7002 Nov 15 17:23	0°♎			7005 Jun 03 23:01	0°♎	
evening rise	7002 Dec 08 16:05	28°♎22'55		morning max el	7005 Jun 07 01:48	3°♎04'09	46°42'40
	7002 Dec 09 23:28	0°♎		desc. node	7005 Jun 07 05:12	3°♎12'37	
desc. node	7002 Dec 21 09:28	14°♎07'54			7005 Jul 02 11:46	0°♊	
	7003 Jan 03 04:58	0°♊			7005 Jul 28 21:52	0°♎	
	7003 Jan 27 09:57	0°♎			7005 Aug 23 12:51	0°♎	
	7003 Feb 20 15:09	0°♎			7005 Sep 17 17:26	0°♎	
	7003 Mar 16 23:06	0°♎		asc. node	7005 Sep 28 04:51	12°♎36'00	
	7003 Apr 10 15:01	0°♊			7005 Oct 12 14:00	0°♎	
asc. node	7003 Apr 13 09:28	3°♊19'27			7005 Nov 06 03:42	0°♎	
	7003 May 06 00:09	0°♎			7005 Nov 30 12:00	0°♎	
	7003 Jun 01 22:41	0°♎		morning set	7005 Dec 03 13:10	3°♎46'16	
evening max el	7003 Jun 13 00:09	11°♎21'48	46°17'39		7005 Dec 24 16:34	0°♎	
	7003 Jul 03 19:29	0°♎		max. Earth dist.	7006 Jan 07 18:51	17°♎32'31	1.72078 AU
greatest brilliancy	7003 Jul 21 15:49	10°♎43'33	-4.8m				
retrograde	7003 Aug 01 17:47	12°♎59'07		superior conj	7006 Jan 10 13:44	21°♎00'56	0°17'37
desc. node	7003 Aug 03 02:46	12°♎56'51		minimum elong	7006 Jan 10 17:55	21°♎13'59	0°17'28
evening set	7003 Aug 17 04:12	8°♎22'06		desc. node	7006 Jan 17 21:23	0°♊08'45	
min. Earth dist.	7003 Aug 22 14:35	5°♎06'33	0.28709 AU		7006 Jan 17 18:34	0°♊	
inferior conj	7003 Aug 23 05:03	4°♎43'54	-4°37'04		7006 Feb 10 18:33	0°♎	
minimum elong	7003 Aug 22 20:09	4°♎57'51	4°34'51	evening rise	7006 Feb 19 07:19	10°♎41'12	
morning rise	7003 Aug 28 12:26	1°♎30'35			7006 Mar 06 17:08	0°♎	
	7003 Aug 31 08:02	30°♎			7006 Mar 30 15:50	0°♎	
direct	7003 Sep 13 13:53	26°♎34'19			7006 Apr 23 17:16	0°♊	
greatest brilliancy	7003 Sep 23 11:59	28°♎20'15	-4.7m	asc. node	7006 May 10 21:18	21°♊13'34	
	7003 Sep 27 15:47	0°♎			7006 May 18 00:47	0°♎	
morning max el	7003 Nov 01 06:48	26°♎16'42	45°43'14		7006 Jun 11 18:35	0°♎	
	7003 Nov 05 02:41	0°♎			7006 Jul 07 05:24	0°♎	
asc. node	7003 Nov 24 02:55	19°♎44'04			7006 Aug 03 00:39	0°♎	
	7003 Dec 03 10:57	0°♎		evening max el	7006 Aug 22 17:31	20°♎11'16	45°39'41
	7003 Dec 29 12:55	0°♎		desc. node	7006 Aug 30 14:24	27°♎31'16	
	7004 Jan 23 14:03	0°♎			7006 Sep 02 09:49	0°♎	
	7004 Feb 17 01:58	0°♊		greatest brilliancy	7006 Sep 30 10:51	18°♎17'21	-4.7m
	7004 Mar 12 06:26	0°♎		retrograde	7006 Oct 10 11:57	20°♎06'06	
desc. node	7004 Mar 14 19:12	3°♎09'20		evening set	7006 Oct 28 15:55	13°♎55'29	
	7004 Apr 05 06:39	0°♎		inferior conj	7006 Oct 31 22:29	11°♎53'35	-8°32'03
	7004 Apr 29 04:55	0°♎		minimum elong	7006 Nov 01 01:31	11°♎48'49	8°31'52

min. Earth dist.	7006 Nov 01 08:30	11° \mathbb{M} 37'51	0.29016 AU	evening rise	7009 May 06 08:26	27° \mathcal{B} 56'09	
morning rise	7006 Nov 04 11:02	9° \mathbb{M} 42'33			7009 May 07 23:59	0° \mathbb{I}	
direct	7006 Nov 22 12:09	3° \mathbb{M} 35'27			7009 Jun 01 00:52	0° \mathcal{B}	
greatest brilliancy	7006 Dec 03 07:26	5° \mathbb{M} 44'00	-4.8m	asc. node	7009 Jun 07 09:09	7° \mathcal{B} 52'42	
asc. node	7006 Dec 21 14:41	16° \mathbb{M} 40'35			7009 Jun 25 06:49	0° \mathcal{Q}	
	7007 Jan 05 22:03	0° \mathcal{A}			7009 Jul 19 19:33	0° \mathbb{M}	
morning max el	7007 Jan 11 07:05	5° \mathcal{A} 13'58	46°17'34		7009 Aug 13 17:53	0° \mathcal{A}	
	7007 Feb 03 15:06	0° \mathcal{B}			7009 Sep 08 07:14	0° \mathbb{M}	
	7007 Mar 01 15:59	0° \approx		desc. node	7009 Sep 27 02:02	21° \mathbb{M} 19'13	
	7007 Mar 26 15:58	0° \mathcal{H}			7009 Oct 04 23:01	0° \mathcal{A}	
desc. node	7007 Apr 12 07:22	20° \mathcal{H} 20'08		evening max el	7009 Nov 02 05:18	29° \mathcal{A} 12'09	45°53'12
	7007 Apr 20 03:57	0° \mathcal{Y}			7009 Nov 03 01:20	0° \mathcal{B}	
	7007 May 14 10:08	0° \mathcal{B}		greatest brilliancy	7009 Dec 11 19:41	27° \mathcal{B} 46'29	-4.8m
	7007 Jun 07 14:22	0° \mathbb{I}		retrograde	7009 Dec 21 05:18	29° \mathcal{B} 24'16	
	7007 Jul 01 19:04	0° \mathcal{B}		evening set	7010 Jan 05 02:22	25° \mathcal{B} 07'41	
morning set	7007 Jul 16 13:46	18° \mathcal{B} 17'21		inferior conj	7010 Jan 11 02:41	21° \mathcal{B} 35'23	-1°45'57
	7007 Jul 26 01:12	0° \mathcal{Q}		minimum elong	7010 Jan 11 06:40	21° \mathcal{B} 29'15	1°44'38
asc. node	7007 Aug 03 06:51	10° \mathcal{Q} 10'15		min. Earth dist.	7010 Jan 11 18:41	21° \mathcal{B} 10'46	0.27399 AU
	7007 Aug 19 08:35	0° \mathbb{M}		morning rise	7010 Jan 17 10:07	17° \mathcal{B} 51'20	
				asc. node	7010 Jan 18 02:23	17° \mathcal{B} 29'40	
superior conj	7007 Aug 23 05:26	4° \mathbb{M} 46'11	0°45'37	direct	7010 Feb 01 00:21	13° \mathcal{B} 37'34	
minimum elong	7007 Aug 22 20:59	4° \mathbb{M} 20'10	0°45'14	greatest brilliancy	7010 Feb 11 22:36	15° \mathcal{B} 51'10	-4.9m
max. Earth dist.	7007 Aug 24 09:18	6° \mathbb{M} 12'05	1.73229 AU		7010 Mar 05 19:38	0° \approx	
	7007 Sep 12 16:47	0° \mathcal{A}		morning max el	7010 Mar 23 13:05	16° \approx 33'37	46°56'42
evening rise	7007 Sep 28 14:34	19° \mathcal{A} 34'46			7010 Apr 05 08:46	0° \mathcal{H}	
	7007 Oct 07 01:56	0° \mathbb{M}			7010 May 01 23:50	0° \mathcal{Y}	
	7007 Oct 31 12:46	0° \mathcal{A}		desc. node	7010 May 09 19:26	9° \mathcal{Y} 08'16	
desc. node	7007 Nov 22 23:40	27° \mathcal{A} 26'27			7010 May 27 09:12	0° \mathcal{B}	
	7007 Nov 25 02:02	0° \mathcal{B}			7010 Jun 21 06:19	0° \mathbb{I}	
	7007 Dec 19 18:04	0° \approx			7010 Jul 15 22:33	0° \mathcal{B}	
	7008 Jan 13 13:42	0° \mathcal{H}			7010 Aug 09 12:52	0° \mathcal{Q}	
	7008 Feb 07 16:34	0° \mathcal{Y}		asc. node	7010 Aug 30 18:50	25° \mathcal{Q} 58'35	
	7008 Mar 04 13:31	0° \mathcal{B}			7010 Sep 03 01:41	0° \mathbb{M}	
asc. node	7008 Mar 14 23:45	11° \mathcal{B} 35'49		morning set	7010 Sep 23 15:47	25° \mathbb{M} 15'04	
evening max el	7008 Mar 30 03:25	27° \mathcal{B} 35'35	47°01'30		7010 Sep 27 12:31	0° \mathcal{A}	
	7008 Apr 01 13:00	0° \mathbb{I}			7010 Oct 21 21:09	0° \mathbb{M}	
greatest brilliancy	7008 May 09 09:36	28° \mathbb{I} 34'17	-4.9m	max. Earth dist.	7010 Oct 28 14:31	8° \mathbb{M} 17'52	1.73188 AU
	7008 May 14 08:27	0° \mathcal{B}					
retrograde	7008 May 19 16:07	0° \mathcal{B} 33'02		superior conj	7010 Oct 30 03:53	10° \mathbb{M} 13'13	1°25'04
	7008 May 24 20:53	30° \mathcal{R} \mathbb{I}		minimum elong	7010 Oct 30 06:15	10° \mathbb{M} 20'31	1°25'07
evening set	7008 Jun 04 21:44	25° \mathbb{I} 24'29			7010 Nov 15 04:11	0° \mathcal{A}	
inferior conj	7008 Jun 09 14:20	22° \mathbb{I} 33'28	5°49'59	evening rise	7010 Dec 06 07:59	26° \mathcal{A} 09'58	
minimum elong	7008 Jun 10 00:53	22° \mathbb{I} 17'06	5°47'21		7010 Dec 09 10:23	0° \mathcal{B}	
min. Earth dist.	7008 Jun 09 12:40	22° \mathbb{I} 36'04	0.27559 AU	desc. node	7010 Dec 20 11:28	13° \mathcal{B} 39'59	
morning rise	7008 Jun 15 04:24	19° \mathbb{I} 13'03			7011 Jan 02 16:05	0° \approx	
direct	7008 Jun 30 11:37	14° \mathbb{I} 40'35			7011 Jan 26 21:21	0° \mathcal{H}	
desc. node	7008 Jul 04 16:57	15° \mathbb{I} 01'10			7011 Feb 20 02:55	0° \mathcal{Y}	
greatest brilliancy	7008 Jul 10 05:24	16° \mathbb{I} 25'43	-4.8m		7011 Mar 16 11:25	0° \mathcal{B}	
	7008 Aug 01 13:28	0° \mathcal{B}			7011 Apr 10 04:13	0° \mathbb{I}	
morning max el	7008 Aug 18 16:12	15° \mathcal{B} 15'55	45°56'54	asc. node	7011 Apr 12 11:31	2° \mathbb{I} 45'41	
	7008 Sep 02 07:47	0° \mathcal{Q}			7011 May 05 15:03	0° \mathcal{B}	
	7008 Sep 29 21:16	0° \mathbb{M}			7011 Jun 01 17:40	0° \mathcal{Q}	
asc. node	7008 Oct 25 17:00	29° \mathbb{M} 41'45		evening max el	7011 Jun 10 15:26	9° \mathcal{Q} 06'07	46°19'33
	7008 Oct 25 23:14	0° \mathcal{A}			7011 Jul 04 10:29	0° \mathbb{M}	
	7008 Nov 20 05:09	0° \mathbb{M}		greatest brilliancy	7011 Jul 19 07:15	8° \mathbb{M} 30'29	-4.8m
	7008 Dec 14 22:01	0° \mathcal{A}		retrograde	7011 Jul 30 10:28	10° \mathbb{M} 47'17	
	7009 Jan 08 06:25	0° \mathcal{B}		desc. node	7011 Aug 02 04:40	10° \mathbb{M} 38'05	
	7009 Feb 01 09:24	0° \approx		evening set	7011 Aug 14 18:22	6° \mathbb{M} 12'30	
morning set	7009 Feb 13 17:23	15° \approx 24'46		inferior conj	7011 Aug 20 20:53	2° \mathbb{M} 32'14	-4°19'42
desc. node	7009 Feb 14 09:12	16° \approx 14'17		minimum elong	7011 Aug 20 12:20	2° \mathbb{M} 45'35	4°17'30
	7009 Feb 25 08:49	0° \mathcal{H}		min. Earth dist.	7011 Aug 20 06:07	2° \mathbb{M} 55'18	0.28668 AU
	7009 Mar 21 05:58	0° \mathcal{Y}			7011 Aug 25 00:14	30° \mathcal{R} \mathcal{Q}	
max. Earth dist.	7009 Mar 26 05:50	6° \mathcal{Y} 16'57	1.71180 AU	morning rise	7011 Aug 26 06:43	29° \mathcal{Q} 15'54	
				direct	7011 Sep 11 05:23	24° \mathcal{Q} 23'09	
superior conj	7009 Mar 26 16:01	6° \mathcal{Y} 48'56	-1°18'48	greatest brilliancy	7011 Sep 21 03:10	26° \mathcal{Q} 09'13	-4.7m
minimum elong	7009 Mar 26 06:28	6° \mathcal{Y} 18'54	1°18'37		7011 Sep 29 14:04	0° \mathbb{M}	
	7009 Apr 14 02:22	0° \mathcal{B}		morning max el	7011 Oct 29 22:55	24° \mathbb{M} 06'51	45°42'51

	7011 Nov 04 23:15	0°♌		7014 May 17 12:28	0°♏	
asc. node	7011 Nov 23 04:56	19°♌05'17		7014 Jun 11 06:57	0°♏	
	7011 Dec 03 02:01	0°♍		7014 Jul 06 19:07	0°♐	
	7011 Dec 29 01:58	0°♑		7014 Aug 02 17:32	0°♑	
	7012 Jan 23 02:08	0°♒	evening max el	7014 Aug 20 08:50	17°♑59'24	45°40'06
	7012 Feb 16 13:33	0°♓	desc. node	7014 Aug 29 16:28	26°♑37'21	
	7012 Mar 11 17:44	0°♈		7014 Sep 02 14:30	0°♍	
desc. node	7012 Mar 13 21:17	2°♈40'42	greatest brilliancy	7014 Sep 28 02:06	16°♍07'29	-4.7m
	7012 Apr 04 17:46	0°♐	retrograde	7014 Oct 08 03:15	17°♍56'22	
	7012 Apr 28 15:55	0°♑	evening set	7014 Oct 26 08:15	11°♍45'13	
morning set	7012 May 01 06:00	3°♑14'41	inferior conj	7014 Oct 29 14:34	9°♍43'31	-8°34'24
	7012 May 22 14:20	0°♒	minimum elong	7014 Oct 29 16:49	9°♍39'58	8°34'18
			min. Earth dist.	7014 Oct 29 23:34	9°♍29'22	0.29043 AU
superior conj	7012 Jun 10 00:06	23°♒00'07 -0°55'39	morning rise	7014 Nov 02 01:18	7°♍34'59	
minimum elong	7012 Jun 10 10:55	23°♒33'49 0°55'19	direct	7014 Nov 20 04:19	1°♍25'23	
max. Earth dist.	7012 Jun 13 12:32	27°♒23'19 1.72042 AU	greatest brilliancy	7014 Nov 30 22:39	3°♍32'25	-4.8m
	7012 Jun 15 14:50	0°♏	asc. node	7014 Dec 20 16:36	15°♍35'20	
asc. node	7012 Jul 04 20:55	23°♏55'52		7015 Jan 05 21:22	0°♑	
	7012 Jul 09 18:25	0°♏	morning max el	7015 Jan 08 21:12	2°♑56'16	46°15'53
evening rise	7012 Jul 18 21:17	11°♏17'03		7015 Feb 03 07:06	0°♒	
	7012 Aug 03 01:25	0°♐		7015 Mar 01 05:34	0°♓	
	7012 Aug 27 12:16	0°♑		7015 Mar 26 04:23	0°♈	
	7012 Sep 21 04:11	0°♍	desc. node	7015 Apr 11 09:21	19°♈49'35	
	7012 Oct 16 03:20	0°♑		7015 Apr 19 15:41	0°♐	
desc. node	7012 Oct 24 13:51	10°♑01'56		7015 May 13 21:25	0°♑	
	7012 Nov 10 12:44	0°♒		7015 Jun 07 01:20	0°♒	
	7012 Dec 06 13:40	0°♓		7015 Jul 01 05:48	0°♏	
evening max el	7013 Jan 02 21:32	0°♈	morning set	7015 Jul 14 05:38	16°♏05'10	
	7013 Jan 13 20:55	11°♈15'25 46°43'28		7015 Jul 25 11:46	0°♏	
	7013 Feb 03 13:18	0°♐	asc. node	7015 Aug 02 08:49	9°♏43'48	
asc. node	7013 Feb 14 14:11	7°♐42'30		7015 Aug 18 19:04	0°♐	
greatest brilliancy	7013 Feb 23 04:34	11°♐50'45 -4.9m				
retrograde	7013 Mar 05 04:10	13°♐43'42	superior conj	7015 Aug 20 22:36	2°♐38'50 0°42'48	
evening set	7013 Mar 21 18:29	8°♐20'35	minimum elong	7015 Aug 20 14:29	2°♐13'50 0°42'25	
inferior conj	7013 Mar 25 18:16	5°♐56'03 8°13'36	max. Earth dist.	7015 Aug 22 04:11	4°♐10'00 1.73208 AU	
minimum elong	7013 Mar 25 09:17	6°♐09'49 8°12'19		7015 Sep 12 03:17	0°♑	
min. Earth dist.	7013 Mar 25 08:41	6°♐10'45 0.26952 AU	evening rise	7015 Sep 26 08:26	17°♑29'37	
morning rise	7013 Mar 29 00:13	3°♐58'01		7015 Oct 06 12:33	0°♍	
	7013 Apr 05 22:35	30°♑♈		7015 Oct 30 23:37	0°♑	
direct	7013 Apr 15 08:28	28°♑11'09	desc. node	7015 Nov 22 01:34	26°♑58'17	
greatest brilliancy	7013 Apr 24 18:28	29°♑52'40 -4.9m		7015 Nov 24 13:13	0°♒	
	7013 Apr 25 02:50	0°♐		7015 Dec 19 05:47	0°♓	
	7013 Jun 03 22:37	0°♑		7016 Jan 13 02:13	0°♈	
morning max el	7013 Jun 04 15:32	0°♑42'05 46°43'51		7016 Feb 07 06:25	0°♐	
desc. node	7013 Jun 06 07:13	2°♑21'28		7016 Mar 04 05:56	0°♑	
	7013 Jul 02 04:11	0°♒	asc. node	7016 Mar 14 01:51	10°♑52'12	
	7013 Jul 28 11:39	0°♏	evening max el	7016 Mar 27 16:21	25°♑10'48 47°02'04	
	7013 Aug 23 01:18	0°♏		7016 Apr 01 12:38	0°♒	
	7013 Sep 17 05:03	0°♐	greatest brilliancy	7016 May 07 01:34	26°♒15'37 -4.9m	
asc. node	7013 Sep 27 06:57	12°♐08'00	retrograde	7016 May 17 05:57	28°♒12'55	
	7013 Oct 12 01:06	0°♑	evening set	7016 Jun 02 15:03	23°♒00'07	
	7013 Nov 05 14:30	0°♍	inferior conj	7016 Jun 07 04:23	20°♒14'01 6°07'21	
	7013 Nov 29 22:41	0°♑	minimum elong	7016 Jun 07 15:04	19°♒57'25 6°04'47	
morning set	7013 Dec 01 05:28	1°♑35'12	min. Earth dist.	7016 Jun 07 03:20	20°♒15'40 0.27532 AU	
	7013 Dec 24 03:15	0°♒	morning rise	7016 Jun 12 15:23	16°♒57'42	
max. Earth dist.	7014 Jan 05 06:53	15°♒07'11 1.72121 AU	direct	7016 Jun 28 00:41	12°♒21'26	
			desc. node	7016 Jul 03 18:48	12°♒59'10	
superior conj	7014 Jan 08 03:32	18°♒41'01 0°21'10	greatest brilliancy	7016 Jul 07 19:21	14°♒07'02 -4.8m	
minimum elong	7014 Jan 08 08:29	18°♒56'26 0°20'59		7016 Aug 01 22:22	0°♏	
desc. node	7014 Jan 16 23:16	29°♒41'06	morning max el	7016 Aug 16 05:45	12°♏58'14 45°58'15	
	7014 Jan 17 05:20	0°♓		7016 Sep 02 01:39	0°♏	
	7014 Feb 10 05:24	0°♈		7016 Sep 29 11:18	0°♐	
evening rise	7014 Feb 16 19:29	8°♈14'54	asc. node	7016 Oct 24 18:57	29°♐11'06	
	7014 Mar 06 04:04	0°♐		7016 Oct 25 11:37	0°♑	
	7014 Mar 30 02:54	0°♑		7016 Nov 19 16:42	0°♍	
	7014 Apr 23 04:33	0°♒		7016 Dec 14 09:08	0°♑	
asc. node	7014 May 09 23:20	20°♒44'21		7017 Jan 07 17:17	0°♒	




































































































































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morning set	2017 Feb 11 04:59	12°≈57'16		min. Earth dist.	2019 Aug 17 21:26	0°≈44'39	0.28624 AU
desc. node	2017 Feb 13 11:14	15°≈47'01		inferior conj	2019 Aug 18 12:37	0°≈20'58	-4°01'49
	2017 Feb 24 19:32	0°✕		minimum elong	2019 Aug 18 04:29	0°≈33'39	3°59'41
	2017 Mar 20 16:41	0°∴			2019 Aug 19 02:04	30°≈02	
max. Earth dist.	2017 Mar 23 10:01	3°∴25'26	1.71189 AU	morning rise	2019 Aug 24 00:50	27°≈01'41	
				direct	2019 Sep 08 21:14	22°≈12'37	
superior conj	2017 Mar 24 02:38	4°∴17'42	-1°16'59	greatest brilliancy	2019 Sep 18 17:38	23°≈58'01	-4.7m
minimum elong	2017 Mar 23 16:27	3°∴45'42	1°16'45		2019 Sep 30 20:48	0°≈	
	2017 Apr 13 13:07	0°✕		morning max el	2019 Oct 27 14:56	21°≈57'38	45°42'29
evening rise	2017 May 03 19:12	25°≈25'50			2019 Nov 04 18:50	0°≈	
	2017 May 07 10:45	0°∩		asc. node	2019 Nov 22 06:51	18°≈27'23	
	2017 May 31 11:42	0°☾			2019 Dec 02 16:37	0°≈	
asc. node	2017 Jun 06 11:03	7°☾24'54			2019 Dec 28 14:43	0°≈	
	2017 Jun 24 17:47	0°≈			2020 Jan 22 14:02	0°≈	
	2017 Jul 19 06:51	0°≈			2020 Feb 16 01:01	0°≈	
	2017 Aug 13 05:49	0°≈			2020 Mar 11 04:57	0°≈	
	2017 Sep 07 20:25	0°≈		desc. node	2020 Mar 12 23:20	2°≈12'09	
desc. node	2017 Sep 26 04:04	20°≈43'50			2020 Apr 04 04:47	0°∴	
	2017 Oct 04 14:53	0°≈			2020 Apr 28 02:47	0°✕	
evening max el	2017 Oct 30 19:04	26°≈55'38	45°51'50	morning set	2020 Apr 28 17:06	0°≈44'52	
	2017 Nov 03 01:03	0°≈			2020 May 22 01:06	0°∩	
greatest brilliancy	2017 Dec 09 09:00	25°≈27'12	-4.8m				
retrograde	2017 Dec 18 19:03	27°≈05'15		superior conj	2020 Jun 07 13:03	20°≈37'18	-0°58'30
evening set	2018 Jan 02 17:48	22°≈45'28		minimum elong	2020 Jun 08 00:05	21°≈11'42	0°58'10
inferior conj	2018 Jan 08 16:26	19°≈15'28	-2°08'08	max. Earth dist.	2020 Jun 11 03:51	25°≈08'01	1.71994 AU
minimum elong	2018 Jan 08 21:13	19°≈08'08	2°06'36		2020 Jun 15 01:32	0°☾	
min. Earth dist.	2018 Jan 09 09:16	18°≈49'36	0.27455 AU	asc. node	2020 Jul 03 22:56	23°☾28'57	
morning rise	2018 Jan 14 23:49	15°≈31'44			2020 Jul 09 05:07	0°≈	
asc. node	2018 Jan 17 04:24	14°≈24'16		evening rise	2020 Jul 16 12:48	9°≈03'37	
direct	2018 Jan 29 14:45	11°≈16'36			2020 Aug 02 12:11	0°≈	
greatest brilliancy	2018 Feb 09 14:02	13°≈31'36	-4.9m		2020 Aug 26 23:12	0°≈	
	2018 Mar 06 03:44	0°≈			2020 Sep 20 15:27	0°≈	
morning max el	2018 Mar 21 04:10	14°≈14'30	46°56'04		2020 Oct 15 15:15	0°≈	
	2018 Apr 05 03:01	0°✕		desc. node	2020 Oct 23 15:46	9°≈31'30	
	2018 May 01 14:27	0°∴			2020 Nov 10 01:46	0°≈	
desc. node	2018 May 08 21:23	8°∴32'48			2020 Dec 06 04:46	0°≈	
	2018 May 26 22:10	0°✕			2021 Jan 02 17:20	0°≈	
	2018 Jun 20 18:20	0°∩		evening max el	2021 Jan 11 11:15	8°≈54'35	46°41'39
	2018 Jul 15 09:57	0°☾			2021 Feb 04 06:21	0°∴	
	2018 Aug 08 23:49	0°≈		asc. node	2021 Feb 13 16:15	6°∴09'15	
asc. node	2018 Aug 29 20:55	25°≈32'14		greatest brilliancy	2021 Feb 20 17:15	9°∴23'49	-4.9m
	2018 Sep 02 12:21	0°≈		retrograde	2021 Mar 02 16:48	11°∴16'12	
morning set	2018 Sep 21 09:14	23°≈08'53		evening set	2021 Mar 19 02:37	6°∴00'17	
	2018 Sep 26 23:01	0°≈		inferior conj	2021 Mar 23 06:48	3°∴29'06	8°02'24
	2018 Oct 21 07:36	0°≈		minimum elong	2021 Mar 22 21:17	3°∴43'44	8°00'55
max. Earth dist.	2018 Oct 26 12:14	6°≈24'31	1.73213 AU	min. Earth dist.	2021 Mar 22 21:14	3°∴43'48	0.26936 AU
				morning rise	2021 Mar 26 16:05	1°∴25'58	
superior conj	2018 Oct 27 21:30	8°≈07'10	1°25'25		2021 Mar 29 04:47	30°≈02	
minimum elong	2018 Oct 27 23:10	8°≈12'20	1°25'28	direct	2021 Apr 12 21:16	25°≈44'34	
	2018 Nov 14 14:41	0°≈		greatest brilliancy	2021 Apr 22 07:13	27°≈25'51	-4.9m
evening rise	2018 Dec 03 23:48	23°≈57'32			2021 Apr 28 05:40	0°∴	
	2018 Dec 08 21:03	0°≈		morning max el	2021 Jun 02 04:06	28°∴16'29	46°45'10
desc. node	2018 Dec 19 13:24	13°≈12'39			2021 Jun 03 21:23	0°✕	
	2019 Jan 02 02:59	0°≈		desc. node	2021 Jun 05 09:09	1°≈30'35	
	2019 Jan 26 08:33	0°✕			2021 Jul 01 20:22	0°∩	
	2019 Feb 19 14:30	0°∴			2021 Jul 28 01:19	0°☾	
	2019 Mar 15 23:32	0°✕			2021 Aug 22 13:40	0°≈	
	2019 Apr 09 17:14	0°∩			2021 Sep 16 16:38	0°≈	
asc. node	2019 Apr 11 13:28	2°∩12'19		asc. node	2021 Sep 26 08:51	11°≈39'27	
	2019 May 05 05:50	0°☾			2021 Oct 11 12:13	0°≈	
	2019 Jun 01 12:52	0°≈			2021 Nov 05 01:20	0°≈	
evening max el	2019 Jun 08 07:29	6°≈53'07	46°21'26	morning set	2021 Nov 28 22:03	29°≈24'53	
	2019 Jul 05 06:13	0°≈			2021 Nov 29 09:24	0°≈	
greatest brilliancy	2019 Jul 16 22:48	6°≈18'10	-4.8m		2021 Dec 23 13:59	0°≈	
retrograde	2019 Jul 28 03:10	8°≈35'46		max. Earth dist.	2022 Jan 02 19:38	12°≈44'04	1.72166 AU
desc. node	2019 Aug 01 06:48	8°≈14'51					

superior conj	7022 Jan 05 17:43	16°  22'15	0°24'38	direct	7024 Jun 25 13:36	10°  00'24	
minimum elong	7022 Jan 05 23:23	16°  39'54	0°24'26	desc. node	7024 Jul 02 20:57	11°  00'31	
desc. node	7022 Jan 16 01:21	29°  13'57		greatest brilliancy	7024 Jul 05 09:15	11°  46'46	-4.8m
	7022 Jan 16 16:07	0° 			7024 Aug 02 05:22	0° 	
	7022 Feb 09 16:18	0° 		morning max el	7024 Aug 13 20:07	10°  41'06	45°59'42
evening rise	7022 Feb 14 07:49	5°  48'56			7024 Sep 01 19:34	0° 	
	7022 Mar 05 15:07	0° 			7024 Sep 29 01:34	0° 	
	7022 Mar 29 14:10	0° 		asc. node	7024 Oct 23 20:54	28°  39'37	
	7022 Apr 22 16:05	0° 			7024 Oct 25 00:15	0° 	
asc. node	7022 May 09 01:12	20°  14'00			7024 Nov 19 04:31	0° 	
	7022 May 17 00:23	0° 			7024 Dec 13 20:31	0° 	
	7022 Jun 10 19:34	0° 			7025 Jan 07 04:27	0° 	
	7022 Jul 06 09:08	0° 			7025 Jan 31 07:13	0° 	
	7022 Aug 02 10:56	0° 		morning set	7025 Feb 08 17:01	10°  30'16	
evening max el	7022 Aug 17 23:20	15°  45'08	45°40'43	desc. node	7025 Feb 12 13:16	15°  18'48	
desc. node	7022 Aug 28 18:28	25°  41'45			7025 Feb 24 06:33	0° 	
	7022 Sep 02 21:29	0° 			7025 Mar 20 03:41	0° 	
greatest brilliancy	7022 Sep 25 17:30	13°  57'26	-4.7m	max. Earth dist.	7025 Mar 20 18:00	0°  45'00	1.71196 AU
retrograde	7022 Oct 05 18:34	15°  46'40					
evening set	7022 Oct 24 00:20	9°  35'13		superior conj	7025 Mar 21 13:36	1°  46'38	-1°15'01
inferior conj	7022 Oct 27 06:44	7°  33'22	-8°36'06	minimum elong	7025 Mar 21 02:52	1°  12'55	1°14'44
minimum elong	7022 Oct 27 08:12	7°  31'05	8°36'01		7025 Apr 13 00:07	0° 	
min. Earth dist.	7022 Oct 27 14:58	7°  20'26	0.29068 AU	evening rise	7025 May 01 06:20	22°  55'46	
morning rise	7022 Oct 30 15:57	5°  26'58			7025 May 06 21:47	0° 	
	7022 Nov 11 16:38	30°  5'45			7025 May 30 22:50	0° 	
direct	7022 Nov 17 20:06	29°  14'59		asc. node	7025 Jun 05 13:06	6°  56'35	
	7022 Nov 24 03:47	0° 			7025 Jun 24 05:08	0° 	
greatest brilliancy	7022 Nov 28 14:28	1°  21'20	-4.8m		7025 Jul 18 18:34	0° 	
asc. node	7022 Dec 19 18:36	14°  31'34			7025 Aug 12 18:12	0° 	
	7023 Jan 05 19:51	0° 			7025 Sep 07 10:06	0° 	
morning max el	7023 Jan 06 11:21	0°  38'19	46°14'23	desc. node	7025 Sep 25 06:00	20°  36'44	
	7023 Feb 02 22:57	0° 			7025 Oct 04 07:25	0° 	
	7023 Feb 28 19:09	0° 		evening max el	7025 Oct 28 09:46	24°  40'35	45°50'38
	7023 Mar 25 16:53	0° 			7025 Nov 03 02:22	0° 	
desc. node	7023 Apr 10 11:16	19°  18'20		greatest brilliancy	7025 Dec 06 22:09	23°  07'22	-4.8m
	7023 Apr 19 03:35	0° 		retrograde	7025 Dec 16 09:04	24°  45'43	
	7023 May 13 08:57	0° 		evening set	7025 Dec 31 09:33	20°  32'46	
	7023 Jun 06 12:36	0° 		inferior conj	7026 Jan 06 06:20	16°  35'01	-2°30'01
	7023 Jun 30 16:50	0° 		minimum elong	7026 Jan 06 11:51	16°  34'31	2°28'16
morning set	7023 Jul 11 21:03	13°  50'36		min. Earth dist.	7026 Jan 06 23:41	16°  32'20	0.27511 AU
	7023 Jul 24 22:37	0° 		morning rise	7026 Jan 12 13:25	13°  31'49	
asc. node	7023 Aug 01 10:53	9°  16'49		asc. node	7026 Jan 16 06:30	11°  32'25	
	7023 Aug 18 05:48	0° 		direct	7026 Jan 27 05:46	8°  35'15	
				greatest brilliancy	7026 Feb 07 05:04	11°  31'047	-4.9m
superior conj	7023 Aug 18 15:29	0°  39'50	0°39'54		7026 Mar 06 09:54	0° 	
minimum elong	7023 Aug 18 07:44	0°  05'58	0°39'31	morning max el	7026 Mar 18 19:49	11°  35'58	46°55'26
max. Earth dist.	7023 Aug 19 21:42	2°  03'01	1.73182 AU		7026 Apr 04 21:11	0° 	
	7023 Sep 11 14:01	0° 			7026 May 01 05:11	0° 	
evening rise	7023 Sep 24 02:16	15°  23'43		desc. node	7026 May 07 23:21	7°  56'46	
	7023 Oct 05 23:24	0° 			7026 May 26 11:18	0° 	
	7023 Oct 30 10:43	0° 			7026 Jun 20 06:34	0° 	
desc. node	7023 Nov 21 03:32	26°  29'29			7026 Jul 14 21:35	0° 	
	7023 Nov 24 00:42	0° 			7026 Aug 08 11:05	0° 	
	7023 Dec 18 17:48	0° 		asc. node	7026 Aug 28 22:49	25°  04'12	
	7024 Jan 12 15:03	0° 			7026 Sep 01 23:22	0° 	
	7024 Feb 06 20:37	0° 		morning set	7026 Sep 19 02:37	21°  30'26	
	7024 Mar 03 22:53	0° 			7026 Sep 26 09:52	0° 	
asc. node	7024 Mar 13 03:46	10°  06'49			7026 Oct 20 18:23	0° 	
evening max el	7024 Mar 25 04:56	22°  44'29	47°02'29	max. Earth dist.	7026 Oct 24 09:16	4°  32'59	1.73231 AU
	7024 Apr 01 13:44	0° 					
greatest brilliancy	7024 May 04 16:54	23°  15'55	-4.9m	superior conj	7026 Oct 25 15:03	5°  35'52	1°25'39
retrograde	7024 May 14 19:54	25°  15'28		minimum elong	7026 Oct 25 16:01	6°  30'50	1°25'41
evening set	7024 May 31 08:17	20°  13'53			7026 Nov 14 01:31	0° 	
inferior conj	7024 Jun 04 18:18	17°  25'56	6°24'15	evening rise	7026 Dec 01 15:35	21°  34'06	
minimum elong	7024 Jun 05 05:04	17° 36'14	6°21'45		7026 Dec 08 08:02	0°	
min. Earth dist.	7024 Jun 04 17:44	17° 53'48	0.27512 AU	desc. node	7026 Dec 18 15:27	12° 34'44	
morning rise	7024 Jun 10 02:03	14° 41'13			7027 Jan 01 14:14	0°	

	7027 Jan 25 20:07	0° H			7029 Jul 01 12:28	0° II		
	7027 Feb 19 02:27	0° Y			7029 Jul 27 15:01	0° G		
	7027 Mar 15 12:02	0° B			7029 Aug 22 02:03	0° Q		
	7027 Apr 09 06:40	0° II			7029 Sep 16 04:15	0° P		
asc. node	7027 Apr 10 15:26	1° II 37'52		asc. node	7029 Sep 25 10:49	11° P 10'53		
	7027 May 04 21:05	0° G			7029 Oct 10 23:21	0° Q		
	7027 Jun 01 08:55	0° Q			7029 Nov 04 12:15	0° M		
evening max el	7027 Jun 05 23:56	4° Q 40'24 46°23'18		morning set	7029 Nov 26 14:38	27° M 14'15		
	7027 Jul 06 09:44	0° P			7029 Nov 28 20:14	0° X		
greatest brilliancy	7027 Jul 14 14:56	4° P 06'09 -4.8m			7029 Dec 23 00:50	0° Z		
retrograde	7027 Jul 25 19:46	6° P 23'41		max. Earth dist.	7029 Dec 31 08:58	10° Z 22'25 1.72213 AU		
desc. node	7027 Jul 31 08:44	5° P 46'23						
evening set	7027 Aug 09 23:22	1° P 53'35		superior conj	7030 Jan 03 07:56	14° Z 03'14 0°28'04		
	7027 Aug 13 05:04	30° R Q		minimum elong	7030 Jan 03 14:16	14° Z 23'00 0°27'50		
min. Earth dist.	7027 Aug 15 13:05	28° Q 33'20 0.28580 AU		desc. node	7030 Jan 15 03:20	28° Z 46'08		
inferior conj	7027 Aug 16 04:29	28° Q 09'18 -3°43'34			7030 Jan 16 03:02	0° \approx		
minimum elong	7027 Aug 15 20:50	28° Q 21'14 3°41'31			7030 Feb 09 03:18	0° H		
morning rise	7027 Aug 21 18:57	24° Q 47'00		evening rise	7030 Feb 11 20:09	3° H 22'51		
direct	7027 Sep 06 13:19	20° Q 01'49			7030 Mar 05 02:15	0° Y		
greatest brilliancy	7027 Sep 16 08:06	21° Q 46'04 -4.7m			7030 Mar 29 01:29	0° B		
	7027 Oct 01 19:15	0° P			7030 Apr 22 03:41	0° II		
morning max el	7027 Oct 25 06:36	19° P 46'42 45°42'02		asc. node	7030 May 08 03:17	19° II 43'58		
	7027 Nov 04 14:12	0° Q			7030 May 16 12:24	0° G		
asc. node	7027 Nov 21 08:54	17° Q 49'15			7030 Jun 10 08:19	0° Q		
	7027 Dec 02 07:21	0° M			7030 Jul 05 23:22	0° P		
	7027 Dec 28 03:40	0° X			7030 Aug 02 04:46	0° Q		
	7028 Jan 22 02:08	0° Z		evening max el	7030 Aug 15 13:39	13° Q 30'25 45°41'31		
	7028 Feb 15 12:41	0° \approx		desc. node	7030 Aug 27 20:24	24° Q 44'51		
	7028 Mar 10 16:22	0° H			7030 Sep 03 07:03	0° M		
desc. node	7028 Mar 12 01:09	1° H 42'15		greatest brilliancy	7030 Sep 23 08:23	11° M 47'07 -4.7m		
	7028 Apr 03 16:03	0° Y		retrograde	7030 Oct 03 10:16	13° M 37'35		
morning set	7028 Apr 26 04:11	28° Y 14'10		evening set	7030 Oct 21 16:10	7° M 26'04		
	7028 Apr 27 13:55	0° B		inferior conj	7030 Oct 24 23:00	5° M 23'42 -8°36'58		
	7028 May 21 12:07	0° II		minimum elong	7030 Oct 24 23:41	5° M 22'38 8°36'54		
				min. Earth dist.	7030 Oct 25 06:21	5° M 12'09 0.29094 AU		
superior conj	7028 Jun 05 02:06	18° II 13'58 -1°01'15		morning rise	7030 Oct 28 07:06	3° M 19'02		
minimum elong	7028 Jun 05 13:14	18° II 48'45 1°00'54			7030 Nov 03 08:26	30° R Q		
max. Earth dist.	7028 Jun 08 19:19	22° II 52'25 1.71942 AU		direct	7030 Nov 15 11:52	27° Q 04'58		
	7028 Jun 14 12:28	0° G		greatest brilliancy	7030 Nov 26 06:37	29° Q 11'11 -4.8m		
asc. node	7028 Jul 03 00:59	23° G 01'31			7030 Nov 28 07:08	0° M		
	7028 Jul 08 16:01	0° Q		asc. node	7030 Dec 18 20:40	13° M 29'39		
evening rise	7028 Jul 14 04:23	6° Q 49'40		morning max el	7031 Jan 04 02:19	28° M 22'36 46°12'47		
	7028 Aug 01 23:08	0° P			7031 Jan 05 17:27	0° X		
	7028 Aug 26 10:19	0° Q			7031 Feb 02 14:36	0° Z		
	7028 Sep 20 02:58	0° M			7031 Feb 28 08:40	0° \approx		
	7028 Oct 15 03:27	0° X			7031 Mar 25 05:21	0° H		
desc. node	7028 Oct 22 17:44	9° X 00'22		desc. node	7031 Apr 09 13:19	18° H 47'31		
	7028 Nov 09 15:09	0° Z			7031 Apr 18 15:27	0° Y		
	7028 Dec 05 20:20	0° \approx			7031 May 12 20:25	0° B		
	7029 Jan 02 14:01	0° H			7031 Jun 05 23:47	0° II		
evening max el	7029 Jan 09 00:50	6° H 31'21 46°39'52			7031 Jun 30 03:47	0° G		
	7029 Feb 05 05:39	0° Y		morning set	7031 Jul 09 12:13	11° G 35'17		
asc. node	7029 Feb 12 18:08	4° Y 31'47			7031 Jul 24 09:24	0° Q		
greatest brilliancy	7029 Feb 18 06:32	6° Y 57'12 -4.9m		asc. node	7031 Jul 31 12:46	8° Q 49'22		
retrograde	7029 Feb 28 05:01	8° Y 48'29						
evening set	7029 Mar 16 10:51	3° Y 39'39		superior conj	7031 Aug 16 08:15	28° Q 20'35 0°36'55		
inferior conj	7029 Mar 20 19:26	1° Y 02'02 7°50'14		minimum elong	7031 Aug 16 00:56	27° Q 57'59 0°36'33		
minimum elong	7029 Mar 20 09:28	1° Y 17'22 7°48'32		max. Earth dist.	7031 Aug 17 14:39	29° Q 54'19 1.73156 AU		
min. Earth dist.	7029 Mar 20 10:18	1° Y 16'04 0.26923 AU			7031 Aug 17 16:30	0° P		
	7029 Mar 22 11:52	30° R H			7031 Sep 11 00:42	0° Q		
morning rise	7029 Mar 24 08:10	28° H 53'35		evening rise	7031 Sep 21 20:14	13° Q 18'28		
direct	7029 Apr 10 09:33	23° H 17'35			7031 Oct 05 10:11	0° M		
greatest brilliancy	7029 Apr 19 20:47	24° H 59'25 -4.9m			7031 Oct 29 21:42	0° X		
	7029 Apr 30 02:13	0° Y		desc. node	7031 Nov 20 05:39	26° X 01'31		
morning max el	7029 May 30 16:13	25° Y 49'01 46°46'31			7031 Nov 23 12:04	0° Z		
	7029 Jun 03 19:28	0° B			7031 Dec 18 05:46	0° \approx		
desc. node	7029 Jun 04 11:13	0° B 40'24			7032 Jan 12 03:55	0° H		

	7032 Feb 06 10:57	0° Υ		morning set	7034 Sep 16 19:47	18° \mathbb{M} 54'18	
	7032 Mar 03 16:11	0° \mathcal{B}			7034 Sep 25 20:25	0° \mathcal{B}	
asc. node	7032 Mar 12 05:45	9° \mathcal{B} 21'01			7034 Oct 20 04:54	0° \mathbb{M}	
evening max el	7032 Mar 22 18:23	20° \mathcal{B} 20'28	47°03'00	max. Earth dist.	7034 Oct 22 04:35	2° \mathbb{M} 27'04	1.73248 AU
	7032 Apr 01 16:13	0° \mathbb{I}					
greatest brilliancy	7032 May 02 07:32	21° \mathbb{I} 33'24	-4.9m	superior conj	7034 Oct 23 08:37	3° \mathbb{M} 53'32	1°25'45
retrograde	7032 May 12 10:14	23° \mathbb{I} 29'58		minimum elong	7034 Oct 23 08:51	3° \mathbb{M} 54'15	1°25'48
evening set	7032 May 29 01:27	18° \mathbb{I} 07'21			7034 Nov 13 12:04	0° \mathcal{A}	
inferior conj	7032 Jun 02 08:04	15° \mathbb{I} 31'39	6°40'27	evening rise	7034 Nov 29 07:30	19° \mathcal{A} 32'01	
minimum elong	7032 Jun 02 18:52	15° \mathbb{I} 14'57	6°38'03		7034 Dec 07 18:43	0° \mathcal{B}	
min. Earth dist.	7032 Jun 02 07:38	15° \mathbb{I} 32'20	0.27491 AU	desc. node	7034 Dec 17 17:25	12° \mathcal{B} 17'31	
morning rise	7032 Jun 07 12:27	12° \mathbb{I} 25'01			7035 Jan 01 01:08	0° \approx	
direct	7032 Jun 23 02:51	7° \mathbb{I} 39'14			7035 Jan 25 07:18	0° \mathcal{H}	
desc. node	7032 Jul 01 22:55	9° \mathbb{I} 06'27			7035 Feb 18 14:02	0° Υ	
greatest brilliancy	7032 Jul 02 22:31	9° \mathbb{I} 26'01	-4.8m		7035 Mar 15 00:13	0° \mathcal{B}	
	7032 Aug 02 10:04	0° \mathcal{B}			7035 Apr 08 19:51	0° \mathbb{I}	
morning max el	7032 Aug 11 11:20	8° \mathcal{B} 26'25	46°01'07	asc. node	7035 Apr 09 17:28	1° \mathbb{I} 04'25	
	7032 Sep 01 12:53	0° \mathcal{Q}			7035 May 04 12:18	0° \mathcal{B}	
	7032 Sep 28 15:30	0° \mathbb{M}			7035 Jun 01 05:23	0° \mathcal{Q}	
asc. node	7032 Oct 22 22:56	28° \mathbb{M} 09'01		evening max el	7035 Jun 03 15:56	2° \mathcal{Q} 26'54	46°25'03
	7032 Oct 24 12:38	0° \mathcal{B}			7035 Jul 08 01:15	0° \mathbb{M}	
	7032 Nov 18 16:05	0° \mathbb{M}		greatest brilliancy	7035 Jul 12 07:37	1° \mathbb{M} 54'50	-4.8m
	7032 Dec 13 07:39	0° \mathcal{A}		retrograde	7035 Jul 23 11:44	4° \mathbb{M} 11'26	
	7033 Jan 06 15:22	0° \mathcal{B}		desc. node	7035 Jul 30 10:39	3° \mathbb{M} 12'50	
	7033 Jan 30 18:03	0° \approx			7035 Aug 07 02:05	30° \mathcal{R} \mathcal{Q}	
morning set	7033 Feb 06 05:15	8° \approx 04'34		evening set	7035 Aug 07 14:01	29° \mathcal{Q} 43'41	
desc. node	7033 Feb 11 15:09	14° \approx 50'47		min. Earth dist.	7035 Aug 13 04:55	26° \mathcal{Q} 21'33	0.28534 AU
	7033 Feb 23 17:23	0° \mathcal{H}		inferior conj	7035 Aug 13 20:09	25° \mathcal{Q} 57'44	-3°24'48
max. Earth dist.	7033 Mar 18 03:09	28° \mathcal{H} 08'41	1.71209 AU	minimum elong	7035 Aug 13 13:02	26° \mathcal{Q} 08'52	3°22'51
				morning rise	7035 Aug 19 12:43	22° \mathcal{Q} 32'22	
superior conj	7033 Mar 19 00:14	29° \mathcal{H} 15'00	-1°12'53	direct	7035 Sep 04 04:52	17° \mathcal{Q} 51'10	
minimum elong	7033 Mar 18 13:04	28° \mathcal{H} 39'53	1°12'34	greatest brilliancy	7035 Sep 13 22:44	19° \mathcal{Q} 34'30	-4.7m
	7033 Mar 19 14:33	0° Υ			7035 Oct 02 11:31	0° \mathbb{M}	
	7033 Apr 12 10:59	0° \mathcal{B}		morning max el	7035 Oct 22 21:11	17° \mathbb{M} 33'55	45°41'40
evening rise	7033 Apr 28 16:57	20° \mathcal{B} 24'29			7035 Nov 04 08:41	0° \mathcal{B}	
	7033 May 06 08:41	0° \mathbb{I}		asc. node	7035 Nov 20 10:53	17° \mathcal{B} 12'10	
	7033 May 30 09:48	0° \mathcal{B}			7035 Dec 01 21:35	0° \mathbb{M}	
asc. node	7033 Jun 04 15:06	6° \mathcal{B} 28'43			7035 Dec 27 16:13	0° \mathcal{A}	
	7033 Jun 23 16:17	0° \mathcal{Q}			7036 Jan 21 13:52	0° \mathcal{B}	
	7033 Jul 18 06:06	0° \mathbb{M}			7036 Feb 14 23:59	0° \approx	
	7033 Aug 12 06:27	0° \mathcal{B}			7036 Mar 10 03:23	0° \mathcal{H}	
	7033 Sep 06 23:42	0° \mathbb{M}		desc. node	7036 Mar 11 03:15	1° \mathcal{H} 14'28	
desc. node	7033 Sep 24 08:02	19° \mathbb{M} 30'16			7036 Apr 03 02:53	0° Υ	
	7033 Oct 04 00:00	0° \mathcal{A}		morning set	7036 Apr 23 15:19	25° Υ 44'53	
evening max el	7033 Oct 26 01:15	22° \mathcal{A} 28'24	45°49'31		7036 Apr 27 00:38	0° \mathcal{B}	
	7033 Nov 03 04:42	0° \mathcal{B}			7036 May 20 22:46	0° \mathbb{I}	
greatest brilliancy	7033 Dec 04 11:32	20° \mathcal{B} 49'19	-4.8m				
retrograde	7033 Dec 13 23:01	22° \mathcal{B} 27'36		superior conj	7036 Jun 02 15:00	15° \mathbb{I} 51'11	-1°03'52
evening set	7033 Dec 29 01:38	18° \mathcal{B} 01'39		minimum elong	7036 Jun 03 02:10	16° \mathbb{I} 26'05	1°03'34
inferior conj	7034 Jan 03 20:21	14° \mathcal{B} 36'12	-2°51'27	max. Earth dist.	7036 Jun 06 09:06	20° \mathbb{I} 32'30	1.71894 AU
minimum elong	7034 Jan 04 02:35	14° \mathcal{B} 26'36	2°49'30		7036 Jun 13 23:06	0° \mathcal{B}	
min. Earth dist.	7034 Jan 04 14:06	14° \mathcal{B} 08'50	0.27567 AU	asc. node	7036 Jul 02 02:52	22° \mathcal{B} 34'27	
morning rise	7034 Jan 10 02:52	10° \mathcal{B} 53'39			7036 Jul 08 02:38	0° \mathcal{Q}	
asc. node	7034 Jan 15 08:20	8° \mathcal{B} 27'00		evening rise	7036 Jul 11 19:27	4° \mathcal{Q} 34'56	
direct	7034 Jan 24 21:00	6° \mathcal{B} 35'48			7036 Aug 01 09:49	0° \mathbb{M}	
greatest brilliancy	7034 Feb 04 19:47	8° \mathcal{B} 51'05	-4.9m		7036 Aug 25 21:11	0° \mathcal{B}	
	7034 Mar 06 13:37	0° \approx			7036 Sep 19 14:14	0° \mathbb{M}	
morning max el	7034 Mar 16 10:54	9° \approx 37'06	46°54'27		7036 Oct 14 15:26	0° \mathcal{A}	
	7034 Apr 04 14:38	0° \mathcal{H}		desc. node	7036 Oct 21 19:50	8° \mathcal{A} 30'21	
	7034 Apr 30 19:32	0° Υ			7036 Nov 09 04:23	0° \mathcal{B}	
desc. node	7034 May 07 01:24	7° Υ 21'50			7036 Dec 05 11:52	0° \approx	
	7034 May 26 00:10	0° \mathcal{B}			7037 Jan 02 11:04	0° \mathcal{H}	
	7034 Jun 19 18:32	0° \mathbb{I}		evening max el	7037 Jan 06 13:43	4° \mathcal{H} 07'25	46°38'10
	7034 Jul 14 08:58	0° \mathcal{B}			7037 Feb 06 13:07	0° Υ	
	7034 Aug 07 22:03	0° \mathcal{Q}		asc. node	7037 Feb 11 20:10	2° Υ 51'59	
asc. node	7034 Aug 28 00:46	24° \mathcal{Q} 37'16		greatest brilliancy	7037 Feb 15 20:08	4° Υ 32'10	-4.9m
	7034 Sep 01 10:04	0° \mathbb{M}		retrograde	7037 Feb 25 17:13	6° Υ 22'29	

evening set	7037 Mar 13 19:16	1°Υ20'17		superior conj	7039 Aug 14 01:14	26°♁12'28	0°33'54
	7037 Mar 16 01:44	30°♂		minimum elong	7039 Aug 13 18:22	25°♁51'17	0°33'32
inferior conj	7037 Mar 18 08:12	28°♂36'40	7°37'10	max. Earth dist.	7039 Aug 15 09:54	27°♁53'12	1.73134 AU
minimum elong	7037 Mar 17 21:50	28°♂52'38	7°35'18		7039 Aug 17 03:00	0°♂	
min. Earth dist.	7037 Mar 17 23:44	28°♂49'42	0.26907 AU		7039 Sep 10 11:15	0°♂	
morning rise	7037 Mar 22 00:25	26°♂23'00		evening rise	7039 Sep 19 14:23	11°♂14'10	
direct	7037 Apr 07 21:39	20°♂52'05			7039 Oct 04 20:51	0°♂	
greatest brilliancy	7037 Apr 17 10:54	22°♂35'19	-4.9m		7039 Oct 29 08:38	0°♂	
	7037 May 01 07:51	0°Υ		desc. node	7039 Nov 19 07:32	25°♂32'59	
morning max el	7037 May 28 04:25	23°Υ23'03	46°47'48		7039 Nov 22 23:24	0°♂	
desc. node	7037 Jun 03 13:13	29°Υ52'14			7039 Dec 17 17:43	0°≈	
	7037 Jun 03 16:12	0°♂			7040 Jan 11 16:48	0°♂	
	7037 Jul 01 03:53	0°♂			7040 Feb 06 01:24	0°Υ	
	7037 Jul 27 04:15	0°♂			7040 Mar 03 09:50	0°♂	
	7037 Aug 21 14:07	0°♁		asc. node	7040 Mar 11 07:50	8°♂34'49	
	7037 Sep 15 15:35	0°♂		evening max el	7040 Mar 20 08:56	17°♂59'17	47°03'24
asc. node	7037 Sep 24 12:54	10°♂43'26			7040 Apr 01 20:17	0°♂	
	7037 Oct 10 10:15	0°♂		greatest brilliancy	7040 Apr 29 21:48	19°♂11'31	-4.9m
	7037 Nov 03 22:55	0°♂		retrograde	7040 May 10 00:58	21°♂08'25	
morning set	7037 Nov 24 07:05	25°♂04'00		evening set	7040 May 26 18:42	15°♂40'50	
	7037 Nov 28 06:49	0°♂		inferior conj	7040 May 30 21:49	13°♂10'21	6°55'58
	7037 Dec 22 11:26	0°♂		minimum elong	7040 May 31 08:34	12°♂53'45	6°53'42
max. Earth dist.	7037 Dec 29 00:28	8°♂08'17	1.72261 AU	min. Earth dist.	7040 May 30 21:11	13°♂11'20	0.27466 AU
				morning rise	7040 Jun 04 22:39	10°♂09'07	
superior conj	7037 Dec 31 22:08	11°♂45'01	0°31'27	direct	7040 Jun 20 16:36	5°♂18'18	
minimum elong	7038 Jan 01 05:07	12°♂06'43	0°31'12	greatest brilliancy	7040 Jun 30 11:09	7°♂04'44	-4.8m
desc. node	7038 Jan 14 05:15	28°♂18'48		desc. node	7040 Jul 01 00:49	7°♂16'53	
	7038 Jan 15 13:42	0°≈			7040 Aug 02 12:51	0°♂	
	7038 Feb 08 14:05	0°♂		morning max el	7040 Aug 09 02:57	6°♂13'04	46°02'37
evening rise	7038 Feb 09 08:39	0°♂58'05			7040 Sep 01 05:42	0°♁	
	7038 Mar 04 13:10	0°Υ			7040 Sep 28 05:12	0°♂	
	7038 Mar 28 12:34	0°♂		asc. node	7040 Oct 22 00:53	27°♂38'25	
	7038 Apr 21 15:00	0°♂			7040 Oct 24 00:55	0°♂	
asc. node	7038 May 07 05:16	19°♂14'40			7040 Nov 18 03:39	0°♂	
	7038 May 16 00:08	0°♂			7040 Dec 12 18:49	0°♂	
	7038 Jun 09 20:49	0°♁			7041 Jan 06 02:21	0°♂	
	7038 Jul 05 13:26	0°♂			7041 Jan 30 04:57	0°≈	
	7038 Aug 01 22:47	0°♂		morning set	7041 Feb 03 17:35	5°≈39'08	
evening max el	7038 Aug 13 04:27	11°♂17'34	45°42'15	desc. node	7041 Feb 10 17:14	14°≈23'11	
desc. node	7038 Aug 26 22:30	23°♂47'30			7041 Feb 23 04:16	0°♂	
	7038 Sep 03 19:45	0°♂		max. Earth dist.	7041 Mar 15 12:07	25°♂31'39	1.71221 AU
greatest brilliancy	7038 Sep 20 22:42	9°♂36'35	-4.7m				
retrograde	7038 Oct 01 02:24	11°♂29'00		superior conj	7041 Mar 16 10:51	26°♂43'10	-1°10'35
evening set	7038 Oct 19 07:35	5°♂17'48		minimum elong	7041 Mar 15 23:22	26°♂07'03	1°10'15
inferior conj	7038 Oct 22 15:15	3°♂14'23	-8°36'57		7041 Mar 19 01:28	0°Υ	
minimum elong	7038 Oct 22 15:09	3°♂14'32	8°36'55		7041 Apr 11 21:56	0°♂	
min. Earth dist.	7038 Oct 22 21:28	3°♂04'37	0.29119 AU	evening rise	7041 Apr 26 03:33	17°♂52'46	
morning rise	7038 Oct 25 22:36	1°♂11'01			7041 May 05 19:41	0°♂	
	7038 Oct 27 22:29	30°♂			7041 May 29 20:54	0°♂	
direct	7038 Nov 13 04:00	24°♂55'19		asc. node	7041 Jun 03 17:00	6°♂00'08	
greatest brilliancy	7038 Nov 23 22:36	27°♂01'26	-4.8m		7041 Jun 23 03:34	0°♁	
	7038 Nov 30 09:31	0°♂			7041 Jul 17 17:45	0°♂	
asc. node	7038 Dec 17 22:34	12°♂29'17			7041 Aug 11 18:47	0°♂	
morning max el	7039 Jan 01 18:05	26°♂09'31	46°11'12		7041 Sep 06 13:27	0°♂	
	7039 Jan 05 14:05	0°♂		desc. node	7041 Sep 23 10:05	18°♂53'22	
	7039 Feb 02 05:50	0°♂			7041 Oct 03 17:00	0°♂	
	7039 Feb 27 21:55	0°≈		evening max el	7041 Oct 23 16:35	20°♂15'34	45°48'11
	7039 Mar 24 17:36	0°♂			7041 Nov 03 08:49	0°♂	
desc. node	7039 Apr 08 15:19	18°♂17'04		greatest brilliancy	7041 Dec 02 01:28	18°♂31'35	-4.8m
	7039 Apr 18 03:08	0°Υ		retrograde	7041 Dec 11 12:31	20°♂09'06	
	7039 May 12 07:42	0°♂		evening set	7041 Dec 26 17:56	15°♂40'07	
	7039 Jun 05 10:45	0°♂		inferior conj	7042 Jan 01 10:28	12°♂17'10	-3°12'23
	7039 Jun 29 14:32	0°♂		minimum elong	7042 Jan 01 17:22	12°♂06'32	3°10'18
morning set	7039 Jul 07 03:45	9°♂21'35		min. Earth dist.	7042 Jan 02 04:51	11°♂48'47	0.27624 AU
	7039 Jul 23 19:59	0°♁		morning rise	7042 Jan 07 16:10	8°♂35'18	
asc. node	7039 Jul 30 14:47	8°♁22'58		asc. node	7042 Jan 14 10:23	5°♂35'42	
				direct	7042 Jan 22 12:03	4°♂16'05	

greatest brilliancy	7042 Feb 02 10:52	6°  31'09	-4.9m		7044 Aug 25 08:29	0° 	
	7042 Mar 06 16:03	0° 			7044 Sep 19 01:55	0° 	
morning max el	7042 Mar 14 01:05	7°  15'13	46°53'28		7044 Oct 14 03:50	0° 	
	7042 Apr 04 07:56	0° 		desc. node	7044 Oct 20 21:45	7°  58'46	
	7042 Apr 30 09:55	0° 			7044 Nov 08 18:00	0° 	
desc. node	7042 May 06 03:22	6°  46'16			7044 Dec 05 03:55	0° 	
	7042 May 25 13:08	0° 			7045 Jan 02 09:15	0° 	
	7042 Jun 19 06:40	0° 		evening max el	7045 Jan 04 02:14	1°  41'53	46°36'19
	7042 Jul 13 20:33	0° 			7045 Feb 08 12:33	0° 	
	7042 Aug 07 09:15	0° 		asc. node	7045 Feb 10 22:14	1°  06'58	
asc. node	7042 Aug 27 02:52	24°  010'08		greatest brilliancy	7045 Feb 13 09:08	2°  05'08	-4.9m
	7042 Aug 31 20:59	0° 		retrograde	7045 Feb 23 05:25	3°  05'15	
morning set	7042 Sep 14 13:20	16°  047'40			7045 Mar 09 07:00	30°  08'46	
	7042 Sep 25 07:09	0° 		evening set	7045 Mar 11 03:37	28°  05'00	
	7042 Oct 19 15:35	0° 		inferior conj	7045 Mar 15 20:53	26°  09'38	7°23'04
max. Earth dist.	7042 Oct 19 23:25	0°  00'24'08	1.73264 AU	minimum elong	7045 Mar 15 10:11	26°  06'04	7°21'01
				min. Earth dist.	7045 Mar 15 12:58	26°  01'48	0.26902 AU
superior conj	7042 Oct 21 02:38	1°  00'48'05	1°25'43	morning rise	7045 Mar 19 16:44	23°  05'04	
minimum elong	7042 Oct 21 02:10	1°  00'46'39	1°25'47	direct	7045 Apr 05 09:56	18°  04'37	
	7042 Nov 12 22:50	0° 		greatest brilliancy	7045 Apr 15 01:06	20°  09'34	-4.9m
evening rise	7042 Nov 26 23:47	17°  00'20'25			7045 May 02 06:13	0° 	
	7042 Dec 07 05:40	0° 		morning max el	7045 May 25 17:23	20°  05'14	46°49'06
desc. node	7042 Dec 16 19:23	11°  00'34'31		desc. node	7045 Jun 02 15:09	29°  03'01	
	7042 Dec 31 12:21	0° 			7045 Jun 03 12:55	0° 	
	7043 Jan 24 18:51	0° 			7045 Jun 30 19:36	0° 	
	7043 Feb 18 02:00	0° 			7045 Jul 26 17:51	0° 	
	7043 Mar 14 12:48	0° 			7045 Aug 21 02:33	0° 	
	7043 Apr 08 09:31	0° 			7045 Sep 15 03:18	0° 	
asc. node	7043 Apr 08 19:26	0°  00'29'30		asc. node	7045 Sep 23 14:47	10°  00'14'13	
	7043 May 04 04:07	0° 			7045 Oct 09 21:32	0° 	
	7043 Jun 01 03:02	0° 			7045 Nov 03 09:57	0° 	
evening max el	7043 Jun 01 07:04	0°  00'10'01	46°26'46	morning set	7045 Nov 21 23:57	22°  00'54'00	
greatest brilliancy	7043 Jul 10 00:41	29°  00'42'45	-4.8m		7045 Nov 27 17:45	0° 	
	7043 Jul 10 19:01	0° 			7045 Dec 21 22:20	0° 	
retrograde	7043 Jul 21 03:15	1°  00'00'58'09		max. Earth dist.	7045 Dec 26 18:37	6°  00'12'27	1.72304 AU
desc. node	7043 Jul 29 12:48	0° 					
	7043 Jul 31 01:07	30°  00'00'00		superior conj	7045 Dec 29 12:51	9°  00'27'27	0°34'44
evening set	7043 Aug 05 04:50	27°  00'32'22		minimum elong	7045 Dec 29 20:23	9°  00'50'55	0°34'27
inferior conj	7043 Aug 11 11:51	23°  00'45'15	-3°05'43	desc. node	7046 Jan 13 07:21	27°  00'51'13	
minimum elong	7043 Aug 11 05:17	23°  00'55'31	3°03'53		7046 Jan 15 00:40	0° 	
min. Earth dist.	7043 Aug 10 21:10	24°  00'08'15	0.28486 AU	evening rise	7046 Feb 06 21:37	28°  00'33'54	
morning rise	7043 Aug 17 06:23	20°  00'16'51			7046 Feb 08 01:10	0° 	
direct	7043 Sep 01 19:55	15°  00'39'26			7046 Mar 04 00:26	0° 	
greatest brilliancy	7043 Sep 11 13:59	17°  00'22'33	-4.7m		7046 Mar 28 00:04	0° 	
	7043 Oct 03 00:02	0° 			7046 Apr 21 02:48	0° 	
morning max el	7043 Oct 20 11:16	15°  00'00'19'05	45°41'35	asc. node	7046 May 06 07:10	18°  00'43'30	
	7043 Nov 04 02:57	0° 			7046 May 15 12:23	0° 	
asc. node	7043 Nov 19 12:49	16°  00'00'34'30			7046 Jun 09 09:53	0° 	
	7043 Dec 01 11:54	0° 			7046 Jul 05 04:13	0° 	
	7043 Dec 27 04:58	0° 			7046 Aug 01 17:50	0° 	
	7044 Jan 21 01:53	0° 		evening max el	7046 Aug 10 19:53	9°  00'04'51	45°43'12
	7044 Feb 14 11:38	0° 		desc. node	7046 Aug 26 00:29	22°  00'47'09	
	7044 Mar 09 14:49	0° 			7046 Sep 04 13:43	0° 	
desc. node	7044 Mar 10 05:17	0°  00'45'08		greatest brilliancy	7046 Sep 18 12:30	7°  00'24'13	-4.7m
	7044 Apr 02 14:09	0° 		retrograde	7046 Sep 28 18:52	9°  00'18'56	
morning set	7044 Apr 21 01:59	23°  00'00'12'38		evening set	7046 Oct 16 22:38	3°  00'08'33	
	7044 Apr 26 11:47	0° 		inferior conj	7046 Oct 20 07:22	1°  00'03'35	-8°36'22
	7044 May 20 09:50	0° 		minimum elong	7046 Oct 20 06:29	1°  00'04'58	8°36'19
				min. Earth dist.	7046 Oct 20 12:06	0°  00'56'10	0.29136 AU
superior conj	7044 May 31 03:36	13°  00'26'12	-1°06'24		7046 Oct 22 00:00	30°  00'00'00	
minimum elong	7044 May 31 14:45	14°  00'20'01'01	1°06'07	morning rise	7046 Oct 23 14:15	29°  00'01'08	
max. Earth dist.	7044 Jun 03 20:38	18°  00'04'15	1.71844 AU	direct	7046 Nov 10 20:28	22°  00'44'26	
	7044 Jun 13 10:07	0° 		greatest brilliancy	7046 Nov 21 13:53	24°  00'49'52	-4.8m
asc. node	7044 Jul 01 04:54	22°  00'00'06'40			7046 Dec 01 19:18	0° 	
	7044 Jul 07 13:40	0° 		asc. node	7046 Dec 17 00:36	11°  00'29'34	
evening rise	7044 Jul 09 10:21	2°  00'18'21		morning max el	7046 Dec 30 10:23	23°  00'57'09	46°09'48
	7044 Jul 31 20:54	0° 			7047 Jan 05 10:22	0° 	

	7047 Feb 01 21:04	0°♄			7049 Oct 03 10:30	0°♄	
	7047 Feb 27 11:14	0°♊		evening max el	7049 Oct 21 06:55	18°♄00'02	45°47'00
	7047 Mar 24 06:00	0°♋			7049 Nov 03 15:03	0°♄	
desc. node	7047 Apr 07 17:14	17°♋45'48		greatest brilliancy	7049 Nov 29 15:53	16°♄14'23	-4.8m
	7047 Apr 17 15:00	0°♌		retrograde	7049 Dec 09 01:33	17°♄50'44	
	7047 May 11 19:15	0°♍		evening set	7049 Dec 24 10:19	13°♄18'28	
	7047 Jun 04 22:03	0°♎		inferior conj	7049 Dec 30 00:37	9°♄58'21	-3°32'55
	7047 Jun 29 01:37	0°♏		minimum elong	7049 Dec 30 08:06	9°♄46'46	3°30'42
morning set	7047 Jul 04 18:43	7°♏05'01		min. Earth dist.	7049 Dec 30 19:50	9°♄28'36	0.27681 AU
	7047 Jul 23 06:55	0°♐		morning rise	7050 Jan 05 05:12	6°♄17'23	
asc. node	7047 Jul 29 16:50	7°♐55'37		asc. node	7050 Jan 13 12:28	2°♄49'22	
				direct	7050 Jan 20 02:37	1°♄56'26	
superior conj	7047 Aug 11 17:36	24°♐01'20	0°30'47	greatest brilliancy	7050 Jan 31 02:26	4°♄11'55	-4.9m
minimum elong	7047 Aug 11 11:15	23°♐41'44	0°30'26		7050 Mar 06 17:03	0°♊	
max. Earth dist.	7047 Aug 13 06:03	25°♐53'49	1.73107 AU	morning max el	7050 Mar 11 14:24	4°♊51'18	46°52'36
	7047 Aug 16 13:52	0°♋			7050 Apr 04 00:47	0°♋	
	7047 Sep 09 22:07	0°♌			7050 Apr 29 23:58	0°♌	
evening rise	7047 Sep 17 08:09	9°♌07'46		desc. node	7050 May 05 05:19	6°♌11'24	
	7047 Oct 04 07:51	0°♍			7050 May 25 01:48	0°♍	
	7047 Oct 28 19:52	0°♎			7050 Jun 18 18:32	0°♎	
desc. node	7047 Nov 18 09:32	25°♎03'55			7050 Jul 13 07:54	0°♏	
	7047 Nov 22 11:02	0°♏			7050 Aug 06 20:15	0°♐	
	7047 Dec 17 05:57	0°♊		asc. node	7050 Aug 26 04:45	23°♐42'45	
	7048 Jan 11 05:57	0°♋			7050 Aug 31 07:46	0°♋	
	7048 Feb 05 16:08	0°♌		morning set	7050 Sep 12 06:33	14°♋40'18	
	7048 Mar 03 03:57	0°♍			7050 Sep 24 17:48	0°♌	
asc. node	7048 Mar 10 09:45	7°♍47'17		max. Earth dist.	7050 Oct 17 16:06	28°♌14'56	1.73280 AU
evening max el	7048 Mar 17 23:55	15°♍39'06	47°03'38				
	7048 Apr 02 02:23	0°♎		superior conj	7050 Oct 18 20:19	29°♌41'54	1°25'35
greatest brilliancy	7048 Apr 27 11:47	16°♎48'59	-4.9m	minimum elong	7050 Oct 18 19:09	29°♌38'18	1°25'37
retrograde	7048 May 07 15:31	18°♎45'58			7050 Oct 19 02:11	0°♏	
evening set	7048 May 24 11:53	13°♎13'37			7050 Nov 12 09:30	0°♐	
inferior conj	7048 May 28 11:30	10°♎48'08	7°10'50	evening rise	7050 Nov 24 15:43	15°♐08'14	
minimum elong	7048 May 28 22:06	10°♎31'46	7°08'41		7050 Dec 06 16:30	0°♑	
min. Earth dist.	7048 May 28 10:28	10°♎49'43	0.27447 AU	desc. node	7050 Dec 15 21:26	11°♑22'10	
morning rise	7048 Jun 02 08:33	7°♎52'25			7050 Dec 30 23:26	0°♊	
direct	7048 Jun 18 06:38	2°♎56'35			7051 Jan 24 06:16	0°♋	
greatest brilliancy	7048 Jun 27 23:32	4°♎42'05	-4.8m		7051 Feb 17 13:50	0°♌	
desc. node	7048 Jun 30 02:57	5°♎30'45			7051 Mar 14 01:16	0°♍	
	7048 Aug 02 14:35	0°♏		asc. node	7051 Apr 07 21:24	29°♍55'06	
morning max el	7048 Aug 06 18:01	3°♏57'17	46°03'55		7051 Apr 07 23:03	0°♎	
	7048 Aug 31 22:32	0°♐			7051 May 03 19:51	0°♏	
	7048 Sep 27 19:03	0°♑		evening max el	7051 May 29 21:15	27°♏51'47	46°28'34
asc. node	7048 Oct 21 02:51	27°♑07'15			7051 Jun 01 01:04	0°♐	
	7048 Oct 23 13:22	0°♒		greatest brilliancy	7051 Jul 07 17:34	27°♐31'31	-4.8m
	7048 Nov 17 15:20	0°♓		retrograde	7051 Jul 18 18:42	29°♐46'14	
	7048 Dec 12 06:06	0°♑		desc. node	7051 Jul 28 14:42	27°♐50'08	
	7049 Jan 05 13:25	0°♒		evening set	7051 Aug 02 19:50	25°♐21'46	
	7049 Jan 29 15:56	0°♓		min. Earth dist.	7051 Aug 08 13:33	21°♐55'56	0.28444 AU
morning set	7049 Feb 01 06:08	3°♓14'08		inferior conj	7051 Aug 09 03:36	21°♐33'57	-2°46'19
desc. node	7049 Feb 09 19:14	13°♓55'10		minimum elong	7051 Aug 08 21:39	21°♐43'16	2°44'38
	7049 Feb 22 15:13	0°♋		morning rise	7051 Aug 15 00:01	18°♐02'46	
max. Earth dist.	7049 Mar 12 18:45	22°♋47'19	1.71230 AU	direct	7051 Aug 30 10:44	13°♐28'37	
				greatest brilliancy	7051 Sep 09 05:52	15°♐12'16	-4.7m
superior conj	7049 Mar 13 21:52	24°♋12'34	-1°08'11		7051 Oct 03 08:52	0°♋	
minimum elong	7049 Mar 13 10:10	23°♋35'46	1°07'48	morning max el	7051 Oct 18 01:36	13°♋05'28	45°41'24
	7049 Mar 18 12:23	0°♌			7051 Nov 03 20:34	0°♌	
	7049 Apr 11 08:51	0°♍		asc. node	7051 Nov 18 14:52	15°♌58'03	
evening rise	7049 Apr 23 14:28	15°♍22'06			7051 Dec 01 01:52	0°♎	
	7049 May 05 06:39	0°♎			7051 Dec 26 17:26	0°♏	
	7049 May 29 07:59	0°♏			7052 Jan 20 13:38	0°♑	
asc. node	7049 Jun 02 19:04	5°♏32'07			7052 Feb 13 22:58	0°♊	
	7049 Jun 22 14:54	0°♐		desc. node	7052 Mar 09 07:07	0°♋16'16	
	7049 Jul 17 05:29	0°♑			7052 Mar 09 01:55	0°♌	
	7049 Aug 11 07:17	0°♒			7052 Apr 02 01:05	0°♍	
	7049 Sep 06 03:27	0°♓		morning set	7052 Apr 18 12:30	20°♍40'51	
desc. node	7049 Sep 22 12:00	18°♓15'22			7052 Apr 25 22:36	0°♋	

	7052 May 19 20:34	0°♊		inferior conj	7054 Oct 17 23:41	28°♊54'53	-8°35'03
				minimum elong	7054 Oct 17 22:03	28°♊57'27	8°34'58
superior conj	7052 May 28 16:18	11°♊02'29 -1°08'49		min. Earth dist.	7054 Oct 18 02:39	28°♊50'14	0.29152 AU
minimum elong	7052 May 29 03:19	11°♊36'56 1°08'32		morning rise	7054 Oct 21 06:27	26°♊52'43	
max. Earth dist.	7052 Jun 01 05:53	15°♊29'55 1.71792 AU		direct	7054 Nov 08 13:27	20°♊35'54	
	7052 Jun 12 20:47	0°♋		greatest brilliancy	7054 Nov 19 04:39	22°♊39'39	-4.8m
asc. node	7052 Jun 30 06:56	21°♋40'04			7054 Dec 02 18:21	0°♌	
evening rise	7052 Jul 07 01:22	0°♌03'24		asc. node	7054 Dec 16 02:39	10°♌32'41	
	7052 Jul 07 00:17	0°♌		morning max el	7054 Dec 28 02:42	21°♌46'13	46°08'04
	7052 Jul 31 07:35	0°♍			7055 Jan 05 05:33	0°♎	
	7052 Aug 24 19:23	0°♎			7055 Feb 01 11:47	0°♏	
	7052 Sep 18 13:16	0°♏			7055 Feb 27 00:13	0°♐	
	7052 Oct 13 15:57	0°♑			7055 Mar 23 18:06	0°♒	
desc. node	7052 Oct 19 23:43	7°♑28'05		desc. node	7055 Apr 06 19:18	17°♒15'56	
	7052 Nov 08 07:28	0°♓			7055 Apr 17 02:34	0°♑	
	7052 Dec 04 19:58	0°♐			7055 May 11 06:27	0°♒	
evening max el	7053 Jan 01 15:09	29°♐18'24 46°34'39			7055 Jun 04 08:58	0°♊	
	7053 Jan 02 08:02	0°♑			7055 Jun 28 12:20	0°♋	
asc. node	7053 Feb 10 00:07	29°♑18'24		morning set	7055 Jul 02 09:44	4°♋49'39	
greatest brilliancy	7053 Feb 10 21:29	29°♑38'16 -4.9m			7055 Jul 22 17:29	0°♌	
	7053 Feb 11 22:57	0°♑		asc. node	7055 Jul 28 18:43	7°♌28'53	
retrograde	7053 Feb 20 18:09	1°♑28'57					
	7053 Mar 01 06:21	30°♒♑		superior conj	7055 Aug 09 10:06	21°♌51'40	0°27'36
evening set	7053 Mar 08 12:02	26°♒38'11		minimum elong	7055 Aug 09 04:18	21°♌33'45	0°27'17
inferior conj	7053 Mar 13 09:26	23°♒43'19 7°08'09		max. Earth dist.	7055 Aug 11 03:08	23°♌58'17	1.73076 AU
minimum elong	7053 Mar 12 22:32	24°♒00'02 7°05'55			7055 Aug 16 00:21	0°♍	
min. Earth dist.	7053 Mar 13 01:47	23°♒55'03 0.26895 AU			7055 Sep 09 08:36	0°♎	
morning rise	7053 Mar 17 08:59	21°♒19'23		evening rise	7055 Sep 15 02:11	7°♎03'19	
direct	7053 Apr 02 22:29	15°♒57'59			7055 Oct 03 18:26	0°♏	
greatest brilliancy	7053 Apr 12 14:41	17°♒44'11 -4.9m			7055 Oct 28 06:42	0°♑	
	7053 May 02 22:20	0°♑		desc. node	7055 Nov 17 11:38	24°♑36'20	
morning max el	7053 May 23 07:17	18°♑34'56 46°50'21			7055 Nov 21 22:18	0°♓	
desc. node	7053 Jun 01 17:15	28°♑16'09			7055 Dec 16 17:53	0°♐	
	7053 Jun 03 08:31	0°♒			7056 Jan 10 18:56	0°♑	
	7053 Jun 30 10:39	0°♊			7056 Feb 05 06:51	0°♑	
	7053 Jul 26 06:53	0°♋			7056 Mar 02 22:23	0°♒	
	7053 Aug 20 14:26	0°♌		asc. node	7056 Mar 09 11:45	6°♒59'33	
	7053 Sep 14 14:30	0°♍		evening max el	7056 Mar 15 14:48	13°♒18'47	47°03'42
asc. node	7053 Sep 22 16:47	9°♍46'49			7056 Apr 02 10:47	0°♊	
	7053 Oct 09 08:19	0°♎		greatest brilliancy	7056 Apr 25 02:11	14°♊27'01	-4.9m
	7053 Nov 02 20:33	0°♏		retrograde	7056 May 05 05:34	16°♊23'18	
morning set	7053 Nov 19 16:46	20°♏45'09		evening set	7056 May 22 05:00	10°♊46'27	
	7053 Nov 27 04:18	0°♑		inferior conj	7056 May 26 01:01	8°♊26'03	7°25'04
	7053 Dec 21 08:55	0°♓		minimum elong	7056 May 26 11:24	8°♊10'00	7°23'04
max. Earth dist.	7053 Dec 24 11:50	3°♓52'47 1.72349 AU		min. Earth dist.	7056 May 25 23:44	8°♊28'02	0.27422 AU
				morning rise	7056 May 30 18:03	5°♊35'57	
superior conj	7053 Dec 27 03:20	7°♓10'13 0°37'58		direct	7056 Jun 15 20:21	0°♊35'10	
minimum elong	7053 Dec 27 11:24	7°♓35'17 0°37'41		greatest brilliancy	7056 Jun 25 11:47	2°♊19'32	-4.8m
desc. node	7054 Jan 12 09:18	27°♓24'07		desc. node	7056 Jun 29 04:54	3°♊48'47	
	7054 Jan 14 11:20	0°♐			7056 Aug 02 14:43	0°♋	
evening rise	7054 Feb 04 10:14	26°♐09'37		morning max el	7056 Aug 04 08:01	1°♋39'36	46°05'21
	7054 Feb 07 11:57	0°♑			7056 Aug 31 14:43	0°♌	
	7054 Mar 03 11:23	0°♑			7056 Sep 27 08:27	0°♍	
	7054 Mar 27 11:13	0°♒		asc. node	7056 Oct 20 04:53	26°♍37'24	
	7054 Apr 20 14:13	0°♊			7056 Oct 23 01:25	0°♎	
asc. node	7054 May 05 09:15	18°♊14'02			7056 Nov 17 02:40	0°♏	
	7054 May 15 00:16	0°♋			7056 Dec 11 17:02	0°♑	
	7054 Jun 08 22:38	0°♌			7057 Jan 05 00:11	0°♓	
	7054 Jul 04 18:42	0°♍			7057 Jan 29 02:40	0°♐	
	7054 Aug 01 12:50	0°♎		morning set	7057 Jan 29 18:53	0°♐50'38	
evening max el	7054 Aug 08 12:13	6°♎55'51 45°44'16		desc. node	7057 Feb 08 21:07	13°♐27'31	
desc. node	7054 Aug 25 02:26	21°♎47'01			7057 Feb 22 01:59	0°♑	
	7054 Sep 05 12:56	0°♏		max. Earth dist.	7057 Mar 09 22:15	19°♑53'39	1.71250 AU
greatest brilliancy	7054 Sep 16 02:35	5°♏14'12 -4.7m					
retrograde	7054 Sep 26 11:35	7°♏10'51		superior conj	7057 Mar 11 08:45	21°♑42'01	-1°05'37
evening set	7054 Oct 14 13:37	1°♏02'00		minimum elong	7057 Mar 10 20:54	21°♑04'49	1°05'12
	7054 Oct 16 06:02	30°♒♏			7057 Mar 17 23:11	0°♑	

	7057 Apr 10 19:41	0°♄		morning max el	7059 Oct 15 16:25	10°♎52'36	45°41'26
evening rise	7057 Apr 21 00:51	12°♄49'54			7059 Nov 03 13:53	0°♊	
	7057 May 04 17:32	0°♈		asc. node	7059 Nov 17 16:51	15°♊21'29	
	7057 May 28 18:59	0°♌			7059 Nov 30 15:47	0°♎	
asc. node	7057 Jun 01 21:03	5°♌04'07			7059 Dec 26 05:55	0°♈	
	7057 Jun 22 02:07	0°♏			7060 Jan 20 01:24	0°♄	
	7057 Jul 16 17:07	0°♎			7060 Feb 13 10:21	0°♌	
	7057 Aug 10 19:41	0°♊		desc. node	7060 Mar 08 09:13	29°♌48'01	
	7057 Sep 05 17:25	0°♎			7060 Mar 08 13:04	0°♈	
desc. node	7057 Sep 21 14:03	17°♎37'59			7060 Apr 01 12:05	0°♎	
	7057 Oct 03 04:08	0°♈		morning set	7060 Apr 15 23:19	18°♎09'39	
evening max el	7057 Oct 18 20:39	15°♈43'57	45°45'59		7060 Apr 25 09:31	0°♄	
	7057 Nov 03 23:15	0°♄			7060 May 19 07:27	0°♈	
greatest brilliancy	7057 Nov 27 06:41	13°♄59'04	-4.8m				
retrograde	7057 Dec 06 14:54	15°♄34'30		superior conj	7060 May 26 04:54	8°♈37'50	-1°11'05
evening set	7057 Dec 22 03:06	10°♄58'26		minimum elong	7060 May 26 15:42	9°♈11'38	1°10'51
inferior conj	7057 Dec 27 15:07	7°♄41'29	-3°52'47	max. Earth dist.	7060 May 29 14:36	12°♈53'16	1.71751 AU
minimum elong	7057 Dec 27 23:09	7°♄29'03	3°50'28		7060 Jun 12 07:38	0°♌	
min. Earth dist.	7057 Dec 28 11:15	7°♄10'18	0.27741 AU	asc. node	7060 Jun 29 08:49	21°♌12'14	
morning rise	7058 Jan 02 18:26	4°♄01'48		evening rise	7060 Jul 04 16:02	27°♌46'31	
asc. node	7058 Jan 12 14:18	0°♄10'24			7060 Jul 06 11:09	0°♏	
	7058 Jan 13 12:15	30°♎♈			7060 Jul 30 18:32	0°♎	
direct	7058 Jan 17 17:08	29°♈38'33			7060 Aug 24 06:34	0°♊	
	7058 Jan 21 23:51	0°♄			7060 Sep 18 00:54	0°♎	
greatest brilliancy	7058 Jan 28 18:38	1°♄55'03	-4.9m		7060 Oct 13 04:22	0°♈	
	7058 Mar 06 16:34	0°♌		desc. node	7060 Oct 19 01:48	6°♈56'54	
morning max el	7058 Mar 09 03:44	2°♌28'08	46°51'31		7060 Nov 07 21:16	0°♄	
	7058 Apr 03 17:11	0°♈			7060 Dec 04 12:32	0°♌	
	7058 Apr 29 13:53	0°♎		evening max el	7060 Dec 30 05:08	26°♌57'16	46°33'00
desc. node	7058 May 04 07:22	5°♎36'59			7061 Jan 02 08:05	0°♈	
	7058 May 24 14:28	0°♄		greatest brilliancy	7061 Feb 08 09:40	27°♈11'09	-4.9m
	7058 Jun 18 06:26	0°♈		asc. node	7061 Feb 09 02:10	27°♈25'30	
	7058 Jul 12 19:17	0°♌		retrograde	7061 Feb 18 07:32	29°♈02'36	
	7058 Aug 06 07:16	0°♏		evening set	7061 Mar 05 20:51	24°♈17'09	
asc. node	7058 Aug 25 06:44	23°♏15'45		inferior conj	7061 Mar 10 22:08	21°♈16'55	6°52'20
	7058 Aug 30 18:31	0°♎		minimum elong	7061 Mar 10 11:06	21°♈33'48	6°49'59
morning set	7058 Sep 09 23:37	12°♎32'31		min. Earth dist.	7061 Mar 10 14:30	21°♈28'36	0.26887 AU
	7058 Sep 24 04:24	0°♊		morning rise	7061 Mar 15 01:22	18°♈47'57	
max. Earth dist.	7058 Oct 15 09:44	26°♊08'45	1.73296 AU	direct	7061 Mar 31 11:40	13°♈31'31	
				greatest brilliancy	7061 Apr 10 03:47	15°♈18'10	-4.9m
superior conj	7058 Oct 16 14:07	27°♊36'14	1°25'20		7061 May 03 10:27	0°♎	
minimum elong	7058 Oct 16 12:14	27°♊30'27	1°25'21	morning max el	7061 May 20 21:37	16°♎13'27	46°51'26
	7058 Oct 18 12:45	0°♎		desc. node	7061 May 31 19:12	27°♎29'15	
	7058 Nov 11 20:09	0°♈			7061 Jun 03 03:42	0°♄	
evening rise	7058 Nov 22 08:04	12°♈57'30			7061 Jun 30 01:43	0°♈	
	7058 Dec 06 03:19	0°♄			7061 Jul 25 20:06	0°♌	
desc. node	7058 Dec 14 23:22	10°♄54'33			7061 Aug 20 02:37	0°♏	
	7058 Dec 30 10:29	0°♌			7061 Sep 14 02:02	0°♎	
	7059 Jan 23 17:37	0°♈		asc. node	7061 Sep 21 18:51	9°♎18'35	
	7059 Feb 17 01:39	0°♎			7061 Oct 08 19:28	0°♊	
	7059 Mar 13 13:47	0°♄			7061 Nov 02 07:28	0°♎	
asc. node	7059 Apr 06 23:27	29°♄20'31		morning set	7061 Nov 17 09:34	18°♎35'24	
	7059 Apr 07 12:47	0°♈			7061 Nov 26 15:08	0°♈	
	7059 May 03 12:02	0°♌			7061 Dec 20 19:46	0°♄	
evening max el	7059 May 27 11:07	25°♌31'58	46°30'18	max. Earth dist.	7061 Dec 22 04:33	1°♄41'48	1.72391 AU
	7059 Jun 01 00:23	0°♏					
greatest brilliancy	7059 Jul 05 09:57	25°♏18'21	-4.8m	superior conj	7061 Dec 24 17:59	4°♄52'45	0°41'08
retrograde	7059 Jul 16 10:20	27°♏33'00		minimum elong	7061 Dec 25 02:30	5°♄19'11	0°40'49
desc. node	7059 Jul 27 16:39	25°♏01'04		desc. node	7062 Jan 11 11:13	26°♄56'00	
evening set	7059 Jul 31 10:45	23°♏09'22			7062 Jan 13 22:16	0°♌	
min. Earth dist.	7059 Aug 06 05:39	19°♏42'16	0.28400 AU	evening rise	7062 Feb 01 23:06	23°♌45'18	
inferior conj	7059 Aug 06 19:07	19°♏21'13	-2°26'22		7062 Feb 06 23:02	0°♈	
minimum elong	7059 Aug 06 13:49	19°♏29'30	2°24'52		7062 Mar 02 22:37	0°♎	
morning rise	7059 Aug 12 17:22	15°♏47'38			7062 Mar 26 22:38	0°♄	
direct	7059 Aug 28 01:15	11°♏16'18			7062 Apr 20 01:56	0°♈	
greatest brilliancy	7059 Sep 06 21:35	13°♏00'52	-4.7m	asc. node	7062 May 04 11:13	17°♈43'25	
	7059 Oct 03 15:28	0°♎			7062 May 14 12:27	0°♌	

	7062 Jun 08 11:43	0°♈			7064 Nov 16 14:20	0°♍	
	7062 Jul 04 09:41	0°♍			7064 Dec 11 04:21	0°♊	
	7062 Aug 01 08:54	0°♊			7065 Jan 04 11:20	0°♈	
evening max el	7062 Aug 06 04:41	4°♊45'53	45°45'05	morning set	7065 Jan 27 07:37	28°♈25'56	
desc. node	7062 Aug 24 04:30	20°♊44'11			7065 Jan 28 13:45	0°♋	
	7062 Sep 06 22:52	0°♍		desc. node	7065 Feb 07 23:12	12°♋59'28	
greatest brilliancy	7062 Sep 13 17:18	3°♍03'14	-4.7m		7065 Feb 21 13:03	0°♋	
retrograde	7062 Sep 24 03:52	5°♍00'51		max. Earth dist.	7065 Mar 07 02:17	17°♋00'51	1.71271 AU
	7062 Oct 10 07:43	30°♋♊					
evening set	7062 Oct 12 04:13	28°♊54'23		superior conj	7065 Mar 08 19:37	19°♋10'39	-1°02'55
inferior conj	7062 Oct 15 15:53	26°♊44'35	-8°32'56	minimum elong	7065 Mar 08 07:44	18°♋33'20	1°02'30
minimum elong	7062 Oct 15 13:31	26°♊48'19	8°32'49		7065 Mar 17 10:16	0°♌	
min. Earth dist.	7062 Oct 15 17:20	26°♊42'19	0.29162 AU		7065 Apr 10 06:48	0°♌	
morning rise	7062 Oct 18 22:49	24°♊42'04		evening rise	7065 Apr 18 11:16	10°♌16'57	
direct	7062 Nov 06 06:17	18°♊25'55			7065 May 04 04:43	0°♍	
greatest brilliancy	7062 Nov 16 19:05	20°♊27'31	-4.8m		7065 May 28 06:18	0°♍	
	7062 Dec 03 11:59	0°♍		asc. node	7065 May 31 22:57	4°♍34'53	
asc. node	7062 Dec 15 04:32	9°♍35'21			7065 Jun 21 13:39	0°♈	
morning max el	7062 Dec 25 18:08	19°♍32'03	46°06'26		7065 Jul 16 05:03	0°♍	
	7063 Jan 05 00:38	0°♊			7065 Aug 10 08:25	0°♊	
	7063 Feb 01 02:39	0°♈			7065 Sep 05 07:48	0°♍	
	7063 Feb 26 13:25	0°♋		desc. node	7065 Sep 20 16:04	16°♍59'22	
	7063 Mar 23 06:27	0°♋			7065 Oct 02 22:33	0°♊	
desc. node	7063 Apr 05 21:15	16°♋44'48		evening max el	7065 Oct 16 09:46	13°♊25'33	45°44'52
	7063 Apr 16 14:25	0°♌			7065 Nov 04 11:02	0°♈	
	7063 May 10 17:56	0°♌		greatest brilliancy	7065 Nov 24 21:00	11°♈41'57	-4.8m
	7063 Jun 03 20:11	0°♍		retrograde	7065 Dec 04 04:25	13°♈17'01	
	7063 Jun 27 23:20	0°♍		evening set	7065 Dec 19 19:48	8°♈36'37	
morning set	7063 Jun 30 00:54	2°♍33'47		inferior conj	7065 Dec 25 05:28	5°♈23'09	-4°12'15
	7063 Jul 22 04:21	0°♈		minimum elong	7065 Dec 25 13:59	5°♈09'56	4°09'50
asc. node	7063 Jul 27 20:44	7°♈01'39		min. Earth dist.	7065 Dec 26 02:29	4°♈50'35	0.27805 AU
				morning rise	7065 Dec 31 07:21	1°♈45'14	
superior conj	7063 Aug 07 02:37	19°♈41'03	0°24'24		7066 Jan 03 18:44	30°♋♊	
minimum elong	7063 Aug 06 21:25	19°♈25'00	0°24'07	asc. node	7066 Jan 11 16:22	27°♊34'59	
max. Earth dist.	7063 Aug 09 00:34	22°♈02'56	1.73046 AU	direct	7066 Jan 15 07:25	27°♊18'59	
	7063 Aug 15 11:10	0°♍		greatest brilliancy	7066 Jan 26 10:54	29°♊37'02	-4.8m
	7063 Sep 08 19:27	0°♊			7066 Jan 27 09:25	0°♈	
evening rise	7063 Sep 12 20:06	4°♊57'21		morning max el	7066 Mar 06 17:52	0°♋05'53	46°50'34
	7063 Oct 03 05:26	0°♍			7066 Mar 06 15:32	0°♋	
	7063 Oct 27 17:59	0°♊			7066 Apr 03 09:36	0°♋	
desc. node	7063 Nov 16 13:30	24°♊06'42		desc. node	7066 Apr 29 03:53	0°♌	
	7063 Nov 21 10:01	0°♈			7066 May 03 09:19	5°♌01'51	
	7063 Dec 16 06:17	0°♋			7066 May 24 03:14	0°♌	
	7064 Jan 10 08:22	0°♋			7066 Jun 17 18:29	0°♍	
	7064 Feb 04 22:07	0°♌			7066 Jul 12 06:51	0°♍	
	7064 Mar 02 17:41	0°♌			7066 Aug 05 18:28	0°♈	
asc. node	7064 Mar 08 13:48	6°♌10'08		asc. node	7066 Aug 24 08:48	22°♈48'29	
evening max el	7064 Mar 13 04:44	10°♌54'59	47°03'39		7066 Aug 30 05:27	0°♍	
	7064 Apr 02 22:41	0°♍		morning set	7066 Sep 07 16:50	10°♍24'35	
greatest brilliancy	7064 Apr 22 17:11	12°♍04'37	-4.9m		7066 Sep 23 15:10	0°♊	
retrograde	7064 May 02 19:09	13°♍59'30		max. Earth dist.	7066 Oct 13 05:44	24°♊09'20	1.73312 AU
evening set	7064 May 19 22:06	8°♍18'20					
inferior conj	7064 May 23 14:34	6°♍03'01	7°38'27	superior conj	7066 Oct 14 08:05	25°♊30'34	1°24'56
minimum elong	7064 May 24 00:38	5°♍47'24	7°36'38	minimum elong	7066 Oct 14 05:31	25°♊22'41	1°24'58
min. Earth dist.	7064 May 23 13:19	6°♍04'58	0.27396 AU		7066 Oct 17 23:29	0°♍	
morning rise	7064 May 28 03:25	3°♍18'39			7066 Nov 11 06:59	0°♊	
	7064 Jun 03 23:22	30°♋♌		evening rise	7066 Nov 20 00:39	10°♊46'57	
direct	7064 Jun 13 09:34	28°♌12'44			7066 Dec 05 14:21	0°♈	
greatest brilliancy	7064 Jun 23 00:29	29°♌56'24	-4.8m	desc. node	7066 Dec 14 01:22	10°♈26'27	
	7064 Jun 23 04:38	0°♍			7066 Dec 29 21:47	0°♋	
desc. node	7064 Jun 28 06:48	2°♍09'32			7067 Jan 23 05:16	0°♋	
morning max el	7064 Aug 01 21:10	29°♍18'47	46°06'54		7067 Feb 16 13:45	0°♌	
	7064 Aug 02 14:06	0°♍			7067 Mar 13 02:35	0°♌	
	7064 Aug 31 06:54	0°♈		asc. node	7067 Apr 06 01:23	28°♌44'50	
	7064 Sep 26 22:02	0°♍			7067 Apr 07 02:48	0°♍	
asc. node	7064 Oct 19 06:50	26°♍06'24			7067 May 03 04:38	0°♍	
	7064 Oct 22 13:45	0°♊		evening max el	7067 May 25 01:31	23°♍13'09	46°32'11

	7067 Jun 01 00:55	0°♎		superior conj	7069 Dec 22 09:08	2°♊37'29	0°44'10
greatest brilliancy	7067 Jul 03 01:50	23°♎04'13	-4.8m	minimum elong	7069 Dec 22 18:00	3°♊05'03	0°43'52
retrograde	7067 Jul 14 02:30	25°♎19'24		desc. node	7070 Jan 10 13:19	26°♊29'11	
desc. node	7067 Jul 26 18:47	22°♎07'19			7070 Jan 13 09:00	0°♊	
evening set	7067 Jul 29 01:50	20°♎56'12		evening rise	7070 Jan 30 12:16	21°♊22'41	
inferior conj	7067 Aug 04 10:35	17°♎07'55	-2°06'08		7070 Feb 06 09:54	0°♊	
minimum elong	7067 Aug 04 05:58	17°♎15'07	2°04'48		7070 Mar 02 09:41	0°♊	
min. Earth dist.	7067 Aug 03 21:25	17°♎28'27	0.28357 AU		7070 Mar 26 09:55	0°♊	
morning rise	7067 Aug 10 10:36	13°♎32'19			7070 Apr 19 13:31	0°♊	
direct	7067 Aug 25 16:01	9°♎03'25		asc. node	7070 May 03 13:08	17°♊12'51	
greatest brilliancy	7067 Sep 04 12:50	10°♎48'39	-4.7m		7070 May 14 00:33	0°♊	
	7067 Oct 03 20:04	0°♎			7070 Jun 08 00:46	0°♎	
morning max el	7067 Oct 13 08:13	8°♎41'58	45°41'35		7070 Jul 04 00:43	0°♎	
	7067 Nov 03 06:53	0°♎			7070 Aug 01 05:22	0°♎	
asc. node	7067 Nov 16 18:47	14°♎44'56		evening max el	7070 Aug 03 20:42	2°♎35'19	45°46'06
	7067 Nov 30 05:35	0°♎		desc. node	7070 Aug 23 06:29	19°♎40'27	
	7067 Dec 25 18:23	0°♎			7070 Sep 09 01:45	0°♎	
	7068 Jan 19 13:13	0°♎		greatest brilliancy	7070 Sep 11 08:43	0°♎53'58	-4.7m
	7068 Feb 12 21:49	0°♎		retrograde	7070 Sep 21 19:46	2°♎51'56	
desc. node	7068 Mar 07 11:14	29°♎19'09			7070 Oct 03 21:28	30°♎	
	7068 Mar 08 00:19	0°♎		evening set	7070 Oct 09 18:39	26°♎48'25	
	7068 Mar 31 23:12	0°♎		inferior conj	7070 Oct 13 08:13	24°♎35'30	-8°30'09
morning set	7068 Apr 13 09:41	15°♎36'45		minimum elong	7070 Oct 13 05:05	24°♎40'26	8°29'59
	7068 Apr 24 20:32	0°♎		min. Earth dist.	7070 Oct 13 08:26	24°♎35'08	0.29168 AU
	7068 May 18 18:23	0°♎		morning rise	7070 Oct 16 15:32	22°♎32'10	
				direct	7070 Nov 03 22:52	16°♎17'09	
superior conj	7068 May 23 17:03	6°♎11'34	-1°13'15	greatest brilliancy	7070 Nov 14 09:55	18°♎16'49	-4.8m
minimum elong	7068 May 24 03:35	6°♎44'31	1°13'03		7070 Dec 04 00:38	0°♎	
max. Earth dist.	7068 May 27 00:38	10°♎20'34	1.71707 AU	asc. node	7070 Dec 14 06:36	8°♎40'34	
	7068 Jun 11 18:30	0°♎		morning max el	7070 Dec 23 08:54	17°♎17'14	46°04'57
asc. node	7068 Jun 28 10:52	20°♎44'53			7071 Jan 04 18:51	0°♎	
evening rise	7068 Jul 02 06:29	25°♎28'57			7071 Jan 31 16:59	0°♎	
	7068 Jul 05 22:01	0°♎			7071 Feb 26 02:10	0°♎	
	7068 Jul 30 05:30	0°♎			7071 Mar 22 18:24	0°♎	
	7068 Aug 23 17:46	0°♎		desc. node	7071 Apr 04 23:12	16°♎14'50	
	7068 Sep 17 12:33	0°♎			7071 Apr 16 01:54	0°♎	
	7068 Oct 12 16:47	0°♎			7071 May 10 05:07	0°♎	
desc. node	7068 Oct 18 03:43	6°♎25'17			7071 Jun 03 07:07	0°♎	
	7068 Nov 07 11:07	0°♎			7071 Jun 27 10:05	0°♎	
	7068 Dec 04 05:18	0°♎		morning set	7071 Jun 27 15:39	0°♎17'17	
evening max el	7068 Dec 27 19:46	24°♎38'08	46°31'10		7071 Jul 21 14:57	0°♎	
	7069 Jan 02 09:13	0°♎		asc. node	7071 Jul 26 22:47	6°♎35'15	
greatest brilliancy	7069 Feb 05 21:39	24°♎43'50	-4.9m				
asc. node	7069 Feb 08 04:11	25°♎27'44		superior conj	7071 Aug 04 18:48	17°♎30'14	0°21'08
retrograde	7069 Feb 15 20:38	26°♎35'41		minimum elong	7071 Aug 04 14:14	17°♎16'09	0°20'51
evening set	7069 Mar 03 05:41	21°♎55'38		max. Earth dist.	7071 Aug 06 20:01	20°♎02'11	1.73009 AU
inferior conj	7069 Mar 08 10:38	18°♎50'03	6°35'39		7071 Aug 14 21:42	0°♎	
minimum elong	7069 Mar 07 23:34	19°♎06'59	6°33'10		7071 Sep 08 06:00	0°♎	
min. Earth dist.	7069 Mar 08 03:05	19°♎01'36	0.26883 AU	evening rise	7071 Sep 10 13:49	2°♎51'44	
morning rise	7069 Mar 12 17:32	16°♎15'56			7071 Oct 02 16:07	0°♎	
direct	7069 Mar 29 00:59	11°♎04'42			7071 Oct 27 04:56	0°♎	
greatest brilliancy	7069 Apr 07 16:38	12°♎51'17	-4.9m	desc. node	7071 Nov 15 15:32	23°♎38'32	
	7069 May 03 19:34	0°♎			7071 Nov 20 21:26	0°♎	
morning max el	7069 May 18 11:40	13°♎50'58	46°52'27		7071 Dec 15 18:23	0°♎	
desc. node	7069 May 30 21:10	26°♎42'56			7072 Jan 09 21:32	0°♎	
	7069 Jun 02 22:26	0°♎			7072 Feb 04 13:08	0°♎	
	7069 Jun 29 16:33	0°♎			7072 Mar 02 12:58	0°♎	
	7069 Jul 25 09:06	0°♎		asc. node	7072 Mar 07 15:44	5°♎21'06	
	7069 Aug 19 14:34	0°♎		evening max el	7072 Mar 10 17:49	8°♎30'26	47°03'34
	7069 Sep 13 13:22	0°♎			7072 Apr 03 13:44	0°♎	
asc. node	7069 Sep 20 20:43	8°♎50'21		greatest brilliancy	7072 Apr 20 08:30	9°♎44'03	-4.9m
	7069 Oct 08 06:25	0°♎		retrograde	7072 Apr 30 08:32	11°♎37'26	
	7069 Nov 01 18:13	0°♎		evening set	7072 May 17 15:13	5°♎51'50	
morning set	7069 Nov 15 02:39	16°♎27'03		inferior conj	7072 May 21 04:16	3°♎41'36	7°50'57
	7069 Nov 26 01:48	0°♎		minimum elong	7072 May 21 13:56	3°♎26'36	7°49'19
max. Earth dist.	7069 Dec 19 19:46	29°♎26'52	1.72430 AU	min. Earth dist.	7072 May 21 03:15	3°♎43'11	0.27376 AU
	7069 Dec 20 06:26	0°♎		morning rise	7072 May 25 12:49	1°♎03'10	

	7072 May 27 10:02	30° RB		evening rise	7074 Nov 17 17:11	8° $\text{A}\text{J}37'20$	
direct	7072 Jun 10 22:28	25° $\text{B}51'34$			7074 Dec 05 01:03	0° B	
greatest brilliancy	7072 Jun 20 13:57	27° $\text{B}35'18$	-4.8m	desc. node	7074 Dec 13 03:25	9° $\text{B}59'34$	
	7072 Jun 26 05:35	0° II			7074 Dec 29 08:45	0° \approx	
desc. node	7072 Jun 27 08:59	0° $\text{II}35'27$			7075 Jan 22 16:35	0° H	
morning max el	7072 Jul 30 10:20	26° $\text{II}58'41$	46°08'26		7075 Feb 16 01:35	0° Y	
	7072 Aug 02 12:09	0° E			7075 Mar 12 15:11	0° B	
	7072 Aug 30 22:29	0° Q		asc. node	7075 Apr 05 03:22	28° $\text{B}10'01$	
	7072 Sep 26 11:10	0° M			7075 Apr 06 16:40	0° II	
asc. node	7072 Oct 18 08:48	25° $\text{M}36'41$			7075 May 02 21:13	0° E	
	7072 Oct 22 01:39	0° E		evening max el	7075 May 22 16:58	20° $\text{E}58'04$	46°34'07
	7072 Nov 16 01:33	0° M			7075 Jun 01 02:14	0° Q	
	7072 Dec 10 15:14	0° A		greatest brilliancy	7075 Jun 30 17:31	20° $\text{Q}51'07$	-4.8m
	7073 Jan 03 22:04	0° B		retrograde	7075 Jul 11 19:02	23° $\text{Q}06'59$	
morning set	7073 Jan 24 20:38	26° $\text{B}03'23$		desc. node	7075 Jul 25 20:41	19° $\text{Q}11'40$	
	7073 Jan 28 00:27	0° \approx		evening set	7075 Jul 26 17:14	18° $\text{Q}44'06$	
desc. node	7073 Feb 07 01:11	12° $\approx32'16$		min. Earth dist.	7075 Aug 01 13:01	15° $\text{Q}16'09$	0.28314 AU
	7073 Feb 20 23:44	0° H		inferior conj	7075 Aug 02 02:07	14° $\text{Q}55'45$	-1°45'45
max. Earth dist.	7073 Mar 04 08:34	14° $\text{H}16'17$	1.71292 AU	minimum elong	7075 Aug 01 22:12	15° $\text{Q}01'51$	1°44'37
				morning rise	7075 Aug 08 03:46	11° $\text{Q}18'23$	
superior conj	7073 Mar 06 06:50	16° $\text{H}41'35$	-1°00'07	direct	7075 Aug 23 07:20	6° $\text{Q}51'47$	
minimum elong	7073 Mar 05 19:01	16° $\text{H}04'28$	0°59'40	greatest brilliancy	7075 Sep 02 03:36	8° $\text{Q}37'00$	-4.7m
	7073 Mar 16 20:57	0° Y			7075 Oct 03 22:31	0° M	
	7073 Apr 09 17:29	0° B		morning max el	7075 Oct 11 00:38	6° $\text{M}33'45$	45°41'36
evening rise	7073 Apr 15 22:07	7° $\text{B}46'43$			7075 Nov 02 23:17	0° E	
	7073 May 03 15:28	0° II		asc. node	7075 Nov 15 20:50	14° $\text{E}09'45$	
	7073 May 27 17:11	0° E			7075 Nov 29 19:03	0° M	
asc. node	7073 May 31 01:02	4° $\text{E}07'34$			7075 Dec 25 06:35	0° A	
	7073 Jun 21 00:47	0° Q			7076 Jan 19 00:46	0° B	
	7073 Jul 15 16:38	0° M			7076 Feb 12 09:01	0° \approx	
	7073 Aug 09 20:51	0° E		desc. node	7076 Mar 06 13:05	28° $\approx50'37$	
	7073 Sep 04 21:59	0° M			7076 Mar 07 11:19	0° H	
desc. node	7073 Sep 19 18:01	16° $\text{M}21'13$			7076 Mar 31 10:06	0° Y	
	7073 Oct 02 17:03	0° A		morning set	7076 Apr 10 20:01	13° $\text{Y}04'22$	
evening max el	7073 Oct 13 23:28	11° $\text{A}09'54$	45°44'02		7076 Apr 24 07:22	0° B	
	7073 Nov 05 02:03	0° B			7076 May 18 05:09	0° II	
greatest brilliancy	7073 Nov 22 10:53	9° $\text{B}26'06$	-4.8m				
retrograde	7073 Dec 01 18:34	11° $\text{B}01'32$		superior conj	7076 May 21 05:09	3° $\text{II}45'31$	-1°15'18
evening set	7073 Dec 17 12:45	6° $\text{B}16'30$		minimum elong	7076 May 21 15:18	4° $\text{II}17'19$	1°15'06
inferior conj	7073 Dec 22 19:59	3° $\text{B}06'35$	-4°31'01	max. Earth dist.	7076 May 24 12:01	7° $\text{II}52'23$	1.71663 AU
minimum elong	7073 Dec 23 04:56	2° $\text{B}52'44$	4°28'34		7076 Jun 11 05:12	0° E	
min. Earth dist.	7073 Dec 23 17:32	2° $\text{B}33'14$	0.27870 AU	asc. node	7076 Jun 27 12:53	20° $\text{E}17'59$	
	7073 Dec 27 23:37	30° RA		evening rise	7076 Jun 29 20:56	23° $\text{E}11'50$	
morning rise	7073 Dec 28 20:18	29° $\text{A}30'55$			7076 Jul 05 08:42	0° Q	
asc. node	7074 Jan 10 18:25	25° $\text{A}06'54$			7076 Jul 29 16:17	0° M	
direct	7074 Jan 12 22:19	25° $\text{A}01'12$			7076 Aug 23 04:48	0° E	
greatest brilliancy	7074 Jan 24 03:03	27° $\text{A}20'38$	-4.8m		7076 Sep 17 00:04	0° M	
	7074 Jan 29 17:38	0° B			7076 Oct 12 05:09	0° A	
morning max el	7074 Mar 04 09:12	27° $\text{B}48'06$	46°49'33	desc. node	7076 Oct 17 05:44	5° $\text{A}54'13$	
	7074 Mar 06 13:07	0° \approx			7076 Nov 07 01:00	0° B	
	7074 Apr 03 01:18	0° H			7076 Dec 03 22:19	0° \approx	
	7074 Apr 28 17:21	0° Y		evening max el	7076 Dec 25 10:41	22° $\approx20'07$	46°29'21
desc. node	7074 May 02 11:18	4° $\text{Y}28'13$			7077 Jan 02 11:37	0° H	
	7074 May 23 15:32	0° B		greatest brilliancy	7077 Feb 03 10:20	22° $\text{H}18'05$	-4.9m
	7074 Jun 17 06:04	0° II		asc. node	7077 Feb 07 06:05	23° $\text{H}25'47$	
	7074 Jul 11 17:57	0° E		retrograde	7077 Feb 13 09:32	24° $\text{H}09'27$	
	7074 Aug 05 05:15	0° Q		evening set	7077 Feb 28 14:58	19° $\text{H}34'47$	
asc. node	7074 Aug 23 10:40	22° $\text{Q}21'42$		inferior conj	7077 Mar 05 23:21	16° $\text{H}24'07$	6°18'23
	7074 Aug 29 16:00	0° M		minimum elong	7077 Mar 05 12:20	16° $\text{H}41'00$	6°15'48
morning set	7074 Sep 05 10:03	8° $\text{M}17'39$		min. Earth dist.	7077 Mar 05 16:10	16° $\text{H}35'07$	0.26879 AU
	7074 Sep 23 01:36	0° E		morning rise	7077 Mar 10 09:46	13° $\text{H}44'47$	
max. Earth dist.	7074 Oct 11 02:40	22° $\text{E}13'45$	1.73326 AU	direct	7077 Mar 26 14:17	8° $\text{H}38'55$	
				greatest brilliancy	7077 Apr 05 06:00	10° $\text{H}25'31$	-4.9m
superior conj	7074 Oct 12 01:57	23° $\text{E}25'31$	1°24'26		7077 May 04 02:00	0° Y	
minimum elong	7074 Oct 11 22:44	23° $\text{E}15'36$	1°24'27	morning max el	7077 May 16 01:01	11° $\text{Y}26'58$	46°53'15
	7074 Oct 17 09:54	0° M		desc. node	7077 May 29 23:16	25° $\text{Y}57'56$	
	7074 Nov 10 17:29	0° A			7077 Jun 02 16:36	0° B	

	7077 Jun 29 07:09	0°♄			7080 Feb 04 04:46	0°♅	
	7077 Jul 24 22:00	0°♅			7080 Mar 02 09:24	0°♄	
	7077 Aug 19 02:29	0°♄		asc. node	7080 Mar 06 17:45	4°♄29'59	
	7077 Sep 13 00:39	0°♅		evening max el	7080 Mar 08 06:23	6°♄03'09	47°03'24
asc. node	7077 Sep 19 22:44	8°♅22'41			7080 Apr 04 11:01	0°♄	
	7077 Oct 07 17:21	0°♄		greatest brilliancy	7080 Apr 17 23:24	7°♄21'01	-4.9m
	7077 Nov 01 04:57	0°♅		retrograde	7080 Apr 27 21:47	9°♄13'24	
morning set	7077 Nov 12 19:48	14°♅18'55		evening set	7080 May 15 08:01	3°♄23'06	
	7077 Nov 25 12:29	0°♄		inferior conj	7080 May 18 17:43	1°♄18'04	8°02'42
max. Earth dist.	7077 Dec 17 09:08	27°♄06'06	1.72473 AU	minimum elong	7080 May 19 02:55	1°♄03'48	8°01'15
	7077 Dec 19 17:09	0°♄		min. Earth dist.	7080 May 18 16:55	1°♄19'18	0.27356 AU
					7080 May 20 20:21	30°♄	
superior conj	7077 Dec 20 00:21	0°♄22'20	0°47'08	morning rise	7080 May 22 21:56	28°♄45'55	
minimum elong	7077 Dec 20 09:32	0°♄50'54	0°46'50	direct	7080 Jun 08 10:51	23°♄28'06	
desc. node	7078 Jan 09 15:17	26°♄01'37		greatest brilliancy	7080 Jun 18 03:17	25°♄12'24	-4.8m
	7078 Jan 12 19:50	0°♄		desc. node	7080 Jun 26 10:54	29°♄02'52	
evening rise	7078 Jan 28 01:18	18°♄59'23			7080 Jun 28 01:55	0°♄	
	7078 Feb 05 20:52	0°♄		morning max el	7080 Jul 27 23:54	24°♄38'11	46°10'03
	7078 Mar 01 20:50	0°♄			7080 Aug 02 09:50	0°♄	
	7078 Mar 25 21:18	0°♄			7080 Aug 30 14:15	0°♄	
	7078 Apr 19 01:14	0°♄			7080 Sep 26 00:36	0°♄	
asc. node	7078 May 02 15:13	16°♄42'28		asc. node	7080 Oct 17 10:50	25°♄06'08	
	7078 May 13 12:50	0°♄			7080 Oct 21 13:53	0°♄	
	7078 Jun 07 14:04	0°♄			7080 Nov 15 13:08	0°♄	
	7078 Jul 03 16:09	0°♄			7080 Dec 10 02:28	0°♄	
	7078 Aug 01 02:48	0°♄			7081 Jan 03 09:09	0°♄	
evening max el	7078 Aug 01 12:01	0°♄22'26	45°47'09	morning set	7081 Jan 22 09:56	23°♄40'44	
desc. node	7078 Aug 22 08:27	18°♄34'38			7081 Jan 27 11:29	0°♄	
greatest brilliancy	7078 Sep 09 00:28	28°♄44'38	-4.7m	desc. node	7081 Feb 06 03:06	12°♄03'48	
	7078 Sep 13 06:46	0°♄			7081 Feb 20 10:47	0°♄	
retrograde	7078 Sep 19 11:28	0°♄42'52		max. Earth dist.	7081 Mar 01 17:45	11°♄39'39	1.71321 AU
	7078 Sep 25 11:52	30°♄					
evening set	7078 Oct 07 08:52	24°♄42'38		superior conj	7081 Mar 03 17:54	14°♄10'50	-0°57'11
inferior conj	7078 Oct 11 00:35	22°♄26'22	-8°26'43	minimum elong	7081 Mar 03 06:14	13°♄34'13	0°56'43
minimum elong	7078 Oct 10 20:43	22°♄32'27	8°26'28		7081 Mar 16 08:02	0°♄	
min. Earth dist.	7078 Oct 10 23:56	22°♄27'24	0.29170 AU		7081 Apr 09 04:38	0°♄	
morning rise	7078 Oct 14 08:35	20°♄21'47		evening rise	7081 Apr 13 08:37	5°♄13'58	
direct	7078 Nov 01 14:55	14°♄08'14			7081 May 03 02:42	0°♄	
greatest brilliancy	7078 Nov 12 01:17	16°♄06'35	-4.7m		7081 May 27 04:33	0°♄	
	7078 Dec 04 10:04	0°♄		asc. node	7081 May 30 02:59	3°♄38'19	
asc. node	7078 Dec 13 08:37	7°♄46'32			7081 Jun 20 12:24	0°♄	
morning max el	7078 Dec 20 23:08	15°♄00'42	46°03'25		7081 Jul 15 04:43	0°♄	
	7079 Jan 04 12:47	0°♄			7081 Aug 09 09:51	0°♄	
	7079 Jan 31 07:23	0°♄			7081 Sep 04 12:52	0°♄	
	7079 Feb 25 15:06	0°♄		desc. node	7081 Sep 18 20:03	15°♄41'32	
	7079 Mar 22 06:35	0°♄			7081 Oct 02 12:38	0°♄	
desc. node	7079 Apr 04 01:17	15°♄44'33		evening max el	7081 Oct 11 14:09	8°♄55'20	45°43'18
	7079 Apr 15 13:37	0°♄			7081 Nov 05 23:08	0°♄	
	7079 May 09 16:29	0°♄		greatest brilliancy	7081 Nov 20 00:15	7°♄08'45	-4.8m
	7079 Jun 02 18:15	0°♄		retrograde	7081 Nov 29 09:06	8°♄45'01	
morning set	7079 Jun 25 06:10	27°♄59'17		evening set	7081 Dec 15 05:52	3°♄55'24	
	7079 Jun 26 21:03	0°♄		inferior conj	7081 Dec 20 10:30	0°♄49'01	-4°49'20
	7079 Jul 21 01:49	0°♄		minimum elong	7081 Dec 20 19:50	0°♄34'35	4°46'51
asc. node	7079 Jul 26 00:39	6°♄07'33		min. Earth dist.	7081 Dec 21 08:11	0°♄15'31	0.27933 AU
					7081 Dec 21 18:14	30°♄	
superior conj	7079 Aug 02 10:54	15°♄18'21	0°17'49	morning rise	7081 Dec 26 09:05	27°♄15'59	
minimum elong	7079 Aug 02 07:01	15°♄06'20	0°17'34	asc. node	7082 Jan 09 20:15	22°♄43'23	
max. Earth dist.	7079 Aug 04 13:21	17°♄54'06	1.72974 AU	direct	7082 Jan 10 13:47	22°♄42'44	
	7079 Aug 14 08:31	0°♄		greatest brilliancy	7082 Jan 21 18:29	25°♄02'40	-4.8m
	7079 Sep 07 16:50	0°♄			7082 Jan 31 06:12	0°♄	
evening rise	7079 Sep 08 07:34	0°♄45'20		morning max el	7082 Mar 02 01:04	25°♄30'51	46°48'23
	7079 Oct 02 03:04	0°♄			7082 Mar 06 10:16	0°♄	
	7079 Oct 26 16:10	0°♄			7082 Apr 02 17:09	0°♄	
desc. node	7079 Nov 14 17:37	23°♄09'44			7082 Apr 28 07:07	0°♄	
	7079 Nov 20 09:08	0°♄		desc. node	7082 May 01 13:21	3°♄53'43	
	7079 Dec 15 06:50	0°♄			7082 May 23 04:14	0°♄	
	7080 Jan 09 11:08	0°♄			7082 Jun 16 18:06	0°♄	

	7082 Jul 11 05:32	0°☿		retrograde	7085 Feb 10 21:53	21°☿42'30	
	7082 Aug 04 16:29	0°♌		evening set	7085 Feb 26 00:26	17°☿13'01	
asc. node	7082 Aug 22 12:42	21°♌54'03		min. Earth dist.	7085 Mar 03 05:44	14°☿07'27	0.26871 AU
	7082 Aug 29 02:59	0°♍		inferior conj	7085 Mar 03 12:03	13°☿57'45	6°00'20
morning set	7082 Sep 03 02:58	6°♍08'32		minimum elong	7085 Mar 03 01:10	14°☿14'27	5°57'40
	7082 Sep 22 12:28	0°♎		morning rise	7085 Mar 08 01:55	11°☿13'10	
max. Earth dist.	7082 Oct 09 00:23	20°♎19'14	1.73338 AU	direct	7085 Mar 24 03:02	6°☿12'36	
				greatest brilliancy	7085 Apr 02 19:58	7°☿59'53	-4.9m
superior conj	7082 Oct 09 19:36	21°♎18'29	1°23'49		7085 May 04 06:30	0°♏	
minimum elong	7082 Oct 09 15:44	21°♎06'33	1°23'48	morning max el	7085 May 13 13:18	8°♏59'57	46°54'12
	7082 Oct 16 20:46	0°♏		desc. node	7085 May 29 01:12	25°♏13'00	
	7082 Nov 10 04:28	0°♐			7085 Jun 02 10:23	0°♑	
evening rise	7082 Nov 15 09:42	6°♐26'19			7085 Jun 28 21:36	0°♒	
	7082 Dec 04 12:11	0°♑			7085 Jul 24 10:52	0°☿	
desc. node	7082 Dec 12 05:20	9°♑30'54			7085 Aug 18 14:27	0°♌	
	7082 Dec 28 20:07	0°♒			7085 Sep 12 12:04	0°♍	
	7083 Jan 22 04:18	0°☿		asc. node	7085 Sep 19 00:48	7°♍54'42	
	7083 Feb 15 13:48	0°♏			7085 Oct 07 04:25	0°♎	
	7083 Mar 12 04:10	0°♑			7085 Oct 31 15:49	0°♏	
asc. node	7083 Apr 04 05:25	27°♑34'06		morning set	7085 Nov 10 12:42	12°♏09'40	
	7083 Apr 06 07:02	0°♒			7085 Nov 24 23:16	0°♐	
	7083 May 02 14:34	0°☿		max. Earth dist.	7085 Dec 14 23:18	24°♐47'33	1.72518 AU
evening max el	7083 May 20 09:08	18°☿43'11	46°35'47				
	7083 Jun 01 05:45	0°♌		superior conj	7085 Dec 17 15:28	28°♐06'42	0°50'01
greatest brilliancy	7083 Jun 28 09:16	18°♌36'03	-4.8m	minimum elong	7085 Dec 18 00:55	28°♐36'03	0°49'43
retrograde	7083 Jul 09 11:13	20°♌51'56			7085 Dec 19 03:58	0°♑	
evening set	7083 Jul 24 08:35	16°♌29'32		desc. node	7086 Jan 08 17:12	25°♑33'34	
desc. node	7083 Jul 24 22:39	16°♌10'01			7086 Jan 12 06:45	0°♒	
min. Earth dist.	7083 Jul 30 04:21	13°♌01'23	0.28270 AU	evening rise	7086 Jan 25 14:20	16°♒35'55	
inferior conj	7083 Jul 30 17:21	12°♌41'09	-1°24'51		7086 Feb 05 07:57	0°☿	
minimum elong	7083 Jul 30 14:11	12°♌46'05	1°23'57		7086 Mar 01 08:05	0°♏	
morning rise	7083 Aug 05 20:30	9°♌02'05			7086 Mar 25 08:45	0°♑	
direct	7083 Aug 20 22:44	4°♌37'58			7086 Apr 18 12:59	0°♒	
greatest brilliancy	7083 Aug 30 17:45	6°♌22'36	-4.7m	asc. node	7086 May 01 17:11	16°♒11'39	
	7083 Oct 04 00:11	0°♍			7086 May 13 01:07	0°☿	
morning max el	7083 Oct 08 16:23	4°♍22'36	45°41'38		7086 Jun 07 03:23	0°♌	
	7083 Nov 02 15:49	0°♎			7086 Jul 03 07:42	0°♍	
asc. node	7083 Nov 14 22:50	13°♎33'31		evening max el	7086 Jul 30 02:39	28°♍08'06	45°48'08
	7083 Nov 29 08:48	0°♏			7086 Aug 01 00:57	0°♎	
	7083 Dec 24 19:05	0°♐		desc. node	7086 Aug 21 10:31	17°♎27'25	
	7084 Jan 18 12:38	0°♑		greatest brilliancy	7086 Sep 06 16:01	26°♎35'02	-4.7m
	7084 Feb 11 20:30	0°♒		retrograde	7086 Sep 17 03:14	28°♎34'03	
desc. node	7084 Mar 05 15:12	28°♒22'00		evening set	7086 Oct 04 22:50	22°♎37'13	
	7084 Mar 06 22:34	0°☿		inferior conj	7086 Oct 08 17:01	20°♎17'23	-8°22'26
	7084 Mar 30 21:13	0°♏		minimum elong	7086 Oct 08 12:27	20°♎24'34	8°22'05
morning set	7084 Apr 08 06:43	10°♏32'31		min. Earth dist.	7086 Oct 08 15:39	20°♎19'33	0.29174 AU
	7084 Apr 23 18:24	0°♑		morning rise	7086 Oct 12 02:03	18°♎11'10	
	7084 May 17 16:07	0°♒		direct	7086 Oct 30 06:44	11°♎59'15	
				greatest brilliancy	7086 Nov 09 17:24	13°♎57'19	-4.7m
superior conj	7084 May 18 17:25	1°♒19'12	-1°17'11		7086 Dec 04 16:53	0°♏	
minimum elong	7084 May 19 03:05	1°♒49'30	1°17'01	asc. node	7086 Dec 12 10:31	6°♏53'20	
max. Earth dist.	7084 May 22 01:16	5°♒29'17	1.71624 AU	morning max el	7086 Dec 18 13:32	12°♏44'46	46°01'58
	7084 Jun 10 16:09	0°☿			7087 Jan 04 06:17	0°♐	
asc. node	7084 Jun 26 14:47	19°☿49'48			7087 Jan 30 21:34	0°♑	
evening rise	7084 Jun 27 11:12	20°☿53'09			7087 Feb 25 03:54	0°♒	
	7084 Jul 04 19:41	0°♌			7087 Mar 21 18:39	0°☿	
	7084 Jul 29 03:24	0°♍		desc. node	7087 Apr 03 03:12	15°☿14'07	
	7084 Aug 22 16:10	0°♎			7087 Apr 15 01:13	0°♏	
	7084 Sep 16 11:55	0°♏			7087 May 09 03:45	0°♑	
	7084 Oct 11 17:52	0°♐			7087 Jun 02 05:15	0°♒	
desc. node	7084 Oct 16 07:47	5°♐22'15		morning set	7087 Jun 22 20:54	25°♒42'22	
	7084 Nov 06 15:21	0°♑			7087 Jun 26 07:50	0°☿	
	7084 Dec 03 16:03	0°♒			7087 Jul 20 12:28	0°♌	
evening max el	7084 Dec 23 00:56	19°♒59'37	46°27'27	asc. node	7087 Jul 25 02:42	5°♌41'02	
	7085 Jan 02 16:02	0°☿					
greatest brilliancy	7085 Jan 31 23:41	19°☿52'19	-4.9m	superior conj	7087 Jul 31 03:19	13°♌08'02	0°14'30
asc. node	7085 Feb 06 08:10	21°☿18'09		minimum elong	7087 Jul 31 00:07	12°♌58'08	0°14'18

behind sun begin	7087 Jul 30 13:31	12° Ω 25'25		morning rise	7089 Dec 23 21:48	25° \mathbb{X} 02'46	
behind sun end	7087 Jul 31 10:42	13° Ω 30'52		direct	7090 Jan 08 05:43	20° \mathbb{X} 26'01	
max. Earth dist.	7087 Aug 02 06:38	15° Ω 46'34	1.72938 AU	asc. node	7090 Jan 08 22:22	20° \mathbb{X} 26'36	
	7087 Aug 13 19:07	0° \mathbb{M}		greatest brilliancy	7090 Jan 19 09:39	22° \mathbb{X} 45'36	-4.8m
evening rise	7087 Sep 06 01:37	28° \mathbb{M} 40'32			7090 Feb 01 07:23	0° \mathbb{Z}	
	7087 Sep 07 03:28	0° \mathbb{L}		morning max el	7090 Feb 27 16:54	23° \mathbb{Z} 14'34	46°47'03
	7087 Oct 01 13:51	0° \mathbb{M}			7090 Mar 06 06:24	0° \approx	
	7087 Oct 26 03:15	0° \mathbb{X}			7090 Apr 02 08:26	0° \mathbb{H}	
desc. node	7087 Nov 13 19:29	22° \mathbb{X} 40'38			7090 Apr 27 20:26	0° \mathbb{Y}	
	7087 Nov 19 20:44	0° \mathbb{Z}		desc. node	7090 Apr 30 15:17	3° \mathbb{Y} 20'06	
	7087 Dec 14 19:10	0° \approx			7090 May 22 16:30	0° \mathbb{B}	
	7088 Jan 09 00:40	0° \mathbb{H}			7090 Jun 16 05:44	0° \mathbb{I}	
	7088 Feb 03 20:27	0° \mathbb{Y}			7090 Jul 10 16:43	0° \mathbb{G}	
	7088 Mar 02 06:18	0° \mathbb{B}			7090 Aug 04 03:19	0° Ω	
asc. node	7088 Mar 05 19:48	3° \mathbb{B} 38'39		asc. node	7090 Aug 21 14:44	21° Ω 27'39	
evening max el	7088 Mar 05 19:10	3° \mathbb{B} 37'02	47°03'12		7090 Aug 28 13:34	0° \mathbb{M}	
	7088 Apr 05 15:56	0° \mathbb{I}		morning set	7090 Aug 31 20:11	4° \mathbb{M} 01'30	
greatest brilliancy	7088 Apr 15 13:39	4° \mathbb{I} 57'33	-4.9m		7090 Sep 21 22:55	0° \mathbb{L}	
retrograde	7088 Apr 25 11:22	6° \mathbb{I} 49'49		max. Earth dist.	7090 Oct 06 22:14	18° \mathbb{L} 26'32	1.73342 AU
evening set	7088 May 13 00:38	0° \mathbb{I} 54'40					
	7088 May 14 12:46	30° \mathbb{R} \mathbb{B}		superior conj	7090 Oct 07 13:38	19° \mathbb{L} 13'59	1°23'04
inferior conj	7088 May 16 07:04	28° \mathbb{B} 54'48	8°13'34	minimum elong	7090 Oct 07 09:08	19° \mathbb{L} 00'07	1°23'03
minimum elong	7088 May 16 15:45	28° \mathbb{B} 41'22	8°12'18		7090 Oct 16 07:11	0° \mathbb{M}	
min. Earth dist.	7088 May 16 06:17	28° \mathbb{B} 56'01	0.27336 AU		7090 Nov 09 14:58	0° \mathbb{X}	
morning rise	7088 May 20 06:57	26° \mathbb{B} 29'11		evening rise	7090 Nov 13 02:36	4° \mathbb{X} 17'55	
direct	7088 Jun 05 23:30	21° \mathbb{B} 04'49			7090 Dec 03 22:53	0° \mathbb{Z}	
greatest brilliancy	7088 Jun 15 16:19	22° \mathbb{B} 49'42	-4.8m	desc. node	7090 Dec 11 07:21	9° \mathbb{Z} 03'51	
desc. node	7088 Jun 25 12:49	27° \mathbb{B} 34'12			7090 Dec 28 07:07	0° \approx	
	7088 Jun 29 07:55	0° \mathbb{I}			7091 Jan 21 15:42	0° \mathbb{H}	
morning max el	7088 Jul 25 14:22	22° \mathbb{I} 20'45	46°11'53		7091 Feb 15 01:45	0° \mathbb{Y}	
	7088 Aug 02 06:23	0° \mathbb{G}			7091 Mar 11 16:56	0° \mathbb{B}	
	7088 Aug 30 05:23	0° Ω		asc. node	7091 Apr 03 07:21	26° \mathbb{B} 58'32	
	7088 Sep 25 13:32	0° \mathbb{M}			7091 Apr 05 21:14	0° \mathbb{I}	
asc. node	7088 Oct 16 12:46	24° \mathbb{M} 36'28			7091 May 02 07:56	0° \mathbb{G}	
	7088 Oct 21 01:42	0° \mathbb{L}		evening max el	7091 May 18 01:08	16° \mathbb{G} 28'45	46°37'28
	7088 Nov 15 00:22	0° \mathbb{M}			7091 Jun 01 10:35	0° Ω	
	7088 Dec 09 13:24	0° \mathbb{X}		greatest brilliancy	7091 Jun 26 01:32	16° Ω 22'33	-4.8m
morning set	7089 Jan 02 19:58	0° \mathbb{Z}		retrograde	7091 Jul 07 03:02	18° Ω 37'37	
	7089 Jan 19 23:18	21° \mathbb{Z} 19'12		evening set	7091 Jul 22 00:06	14° Ω 15'44	
	7089 Jan 26 22:15	0° \approx		desc. node	7091 Jul 24 00:46	13° Ω 06'22	
desc. node	7089 Feb 05 05:11	11° \approx 36'41		inferior conj	7091 Jul 28 08:32	10° Ω 27'30	-1°03'44
	7089 Feb 19 21:33	0° \mathbb{H}		minimum elong	7091 Jul 28 06:09	10° Ω 31'14	1°03'04
max. Earth dist.	7089 Feb 27 04:36	9° \mathbb{H} 09'08	1.71349 AU	min. Earth dist.	7091 Jul 27 19:52	10° Ω 47'15	0.28222 AU
				morning rise	7091 Aug 03 12:58	6° Ω 46'44	
superior conj	7089 Mar 01 04:52	11° \mathbb{H} 40'40	-0°54'07	direct	7091 Aug 18 14:01	2° Ω 25'12	
minimum elong	7089 Feb 28 17:27	11° \mathbb{H} 04'50	0°53'39	greatest brilliancy	7091 Aug 28 07:56	4° Ω 09'04	-4.7m
	7089 Mar 15 18:49	0° \mathbb{Y}			7091 Oct 04 00:03	0° \mathbb{M}	
	7089 Apr 08 15:29	0° \mathbb{B}		morning max el	7091 Oct 06 07:27	2° \mathbb{M} 10'59	45°41'53
evening rise	7089 Apr 10 19:09	2° \mathbb{B} 42'14			7091 Nov 02 07:34	0° \mathbb{L}	
	7089 May 02 13:39	0° \mathbb{I}		asc. node	7091 Nov 14 00:44	12° \mathbb{L} 58'46	
	7089 May 26 15:39	0° \mathbb{G}			7091 Nov 28 21:55	0° \mathbb{M}	
asc. node	7089 May 29 04:55	3° \mathbb{G} 09'53			7091 Dec 24 07:02	0° \mathbb{X}	
	7089 Jun 19 23:43	0° Ω			7092 Jan 18 00:00	0° \mathbb{Z}	
	7089 Jul 14 16:29	0° \mathbb{M}			7092 Feb 11 07:35	0° \approx	
	7089 Aug 08 22:30	0° \mathbb{L}		desc. node	7092 Mar 04 17:10	27° \approx 53'56	
desc. node	7089 Sep 04 03:26	0° \mathbb{M}			7092 Mar 06 09:31	0° \mathbb{H}	
	7089 Sep 17 22:05	15° \mathbb{M} 02'54			7092 Mar 30 08:05	0° \mathbb{Y}	
	7089 Oct 02 08:15	0° \mathbb{X}		morning set	7092 Apr 05 16:57	7° \mathbb{Y} 59'57	
evening max el	7089 Oct 09 05:32	6° \mathbb{X} 44'06	45°42'30		7092 Apr 23 05:11	0° \mathbb{B}	
	7089 Nov 07 03:03	0° \mathbb{Z}					
greatest brilliancy	7089 Nov 17 13:32	4° \mathbb{Z} 53'08	-4.8m	superior conj	7092 May 16 05:10	28° \mathbb{B} 52'07	-1°18'56
retrograde	7089 Nov 26 23:46	6° \mathbb{Z} 30'05		minimum elong	7092 May 16 14:16	29° \mathbb{B} 20'37	1°18'49
evening set	7089 Dec 12 23:13	1° \mathbb{Z} 36'03			7092 May 17 02:50	0° \mathbb{I}	
	7089 Dec 15 16:34	30° \mathbb{R} \mathbb{X}		max. Earth dist.	7092 May 19 13:03	3° \mathbb{I} 02'21	1.71580 AU
inferior conj	7089 Dec 18 01:11	28° \mathbb{X} 33'02	-5°07'01		7092 Jun 10 02:49	0° \mathbb{G}	
minimum elong	7089 Dec 18 10:49	28° \mathbb{X} 18'07	5°04'31	evening rise	7092 Jun 25 00:56	18° \mathbb{G} 33'40	
min. Earth dist.	7089 Dec 18 22:42	27° \mathbb{X} 59'44	0.27999 AU	asc. node	7092 Jun 25 16:50	19° \mathbb{G} 23'01	

	7092 Jul 04 06:22	0°♈			7095 Mar 21 06:28	0°♈		
	7092 Jul 28 14:13	0°♍		desc. node	7095 Apr 02 05:09	14°♈44'23		
	7092 Aug 22 03:15	0°♊			7095 Apr 14 12:37	0°♍		
	7092 Sep 15 23:28	0°♎			7095 May 08 14:52	0°♉		
	7092 Oct 11 06:17	0°♌			7095 Jun 01 16:11	0°♊		
desc. node	7092 Oct 15 09:41	4°♌50'52		morning set	7095 Jun 20 11:07	23°♊23'39		
	7092 Nov 06 05:23	0°♋			7095 Jun 25 18:38	0°♎		
	7092 Dec 03 09:39	0°♏			7095 Jul 19 23:10	0°♈		
evening max el	7092 Dec 20 14:11	17°♏38'13	46°25'32	asc. node	7095 Jul 24 04:43	5°♈14'14		
	7093 Jan 02 21:46	0°♈						
greatest brilliancy	7093 Jan 29 13:09	17°♈28'08	-4.9m	superior conj	7095 Jul 28 19:04	10°♈55'26	0°11'06	
asc. node	7093 Feb 05 10:09	19°♈06'38		minimum elong	7095 Jul 28 16:36	10°♈47'48	0°10'55	
retrograde	7093 Feb 08 09:47	19°♈17'07		behind sun begin	7095 Jul 27 23:11	9°♈53'59		
evening set	7093 Feb 23 10:09	14°♈52'04		behind sun end	7095 Jul 29 10:00	11°♈41'37		
inferior conj	7093 Mar 01 00:50	11°♈32'44	5°41'29	max. Earth dist.	7095 Jul 30 22:52	13°♈35'32	1.72903 AU	
minimum elong	7093 Feb 28 14:10	11°♈49'06	5°38'48		7095 Aug 13 05:45	0°♍		
min. Earth dist.	7093 Feb 28 19:35	11°♈40'47	0.26876 AU	evening rise	7095 Sep 03 19:10	26°♍34'04		
morning rise	7093 Mar 05 18:07	8°♈43'01			7095 Sep 06 14:08	0°♊		
direct	7093 Mar 21 15:32	3°♈47'11			7095 Oct 01 00:40	0°♎		
greatest brilliancy	7093 Mar 31 10:42	5°♈35'59	-4.9m		7095 Oct 25 14:24	0°♌		
	7093 May 04 09:07	0°♍		desc. node	7095 Nov 12 21:31	22°♌11'55		
morning max el	7093 May 11 01:22	6°♍32'37	46°54'59		7095 Nov 19 08:24	0°♋		
desc. node	7093 May 28 03:10	24°♍29'09			7095 Dec 14 07:37	0°♏		
	7093 Jun 02 03:39	0°♉			7096 Jan 08 14:18	0°♈		
	7093 Jun 28 11:46	0°♊			7096 Feb 03 12:18	0°♍		
	7093 Jul 23 23:30	0°♎			7096 Mar 02 03:48	0°♉		
	7093 Aug 18 02:10	0°♈		evening max el	7096 Mar 03 08:54	1°♉13'52	47°03'06	
	7093 Sep 11 23:13	0°♍		asc. node	7096 Mar 04 21:43	2°♉46'29		
asc. node	7093 Sep 18 02:39	7°♍26'52			7096 Apr 07 09:21	0°♊		
	7093 Oct 06 15:13	0°♊		greatest brilliancy	7096 Apr 13 03:08	2°♊33'53	-4.9m	
	7093 Oct 31 02:26	0°♎		retrograde	7096 Apr 23 01:27	4°♊26'50		
morning set	7093 Nov 08 05:46	10°♎01'38			7096 May 08 00:31	30°♎♉		
	7093 Nov 24 09:47	0°♌		evening set	7096 May 10 17:11	28°♉26'52		
max. Earth dist.	7093 Dec 12 15:34	22°♌36'24	1.72558 AU	inferior conj	7096 May 13 20:31	26°♉31'51	8°23'25	
				minimum elong	7096 May 14 04:36	26°♉19'21	8°22'20	
superior conj	7093 Dec 15 07:05	25°♌53'27	0°52'48	min. Earth dist.	7096 May 13 19:14	26°♉33'50	0.27321 AU	
minimum elong	7093 Dec 15 16:44	26°♌23'24	0°52'29	morning rise	7096 May 17 16:07	24°♉12'49		
	7093 Dec 18 14:31	0°♋		direct	7096 Jun 03 12:57	18°♉41'59		
desc. node	7094 Jan 07 19:18	25°♋07'02		greatest brilliancy	7096 Jun 13 04:56	20°♉26'47	-4.8m	
	7094 Jan 11 17:24	0°♏		desc. node	7096 Jun 24 14:58	26°♉09'06		
evening rise	7094 Jan 23 03:58	14°♏15'26			7096 Jun 30 05:36	0°♊		
	7094 Feb 04 18:45	0°♈		morning max el	7096 Jul 23 05:29	20°♊04'34	46°13'24	
	7094 Feb 28 19:05	0°♍			7096 Aug 02 02:24	0°♎		
	7094 Mar 24 20:00	0°♉			7096 Aug 29 20:29	0°♈		
	7094 Apr 18 00:37	0°♊			7096 Sep 25 02:33	0°♍		
asc. node	7094 Apr 30 19:05	15°♊41'00		asc. node	7096 Oct 15 14:45	24°♍06'29		
	7094 May 12 13:22	0°♎			7096 Oct 20 13:38	0°♊		
	7094 Jun 06 16:46	0°♈			7096 Nov 14 11:43	0°♎		
	7094 Jul 02 23:29	0°♍			7096 Dec 09 00:27	0°♌		
evening max el	7094 Jul 27 17:01	25°♍53'08	45°49'22		7097 Jan 02 06:53	0°♋		
	7094 Aug 01 00:03	0°♊		morning set	7097 Jan 17 12:49	18°♋57'49		
desc. node	7094 Aug 20 12:28	16°♊18'12			7097 Jan 26 09:09	0°♏		
greatest brilliancy	7094 Sep 04 06:53	24°♊24'36	-4.7m	desc. node	7097 Feb 04 07:07	11°♏08'41		
retrograde	7094 Sep 14 19:14	26°♊25'16			7097 Feb 19 08:26	0°♈		
evening set	7094 Oct 02 12:25	20°♊31'49		max. Earth dist.	7097 Feb 24 14:46	6°♈36'12	1.71371 AU	
inferior conj	7094 Oct 06 09:18	18°♊08'12	-8°17'24					
minimum elong	7094 Oct 06 04:03	18°♊16'28	8°16'59	superior conj	7097 Feb 26 16:04	9°♈10'56	-0°50'58	
min. Earth dist.	7094 Oct 06 06:59	18°♊11'51	0.29174 AU	minimum elong	7097 Feb 26 05:00	8°♈36'14	0°50'30	
morning rise	7094 Oct 09 19:38	16°♊00'10			7097 Mar 15 05:42	0°♍		
direct	7094 Oct 27 22:30	9°♊50'01		evening rise	7097 Apr 08 06:00	0°♉11'18		
greatest brilliancy	7094 Nov 07 09:28	11°♊48'11	-4.7m		7097 Apr 08 02:25	0°♉		
	7094 Dec 04 21:28	0°♎			7097 May 02 00:39	0°♊		
asc. node	7094 Dec 11 12:36	6°♎01'53			7097 May 26 02:48	0°♎		
morning max el	7094 Dec 16 04:42	10°♎31'07	46°00'46	asc. node	7097 May 28 06:59	2°♎41'41		
	7095 Jan 03 23:15	0°♌			7097 Jun 19 11:09	0°♈		
	7095 Jan 30 11:26	0°♋			7097 Jul 14 04:26	0°♍		
	7095 Feb 24 16:25	0°♏			7097 Aug 08 11:29	0°♊		

	7097 Sep 03 18:32	0°♌			7100 Mar 06 20:47	0°♏
desc. node	7097 Sep 17 00:00	14°♌22'37			7100 Mar 30 19:15	0°♏
	7097 Oct 02 04:56	0°♏		morning set	7100 Apr 04 03:03	5°♏25'55
evening max el	7097 Oct 06 21:02	4°♏32'05 45°41'44			7100 Apr 23 16:17	0°♏
	7097 Nov 08 20:21	0°♏				
greatest brilliancy	7097 Nov 15 03:13	2°♏37'03 -4.8m	superior conj	7100 May 14 16:59	26°♏24'09 -1°20'32	
retrograde	7097 Nov 24 14:02	4°♏13'58	minimum elong	7100 May 15 01:27	26°♏50'40 1°20'27	
	7097 Dec 09 08:41	30°♏♏		7100 May 17 13:52	0°♏	
evening set	7097 Dec 10 16:35	29°♏15'45	max. Earth dist.	7100 May 17 22:13	0°♏26'09 1.71535 AU	
inferior conj	7097 Dec 15 15:47	26°♏16'09 -5°24'05		7100 Jun 10 13:49	0°♏	
minimum elong	7097 Dec 16 01:39	26°♏00'50 5°21'37	evening rise	7100 Jun 23 14:41	16°♏13'09	
min. Earth dist.	7097 Dec 16 13:09	25°♏43'01 0.28061 AU	asc. node	7100 Jun 25 18:49	18°♏55'01	
morning rise	7097 Dec 21 10:12	22°♏48'41		7100 Jul 04 17:23	0°♏	
direct	7098 Jan 05 21:27	18°♏08'32		7100 Jul 29 01:20	0°♏	
asc. node	7098 Jan 08 00:22	18°♏13'55		7100 Aug 22 14:39	0°♏	
greatest brilliancy	7098 Jan 17 00:28	20°♏27'14 -4.8m		7100 Sep 16 11:23	0°♌	
	7098 Feb 02 02:16	0°♏		7100 Oct 11 19:10	0°♏	
morning max el	7098 Feb 25 07:47	20°♏55'09 46°45'44	desc. node	7100 Oct 15 11:43	4°♏18'36	
	7098 Mar 06 02:10	0°♏		7100 Nov 06 20:04	0°♏	
	7098 Apr 01 23:43	0°♏		7100 Dec 04 04:17	0°♏	
	7098 Apr 27 09:51	0°♏	evening max el	7100 Dec 19 02:42	15°♏13'38 46°23'36	
desc. node	7098 Apr 29 17:16	2°♏46'14		7101 Jan 04 06:38	0°♏	
	7098 May 22 04:54	0°♏	greatest brilliancy	7101 Jan 28 02:32	15°♏02'14 -4.9m	
	7098 Jun 15 17:30	0°♏	asc. node	7101 Feb 05 12:04	16°♏48'06	
	7098 Jul 10 04:02	0°♏	retrograde	7101 Feb 06 21:50	16°♏50'28	
	7098 Aug 03 14:19	0°♏	evening set	7101 Feb 21 19:59	12°♏29'07	
asc. node	7098 Aug 20 16:35	20°♏59'58	inferior conj	7101 Feb 27 13:32	9°♏06'15 5°22'02	
	7098 Aug 28 00:23	0°♏	minimum elong	7101 Feb 27 03:10	9°♏22'10 5°19'19	
morning set	7098 Aug 29 13:19	1°♏53'28	min. Earth dist.	7101 Feb 27 09:26	9°♏12'33 0.26880 AU	
	7098 Sep 21 09:39	0°♏	morning rise	7101 Mar 04 10:10	6°♏11'46	
max. Earth dist.	7098 Oct 04 17:46	16°♏25'44 1.73350 AU	direct	7101 Mar 20 03:50	1°♏20'09	
			greatest brilliancy	7101 Mar 30 01:30	3°♏10'58 -4.9m	
superior conj	7098 Oct 05 07:27	17°♏07'56 1°22'13		7101 May 05 10:46	0°♏	
minimum elong	7098 Oct 05 02:22	16°♏52'16 1°22'10	morning max el	7101 May 09 13:53	4°♏05'20 46°55'50	
	7098 Oct 15 17:57	0°♌	desc. node	7101 May 28 05:17	23°♏45'18	
	7098 Nov 09 01:50	0°♏		7101 Jun 02 20:54	0°♏	
evening rise	7098 Nov 10 19:11	2°♏07'31		7101 Jun 29 02:07	0°♏	
	7098 Dec 03 09:56	0°♏		7101 Jul 24 12:22	0°♏	
desc. node	7098 Dec 10 09:22	8°♏35'45		7101 Aug 18 14:10	0°♏	
	7098 Dec 27 18:28	0°♏		7101 Sep 12 10:39	0°♏	
	7099 Jan 21 03:28	0°♏	asc. node	7101 Sep 18 04:42	6°♏58'44	
	7099 Feb 14 14:05	0°♏		7101 Oct 07 02:18	0°♏	
	7099 Mar 11 06:07	0°♏		7101 Oct 31 13:20	0°♌	
asc. node	7099 Apr 02 09:20	26°♏21'59	morning set	7101 Nov 06 23:01	7°♌53'20	
	7099 Apr 05 11:54	0°♏		7101 Nov 24 20:39	0°♏	
	7099 May 02 01:59	0°♏	max. Earth dist.	7101 Dec 11 09:41	20°♏29'50 1.72605 AU	
evening max el	7099 May 15 16:26	14°♏11'45 46°39'13				
	7099 Jun 01 17:49	0°♏	superior conj	7101 Dec 13 22:43	23°♏39'09 0°55'28	
greatest brilliancy	7099 Jun 23 18:29	14°♏09'26 -4.8m	minimum elong	7101 Dec 14 08:30	24°♏09'32 0°55'11	
retrograde	7099 Jul 04 18:33	16°♏23'04		7101 Dec 19 01:26	0°♏	
evening set	7099 Jul 19 15:58	12°♏01'29	desc. node	7102 Jan 07 21:14	24°♏38'42	
desc. node	7099 Jul 23 02:39	10°♏01'04		7102 Jan 12 04:28	0°♏	
inferior conj	7099 Jul 25 23:56	8°♏13'45 -0°42'42				
minimum elong	7099 Jul 25 22:19	8°♏16'16 0°42'15				
min. Earth dist.	7099 Jul 25 11:50	8°♏32'38 0.28176 AU				
morning rise	7099 Aug 01 05:26	4°♏31'18				
direct	7099 Aug 16 05:05	0°♏12'16				
greatest brilliancy	7099 Aug 25 22:42	1°♏55'40 -4.7m				
	7099 Oct 03 23:11	0°♏				
morning max el	7099 Oct 03 21:42	29°♏56'29 45°41'58				
	7099 Nov 01 23:27	0°♏				
asc. node	7099 Nov 13 02:49	12°♏23'36				
	7099 Nov 28 11:22	0°♌				
	7099 Dec 23 19:22	0°♏				
	7100 Jan 17 11:46	0°♏				
	7100 Feb 10 19:01	0°♏				
desc. node	7100 Mar 04 19:04	27°♏24'36				