

Planetary Phenomena of Venus from -3900 through -3398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 1

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3899 Mar 30 j 06:50	8° H 12'55	-1°00'18	inferior conj	-3897 Aug 18 j 12:33	24° O 02'23	-8°56'35
minimum elong	-3899 Mar 30 j 15:28	8° H 39'25	1°00'05	minimum elong	-3897 Aug 18 j 12:07	24° O 03'03	8°56'26
	-3899 Apr 17 j 00:51	0° Y		min. Earth dist.	-3897 Aug 18 j 21:43	23° O 48'33	0.27161 AU
asc. node	-3899 Apr 28 j 01:09	13° Y 31'28		morning rise	-3897 Aug 21 j 09:38	22° O 18'59	
evening rise	-3899 May 05 j 07:44	22° Y 27'31		direct	-3897 Sep 08 j 07:35	16° O 16'40	
	-3899 May 11 j 11:03	0° B		greatest brilliancy	-3897 Sep 19 j 02:49	18° O 28'59	-4.9m
	-3899 Jun 04 j 20:46	0° II			-3897 Oct 07 j 17:04	0° O	
	-3899 Jun 29 j 06:38	0° O		asc. node	-3897 Oct 13 j 20:11	5° O 10'56	
	-3899 Jul 23 j 18:17	0° O		morning max el	-3897 Oct 29 j 04:22	19° O 56'43	46°52'21
	-3899 Aug 17 j 10:13	0° M			-3897 Nov 07 j 17:17	0° M	
desc. node	-3899 Aug 17 j 20:20	0° M 30'35			-3897 Dec 04 j 07:47	0° O	
	-3899 Sep 11 j 10:23	0° O			-3897 Dec 29 j 18:45	0° M	
	-3899 Oct 07 j 03:01	0° M			-3896 Jan 23 j 20:39	0° A	
	-3899 Nov 03 j 12:58	0° A		desc. node	-3896 Feb 02 j 17:20	11° A 50'59	
evening max el	-3899 Nov 04 j 06:16	0° A 44'23	47°17'45		-3896 Feb 17 j 18:59	0° O	
asc. node	-3899 Dec 08 j 17:01	29° A 42'47			-3896 Mar 13 j 14:49	0° \approx	
	-3899 Dec 09 j 05:32	0° O			-3896 Apr 07 j 07:52	0° H	
greatest brilliancy	-3899 Dec 14 j 12:40	2° O 30'02	-4.9m	morning set	-3896 Apr 30 j 03:31	27° H 51'18	
retrograde	-3899 Dec 25 j 07:58	4° O 44'42			-3896 May 01 j 21:34	0° Y	
	-3898 Jan 09 j 15:38	30° R A		asc. node	-3896 May 25 j 13:25	29° Y 04'32	
evening set	-3898 Jan 10 j 22:16	29° A 15'07			-3896 May 26 j 07:24	0° B	
min. Earth dist.	-3898 Jan 14 j 12:27	27° A 01'06	0.28281 AU	max. Earth dist.	-3896 Jun 01 j 03:06	7° B 10'57	1.73106 AU
inferior conj	-3898 Jan 15 j 10:57	26° A 25'11	7°27'32				
minimum elong	-3898 Jan 15 j 03:18	26° A 37'24	7°26'21	superior conj	-3896 Jun 04 j 23:59	11° B 57'54	0°24'14
morning rise	-3898 Jan 19 j 08:46	23° A 58'20		minimum elong	-3896 Jun 04 j 19:21	11° B 43'35	0°24'07
direct	-3898 Feb 05 j 10:11	18° A 17'35			-3896 Jun 19 j 13:20	0° II	
greatest brilliancy	-3898 Feb 14 j 06:35	19° A 44'35	-4.8m	evening rise	-3896 Jul 10 j 21:48	26° II 33'32	
	-3898 Mar 04 j 23:05	0° O			-3896 Jul 13 j 16:03	0° O	
morning max el	-3898 Mar 26 j 06:28	18° O 16'10	45°53'04		-3896 Aug 06 j 17:08	0° O	
desc. node	-3898 Mar 30 j 14:25	22° O 27'37			-3896 Aug 30 j 18:37	0° M	
	-3898 Apr 07 j 02:58	0° \approx		desc. node	-3896 Sep 14 j 08:36	18° M 07'40	
	-3898 May 05 j 01:48	0° H			-3896 Sep 23 j 22:28	0° O	
	-3898 May 31 j 08:21	0° Y			-3896 Oct 18 j 06:42	0° M	
	-3898 Jun 25 j 16:26	0° B			-3896 Nov 11 j 22:48	0° A	
	-3898 Jul 20 j 08:44	0° II			-3896 Dec 07 j 06:51	0° O	
asc. node	-3898 Jul 21 j 11:35	1° II 22'29			-3895 Jan 03 j 04:09	0° \approx	
	-3898 Aug 13 j 13:31	0° O		asc. node	-3895 Jan 05 j 04:42	2° \approx 07'57	
greatest brilliancy	-3898 Sep 05 j 12:31	28° O 49'18	-3.9m	evening max el	-3895 Jan 14 j 05:54	11° \approx 22'13	45°53'16
	-3898 Sep 06 j 10:57	0° O			-3895 Feb 04 j 05:42	0° H	
morning set	-3898 Sep 20 j 04:11	17° O 18'40		greatest brilliancy	-3895 Feb 21 j 14:25	10° H 12'25	-4.7m
	-3898 Sep 30 j 05:14	0° M		retrograde	-3895 Mar 04 j 09:50	12° H 19'48	
	-3898 Oct 23 j 23:45	0° O		evening set	-3895 Mar 21 j 06:21	6° H 52'03	
				inferior conj	-3895 Mar 25 j 20:31	4° H 01'01	6°24'44
superior conj	-3898 Oct 31 j 07:46	9° O 14'08	0°23'03	minimum elong	-3895 Mar 26 j 05:19	3° H 47'04	6°23'07
minimum elong	-3898 Oct 31 j 13:54	9° O 33'24	0°22'44	min. Earth dist.	-3895 Mar 26 j 07:36	3° H 43'25	0.29333 AU
max. Earth dist.	-3898 Nov 04 j 11:06	14° O 26'28	1.71078 AU	morning rise	-3895 Mar 31 j 04:18	0° H 44'08	
desc. node	-3898 Nov 10 j 07:05	21° O 46'12			-3895 Apr 01 j 11:34	30° R \approx	
	-3898 Nov 16 j 20:32	0° M		direct	-3895 Apr 16 j 15:44	25° \approx 34'39	
	-3898 Dec 10 j 20:23	0° A		greatest brilliancy	-3895 Apr 26 j 22:08	27° \approx 28'30	-4.7m
evening rise	-3898 Dec 12 j 18:38	2° A 24'07		desc. node	-3895 Apr 27 j 01:35	27° \approx 31'34	
	-3897 Jan 03 j 23:45	0° O			-3895 May 02 j 17:52	0° H	
	-3897 Jan 28 j 07:43	0° \approx		morning max el	-3895 Jun 04 j 15:08	25° H 32'27	45°54'58
	-3897 Feb 21 j 22:18	0° H			-3895 Jun 09 j 04:59	0° Y	
asc. node	-3897 Mar 03 j 02:43	11° H 04'58			-3895 Jul 07 j 11:45	0° B	
	-3897 Mar 18 j 22:40	0° Y			-3895 Aug 02 j 12:13	0° II	
	-3897 Apr 13 j 13:34	0° B		asc. node	-3895 Aug 17 j 23:25	18° II 31'39	
	-3897 May 10 j 04:31	0° II			-3895 Aug 27 j 09:26	0° O	
	-3897 Jun 07 j 23:51	0° O			-3895 Sep 20 j 15:13	0° O	
evening max el	-3897 Jun 09 j 08:12	1° O 18'02	45°54'47		-3895 Oct 14 j 13:32	0° M	
desc. node	-3897 Jun 22 j 22:41	13° O 36'39			-3895 Nov 07 j 10:07	0° O	
	-3897 Jul 18 j 21:48	0° O			-3895 Dec 01 j 08:26	0° M	
greatest brilliancy	-3897 Jul 19 j 09:05	0° O 09'23	-4.8m	morning set	-3895 Dec 06 j 07:55	6° M 13'26	
retrograde	-3897 Jul 28 j 17:02	1° O 44'22		desc. node	-3895 Dec 07 j 19:22	8° M 04'05	
	-3897 Aug 07 j 01:53	30° R O			-3895 Dec 25 j 09:40	0° A	
evening set	-3897 Aug 15 j 14:30	25° O 47'07					

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3894 Jan 16 j 16:29	27° ♁ 39'44	-1°14'55	direct	-3892 Jun 25 j 03:01	2° ♁ 24'47	
minimum elong	-3894 Jan 16 j 07:58	27° ♁ 13'20	1°14'54	greatest brilliancy	-3892 Jul 06 j 07:44	4° ♁ 39'43	-4.8m
	-3894 Jan 18 j 13:47	0° ♁			-3892 Aug 10 j 00:39	0° ♁	
max. Earth dist.	-3894 Jan 20 j 09:02	2° ♁ 13'52	1.72631 AU	morning max el	-3892 Aug 14 j 00:39	3° ♁ 54'24	46°29'48
	-3894 Feb 11 j 20:32	0° ♁			-3892 Sep 07 j 11:38	0° ♁	
evening rise	-3894 Feb 24 j 09:37	15° ♁ 26'42		asc. node	-3892 Sep 14 j 10:59	7° ♁ 56'06	
greatest brilliancy	-3894 Mar 02 j 19:59	23° ♁ 20'56	-3.9m		-3892 Oct 03 j 05:31	0° ♁	
	-3894 Mar 08 j 06:04	0° ♁			-3892 Oct 27 j 22:23	0° ♁	
asc. node	-3894 Mar 30 j 14:54	27° ♁ 21'11			-3892 Nov 21 j 05:56	0° ♁	
	-3894 Apr 01 j 19:00	0° ♁			-3892 Dec 15 j 11:48	0° ♁	
	-3894 Apr 26 j 12:03	0° ♁		desc. node	-3891 Jan 04 j 07:35	24° ♁ 28'54	
	-3894 May 21 j 10:20	0° ♁			-3891 Jan 08 j 19:01	0° ♁	
	-3894 Jun 15 j 16:18	0° ♁			-3891 Feb 02 j 04:02	0° ♁	
	-3894 Jul 11 j 11:45	0° ♁		morning set	-3891 Feb 18 j 21:21	20° ♁ 32'30	
desc. node	-3894 Jul 20 j 10:23	10° ♁ 08'39			-3891 Feb 26 j 14:14	0° ♁	
	-3894 Aug 07 j 11:24	0° ♁			-3891 Mar 23 j 00:55	0° ♁	
evening max el	-3894 Aug 22 j 03:50	15° ♁ 13'34	47°20'18	max. Earth dist.	-3891 Mar 27 j 13:54	5° ♁ 34'25	1.73708 AU
	-3894 Sep 06 j 22:55	0° ♁					
greatest brilliancy	-3894 Oct 02 j 05:24	16° ♁ 21'35	-4.9m	superior conj	-3891 Mar 28 j 00:46	6° ♁ 07'44	-1°02'25
retrograde	-3894 Oct 11 j 18:28	18° ♁ 05'36		minimum elong	-3891 Mar 28 j 09:25	6° ♁ 34'16	1°02'13
evening set	-3894 Oct 26 j 13:46	13° ♁ 44'03			-3891 Apr 16 j 11:35	0° ♁	
inferior conj	-3894 Nov 01 j 08:10	10° ♁ 18'34	-2°17'12	asc. node	-3891 Apr 27 j 03:14	13° ♁ 04'48	
minimum elong	-3894 Nov 01 j 13:11	10° ♁ 10'50	2°15'39	evening rise	-3891 May 03 j 03:01	20° ♁ 26'12	
min. Earth dist.	-3894 Nov 01 j 00:54	10° ♁ 29'47	0.26416 AU		-3891 May 10 j 21:54	0° ♁	
morning rise	-3894 Nov 07 j 12:58	6° ♁ 40'19			-3891 Jun 04 j 07:50	0° ♁	
asc. node	-3894 Nov 10 j 07:32	5° ♁ 18'33			-3891 Jun 28 j 18:04	0° ♁	
direct	-3894 Nov 21 j 13:30	2° ♁ 43'07			-3891 Jul 23 j 06:14	0° ♁	
greatest brilliancy	-3894 Dec 01 j 09:20	4° ♁ 33'19	-4.9m	desc. node	-3891 Aug 16 j 22:27	29° ♁ 58'33	
	-3893 Jan 05 j 10:25	0° ♁			-3891 Aug 16 j 22:56	0° ♁	
morning max el	-3893 Jan 10 j 11:50	4° ♁ 55'31	46°27'20		-3891 Sep 11 j 00:15	0° ♁	
	-3893 Feb 03 j 10:09	0° ♁			-3891 Oct 06 j 19:04	0° ♁	
desc. node	-3893 Mar 02 j 05:06	0° ♁		evening max el	-3891 Nov 01 j 22:23	28° ♁ 27'16	47°19'46
	-3893 Mar 02 j 04:40	0° ♁			-3891 Nov 03 j 10:48	0° ♁	
	-3893 Mar 28 j 02:08	0° ♁		asc. node	-3891 Dec 07 j 19:13	28° ♁ 11'43	
	-3893 Apr 22 j 11:10	0° ♁			-3891 Dec 11 j 15:58	0° ♁	
	-3893 May 17 j 10:41	0° ♁		greatest brilliancy	-3891 Dec 12 j 04:16	0° ♁ 12'25	-4.9m
	-3893 Jun 11 j 01:42	0° ♁		retrograde	-3891 Dec 23 j 00:30	2° ♁ 27'56	
asc. node	-3893 Jun 23 j 01:41	14° ♁ 45'59			-3890 Jan 02 j 20:43	30° ♁	
	-3893 Jul 05 j 08:58	0° ♁		evening set	-3890 Jan 08 j 10:56	27° ♁ 02'51	
morning set	-3893 Jul 07 j 12:11	2° ♁ 39'07		min. Earth dist.	-3890 Jan 12 j 02:51	24° ♁ 46'27	0.28211 AU
	-3893 Jul 29 j 09:52	0° ♁		inferior conj	-3890 Jan 13 j 02:29	24° ♁ 08'51	7°18'11
max. Earth dist.	-3893 Aug 10 j 21:02	15° ♁ 39'00	1.71409 AU	minimum elong	-3890 Jan 12 j 18:25	24° ♁ 21'42	7°16'51
				morning rise	-3890 Jan 17 j 02:23	21° ♁ 39'14	
superior conj	-3893 Aug 13 j 22:33	19° ♁ 30'08	1°23'29	direct	-3890 Feb 03 j 01:13	16° ♁ 02'24	
minimum elong	-3893 Aug 13 j 20:27	19° ♁ 23'29	1°23'38	greatest brilliancy	-3890 Feb 11 j 20:29	17° ♁ 29'03	-4.8m
	-3893 Aug 22 j 06:46	0° ♁			-3890 Mar 05 j 12:56	0° ♁	
	-3893 Sep 15 j 02:26	0° ♁		morning max el	-3890 Mar 23 j 22:44	16° ♁ 06'24	45°53'42
evening rise	-3893 Sep 22 j 14:09	9° ♁ 25'23		desc. node	-3890 Mar 29 j 16:25	21° ♁ 41'07	
	-3893 Oct 08 j 23:12	0° ♁			-3890 Apr 06 j 21:39	0° ♁	
desc. node	-3893 Oct 12 j 20:52	4° ♁ 53'47			-3890 May 04 j 16:18	0° ♁	
	-3893 Nov 01 j 22:31	0° ♁			-3890 May 30 j 21:05	0° ♁	
	-3893 Nov 26 j 01:32	0° ♁			-3890 Jun 25 j 04:16	0° ♁	
	-3893 Dec 20 j 10:14	0° ♁			-3890 Jul 19 j 20:06	0° ♁	
	-3892 Jan 14 j 04:59	0° ♁		asc. node	-3890 Jul 20 j 13:39	0° ♁ 53'57	
asc. node	-3892 Feb 02 j 16:37	22° ♁ 59'41			-3890 Aug 13 j 00:40	0° ♁	
	-3892 Feb 08 j 18:02	0° ♁		greatest brilliancy	-3890 Sep 05 j 00:02	28° ♁ 50'47	-3.9m
	-3892 Mar 06 j 18:45	0° ♁			-3890 Sep 05 j 22:00	0° ♁	
evening max el	-3892 Mar 25 j 23:16	19° ♁ 24'48	45°07'18	morning set	-3890 Sep 17 j 16:18	14° ♁ 50'39	
	-3892 Apr 06 j 17:08	0° ♁			-3890 Sep 29 j 16:14	0° ♁	
greatest brilliancy	-3892 May 02 j 16:13	16° ♁ 35'26	-4.7m		-3890 Oct 23 j 10:43	0° ♁	
retrograde	-3892 May 13 j 04:55	18° ♁ 34'11					
desc. node	-3892 May 24 j 13:15	16° ♁ 04'33		superior conj	-3890 Oct 28 j 16:55	6° ♁ 37'19	0°26'52
evening set	-3892 May 28 j 01:41	14° ♁ 22'58		minimum elong	-3890 Oct 28 j 23:57	6° ♁ 59'26	0°26'32
inferior conj	-3892 Jun 03 j 13:05	10° ♁ 36'24	-2°18'54	max. Earth dist.	-3890 Nov 01 j 21:03	11° ♁ 52'21	1.71044 AU
minimum elong	-3892 Jun 03 j 08:03	10° ♁ 44'07	2°17'22	desc. node	-3890 Nov 09 j 09:17	21° ♁ 18'40	
min. Earth dist.	-3892 Jun 04 j 01:30	10° ♁ 17'22	0.28460 AU		-3890 Nov 16 j 07:29	0° ♁	
morning rise	-3892 Jun 09 j 13:38	7° ♁ 02'07		evening rise	-3890 Dec 10 j 05:07	29° ♁ 53'00	

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	-3890 Dec 10 j 07:22	0°♊				-3887 Jul 07 j 02:50	0°♋
	-3889 Jan 03 j 10:49	0°♌				-3887 Aug 02 j 01:23	0°♍
	-3889 Jan 27 j 18:55	0°♎		asc. node		-3887 Aug 17 j 01:31	18°♍00'04
	-3889 Feb 21 j 09:49	0°♏				-3887 Aug 26 j 21:41	0°♎
asc. node	-3889 Mar 02 j 04:42	10°♏35'42				-3887 Sep 20 j 03:00	0°♏
	-3889 Mar 18 j 10:50	0°♑				-3887 Oct 14 j 01:03	0°♐
	-3889 Apr 13 j 03:02	0°♋				-3887 Nov 06 j 21:29	0°♑
	-3889 May 09 j 20:40	0°♍				-3887 Nov 30 j 19:39	0°♒
evening max el	-3889 Jun 06 j 22:21	29°♍00'04	45°51'51	morning set		-3887 Dec 03 j 17:52	3°♒39'36
	-3889 Jun 07 j 23:26	0°♎		desc. node		-3887 Dec 06 j 21:32	7°♒35'59
desc. node	-3889 Jun 22 j 00:52	12°♎32'19				-3887 Dec 24 j 20:45	0°♊
greatest brilliancy	-3889 Jul 16 j 20:15	27°♎44'31	-4.8m				
retrograde	-3889 Jul 26 j 05:06	29°♎19'49		superior conj		-3886 Jan 14 j 05:29	25°♊17'27 -1°13'15
evening set	-3889 Aug 13 j 01:23	23°♎25'15		minimum elong		-3886 Jan 13 j 20:24	24°♊49'17 1°13'12
inferior conj	-3889 Aug 16 j 01:11	21°♎37'44	-8°55'06	max. Earth dist.		-3886 Jan 18 j 01:04	0°♋01'05 1.72569 AU
minimum elong	-3889 Aug 15 j 23:47	21°♎39'51	8°54'55			-3886 Jan 18 j 00:43	0°♋
min. Earth dist.	-3889 Aug 16 j 10:03	21°♎24'18	0.27203 AU			-3886 Feb 11 j 07:23	0°♌
morning rise	-3889 Aug 18 j 22:05	19°♎54'22		evening rise		-3886 Feb 22 j 01:42	13°♌15'08
direct	-3889 Sep 05 j 21:11	13°♎51'28		greatest brilliancy		-3886 Feb 28 j 19:58	21°♌33'45 -3.9m
greatest brilliancy	-3889 Sep 16 j 16:04	16°♎03'00	-4.9m			-3886 Mar 07 j 16:59	0°♏
	-3889 Oct 08 j 05:30	0°♏		asc. node		-3886 Mar 29 j 17:02	26°♏53'55
asc. node	-3889 Oct 12 j 22:17	4°♏06'30				-3886 Apr 01 j 06:07	0°♑
morning max el	-3889 Oct 26 j 17:16	17°♏28'59	46°52'30			-3886 Apr 25 j 23:35	0°♋
	-3889 Nov 07 j 12:36	0°♐				-3886 May 20 j 22:33	0°♍
	-3889 Dec 03 j 22:58	0°♑				-3886 Jun 15 j 05:38	0°♎
	-3889 Dec 29 j 08:07	0°♒				-3886 Jul 11 j 03:03	0°♏
desc. node	-3888 Jan 23 j 08:59	0°♊		desc. node		-3886 Jul 19 j 12:27	9°♏28'44
	-3888 Feb 01 j 19:26	11°♊21'06				-3886 Aug 07 j 06:54	0°♐
	-3888 Feb 17 j 06:39	0°♋		evening max el		-3886 Aug 19 j 15:59	12°♐45'05 47°18'10
	-3888 Mar 13 j 02:04	0°♌				-3886 Sep 07 j 10:09	0°♑
	-3888 Apr 06 j 18:49	0°♏		greatest brilliancy		-3886 Sep 29 j 19:41	13°♑52'53 -4.9m
morning set	-3888 Apr 27 j 22:26	25°♏49'20		retrograde		-3886 Oct 09 j 06:23	15°♑35'14
	-3888 May 01 j 08:20	0°♑		evening set		-3886 Oct 24 j 04:06	11°♑11'07
asc. node	-3888 May 24 j 15:39	28°♑38'21		inferior conj		-3886 Oct 29 j 20:31	7°♑49'06 -2°40'44
	-3888 May 25 j 18:08	0°♋		minimum elong		-3886 Oct 30 j 02:20	7°♑40'09 2°38'57
max. Earth dist.	-3888 May 29 j 21:18	5°♋05'50	1.73154 AU	min. Earth dist.		-3886 Oct 29 j 14:57	7°♑57'39 0.26400 AU
				morning rise		-3886 Nov 05 j 00:46	4°♑11'42
superior conj	-3888 Jun 02 j 18:33	9°♋53'45	0°21'15	asc. node		-3886 Nov 09 j 09:50	2°♑09'04
minimum elong	-3888 Jun 02 j 14:27	9°♋41'07	0°21'10	direct		-3886 Nov 19 j 01:14	0°♑13'39
	-3888 Jun 19 j 00:07	0°♍		greatest brilliancy		-3886 Nov 28 j 23:45	2°♑06'18 -4.9m
evening rise	-3888 Jul 08 j 15:06	24°♍23'51				-3885 Jan 05 j 11:33	0°♒
	-3888 Jul 13 j 03:01	0°♎		morning max el		-3885 Jan 08 j 01:07	2°♒31'25 46°28'52
	-3888 Aug 06 j 04:21	0°♏				-3885 Feb 03 j 03:08	0°♊
	-3888 Aug 30 j 06:07	0°♐		desc. node		-3885 Mar 01 j 07:08	29°♊26'49
desc. node	-3888 Sep 13 j 10:36	17°♐37'32				-3885 Mar 01 j 18:43	0°♋
	-3888 Sep 23 j 10:19	0°♑				-3885 Mar 27 j 14:43	0°♌
	-3888 Oct 17 j 19:03	0°♒				-3885 Apr 21 j 22:57	0°♏
	-3888 Nov 11 j 11:53	0°♊				-3885 May 16 j 22:01	0°♑
	-3888 Dec 06 j 21:24	0°♋				-3885 Jun 10 j 12:48	0°♌
	-3887 Jan 02 j 22:31	0°♌		asc. node		-3885 Jun 22 j 03:46	14°♌18'23
asc. node	-3887 Jan 04 j 06:50	1°♌24'29				-3885 Jul 04 j 19:59	0°♍
evening max el	-3887 Jan 11 j 20:48	9°♌07'29	45°56'01	morning set		-3885 Jul 05 j 05:03	0°♍28'08
	-3887 Feb 04 j 20:12	0°♏				-3885 Jul 28 j 20:54	0°♎
greatest brilliancy	-3887 Feb 19 j 08:03	8°♏06'25	-4.7m	max. Earth dist.		-3885 Aug 08 j 10:10	13°♎14'35 1.71462 AU
retrograde	-3887 Mar 02 j 02:21	10°♏13'24					
evening set	-3887 Mar 19 j 01:52	4°♏41'54		superior conj		-3885 Aug 11 j 13:09	17°♎10'15 1°23'02
inferior conj	-3887 Mar 23 j 13:41	1°♏54'10	6°36'12	minimum elong		-3885 Aug 11 j 10:16	17°♎01'11 1°23'10
minimum elong	-3887 Mar 23 j 22:18	1°♏40'29	6°34'42			-3885 Aug 21 j 17:53	0°♏
min. Earth dist.	-3887 Mar 24 j 00:14	1°♏37'23	0.29339 AU			-3885 Sep 14 j 13:40	0°♐
	-3887 Mar 26 j 14:06	30°♒		evening rise		-3885 Sep 20 j 00:25	6°♐51'19
morning rise	-3887 Mar 28 j 18:43	28°♒40'48				-3885 Oct 08 j 10:35	0°♑
direct	-3887 Apr 14 j 08:19	23°♒27'44		desc. node		-3885 Oct 11 j 23:03	4°♑24'51
greatest brilliancy	-3887 Apr 24 j 14:02	25°♒20'32	-4.7m			-3885 Nov 01 j 10:04	0°♒
desc. node	-3887 Apr 26 j 03:50	25°♒55'56				-3885 Nov 25 j 13:16	0°♊
	-3887 May 04 j 07:01	0°♏				-3885 Dec 19 j 22:18	0°♋
morning max el	-3887 Jun 02 j 06:24	23°♏20'54	45°54'09			-3884 Jan 13 j 17:41	0°♌
	-3887 Jun 09 j 01:12	0°♑		asc. node		-3884 Feb 01 j 18:40	22°♒26'07

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3884 Feb 08 j 08:05	0° H		greatest brilliancy	-3882 Sep 04 j 07:47	28° G 39'23	-3.9m
	-3884 Mar 06 j 12:08	0° Y			-3882 Sep 05 j 09:22	0° Q	
evening max el	-3884 Mar 23 j 15:08	17° Y 14'44	45°07'33	morning set	-3882 Sep 15 j 04:24	12° Q 21'29	
	-3884 Apr 06 j 23:44	0° B			-3882 Sep 29 j 03:36	0° M	
greatest brilliancy	-3884 Apr 30 j 06:13	14° B 23'25	-4.7m		-3882 Oct 22 j 22:07	0° A	
retrograde	-3884 May 10 j 20:49	16° B 23'32					
desc. node	-3884 May 23 j 15:24	13° B 14'29		superior conj	-3882 Oct 26 j 01:46	3° A 58'12	0°30'39
evening set	-3884 May 25 j 16:53	12° B 12'10		minimum elong	-3882 Oct 26 j 09:38	4° A 22'58	0°30'18
inferior conj	-3884 Jun 01 j 04:37	8° B 24'45	-1°59'09	max. Earth dist.	-3882 Oct 30 j 04:08	9° A 07'46	1.71013 AU
minimum elong	-3884 Jun 01 j 00:16	8° B 31'25	1°57'48	desc. node	-3882 Nov 08 j 11:25	20° A 49'33	
min. Earth dist.	-3884 Jun 01 j 17:03	8° B 05'40	0.28506 AU		-3882 Nov 15 j 18:53	0° M	
morning rise	-3884 Jun 07 j 06:58	4° B 48'07		evening rise	-3882 Dec 07 j 14:55	27° M 18'21	
direct	-3884 Jun 22 j 19:31	0° B 12'18			-3882 Dec 09 j 18:46	0° A	
greatest brilliancy	-3884 Jul 03 j 23:33	2° B 27'02	-4.8m		-3881 Jan 02 j 22:16	0° B	
	-3884 Aug 10 j 00:12	0° I			-3881 Jan 27 j 06:29	0° \approx	
morning max el	-3884 Aug 11 j 16:50	1° I 40'02	46°28'22		-3881 Feb 20 j 21:43	0° H	
	-3884 Sep 07 j 04:06	0° G		asc. node	-3881 Mar 01 j 06:53	10° H 05'56	
asc. node	-3884 Sep 13 j 13:08	7° G 17'08			-3881 Mar 17 j 23:24	0° Y	
	-3884 Oct 02 j 19:38	0° Q			-3881 Apr 12 j 16:56	0° B	
	-3884 Oct 27 j 11:24	0° M			-3881 May 09 j 13:24	0° I	
	-3884 Nov 20 j 18:18	0° A		evening max el	-3881 Jun 04 j 11:57	26° I 40'20	45°49'02
	-3884 Dec 14 j 23:42	0° M			-3881 Jun 08 j 00:20	0° G	
desc. node	-3883 Jan 03 j 09:36	23° M 59'19		desc. node	-3881 Jun 21 j 02:56	11° G 25'50	
	-3883 Jan 08 j 06:35	0° A		greatest brilliancy	-3881 Jul 14 j 08:14	25° G 20'52	-4.8m
	-3883 Feb 01 j 15:20	0° B		retrograde	-3881 Jul 23 j 17:05	26° G 56'07	
morning set	-3883 Feb 16 j 12:44	18° B 18'01		evening set	-3881 Aug 10 j 12:11	21° G 04'53	
	-3883 Feb 26 j 01:20	0° \approx		inferior conj	-3881 Aug 13 j 14:14	19° G 13'56	-8°52'38
	-3883 Mar 22 j 11:54	0° H		minimum elong	-3881 Aug 13 j 11:54	19° G 17'29	8°52'24
				min. Earth dist.	-3881 Aug 13 j 23:05	19° G 00'32	0.27249 AU
superior conj	-3883 Mar 25 j 18:55	4° H 02'29	-1°04'27	morning rise	-3881 Aug 16 j 11:29	17° G 29'51	
minimum elong	-3883 Mar 26 j 03:31	4° H 28'54	1°04'16	direct	-3881 Sep 03 j 10:44	11° G 26'54	
max. Earth dist.	-3883 Mar 25 j 12:54	3° H 44'04	1.73695 AU	greatest brilliancy	-3881 Sep 14 j 06:18	13° G 38'23	-4.9m
	-3883 Apr 15 j 22:32	0° Y			-3881 Oct 08 j 14:58	0° Q	
asc. node	-3883 Apr 26 j 05:29	12° Y 38'00		asc. node	-3881 Oct 12 j 00:36	3° Q 03'36	
evening rise	-3883 Apr 30 j 22:35	18° Y 25'12		morning max el	-3881 Oct 24 j 05:30	14° Q 58'32	46°52'20
	-3883 May 10 j 08:56	0° B			-3881 Nov 07 j 07:46	0° M	
	-3883 Jun 03 j 19:07	0° I			-3881 Dec 03 j 14:25	0° A	
	-3883 Jun 28 j 05:46	0° G			-3881 Dec 28 j 21:50	0° M	
	-3883 Jul 22 j 18:33	0° Q			-3880 Jan 22 j 21:42	0° A	
desc. node	-3883 Aug 16 j 00:27	29° Q 24'58		desc. node	-3880 Jan 31 j 21:32	10° A 49'59	
	-3883 Aug 16 j 12:05	0° M			-3880 Feb 16 j 18:42	0° B	
	-3883 Sep 10 j 14:41	0° A			-3880 Mar 12 j 13:37	0° \approx	
	-3883 Oct 06 j 11:53	0° M			-3880 Apr 06 j 06:04	0° H	
evening max el	-3883 Oct 30 j 15:00	26° M 10'05	47°21'50	morning set	-3880 Apr 25 j 17:27	23° H 46'41	
	-3883 Nov 03 j 10:00	0° A			-3880 Apr 30 j 19:24	0° Y	
asc. node	-3883 Dec 06 j 21:19	26° A 36'07		asc. node	-3880 May 23 j 17:43	28° Y 10'45	
greatest brilliancy	-3883 Dec 09 j 20:08	27° A 53'56	-4.9m		-3880 May 25 j 05:09	0° B	
	-3883 Dec 17 j 21:29	0° B		max. Earth dist.	-3880 May 27 j 16:26	3° B 02'50	1.73200 AU
retrograde	-3883 Dec 20 j 17:02	0° B 09'43					
	-3883 Dec 23 j 11:37	30° R 27		superior conj	-3880 May 31 j 13:29	7° B 49'58	0°18'17
evening set	-3882 Jan 05 j 23:39	24° A 49'28		minimum elong	-3880 May 31 j 09:56	7° B 39'01	0°18'12
min. Earth dist.	-3882 Jan 09 j 17:17	22° A 30'33	0.28133 AU		-3880 Jun 18 j 11:12	0° I	
inferior conj	-3882 Jan 10 j 17:58	21° A 51'17	7°08'12	evening rise	-3880 Jul 06 j 08:59	22° I 15'21	
minimum elong	-3882 Jan 10 j 09:33	22° A 04'40	7°06'42		-3880 Jul 12 j 14:14	0° G	
morning rise	-3882 Jan 14 j 20:02	19° A 18'39			-3880 Aug 05 j 15:46	0° Q	
direct	-3882 Jan 31 j 16:28	13° A 46'17			-3880 Aug 29 j 17:50	0° M	
greatest brilliancy	-3882 Feb 09 j 10:08	15° A 12'05	-4.8m	desc. node	-3880 Sep 12 j 12:50	17° M 07'23	
	-3882 Mar 05 j 23:40	0° B			-3880 Sep 22 j 22:27	0° A	
morning max el	-3882 Mar 21 j 14:30	13° B 54'38	45°54'22		-3880 Oct 17 j 07:43	0° M	
desc. node	-3882 Mar 28 j 18:40	20° B 55'11			-3880 Nov 11 j 01:25	0° A	
	-3882 Apr 06 j 16:11	0° \approx			-3880 Dec 06 j 12:34	0° B	
	-3882 May 04 j 06:53	0° H			-3879 Jan 02 j 17:55	0° \approx	
	-3882 May 30 j 09:59	0° Y		asc. node	-3879 Jan 03 j 08:57	0° \approx 38'56	
	-3882 Jun 24 j 16:18	0° B		evening max el	-3879 Jan 09 j 11:00	6° \approx 49'23	45°58'54
	-3882 Jul 19 j 07:42	0° I			-3879 Feb 05 j 16:42	0° H	
asc. node	-3882 Jul 19 j 15:46	0° I 24'48		greatest brilliancy	-3879 Feb 17 j 01:29	5° H 58'38	-4.7m
	-3882 Aug 12 j 12:04	0° G		retrograde	-3879 Feb 27 j 19:06	8° H 05'44	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening set	-3879 Mar 16 j 21:17	2° H 30'17		max. Earth dist.	-3877 Aug 05 j 22:44	10° E 48'30	1.71515 AU
	-3879 Mar 20 j 22:01	30° K					
inferior conj	-3879 Mar 21 j 06:48	29° A 46'02	6°47'13	superior conj	-3877 Aug 09 j 03:58	14° E 51'04	1°22'26
minimum elong	-3879 Mar 21 j 15:11	29° A 32'41	6°45'48	minimum elong	-3877 Aug 09 j 00:20	14° E 39'42	1°22'33
min. Earth dist.	-3879 Mar 21 j 16:49	29° A 30'05	0.29341 AU		-3877 Aug 21 j 05:00	0° Ω	
morning rise	-3879 Mar 26 j 09:04	26° A 36'30			-3877 Sep 14 j 00:55	0° M	
direct	-3879 Apr 12 j 00:32	21° A 19'31		evening rise	-3877 Sep 17 j 11:01	4° M 18'16	
greatest brilliancy	-3879 Apr 22 j 06:08	23° A 11'54	-4.7m		-3877 Oct 07 j 21:57	0° A	
desc. node	-3879 Apr 25 j 06:00	24° A 22'32		desc. node	-3877 Oct 11 j 01:11	3° A 55'49	
	-3879 May 05 j 09:42	0° H			-3877 Oct 31 j 21:33	0° M	
morning max el	-3879 May 30 j 22:00	21° H 09'25	45°53'30		-3877 Nov 25 j 00:56	0° A	
	-3879 Jun 08 j 21:05	0° Y			-3877 Dec 19 j 10:19	0° Z	
	-3879 Jul 06 j 17:56	0° B			-3876 Jan 13 j 06:24	0° A	
	-3879 Aug 01 j 14:39	0° II		asc. node	-3876 Jan 31 j 20:50	21° A 52'46	
asc. node	-3879 Aug 16 j 03:38	17° II 28'11			-3876 Feb 07 j 22:16	0° H	
	-3879 Aug 26 j 10:03	0° E			-3876 Mar 06 j 05:57	0° Y	
	-3879 Sep 19 j 14:53	0° Ω		evening max el	-3876 Mar 21 j 07:34	15° Y 05'49	45°07'45
	-3879 Oct 13 j 12:40	0° M			-3876 Apr 07 j 09:02	0° B	
	-3879 Nov 06 j 08:57	0° A		greatest brilliancy	-3876 Apr 27 j 20:48	12° B 11'53	-4.7m
	-3879 Nov 30 j 07:01	0° M		retrograde	-3876 May 08 j 12:34	14° B 12'29	
morning set	-3879 Dec 01 j 03:48	1° M 05'02		desc. node	-3876 May 22 j 17:25	10° B 20'38	
desc. node	-3879 Dec 05 j 23:32	7° M 06'48		evening set	-3876 May 23 j 08:17	10° B 01'11	
	-3879 Dec 24 j 08:01	0° A		inferior conj	-3876 May 29 j 20:06	6° B 13'00	-1°39'11
				minimum elong	-3876 May 29 j 16:28	6° B 18'35	1°38'02
superior conj	-3878 Jan 11 j 18:04	22° A 52'59	-1°11'26	min. Earth dist.	-3876 May 30 j 08:33	5° B 53'53	0.28545 AU
minimum elong	-3878 Jan 11 j 08:27	22° A 23'10	1°11'21	morning rise	-3876 Jun 05 j 00:04	2° B 34'04	
max. Earth dist.	-3878 Jan 15 j 14:03	27° A 37'59	1.72512 AU		-3876 Jun 10 j 10:03	30° K Y	
	-3878 Jan 17 j 11:54	0° Z		direct	-3876 Jun 20 j 12:02	28° Y 00'00	
	-3878 Feb 10 j 18:31	0° A			-3876 Jul 01 j 00:01	0° B	
evening rise	-3878 Feb 19 j 17:16	11° A 01'08		greatest brilliancy	-3876 Jul 01 j 14:40	0° B 13'39	-4.8m
greatest brilliancy	-3878 Feb 26 j 05:56	19° A 02'41	-3.9m	morning max el	-3876 Aug 09 j 08:31	29° B 24'55	46°26'56
	-3878 Mar 07 j 04:09	0° H			-3876 Aug 09 j 22:40	0° II	
asc. node	-3878 Mar 28 j 19:14	26° H 26'06			-3876 Sep 06 j 20:10	0° E	
	-3878 Mar 31 j 17:29	0° Y		asc. node	-3876 Sep 12 j 15:23	6° E 39'18	
	-3878 Apr 25 j 11:20	0° B			-3876 Oct 02 j 09:29	0° Ω	
	-3878 May 20 j 10:59	0° II			-3876 Oct 27 j 00:10	0° M	
	-3878 Jun 14 j 19:12	0° E			-3876 Nov 20 j 06:26	0° A	
	-3878 Jul 10 j 18:40	0° Ω			-3876 Dec 14 j 11:23	0° M	
desc. node	-3878 Jul 18 j 14:34	8° Ω 48'14		desc. node	-3875 Jan 02 j 11:44	23° M 30'41	
	-3878 Aug 07 j 03:01	0° M			-3875 Jan 07 j 17:55	0° A	
evening max el	-3878 Aug 17 j 04:43	10° M 18'14	47°16'07		-3875 Feb 01 j 02:24	0° Z	
	-3878 Sep 08 j 00:57	0° A		morning set	-3875 Feb 14 j 04:10	16° Z 04'18	
greatest brilliancy	-3878 Sep 27 j 09:26	11° A 24'03	-4.9m		-3875 Feb 25 j 12:14	0° A	
retrograde	-3878 Oct 06 j 18:57	13° A 05'40			-3875 Mar 21 j 22:42	0° H	
evening set	-3878 Oct 21 j 18:46	8° A 38'31					
inferior conj	-3878 Oct 27 j 08:59	5° A 20'06	-3°03'52	superior conj	-3875 Mar 23 j 12:57	1° H 57'23	-1°06'24
minimum elong	-3878 Oct 27 j 15:35	5° A 10'00	3°01'52	minimum elong	-3875 Mar 23 j 21:27	2° H 23'27	1°06'14
min. Earth dist.	-3878 Oct 27 j 04:43	5° A 26'39	0.26389 AU	max. Earth dist.	-3875 Mar 23 j 12:15	1° H 55'14	1.73683 AU
morning rise	-3878 Nov 02 j 12:32	1° A 44'12			-3875 Apr 15 j 09:21	0° Y	
	-3878 Nov 06 j 03:12	30° K M		asc. node	-3875 Apr 25 j 07:31	12° Y 10'55	
asc. node	-3878 Nov 08 j 11:50	29° M 06'15		evening rise	-3875 Apr 28 j 17:54	16° Y 23'48	
direct	-3878 Nov 16 j 13:33	27° M 44'43			-3875 May 09 j 19:52	0° B	
greatest brilliancy	-3878 Nov 26 j 13:45	29° M 39'19	-4.9m		-3875 Jun 03 j 06:17	0° II	
	-3878 Nov 27 j 11:35	0° A			-3875 Jun 27 j 17:21	0° E	
	-3877 Jan 05 j 11:29	0° M			-3875 Jul 22 j 06:43	0° Ω	
morning max el	-3877 Jan 05 j 15:21	0° M 09'37	46°30'10	desc. node	-3875 Aug 15 j 02:40	28° Ω 52'32	
	-3877 Feb 02 j 19:50	0° A			-3875 Aug 16 j 01:05	0° M	
desc. node	-3877 Feb 28 j 09:20	28° A 52'44			-3875 Sep 10 j 05:00	0° A	
	-3877 Mar 01 j 08:45	0° Z			-3875 Oct 06 j 04:44	0° M	
	-3877 Mar 27 j 03:23	0° A		evening max el	-3875 Oct 28 j 07:26	23° M 52'58	47°23'41
	-3877 Apr 21 j 10:50	0° H			-3875 Nov 03 j 09:58	0° A	
	-3877 May 16 j 09:25	0° Y		asc. node	-3875 Dec 05 j 23:28	24° A 57'50	
	-3877 Jun 09 j 23:57	0° B		greatest brilliancy	-3875 Dec 07 j 12:32	25° A 36'35	-4.9m
asc. node	-3877 Jun 21 j 05:50	13° B 50'36		retrograde	-3875 Dec 18 j 09:11	27° A 51'44	
morning set	-3877 Jul 02 j 21:59	28° B 17'28		evening set	-3874 Jan 03 j 12:19	22° A 36'43	
	-3877 Jul 04 j 07:00	0° II		min. Earth dist.	-3874 Jan 07 j 07:56	20° A 14'47	0.28053 AU
	-3877 Jul 28 j 07:56	0° E		inferior conj	-3874 Jan 08 j 09:22	19° A 34'16	6°57'19

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

minimum elong	-3874 Jan 08 j 00:40	19° J 48'07	6°55'42			-3872 Jun 17 j 21:57	0° II	
morning rise	-3874 Jan 12 j 13:41	16° J 58'21		evening rise		-3872 Jul 04 j 02:54	20° II 08'00	
direct	-3874 Jan 29 j 07:30	11° J 30'53				-3872 Jul 12 j 01:10	0° G	
greatest brilliancy	-3874 Feb 06 j 23:56	12° J 55'50	-4.8m			-3872 Aug 05 j 02:57	0° Ω	
	-3874 Mar 06 j 07:09	0° Z				-3872 Aug 29 j 05:20	0° np	
morning max el	-3874 Mar 19 j 05:12	11° Z 41'02	45°55'02	desc. node		-3872 Sep 11 j 14:54	16° np 37'30	
desc. node	-3874 Mar 27 j 20:48	20° Z 10'39				-3872 Sep 22 j 10:20	0° $\underline{\text{u}}$	
	-3874 Apr 06 j 09:54	0° \approx				-3872 Oct 16 j 20:09	0° m	
	-3874 May 03 j 21:02	0° X				-3872 Nov 10 j 14:41	0° J	
	-3874 May 29 j 22:34	0° Y				-3872 Dec 06 j 03:32	0° Z	
	-3874 Jun 24 j 04:06	0° B		asc. node		-3871 Jan 02 j 11:09	29° Z 54'06	
asc. node	-3874 Jul 18 j 17:59	29° B 56'40				-3871 Jan 02 j 13:27	0° \approx	
	-3874 Jul 18 j 19:04	0° II		evening max el		-3871 Jan 07 j 01:19	4° \approx 32'37	46°01'54
	-3874 Aug 11 j 23:14	0° G				-3871 Feb 06 j 20:14	0° X	
greatest brilliancy	-3874 Sep 03 j 12:40	28° G 19'49	-3.9m	greatest brilliancy		-3871 Feb 14 j 18:22	3° X 51'07	-4.7m
	-3874 Sep 04 j 20:26	0° Ω		retrograde		-3871 Feb 25 j 12:19	5° X 59'06	
morning set	-3874 Sep 12 j 16:26	9° Ω 53'03		evening set		-3871 Mar 14 j 16:36	0° X 19'32	
	-3874 Sep 28 j 14:40	0° np				-3871 Mar 15 j 05:35	30° $\text{R}\approx$	
	-3874 Oct 22 j 09:11	0° $\underline{\text{u}}$		inferior conj		-3871 Mar 18 j 23:53	27° \approx 38'44	6°57'38
				minimum elong		-3871 Mar 19 j 08:01	27° \approx 25'48	6°56'19
superior conj	-3874 Oct 23 j 10:42	1° $\underline{\text{u}}$ 20'23	0°34'22	min. Earth dist.		-3871 Mar 19 j 09:09	27° \approx 23'59	0.29342 AU
minimum elong	-3874 Oct 23 j 19:20	1° $\underline{\text{u}}$ 47'33	0°33'59	morning rise		-3871 Mar 23 j 23:23	24° \approx 33'19	
max. Earth dist.	-3874 Oct 27 j 08:28	6° $\underline{\text{u}}$ 15'32	1.70983 AU	direct		-3871 Apr 09 j 16:48	19° \approx 12'08	
desc. node	-3874 Nov 07 j 13:24	20° $\underline{\text{u}}$ 20'55		greatest brilliancy		-3871 Apr 19 j 22:02	21° \approx 04'14	-4.7m
	-3874 Nov 15 j 05:59	0° m		desc. node		-3871 Apr 24 j 07:59	22° \approx 53'08	
evening rise	-3874 Dec 05 j 00:37	24° m 44'10				-3871 May 06 j 04:42	0° X	
	-3874 Dec 09 j 05:53	0° J		morning max el		-3871 May 28 j 14:18	19° X 00'53	45°52'57
	-3873 Jan 02 j 09:25	0° Z				-3871 Jun 08 j 15:58	0° Y	
	-3873 Jan 26 j 17:45	0° \approx				-3871 Jul 06 j 08:29	0° B	
	-3873 Feb 20 j 09:17	0° X				-3871 Aug 01 j 03:31	0° II	
asc. node	-3873 Feb 28 j 09:06	9° X 37'16		asc. node		-3871 Aug 15 j 05:51	16° II 57'32	
	-3873 Mar 17 j 11:40	0° Y				-3871 Aug 25 j 22:07	0° G	
	-3873 Apr 12 j 06:36	0° B				-3871 Sep 19 j 02:32	0° Ω	
	-3873 May 09 j 06:07	0° II				-3871 Oct 13 j 00:05	0° np	
evening max el	-3873 Jun 02 j 00:39	24° II 19'15	45°46'07			-3871 Nov 05 j 20:13	0° $\underline{\text{u}}$	
	-3873 Jun 08 j 02:17	0° G		morning set		-3871 Nov 28 j 13:25	28° $\underline{\text{u}}$ 30'07	
desc. node	-3873 Jun 20 j 05:04	10° G 18'13				-3871 Nov 29 j 18:08	0° m	
greatest brilliancy	-3873 Jul 11 j 20:15	22° G 57'33	-4.8m	desc. node		-3871 Dec 05 j 01:42	6° m 38'56	
retrograde	-3873 Jul 21 j 04:53	24° G 32'55				-3871 Dec 23 j 19:00	0° J	
evening set	-3873 Aug 07 j 22:20	18° G 45'24						
inferior conj	-3873 Aug 11 j 03:08	16° G 50'32	-8°49'06	superior conj		-3870 Jan 09 j 06:19	20° J 28'20	-1°09'27
minimum elong	-3873 Aug 10 j 23:53	16° G 55'28	8°48'48	minimum elong		-3870 Jan 08 j 20:15	19° J 57'06	1°09'21
min. Earth dist.	-3873 Aug 11 j 12:13	16° G 36'46	0.27295 AU	max. Earth dist.		-3870 Jan 13 j 02:48	25° J 15'02	1.72455 AU
morning rise	-3873 Aug 14 j 01:15	15° G 05'05				-3870 Jan 16 j 22:47	0° Z	
direct	-3873 Aug 31 j 23:44	9° G 02'32				-3870 Feb 10 j 05:22	0° \approx	
greatest brilliancy	-3873 Sep 11 j 20:52	11° G 14'49	-4.9m	evening rise		-3870 Feb 17 j 08:49	8° \approx 47'54	
	-3873 Oct 08 j 21:34	0° Ω		greatest brilliancy		-3870 Feb 24 j 00:38	16° \approx 59'16	-3.9m
asc. node	-3873 Oct 11 j 02:38	2° Ω 02'22				-3870 Mar 06 j 15:04	0° X	
morning max el	-3873 Oct 21 j 17:36	12° Ω 28'39	46°52'19	asc. node		-3870 Mar 27 j 21:16	25° X 58'34	
	-3873 Nov 07 j 02:06	0° np				-3870 Mar 31 j 04:35	0° Y	
	-3873 Dec 03 j 05:17	0° $\underline{\text{u}}$				-3870 Apr 24 j 22:49	0° B	
	-3873 Dec 28 j 11:05	0° m				-3870 May 19 j 23:09	0° II	
	-3872 Jan 22 j 09:59	0° J				-3870 Jun 14 j 08:34	0° G	
desc. node	-3872 Jan 30 j 23:41	10° J 20'16				-3870 Jul 10 j 10:12	0° Ω	
	-3872 Feb 16 j 06:21	0° Z		desc. node		-3870 Jul 17 j 16:45	8° Ω 08'23	
	-3872 Mar 12 j 00:48	0° \approx				-3870 Aug 06 j 23:33	0° np	
	-3872 Apr 05 j 16:55	0° X		evening max el		-3870 Aug 14 j 18:01	7° np 53'29	47°13'44
morning set	-3872 Apr 23 j 12:30	21° X 45'20				-3870 Sep 08 j 20:35	0° $\underline{\text{u}}$	
	-3872 Apr 30 j 06:05	0° Y		greatest brilliancy		-3870 Sep 24 j 22:19	8° $\underline{\text{u}}$ 54'02	-4.9m
asc. node	-3872 May 22 j 19:49	27° Y 44'22		retrograde		-3870 Oct 04 j 07:43	10° $\underline{\text{u}}$ 35'17	
	-3872 May 24 j 15:49	0° B		evening set		-3870 Oct 19 j 09:17	6° $\underline{\text{u}}$ 04'54	
max. Earth dist.	-3872 May 25 j 13:50	1° B 07'54	1.73248 AU	inferior conj		-3870 Oct 24 j 21:05	2° $\underline{\text{u}}$ 50'08	-3°26'55
				minimum elong		-3870 Oct 25 j 04:25	2° $\underline{\text{u}}$ 38'56	3°24'42
superior conj	-3872 May 29 j 08:26	5° B 47'24	0°15'16	min. Earth dist.		-3870 Oct 24 j 17:51	2° $\underline{\text{u}}$ 55'04	0.26383 AU
minimum elong	-3872 May 29 j 05:27	5° B 38'12	0°15'14			-3870 Oct 29 j 15:38	30° Rnp	
behind sun begin	-3872 May 28 j 23:21	5° B 19'20		morning rise		-3870 Oct 30 j 23:41	29° np 16'07	
behind sun end	-3872 May 29 j 11:34	5° B 57'03		asc. node		-3870 Nov 07 j 14:01	26° np 08'02	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

direct	-3870 Nov 14 j 02:02	25° \cap 14'56		-3867 May 09 j 06:49	0° C	
greatest brilliancy	-3870 Nov 24 j 02:58	27° \cap 10'46	-4.9m	-3867 Jun 02 j 17:31	0° II	
	-3870 Nov 30 j 07:10	0° C		-3867 Jun 27 j 05:01	0° C	
morning max el	-3869 Jan 03 j 05:50	27° C 48'26	46°31'33	-3867 Jul 21 j 18:58	0° Ω	
	-3869 Jan 05 j 10:20	0° III		-3867 Aug 14 j 04:45	28° Ω 19'35	
	-3869 Feb 02 j 12:06	0° A		-3867 Aug 15 j 14:10	0° \cap	
desc. node	-3869 Feb 27 j 11:28	28° A 19'12		-3867 Sep 09 j 19:27	0° C	
	-3869 Feb 28 j 22:27	0° C		-3867 Oct 05 j 21:54	0° III	
	-3869 Mar 26 j 15:46	0° \approx		-3867 Oct 25 j 22:51	21° III 32'59	47°25'14
	-3869 Apr 20 j 22:28	0° H		-3867 Nov 03 j 11:08	0° A	
	-3869 May 15 j 20:37	0° Y		-3867 Dec 05 j 05:19	23° A 18'55	-4.9m
	-3869 Jun 09 j 10:54	0° C		-3867 Dec 05 j 01:40	23° A 15'18	
asc. node	-3869 Jun 20 j 08:05	13° C 23'58		-3867 Dec 16 j 00:40	25° A 32'42	
morning set	-3869 Jun 30 j 15:21	26° C 08'52		-3866 Jan 01 j 00:50	20° A 22'59	
	-3869 Jul 03 j 17:50	0° II		-3866 Jan 04 j 22:53	17° A 57'25	0.27975 AU
	-3869 Jul 27 j 18:46	0° C		-3866 Jan 06 j 00:39	17° A 16'20	6°45'40
max. Earth dist.	-3869 Aug 03 j 10:27	8° C 20'32	1.71569 AU	inferior conj	-3866 Jan 05 j 15:43	17° A 30'36 6°43'56
				minimum elong	-3866 Jan 10 j 07:17	14° A 36'53
superior conj	-3869 Aug 06 j 19:14	12° C 34'06	1°21'42	morning rise	-3866 Jan 26 j 22:01	9° A 14'25
minimum elong	-3869 Aug 06 j 14:55	12° C 20'31	1°21'49	direct	-3866 Feb 04 j 14:20	10° A 39'05 -4.8m
	-3869 Aug 20 j 15:57	0° Ω		greatest brilliancy	-3866 Mar 06 j 12:46	0° C
	-3869 Sep 13 j 12:01	0° \cap		morning max el	-3866 Mar 16 j 19:07	9° C 24'40 45°55'49
evening rise	-3869 Sep 14 j 21:54	1° \cap 46'35		desc. node	-3866 Mar 26 j 22:48	19° C 25'44
	-3869 Oct 07 j 09:14	0° C			-3866 Apr 06 j 03:29	0° \approx
desc. node	-3869 Oct 10 j 03:11	3° C 26'40			-3866 May 03 j 11:11	0° H
	-3869 Oct 31 j 09:00	0° III			-3866 May 29 j 11:12	0° Y
	-3869 Nov 24 j 12:37	0° A			-3866 Jun 23 j 15:57	0° C
	-3869 Dec 18 j 22:22	0° C		asc. node	-3866 Jul 17 j 20:02	29° C 27'41
	-3868 Jan 12 j 19:08	0° \approx			-3866 Jul 18 j 06:32	0° II
asc. node	-3868 Jan 30 j 23:01	21° \approx 19'33			-3866 Aug 11 j 10:31	0° C
	-3868 Feb 07 j 12:31	0° H		greatest brilliancy	-3866 Sep 02 j 19:46	28° C 06'50 -3.9m
	-3868 Mar 06 j 00:04	0° Y			-3866 Sep 04 j 07:40	0° Ω
evening max el	-3868 Mar 18 j 23:56	12° Y 57'02	45°08'06	morning set	-3866 Sep 10 j 04:48	7° Ω 25'14
	-3868 Apr 07 j 21:18	0° C			-3866 Sep 28 j 01:52	0° \cap
greatest brilliancy	-3868 Apr 25 j 12:11	10° C 01'53	-4.7m			
retrograde	-3868 May 06 j 03:57	12° C 02'10		superior conj	-3866 Oct 20 j 20:09	28° \cap 43'43 0°37'58
evening set	-3868 May 21 j 00:01	7° C 50'49		minimum elong	-3866 Oct 21 j 05:27	29° \cap 13'01 0°37'33
desc. node	-3868 May 21 j 19:39	7° C 24'12			-3866 Oct 21 j 20:22	0° C
inferior conj	-3868 May 27 j 11:45	4° C 02'09	-1°19'09	max. Earth dist.	-3866 Oct 24 j 10:21	3° C 15'09 1.70954 AU
minimum elong	-3868 May 27 j 08:51	4° C 06'38	1°18'14	desc. node	-3866 Nov 06 j 15:35	19° C 52'35
min. Earth dist.	-3868 May 28 j 00:29	3° C 42'33	0.28582 AU		-3866 Nov 14 j 17:11	0° III
morning rise	-3868 Jun 02 j 17:07	0° C 20'51		evening rise	-3866 Dec 02 j 10:29	22° III 10'08
	-3868 Jun 03 j 08:37	30° K Y			-3866 Dec 08 j 17:08	0° A
direct	-3868 Jun 18 j 04:31	25° Y 48'35			-3865 Jan 01 j 20:43	0° C
greatest brilliancy	-3868 Jun 29 j 05:54	28° Y 00'55	-4.8m		-3865 Jan 26 j 05:13	0° \approx
	-3868 Jul 03 j 17:33	0° C			-3865 Feb 19 j 21:07	0° H
morning max el	-3868 Aug 06 j 23:31	27° C 08'39	46°25'35	asc. node	-3865 Feb 27 j 11:05	9° H 07'09
	-3868 Aug 09 j 20:08	0° II			-3865 Mar 17 j 00:14	0° Y
	-3868 Sep 06 j 11:51	0° C			-3865 Apr 11 j 20:40	0° C
asc. node	-3868 Sep 11 j 17:25	6° C 01'34			-3865 May 08 j 23:26	0° II
	-3868 Oct 01 j 23:06	0° Ω		evening max el	-3865 May 30 j 13:11	21° II 57'25 45°43'29
	-3868 Oct 26 j 12:48	0° \cap			-3865 Jun 08 j 05:59	0° C
	-3868 Nov 19 j 18:31	0° C		desc. node	-3865 Jun 19 j 07:15	9° C 08'19
	-3868 Dec 13 j 23:05	0° III		greatest brilliancy	-3865 Jul 09 j 07:59	20° C 33'49 -4.8m
desc. node	-3867 Jan 01 j 13:53	23° III 01'57		retrograde	-3865 Jul 18 j 17:14	22° C 09'59
	-3867 Jan 07 j 05:19	0° A		evening set	-3865 Aug 05 j 08:12	16° C 26'20
	-3867 Jan 31 j 13:33	0° C		inferior conj	-3865 Aug 08 j 16:10	14° C 27'03 -8°44'32
morning set	-3867 Feb 11 j 19:06	13° C 48'49		minimum elong	-3865 Aug 08 j 12:01	14° C 33'19 8°44'09
	-3867 Feb 24 j 23:11	0° \approx		min. Earth dist.	-3865 Aug 09 j 01:20	14° C 13'09 0.27344 AU
				morning rise	-3865 Aug 11 j 15:39	12° C 39'39
superior conj	-3867 Mar 21 j 06:41	29° \approx 51'13	-1°08'16	direct	-3865 Aug 29 j 12:54	6° C 37'50
minimum elong	-3867 Mar 21 j 15:01	0° H 16'50	1°08'07	greatest brilliancy	-3865 Sep 09 j 11:41	8° C 51'20 -4.9m
	-3867 Mar 21 j 09:32	0° H			-3865 Oct 09 j 02:24	0° Ω
max. Earth dist.	-3867 Mar 21 j 10:58	0° H 04'23	1.73664 AU	asc. node	-3865 Oct 10 j 04:46	1° Ω 02'09
	-3867 Apr 14 j 20:10	0° Y		morning max el	-3865 Oct 19 j 06:54	10° Ω 01'12 46°52'22
asc. node	-3867 Apr 24 j 09:37	11° Y 43'59			-3865 Nov 06 j 20:14	0° \cap
evening rise	-3867 Apr 26 j 13:04	14° Y 21'54			-3865 Dec 02 j 20:11	0° C

	-3865 Dec 28 j 00:26	0°♌			-3862 May 19 j 11:43	0°♐		
	-3864 Jan 21 j 22:26	0°♏			-3862 Jun 13 j 22:23	0°♑		
desc. node	-3864 Jan 30 j 01:45	9°♏49'41			-3862 Jul 10 j 02:21	0°♒		
	-3864 Feb 15 j 18:11	0°♑		desc. node	-3862 Jul 16 j 18:48	7°♒26'46		
	-3864 Mar 11 j 12:13	0°♒			-3862 Aug 06 j 21:09	0°♓		
	-3864 Apr 05 j 04:03	0°♓		evening max el	-3862 Aug 12 j 08:13	5°♓30'16	47°11'21	
morning set	-3864 Apr 21 j 07:25	19°♓42'36			-3862 Sep 09 j 23:37	0°♈		
	-3864 Apr 29 j 17:05	0°♈		greatest brilliancy	-3862 Sep 22 j 10:56	6°♈23'10	-4.9m	
asc. node	-3864 May 21 j 22:01	27°♈17'23		retrograde	-3862 Oct 01 j 20:30	8°♈03'57		
max. Earth dist.	-3864 May 23 j 12:14	29°♈15'12	1.73292 AU	evening set	-3862 Oct 16 j 23:58	3°♈30'27		
	-3864 May 24 j 02:46	0°♉		inferior conj	-3862 Oct 22 j 09:09	0°♈19'18	-3°49'27	
				minimum elong	-3862 Oct 22 j 17:09	0°♈07'05	3°47'05	
superior conj	-3864 May 27 j 03:16	3°♉43'36	0°12'15	min. Earth dist.	-3862 Oct 22 j 06:47	0°♈22'55	0.26380 AU	
minimum elong	-3864 May 27 j 00:52	3°♉36'10	0°12'14		-3862 Oct 22 j 21:48	30°♏♑		
behind sun begin	-3864 May 26 j 10:39	2°♉52'19		morning rise	-3862 Oct 28 j 10:31	26°♑47'21		
behind sun end	-3864 May 27 j 15:04	4°♉20'02		asc. node	-3862 Nov 06 j 16:16	23°♑15'04		
	-3864 Jun 17 j 08:59	0°♐		direct	-3862 Nov 11 j 14:50	22°♑44'26		
evening rise	-3864 Jul 01 j 20:54	18°♐00'12		greatest brilliancy	-3862 Nov 21 j 15:47	24°♑40'44	-4.9m	
	-3864 Jul 11 j 12:21	0°♑			-3862 Dec 02 j 01:08	0°♈		
	-3864 Aug 04 j 14:24	0°♒		morning max el	-3862 Dec 31 j 20:10	25°♈25'51	46°32'49	
	-3864 Aug 28 j 17:08	0°♓			-3861 Jan 05 j 08:39	0°♌		
desc. node	-3864 Sep 10 j 16:55	16°♓06'28			-3861 Feb 02 j 04:25	0°♏		
	-3864 Sep 21 j 22:34	0°♈		desc. node	-3861 Feb 26 j 13:28	27°♏44'38		
	-3864 Oct 16 j 08:57	0°♌			-3861 Feb 28 j 12:20	0°♑		
	-3864 Nov 10 j 04:22	0°♏			-3861 Mar 26 j 04:22	0°♒		
	-3864 Dec 05 j 18:59	0°♑			-3861 Apr 20 j 10:19	0°♓		
asc. node	-3863 Jan 01 j 13:17	29°♑07'46			-3861 May 15 j 08:02	0°♈		
	-3863 Jan 02 j 09:51	0°♒			-3861 Jun 08 j 22:04	0°♉		
evening max el	-3863 Jan 04 j 16:35	2°♒17'29	46°05'00	asc. node	-3861 Jun 19 j 10:08	12°♉55'56		
	-3863 Feb 08 j 12:43	0°♓		morning set	-3861 Jun 28 j 08:43	23°♉59'31		
greatest brilliancy	-3863 Feb 12 j 10:44	1°♓42'27	-4.8m		-3861 Jul 03 j 04:56	0°♐		
retrograde	-3863 Feb 23 j 06:03	3°♓51'53			-3861 Jul 27 j 05:54	0°♑		
	-3863 Mar 09 j 04:53	30°♓♒		max. Earth dist.	-3861 Jul 31 j 19:26	5°♑43'13	1.71626 AU	
evening set	-3863 Mar 12 j 11:56	28°♓08'16						
inferior conj	-3863 Mar 16 j 17:02	25°♓30'45	7°07'23	superior conj	-3861 Aug 04 j 10:35	10°♑16'34	1°20'50	
minimum elong	-3863 Mar 17 j 00:52	25°♓18'17	7°06'12	minimum elong	-3861 Aug 04 j 05:36	10°♑00'56	1°20'56	
min. Earth dist.	-3863 Mar 17 j 01:10	25°♓17'49	0.29341 AU		-3861 Aug 20 j 03:10	0°♒		
morning rise	-3863 Mar 21 j 13:47	22°♓29'32		evening rise	-3861 Sep 12 j 08:50	29°♒14'14		
direct	-3863 Apr 07 j 09:30	17°♓04'06			-3861 Sep 12 j 23:23	0°♓		
greatest brilliancy	-3863 Apr 17 j 13:32	18°♓55'26	-4.7m		-3861 Oct 06 j 20:44	0°♈		
desc. node	-3863 Apr 23 j 10:14	21°♓26'16		desc. node	-3861 Oct 09 j 05:22	2°♈57'25		
	-3863 May 06 j 19:18	0°♓			-3861 Oct 30 j 20:41	0°♌		
morning max el	-3863 May 26 j 07:38	16°♓53'57	45°52'20		-3861 Nov 24 j 00:32	0°♏		
	-3863 Jun 08 j 10:46	0°♈			-3861 Dec 18 j 10:41	0°♑		
	-3863 Jul 05 j 23:13	0°♉			-3860 Jan 12 j 08:13	0°♒		
	-3863 Jul 31 j 16:36	0°♐		asc. node	-3860 Jan 30 j 01:03	20°♓44'55		
asc. node	-3863 Aug 14 j 07:54	16°♐25'36			-3860 Feb 07 j 03:12	0°♓		
	-3863 Aug 25 j 10:24	0°♑			-3860 Mar 05 j 18:55	0°♈		
	-3863 Sep 18 j 14:24	0°♒		evening max el	-3860 Mar 16 j 15:49	10°♈46'25	45°08'34	
	-3863 Oct 12 j 11:44	0°♓			-3860 Apr 08 j 14:02	0°♉		
	-3863 Nov 05 j 07:45	0°♈		greatest brilliancy	-3860 Apr 23 j 04:02	7°♉52'09	-4.7m	
morning set	-3863 Nov 25 j 23:06	25°♈54'20		retrograde	-3860 May 03 j 19:00	9°♉51'51		
	-3863 Nov 29 j 05:34	0°♌		evening set	-3860 May 18 j 16:01	5°♉40'09		
desc. node	-3863 Dec 04 j 03:48	6°♌09'52		desc. node	-3860 May 20 j 21:44	4°♉25'16		
	-3863 Dec 23 j 06:18	0°♏		inferior conj	-3860 May 25 j 03:34	1°♉51'23	-0°59'18	
				minimum elong	-3860 May 25 j 01:23	1°♉54'45	0°58'34	
superior conj	-3862 Jan 06 j 18:27	18°♏02'11	-1°07'21	min. Earth dist.	-3860 May 25 j 16:51	1°♉30'52	0.28621 AU	
minimum elong	-3862 Jan 06 j 08:00	17°♏29'44	1°07'12		-3860 May 28 j 04:18	30°♏♑		
max. Earth dist.	-3862 Jan 10 j 15:56	22°♏52'15	1.72395 AU	morning rise	-3860 May 31 j 10:08	28°♈07'49		
	-3862 Jan 16 j 09:58	0°♑		direct	-3860 Jun 15 j 20:39	23°♈37'11		
	-3862 Feb 09 j 16:29	0°♒		greatest brilliancy	-3860 Jun 26 j 21:42	25°♈48'39	-4.8m	
evening rise	-3862 Feb 15 j 00:23	6°♒33'53			-3860 Jul 05 j 10:08	0°♉		
greatest brilliancy	-3862 Feb 22 j 02:42	15°♒17'41	-3.9m	morning max el	-3860 Aug 04 j 13:52	24°♉50'14	46°24'06	
	-3862 Mar 06 j 02:14	0°♓			-3860 Aug 09 j 17:06	0°♐		
asc. node	-3862 Mar 26 j 23:26	25°♓30'35			-3860 Sep 06 j 03:34	0°♑		
	-3862 Mar 30 j 15:58	0°♈		asc. node	-3860 Sep 10 j 19:34	5°♑23'39		
	-3862 Apr 24 j 10:39	0°♉			-3860 Oct 01 j 12:52	0°♒		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3860 Oct 26 j 01:37	0°♎			-3857 Jun 08 j 11:20	0°♏	
	-3860 Nov 19 j 06:44	0°♏		desc. node	-3857 Jun 18 j 09:18	7°♏56'43	
	-3860 Dec 13 j 10:54	0°♎		greatest brilliancy	-3857 Jul 06 j 19:09	18°♏10'27	-4.8m
desc. node	-3860 Dec 31 j 15:54	22°♎32'22		retrograde	-3857 Jul 16 j 06:13	19°♏48'12	
	-3859 Jan 06 j 16:50	0°♏		evening set	-3857 Aug 02 j 17:54	14°♏08'39	
	-3859 Jan 31 j 00:51	0°♏		inferior conj	-3857 Aug 06 j 05:19	12°♏04'36	-8°39'07
morning set	-3859 Feb 09 j 09:44	11°♏31'49		minimum elong	-3857 Aug 06 j 00:19	12°♏12'10	8°38'36
	-3859 Feb 24 j 10:18	0°♏		min. Earth dist.	-3857 Aug 06 j 14:13	11°♏51'09	0.27391 AU
				morning rise	-3857 Aug 09 j 06:32	10°♏14'50	
superior conj	-3859 Mar 19 j 00:19	27°♏44'18	-1°10'03	direct	-3857 Aug 27 j 02:42	4°♏14'20	
minimum elong	-3859 Mar 19 j 08:28	28°♏09'19	1°09'55	greatest brilliancy	-3857 Sep 07 j 02:09	6°♏28'39	-4.9m
max. Earth dist.	-3859 Mar 19 j 07:36	28°♏06'37	1.73641 AU	asc. node	-3857 Oct 09 j 07:03	0°♏04'22	
	-3859 Mar 20 j 20:32	0°♏			-3857 Oct 09 j 05:14	0°♏	
	-3859 Apr 14 j 07:08	0°♏		morning max el	-3857 Oct 16 j 21:08	7°♏36'54	46°52'09
asc. node	-3859 Apr 23 j 11:50	11°♏17'02			-3857 Nov 06 j 13:49	0°♏	
evening rise	-3859 Apr 24 j 08:12	12°♏19'32			-3857 Dec 02 j 10:50	0°♏	
	-3859 May 08 j 17:53	0°♏			-3857 Dec 27 j 13:40	0°♏	
	-3859 Jun 02 j 04:52	0°♏			-3856 Jan 21 j 10:46	0°♏	
	-3859 Jun 26 j 16:48	0°♏		desc. node	-3856 Jan 29 j 03:52	9°♏19'30	
	-3859 Jul 21 j 07:23	0°♏			-3856 Feb 15 j 05:53	0°♏	
desc. node	-3859 Aug 13 j 06:47	27°♏45'51			-3856 Mar 10 j 23:29	0°♏	
	-3859 Aug 15 j 03:30	0°♏			-3856 Apr 04 j 15:02	0°♏	
	-3859 Sep 09 j 10:16	0°♏		morning set	-3856 Apr 19 j 02:05	17°♏39'35	
	-3859 Oct 05 j 15:39	0°♏			-3856 Apr 29 j 03:55	0°♏	
evening max el	-3859 Oct 23 j 13:21	19°♏09'58	47°26'48	asc. node	-3856 May 21 j 00:03	26°♏50'21	
	-3859 Nov 03 j 13:56	0°♏		max. Earth dist.	-3856 May 21 j 10:58	27°♏23'57	1.73332 AU
greatest brilliancy	-3859 Dec 02 j 22:20	21°♏00'34	-4.9m		-3856 May 23 j 13:36	0°♏	
asc. node	-3859 Dec 04 j 03:44	21°♏28'00					
retrograde	-3859 Dec 13 j 15:47	23°♏12'49		superior conj	-3856 May 24 j 22:01	1°♏39'59	0°09'13
evening set	-3859 Dec 29 j 13:13	18°♏08'09		minimum elong	-3856 May 24 j 20:12	1°♏34'23	0°09'12
min. Earth dist.	-3858 Jan 02 j 14:02	15°♏38'43	0.27895 AU	behind sun begin	-3856 May 24 j 02:00	0°♏38'15	
inferior conj	-3858 Jan 03 j 15:49	14°♏57'37	6°33'20	behind sun end	-3856 May 25 j 14:24	2°♏30'32	
minimum elong	-3858 Jan 03 j 06:41	15°♏12'12	6°31'26		-3856 Jun 16 j 19:52	0°♏	
morning rise	-3858 Jan 08 j 00:47	12°♏14'37		evening rise	-3856 Jun 29 j 15:04	15°♏53'28	
direct	-3858 Jan 24 j 11:51	6°♏57'00			-3856 Jul 10 j 23:23	0°♏	
greatest brilliancy	-3858 Feb 02 j 05:08	8°♏22'07	-4.8m		-3856 Aug 04 j 01:39	0°♏	
	-3858 Mar 06 j 16:38	0°♏			-3856 Aug 28 j 04:42	0°♏	
morning max el	-3858 Mar 14 j 08:49	7°♏07'22	45°56'41	desc. node	-3856 Sep 09 j 19:09	15°♏36'58	
desc. node	-3858 Mar 26 j 01:04	18°♏41'55			-3856 Sep 21 j 10:34	0°♏	
	-3858 Apr 05 j 20:45	0°♏			-3856 Oct 15 j 21:32	0°♏	
	-3858 May 03 j 01:15	0°♏			-3856 Nov 09 j 17:54	0°♏	
	-3858 May 28 j 23:47	0°♏			-3856 Dec 05 j 10:28	0°♏	
	-3858 Jun 23 j 03:46	0°♏		asc. node	-3856 Dec 31 j 15:22	28°♏20'55	
asc. node	-3858 Jul 16 j 22:10	28°♏59'03			-3855 Jan 02 j 06:49	0°♏	
	-3858 Jul 17 j 17:57	0°♏		evening max el	-3855 Jan 02 j 08:43	0°♏04'44	46°08'04
	-3858 Aug 10 j 21:46	0°♏		greatest brilliancy	-3855 Feb 10 j 02:58	29°♏33'35	-4.8m
greatest brilliancy	-3858 Sep 02 j 01:23	27°♏49'16	-3.9m		-3855 Feb 11 j 08:03	0°♏	
	-3858 Sep 03 j 18:52	0°♏		retrograde	-3855 Feb 20 j 23:43	1°♏44'14	
morning set	-3858 Sep 07 j 17:18	4°♏57'51			-3855 Mar 02 j 05:16	30°♏	
	-3858 Sep 27 j 13:04	0°♏		evening set	-3855 Mar 10 j 07:03	25°♏56'54	
				inferior conj	-3855 Mar 14 j 09:59	23°♏22'28	7°16'40
superior conj	-3858 Oct 18 j 05:23	26°♏06'10	0°41'29	minimum elong	-3855 Mar 14 j 17:28	23°♏10'35	7°15'35
minimum elong	-3858 Oct 18 j 15:17	26°♏37'22	0°41'05	min. Earth dist.	-3855 Mar 14 j 16:42	23°♏11'47	0.29337 AU
	-3858 Oct 21 j 07:36	0°♏		morning rise	-3855 Mar 19 j 03:57	20°♏25'31	
max. Earth dist.	-3858 Oct 21 j 10:26	0°♏08'54	1.70935 AU	direct	-3855 Apr 05 j 02:24	14°♏56'02	
desc. node	-3858 Nov 05 j 17:43	19°♏23'53		greatest brilliancy	-3855 Apr 15 j 04:12	16°♏45'55	-4.7m
	-3858 Nov 14 j 04:27	0°♏		desc. node	-3855 Apr 22 j 12:22	20°♏02'16	
evening rise	-3858 Nov 29 j 19:47	19°♏34'07			-3855 May 07 j 06:01	0°♏	
	-3858 Dec 08 j 04:25	0°♏		morning max el	-3855 May 24 j 00:59	14°♏47'45	45°51'41
	-3857 Jan 01 j 08:03	0°♏			-3855 Jun 08 j 04:52	0°♏	
	-3857 Jan 25 j 16:42	0°♏			-3855 Jul 05 j 13:33	0°♏	
	-3857 Feb 19 j 08:58	0°♏			-3855 Jul 31 j 05:22	0°♏	
asc. node	-3857 Feb 26 j 13:16	8°♏37'38		asc. node	-3855 Aug 13 j 10:03	15°♏54'52	
	-3857 Mar 16 j 12:53	0°♏			-3855 Aug 24 j 22:22	0°♏	
	-3857 Apr 11 j 10:52	0°♏			-3855 Sep 18 j 01:57	0°♏	
	-3857 May 08 j 17:05	0°♏			-3855 Oct 11 j 23:04	0°♏	
evening max el	-3857 May 28 j 02:28	19°♏37'59	45°41'04		-3855 Nov 04 j 18:56	0°♏	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

morning set	-3855 Nov 23 j 09:07	23°♌20'40		retrograde	-3852 May 01 j 10:03	7°♋42'49	
	-3855 Nov 28 j 16:38	0°♌		evening set	-3852 May 16 j 08:14	3°♋30'12	
desc. node	-3855 Dec 03 j 05:50	5°♌41'38		desc. node	-3852 May 19 j 23:48	1°♋25'23	
	-3855 Dec 22 j 17:16	0°♌			-3852 May 22 j 07:43	30°♋	
				inferior conj	-3852 May 22 j 19:29	29°♋41'48	-0°39'24
superior conj	-3854 Jan 04 j 06:19	15°♌36'03	-1°05'05	minimum elong	-3852 May 22 j 18:02	29°♋44'03	0°38'53
minimum elong	-3854 Jan 03 j 19:33	15°♌02'37	1°04'54	min. Earth dist.	-3852 May 23 j 09:35	29°♋20'00	0.28661 AU
max. Earth dist.	-3854 Jan 08 j 06:36	20°♌34'57	1.72342 AU	morning rise	-3852 May 29 j 03:07	25°♋56'13	
	-3854 Jan 15 j 20:52	0°♌		direct	-3852 Jun 13 j 12:26	21°♋26'45	
	-3854 Feb 09 j 03:21	0°♌		greatest brilliancy	-3852 Jun 24 j 14:14	23°♋38'15	-4.8m
evening rise	-3854 Feb 12 j 15:32	4°♌19'18			-3852 Jul 06 j 13:51	0°♋	
greatest brilliancy	-3854 Feb 20 j 16:32	14°♌13'01	-3.9m	morning max el	-3852 Aug 02 j 04:02	22°♋32'22	46°22'42
	-3854 Mar 05 j 13:11	0°♌			-3852 Aug 09 j 13:05	0°♌	
asc. node	-3854 Mar 26 j 01:36	25°♌03'23			-3852 Sep 05 j 18:46	0°♌	
	-3854 Mar 30 j 03:08	0°♌		asc. node	-3852 Sep 09 j 21:49	4°♌47'14	
	-3854 Apr 23 j 22:14	0°♌			-3852 Oct 01 j 02:15	0°♌	
	-3854 May 19 j 00:04	0°♌			-3852 Oct 25 j 14:05	0°♌	
	-3854 Jun 13 j 12:05	0°♌			-3852 Nov 18 j 18:38	0°♌	
	-3854 Jul 09 j 18:30	0°♌			-3852 Dec 12 j 22:24	0°♌	
desc. node	-3854 Jul 15 j 20:56	6°♌45'39		desc. node	-3852 Dec 30 j 18:02	22°♌04'06	
	-3854 Aug 06 j 19:12	0°♌			-3851 Jan 06 j 04:01	0°♌	
evening max el	-3854 Aug 09 j 22:45	3°♌08'49	47°08'51		-3851 Jan 30 j 11:47	0°♌	
	-3854 Sep 11 j 12:50	0°♌		morning set	-3851 Feb 07 j 00:37	9°♌16'36	
greatest brilliancy	-3854 Sep 19 j 24:00	3°♌54'10	-4.9m		-3851 Feb 23 j 21:03	0°♌	
retrograde	-3854 Sep 29 j 09:04	5°♌33'52					
evening set	-3854 Oct 14 j 14:55	0°♌57'27		superior conj	-3851 Mar 16 j 18:14	25°♌39'16	-1°11'43
	-3854 Oct 16 j 07:06	30°♌		minimum elong	-3851 Mar 17 j 02:08	26°♌03'30	1°11'37
inferior conj	-3854 Oct 19 j 21:18	27°♌50'03	-4°11'33	max. Earth dist.	-3851 Mar 17 j 03:39	26°♌08'08	1.73621 AU
minimum elong	-3854 Oct 20 j 05:55	27°♌36'54	4°09'03		-3851 Mar 20 j 07:11	0°♌	
min. Earth dist.	-3854 Oct 19 j 19:56	27°♌52'09	0.26373 AU		-3851 Apr 13 j 17:49	0°♌	
morning rise	-3854 Oct 25 j 21:07	24°♌20'17		evening rise	-3851 Apr 22 j 03:28	10°♌18'27	
asc. node	-3854 Nov 05 j 18:16	20°♌30'02		asc. node	-3851 Apr 22 j 13:52	10°♌50'19	
direct	-3854 Nov 09 j 03:34	20°♌15'44			-3851 May 08 j 04:43	0°♌	
greatest brilliancy	-3854 Nov 19 j 04:44	22°♌12'18	-4.9m		-3851 Jun 01 j 16:00	0°♌	
	-3854 Dec 03 j 05:24	0°♌			-3851 Jun 26 j 04:23	0°♌	
morning max el	-3854 Dec 29 j 09:43	23°♌02'32	46°34'00		-3851 Jul 20 j 19:36	0°♌	
	-3853 Jan 05 j 05:36	0°♌		desc. node	-3851 Aug 12 j 09:00	27°♌13'18	
	-3853 Feb 01 j 20:01	0°♌			-3851 Aug 14 j 16:40	0°♌	
desc. node	-3853 Feb 25 j 15:43	27°♌12'03			-3851 Sep 09 j 01:00	0°♌	
	-3853 Feb 28 j 01:43	0°♌			-3851 Oct 05 j 09:33	0°♌	
	-3853 Mar 25 j 16:35	0°♌		evening max el	-3851 Oct 21 j 03:37	16°♌46'55	47°28'18
	-3853 Apr 19 j 21:50	0°♌			-3851 Nov 03 j 18:06	0°♌	
	-3853 May 14 j 19:08	0°♌		greatest brilliancy	-3851 Nov 30 j 15:12	18°♌42'23	-4.9m
	-3853 Jun 08 j 08:56	0°♌		asc. node	-3851 Dec 03 j 05:54	19°♌37'16	
asc. node	-3853 Jun 18 j 12:12	12°♌28'55		retrograde	-3851 Dec 11 j 07:01	20°♌53'39	
morning set	-3853 Jun 26 j 01:59	21°♌50'53		evening set	-3851 Dec 27 j 01:39	15°♌53'35	
	-3853 Jul 02 j 15:43	0°♌		min. Earth dist.	-3851 Dec 31 j 05:15	13°♌20'29	0.27814 AU
	-3853 Jul 26 j 16:43	0°♌		inferior conj	-3850 Jan 01 j 06:59	12°♌39'33	6°20'10
max. Earth dist.	-3853 Jul 29 j 04:57	3°♌08'41	1.71687 AU	minimum elong	-3851 Dec 31 j 21:43	12°♌54'18	6°18'09
				morning rise	-3850 Jan 05 j 18:25	9°♌53'02	
superior conj	-3853 Aug 02 j 02:00	8°♌00'21	1°19'50	direct	-3850 Jan 22 j 01:25	4°♌40'02	
minimum elong	-3853 Aug 01 j 20:26	7°♌42'51	1°19'55	greatest brilliancy	-3850 Jan 30 j 20:07	6°♌06'05	-4.8m
	-3853 Aug 19 j 14:07	0°♌			-3850 Mar 06 j 18:29	0°♌	
evening rise	-3853 Sep 09 j 20:00	26°♌43'35		morning max el	-3850 Mar 11 j 23:12	4°♌52'33	45°57'44
	-3853 Sep 12 j 10:28	0°♌		desc. node	-3850 Mar 25 j 03:10	17°♌59'13	
	-3853 Oct 06 j 07:57	0°♌			-3850 Apr 05 j 13:18	0°♌	
desc. node	-3853 Oct 08 j 07:27	2°♌28'48			-3850 May 02 j 14:53	0°♌	
	-3853 Oct 30 j 08:02	0°♌			-3850 May 28 j 12:05	0°♌	
	-3853 Nov 23 j 12:06	0°♌			-3850 Jun 22 j 15:24	0°♌	
	-3853 Dec 17 j 22:38	0°♌		asc. node	-3850 Jul 16 j 00:21	28°♌31'01	
	-3852 Jan 11 j 20:56	0°♌			-3850 Jul 17 j 05:15	0°♌	
asc. node	-3852 Jan 29 j 03:14	20°♌11'50			-3850 Aug 10 j 08:54	0°♌	
	-3852 Feb 06 j 17:35	0°♌		greatest brilliancy	-3850 Sep 01 j 07:14	27°♌32'53	-3.9m
	-3852 Mar 05 j 13:50	0°♌			-3850 Sep 03 j 05:55	0°♌	
evening max el	-3852 Mar 14 j 07:00	8°♌35'07	45°08'57	morning set	-3850 Sep 05 j 05:55	2°♌31'20	
	-3852 Apr 09 j 12:02	0°♌			-3850 Sep 27 j 00:07	0°♌	
greatest brilliancy	-3852 Apr 20 j 20:03	5°♌43'28	-4.7m				

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3850 Oct 15 j 14:38	23° \mathbb{M} 29'03	0°44'55	morning rise	-3847 Mar 16 j 18:09	18° \approx 21'06	
minimum elong	-3850 Oct 16 j 01:02	24° \mathbb{M} 01'52	0°44'30	direct	-3847 Apr 02 j 19:38	12° \approx 47'55	
max. Earth dist.	-3850 Oct 18 j 13:52	27° \mathbb{M} 13'34	1.70920 AU	greatest brilliancy	-3847 Apr 12 j 18:36	14° \approx 35'46	-4.7m
	-3850 Oct 20 j 18:42	0° $\underline{\mathbf{A}}$		desc. node	-3847 Apr 21 j 14:22	18° \approx 40'28	
desc. node	-3850 Nov 04 j 19:41	18° $\underline{\mathbf{A}}$ 55'08			-3847 May 07 j 14:01	0° \mathbb{H}	
	-3850 Nov 13 j 15:36	0° \mathbb{M}		morning max el	-3847 May 21 j 17:52	12° \mathbb{H} 40'19	45°51'11
evening rise	-3850 Nov 27 j 05:05	16° \mathbb{M} 58'23			-3847 Jun 07 j 22:37	0° \mathbb{Y}	
	-3850 Dec 07 j 15:36	0° \mathbb{X}			-3847 Jul 05 j 03:47	0° \mathbb{B}	
	-3850 Dec 31 j 19:17	0° \mathbb{Z}			-3847 Jul 30 j 18:10	0° \mathbb{I}	
	-3849 Jan 25 j 04:05	0° \approx		asc. node	-3847 Aug 12 j 12:14	15° \mathbb{I} 23'53	
	-3849 Feb 18 j 20:43	0° \mathbb{H}			-3847 Aug 24 j 10:28	0° \mathbb{G}	
asc. node	-3849 Feb 25 j 15:28	8° \mathbb{H} 08'36			-3847 Sep 17 j 13:42	0° Ω	
	-3849 Mar 16 j 01:25	0° \mathbb{Y}			-3847 Oct 11 j 10:39	0° \mathbb{M}	
	-3849 Apr 11 j 01:00	0° \mathbb{B}			-3847 Nov 04 j 06:24	0° $\underline{\mathbf{A}}$	
	-3849 May 08 j 10:57	0° \mathbb{I}		morning set	-3847 Nov 20 j 18:46	20° $\underline{\mathbf{A}}$ 44'49	
evening max el	-3849 May 25 j 16:45	17° \mathbb{I} 21'28	45°38'31		-3847 Nov 28 j 03:59	0° \mathbb{M}	
	-3849 Jun 08 j 18:45	0° \mathbb{G}		desc. node	-3847 Dec 02 j 08:01	5° \mathbb{M} 13'00	
desc. node	-3849 Jun 17 j 11:27	6° \mathbb{G} 43'18			-3847 Dec 22 j 04:31	0° \mathbb{X}	
greatest brilliancy	-3849 Jul 04 j 05:48	15° \mathbb{G} 46'52	-4.8m				
retrograde	-3849 Jul 13 j 19:29	17° \mathbb{G} 26'34		superior conj	-3846 Jan 01 j 17:43	13° \mathbb{X} 07'32	-1°02'40
evening set	-3849 Jul 31 j 03:23	11° \mathbb{G} 51'31		minimum elong	-3846 Jan 01 j 06:45	12° \mathbb{X} 33'25	1°02'28
inferior conj	-3849 Aug 03 j 18:27	9° \mathbb{G} 42'13	-8°32'44	max. Earth dist.	-3846 Jan 05 j 22:51	18° \mathbb{X} 21'38	1.72284 AU
minimum elong	-3849 Aug 03 j 12:41	9° \mathbb{G} 50'57	8°32'05		-3846 Jan 15 j 08:01	0° \mathbb{Z}	
min. Earth dist.	-3849 Aug 04 j 02:49	9° \mathbb{G} 29'36	0.27441 AU		-3846 Feb 08 j 14:30	0° \approx	
morning rise	-3849 Aug 06 j 21:47	7° \mathbb{G} 49'32		evening rise	-3846 Feb 10 j 06:28	2° \approx 03'08	
direct	-3849 Aug 24 j 17:09	1° \mathbb{G} 51'06		greatest brilliancy	-3846 Feb 19 j 22:51	13° \approx 58'08	-3.9m
greatest brilliancy	-3849 Sep 04 j 16:08	4° \mathbb{G} 05'27	-4.9m		-3846 Mar 05 j 00:24	0° \mathbb{H}	
asc. node	-3849 Oct 08 j 09:04	29° \mathbb{G} 06'58		asc. node	-3846 Mar 25 j 03:38	24° \mathbb{H} 34'58	
	-3849 Oct 09 j 06:43	0° Ω			-3846 Mar 29 j 14:34	0° \mathbb{Y}	
morning max el	-3849 Oct 14 j 11:53	5° Ω 14'02	46°51'52		-3846 Apr 23 j 10:06	0° \mathbb{B}	
	-3849 Nov 06 j 07:05	0° \mathbb{M}			-3846 May 18 j 12:42	0° \mathbb{I}	
	-3849 Dec 02 j 01:21	0° $\underline{\mathbf{A}}$			-3846 Jun 13 j 02:03	0° \mathbb{G}	
	-3849 Dec 27 j 02:48	0° \mathbb{M}			-3846 Jul 09 j 11:05	0° Ω	
	-3848 Jan 20 j 23:03	0° \mathbb{X}		desc. node	-3846 Jul 14 j 23:08	6° Ω 03'50	
desc. node	-3848 Jan 28 j 06:01	8° \mathbb{X} 49'25			-3846 Aug 06 j 18:22	0° \mathbb{M}	
	-3848 Feb 14 j 17:35	0° \mathbb{Z}		evening max el	-3846 Aug 07 j 12:28	0° \mathbb{M} 44'50	47°06'02
	-3848 Mar 10 j 10:44	0° \approx			-3846 Sep 13 j 22:59	0° $\underline{\mathbf{A}}$	
	-3848 Apr 04 j 02:01	0° \mathbb{H}		greatest brilliancy	-3846 Sep 17 j 13:24	1° $\underline{\mathbf{A}}$ 24'39	-4.9m
morning set	-3848 Apr 16 j 21:11	15° \mathbb{H} 37'56		retrograde	-3846 Sep 26 j 20:53	3° $\underline{\mathbf{A}}$ 02'33	
	-3848 Apr 28 j 14:45	0° \mathbb{Y}			-3846 Oct 09 j 03:28	30° \mathbb{R} \mathbb{M}	
max. Earth dist.	-3848 May 19 j 10:21	25° \mathbb{Y} 34'52	1.73370 AU	evening set	-3846 Oct 12 j 05:57	28° \mathbb{M} 23'03	
asc. node	-3848 May 20 j 02:11	26° \mathbb{Y} 23'40		inferior conj	-3846 Oct 17 j 09:26	25° \mathbb{M} 19'38	-4°33'11
				minimum elong	-3846 Oct 17 j 18:35	25° \mathbb{M} 05'38	4°30'35
superior conj	-3848 May 22 j 17:11	29° \mathbb{Y} 37'48	0°06'11	min. Earth dist.	-3846 Oct 17 j 09:24	25° \mathbb{M} 19'41	0.26377 AU
minimum elong	-3848 May 22 j 15:57	29° \mathbb{Y} 34'00	0°06'12	morning rise	-3846 Oct 23 j 07:22	21° \mathbb{M} 52'08	
behind sun begin	-3848 May 21 j 19:26	28° \mathbb{Y} 30'45		asc. node	-3846 Nov 04 j 20:29	17° \mathbb{M} 49'34	
behind sun end	-3848 May 23 j 12:28	0° \mathbb{B} 37'16		direct	-3846 Nov 06 j 15:52	17° \mathbb{M} 45'32	
	-3848 May 23 j 00:23	0° \mathbb{B}		greatest brilliancy	-3846 Nov 16 j 18:22	19° \mathbb{M} 42'58	-4.9m
	-3848 Jun 16 j 06:45	0° \mathbb{I}			-3846 Dec 04 j 02:47	0° $\underline{\mathbf{A}}$	
evening rise	-3848 Jun 27 j 09:37	13° \mathbb{I} 47'54		morning max el	-3846 Dec 26 j 22:16	20° $\underline{\mathbf{A}}$ 34'56	46°35'11
	-3848 Jul 10 j 10:28	0° \mathbb{G}			-3845 Jan 05 j 02:24	0° \mathbb{M}	
	-3848 Aug 03 j 13:02	0° Ω			-3845 Feb 01 j 11:50	0° \mathbb{X}	
	-3848 Aug 27 j 16:27	0° \mathbb{M}		desc. node	-3845 Feb 24 j 17:48	26° \mathbb{X} 37'59	
desc. node	-3848 Sep 08 j 21:12	15° \mathbb{M} 06'22			-3845 Feb 27 j 15:24	0° \mathbb{Z}	
	-3848 Sep 20 j 22:46	0° $\underline{\mathbf{A}}$			-3845 Mar 25 j 05:07	0° \approx	
	-3848 Oct 15 j 10:20	0° \mathbb{M}			-3845 Apr 19 j 09:41	0° \mathbb{H}	
	-3848 Nov 09 j 07:42	0° \mathbb{X}			-3845 May 14 j 06:33	0° \mathbb{Y}	
	-3848 Dec 05 j 02:21	0° \mathbb{Z}			-3845 Jun 07 j 20:07	0° \mathbb{B}	
asc. node	-3848 Dec 30 j 17:35	27° \mathbb{Z} 33'09		asc. node	-3845 Jun 17 j 14:27	12° \mathbb{B} 01'28	
evening max el	-3848 Dec 31 j 01:23	27° \mathbb{Z} 52'40	46°11'07	morning set	-3845 Jun 23 j 19:40	19° \mathbb{B} 42'39	
	-3847 Jan 02 j 04:45	0° \approx			-3845 Jul 02 j 02:48	0° \mathbb{I}	
greatest brilliancy	-3847 Feb 07 j 19:45	27° \approx 24'56	-4.8m		-3845 Jul 26 j 03:49	0° \mathbb{G}	
retrograde	-3847 Feb 18 j 17:16	29° \approx 36'05		max. Earth dist.	-3845 Jul 26 j 18:01	0° \mathbb{G} 44'29	1.71746 AU
evening set	-3847 Mar 08 j 02:13	23° \approx 45'27					
inferior conj	-3847 Mar 12 j 03:01	21° \approx 13'54	7°25'26	superior conj	-3845 Jul 30 j 18:02	5° \mathbb{G} 45'17	1°18'44
minimum elong	-3847 Mar 12 j 10:07	21° \approx 02'36	7°24'27	minimum elong	-3845 Jul 30 j 11:53	5° \mathbb{G} 26'01	1°18'47
min. Earth dist.	-3847 Mar 12 j 08:18	21° \approx 05'29	0.29325 AU		-3845 Aug 19 j 01:19	0° Ω	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening rise	-3845 Sep 07 j 07:50	24°Ω14'18		morning max el	-3842 Mar 09 j 14:26	2°З38'22	45°58'39
	-3845 Sep 11 j 21:49	0°൬		desc. node	-3842 Mar 24 j 05:13	17°З15'36	
	-3845 Oct 05 j 19:28	0°♁			-3842 Apr 05 j 06:02	0°≈	
desc. node	-3845 Oct 07 j 09:29	1°♁58'59			-3842 May 02 j 04:48	0°✕	
	-3845 Oct 29 j 19:47	0°ℓ			-3842 May 28 j 00:41	0°Ÿ	
	-3845 Nov 23 j 00:08	0°♂			-3842 Jun 22 j 03:18	0°♄	
	-3845 Dec 17 j 11:07	0°З		asc. node	-3842 Jul 15 j 02:26	28°♄01'48	
	-3844 Jan 11 j 10:14	0°≈			-3842 Jul 16 j 16:48	0°♄	
asc. node	-3844 Jan 28 j 05:25	19°≈36'59			-3842 Aug 09 j 20:16	0°♁	
	-3844 Feb 06 j 08:41	0°✕		greatest brilliancy	-3842 Aug 31 j 13:30	27°♁17'01	-3.9m
	-3844 Mar 05 j 09:53	0°Ÿ		morning set	-3842 Sep 02 j 18:46	0°Ω04'53	
evening max el	-3844 Mar 11 j 21:22	6°Ÿ20'24	45°09'37		-3842 Sep 02 j 17:13	0°Ω	
	-3844 Apr 10 j 19:40	0°♄			-3842 Sep 26 j 11:24	0°൬	
greatest brilliancy	-3844 Apr 18 j 11:36	3°♄32'56	-4.7m				
retrograde	-3844 Apr 29 j 01:18	5°♄32'38		superior conj	-3842 Oct 13 j 00:16	20°൬52'29	0°48'14
evening set	-3844 May 14 j 00:32	1°♄18'33		minimum elong	-3842 Oct 13 j 11:05	21°൬26'33	0°47'49
	-3844 May 16 j 08:47	30°♄Ÿ		max. Earth dist.	-3842 Oct 15 j 20:21	24°൬27'08	1.70902 AU
desc. node	-3844 May 19 j 02:01	28°Ÿ22'14			-3842 Oct 20 j 06:00	0°♁	
inferior conj	-3844 May 20 j 11:20	27°Ÿ30'53	-0°19'22	desc. node	-3842 Nov 03 j 21:54	18°♁26'37	
minimum elong	-3844 May 20 j 10:38	27°Ÿ31'59	0°19'06		-3842 Nov 13 j 02:55	0°ℓ	
min. Earth dist.	-3844 May 21 j 02:13	27°Ÿ07'52	0.28700 AU	evening rise	-3842 Nov 24 j 14:41	14°ℓ23'07	
morning rise	-3844 May 26 j 19:55	23°Ÿ43'41			-3842 Dec 07 j 02:56	0°♂	
direct	-3844 Jun 11 j 04:02	19°Ÿ14'50			-3842 Dec 31 j 06:41	0°З	
greatest brilliancy	-3844 Jun 22 j 07:07	21°Ÿ27'08	-4.8m		-3841 Jan 24 j 15:41	0°≈	
	-3844 Jul 07 j 10:43	0°♄			-3841 Feb 18 j 08:45	0°✕	
morning max el	-3844 Jul 30 j 18:46	20°♄15'02	46°21'35	asc. node	-3841 Feb 24 j 17:28	7°✕38'02	
	-3844 Aug 09 j 08:51	0°♄			-3841 Mar 15 j 14:19	0°Ÿ	
	-3844 Sep 05 j 10:02	0°♁			-3841 Apr 10 j 15:39	0°♄	
asc. node	-3844 Sep 08 j 23:50	4°♁09'40			-3841 May 08 j 05:36	0°♄	
	-3844 Sep 30 j 15:46	0°Ω		evening max el	-3841 May 23 j 07:32	15°♄05'27	45°36'08
	-3844 Oct 25 j 02:44	0°൬			-3841 Jun 09 j 05:16	0°♁	
	-3844 Nov 18 j 06:47	0°♁		desc. node	-3841 Jun 16 j 13:37	5°♁26'50	
	-3844 Dec 12 j 10:13	0°ℓ		greatest brilliancy	-3841 Jul 01 j 16:30	13°♁22'55	-4.8m
desc. node	-3844 Dec 29 j 20:12	21°ℓ34'46		retrograde	-3841 Jul 11 j 08:44	15°♁04'12	
	-3843 Jan 05 j 15:35	0°♂		evening set	-3841 Jul 28 j 12:43	9°♁34'13	
	-3843 Jan 29 j 23:09	0°З		inferior conj	-3841 Aug 01 j 07:34	7°♁19'17	-8°25'29
morning set	-3843 Feb 04 j 14:44	6°З57'34		minimum elong	-3841 Aug 01 j 01:04	7°♁29'06	8°24'42
	-3843 Feb 23 j 08:14	0°≈		min. Earth dist.	-3841 Aug 01 j 15:16	7°♁07'38	0.27486 AU
				morning rise	-3841 Aug 04 j 13:13	5°♁23'10	
superior conj	-3843 Mar 14 j 11:34	23°≈31'08	-1°13'18		-3841 Aug 17 j 03:50	30°♄♄	
minimum elong	-3843 Mar 14 j 19:10	23°≈54'26	1°13'14	direct	-3841 Aug 22 j 07:43	29°♄27'33	
max. Earth dist.	-3843 Mar 14 j 22:26	24°≈04'28	1.73598 AU		-3841 Aug 27 j 14:04	0°♁	
	-3843 Mar 19 j 18:16	0°✕		greatest brilliancy	-3841 Sep 02 j 05:35	1°♁41'05	-4.9m
	-3843 Apr 13 j 04:54	0°Ÿ		asc. node	-3841 Oct 07 j 11:16	28°♁10'45	
evening rise	-3843 Apr 19 j 22:21	8°Ÿ15'03			-3841 Oct 09 j 07:11	0°Ω	
asc. node	-3843 Apr 21 j 16:00	10°Ÿ22'45		morning max el	-3841 Oct 12 j 02:19	2°Ω50'00	46°51'35
	-3843 May 07 j 15:58	0°♄			-3841 Nov 06 j 00:08	0°൬	
	-3843 Jun 01 j 03:32	0°♄			-3841 Dec 01 j 15:46	0°♁	
	-3843 Jun 25 j 16:22	0°♁			-3841 Dec 26 j 15:53	0°ℓ	
	-3843 Jul 20 j 08:13	0°Ω			-3840 Jan 20 j 11:18	0°♂	
desc. node	-3843 Aug 11 j 11:03	26°Ω39'15		desc. node	-3840 Jan 27 j 08:06	8°♂19'10	
	-3843 Aug 14 j 06:13	0°൬			-3840 Feb 14 j 05:16	0°З	
	-3843 Sep 08 j 16:09	0°♁			-3840 Mar 09 j 22:03	0°≈	
	-3843 Oct 05 j 04:04	0°ℓ			-3840 Apr 03 j 13:05	0°✕	
evening max el	-3843 Oct 18 j 18:02	14°ℓ23'51	47°29'42	morning set	-3840 Apr 14 j 16:01	13°✕35'09	
	-3843 Nov 04 j 00:27	0°♂			-3840 Apr 28 j 01:42	0°Ÿ	
greatest brilliancy	-3843 Nov 28 j 07:12	16°♂22'09	-4.9m	max. Earth dist.	-3840 May 17 j 07:31	23°Ÿ38'39	1.73406 AU
asc. node	-3843 Dec 02 j 08:06	17°♂41'11		asc. node	-3840 May 19 j 04:24	25°Ÿ56'50	
retrograde	-3843 Dec 08 j 22:26	18°♂33'19					
evening set	-3843 Dec 24 j 13:58	13°♂37'24		superior conj	-3840 May 20 j 12:01	27°Ÿ34'15	0°03'08
min. Earth dist.	-3843 Dec 28 j 20:08	11°♂01'04	0.27742 AU	minimum elong	-3840 May 20 j 11:24	27°Ÿ32'19	0°03'11
inferior conj	-3843 Dec 29 j 22:01	10°♂20'00	6°06'06	behind sun begin	-3840 May 19 j 13:41	26°Ÿ25'25	
minimum elong	-3843 Dec 29 j 12:40	10°♂34'51	6°04'00	behind sun end	-3840 May 21 j 09:07	28°Ÿ39'15	
morning rise	-3842 Jan 03 j 12:00	7°♂30'05			-3840 May 22 j 11:19	0°♄	
direct	-3842 Jan 19 j 15:12	2°♂21'24			-3840 Jun 15 j 17:45	0°♄	
greatest brilliancy	-3842 Jan 28 j 10:55	3°♂48'27	-4.8m	evening rise	-3840 Jun 25 j 03:50	11°♄41'05	
	-3842 Mar 06 j 19:37	0°З			-3840 Jul 09 j 21:38	0°♁	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3840 Aug 03 j 00:29	0°♌			-3837 Feb 01 j 03:09	0°♏		
	-3840 Aug 27 j 04:17	0°♍		desc. node	-3837 Feb 23 j 19:49	26°♏04'45		
desc. node	-3840 Sep 07 j 23:13	14°♍35'28			-3837 Feb 27 j 04:40	0°♏		
	-3840 Sep 20 j 11:03	0°♎			-3837 Mar 24 j 17:15	0°♎		
	-3840 Oct 14 j 23:14	0°♏			-3837 Apr 18 j 21:09	0°♏		
	-3840 Nov 08 j 21:37	0°♏			-3837 May 13 j 17:37	0°♏		
	-3840 Dec 04 j 18:24	0°♏			-3837 Jun 07 j 06:59	0°♏		
evening max el	-3840 Dec 28 j 17:38	25°♏39'44	46°14'13	asc. node	-3837 Jun 16 j 16:30	11°♏34'19		
asc. node	-3840 Dec 29 j 19:44	26°♏44'48		morning set	-3837 Jun 21 j 13:21	17°♏35'19		
	-3839 Jan 02 j 03:24	0°♎			-3837 Jul 01 j 13:37	0°♏		
greatest brilliancy	-3839 Feb 05 j 13:00	25°♎17'18	-4.8m	max. Earth dist.	-3837 Jul 24 j 08:34	28°♏25'38	1.71811 AU	
retrograde	-3839 Feb 16 j 10:31	27°♎28'20			-3837 Jul 25 j 14:42	0°♏		
evening set	-3839 Mar 05 j 21:20	21°♎34'47						
inferior conj	-3839 Mar 09 j 20:08	19°♎05'52	7°33'27	superior conj	-3837 Jul 28 j 09:55	3°♏30'30	1°17'28	
minimum elong	-3839 Mar 10 j 02:48	18°♎55'14	7°32'36	minimum elong	-3837 Jul 28 j 03:15	3°♏09'36	1°17'31	
min. Earth dist.	-3839 Mar 10 j 00:06	18°♎59'33	0.29312 AU		-3837 Aug 18 j 12:19	0°♌		
morning rise	-3839 Mar 14 j 08:26	16°♎17'00		evening rise	-3837 Sep 04 j 19:33	21°♌45'24		
direct	-3839 Mar 31 j 12:47	10°♎40'24			-3837 Sep 11 j 08:57	0°♍		
greatest brilliancy	-3839 Apr 10 j 09:14	12°♎26'08	-4.7m		-3837 Oct 05 j 06:46	0°♎		
desc. node	-3839 Apr 20 j 16:39	17°♎21'48		desc. node	-3837 Oct 06 j 11:40	1°♎30'28		
	-3839 May 07 j 19:40	0°♏			-3837 Oct 29 j 07:16	0°♏		
morning max el	-3839 May 19 j 09:58	10°♏31'00	45°50'32		-3837 Nov 22 j 11:54	0°♏		
	-3839 Jun 07 j 15:59	0°♏			-3837 Dec 16 j 23:19	0°♏		
	-3839 Jul 04 j 17:55	0°♏			-3836 Jan 10 j 23:16	0°♎		
	-3839 Jul 30 j 06:53	0°♏		asc. node	-3836 Jan 27 j 07:28	19°♎02'34		
asc. node	-3839 Aug 11 j 14:19	14°♏52'43			-3836 Feb 05 j 23:35	0°♏		
	-3839 Aug 23 j 22:29	0°♏			-3836 Mar 05 j 06:03	0°♏		
	-3839 Sep 17 j 01:21	0°♌		evening max el	-3836 Mar 09 j 12:05	4°♏07'59	45°10'34	
	-3839 Oct 10 j 22:07	0°♍			-3836 Apr 12 j 16:54	0°♏		
	-3839 Nov 03 j 17:44	0°♎		greatest brilliancy	-3836 Apr 16 j 02:49	1°♏23'56	-4.7m	
morning set	-3839 Nov 18 j 04:20	18°♎09'02		retrograde	-3836 Apr 26 j 17:21	3°♏24'47		
	-3839 Nov 27 j 15:13	0°♏			-3836 May 10 j 01:23	30°♏00'00		
desc. node	-3839 Dec 01 j 10:06	4°♏44'28		evening set	-3836 May 11 j 17:16	29°♏08'51		
	-3839 Dec 21 j 15:37	0°♏		inferior conj	-3836 May 18 j 03:27	25°♏22'03	0°00'22	
superior conj	-3839 Dec 30 j 05:07	10°♏39'21	-1°00'07	minimum elong	-3836 May 18 j 03:28	25°♏22'01	0°00'26	
minimum elong	-3839 Dec 29 j 18:01	10°♏04'53	0°59'54	transit middle	-3836 May 18 j 03:28	25°♏22'01	0°00'26	
max. Earth dist.	-3838 Jan 03 j 14:53	16°♏08'05	1.72221 AU	transit begin	-3836 May 17 j 23:23	25°♏28'20		
	-3838 Jan 14 j 19:01	0°♏		transit end	-3836 May 18 j 07:33	25°♏15'43		
evening rise	-3838 Feb 07 j 21:25	29°♏47'32		desc. node	-3836 May 18 j 04:06	25°♏21'03		
	-3838 Feb 08 j 01:27	0°♎		min. Earth dist.	-3836 May 18 j 18:44	24°♏58'27	0.28742 AU	
greatest brilliancy	-3838 Feb 19 j 07:59	13°♎52'33	-3.9m	morning rise	-3836 May 24 j 12:53	21°♏33'44		
	-3838 Mar 04 j 11:25	0°♏		direct	-3836 Jun 08 j 20:12	17°♏05'03		
asc. node	-3838 Mar 24 j 05:50	24°♏07'41		greatest brilliancy	-3836 Jun 19 j 23:57	19°♏18'03	-4.8m	
	-3838 Mar 29 j 01:48	0°♏		morning max el	-3836 Jul 08 j 01:31	0°♏		
	-3838 Apr 22 j 21:48	0°♏			-3836 Jul 28 j 10:33	18°♏01'43	46°20'11	
	-3838 May 18 j 01:15	0°♏			-3836 Aug 09 j 03:40	0°♏		
	-3838 Jun 12 j 16:04	0°♏			-3836 Sep 05 j 00:51	0°♏		
	-3838 Jul 09 j 03:54	0°♌		asc. node	-3836 Sep 08 j 02:01	3°♏33'35		
desc. node	-3838 Jul 14 j 01:10	5°♌21'19			-3836 Sep 30 j 04:59	0°♌		
evening max el	-3838 Aug 05 j 01:04	28°♌18'26	47°03'14		-3836 Oct 24 j 15:06	0°♍		
	-3838 Aug 06 j 18:27	0°♍			-3836 Nov 17 j 18:38	0°♎		
greatest brilliancy	-3838 Sep 15 j 03:02	28°♍55'47	-4.9m	desc. node	-3836 Dec 28 j 22:13	21°♍06'03		
	-3838 Sep 19 j 02:51	0°♎			-3835 Jan 05 j 02:48	0°♏		
retrograde	-3838 Sep 24 j 08:11	0°♎31'44			-3835 Jan 29 j 10:08	0°♏		
	-3838 Sep 29 j 10:38	30°♏00'00		morning set	-3835 Feb 02 j 04:42	4°♏39'03		
evening set	-3838 Oct 09 j 20:58	25°♏48'46			-3835 Feb 22 j 19:02	0°♎		
inferior conj	-3838 Oct 14 j 21:29	22°♏49'43	-4°54'10					
minimum elong	-3838 Oct 15 j 07:06	22°♏35'00	4°51'31	superior conj	-3835 Mar 12 j 04:59	21°♎24'19	-1°14'47	
min. Earth dist.	-3838 Oct 14 j 22:58	22°♏47'27	0.26382 AU	minimum elong	-3835 Mar 12 j 12:15	21°♎46'37	1°14'44	
morning rise	-3838 Oct 20 j 17:17	19°♏24'50		max. Earth dist.	-3835 Mar 12 j 17:37	22°♎03'04	1.73573 AU	
asc. node	-3838 Nov 03 j 22:43	15°♏15'37			-3835 Mar 19 j 04:58	0°♏		
direct	-3838 Nov 04 j 03:38	15°♏15'34			-3835 Apr 12 j 15:35	0°♏		
greatest brilliancy	-3838 Nov 14 j 08:22	17°♏14'36	-4.9m	evening rise	-3835 Apr 17 j 17:29	6°♏13'43		
	-3838 Dec 04 j 18:28	0°♎		asc. node	-3835 Apr 20 j 18:12	9°♏56'39		
morning max el	-3838 Dec 24 j 10:26	18°♎06'48	46°36'28		-3835 May 07 j 02:47	0°♏		
	-3837 Jan 04 j 22:17	0°♏			-3835 May 31 j 14:40	0°♏		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3835 Jun 25 j 03:57	0°☿				-3833 Dec 26 j 04:46	0°♍		
	-3835 Jul 19 j 20:30	0°♌				-3832 Jan 19 j 23:24	0°♊		
desc. node	-3835 Aug 10 j 13:07	26°♌05'58		desc. node	-3832 Jan 26 j 10:11	7°♊49'17			
	-3835 Aug 13 j 19:34	0°♍			-3832 Feb 13 j 16:48	0°♈			
	-3835 Sep 08 j 07:15	0°♎			-3832 Mar 09 j 09:11	0°♏			
	-3835 Oct 04 j 22:53	0°♍			-3832 Apr 02 j 23:57	0°♏			
evening max el	-3835 Oct 16 j 09:20	12°♍03'25	47°30'59	morning set	-3832 Apr 12 j 10:41	11°♏32'31			
	-3835 Nov 04 j 09:04	0°♊			-3832 Apr 27 j 12:26	0°♏			
greatest brilliancy	-3835 Nov 25 j 22:35	14°♊01'08	-4.9m	max. Earth dist.	-3832 May 15 j 03:40	21°♏39'58	1.73439 AU		
asc. node	-3835 Dec 01 j 10:10	15°♊40'21							
retrograde	-3835 Dec 06 j 14:03	16°♊12'42		superior conj	-3832 May 18 j 06:58	25°♏31'46	0°00'03		
evening set	-3835 Dec 22 j 02:08	11°♊20'47		minimum elong	-3832 May 18 j 06:56	25°♏31'41	0°00'07		
min. Earth dist.	-3835 Dec 26 j 10:28	8°♊41'44	0.27664 AU	behind sun begin	-3832 May 17 j 09:14	24°♏24'50			
inferior conj	-3835 Dec 27 j 12:45	8°♊00'10	5°51'21	behind sun end	-3832 May 19 j 04:39	26°♏38'34			
minimum elong	-3835 Dec 27 j 03:23	8°♊14'59	5°49'09	asc. node	-3832 May 18 j 06:25	25°♏30'04			
morning rise	-3834 Jan 01 j 05:20	5°♊06'59			-3832 May 21 j 22:02	0°♏			
direct	-3834 Jan 17 j 05:16	0°♊02'42			-3832 Jun 15 j 04:33	0°♏			
greatest brilliancy	-3834 Jan 26 j 00:56	1°♊30'17	-4.8m	evening rise	-3832 Jun 22 j 22:23	9°♏35'57			
	-3834 Mar 06 j 19:10	0°♈			-3832 Jul 09 j 08:37	0°♈			
morning max el	-3834 Mar 07 j 06:02	0°♈25'59	45°59'41		-3832 Aug 02 j 11:44	0°♌			
desc. node	-3834 Mar 23 j 07:28	16°♈34'05			-3832 Aug 26 j 15:53	0°♍			
	-3834 Apr 04 j 22:04	0°♏		desc. node	-3832 Sep 07 j 01:28	14°♍06'00			
	-3834 May 01 j 18:12	0°♏			-3832 Sep 19 j 23:08	0°♎			
	-3834 May 27 j 12:49	0°♏			-3832 Oct 14 j 11:58	0°♍			
	-3834 Jun 21 j 14:46	0°♏			-3832 Nov 08 j 11:29	0°♊			
asc. node	-3834 Jul 14 j 04:32	27°♏33'57			-3832 Dec 04 j 10:40	0°♈			
	-3834 Jul 16 j 03:55	0°♏		evening max el	-3832 Dec 26 j 08:58	23°♈24'06	46°17'09		
	-3834 Aug 09 j 07:14	0°♈		asc. node	-3832 Dec 28 j 21:48	25°♈55'16			
greatest brilliancy	-3834 Aug 30 j 17:38	26°♈55'36	-3.9m		-3831 Jan 02 j 03:08	0°♏			
morning set	-3834 Aug 31 j 07:57	27°♈40'42		greatest brilliancy	-3831 Feb 03 j 06:46	23°♏09'30	-4.8m		
	-3834 Sep 02 j 04:10	0°♌		retrograde	-3831 Feb 14 j 03:14	25°♏19'48			
	-3834 Sep 25 j 22:24	0°♍		evening set	-3831 Mar 03 j 16:10	19°♏23'38			
				inferior conj	-3831 Mar 07 j 13:06	16°♏57'16	7°40'56		
superior conj	-3834 Oct 10 j 09:53	18°♍16'34	0°51'25	minimum elong	-3831 Mar 07 j 19:16	16°♏47'25	7°40'12		
minimum elong	-3834 Oct 10 j 20:58	18°♍51'32	0°51'02	min. Earth dist.	-3831 Mar 07 j 16:03	16°♏52'34	0.29294 AU		
max. Earth dist.	-3834 Oct 13 j 02:58	21°♍41'49	1.70893 AU	morning rise	-3831 Mar 11 j 22:33	14°♏12'18			
	-3834 Oct 19 j 17:04	0°♎		direct	-3831 Mar 29 j 05:14	8°♏32'19			
desc. node	-3834 Nov 02 j 24:00	17°♎58'22		greatest brilliancy	-3831 Apr 08 j 00:09	10°♏16'27	-4.7m		
	-3834 Nov 12 j 14:02	0°♍		desc. node	-3831 Apr 19 j 18:43	16°♏04'58			
evening rise	-3834 Nov 21 j 23:39	11°♍46'22			-3831 May 07 j 23:24	0°♏			
	-3834 Dec 06 j 14:04	0°♊		morning max el	-3831 May 17 j 01:00	8°♏19'16	45°50'04		
	-3834 Dec 30 j 17:53	0°♈			-3831 Jun 07 j 08:55	0°♏			
	-3833 Jan 24 j 03:04	0°♏			-3831 Jul 04 j 07:46	0°♏			
	-3833 Feb 17 j 20:34	0°♏			-3831 Jul 29 j 19:24	0°♏			
asc. node	-3833 Feb 23 j 19:41	7°♏08'55		asc. node	-3831 Aug 10 j 16:27	14°♏22'10			
	-3833 Mar 15 j 03:00	0°♏			-3831 Aug 23 j 10:20	0°♈			
	-3833 Apr 10 j 06:06	0°♏			-3831 Sep 16 j 12:52	0°♌			
	-3833 May 08 j 00:18	0°♏			-3831 Oct 10 j 09:26	0°♍			
evening max el	-3833 May 20 j 22:41	12°♏51'38	45°33'52		-3831 Nov 03 j 04:57	0°♎			
	-3833 Jun 09 j 18:27	0°♈		morning set	-3831 Nov 15 j 14:17	15°♎34'38			
desc. node	-3833 Jun 15 j 15:41	4°♈09'20			-3831 Nov 27 j 02:19	0°♍			
greatest brilliancy	-3833 Jun 29 j 04:09	11°♈02'08	-4.8m	desc. node	-3831 Nov 30 j 12:07	4°♍16'03			
retrograde	-3833 Jul 08 j 21:56	12°♈44'09			-3831 Dec 21 j 02:39	0°♊			
evening set	-3833 Jul 25 j 22:21	7°♈19'44							
inferior conj	-3833 Jul 29 j 21:03	4°♈58'55	-8°17'24	superior conj	-3831 Dec 27 j 16:24	8°♊10'55	-0°57'28		
minimum elong	-3833 Jul 29 j 13:52	5°♈09'48	8°16'29	minimum elong	-3831 Dec 27 j 05:17	7°♊36'22	0°57'12		
min. Earth dist.	-3833 Jul 30 j 04:15	4°♈48'00	0.27529 AU	max. Earth dist.	-3830 Jan 01 j 05:25	13°♊49'48	1.72164 AU		
morning rise	-3833 Aug 02 j 05:13	2°♈58'55			-3830 Jan 14 j 06:02	0°♈			
	-3833 Aug 07 j 20:12	30°♏11		evening rise	-3830 Feb 05 j 11:53	27°♏30'12			
direct	-3833 Aug 19 j 22:23	27°♏06'41			-3830 Feb 07 j 12:28	0°♏			
greatest brilliancy	-3833 Aug 30 j 19:16	29°♏19'01	-4.9m	greatest brilliancy	-3830 Feb 19 j 03:36	14°♏18'59	-3.9m		
	-3833 Sep 01 j 11:00	0°♈			-3830 Mar 03 j 22:30	0°♏			
asc. node	-3833 Oct 06 j 13:29	27°♏16'58		asc. node	-3830 Mar 23 j 07:58	23°♏40'00			
	-3833 Oct 09 j 06:04	0°♌			-3830 Mar 28 j 13:07	0°♏			
morning max el	-3833 Oct 09 j 15:51	0°♌24'58	46°50'58		-3830 Apr 22 j 09:36	0°♏			
	-3833 Nov 05 j 16:34	0°♍			-3830 May 17 j 13:55	0°♏			
	-3833 Dec 01 j 05:53	0°♎			-3830 Jun 12 j 06:16	0°♈			

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3830 Jul 08 j 21:04	0°♌				-3827 Jan 04 j 14:14	0°♏	
desc. node	-3830 Jul 13 j 03:18	4°♌38'25				-3827 Jan 28 j 21:20	0°♐	
evening max el	-3830 Aug 02 j 12:51	25°♌50'04	47°00'26	morning set		-3827 Jan 30 j 18:40	2°♐19'45	
	-3830 Aug 06 j 19:44	0°♍				-3827 Feb 22 j 06:04	0°♑	
greatest brilliancy	-3830 Sep 12 j 16:42	26°♍27'09	-4.9m					
retrograde	-3830 Sep 21 j 19:38	28°♍01'33		superior conj		-3827 Mar 09 j 22:17	19°♑16'20	-1°16'10
evening set	-3830 Oct 07 j 12:07	23°♍14'34		minimum elong		-3827 Mar 10 j 05:10	19°♑37'27	1°16'08
inferior conj	-3830 Oct 12 j 09:37	20°♍20'12	-5°14'27	max. Earth dist.		-3827 Mar 10 j 14:35	20°♑06'22	1.73552 AU
minimum elong	-3830 Oct 12 j 19:38	20°♍04'55	5°11'47			-3827 Mar 18 j 15:55	0°♒	
min. Earth dist.	-3830 Oct 12 j 12:36	20°♍15'39	0.26391 AU			-3827 Apr 12 j 02:36	0°♓	
morning rise	-3830 Oct 18 j 03:04	16°♍58'28		evening rise		-3827 Apr 15 j 12:27	4°♓10'58	
direct	-3830 Nov 01 j 15:20	12°♍45'45		asc. node		-3827 Apr 19 j 20:12	9°♓28'55	
asc. node	-3830 Nov 03 j 00:41	12°♍48'05				-3827 May 06 j 13:59	0°♈	
greatest brilliancy	-3830 Nov 11 j 22:32	14°♍46'49	-4.9m			-3827 May 31 j 02:10	0°♉	
	-3830 Dec 05 j 06:06	0°♊				-3827 Jun 24 j 15:56	0°♊	
morning max el	-3830 Dec 21 j 23:03	15°♊39'44	46°37'44			-3827 Jul 19 j 09:10	0°♋	
	-3829 Jan 04 j 17:35	0°♌		desc. node		-3827 Aug 09 j 15:19	25°♋32'00	
	-3829 Jan 31 j 18:19	0°♍				-3827 Aug 13 j 09:19	0°♎	
desc. node	-3829 Feb 22 j 22:03	25°♍31'58				-3827 Sep 07 j 22:53	0°♏	
	-3829 Feb 26 j 17:59	0°♐				-3827 Oct 04 j 18:33	0°♐	
	-3829 Mar 24 j 05:32	0°♑		evening max el		-3827 Oct 14 j 01:22	9°♐43'59	47°32'07
	-3829 Apr 18 j 08:47	0°♒				-3827 Nov 04 j 21:10	0°♑	
	-3829 May 13 j 04:52	0°♓		greatest brilliancy		-3827 Nov 23 j 13:45	11°♑38'44	-4.9m
asc. node	-3829 Jun 06 j 18:00	0°♈		asc. node		-3827 Nov 30 j 12:21	13°♑33'32	
morning set	-3829 Jun 15 j 18:36	11°♈06'52		retrograde		-3827 Dec 04 j 05:47	13°♑50'34	
	-3829 Jun 19 j 06:57	15°♈27'22		evening set		-3827 Dec 19 j 14:21	9°♑02'46	
	-3829 Jul 01 j 00:35	0°♉		min. Earth dist.		-3827 Dec 24 j 00:34	6°♑21'06	0.27584 AU
max. Earth dist.	-3829 Jul 22 j 01:10	26°♉12'55	1.71873 AU	inferior conj		-3827 Dec 25 j 03:20	5°♑38'51	5°35'48
	-3829 Jul 25 j 01:43	0°♊		minimum elong		-3827 Dec 24 j 18:03	5°♑53'30	5°33'32
				morning rise		-3827 Dec 29 j 22:33	2°♑42'23	
superior conj	-3829 Jul 26 j 01:49	1°♊15'29	1°16'06			-3826 Jan 04 j 06:15	30°♒♌	
minimum elong	-3829 Jul 25 j 18:42	0°♊53'10	1°16'08	direct		-3826 Jan 14 j 19:34	27°♌42'49	
	-3829 Aug 17 j 23:27	0°♋		greatest brilliancy		-3826 Jan 23 j 14:22	29°♌10'14	-4.8m
evening rise	-3829 Sep 02 j 07:38	19°♋17'16				-3826 Jan 25 j 22:35	0°♍	
	-3829 Sep 10 j 20:14	0°♎		morning max el		-3826 Mar 04 j 21:28	28°♍12'20	46°00'42
	-3829 Oct 04 j 18:13	0°♏				-3826 Mar 06 j 18:03	0°♐	
desc. node	-3829 Oct 05 j 13:44	1°♏01'03		desc. node		-3826 Mar 22 j 09:32	15°♐51'48	
	-3829 Oct 28 j 18:55	0°♐				-3826 Apr 04 j 14:07	0°♑	
	-3829 Nov 21 j 23:48	0°♑				-3826 May 01 j 07:48	0°♒	
	-3829 Dec 16 j 11:40	0°♒				-3826 May 27 j 01:16	0°♓	
	-3828 Jan 10 j 12:31	0°♓				-3826 Jun 21 j 02:37	0°♈	
asc. node	-3828 Jan 26 j 09:39	18°♓27'53		asc. node		-3826 Jul 13 j 06:44	27°♈05'13	
	-3828 Feb 05 j 14:51	0°♈				-3826 Jul 15 j 15:26	0°♉	
	-3828 Mar 05 j 03:14	0°♓				-3826 Aug 08 j 18:36	0°♊	
evening max el	-3828 Mar 07 j 03:27	1°♓56'18	45°11'26	morning set		-3826 Aug 28 j 21:04	25°♊15'13	
greatest brilliancy	-3828 Apr 13 j 17:41	29°♓13'25	-4.7m			-3826 Sep 01 j 15:27	0°♋	
	-3828 Apr 16 j 02:26	0°♈				-3826 Sep 25 j 09:42	0°♌	
retrograde	-3828 Apr 24 j 09:45	1°♈15'28						
	-3828 May 02 j 09:35	30°♈♓		superior conj		-3826 Oct 07 j 19:36	15°♓40'03	0°54'29
evening set	-3828 May 09 j 10:02	26°♓57'41		minimum elong		-3826 Oct 08 j 06:52	16°♓15'35	0°54'07
inferior conj	-3828 May 15 j 19:24	23°♓11'44	0°20'10	max. Earth dist.		-3826 Oct 10 j 09:05	18°♓54'00	1.70881 AU
minimum elong	-3828 May 15 j 20:09	23°♓10'35	0°20'01			-3826 Oct 19 j 04:25	0°♏	
min. Earth dist.	-3828 May 16 j 10:49	22°♓47'55	0.28783 AU	desc. node		-3826 Nov 02 j 01:59	17°♏28'53	
desc. node	-3828 May 17 j 06:10	22°♓18'05				-3826 Nov 12 j 01:26	0°♐	
morning rise	-3828 May 22 j 05:34	19°♓22'35		evening rise		-3826 Nov 19 j 08:32	9°♐08'16	
direct	-3828 Jun 06 j 12:35	14°♓53'56				-3826 Dec 06 j 01:32	0°♑	
greatest brilliancy	-3828 Jun 17 j 16:03	17°♓07'01	-4.8m			-3826 Dec 30 j 05:25	0°♒	
	-3828 Jul 08 j 13:04	0°♈				-3825 Jan 23 j 14:47	0°♓	
morning max el	-3828 Jul 26 j 02:56	15°♈49'13	46°18'51			-3825 Feb 17 j 08:44	0°♈	
	-3828 Aug 08 j 22:18	0°♉		asc. node		-3825 Feb 22 j 21:50	6°♈38'34	
	-3828 Sep 04 j 15:43	0°♊				-3825 Mar 14 j 16:04	0°♓	
asc. node	-3828 Sep 07 j 04:14	2°♊57'11				-3825 Apr 09 j 21:04	0°♈	
	-3828 Sep 29 j 18:17	0°♋				-3825 May 07 j 19:58	0°♉	
	-3828 Oct 24 j 03:36	0°♌		evening max el		-3825 May 18 j 13:05	10°♉34'54	45°31'24
	-3828 Nov 17 j 06:40	0°♏				-3825 Jun 10 j 12:54	0°♊	
	-3828 Dec 11 j 09:24	0°♐		desc. node		-3825 Jun 14 j 17:50	2°♊47'58	
desc. node	-3828 Dec 28 j 00:21	20°♐37'04		greatest brilliancy		-3825 Jun 26 j 16:18	8°♊40'21	-4.8m

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

retrograde	-3825 Jul 06 j 10:25	10° ☿ 22'27			-3823 Dec 20 j 13:55	0° ♄		
evening set	-3825 Jul 23 j 07:43	5° ☿ 03'48						
inferior conj	-3825 Jul 27 j 10:23	2° ☿ 37'03	-8°08'30	superior conj	-3823 Dec 25 j 03:16	5° ♄ 40'28	-0°54'38	
minimum elong	-3825 Jul 27 j 02:34	2° ☿ 48'54	8°07'24	minimum elong	-3823 Dec 24 j 16:13	5° ♄ 06'02	0°54'22	
min. Earth dist.	-3825 Jul 27 j 17:35	2° ☿ 26'08	0.27573 AU	max. Earth dist.	-3823 Dec 29 j 17:41	11° ♄ 23'52	1.72100 AU	
morning rise	-3825 Jul 30 j 21:14	0° ☿ 32'49			-3822 Jan 13 j 17:13	0° ♄		
	-3825 Jul 31 j 19:58	30° ♁ II		evening rise	-3822 Feb 03 j 02:09	25° ♄ 11'44		
direct	-3825 Aug 17 j 12:24	24° ♁ II44'06			-3822 Feb 06 j 23:39	0° ♁		
greatest brilliancy	-3825 Aug 28 j 09:24	26° ♁ II55'51	-4.9m	greatest brilliancy	-3822 Feb 19 j 12:31	15° ♁ 25'43	-3.9m	
	-3825 Sep 03 j 19:38	0° ☿			-3822 Mar 03 j 09:46	0° ♁		
asc. node	-3825 Oct 05 j 15:30	26° ☿ 22'16		asc. node	-3822 Mar 22 j 09:59	23° ♁ 11'23		
morning max el	-3825 Oct 07 j 04:27	27° ☿ 56'08	46°50'31		-3822 Mar 28 j 00:38	0° ♁		
	-3825 Oct 09 j 04:37	0° ♁			-3822 Apr 21 j 21:36	0° ♁		
	-3825 Nov 05 j 09:08	0° ♁			-3822 May 17 j 02:48	0° ♁		
	-3825 Nov 30 j 20:10	0° ♁			-3822 Jun 11 j 20:42	0° ☿		
	-3825 Dec 25 j 17:51	0° ♁			-3822 Jul 08 j 14:41	0° ♁		
	-3824 Jan 19 j 11:44	0° ♄		desc. node	-3822 Jul 12 j 05:29	3° ♁ 54'54		
desc. node	-3824 Jan 25 j 12:21	7° ♄ 18'53		evening max el	-3822 Jul 31 j 00:28	23° ♁ 21'21	46°57'31	
	-3824 Feb 13 j 04:36	0° ♄			-3822 Aug 06 j 22:29	0° ♁		
	-3824 Mar 08 j 20:36	0° ♁		greatest brilliancy	-3822 Sep 10 j 05:37	23° ♁ 57'02	-4.9m	
	-3824 Apr 02 j 11:07	0° ♁		retrograde	-3822 Sep 19 j 07:17	25° ♁ 30'40		
morning set	-3824 Apr 10 j 05:27	9° ♁ 29'18		evening set	-3822 Oct 05 j 03:11	20° ♁ 39'03		
	-3824 Apr 26 j 23:27	0° ♁		inferior conj	-3822 Oct 09 j 21:34	17° ♁ 49'34	-5°34'15	
max. Earth dist.	-3824 May 12 j 23:49	19° ♁ 40'34	1.73472 AU	minimum elong	-3822 Oct 10 j 07:54	17° ♁ 33'50	5°31'33	
				min. Earth dist.	-3822 Oct 10 j 01:48	17° ♁ 43'06	0.26410 AU	
superior conj	-3824 May 16 j 02:07	23° ♁ 29'09	-0°03'01	morning rise	-3822 Oct 15 j 12:28	14° ♁ 31'36		
minimum elong	-3824 May 16 j 02:40	23° ♁ 30'53	0°02'56	direct	-3822 Oct 30 j 03:13	10° ♁ 14'37		
behind sun begin	-3824 May 15 j 04:56	22° ♁ 23'56		asc. node	-3822 Nov 02 j 02:56	10° ♁ 25'23		
behind sun end	-3824 May 17 j 00:25	24° ♁ 37'49		greatest brilliancy	-3822 Nov 09 j 12:25	12° ♁ 17'43	-4.9m	
asc. node	-3824 May 17 j 08:33	25° ♁ 02'51			-3822 Dec 05 j 15:07	0° ♁		
	-3824 May 21 j 09:01	0° ♁		morning max el	-3822 Dec 19 j 12:35	13° ♁ 14'01	46°39'02	
	-3824 Jun 14 j 15:38	0° ♁			-3821 Jan 04 j 12:38	0° ♁		
evening rise	-3824 Jun 20 j 17:06	7° ♁ II30'35			-3821 Jan 31 j 09:27	0° ♄		
	-3824 Jul 08 j 19:56	0° ☿		desc. node	-3821 Feb 22 j 00:08	24° ♄ 58'34		
	-3824 Aug 01 j 23:21	0° ♁			-3821 Feb 26 j 07:17	0° ♄		
	-3824 Aug 26 j 03:54	0° ♁			-3821 Mar 23 j 17:47	0° ♁		
desc. node	-3824 Sep 06 j 03:29	13° ♁ 34'32			-3821 Apr 17 j 20:24	0° ♁		
	-3824 Sep 19 j 11:37	0° ♁			-3821 May 12 j 16:06	0° ♁		
	-3824 Oct 14 j 01:08	0° ♁			-3821 Jun 06 j 05:02	0° ♁		
	-3824 Nov 08 j 01:48	0° ♄		asc. node	-3821 Jun 14 j 20:48	10° ♁ 39'45		
	-3824 Dec 04 j 03:30	0° ♄		morning set	-3821 Jun 17 j 00:56	13° ♁ 20'39		
evening max el	-3824 Dec 23 j 23:24	21° ♄ 05'18	46°20'14		-3821 Jun 30 j 11:32	0° ♁		
asc. node	-3824 Dec 28 j 00:01	25° ♄ 04'28		max. Earth dist.	-3821 Jul 19 j 17:43	24° ♁ 00'14	1.71931 AU	
	-3823 Jan 02 j 04:20	0° ♁						
greatest brilliancy	-3823 Feb 01 j 00:35	21° ♁ 00'56	-4.8m	superior conj	-3821 Jul 23 j 18:12	29° ♁ 02'01	1°14'38	
retrograde	-3823 Feb 11 j 19:52	23° ♁ 10'47		minimum elong	-3821 Jul 23 j 10:40	28° ♁ 38'27	1°14'38	
evening set	-3823 Mar 01 j 10:54	17° ♁ 11'58			-3821 Jul 24 j 12:43	0° ☿		
inferior conj	-3823 Mar 05 j 06:09	14° ♁ 48'06	7°47'50		-3821 Aug 17 j 10:33	0° ♁		
minimum elong	-3823 Mar 05 j 11:48	14° ♁ 39'04	7°47'12	evening rise	-3821 Aug 30 j 20:16	16° ♁ 51'00		
min. Earth dist.	-3823 Mar 05 j 08:15	14° ♁ 44'44	0.29274 AU		-3821 Sep 10 j 07:29	0° ♁		
morning rise	-3823 Mar 09 j 12:49	12° ♁ 07'01			-3821 Oct 04 j 05:39	0° ♁		
direct	-3823 Mar 26 j 21:19	6° ♁ 23'29		desc. node	-3821 Oct 04 j 15:46	0° ♁ 31'38		
greatest brilliancy	-3823 Apr 05 j 15:38	8° ♁ 06'44	-4.7m		-3821 Oct 28 j 06:35	0° ♁		
desc. node	-3823 Apr 18 j 20:46	14° ♁ 49'41			-3821 Nov 21 j 11:47	0° ♄		
	-3823 May 08 j 01:51	0° ♁			-3821 Dec 16 j 00:07	0° ♄		
morning max el	-3823 May 14 j 16:06	6° ♁ 06'59	45°49'46		-3820 Jan 10 j 01:53	0° ♁		
	-3823 Jun 07 j 01:43	0° ♁		asc. node	-3820 Jan 25 j 11:48	17° ♁ 52'46		
	-3823 Jul 03 j 21:42	0° ♁			-3820 Feb 05 j 06:21	0° ♁		
	-3823 Jul 29 j 08:03	0° ♁		evening max el	-3820 Mar 04 j 19:37	29° ♁ 46'47	45°12'35	
asc. node	-3823 Aug 09 j 18:38	13° ♁ II51'12			-3820 Mar 05 j 01:08	0° ♁		
	-3823 Aug 22 j 22:23	0° ☿		greatest brilliancy	-3820 Apr 11 j 08:49	27° ♁ 03'52	-4.7m	
	-3823 Sep 16 j 00:37	0° ♁		retrograde	-3820 Apr 22 j 02:15	29° ♁ 06'46		
	-3823 Oct 09 j 21:02	0° ♁		evening set	-3820 May 07 j 03:08	24° ♁ 47'14		
	-3823 Nov 02 j 16:26	0° ♁		inferior conj	-3820 May 13 j 11:29	21° ♁ 02'08	0°39'51	
morning set	-3823 Nov 12 j 23:49	12° ♁ 57'53		minimum elong	-3820 May 13 j 12:57	20° ♁ 59'52	0°39'29	
	-3823 Nov 26 j 13:41	0° ♁		min. Earth dist.	-3820 May 14 j 02:49	20° ♁ 38'25	0.28821 AU	
desc. node	-3823 Nov 29 j 14:19	3° ♁ 47'23		desc. node	-3820 May 16 j 08:23	19° ♁ 16'19		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.




























































































































morning rise	-3820 May 19 j 22:11	17° Υ 12'17		evening rise	-3818 Nov 16 j 17:38	6° \mathbb{M} 31'56	
direct	-3820 Jun 04 j 05:28	12° Υ 43'41			-3818 Dec 05 j 12:36	0° \mathcal{Z}	
greatest brilliancy	-3820 Jun 15 j 07:38	14° Υ 55'59	-4.8m		-3818 Dec 29 j 16:35	0° \mathcal{Z}	
	-3820 Jul 08 j 21:26	0° \mathcal{B}			-3817 Jan 23 j 02:11	0° \approx	
morning max el	-3820 Jul 23 j 19:36	13° \mathcal{B} 38'07	46°17'34		-3817 Feb 16 j 20:36	0° \mathcal{H}	
	-3820 Aug 08 j 16:20	0° \mathbb{I}		asc. node	-3817 Feb 21 j 23:49	6° \mathcal{H} 08'38	
	-3820 Sep 04 j 06:14	0° \mathcal{E}			-3817 Mar 14 j 04:54	0° Υ	
asc. node	-3820 Sep 06 j 06:14	2° \mathcal{E} 20'54			-3817 Apr 09 j 11:54	0° \mathcal{B}	
	-3820 Sep 29 j 07:19	0° \mathcal{Q}			-3817 May 07 j 15:48	0° \mathbb{I}	
	-3820 Oct 23 j 15:52	0° \mathbb{M}		evening max el	-3817 May 16 j 02:51	8° \mathbb{I} 17'48	45°29'11
	-3820 Nov 16 j 18:29	0° \mathcal{E}			-3817 Jun 11 j 12:52	0° \mathcal{E}	
	-3820 Dec 10 j 20:57	0° \mathbb{M}		desc. node	-3817 Jun 13 j 19:59	1° \mathcal{E} 25'16	
desc. node	-3820 Dec 27 j 02:29	20° \mathbb{M} 08'28		greatest brilliancy	-3817 Jun 24 j 05:00	6° \mathcal{E} 20'48	-4.8m
	-3819 Jan 04 j 01:32	0° \mathcal{Z}		retrograde	-3817 Jul 03 j 22:54	8° \mathcal{E} 02'57	
morning set	-3819 Jan 28 j 08:13	29° \mathcal{Z} 59'24		evening set	-3817 Jul 20 j 17:17	2° \mathcal{E} 49'46	
	-3819 Jan 28 j 08:25	0° \mathcal{Z}		inferior conj	-3817 Jul 25 j 00:00	0° \mathcal{E} 17'16	-7°58'46
	-3819 Feb 21 j 16:58	0° \approx		minimum elong	-3817 Jul 24 j 15:38	0° \mathcal{E} 29'59	7°57'30
					-3817 Jul 25 j 11:22	30° \mathcal{R} \mathbb{I}	
superior conj	-3819 Mar 07 j 15:12	17° \approx 07'28	-1°17'27	min. Earth dist.	-3817 Jul 25 j 07:31	0° \mathcal{E} 05'51	0.27618 AU
minimum elong	-3819 Mar 07 j 21:38	17° \approx 27'14	1°17'26	morning rise	-3817 Jul 28 j 13:42	28° \mathbb{I} 08'37	
max. Earth dist.	-3819 Mar 08 j 12:21	18° \approx 12'27	1.73524 AU	direct	-3817 Aug 15 j 02:13	22° \mathbb{I} 23'20	
	-3819 Mar 18 j 02:43	0° \mathcal{H}		greatest brilliancy	-3817 Aug 26 j 00:27	24° \mathbb{I} 35'27	-4.9m
	-3819 Apr 11 j 13:26	0° Υ			-3817 Sep 05 j 07:29	0° \mathcal{E}	
evening rise	-3819 Apr 13 j 07:13	2° Υ 08'06		morning max el	-3817 Oct 04 j 17:01	25° \mathcal{E} 28'26	46°50'02
asc. node	-3819 Apr 18 j 22:22	9° Υ 02'16		asc. node	-3817 Oct 04 j 17:43	25° \mathcal{E} 30'13	
	-3819 May 06 j 00:59	0° \mathcal{B}			-3817 Oct 09 j 01:53	0° \mathcal{Q}	
	-3819 May 30 j 13:30	0° \mathbb{I}			-3817 Nov 05 j 01:02	0° \mathbb{M}	
	-3819 Jun 24 j 03:45	0° \mathcal{E}			-3817 Nov 30 j 09:57	0° \mathcal{E}	
	-3819 Jul 18 j 21:42	0° \mathcal{Q}			-3817 Dec 25 j 06:28	0° \mathbb{M}	
desc. node	-3819 Aug 08 j 17:22	24° \mathcal{Q} 58'04			-3816 Jan 18 j 23:35	0° \mathcal{Z}	
	-3819 Aug 12 j 22:57	0° \mathbb{M}		desc. node	-3816 Jan 24 j 14:24	6° \mathcal{Z} 49'31	
	-3819 Sep 07 j 14:25	0° \mathcal{E}			-3816 Feb 12 j 15:56	0° \mathcal{Z}	
	-3819 Oct 04 j 14:22	0° \mathbb{M}			-3816 Mar 08 j 07:35	0° \approx	
evening max el	-3819 Oct 11 j 17:41	7° \mathbb{M} 26'20	47°33'05		-3816 Apr 01 j 21:53	0° \mathcal{H}	
	-3819 Nov 05 j 12:36	0° \mathcal{Z}		morning set	-3816 Apr 08 j 00:10	7° \mathcal{H} 27'00	
greatest brilliancy	-3819 Nov 21 j 05:19	9° \mathcal{Z} 17'56	-4.9m		-3816 Apr 26 j 10:07	0° Υ	
asc. node	-3819 Nov 29 j 14:30	11° \mathcal{Z} 22'47		max. Earth dist.	-3816 May 10 j 19:57	17° Υ 42'08	1.73506 AU
retrograde	-3819 Dec 01 j 21:29	11° \mathcal{Z} 29'15					
evening set	-3819 Dec 17 j 02:49	6° \mathcal{Z} 45'43		superior conj	-3816 May 13 j 21:13	21° Υ 27'32	-0°06'03
min. Earth dist.	-3819 Dec 21 j 14:58	4° \mathcal{Z} 01'12	0.27506 AU	minimum elong	-3816 May 13 j 22:24	21° Υ 31'08	0°05'56
inferior conj	-3819 Dec 22 j 18:00	3° \mathcal{Z} 18'32	5°19'35	behind sun begin	-3816 May 13 j 01:46	20° Υ 27'40	
minimum elong	-3819 Dec 22 j 08:51	3° \mathcal{Z} 32'58	5°17'16	behind sun end	-3816 May 14 j 19:01	22° Υ 34'36	
morning rise	-3819 Dec 27 j 15:47	0° \mathcal{Z} 18'38		asc. node	-3816 May 16 j 10:45	24° Υ 36'54	
	-3819 Dec 28 j 04:54	30° \mathcal{R} \mathbb{M}			-3816 May 20 j 19:40	0° \mathcal{B}	
direct	-3818 Jan 12 j 10:02	25° \mathbb{M} 24'04			-3816 Jun 14 j 02:23	0° \mathbb{I}	
greatest brilliancy	-3818 Jan 21 j 04:06	26° \mathbb{M} 51'07	-4.8m	evening rise	-3816 Jun 18 j 11:52	5° \mathbb{I} 26'36	
	-3818 Jan 28 j 13:37	0° \mathcal{Z}			-3816 Jul 08 j 06:52	0° \mathcal{E}	
morning max el	-3818 Mar 02 j 12:25	25° \mathcal{Z} 58'02	46°01'36		-3816 Aug 01 j 10:37	0° \mathcal{Q}	
	-3818 Mar 06 j 15:47	0° \mathcal{Z}			-3816 Aug 25 j 15:34	0° \mathbb{M}	
desc. node	-3818 Mar 21 j 11:35	15° \mathcal{Z} 10'35		desc. node	-3816 Sep 05 j 05:32	13° \mathbb{M} 04'16	
	-3818 Apr 04 j 05:41	0° \approx			-3816 Sep 18 j 23:48	0° \mathcal{E}	
	-3818 Apr 30 j 21:03	0° \mathcal{H}			-3816 Oct 13 j 14:01	0° \mathbb{M}	
	-3818 May 26 j 13:22	0° Υ			-3816 Nov 07 j 15:54	0° \mathcal{Z}	
	-3818 Jun 20 j 14:06	0° \mathcal{B}			-3816 Dec 03 j 20:16	0° \mathcal{Z}	
asc. node	-3818 Jul 12 j 08:48	26° \mathcal{B} 37'04		evening max el	-3816 Dec 21 j 13:42	18° \mathcal{Z} 47'16	46°23'28
	-3818 Jul 15 j 02:37	0° \mathbb{I}		asc. node	-3816 Dec 27 j 02:09	24° \mathcal{Z} 13'47	
	-3818 Aug 08 j 05:38	0° \mathcal{E}			-3815 Jan 02 j 06:20	0° \approx	
morning set	-3818 Aug 26 j 10:25	22° \mathcal{E} 51'24		greatest brilliancy	-3815 Jan 29 j 18:00	18° \approx 53'12	-4.8m
	-3818 Sep 01 j 02:28	0° \mathcal{Q}		retrograde	-3815 Feb 09 j 12:54	21° \approx 03'25	
	-3818 Sep 24 j 20:44	0° \mathbb{M}		evening set	-3815 Feb 27 j 05:31	15° \approx 01'54	
				inferior conj	-3815 Mar 02 j 23:18	12° \approx 40'25	7°53'57
superior conj	-3818 Oct 05 j 05:49	13° \mathbb{M} 06'06	0°57'25	minimum elong	-3815 Mar 03 j 04:24	12° \approx 32'15	7°53'25
minimum elong	-3818 Oct 05 j 17:09	13° \mathbb{M} 41'53	0°57'03	min. Earth dist.	-3815 Mar 03 j 00:29	12° \approx 38'31	0.29254 AU
max. Earth dist.	-3818 Oct 07 j 12:02	15° \mathbb{M} 57'08	1.70868 AU	morning rise	-3815 Mar 07 j 03:22	10° \approx 03'11	
	-3818 Oct 18 j 15:28	0° \mathcal{E}		direct	-3815 Mar 24 j 13:19	4° \approx 16'02	
desc. node	-3818 Nov 01 j 04:13	17° \mathcal{E} 01'15		greatest brilliancy	-3815 Apr 03 j 07:21	5° \approx 58'50	-4.7m
	-3818 Nov 11 j 12:30	0° \mathbb{M}		desc. node	-3815 Apr 17 j 23:02	13° \approx 38'12	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3815 May 08 j 02:25	0° H				-3813 Dec 15 j 12:32	0° Z	
morning max el	-3815 May 12 j 08:03	3° H 57'58	45°49'27			-3812 Jan 09 j 15:18	0° \approx	
	-3815 Jun 06 j 17:50	0° Y		asc. node		-3812 Jan 24 j 13:52	17° \approx 17'17	
	-3815 Jul 03 j 11:10	0° B				-3812 Feb 04 j 22:02	0° H	
	-3815 Jul 28 j 20:21	0° II		evening max el		-3812 Mar 02 j 12:23	27° H 38'49	45°13'46
asc. node	-3815 Aug 08 j 20:42	13° II 20'57				-3812 Mar 04 j 23:52	0° Y	
	-3815 Aug 22 j 10:05	0° D		greatest brilliancy		-3812 Apr 09 j 00:34	24° Y 55'30	-4.7m
	-3815 Sep 15 j 12:01	0° Ω		retrograde		-3812 Apr 19 j 18:30	26° Y 58'32	
	-3815 Oct 09 j 08:17	0° M		evening set		-3812 May 04 j 20:31	22° Y 37'22	
	-3815 Nov 02 j 03:34	0° $\underline{\text{D}}$		inferior conj		-3812 May 11 j 03:41	18° Y 53'13	0°59'21
morning set	-3815 Nov 10 j 09:20	10° $\underline{\text{D}}$ 21'59		minimum elong		-3812 May 11 j 05:51	18° Y 49'52	0°58'46
	-3815 Nov 26 j 00:45	0° M		min. Earth dist.		-3812 May 11 j 18:57	18° Y 29'34	0.28855 AU
desc. node	-3815 Nov 28 j 16:24	3° M 19'16		desc. node		-3812 May 15 j 10:27	16° Y 16'42	
	-3815 Dec 20 j 00:54	0° Z		morning rise		-3812 May 17 j 14:41	15° Y 02'41	
				direct		-3812 Jun 01 j 22:29	10° Y 34'20	
superior conj	-3815 Dec 22 j 13:59	3° Z 10'16	-0°51'41	greatest brilliancy		-3812 Jun 12 j 22:50	12° Y 45'05	-4.7m
minimum elong	-3815 Dec 22 j 03:04	2° Z 36'16	0°51'25			-3812 Jul 09 j 03:16	0° B	
max. Earth dist.	-3815 Dec 27 j 02:57	8° Z 49'23	1.72038 AU	morning max el		-3812 Jul 21 j 11:40	11° B 25'57	46°16'05
	-3814 Jan 13 j 04:08	0° Z				-3812 Aug 08 j 09:54	0° II	
evening rise	-3814 Jan 31 j 16:25	22° Z 54'08				-3812 Sep 03 j 20:37	0° D	
	-3814 Feb 06 j 10:31	0° \approx		asc. node		-3812 Sep 05 j 08:28	1° D 45'31	
greatest brilliancy	-3814 Feb 21 j 06:55	18° \approx 16'07	-3.9m			-3812 Sep 28 j 20:20	0° Ω	
	-3814 Mar 02 j 20:42	0° H				-3812 Oct 23 j 04:10	0° M	
asc. node	-3814 Mar 21 j 12:13	22° H 44'25				-3812 Nov 16 j 06:21	0° $\underline{\text{D}}$	
	-3814 Mar 27 j 11:49	0° Y				-3812 Dec 10 j 08:30	0° M	
	-3814 Apr 21 j 09:19	0° B		desc. node		-3812 Dec 26 j 04:31	19° M 39'31	
	-3814 May 16 j 15:28	0° II				-3811 Jan 03 j 12:51	0° Z	
	-3814 Jun 11 j 11:03	0° D		morning set		-3811 Jan 25 j 21:31	27° Z 38'09	
	-3814 Jul 08 j 08:25	0° Ω				-3811 Jan 27 j 19:31	0° Z	
desc. node	-3814 Jul 11 j 07:31	3° Ω 11'02				-3811 Feb 21 j 03:56	0° \approx	
evening max el	-3814 Jul 28 j 13:15	20° Ω 56'28	46°54'41					
	-3814 Aug 07 j 02:30	0° M		superior conj		-3811 Mar 05 j 07:59	14° \approx 57'56	-1°18'37
greatest brilliancy	-3814 Sep 07 j 17:58	21° M 27'30	-4.9m	minimum elong		-3811 Mar 05 j 13:56	15° \approx 16'14	1°18'38
retrograde	-3814 Sep 16 j 19:37	23° M 01'00		max. Earth dist.		-3811 Mar 06 j 10:10	16° \approx 18'26	1.73494 AU
evening set	-3814 Oct 02 j 18:25	18° M 04'34				-3811 Mar 17 j 13:37	0° H	
inferior conj	-3814 Oct 07 j 09:35	15° M 19'58	-5°53'11	evening rise		-3811 Apr 11 j 01:56	0° Y 04'48	
minimum elong	-3814 Oct 07 j 20:11	15° M 03'53	5°50'31			-3811 Apr 11 j 00:22	0° Y	
min. Earth dist.	-3814 Oct 07 j 14:39	15° M 12'16	0.26430 AU	asc. node		-3811 Apr 18 j 00:33	8° Y 35'27	
morning rise	-3814 Oct 12 j 21:47	12° M 06'10				-3811 May 05 j 12:04	0° B	
direct	-3814 Oct 27 j 15:43	7° M 44'40				-3811 May 30 j 00:53	0° II	
asc. node	-3814 Nov 01 j 05:09	8° M 09'38				-3811 Jun 23 j 15:37	0° D	
greatest brilliancy	-3814 Nov 07 j 01:46	9° M 49'03	-4.9m			-3811 Jul 18 j 10:21	0° Ω	
	-3814 Dec 05 j 21:20	0° $\underline{\text{D}}$		desc. node		-3811 Aug 07 j 19:27	24° Ω 23'47	
morning max el	-3814 Dec 17 j 03:07	10° $\underline{\text{D}}$ 51'35	46°40'10			-3811 Aug 12 j 12:48	0° M	
	-3813 Jan 04 j 06:56	0° M				-3811 Sep 07 j 06:22	0° $\underline{\text{D}}$	
	-3813 Jan 31 j 00:11	0° Z				-3811 Oct 04 j 11:07	0° M	
desc. node	-3813 Feb 21 j 02:10	24° Z 25'52		evening max el		-3811 Oct 09 j 09:31	5° M 06'27	47°33'47
	-3813 Feb 25 j 20:17	0° Z				-3811 Nov 06 j 10:02	0° Z	
	-3813 Mar 23 j 05:47	0° \approx		greatest brilliancy		-3811 Nov 18 j 21:22	6° Z 56'09	-4.9m
	-3813 Apr 17 j 07:47	0° H		asc. node		-3811 Nov 28 j 16:36	9° Z 05'07	
	-3813 May 12 j 03:06	0° Y		retrograde		-3811 Nov 29 j 12:26	9° Z 05'57	
	-3813 Jun 05 j 15:52	0° B		evening set		-3811 Dec 14 j 15:09	4° Z 26'47	
asc. node	-3813 Jun 13 j 22:52	10° B 12'47		min. Earth dist.		-3811 Dec 19 j 05:33	1° Z 39'00	0.27427 AU
morning set	-3813 Jun 14 j 19:06	11° B 15'13		inferior conj		-3811 Dec 20 j 08:23	0° Z 56'36	5°02'36
	-3813 Jun 29 j 22:21	0° II		minimum elong		-3811 Dec 19 j 23:27	1° Z 10'43	5°00'15
max. Earth dist.	-3813 Jul 17 j 08:22	21° II 42'06	1.71993 AU			-3811 Dec 21 j 20:22	30° R M	
				morning rise		-3811 Dec 25 j 08:41	27° M 53'06	
superior conj	-3813 Jul 21 j 10:39	26° II 49'16	1°13'03	direct		-3810 Jan 09 j 23:54	23° M 03'43	
minimum elong	-3813 Jul 21 j 02:46	26° II 24'37	1°13'01	greatest brilliancy		-3810 Jan 18 j 18:03	24° M 30'45	-4.8m
	-3813 Jul 23 j 23:36	0° D				-3810 Jan 30 j 05:38	0° Z	
	-3813 Aug 16 j 21:33	0° Ω		morning max el		-3810 Feb 28 j 02:11	23° Z 40'00	46°02'33
evening rise	-3813 Aug 28 j 08:52	14° Ω 24'56				-3810 Mar 06 j 13:00	0° Z	
	-3813 Sep 09 j 18:38	0° M		desc. node		-3810 Mar 20 j 13:52	14° Z 29'52	
desc. node	-3813 Oct 03 j 17:58	0° $\underline{\text{D}}$ 03'02				-3810 Apr 03 j 21:15	0° \approx	
	-3813 Oct 03 j 17:00	0° $\underline{\text{D}}$				-3810 Apr 30 j 10:24	0° H	
	-3813 Oct 27 j 18:11	0° M				-3810 May 26 j 01:37	0° Y	
	-3813 Nov 20 j 23:41	0° Z				-3810 Jun 20 j 01:46	0° B	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3810 Jul 11 j 10:56	26°  08'40	evening max el	-3808 Dec 19 j 04:31	16°  29'09	46°26'34
	-3810 Jul 14 j 13:56	0°  II	asc. node	-3808 Dec 26 j 04:16	23°  20'42	
	-3810 Aug 07 j 16:48	0°  ☿		-3807 Jan 02 j 10:37	0°  ☿	
morning set	-3810 Aug 24 j 00:01	20°  ☿27'58	greatest brilliancy	-3807 Jan 27 j 10:42	16°  ☿42'36	-4.8m
	-3810 Aug 31 j 13:37	0°  Ω	retrograde	-3807 Feb 07 j 06:10	18°  ☿53'50	
	-3810 Sep 24 j 07:57	0°  ♍	evening set	-3807 Feb 24 j 23:42	12°  ☿49'51	
			inferior conj	-3807 Feb 28 j 16:13	10°  ☿30'26	7°59'23
superior conj	-3810 Oct 02 j 16:07	10°  ♍31'45	minimum elong	-3807 Feb 28 j 20:43	10°  ☿23'13	7°58'57
minimum elong	-3810 Oct 03 j 03:25	11°  ♍07'26	min. Earth dist.	-3807 Feb 28 j 16:14	10°  ☿30'23	0.29233 AU
max. Earth dist.	-3810 Oct 04 j 12:33	12°  ♍51'56	morning rise	-3807 Mar 04 j 17:51	7°  ☿57'02	
	-3810 Oct 18 j 02:46	0°  ♌	direct	-3807 Mar 22 j 05:13	2°  ☿06'18	
desc. node	-3810 Oct 31 j 06:16	16°  ♌32'10	greatest brilliancy	-3807 Mar 31 j 22:40	3°  ☿48'41	-4.7m
	-3810 Nov 10 j 23:51	0°  ♍	desc. node	-3807 Apr 17 j 01:06	12°  ☿26'48	
evening rise	-3810 Nov 14 j 02:14	3°  ♍52'59		-3807 May 08 j 02:26	0°  ☿	
	-3810 Dec 05 j 00:00	0°  ♍	morning max el	-3807 May 10 j 00:36	1°  ☿49'01	45°49'11
	-3810 Dec 29 j 04:05	0°  ☿		-3807 Jun 06 j 10:08	0°  ☿	
	-3809 Jan 22 j 13:55	0°  ☿		-3807 Jul 03 j 00:57	0°  ☿	
	-3809 Feb 16 j 08:51	0°  ☿		-3807 Jul 28 j 08:58	0°  ☿	
asc. node	-3809 Feb 21 j 02:04	5°  ☿38'24	asc. node	-3807 Aug 07 j 22:52	12°  ☿49'59	
	-3809 Mar 13 j 18:10	0°  ☿		-3807 Aug 21 j 22:07	0°  ☿	
	-3809 Apr 09 j 03:17	0°  ☿		-3807 Sep 14 j 23:45	0°  ☿	
	-3809 May 07 j 12:40	0°  ☿		-3807 Oct 08 j 19:49	0°  ☿	
evening max el	-3809 May 13 j 16:14	5°  ☿59'00		-3807 Nov 01 j 14:59	0°  ☿	
desc. node	-3809 Jun 12 j 22:04	29°  ☿58'57	morning set	-3807 Nov 07 j 19:21	7°  ☿46'46	
	-3809 Jun 12 j 22:49	0°  ☿		-3807 Nov 25 j 12:04	0°  ☿	
greatest brilliancy	-3809 Jun 21 j 17:29	4°  ☿00'27	desc. node	-3807 Nov 27 j 18:25	2°  ☿50'13	
retrograde	-3809 Jul 01 j 11:43	5°  ☿43'19		-3807 Dec 19 j 12:10	0°  ☿	
evening set	-3809 Jul 18 j 02:53	0°  ☿35'16				
	-3809 Jul 19 j 03:32	30°  ☿II	superior conj	-3807 Dec 20 j 00:44	0°  ☿39'11	-0°48'38
inferior conj	-3809 Jul 22 j 13:42	27°  ☿57'12	minimum elong	-3807 Dec 19 j 14:04	0°  ☿05'55	0°48'21
minimum elong	-3809 Jul 22 j 04:49	28°  ☿10'41	max. Earth dist.	-3807 Dec 24 j 12:58	6°  ☿16'13	1.71983 AU
min. Earth dist.	-3809 Jul 22 j 21:31	27°  ☿45'20		-3806 Jan 12 j 15:21	0°  ☿	
morning rise	-3809 Jul 26 j 06:24	25°  ☿44'09	evening rise	-3806 Jan 29 j 06:34	20°  ☿35'03	
direct	-3809 Aug 12 j 15:57	20°  ☿02'11		-3806 Feb 05 j 21:45	0°  ☿	
greatest brilliancy	-3809 Aug 23 j 15:53	22°  ☿15'24		-3806 Mar 02 j 08:01	0°  ☿	
	-3809 Sep 06 j 09:07	0°  ☿	asc. node	-3806 Mar 20 j 14:20	22°  ☿15'51	
morning max el	-3809 Oct 02 j 05:58	23°  ☿01'19		-3806 Mar 26 j 23:25	0°  ☿	
asc. node	-3809 Oct 03 j 19:57	24°  ☿38'41		-3806 Apr 20 j 21:28	0°  ☿	
	-3809 Oct 08 j 22:40	0°  ☿		-3806 May 16 j 04:37	0°  ☿	
	-3809 Nov 04 j 16:58	0°  ☿		-3806 Jun 11 j 01:58	0°  ☿	
	-3809 Nov 29 j 23:55	0°  ☿		-3806 Jul 08 j 03:01	0°  ☿	
	-3809 Dec 24 j 19:22	0°  ☿	desc. node	-3806 Jul 10 j 09:40	2°  ☿25'45	
	-3808 Jan 18 j 11:48	0°  ☿	evening max el	-3806 Jul 26 j 02:55	18°  ☿32'49	46°51'46
desc. node	-3808 Jan 23 j 16:31	6°  ☿19'09		-3806 Aug 07 j 08:57	0°  ☿	
	-3808 Feb 12 j 03:39	0°  ☿	greatest brilliancy	-3806 Sep 05 j 05:53	18°  ☿56'33	-4.9m
	-3808 Mar 07 j 18:58	0°  ☿	retrograde	-3806 Sep 14 j 08:06	20°  ☿30'05	
	-3808 Apr 01 j 09:02	0°  ☿	evening set	-3806 Sep 30 j 09:41	15°  ☿29'02	
morning set	-3808 Apr 05 j 18:29	5°  ☿22'19	inferior conj	-3806 Oct 04 j 21:30	12°  ☿49'14	-6°11'26
	-3808 Apr 25 j 21:08	0°  ☿	minimum elong	-3806 Oct 05 j 08:16	12°  ☿32'56	6°08'51
max. Earth dist.	-3808 May 08 j 17:20	15°  ☿46'27	min. Earth dist.	-3806 Oct 05 j 03:09	12°  ☿40'41	0.26447 AU
			morning rise	-3806 Oct 10 j 06:43	9°  ☿39'54	
superior conj	-3808 May 11 j 16:10	19°  ☿24'17	direct	-3806 Oct 25 j 04:33	5°  ☿13'52	
minimum elong	-3808 May 11 j 17:55	19°  ☿29'42	asc. node	-3806 Oct 31 j 07:09	5°  ☿58'22	
behind sun begin	-3808 May 10 j 23:32	18°  ☿33'07	greatest brilliancy	-3806 Nov 04 j 14:30	7°  ☿18'42	-4.9m
behind sun end	-3808 May 12 j 12:19	20°  ☿26'17		-3806 Dec 06 j 01:50	0°  ☿	
asc. node	-3808 May 15 j 12:46	24°  ☿09'13	morning max el	-3806 Dec 14 j 17:38	8°  ☿28'28	46°41'20
	-3808 May 20 j 06:41	0°  ☿		-3805 Jan 04 j 01:00	0°  ☿	
	-3808 Jun 13 j 13:30	0°  ☿		-3805 Jan 30 j 14:56	0°  ☿	
evening rise	-3808 Jun 16 j 06:42	3°  ☿21'47	desc. node	-3805 Feb 20 j 04:24	23°  ☿53'16	
	-3808 Jul 07 j 18:12	0°  ☿		-3805 Feb 25 j 09:26	0°  ☿	
	-3808 Jul 31 j 22:14	0°  ☿		-3805 Mar 22 j 18:00	0°  ☿	
	-3808 Aug 25 j 03:33	0°  ☿		-3805 Apr 16 j 19:25	0°  ☿	
desc. node	-3808 Sep 04 j 07:47	12°  ☿33'39		-3805 May 11 j 14:23	0°  ☿	
	-3808 Sep 18 j 12:16	0° ☿		-3805 Jun 05 j 02:58	0° ☿	
	-3808 Oct 13 j 03:14	0° ☿	morning set	-3805 Jun 12 j 13:10	9° ☿08'44	
	-3808 Nov 07 j 06:27	0° ☿	asc. node	-3805 Jun 13 j 00:58	9° ☿45'07	
	-3808 Dec 03 j 13:47	0° ☿		-3805 Jun 29 j 09:25	0° ☿	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

max. Earth dist.	-3805 Jul 14 j 21:54	19° Π 19'51	1.72055 AU	minimum elong	-3803 Dec 17 j 14:01	28° \mathbb{M} 48'02	4°42'37
				morning rise	-3803 Dec 23 j 01:25	25° \mathbb{M} 27'16	
superior conj	-3805 Jul 19 j 03:05	24° Π 35'52	1°11'21	direct	-3802 Jan 07 j 13:09	20° \mathbb{M} 42'50	
minimum elong	-3805 Jul 18 j 18:55	24° Π 10'21	1°11'18	greatest brilliancy	-3802 Jan 16 j 08:35	22° \mathbb{M} 10'37	-4.8m
	-3805 Jul 23 j 10:43	0° \mathfrak{C}			-3802 Jan 31 j 09:35	0° \mathfrak{A}	
	-3805 Aug 16 j 08:48	0° Ω		morning max el	-3802 Feb 25 j 15:29	21° \mathfrak{A} 20'45	46°03'48
evening rise	-3805 Aug 25 j 21:36	11° Ω 58'30			-3802 Mar 06 j 09:26	0° \mathfrak{Z}	
	-3805 Sep 09 j 06:04	0° \mathbb{M}		desc. node	-3802 Mar 19 j 15:52	13° \mathfrak{Z} 49'10	
desc. node	-3805 Oct 02 j 20:00	29° \mathbb{M} 33'02			-3802 Apr 03 j 12:27	0° \approx	
	-3805 Oct 03 j 04:38	0° $\underline{\mathfrak{A}}$			-3802 Apr 29 j 23:31	0° \mathfrak{H}	
	-3805 Oct 27 j 06:01	0° \mathbb{M}			-3802 May 25 j 13:43	0° \mathfrak{Y}	
	-3805 Nov 20 j 11:49	0° \mathfrak{A}			-3802 Jun 19 j 13:18	0° \mathfrak{B}	
	-3805 Dec 15 j 01:08	0° \mathfrak{Z}		asc. node	-3802 Jul 10 j 13:07	25° \mathfrak{B} 40'42	
	-3804 Jan 09 j 04:54	0° \approx			-3802 Jul 14 j 01:12	0° Π	
asc. node	-3804 Jan 23 j 16:05	16° \approx 41'43			-3802 Aug 07 j 03:56	0° \mathfrak{C}	
	-3804 Feb 04 j 14:03	0° \mathfrak{H}		morning set	-3802 Aug 21 j 13:36	18° \mathfrak{C} 04'41	
evening max el	-3804 Feb 29 j 04:47	25° \mathfrak{H} 29'30	45°14'52		-3802 Aug 31 j 00:44	0° Ω	
	-3804 Mar 04 j 23:46	0° \mathfrak{Y}			-3802 Sep 23 j 19:06	0° \mathbb{M}	
greatest brilliancy	-3804 Apr 06 j 16:57	22° \mathfrak{Y} 47'27	-4.7m				
retrograde	-3804 Apr 17 j 10:21	24° \mathfrak{Y} 49'56		superior conj	-3802 Sep 30 j 02:28	7° \mathbb{M} 57'47	1°02'52
evening set	-3804 May 02 j 14:07	20° \mathfrak{Y} 27'02		minimum elong	-3802 Sep 30 j 13:40	8° \mathbb{M} 33'07	1°02'34
inferior conj	-3804 May 08 j 19:59	16° \mathfrak{Y} 44'05	1°18'37	max. Earth dist.	-3802 Oct 01 j 13:31	9° \mathbb{M} 48'24	1.70869 AU
minimum elong	-3804 May 08 j 22:50	16° \mathfrak{Y} 39'40	1°17'51		-3802 Oct 17 j 13:58	0° $\underline{\mathfrak{A}}$	
min. Earth dist.	-3804 May 09 j 11:27	16° \mathfrak{Y} 20'03	0.28890 AU	desc. node	-3802 Oct 30 j 08:18	16° $\underline{\mathfrak{A}}$ 03'16	
desc. node	-3804 May 14 j 12:31	13° \mathfrak{Y} 18'34			-3802 Nov 10 j 11:06	0° \mathbb{M}	
morning rise	-3804 May 15 j 07:05	12° \mathfrak{Y} 52'53		evening rise	-3802 Nov 11 j 10:49	1° \mathbb{M} 14'16	
direct	-3804 May 30 j 15:21	8° \mathfrak{Y} 24'44			-3802 Dec 04 j 11:19	0° \mathfrak{A}	
greatest brilliancy	-3804 Jun 10 j 14:27	10° \mathfrak{Y} 34'09	-4.7m		-3802 Dec 28 j 15:31	0° \mathfrak{Z}	
	-3804 Jul 09 j 07:27	0° \mathfrak{B}			-3801 Jan 22 j 01:35	0° \approx	
morning max el	-3804 Jul 19 j 02:54	9° \mathfrak{B} 11'15	46°14'37		-3801 Feb 15 j 20:59	0° \mathfrak{H}	
	-3804 Aug 08 j 03:18	0° Π		asc. node	-3801 Feb 20 j 04:12	5° \mathfrak{H} 08'13	
	-3804 Sep 03 j 10:59	0° \mathfrak{C}			-3801 Mar 13 j 07:17	0° \mathfrak{Y}	
asc. node	-3804 Sep 04 j 10:39	1° \mathfrak{C} 09'49			-3801 Apr 08 j 18:35	0° \mathfrak{B}	
	-3804 Sep 28 j 09:23	0° Ω			-3801 May 07 j 09:55	0° Π	
	-3804 Oct 22 j 16:32	0° \mathbb{M}		evening max el	-3801 May 11 j 05:46	3° \mathbb{M} 41'40	45°25'09
	-3804 Nov 15 j 18:19	0° $\underline{\mathfrak{A}}$		desc. node	-3801 Jun 12 j 00:11	28° \mathbb{M} 30'40	
	-3804 Dec 09 j 20:09	0° \mathbb{M}			-3801 Jun 15 j 00:42	0° \mathfrak{C}	
desc. node	-3804 Dec 25 j 06:39	19° \mathbb{M} 10'37		greatest brilliancy	-3801 Jun 19 j 05:20	1° \mathfrak{C} 40'28	-4.8m
	-3803 Jan 03 j 00:13	0° \mathfrak{A}		retrograde	-3801 Jun 29 j 01:05	3° \mathfrak{C} 24'55	
morning set	-3803 Jan 23 j 11:00	25° \mathfrak{A} 17'12			-3801 Jul 12 j 09:49	30° \mathfrak{R} Π	
	-3803 Jan 27 j 06:39	0° \mathfrak{Z}		evening set	-3801 Jul 15 j 12:36	28° \mathbb{M} 21'33	
	-3803 Feb 20 j 14:53	0° \approx		inferior conj	-3801 Jul 20 j 03:29	25° \mathbb{M} 38'01	-7°36'50
				minimum elong	-3801 Jul 19 j 18:09	25° \mathbb{M} 52'09	7°35'15
superior conj	-3803 Mar 03 j 00:58	12° \approx 48'59	-1°19'40	min. Earth dist.	-3801 Jul 20 j 11:19	25° \mathbb{M} 26'08	0.27711 AU
minimum elong	-3803 Mar 03 j 06:23	13° \approx 05'40	1°19'42	morning rise	-3801 Jul 23 j 23:19	23° \mathbb{M} 20'32	
max. Earth dist.	-3803 Mar 04 j 08:22	14° \approx 25'31	1.73460 AU	direct	-3801 Aug 10 j 06:11	17° \mathbb{M} 41'47	
	-3803 Mar 17 j 00:31	0° \mathfrak{H}		greatest brilliancy	-3801 Aug 21 j 07:22	19° \mathbb{M} 56'11	-4.9m
evening rise	-3803 Apr 08 j 20:45	28° \mathfrak{H} 01'46			-3801 Sep 07 j 03:49	0° \mathfrak{C}	
	-3803 Apr 10 j 11:19	0° \mathfrak{Y}		morning max el	-3801 Sep 29 j 20:02	20° \mathfrak{C} 37'32	46°48'57
asc. node	-3803 Apr 17 j 02:34	8° \mathfrak{Y} 07'59		asc. node	-3801 Oct 02 j 21:56	23° \mathfrak{C} 47'43	
	-3803 May 04 j 23:12	0° \mathfrak{B}			-3801 Oct 08 j 18:41	0° Ω	
	-3803 May 29 j 12:21	0° Π			-3801 Nov 04 j 08:31	0° \mathbb{M}	
	-3803 Jun 23 j 03:37	0° \mathfrak{C}			-3801 Nov 29 j 13:35	0° $\underline{\mathfrak{A}}$	
	-3803 Jul 17 j 23:08	0° Ω			-3801 Dec 24 j 08:00	0° \mathbb{M}	
desc. node	-3803 Aug 06 j 21:38	23° Ω 49'28			-3800 Jan 17 j 23:45	0° \mathfrak{A}	
	-3803 Aug 12 j 02:50	0° \mathbb{M}		desc. node	-3800 Jan 22 j 18:41	5° \mathfrak{A} 49'41	
	-3803 Sep 06 j 22:37	0° $\underline{\mathfrak{A}}$			-3800 Feb 11 j 15:08	0° \mathfrak{Z}	
	-3803 Oct 04 j 08:37	0° \mathbb{M}			-3800 Mar 07 j 06:06	0° \approx	
evening max el	-3803 Oct 07 j 00:20	2° \mathbb{M} 43'45	47°34'17		-3800 Mar 31 j 19:55	0° \mathfrak{H}	
	-3803 Nov 07 j 15:34	0° \mathfrak{A}		morning set	-3800 Apr 03 j 12:57	3° \mathfrak{H} 18'50	
greatest brilliancy	-3803 Nov 16 j 13:47	4° \mathfrak{A} 34'21	-4.9m		-3800 Apr 25 j 07:52	0° \mathfrak{Y}	
retrograde	-3803 Nov 27 j 02:46	6° \mathfrak{A} 42'10		max. Earth dist.	-3800 May 06 j 16:42	13° \mathfrak{Y} 57'49	1.73565 AU
asc. node	-3803 Nov 27 j 18:47	6° \mathfrak{A} 41'37					
evening set	-3803 Dec 12 j 03:30	2° \mathfrak{A} 07'05		superior conj	-3800 May 09 j 11:21	17° \mathfrak{Y} 22'45	-0°12'04
	-3803 Dec 15 j 16:17	30° \mathfrak{R} \mathbb{M}		minimum elong	-3800 May 09 j 13:42	17° \mathfrak{Y} 29'57	0°11'55
min. Earth dist.	-3803 Dec 16 j 20:29	29° \mathbb{M} 15'44	0.27348 AU	behind sun begin	-3800 May 08 j 23:02	16° \mathfrak{Y} 44'52	
inferior conj	-3803 Dec 17 j 22:41	28° \mathbb{M} 34'20	4°44'58	behind sun end	-3800 May 10 j 04:21	18° \mathfrak{Y} 15'04	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3800 May 14 j 14:56	23° Υ 43'00		greatest brilliancy	-3798 Nov 02 j 03:15	4° \mathbb{M} 49'04	-4.9m
	-3800 May 19 j 17:23	0° \mathcal{B}			-3798 Dec 06 j 04:29	0° $\underline{\mathcal{A}}$	
	-3800 Jun 13 j 00:19	0° \mathbb{I}		morning max el	-3798 Dec 12 j 07:23	6° $\underline{\mathcal{A}}$ 03'42	46°42'15
evening rise	-3800 Jun 14 j 01:55	1° \mathbb{I} 19'12			-3797 Jan 03 j 18:32	0° \mathbb{M}	
	-3800 Jul 07 j 05:16	0° \mathcal{E}			-3797 Jan 30 j 05:21	0° \mathcal{A}	
	-3800 Jul 31 j 09:38	0° Ω		desc. node	-3797 Feb 19 j 06:27	23° \mathcal{A} 20'54	
	-3800 Aug 24 j 15:22	0° \mathbb{M}			-3797 Feb 24 j 22:16	0° \mathcal{B}	
desc. node	-3800 Sep 03 j 09:46	12° \mathbb{M} 02'43			-3797 Mar 22 j 05:54	0° \approx	
	-3800 Sep 18 j 00:37	0° $\underline{\mathcal{A}}$			-3797 Apr 16 j 06:45	0° \mathcal{H}	
	-3800 Oct 12 j 16:23	0° \mathbb{M}			-3797 May 11 j 01:22	0° Υ	
	-3800 Nov 06 j 20:58	0° \mathcal{A}			-3797 Jun 04 j 13:47	0° \mathcal{B}	
	-3800 Dec 03 j 07:27	0° \mathcal{B}		morning set	-3797 Jun 10 j 07:23	7° \mathcal{B} 03'41	
evening max el	-3800 Dec 16 j 20:07	14° \mathcal{B} 13'36	46°29'47	asc. node	-3797 Jun 12 j 03:10	9° \mathcal{B} 18'41	
asc. node	-3800 Dec 25 j 06:27	22° \mathcal{B} 27'26			-3797 Jun 28 j 20:11	0° \mathbb{I}	
	-3799 Jan 02 j 16:32	0° \approx		max. Earth dist.	-3797 Jul 12 j 11:10	16° \mathbb{I} 57'54	1.72114 AU
greatest brilliancy	-3799 Jan 25 j 02:50	14° \approx 31'56	-4.8m				
retrograde	-3799 Feb 04 j 23:42	16° \approx 44'40		superior conj	-3797 Jul 16 j 19:59	22° \mathbb{I} 25'05	1°09'34
evening set	-3799 Feb 22 j 17:39	10° \approx 38'26		minimum elong	-3797 Jul 16 j 11:35	21° \mathbb{I} 58'52	1°09'30
inferior conj	-3799 Feb 26 j 09:01	8° \approx 20'50	8°04'20		-3797 Jul 22 j 21:31	0° \mathcal{E}	
minimum elong	-3799 Feb 26 j 12:55	8° \approx 14'37	8°03'58		-3797 Aug 15 j 19:42	0° Ω	
min. Earth dist.	-3799 Feb 26 j 07:34	8° \approx 23'11	0.29206 AU	evening rise	-3797 Aug 23 j 10:58	9° Ω 35'20	
morning rise	-3799 Mar 02 j 08:19	5° \approx 51'12			-3797 Sep 08 j 17:07	0° \mathbb{M}	
	-3799 Mar 18 j 08:11	30° \mathcal{R} \mathcal{B}		desc. node	-3797 Oct 01 j 22:04	29° \mathbb{M} 04'13	
direct	-3799 Mar 19 j 21:33	29° \mathcal{B} 57'08			-3797 Oct 02 j 15:55	0° $\underline{\mathcal{A}}$	
	-3799 Mar 21 j 11:16	0° \approx			-3797 Oct 26 j 17:34	0° \mathbb{M}	
greatest brilliancy	-3799 Mar 29 j 13:23	1° \approx 38'38	-4.7m		-3797 Nov 19 j 23:42	0° \mathcal{A}	
desc. node	-3799 Apr 16 j 03:09	11° \approx 18'12			-3797 Dec 14 j 13:35	0° \mathcal{B}	
morning max el	-3799 May 07 j 17:45	29° \approx 42'41	45°49'06		-3796 Jan 08 j 18:28	0° \approx	
	-3799 May 08 j 01:01	0° \mathcal{H}		asc. node	-3796 Jan 22 j 18:12	16° \approx 06'02	
	-3799 Jun 06 j 01:45	0° Υ			-3796 Feb 04 j 06:12	0° \mathcal{H}	
	-3799 Jul 02 j 14:10	0° \mathcal{B}		evening max el	-3796 Feb 26 j 20:07	23° \mathcal{H} 17'54	45°16'09
	-3799 Jul 27 j 21:06	0° \mathbb{I}			-3796 Mar 05 j 00:43	0° Υ	
asc. node	-3799 Aug 07 j 01:01	12° \mathbb{I} 20'17		greatest brilliancy	-3796 Apr 04 j 09:35	20° Υ 39'59	-4.7m
	-3799 Aug 21 j 09:45	0° \mathcal{E}		retrograde	-3796 Apr 15 j 01:50	22° Υ 41'47	
	-3799 Sep 14 j 11:08	0° Ω		evening set	-3796 Apr 30 j 07:43	18° Υ 16'47	
	-3799 Oct 08 j 07:04	0° \mathbb{M}		inferior conj	-3796 May 06 j 12:14	14° Υ 35'23	1°37'47
	-3799 Nov 01 j 02:09	0° $\underline{\mathcal{A}}$		minimum elong	-3796 May 06 j 15:43	14° Υ 29'56	1°36'50
morning set	-3799 Nov 05 j 05:03	5° $\underline{\mathcal{A}}$ 11'13		min. Earth dist.	-3796 May 07 j 04:09	14° Υ 10'35	0.28923 AU
	-3799 Nov 24 j 23:10	0° \mathbb{M}		morning rise	-3796 May 12 j 23:12	10° Υ 43'40	
desc. node	-3799 Nov 26 j 20:38	2° \mathbb{M} 22'25		desc. node	-3796 May 13 j 14:45	10° Υ 22'44	
				direct	-3796 May 28 j 07:37	6° Υ 15'27	
superior conj	-3799 Dec 17 j 10:47	28° \mathbb{M} 06'32	-0°45'26	greatest brilliancy	-3796 Jun 08 j 06:31	8° Υ 24'10	-4.7m
minimum elong	-3799 Dec 17 j 00:27	27° \mathbb{M} 34'17	0°45'08		-3796 Jul 09 j 09:45	0° \mathcal{B}	
	-3799 Dec 18 j 23:11	0° \mathcal{A}		morning max el	-3796 Jul 16 j 17:23	6° \mathcal{B} 55'28	46°13'23
max. Earth dist.	-3799 Dec 22 j 00:09	3° \mathcal{A} 47'23	1.71926 AU		-3796 Aug 07 j 20:03	0° \mathbb{I}	
	-3798 Jan 12 j 02:19	0° \mathcal{B}			-3796 Sep 03 j 00:53	0° \mathcal{E}	
evening rise	-3798 Jan 26 j 20:14	18° \mathcal{B} 15'17		asc. node	-3796 Sep 03 j 12:38	0° \mathcal{E} 34'46	
	-3798 Feb 05 j 08:41	0° \approx			-3796 Sep 27 j 22:01	0° Ω	
	-3798 Mar 01 j 19:04	0° \mathcal{H}			-3796 Oct 22 j 04:32	0° \mathbb{M}	
asc. node	-3798 Mar 19 j 16:21	21° \mathcal{H} 47'49			-3796 Nov 15 j 05:56	0° $\underline{\mathcal{A}}$	
	-3798 Mar 26 j 10:45	0° Υ			-3796 Dec 09 j 07:31	0° \mathbb{M}	
	-3798 Apr 20 j 09:22	0° \mathcal{B}		desc. node	-3796 Dec 24 j 08:47	18° \mathbb{M} 42'26	
	-3798 May 15 j 17:29	0° \mathbb{I}			-3795 Jan 02 j 11:23	0° \mathcal{A}	
	-3798 Jun 10 j 16:37	0° \mathcal{E}		morning set	-3795 Jan 20 j 23:51	22° \mathcal{A} 54'46	
	-3798 Jul 07 j 21:32	0° Ω			-3795 Jan 26 j 17:37	0° \mathcal{B}	
desc. node	-3798 Jul 09 j 11:51	1° Ω 41'21			-3795 Feb 20 j 01:44	0° \approx	
evening max el	-3798 Jul 23 j 16:59	16° Ω 11'44	46°48'44				
	-3798 Aug 07 j 17:01	0° \mathbb{M}		superior conj	-3795 Feb 28 j 17:19	10° \approx 38'29	-1°20'37
greatest brilliancy	-3798 Sep 02 j 17:36	16° \mathbb{M} 27'03	-4.9m	minimum elong	-3795 Feb 28 j 22:09	10° \approx 53'22	1°20'40
retrograde	-3798 Sep 11 j 20:13	18° \mathbb{M} 00'19		max. Earth dist.	-3795 Mar 02 j 04:05	12° \approx 25'22	1.73425 AU
evening set	-3798 Sep 28 j 01:01	12° \mathbb{M} 54'48			-3795 Mar 16 j 11:18	0° \mathcal{H}	
inferior conj	-3798 Oct 02 j 09:26	10° \mathbb{M} 19'41	-6°28'53	evening rise	-3795 Apr 06 j 14:56	25° \mathcal{H} 57'14	
minimum elong	-3798 Oct 02 j 20:15	10° \mathbb{M} 03'17	6°26'23		-3795 Apr 09 j 22:09	0° Υ	
min. Earth dist.	-3798 Oct 02 j 15:33	10° \mathbb{M} 10'24	0.26474 AU	asc. node	-3795 Apr 16 j 04:43	7° Υ 41'21	
morning rise	-3798 Oct 07 j 15:24	7° \mathbb{M} 14'53			-3795 May 04 j 10:13	0° \mathcal{B}	
direct	-3798 Oct 22 j 17:39	2° \mathbb{M} 44'17			-3795 May 28 j 23:42	0° \mathbb{I}	
asc. node	-3798 Oct 30 j 09:23	3° \mathbb{M} 53'27			-3795 Jun 22 j 15:31	0° \mathcal{E}	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3795 Jul 17 j 11:51	0°♌			-3793 Dec 23 j 20:34	0°♍		
desc. node	-3795 Aug 05 j 23:39	23°♌14'59			-3792 Jan 17 j 11:39	0°♌		
	-3795 Aug 11 j 16:49	0°♍		desc. node	-3792 Jan 21 j 20:42	5°♌19'57		
	-3795 Sep 06 j 14:53	0°♎			-3792 Feb 11 j 02:35	0°♎		
	-3795 Oct 04 j 06:32	0°♏			-3792 Mar 06 j 17:13	0°♏		
evening max el	-3795 Oct 04 j 14:14	0°♏19'36	47°34'48		-3792 Mar 31 j 06:51	0°♏		
	-3795 Nov 09 j 09:31	0°♌		morning set	-3792 Apr 01 j 07:17	1°♏14'43		
greatest brilliancy	-3795 Nov 14 j 06:07	2°♌13'17	-4.9m		-3792 Apr 24 j 18:42	0°♐		
retrograde	-3795 Nov 24 j 16:58	4°♌19'27		max. Earth dist.	-3792 May 04 j 16:00	12°♐08'33	1.73594 AU	
asc. node	-3795 Nov 26 j 20:56	4°♌13'36						
	-3795 Dec 09 j 07:15	30°♏♍		superior conj	-3792 May 07 j 06:16	15°♐19'59	-0°15'05	
evening set	-3795 Dec 09 j 16:01	29°♏47'45		minimum elong	-3792 May 07 j 09:11	15°♐28'56	0°14'54	
min. Earth dist.	-3795 Dec 14 j 11:36	26°♏53'05	0.27276 AU	behind sun begin	-3792 May 07 j 01:48	15°♐06'14		
inferior conj	-3795 Dec 15 j 13:02	26°♏12'56	4°26'42	behind sun end	-3792 May 07 j 16:34	15°♐51'39		
minimum elong	-3795 Dec 15 j 04:42	26°♏26'05	4°24'22	asc. node	-3792 May 13 j 17:06	23°♐16'14		
morning rise	-3795 Dec 20 j 18:12	23°♏02'24			-3792 May 19 j 04:14	0°♑		
direct	-3794 Jan 05 j 02:10	18°♏22'29		evening rise	-3792 Jun 11 j 20:49	29°♑15'13		
greatest brilliancy	-3794 Jan 13 j 23:41	19°♏51'41	-4.8m		-3792 Jun 12 j 11:18	0°♒		
	-3794 Feb 01 j 05:43	0°♌			-3792 Jul 06 j 16:29	0°♎		
morning max el	-3794 Feb 23 j 05:01	19°♌02'09	46°04'53		-3792 Jul 30 j 21:11	0°♏		
	-3794 Mar 06 j 05:08	0°♎			-3792 Aug 24 j 03:21	0°♍		
desc. node	-3794 Mar 18 j 17:58	13°♎09'22		desc. node	-3792 Sep 02 j 11:51	11°♍31'36		
	-3794 Apr 03 j 03:25	0°♏			-3792 Sep 17 j 13:10	0°♎		
	-3794 Apr 29 j 12:33	0°♏			-3792 Oct 12 j 05:45	0°♏		
	-3794 May 25 j 01:44	0°♐			-3792 Nov 06 j 11:48	0°♌		
	-3794 Jun 19 j 00:46	0°♑			-3792 Dec 03 j 01:37	0°♎		
asc. node	-3794 Jul 09 j 15:09	25°♑12'28		evening max el	-3792 Dec 14 j 12:35	11°♎59'54	46°33'06	
	-3794 Jul 13 j 12:22	0°♒		asc. node	-3792 Dec 24 j 08:34	21°♎32'56		
	-3794 Aug 06 j 14:59	0°♎			-3791 Jan 03 j 00:52	0°♏		
morning set	-3794 Aug 19 j 03:14	15°♎41'51		greatest brilliancy	-3791 Jan 22 j 19:10	12°♏21'35	-4.8m	
	-3794 Aug 30 j 11:46	0°♏		retrograde	-3791 Feb 02 j 17:26	14°♏35'32		
	-3794 Sep 23 j 06:11	0°♍		evening set	-3791 Feb 20 j 11:34	8°♏27'36		
				inferior conj	-3791 Feb 24 j 01:58	6°♏11'21	8°08'31	
superior conj	-3794 Sep 27 j 13:04	5°♍24'46	1°05'23	minimum elong	-3791 Feb 24 j 05:16	6°♏06'06	8°08'13	
minimum elong	-3794 Sep 28 j 00:04	5°♍59'30	1°05'07	min. Earth dist.	-3791 Feb 23 j 22:44	6°♏16'33	0.29176 AU	
max. Earth dist.	-3794 Sep 28 j 16:27	6°♍51'12	1.70872 AU	morning rise	-3791 Feb 27 j 23:08	3°♏45'06		
	-3794 Oct 17 j 01:05	0°♎			-3791 Mar 07 j 03:28	30°♏♎		
desc. node	-3794 Oct 29 j 10:30	15°♎35'18		direct	-3791 Mar 17 j 14:27	27°♎48'19		
evening rise	-3794 Nov 08 j 19:42	28°♎36'53		greatest brilliancy	-3791 Mar 27 j 03:37	29°♎28'09	-4.7m	
	-3794 Nov 09 j 22:14	0°♏			-3791 Mar 28 j 15:30	0°♏		
	-3794 Dec 03 j 22:30	0°♌		desc. node	-3791 Apr 15 j 05:25	10°♏11'45		
	-3794 Dec 28 j 02:49	0°♎		morning max el	-3791 May 05 j 10:51	27°♏35'55	45°48'44	
	-3793 Jan 21 j 13:09	0°♏			-3791 May 07 j 22:52	0°♏		
	-3793 Feb 15 j 09:06	0°♏			-3791 Jun 05 j 17:21	0°♐		
asc. node	-3793 Feb 19 j 06:11	4°♏37'38			-3791 Jul 02 j 03:35	0°♑		
	-3793 Mar 12 j 20:31	0°♐			-3791 Jul 27 j 09:30	0°♒		
	-3793 Apr 08 j 10:13	0°♑		asc. node	-3791 Aug 06 j 03:04	11°♒49'30		
	-3793 May 07 j 08:08	0°♒			-3791 Aug 20 j 21:37	0°♎		
evening max el	-3793 May 08 j 19:55	1°♒25'36	45°23'21		-3791 Sep 13 j 22:44	0°♏		
desc. node	-3793 Jun 11 j 02:20	26°♒58'52			-3791 Oct 07 j 18:31	0°♍		
greatest brilliancy	-3793 Jun 16 j 16:40	29°♒19'40	-4.8m		-3791 Oct 31 j 13:30	0°♎		
	-3793 Jun 18 j 20:54	0°♎		morning set	-3791 Nov 02 j 14:49	2°♎35'13		
retrograde	-3793 Jun 26 j 14:51	1°♎06'04			-3791 Nov 24 j 10:28	0°♏		
	-3793 Jul 04 j 02:36	30°♏♒		desc. node	-3791 Nov 25 j 22:40	1°♏53'26		
evening set	-3793 Jul 12 j 22:18	26°♒07'18						
inferior conj	-3793 Jul 17 j 17:07	23°♒18'18	-7°24'46	superior conj	-3791 Dec 14 j 20:47	25°♒32'56	-0°42'07	
minimum elong	-3793 Jul 17 j 07:26	23°♒32'58	7°23'00	minimum elong	-3791 Dec 14 j 10:53	25°♒02'02	0°41'50	
min. Earth dist.	-3793 Jul 18 j 00:40	23°♒06'52	0.27757 AU		-3791 Dec 18 j 10:25	0°♌		
morning rise	-3793 Jul 21 j 16:12	20°♒56'21		max. Earth dist.	-3791 Dec 19 j 13:12	1°♌23'27	1.71867 AU	
direct	-3793 Aug 07 j 20:49	15°♒21'05			-3790 Jan 11 j 13:29	0°♎		
greatest brilliancy	-3793 Aug 18 j 22:06	17°♒35'57	-4.9m	evening rise	-3790 Jan 24 j 09:57	15°♎54'58		
	-3793 Sep 07 j 17:54	0°♎			-3790 Feb 04 j 19:50	0°♏		
morning max el	-3793 Sep 27 j 10:44	18°♎15'27	46°48'21		-3790 Mar 01 j 06:18	0°♏		
asc. node	-3793 Oct 02 j 00:11	22°♎58'10		asc. node	-3790 Mar 18 j 18:35	21°♏19'54		
	-3793 Oct 08 j 14:11	0°♏			-3790 Mar 25 j 22:17	0°♐		
	-3793 Nov 03 j 23:53	0°♍			-3790 Apr 19 j 21:31	0°♑		
	-3793 Nov 29 j 03:10	0°♎			-3790 May 15 j 06:43	0°♒		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3790 Jun 10 j 07:49	0°☿	morning set	-3787 Jan 18 j 12:27	20°♊30'28	
	-3790 Jul 07 j 17:00	0°♋		-3787 Jan 26 j 04:53	0°♌	
desc. node	-3790 Jul 08 j 13:52	0°♋54'43		-3787 Feb 19 j 12:51	0°♍	
evening max el	-3790 Jul 21 j 06:39	13°♋48'24 46°45'30				
	-3790 Aug 08 j 04:37	0°♎	superior conj	-3787 Feb 26 j 09:44	8°♍27'16 -1°21'26	
greatest brilliancy	-3790 Aug 31 j 05:44	13°♎56'50 -4.9m	minimum elong	-3787 Feb 26 j 13:57	8°♍40'15 1°21'31	
retrograde	-3790 Sep 09 j 07:50	15°♎29'12	max. Earth dist.	-3787 Feb 27 j 22:18	10°♍19'42 1.73387 AU	
evening set	-3790 Sep 25 j 16:22	10°♎19'27		-3787 Mar 15 j 22:22	0°♏	
inferior conj	-3790 Sep 29 j 21:18	7°♎49'04 -6°45'35	evening rise	-3787 Apr 04 j 09:21	23°♏52'34	
minimum elong	-3790 Sep 30 j 08:06	7°♎32'41 6°43'11		-3787 Apr 09 j 09:15	0°♐	
min. Earth dist.	-3790 Sep 30 j 04:07	7°♎38'43 0.26497 AU	asc. node	-3787 Apr 15 j 06:53	7°♐13'52	
morning rise	-3790 Oct 04 j 23:45	4°♎48'56		-3787 May 03 j 21:29	0°♑	
direct	-3790 Oct 20 j 06:10	0°♎13'39		-3787 May 28 j 11:18	0°♒	
asc. node	-3790 Oct 29 j 11:33	1°♎52'30		-3787 Jun 22 j 03:40	0°♓	
greatest brilliancy	-3790 Oct 30 j 16:11	2°♎18'31 -4.9m		-3787 Jul 17 j 00:52	0°♋	
	-3790 Dec 06 j 06:05	0°♌	desc. node	-3787 Aug 05 j 01:46	22°♋39'45	
morning max el	-3790 Dec 09 j 20:02	3°♌35'05 46°43'12		-3787 Aug 11 j 07:14	0°♍	
	-3789 Jan 03 j 11:59	0°♍		-3787 Sep 06 j 07:50	0°♎	
	-3789 Jan 29 j 19:53	0°♎	evening max el	-3787 Oct 02 j 03:54	27°♎53'31 47°35'03	
desc. node	-3789 Feb 18 j 08:30	22°♎47'56		-3787 Oct 04 j 05:55	0°♏	
	-3789 Feb 24 j 11:17	0°♏	greatest brilliancy	-3787 Nov 11 j 21:56	29°♏49'20 -4.9m	
	-3789 Mar 21 j 18:00	0°♐		-3787 Nov 12 j 09:15	0°♑	
	-3789 Apr 15 j 18:16	0°♑	retrograde	-3787 Nov 22 j 07:08	1°♑54'28	
	-3789 May 10 j 12:34	0°♒	asc. node	-3787 Nov 25 j 22:59	1°♑37'37	
	-3789 Jun 04 j 00:50	0°♓		-3787 Dec 01 j 20:25	30°♒♌	
morning set	-3789 Jun 08 j 01:50	4°♓58'35	evening set	-3787 Dec 07 j 04:21	27°♌25'39	
asc. node	-3789 Jun 11 j 05:13	8°♓50'58	min. Earth dist.	-3787 Dec 12 j 02:19	24°♌28'09 0.27203 AU	
	-3789 Jun 28 j 07:14	0°♋	inferior conj	-3787 Dec 13 j 03:05	23°♌49'12 4°07'37	
max. Earth dist.	-3789 Jul 10 j 01:37	14°♋38'45 1.72182 AU	minimum elong	-3787 Dec 12 j 19:08	24°♌01'42 4°05'20	
			morning rise	-3787 Dec 18 j 10:40	20°♌35'33	
superior conj	-3789 Jul 14 j 12:59	20°♋13'42 1°07'41	direct	-3786 Jan 02 j 14:55	15°♌59'41	
minimum elong	-3789 Jul 14 j 04:25	19°♋46'55 1°07'35	greatest brilliancy	-3786 Jan 11 j 14:23	17°♌30'32 -4.8m	
	-3789 Jul 22 j 08:39	0°♌		-3786 Feb 01 j 21:22	0°♎	
	-3789 Aug 15 j 06:58	0°♋	morning max el	-3786 Feb 20 j 19:02	16°♎43'37 46°06'10	
evening rise	-3789 Aug 21 j 00:20	7°♋11'01		-3786 Mar 06 j 00:38	0°♏	
	-3789 Sep 08 j 04:35	0°♎	desc. node	-3786 Mar 17 j 20:13	12°♏29'41	
desc. node	-3789 Oct 01 j 00:16	28°♎34'36		-3786 Apr 02 j 18:28	0°♐	
	-3789 Oct 02 j 03:36	0°♌		-3786 Apr 29 j 01:42	0°♑	
	-3789 Oct 26 j 05:30	0°♍		-3786 May 24 j 13:54	0°♒	
	-3789 Nov 19 j 11:57	0°♎		-3786 Jun 18 j 12:22	0°♓	
	-3789 Dec 14 j 02:25	0°♏	asc. node	-3786 Jul 08 j 17:18	24°♓44'06	
	-3788 Jan 08 j 08:27	0°♐		-3786 Jul 12 j 23:40	0°♋	
asc. node	-3788 Jan 21 j 20:15	15°♐29'04		-3786 Aug 06 j 02:11	0°♌	
	-3788 Feb 03 j 22:57	0°♑	morning set	-3786 Aug 16 j 17:33	13°♌20'49	
evening max el	-3788 Feb 24 j 10:55	21°♑04'15 45°17'38		-3786 Aug 29 j 22:58	0°♋	
	-3788 Mar 05 j 03:18	0°♒		-3786 Sep 22 j 17:27	0°♎	
greatest brilliancy	-3788 Apr 02 j 02:25	18°♒32'36 -4.7m				
retrograde	-3788 Apr 12 j 17:47	20°♒34'11	superior conj	-3786 Sep 24 j 23:59	2°♎52'10 1°07'44	
evening set	-3788 Apr 28 j 01:45	16°♒06'36	minimum elong	-3786 Sep 25 j 10:41	3°♎25'55 1°07'30	
inferior conj	-3788 May 04 j 04:50	12°♒27'10 1°56'35	max. Earth dist.	-3786 Sep 25 j 23:09	4°♎05'17 1.70885 AU	
minimum elong	-3788 May 04 j 08:57	12°♒20'43 1°55'27		-3786 Oct 16 j 12:26	0°♌	
min. Earth dist.	-3788 May 04 j 21:14	12°♒01'34 0.28956 AU	desc. node	-3786 Oct 28 j 12:33	15°♌05'56	
morning rise	-3788 May 10 j 15:34	8°♒35'17	evening rise	-3786 Nov 06 j 04:21	25°♌57'50	
desc. node	-3788 May 12 j 16:48	7°♒31'00		-3786 Nov 09 j 09:39	0°♍	
direct	-3788 May 25 j 23:48	4°♒06'32		-3786 Dec 03 j 09:59	0°♎	
greatest brilliancy	-3788 Jun 05 j 23:14	6°♒15'10 -4.7m		-3786 Dec 27 j 14:26	0°♏	
	-3788 Jul 09 j 10:52	0°♓		-3785 Jan 21 j 01:02	0°♐	
morning max el	-3788 Jul 14 j 08:11	4°♓40'01 46°12'02		-3785 Feb 14 j 21:31	0°♑	
	-3788 Aug 07 j 12:46	0°♋	asc. node	-3785 Feb 18 j 08:26	4°♑07'00	
asc. node	-3788 Sep 02 j 14:53	29°♋59'36		-3785 Mar 12 j 10:04	0°♒	
	-3788 Sep 02 j 15:01	0°♌		-3785 Apr 08 j 02:16	0°♓	
	-3788 Sep 27 j 11:00	0°♋	evening max el	-3785 May 06 j 11:14	29°♓12'13 45°21'42	
	-3788 Oct 21 j 16:55	0°♎		-3785 May 07 j 07:24	0°♋	
	-3788 Nov 14 j 17:56	0°♌	desc. node	-3785 Jun 10 j 04:25	25°♋24'05	
	-3788 Dec 08 j 19:14	0°♍	greatest brilliancy	-3785 Jun 14 j 04:23	26°♋59'56 -4.7m	
desc. node	-3788 Dec 23 j 10:48	18°♍12'55	retrograde	-3785 Jun 24 j 05:08	28°♋48'03	
	-3787 Jan 01 j 22:50	0°♎	evening set	-3785 Jul 10 j 08:33	23°♋54'02	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

inferior conj	-3785 Jul 15 j 07:05	20°II59'35	-7°12'00	max. Earth dist.	-3783 Dec 17 j 04:08	29°III05'53	1.71812 AU
minimum elong	-3785 Jul 14 j 21:09	21°II14'38	7°10'07		-3783 Dec 17 j 21:30	0°♂	
min. Earth dist.	-3785 Jul 15 j 14:09	20°II48'54	0.27799 AU		-3782 Jan 11 j 00:31	0°♂	
morning rise	-3785 Jul 19 j 09:25	18°II33'03		evening rise	-3782 Jan 21 j 23:28	13°♂34'17	
direct	-3785 Aug 05 j 12:04	13°II01'43			-3782 Feb 04 j 06:52	0°≈	
greatest brilliancy	-3785 Aug 16 j 12:20	15°II15'58	-4.9m		-3782 Feb 28 j 17:29	0°♂	
	-3785 Sep 08 j 04:16	0°♂		asc. node	-3782 Mar 17 j 20:41	20°♂51'42	
morning max el	-3785 Sep 25 j 01:40	15°♂54'24	46°47'33		-3782 Mar 25 j 09:46	0°♀	
asc. node	-3785 Oct 01 j 02:22	22°♂09'30			-3782 Apr 19 j 09:37	0°♂	
	-3785 Oct 08 j 09:07	0°♂			-3782 May 14 j 19:54	0°II	
	-3785 Nov 03 j 15:05	0°♂			-3782 Jun 09 j 23:02	0°♂	
	-3785 Nov 28 j 16:44	0°♂		desc. node	-3782 Jul 07 j 16:02	0°♂08'26	
	-3785 Dec 23 j 09:13	0°III			-3782 Jul 07 j 12:47	0°♂	
	-3784 Jan 16 j 23:43	0°♂		evening max el	-3782 Jul 18 j 19:18	11°♂23'24	46°42'17
desc. node	-3784 Jan 20 j 22:50	4°♂49'59			-3782 Aug 08 j 19:29	0°♂	
	-3784 Feb 10 j 14:12	0°♂		greatest brilliancy	-3782 Aug 28 j 18:32	11°♂28'28	-4.9m
	-3784 Mar 06 j 04:30	0°≈		retrograde	-3782 Sep 06 j 19:09	12°♂59'25	
morning set	-3784 Mar 30 j 01:25	29°≈09'40		evening set	-3782 Sep 23 j 07:50	7°♂45'23	
	-3784 Mar 30 j 17:52	0°♂		inferior conj	-3782 Sep 27 j 09:21	5°♂19'52	-7°01'18
	-3784 Apr 24 j 05:36	0°♀		minimum elong	-3782 Sep 27 j 20:01	5°♂03'39	6°59'03
max. Earth dist.	-3784 May 02 j 15:27	10°♀19'37	1.73616 AU	min. Earth dist.	-3782 Sep 27 j 17:08	5°♂08'03	0.26521 AU
				morning rise	-3782 Oct 02 j 08:05	2°♂24'34	
superior conj	-3784 May 05 j 01:12	13°♀17'04	-0°18'04		-3782 Oct 07 j 05:18	30°♂♂	
minimum elong	-3784 May 05 j 04:40	13°♀27'44	0°17'52	direct	-3782 Oct 17 j 18:15	27°♂44'12	
asc. node	-3784 May 12 j 19:07	22°♀48'53		greatest brilliancy	-3782 Oct 28 j 05:45	29°♂49'50	-4.9m
	-3784 May 18 j 15:09	0°♂		asc. node	-3782 Oct 28 j 13:34	29°♂57'26	
evening rise	-3784 Jun 09 j 15:58	27°♂11'52			-3782 Oct 28 j 16:11	0°♂	
	-3784 Jun 11 j 22:20	0°II			-3782 Dec 06 j 06:04	0°♂	
	-3784 Jul 06 j 03:45	0°♂		morning max el	-3782 Dec 07 j 08:01	1°♂05'36	46°44'16
	-3784 Jul 30 j 08:45	0°♂			-3781 Jan 03 j 04:44	0°III	
	-3784 Aug 23 j 15:18	0°♂			-3781 Jan 29 j 09:55	0°♂	
desc. node	-3784 Sep 01 j 14:05	11°♂01'04		desc. node	-3781 Feb 17 j 10:44	22°♂16'35	
	-3784 Sep 17 j 01:40	0°♂			-3781 Feb 23 j 23:56	0°♂	
	-3784 Oct 11 j 19:07	0°III			-3781 Mar 21 j 05:50	0°≈	
	-3784 Nov 06 j 02:44	0°♂			-3781 Apr 15 j 05:35	0°♂	
	-3784 Dec 02 j 20:16	0°♂			-3781 May 09 j 23:35	0°♀	
evening max el	-3784 Dec 12 j 05:07	9°♂45'59	46°36'02		-3781 Jun 03 j 11:41	0°♂	
asc. node	-3784 Dec 23 j 10:41	20°♂36'54		morning set	-3781 Jun 05 j 20:05	2°♂53'37	
	-3783 Jan 03 j 12:29	0°≈		asc. node	-3781 Jun 10 j 07:21	8°♂24'12	
greatest brilliancy	-3783 Jan 20 j 12:00	10°≈10'53	-4.8m		-3781 Jun 27 j 18:02	0°II	
retrograde	-3783 Jan 31 j 10:48	12°≈25'01		max. Earth dist.	-3781 Jul 07 j 18:24	12°II27'46	1.72247 AU
evening set	-3783 Feb 18 j 05:03	6°≈16'09					
inferior conj	-3783 Feb 21 j 18:43	4°≈00'46	8°12'00	superior conj	-3781 Jul 12 j 05:57	18°II03'07	1°05'41
minimum elong	-3783 Feb 21 j 21:21	3°≈56'34	8°11'46	minimum elong	-3781 Jul 11 j 21:14	17°II35'54	1°05'35
min. Earth dist.	-3783 Feb 21 j 13:50	4°≈08'35	0.29142 AU		-3781 Jul 21 j 19:30	0°♂	
morning rise	-3783 Feb 25 j 13:53	1°≈37'31			-3781 Aug 14 j 17:58	0°♂	
	-3783 Feb 28 j 08:58	30°♂♂		evening rise	-3781 Aug 18 j 13:59	4°♂48'40	
direct	-3783 Mar 15 j 07:12	25°♂38'39			-3781 Sep 07 j 15:47	0°♂	
greatest brilliancy	-3783 Mar 24 j 17:37	27°♂16'29	-4.7m	desc. node	-3781 Sep 30 j 02:16	28°♂05'15	
	-3783 Mar 31 j 04:52	0°≈			-3781 Oct 01 j 15:01	0°♂	
desc. node	-3783 Apr 14 j 07:27	9°≈06'13			-3781 Oct 25 j 17:09	0°III	
morning max el	-3783 May 03 j 03:00	25°≈26'39	45°48'31		-3781 Nov 18 j 23:55	0°♂	
	-3783 May 07 j 20:00	0°♂			-3781 Dec 13 j 14:57	0°♂	
	-3783 Jun 05 j 08:41	0°♀			-3780 Jan 07 j 22:11	0°≈	
	-3783 Jul 01 j 16:48	0°♂		asc. node	-3780 Jan 20 j 22:30	14°≈53'29	
	-3783 Jul 26 j 21:44	0°II			-3780 Feb 03 j 15:39	0°♂	
asc. node	-3783 Aug 05 j 05:16	11°II19'35		evening max el	-3780 Feb 22 j 01:13	18°♂50'16	45°19'04
	-3783 Aug 20 j 09:21	0°♂			-3780 Mar 05 j 07:09	0°♀	
	-3783 Sep 13 j 10:11	0°♂		greatest brilliancy	-3780 Mar 30 j 18:35	16°♀24'57	-4.7m
	-3783 Oct 07 j 05:48	0°♂		retrograde	-3780 Apr 10 j 09:55	18°♀27'04	
morning set	-3783 Oct 31 j 01:06	0°♂01'17		evening set	-3780 Apr 25 j 19:43	13°♀56'25	
	-3783 Oct 31 j 00:41	0°♂		inferior conj	-3780 May 01 j 21:16	10°♀19'10	2°15'15
	-3783 Nov 23 j 21:35	0°III		minimum elong	-3780 May 02 j 02:01	10°♀11'46	2°13'57
desc. node	-3783 Nov 25 j 00:43	1°III25'04		min. Earth dist.	-3780 May 02 j 14:06	9°♀52'55	0.28993 AU
				morning rise	-3780 May 08 j 07:40	6°♀27'34	
superior conj	-3783 Dec 12 j 06:57	23°III00'19	-0°38'43	desc. node	-3780 May 11 j 18:54	4°♀42'42	
minimum elong	-3783 Dec 11 j 21:36	22°III31'07	0°38'27	direct	-3780 May 23 j 15:50	1°♀57'41	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

greatest brilliancy	-3780 Jun 03 j 16:04	4° Υ 06'47	-4.7m			-3777 Feb 14 j 09:41	0° H	
	-3780 Jul 09 j 10:34	0° B		asc. node		-3777 Feb 17 j 10:34	3° H 36'49	
morning max el	-3780 Jul 11 j 23:45	2° B 27'16	46°10'51			-3777 Mar 11 j 23:24	0° Υ	
	-3780 Aug 07 j 04:53	0° Π				-3777 Apr 07 j 18:13	0° B	
asc. node	-3780 Sep 01 j 17:04	29° Π 25'30		evening max el		-3777 May 04 j 02:50	27° B 00'33	45°19'59
	-3780 Sep 02 j 04:41	0° E				-3777 May 07 j 07:20	0° Π	
	-3780 Sep 26 j 23:34	0° Ω		desc. node		-3777 Jun 09 j 06:34	23° Π 46'41	
	-3780 Oct 21 j 04:54	0° M		greatest brilliancy		-3777 Jun 11 j 16:26	24° Π 41'28	-4.7m
	-3780 Nov 14 j 05:34	0° A		retrograde		-3777 Jun 21 j 19:01	26° Π 30'29	
	-3780 Dec 08 j 06:35	0° M		evening set		-3777 Jul 07 j 18:51	21° Π 41'23	
desc. node	-3780 Dec 22 j 12:57	17° M 44'50		inferior conj		-3777 Jul 12 j 21:00	18° Π 41'29	-6°58'33
	-3779 Jan 01 j 09:56	0° A		minimum elong		-3777 Jul 12 j 10:51	18° Π 56'53	6°56'32
morning set	-3779 Jan 16 j 01:02	18° A 07'03		min. Earth dist.		-3777 Jul 13 j 03:44	18° Π 31'16	0.27842 AU
	-3779 Jan 25 j 15:46	0° B		morning rise		-3777 Jul 17 j 02:32	16° Π 10'09	
	-3779 Feb 18 j 23:36	0° \approx		direct		-3777 Aug 03 j 03:15	10° Π 42'58	
				greatest brilliancy		-3777 Aug 14 j 02:20	12° Π 56'02	-4.9m
superior conj	-3779 Feb 24 j 02:13	6° \approx 17'22	-1°22'08			-3777 Sep 08 j 11:47	0° E	
minimum elong	-3779 Feb 24 j 05:48	6° \approx 28'23	1°22'14	morning max el		-3777 Sep 22 j 16:05	13° E 32'24	46°46'41
max. Earth dist.	-3779 Feb 25 j 16:19	8° \approx 14'34	1.73349 AU	asc. node		-3777 Sep 30 j 04:23	21° E 21'30	
	-3779 Mar 15 j 09:04	0° H				-3777 Oct 08 j 03:28	0° Ω	
evening rise	-3779 Apr 02 j 03:51	21° H 49'15				-3777 Nov 03 j 05:57	0° M	
	-3779 Apr 08 j 20:01	0° Υ				-3777 Nov 28 j 06:01	0° A	
asc. node	-3779 Apr 14 j 08:55	6° Υ 47'01				-3777 Dec 22 j 21:35	0° M	
	-3779 May 03 j 08:27	0° B				-3776 Jan 16 j 11:29	0° A	
	-3779 May 27 j 22:38	0° Π		desc. node		-3776 Jan 20 j 00:59	4° A 20'52	
	-3779 Jun 21 j 15:35	0° E				-3776 Feb 10 j 01:33	0° B	
	-3779 Jul 16 j 13:41	0° Ω				-3776 Mar 05 j 15:32	0° \approx	
desc. node	-3779 Aug 04 j 03:58	22° Ω 05'33		morning set		-3776 Mar 27 j 19:36	27° \approx 05'24	
	-3779 Aug 10 j 21:27	0° M				-3776 Mar 30 j 04:41	0° H	
	-3779 Sep 06 j 00:43	0° A				-3776 Apr 23 j 16:18	0° Υ	
evening max el	-3779 Sep 29 j 18:03	25° A 29'53	47°35'19	max. Earth dist.		-3776 Apr 30 j 14:03	8° Υ 28'46	1.73634 AU
	-3779 Oct 04 j 05:51	0° M						
greatest brilliancy	-3779 Nov 09 j 13:07	27° M 25'34	-4.9m	superior conj		-3776 May 02 j 20:16	11° Υ 15'18	-0°21'01
retrograde	-3779 Nov 19 j 21:39	29° M 30'23		minimum elong		-3776 May 03 j 00:17	11° Υ 27'37	0°20'48
asc. node	-3779 Nov 25 j 01:14	28° M 56'48		asc. node		-3776 May 11 j 21:18	22° Υ 22'41	
evening set	-3779 Dec 04 j 16:48	25° M 03'56				-3776 May 18 j 01:51	0° B	
min. Earth dist.	-3779 Dec 09 j 16:41	22° M 04'10	0.27134 AU	evening rise		-3776 Jun 07 j 11:15	25° B 09'38	
inferior conj	-3779 Dec 10 j 17:01	21° M 26'02	3°47'56			-3776 Jun 11 j 09:11	0° Π	
minimum elong	-3779 Dec 10 j 09:31	21° M 37'48	3°45'44			-3776 Jul 05 j 14:51	0° E	
morning rise	-3779 Dec 16 j 03:01	18° M 09'36				-3776 Jul 29 j 20:12	0° Ω	
direct	-3779 Dec 31 j 04:02	13° M 37'26				-3776 Aug 23 j 03:12	0° M	
greatest brilliancy	-3778 Jan 09 j 04:34	15° M 09'36	-4.8m	desc. node		-3776 Aug 31 j 16:04	10° M 29'55	
	-3778 Feb 02 j 08:39	0° A				-3776 Sep 16 j 14:12	0° A	
morning max el	-3778 Feb 18 j 09:59	14° A 28'17	46°07'32			-3776 Oct 11 j 08:34	0° M	
	-3778 Mar 05 j 19:11	0° B				-3776 Nov 05 j 17:49	0° A	
desc. node	-3778 Mar 16 j 22:13	11° B 50'48				-3776 Dec 02 j 15:19	0° B	
	-3778 Apr 02 j 08:56	0° \approx		evening max el		-3776 Dec 09 j 21:00	7° B 30'25	46°39'06
	-3778 Apr 28 j 14:24	0° H		asc. node		-3776 Dec 22 j 12:54	19° B 40'17	
	-3778 May 24 j 01:41	0° Υ				-3775 Jan 04 j 03:54	0° \approx	
	-3778 Jun 17 j 23:40	0° B				-3775 Jan 18 j 05:24	8° \approx 01'01	-4.8m
asc. node	-3778 Jul 07 j 19:30	24° B 16'45		greatest brilliancy		-3775 Jan 29 j 03:43	10° \approx 14'36	
	-3778 Jul 12 j 10:43	0° Π		retrograde		-3775 Feb 15 j 22:19	4° \approx 05'22	
	-3778 Aug 05 j 13:09	0° E		evening set		-3775 Feb 19 j 11:28	1° \approx 50'28	8°14'55
morning set	-3778 Aug 14 j 07:45	11° E 00'15		inferior conj		-3775 Feb 19 j 13:24	1° \approx 47'21	8°14'44
	-3778 Aug 29 j 09:56	0° Ω		minimum elong		-3775 Feb 19 j 05:11	2° \approx 00'32	0.29103 AU
				min. Earth dist.		-3775 Feb 22 j 09:08	30° R 3	
superior conj	-3778 Sep 22 j 10:50	0° M 20'12	1°09'57	morning rise		-3775 Feb 23 j 04:45	29° B 29'48	
minimum elong	-3778 Sep 22 j 21:07	0° M 52'39	1°09'45	direct		-3775 Mar 12 j 23:35	23° B 29'16	
	-3778 Sep 22 j 04:26	0° M		greatest brilliancy		-3775 Mar 22 j 07:53	25° B 05'15	-4.7m
max. Earth dist.	-3778 Sep 23 j 06:58	1° M 23'44	1.70894 AU			-3775 Apr 01 j 19:15	0° \approx	
	-3778 Oct 15 j 23:28	0° A		desc. node		-3775 Apr 13 j 09:33	8° \approx 02'47	
desc. node	-3778 Oct 27 j 14:35	14° A 37'30		morning max el		-3775 Apr 30 j 18:23	23° \approx 15'48	45°48'26
evening rise	-3778 Nov 03 j 12:51	23° A 19'16				-3775 May 07 j 16:19	0° H	
	-3778 Nov 08 j 20:45	0° M				-3775 Jun 04 j 23:42	0° Υ	
	-3778 Dec 02 j 21:11	0° A				-3775 Jul 01 j 05:50	0° B	
	-3778 Dec 27 j 01:47	0° B				-3775 Jul 26 j 09:51	0° Π	
	-3777 Jan 20 j 12:39	0° \approx		asc. node		-3775 Aug 04 j 07:24	10° Π 49'49	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3775 Aug 19 j 21:00	0°☾			-3772 Mar 05 j 13:21	0°☿	
	-3775 Sep 12 j 21:35	0°♈		greatest brilliancy	-3772 Mar 28 j 10:18	14°☿16'12	-4.7m
	-3775 Oct 06 j 17:06	0°♊		retrograde	-3772 Apr 08 j 02:38	16°☿19'28	
morning set	-3775 Oct 28 j 10:57	27°♊25'40		evening set	-3772 Apr 23 j 13:53	11°☿45'34	
	-3775 Oct 30 j 11:57	0°♊		inferior conj	-3772 Apr 29 j 13:46	8°☿10'34	2°33'33
	-3775 Nov 23 j 08:47	0°♊		minimum elong	-3772 Apr 29 j 19:05	8°☿02'16	2°32'08
desc. node	-3775 Nov 24 j 02:56	0°♊56'52		min. Earth dist.	-3772 Apr 30 j 06:41	7°☿44'12	0.29028 AU
				morning rise	-3772 May 05 j 23:42	4°☿19'41	
superior conj	-3775 Dec 09 j 16:33	20°♊25'39	-0°35'13	desc. node	-3772 May 10 j 21:06	1°☿57'44	
minimum elong	-3775 Dec 09 j 07:50	19°♊58'26	0°34'56		-3772 May 18 j 04:33	30°♈	
max. Earth dist.	-3775 Dec 14 j 16:38	26°♊40'26	1.71751 AU	direct	-3772 May 21 j 08:17	29°♈48'19	
	-3775 Dec 17 j 08:37	0°♈			-3772 May 24 j 13:21	0°☿	
	-3774 Jan 10 j 11:34	0°♈		greatest brilliancy	-3772 Jun 01 j 08:33	1°☿57'38	-4.7m
evening rise	-3774 Jan 19 j 12:29	11°♈11'49			-3772 Jul 09 j 09:31	0°♈	
	-3774 Feb 03 j 17:56	0°♈		morning max el	-3772 Jul 09 j 16:24	0°♈16'40	46°09'40
	-3774 Feb 28 j 04:41	0°♈			-3772 Aug 06 j 20:59	0°♊	
asc. node	-3774 Mar 16 j 22:44	20°♈23'17		asc. node	-3772 Aug 31 j 19:02	28°♊50'22	
	-3774 Mar 24 j 21:19	0°☿			-3772 Sep 01 j 18:27	0°☾	
	-3774 Apr 18 j 21:48	0°♈			-3772 Sep 26 j 12:16	0°♈	
	-3774 May 14 j 09:12	0°♊			-3772 Oct 20 j 17:02	0°♊	
	-3774 Jun 09 j 14:27	0°☾			-3772 Nov 13 j 17:22	0°♊	
desc. node	-3774 Jul 06 j 18:13	29°☾21'38			-3772 Dec 07 j 18:08	0°♊	
	-3774 Jul 07 j 09:08	0°♈		desc. node	-3772 Dec 21 j 15:04	17°♊15'51	
evening max el	-3774 Jul 16 j 07:08	8°♈56'39	46°39'05		-3772 Dec 31 j 21:17	0°♈	
	-3774 Aug 09 j 15:12	0°♊		morning set	-3771 Jan 13 j 13:17	15°♈41'33	
greatest brilliancy	-3774 Aug 26 j 07:23	9°♊00'22	-4.9m		-3771 Jan 25 j 02:58	0°♈	
retrograde	-3774 Sep 04 j 06:16	10°♊30'06			-3771 Feb 18 j 10:41	0°♈	
evening set	-3774 Sep 20 j 23:15	5°♊11'24					
inferior conj	-3774 Sep 24 j 21:27	2°♊50'50	-7°16'00	superior conj	-3771 Feb 21 j 18:13	4°♈04'53	-1°22'43
minimum elong	-3774 Sep 25 j 07:54	2°♊34'59	7°13'56	minimum elong	-3771 Feb 21 j 21:07	4°♈13'47	1°22'49
min. Earth dist.	-3774 Sep 25 j 06:17	2°♊37'26	0.26554 AU	max. Earth dist.	-3771 Feb 23 j 09:45	6°♈06'32	1.73312 AU
morning rise	-3774 Sep 29 j 16:22	0°♊00'43			-3771 Mar 14 j 20:05	0°♈	
	-3774 Sep 29 j 16:53	30°♈♈		evening rise	-3771 Mar 30 j 21:56	19°♈43'48	
direct	-3774 Oct 15 j 06:13	25°♈14'27			-3771 Apr 08 j 07:05	0°☿	
greatest brilliancy	-3774 Oct 25 j 19:50	27°♈21'36	-4.9m	asc. node	-3771 Apr 13 j 11:06	6°☿19'41	
asc. node	-3774 Oct 27 j 15:51	28°♈06'58			-3771 May 02 j 19:43	0°♈	
	-3774 Oct 31 j 11:29	0°♊			-3771 May 27 j 10:17	0°♊	
morning max el	-3774 Dec 04 j 20:23	28°♊36'10	46°45'13		-3771 Jun 21 j 03:52	0°☾	
	-3774 Dec 06 j 05:16	0°♊			-3771 Jul 16 j 02:54	0°♈	
	-3773 Jan 02 j 21:26	0°♊		desc. node	-3771 Aug 03 j 05:57	21°♈29'39	
	-3773 Jan 29 j 00:04	0°♈			-3771 Aug 10 j 12:09	0°♊	
desc. node	-3773 Feb 16 j 12:45	21°♈44'03			-3771 Sep 05 j 18:13	0°♊	
	-3773 Feb 23 j 12:42	0°♈		evening max el	-3771 Sep 27 j 09:15	23°♈08'20	47°35'32
	-3773 Mar 20 j 17:46	0°♈			-3771 Oct 04 j 07:13	0°♊	
	-3773 Apr 14 j 17:00	0°♈		greatest brilliancy	-3771 Nov 07 j 03:54	25°♊00'45	-4.9m
	-3773 May 09 j 10:42	0°☿		retrograde	-3771 Nov 17 j 12:39	27°♊05'32	
	-3773 Jun 02 j 22:40	0°♈		asc. node	-3771 Nov 24 j 03:20	26°♊09'53	
morning set	-3773 Jun 03 j 14:32	0°♈48'47		evening set	-3771 Dec 02 j 05:28	22°♊41'18	
asc. node	-3773 Jun 09 j 09:32	7°♈57'09		min. Earth dist.	-3771 Dec 07 j 06:51	19°♊39'41	0.27067 AU
	-3773 Jun 27 j 04:59	0°♊		inferior conj	-3771 Dec 08 j 06:55	19°♊02'03	3°27'48
max. Earth dist.	-3773 Jul 05 j 12:40	10°♊21'01	1.72308 AU	minimum elong	-3771 Dec 07 j 23:57	19°♊12'57	3°25'41
				morning rise	-3771 Dec 13 j 19:16	15°♊43'00	
superior conj	-3773 Jul 09 j 23:16	15°♊53'11	1°03'37	direct	-3771 Dec 28 j 17:38	11°♊14'33	
minimum elong	-3773 Jul 09 j 14:28	15°♊25'44	1°03'30	greatest brilliancy	-3770 Jan 06 j 18:19	12°♊47'21	-4.8m
	-3773 Jul 21 j 06:30	0°☾			-3770 Feb 02 j 17:20	0°♈	
	-3773 Aug 14 j 05:05	0°♈		morning max el	-3770 Feb 16 j 01:23	12°♈13'02	46°08'40
evening rise	-3773 Aug 16 j 04:15	2°♈27'54			-3770 Mar 05 j 13:40	0°♈	
	-3773 Sep 07 j 03:06	0°♊		desc. node	-3770 Mar 16 j 00:20	11°♈31'37	
desc. node	-3773 Sep 29 j 04:22	27°♊35'46			-3770 Apr 01 j 23:38	0°♈	
	-3773 Oct 01 j 02:34	0°♊			-3770 Apr 28 j 03:24	0°♈	
	-3773 Oct 25 j 04:59	0°♊			-3770 May 23 j 13:46	0°☿	
	-3773 Nov 18 j 12:09	0°♈			-3770 Jun 17 j 11:14	0°♈	
	-3773 Dec 13 j 03:50	0°♈		asc. node	-3770 Jul 06 j 21:32	23°♈48'02	
	-3772 Jan 07 j 12:23	0°♈			-3770 Jul 11 j 22:02	0°♊	
asc. node	-3772 Jan 20 j 00:36	14°♈16'17			-3770 Aug 05 j 00:22	0°☾	
	-3772 Feb 03 j 09:02	0°♈		morning set	-3770 Aug 11 j 22:02	8°☾39'11	
evening max el	-3772 Feb 19 j 16:07	16°♈36'55	45°20'51		-3770 Aug 28 j 21:11	0°♈	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3770 Sep 19 j 22:01	27° Ω 48'17	1°12'00	morning rise	-3767 Feb 20 j 19:55	27° Ξ 21'24	
minimum elong	-3770 Sep 20 j 07:49	28° Ω 19'13	1°11'51	direct	-3767 Mar 10 j 15:26	21° Ξ 19'28	
max. Earth dist.	-3770 Sep 20 j 12:37	28° Ω 34'23	1.70904 AU	greatest brilliancy	-3767 Mar 19 j 22:42	22° Ξ 54'13	-4.7m
	-3770 Sep 21 j 15:45	0° Π			-3767 Apr 02 j 22:17	0° \approx	
	-3770 Oct 15 j 10:50	0° $\underline{\Omega}$		desc. node	-3767 Apr 12 j 11:48	7° \approx 00'54	
desc. node	-3770 Oct 26 j 16:48	14° $\underline{\Omega}$ 08'39		morning max el	-3767 Apr 28 j 09:19	21° \approx 03'21	45°48'22
evening rise	-3770 Oct 31 j 21:31	20° $\underline{\Omega}$ 40'08			-3767 May 07 j 12:10	0° H	
	-3770 Nov 08 j 08:09	0° M			-3767 Jun 04 j 14:44	0° Y	
	-3770 Dec 02 j 08:40	0° Z			-3767 Jun 30 j 19:00	0° B	
	-3770 Dec 26 j 13:24	0° Ξ			-3767 Jul 25 j 22:06	0° II	
	-3769 Jan 20 j 00:33	0° \approx		asc. node	-3767 Aug 03 j 09:28	10° II 19'22	
	-3769 Feb 13 j 22:11	0° H			-3767 Aug 19 j 08:47	0° E	
asc. node	-3769 Feb 16 j 12:34	3° H 05'20			-3767 Sep 12 j 09:07	0° Ω	
	-3769 Mar 11 j 13:10	0° Y			-3767 Oct 06 j 04:31	0° Π	
	-3769 Apr 07 j 10:51	0° B		morning set	-3767 Oct 25 j 20:50	24° Π 49'45	
evening max el	-3769 May 01 j 18:23	24° B 47'48	45°18'23		-3767 Oct 29 j 23:18	0° $\underline{\Omega}$	
	-3769 May 07 j 08:55	0° II			-3767 Nov 22 j 20:06	0° M	
desc. node	-3769 Jun 08 j 08:41	22° II 04'58		desc. node	-3767 Nov 23 j 04:57	0° M 27'43	
greatest brilliancy	-3769 Jun 09 j 05:25	22° II 23'29	-4.7m				
retrograde	-3769 Jun 19 j 08:30	24° II 12'40		superior conj	-3767 Dec 07 j 02:05	17° M 50'18	-0°31'36
evening set	-3769 Jul 05 j 05:33	19° II 28'25		minimum elong	-3767 Dec 06 j 18:05	17° M 25'16	0°31'21
inferior conj	-3769 Jul 10 j 11:08	16° II 23'23	-6°44'36	max. Earth dist.	-3767 Dec 12 j 01:49	24° M 04'11	1.71693 AU
minimum elong	-3769 Jul 10 j 00:51	16° II 39'02	6°42'27		-3767 Dec 16 j 19:53	0° Z	
min. Earth dist.	-3769 Jul 10 j 17:55	16° II 13'04	0.27884 AU		-3766 Jan 09 j 22:47	0° Ξ	
morning rise	-3769 Jul 14 j 19:50	13° II 47'08		evening rise	-3766 Jan 17 j 01:21	8° Ξ 48'22	
direct	-3769 Jul 31 j 18:17	8° II 24'13			-3766 Feb 03 j 05:09	0° \approx	
greatest brilliancy	-3769 Aug 11 j 16:52	10° II 36'22	-4.8m		-3766 Feb 27 j 16:01	0° H	
	-3769 Sep 08 j 17:22	0° E		asc. node	-3766 Mar 16 j 00:58	19° H 55'08	
morning max el	-3769 Sep 20 j 05:38	11° E 07'38	46°45'40		-3766 Mar 24 j 08:59	0° Y	
asc. node	-3769 Sep 29 j 06:39	20° E 34'10			-3766 Apr 18 j 10:06	0° B	
	-3769 Oct 07 j 21:39	0° Ω			-3766 May 13 j 22:42	0° II	
	-3769 Nov 02 j 20:54	0° Π			-3766 Jun 09 j 06:13	0° E	
	-3769 Nov 27 j 19:28	0° $\underline{\Omega}$		desc. node	-3766 Jul 05 j 20:13	28° E 33'11	
	-3769 Dec 22 j 10:10	0° M			-3766 Jul 07 j 06:21	0° Ω	
	-3768 Jan 15 j 23:29	0° Z		evening max el	-3766 Jul 13 j 18:47	6° Ω 29'11	46°35'54
desc. node	-3768 Jan 19 j 03:01	3° Z 50'41			-3766 Aug 10 j 18:10	0° Π	
	-3768 Feb 09 j 13:07	0° Ξ		greatest brilliancy	-3766 Aug 23 j 19:51	6° Π 31'24	-4.9m
	-3768 Mar 05 j 02:48	0° \approx		retrograde	-3766 Sep 01 j 17:40	8° Π 00'34	
morning set	-3768 Mar 25 j 13:47	25° \approx 00'27		evening set	-3766 Sep 18 j 14:32	2° Π 36'52	
	-3768 Mar 29 j 15:44	0° H		inferior conj	-3766 Sep 22 j 09:29	0° Π 21'22	-7°29'50
	-3768 Apr 23 j 03:16	0° Y		minimum elong	-3766 Sep 22 j 19:38	0° Π 05'59	7°27'57
max. Earth dist.	-3768 Apr 28 j 10:59	6° Y 31'56	1.73653 AU		-3766 Sep 22 j 23:35	30° R Ω	
				min. Earth dist.	-3766 Sep 22 j 19:11	0° Π 06'39	0.26590 AU
superior conj	-3768 Apr 30 j 15:19	9° Y 12'41	-0°23'56	morning rise	-3766 Sep 27 j 00:30	27° Ω 36'52	
minimum elong	-3768 Apr 30 j 19:51	9° Y 26'36	0°23'42	direct	-3766 Oct 12 j 18:12	22° Ω 44'10	
asc. node	-3768 May 10 j 23:27	21° Y 55'29		greatest brilliancy	-3766 Oct 23 j 09:48	24° Ω 53'04	-4.9m
	-3768 May 17 j 12:51	0° B		asc. node	-3766 Oct 26 j 17:59	26° Ω 20'26	
evening rise	-3768 Jun 05 j 06:25	23° B 06'20			-3766 Nov 02 j 05:01	0° Π	
	-3768 Jun 10 j 20:19	0° II		morning max el	-3766 Dec 02 j 09:33	26° Π 08'37	46°46'08
	-3768 Jul 05 j 02:13	0° E			-3766 Dec 06 j 03:36	0° $\underline{\Omega}$	
	-3768 Jul 29 j 07:54	0° Ω			-3765 Jan 02 j 13:52	0° M	
	-3768 Aug 22 j 15:23	0° Π			-3765 Jan 28 j 14:06	0° Z	
desc. node	-3768 Aug 30 j 18:10	9° Π 58'19		desc. node	-3765 Feb 15 j 14:50	21° Z 11'45	
	-3768 Sep 16 j 03:01	0° $\underline{\Omega}$			-3765 Feb 23 j 01:25	0° Ξ	
	-3768 Oct 10 j 22:22	0° M			-3765 Mar 20 j 05:41	0° \approx	
	-3768 Nov 05 j 09:23	0° Z			-3765 Apr 14 j 04:25	0° H	
	-3768 Dec 02 j 11:11	0° Ξ			-3765 May 08 j 21:48	0° Y	
evening max el	-3768 Dec 07 j 12:09	5° Ξ 12'01	46°42'08	morning set	-3765 Jun 01 j 09:06	28° Y 44'37	
asc. node	-3768 Dec 21 j 15:00	18° Ξ 41'27			-3765 Jun 02 j 09:37	0° B	
	-3767 Jan 05 j 01:06	0° \approx		asc. node	-3765 Jun 08 j 11:34	7° B 29'43	
greatest brilliancy	-3767 Jan 15 j 23:16	5° \approx 50'52	-4.8m		-3765 Jun 26 j 15:53	0° II	
retrograde	-3767 Jan 26 j 20:21	8° \approx 03'39		max. Earth dist.	-3765 Jul 03 j 07:53	8° II 17'22	1.72372 AU
evening set	-3767 Feb 13 j 15:21	1° \approx 54'30					
	-3767 Feb 16 j 15:42	30° R Ξ		superior conj	-3765 Jul 07 j 16:35	13° II 43'25	1°01'28
inferior conj	-3767 Feb 17 j 04:16	29° Ξ 39'49	8°17'08	minimum elong	-3765 Jul 07 j 07:45	13° II 15'54	1°01'19
minimum elong	-3767 Feb 17 j 05:31	29° Ξ 37'48	8°16'58		-3765 Jul 20 j 17:30	0° E	
min. Earth dist.	-3767 Feb 16 j 20:56	29° Ξ 51'36	0.29059 AU	evening rise	-3765 Aug 13 j 18:33	0° Ω 07'11	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3765 Aug 13 j 16:15	0°♌				-3762 Mar 05 j 07:30	0°♊		
	-3765 Sep 06 j 14:28	0°♍		desc. node		-3762 Mar 15 j 02:35	10°♊33'48		
desc. node	-3765 Sep 28 j 06:33	27°♍06'26				-3762 Apr 01 j 13:55	0°♋		
	-3765 Sep 30 j 14:09	0°♎				-3762 Apr 27 j 16:04	0°♌		
	-3765 Oct 24 j 16:50	0°♏				-3762 May 23 j 01:34	0°♍		
	-3765 Nov 18 j 00:23	0°♐				-3762 Jun 16 j 22:32	0°♎		
	-3765 Dec 12 j 16:44	0°♑		asc. node		-3762 Jul 05 j 23:39	23°♎20'25		
asc. node	-3764 Jan 07 j 02:40	0°♒				-3762 Jul 11 j 09:04	0°♏		
	-3764 Jan 19 j 02:39	13°♒38'48				-3762 Aug 04 j 11:19	0°♐		
	-3764 Feb 03 j 02:46	0°♌		morning set		-3762 Aug 09 j 12:45	6°♐20'30		
evening max el	-3764 Feb 17 j 07:57	14°♌25'56	45°22'42			-3762 Aug 28 j 08:08	0°♑		
	-3764 Mar 05 j 21:56	0°♍							
greatest brilliancy	-3764 Mar 26 j 01:49	12°♍07'32	-4.7m	superior conj		-3762 Sep 17 j 09:40	25°♑18'55	1°13'53	
retrograde	-3764 Apr 05 j 19:39	14°♍12'02		minimum elong		-3762 Sep 17 j 18:54	25°♑48'05	1°13'45	
evening set	-3764 Apr 21 j 08:11	9°♍34'59		max. Earth dist.		-3762 Sep 17 j 16:37	25°♑40'53	1.70921 AU	
inferior conj	-3764 Apr 27 j 06:15	6°♍02'12	2°51'43			-3762 Sep 21 j 02:45	0°♎		
minimum elong	-3764 Apr 27 j 12:07	5°♍53'04	2°50'09			-3762 Oct 14 j 21:54	0°♏		
min. Earth dist.	-3764 Apr 27 j 22:55	5°♍36'14	0.29059 AU	desc. node		-3762 Oct 25 j 18:49	13°♏40'04		
morning rise	-3764 May 03 j 15:33	2°♍12'19		evening rise		-3762 Oct 29 j 06:05	18°♏01'25		
	-3764 May 08 j 03:28	30°♌				-3762 Nov 07 j 19:19	0°♎		
desc. node	-3764 May 09 j 23:08	29°♌17'26				-3762 Dec 01 j 19:56	0°♐		
direct	-3764 May 19 j 01:06	27°♌39'26				-3762 Dec 26 j 00:49	0°♑		
greatest brilliancy	-3764 May 30 j 00:18	29°♌48'13	-4.7m			-3761 Jan 19 j 12:15	0°♒		
	-3764 May 30 j 12:43	0°♍				-3761 Feb 13 j 10:31	0°♌		
morning max el	-3764 Jul 07 j 09:28	28°♍07'52	46°08'26	asc. node		-3761 Feb 15 j 14:49	2°♌35'13		
	-3764 Jul 09 j 07:21	0°♎				-3761 Mar 11 j 02:48	0°♍		
	-3764 Aug 06 j 12:39	0°♏				-3761 Apr 07 j 03:33	0°♎		
asc. node	-3764 Aug 30 j 21:18	28°♏16'37		evening max el		-3761 Apr 29 j 09:11	22°♎33'57	45°16'50	
	-3764 Sep 01 j 07:59	0°♐				-3761 May 07 j 11:37	0°♏		
	-3764 Sep 26 j 00:50	0°♑		greatest brilliancy		-3761 Jun 06 j 18:50	20°♏06'51	-4.7m	
	-3764 Oct 20 j 05:05	0°♒		desc. node		-3761 Jun 07 j 10:46	20°♏20'12		
	-3764 Nov 13 j 05:04	0°♓		retrograde		-3761 Jun 16 j 21:37	21°♏55'59		
	-3764 Dec 07 j 05:34	0°♏		evening set		-3761 Jul 02 j 16:22	17°♏16'13		
desc. node	-3764 Dec 20 j 17:06	16°♏47'02		inferior conj		-3761 Jul 08 j 01:18	14°♏06'28	-6°29'58	
	-3764 Dec 31 j 08:30	0°♐		minimum elong		-3761 Jul 07 j 14:57	14°♏22'13	6°27'43	
morning set	-3763 Jan 11 j 01:09	13°♐15'16		min. Earth dist.		-3761 Jul 08 j 08:31	13°♏55'28	0.27922 AU	
	-3763 Jan 24 j 14:00	0°♑		morning rise		-3761 Jul 12 j 13:08	11°♏25'21		
	-3763 Feb 17 j 21:36	0°♒		direct		-3761 Jul 29 j 08:49	6°♏06'32		
				greatest brilliancy		-3761 Aug 09 j 08:01	8°♏18'35	-4.8m	
superior conj	-3763 Feb 19 j 09:54	1°♒51'48	-1°23'10			-3761 Sep 08 j 20:37	0°♐		
minimum elong	-3763 Feb 19 j 12:04	1°♒58'27	1°23'18	morning max el		-3761 Sep 17 j 18:24	8°♐42'09	46°44'50	
max. Earth dist.	-3763 Feb 21 j 04:35	4°♒03'12	1.73275 AU	asc. node		-3761 Sep 28 j 08:46	19°♐48'24		
	-3763 Mar 14 j 06:58	0°♌				-3761 Oct 07 j 14:59	0°♑		
evening rise	-3763 Mar 28 j 15:55	17°♌38'24				-3761 Nov 02 j 11:17	0°♒		
	-3763 Apr 07 j 18:01	0°♍				-3761 Nov 27 j 08:29	0°♓		
asc. node	-3763 Apr 12 j 13:13	5°♍52'36				-3761 Dec 21 j 22:24	0°♏		
	-3763 May 02 j 06:50	0°♎				-3760 Jan 15 j 11:12	0°♐		
	-3763 May 26 j 21:46	0°♏		desc. node		-3760 Jan 18 j 05:09	3°♐21'36		
	-3763 Jun 20 j 15:58	0°♐				-3760 Feb 09 j 00:26	0°♑		
	-3763 Jul 15 j 15:56	0°♑				-3760 Mar 04 j 13:47	0°♒		
desc. node	-3763 Aug 02 j 08:06	20°♑54'44		morning set		-3760 Mar 23 j 07:31	22°♒54'50		
	-3763 Aug 10 j 02:46	0°♒				-3760 Mar 29 j 02:30	0°♌		
	-3763 Sep 05 j 11:54	0°♓				-3760 Apr 22 j 13:56	0°♍		
evening max el	-3763 Sep 25 j 01:07	20°♓48'49	47°35'21	max. Earth dist.		-3760 Apr 26 j 07:12	4°♍33'56	1.73670 AU	
	-3763 Oct 04 j 09:51	0°♏							
greatest brilliancy	-3763 Nov 04 j 18:31	22°♏35'17	-4.9m	superior conj		-3760 Apr 28 j 10:08	7°♍10'16	-0°26'51	
retrograde	-3763 Nov 15 j 03:21	24°♏39'31		minimum elong		-3760 Apr 28 j 15:09	7°♍25'42	0°26'36	
asc. node	-3763 Nov 23 j 05:25	23°♏16'21		asc. node		-3760 May 10 j 01:27	21°♍28'44		
evening set	-3763 Nov 29 j 18:02	20°♏17'40				-3760 May 16 j 23:34	0°♎		
min. Earth dist.	-3763 Dec 04 j 20:46	17°♏14'08	0.26999 AU	evening rise		-3760 Jun 03 j 01:33	21°♎03'46		
inferior conj	-3763 Dec 05 j 20:28	16°♏37'07	3°06'49			-3760 Jun 10 j 07:12	0°♏		
minimum elong	-3763 Dec 05 j 14:04	16°♏47'06	3°04'51			-3760 Jul 04 j 13:20	0°♐		
morning rise	-3763 Dec 11 j 11:03	13°♏15'29				-3760 Jul 28 j 19:21	0°♑		
direct	-3763 Dec 26 j 07:07	8°♏51'00				-3760 Aug 22 j 03:16	0°♒		
greatest brilliancy	-3762 Jan 04 j 07:37	10°♏24'02	-4.8m	desc. node		-3760 Aug 29 j 20:23	9°♒28'07		
	-3762 Feb 02 j 23:30	0°♐				-3760 Sep 15 j 15:32	0°♓		
morning max el	-3762 Feb 13 j 16:04	9°♐56'22	46°09'51			-3760 Oct 10 j 11:52	0°♏		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3760 Nov 05 j 00:42	0°♊				-3757 Apr 13 j 15:36	0°♋		
	-3760 Dec 02 j 07:13	0°♌				-3757 May 08 j 08:43	0°♍		
evening max el	-3760 Dec 05 j 02:35	2°♌52'45	46°45'02	morning set		-3757 May 30 j 03:42	26°♍40'59		
asc. node	-3760 Dec 20 j 17:05	17°♌42'15				-3757 Jun 01 j 20:24	0°♎		
	-3759 Jan 06 j 05:56	0°♏		asc. node		-3757 Jun 07 j 13:43	7°♎03'05		
greatest brilliancy	-3759 Jan 13 j 16:50	3°♏40'46	-4.8m			-3757 Jun 26 j 02:40	0°♐		
retrograde	-3759 Jan 24 j 12:48	5°♏53'09		max. Earth dist.		-3757 Jul 01 j 02:37	6°♐12'41	1.72433 AU	
	-3759 Feb 10 j 21:43	30°♑♌							
evening set	-3759 Feb 11 j 07:58	29°♌44'17		superior conj		-3757 Jul 05 j 09:54	11°♐34'08	0°59'13	
inferior conj	-3759 Feb 14 j 21:00	27°♌29'30	8°18'30	minimum elong		-3757 Jul 05 j 01:05	11°♐06'42	0°59'03	
minimum elong	-3759 Feb 14 j 21:33	27°♌28'37	8°18'22			-3757 Jul 20 j 04:21	0°♑		
min. Earth dist.	-3759 Feb 14 j 12:48	27°♌42'40	0.29018 AU	evening rise		-3757 Aug 11 j 08:59	27°♑47'23		
morning rise	-3759 Feb 18 j 11:19	25°♌13'00				-3757 Aug 13 j 03:17	0°♒		
direct	-3759 Mar 08 j 06:55	19°♌09'47				-3757 Sep 06 j 01:44	0°♓		
greatest brilliancy	-3759 Mar 17 j 14:04	20°♌44'09	-4.7m	desc. node		-3757 Sep 27 j 08:33	26°♓36'52		
	-3759 Apr 03 j 17:50	0°♓				-3757 Sep 30 j 01:40	0°♐		
desc. node	-3759 Apr 11 j 13:48	6°♓00'34				-3757 Oct 24 j 04:37	0°♑		
morning max el	-3759 Apr 26 j 00:20	18°♓51'42	45°48'24			-3757 Nov 17 j 12:32	0°♊		
	-3759 May 07 j 07:12	0°♋				-3757 Dec 12 j 05:33	0°♌		
	-3759 Jun 04 j 05:17	0°♍				-3756 Jan 06 j 16:53	0°♏		
	-3759 Jun 30 j 07:48	0°♎		asc. node		-3756 Jan 18 j 04:54	13°♏02'16		
	-3759 Jul 25 j 10:03	0°♐				-3756 Feb 02 j 20:36	0°♋		
asc. node	-3759 Aug 02 j 11:38	9°♐50'03		evening max el		-3756 Feb 15 j 00:29	12°♋17'23	45°24'33	
	-3759 Aug 18 j 20:17	0°♑				-3756 Mar 06 j 09:07	0°♍		
	-3759 Sep 11 j 20:23	0°♒		greatest brilliancy		-3756 Mar 23 j 17:44	10°♍00'19	-4.7m	
	-3759 Oct 05 j 15:38	0°♓		retrograde		-3756 Apr 03 j 12:39	12°♍05'28		
morning set	-3759 Oct 23 j 07:10	22°♓16'07		evening set		-3756 Apr 19 j 02:50	7°♍25'24		
	-3759 Oct 29 j 10:21	0°♐		inferior conj		-3756 Apr 24 j 22:57	3°♍54'47	3°09'29	
desc. node	-3759 Nov 22 j 07:01	29°♐59'48		minimum elong		-3756 Apr 25 j 05:20	3°♍44'50	3°07'48	
	-3759 Nov 22 j 07:05	0°♑		min. Earth dist.		-3756 Apr 25 j 15:11	3°♍29'26	0.29091 AU	
				morning rise		-3756 May 01 j 07:27	0°♍05'57		
superior conj	-3759 Dec 04 j 11:56	15°♑16'55	-0°27'56			-3756 May 01 j 11:47	30°♑♋		
minimum elong	-3759 Dec 04 j 04:42	14°♑54'18	0°27'43	desc. node		-3756 May 09 j 01:15	26°♋42'26		
max. Earth dist.	-3759 Dec 09 j 09:50	21°♑25'15	1.71635 AU	direct		-3756 May 16 j 18:30	25°♋31'36		
	-3759 Dec 16 j 06:48	0°♊		greatest brilliancy		-3756 May 27 j 15:51	27°♋39'05	-4.7m	
	-3758 Jan 09 j 09:40	0°♌				-3756 Jun 01 j 23:06	0°♍		
evening rise	-3758 Jan 14 j 14:22	6°♌26'20		morning max el		-3756 Jul 05 j 02:25	25°♍59'06	46°07'05	
	-3758 Feb 02 j 16:04	0°♏				-3756 Jul 09 j 04:22	0°♎		
	-3758 Feb 27 j 03:06	0°♋				-3756 Aug 06 j 04:04	0°♐		
asc. node	-3758 Mar 15 j 03:01	19°♋27'09		asc. node		-3756 Aug 29 j 23:26	27°♐42'44		
	-3758 Mar 23 j 20:26	0°♍				-3756 Aug 31 j 21:24	0°♑		
	-3758 Apr 17 j 22:14	0°♎				-3756 Sep 25 j 13:18	0°♒		
	-3758 May 13 j 12:04	0°♐				-3756 Oct 19 j 17:04	0°♓		
	-3758 Jun 08 j 22:01	0°♑				-3756 Nov 12 j 16:44	0°♐		
desc. node	-3758 Jul 04 j 22:24	27°♑44'58				-3756 Dec 06 j 16:59	0°♑		
	-3758 Jul 07 j 04:07	0°♒		desc. node		-3756 Dec 19 j 19:15	16°♑18'31		
evening max el	-3758 Jul 11 j 06:54	4°♒03'43	46°32'43			-3756 Dec 30 j 19:42	0°♊		
	-3758 Aug 12 j 07:45	0°♋		morning set		-3755 Jan 08 j 13:09	10°♊49'19		
greatest brilliancy	-3758 Aug 21 j 07:34	4°♋02'15	-4.9m			-3755 Jan 24 j 01:01	0°♌		
retrograde	-3758 Aug 30 j 05:31	5°♋31'36							
evening set	-3758 Sep 16 j 05:41	0°♋02'43		superior conj		-3755 Feb 17 j 01:45	29°♌39'17	-1°23'29	
	-3758 Sep 16 j 07:34	30°♋♒		minimum elong		-3755 Feb 17 j 03:11	29°♌43'41	1°23'38	
inferior conj	-3758 Sep 19 j 21:24	27°♒52'11	-7°42'45			-3755 Feb 17 j 08:29	0°♏		
minimum elong	-3758 Sep 20 j 07:11	27°♒37'23	7°41'02	max. Earth dist.		-3755 Feb 19 j 01:39	2°♏06'50	1.73232 AU	
min. Earth dist.	-3758 Sep 20 j 07:41	27°♒36'39	0.26626 AU			-3755 Mar 13 j 17:48	0°♋		
morning rise	-3758 Sep 24 j 08:28	25°♒13'36		evening rise		-3755 Mar 26 j 10:09	15°♋33'56		
direct	-3758 Oct 10 j 06:40	20°♒14'12				-3755 Apr 07 j 04:55	0°♍		
greatest brilliancy	-3758 Oct 20 j 23:17	22°♒24'30	-4.9m	asc. node		-3755 Apr 11 j 15:16	5°♍25'24		
asc. node	-3758 Oct 25 j 20:00	24°♒38'19				-3755 May 01 j 17:58	0°♎		
	-3758 Nov 03 j 09:35	0°♓				-3755 May 26 j 09:20	0°♐		
morning max el	-3758 Nov 29 j 23:36	23°♓43'59	46°47'14			-3755 Jun 20 j 04:11	0°♑		
	-3758 Dec 06 j 00:50	0°♐				-3755 Jul 15 j 05:10	0°♒		
	-3757 Jan 02 j 05:43	0°♑		desc. node		-3755 Aug 01 j 10:16	20°♒19'21		
	-3757 Jan 28 j 03:41	0°♊				-3755 Aug 09 j 17:39	0°♓		
desc. node	-3757 Feb 14 j 17:03	20°♊40'50				-3755 Sep 05 j 06:04	0°♐		
	-3757 Feb 22 j 13:47	0°♌		evening max el		-3755 Sep 22 j 16:51	18°♐28'35	47°35'01	
	-3757 Mar 19 j 17:19	0°♏				-3755 Oct 04 j 14:13	0°♑		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

greatest brilliancy	-3755 Nov 02 j 09:33	20° \mathbb{M} 09'55	-4.9m	superior conj	-3752 Apr 26 j 05:15	5° Υ 08'01	-0°29'42
retrograde	-3755 Nov 12 j 17:35	22° \mathbb{M} 12'47		minimum elong	-3752 Apr 26 j 10:45	5° Υ 24'55	0°29'26
asc. node	-3755 Nov 22 j 07:37	20° \mathbb{M} 16'45		asc. node	-3752 May 09 j 03:39	21° Υ 01'47	
evening set	-3755 Nov 27 j 06:48	17° \mathbb{M} 53'19			-3752 May 16 j 10:32	0° \mathcal{B}	
min. Earth dist.	-3755 Dec 02 j 10:59	14° \mathbb{M} 47'37	0.26932 AU	evening rise	-3752 May 31 j 21:08	19° \mathcal{B} 02'03	
inferior conj	-3755 Dec 03 j 09:58	14° \mathbb{M} 11'42	2°45'25		-3752 Jun 09 j 18:18	0° \mathbb{I}	
minimum elong	-3755 Dec 03 j 04:13	14° \mathbb{M} 20'41	2°43'36		-3752 Jul 04 j 00:42	0° \mathcal{E}	
morning rise	-3755 Dec 09 j 02:37	10° \mathbb{M} 47'23			-3752 Jul 28 j 07:06	0° \mathcal{Q}	
direct	-3755 Dec 23 j 20:30	6° \mathbb{M} 26'57			-3752 Aug 21 j 15:32	0° \mathbb{P}	
greatest brilliancy	-3754 Jan 01 j 21:19	8° \mathbb{M} 00'20	-4.8m	desc. node	-3752 Aug 28 j 22:21	8° \mathbb{P} 55'58	
	-3754 Feb 03 j 03:53	0° \mathcal{A}			-3752 Sep 15 j 04:31	0° \mathcal{E}	
morning max el	-3754 Feb 11 j 06:04	7° \mathcal{A} 37'26	46°11'10		-3752 Oct 10 j 01:55	0° \mathbb{M}	
	-3754 Mar 05 j 01:03	0° \mathcal{B}			-3752 Nov 04 j 16:44	0° \mathcal{A}	
desc. node	-3754 Mar 14 j 04:32	9° \mathcal{B} 55'16			-3752 Dec 02 j 04:28	0° \mathcal{B}	
	-3754 Apr 01 j 04:07	0° \approx		evening max el	-3752 Dec 02 j 16:57	0° \mathcal{B} 31'47	46°48'05
	-3754 Apr 27 j 04:42	0° \mathcal{H}		asc. node	-3752 Dec 19 j 19:19	16° \mathcal{B} 40'27	
	-3754 May 22 j 13:22	0° Υ			-3751 Jan 08 j 01:27	0° \approx	
	-3754 Jun 16 j 09:54	0° \mathcal{B}		greatest brilliancy	-3751 Jan 11 j 09:44	1° \approx 28'14	-4.8m
asc. node	-3754 Jul 05 j 01:51	22° \mathcal{B} 52'34		retrograde	-3751 Jan 22 j 05:28	3° \approx 41'10	
	-3754 Jul 10 j 20:15	0° \mathbb{I}			-3751 Feb 04 j 17:28	30° \mathcal{R} \mathcal{B}	
	-3754 Aug 03 j 22:27	0° \mathcal{E}		evening set	-3751 Feb 09 j 00:09	27° \mathcal{B} 32'46	
morning set	-3754 Aug 07 j 03:28	4° \mathcal{E} 01'16		min. Earth dist.	-3751 Feb 12 j 04:20	25° \mathcal{B} 32'22	0.28974 AU
	-3754 Aug 27 j 19:18	0° \mathcal{Q}		inferior conj	-3751 Feb 12 j 13:36	25° \mathcal{B} 17'31	8°19'11
				minimum elong	-3751 Feb 12 j 13:25	25° \mathcal{B} 17'48	8°19'03
superior conj	-3754 Sep 14 j 21:22	22° \mathcal{Q} 49'08	1°15'37	morning rise	-3751 Feb 16 j 02:53	23° \mathcal{B} 02'43	
minimum elong	-3754 Sep 15 j 05:58	23° \mathcal{Q} 16'15	1°15'31	direct	-3751 Mar 05 j 22:14	16° \mathcal{B} 58'20	
max. Earth dist.	-3754 Sep 14 j 17:24	22° \mathcal{Q} 36'36	1.70940 AU	greatest brilliancy	-3751 Mar 15 j 05:19	18° \mathcal{B} 32'37	-4.7m
	-3754 Sep 20 j 13:58	0° \mathbb{P}			-3751 Apr 04 j 09:00	0° \approx	
	-3754 Oct 14 j 09:11	0° \mathcal{E}		desc. node	-3751 Apr 10 j 15:57	5° \approx 00'46	
desc. node	-3754 Oct 24 j 20:53	13° \mathcal{E} 10'56		morning max el	-3751 Apr 23 j 16:08	16° \approx 40'50	45°48'38
evening rise	-3754 Oct 26 j 14:29	15° \mathcal{E} 21'31			-3751 May 07 j 02:08	0° \mathcal{H}	
	-3754 Nov 07 j 06:42	0° \mathbb{M}			-3751 Jun 03 j 20:01	0° Υ	
	-3754 Dec 01 j 07:26	0° \mathcal{A}			-3751 Jun 29 j 20:48	0° \mathcal{B}	
	-3754 Dec 25 j 12:29	0° \mathcal{B}			-3751 Jul 24 j 22:13	0° \mathbb{I}	
	-3753 Jan 19 j 00:13	0° \approx		asc. node	-3751 Aug 01 j 13:46	9° \mathbb{I} 19'51	
	-3753 Feb 12 j 23:07	0° \mathcal{H}			-3751 Aug 18 j 08:00	0° \mathcal{E}	
asc. node	-3753 Feb 14 j 16:54	2° \mathcal{H} 03'50			-3751 Sep 11 j 07:54	0° \mathcal{Q}	
	-3753 Mar 10 j 16:46	0° Υ			-3751 Oct 05 j 03:06	0° \mathbb{P}	
	-3753 Apr 06 j 20:42	0° \mathcal{B}		morning set	-3751 Oct 20 j 17:20	19° \mathbb{P} 40'40	
evening max el	-3753 Apr 26 j 23:15	20° \mathcal{B} 18'16	45°15'27		-3751 Oct 28 j 21:48	0° \mathcal{E}	
	-3753 May 07 j 16:04	0° \mathbb{I}		desc. node	-3751 Nov 21 j 09:13	29° \mathcal{E} 30'53	
greatest brilliancy	-3753 Jun 04 j 08:17	17° \mathbb{I} 50'27	-4.7m		-3751 Nov 21 j 18:30	0° \mathbb{M}	
desc. node	-3753 Jun 06 j 12:55	18° \mathbb{I} 31'38		superior conj	-3751 Dec 01 j 21:03	12° \mathbb{M} 39'44	-0°24'10
retrograde	-3753 Jun 14 j 11:03	19° \mathbb{I} 40'00		minimum elong	-3751 Dec 01 j 14:41	12° \mathbb{M} 19'48	0°23'58
evening set	-3753 Jun 30 j 03:34	15° \mathbb{I} 04'00		max. Earth dist.	-3751 Dec 06 j 15:44	18° \mathbb{M} 38'16	1.71582 AU
inferior conj	-3753 Jul 05 j 15:44	11° \mathbb{I} 49'56	-6°14'44		-3751 Dec 15 j 18:10	0° \mathcal{A}	
minimum elong	-3753 Jul 05 j 05:23	12° \mathbb{I} 05'42	6°12'25		-3750 Jan 08 j 20:59	0° \mathcal{B}	
min. Earth dist.	-3753 Jul 05 j 23:28	11° \mathbb{I} 38'08	0.27968 AU	evening rise	-3750 Jan 12 j 02:43	4° \mathcal{B} 00'54	
morning rise	-3753 Jul 10 j 06:42	9° \mathbb{I} 04'06			-3750 Feb 02 j 03:25	0° \approx	
direct	-3753 Jul 26 j 23:20	3° \mathbb{I} 48'56			-3750 Feb 26 j 14:37	0° \mathcal{H}	
greatest brilliancy	-3753 Aug 07 j 00:05	6° \mathbb{I} 01'45	-4.8m		-3750 Mar 14 j 05:05	18° \mathcal{H} 57'57	
	-3753 Sep 08 j 22:44	0° \mathcal{E}		asc. node	-3750 Mar 23 j 08:20	0° Υ	
morning max el	-3753 Sep 15 j 07:31	6° \mathcal{E} 16'39	46°43'51		-3750 Apr 17 j 10:50	0° \mathcal{B}	
asc. node	-3753 Sep 27 j 10:49	19° \mathcal{E} 01'59			-3750 May 13 j 01:55	0° \mathbb{I}	
	-3753 Oct 07 j 08:22	0° \mathcal{Q}			-3750 Jun 08 j 14:22	0° \mathcal{E}	
	-3753 Nov 02 j 01:53	0° \mathbb{P}		desc. node	-3750 Jul 04 j 00:35	26° \mathcal{E} 55'23	
	-3753 Nov 26 j 21:46	0° \mathcal{E}			-3750 Jul 07 j 02:56	0° \mathcal{Q}	
	-3753 Dec 21 j 10:55	0° \mathbb{M}		evening max el	-3750 Jul 08 j 20:12	1° \mathcal{Q} 40'54	46°29'42
desc. node	-3752 Jan 14 j 23:10	0° \mathcal{A}			-3750 Aug 14 j 17:32	0° \mathbb{P}	
	-3752 Jan 17 j 07:18	2° \mathcal{A} 51'43		greatest brilliancy	-3750 Aug 18 j 18:39	1° \mathbb{P} 32'51	-4.9m
	-3752 Feb 08 j 12:00	0° \mathcal{B}		retrograde	-3750 Aug 27 j 17:56	3° \mathbb{P} 03'02	
	-3752 Mar 04 j 01:03	0° \approx			-3750 Sep 09 j 03:26	30° \mathcal{R} \mathcal{Q}	
morning set	-3752 Mar 21 j 01:16	20° \approx 48'19		evening set	-3750 Sep 13 j 20:58	27° \mathcal{Q} 29'13	
	-3752 Mar 28 j 13:34	0° \mathcal{H}		inferior conj	-3750 Sep 17 j 09:35	25° \mathcal{Q} 23'17	-7°54'31
	-3752 Apr 22 j 00:54	0° Υ		minimum elong	-3750 Sep 17 j 18:55	25° \mathcal{Q} 09'11	7°52'59
max. Earth dist.	-3752 Apr 24 j 03:43	2° Υ 36'00	1.73683 AU	min. Earth dist.	-3750 Sep 17 j 19:51	25° \mathcal{Q} 07'45	0.26668 AU

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

morning rise	-3750 Sep 21 j 16:41	22°Ω50'38		evening rise	-3747 Mar 24 j 03:45	13°⋈26'50	
direct	-3750 Oct 07 j 20:01	17°Ω44'45			-3747 Apr 06 j 16:00	0°Υ	
greatest brilliancy	-3750 Oct 18 j 12:24	19°Ω55'24	-4.9m	asc. node	-3747 Apr 10 j 17:28	4°Υ58'05	
asc. node	-3750 Oct 24 j 22:18	23°Ω00'10			-3747 May 01 j 05:17	0°♄	
	-3750 Nov 04 j 06:40	0°♍			-3747 May 25 j 21:05	0°♂	
morning max el	-3750 Nov 27 j 14:12	21°♍19'47	46°47'52		-3747 Jun 19 j 16:37	0°♄	
	-3750 Dec 05 j 21:44	0°♊			-3747 Jul 14 j 18:38	0°♊	
	-3749 Jan 01 j 21:46	0°♋		desc. node	-3747 Jul 31 j 12:16	19°♊42'58	
	-3749 Jan 27 j 17:37	0°♌			-3747 Aug 09 j 08:48	0°♍	
desc. node	-3749 Feb 13 j 19:04	20°♌08'05			-3747 Sep 05 j 00:41	0°♊	
	-3749 Feb 22 j 02:32	0°♋		evening max el	-3747 Sep 20 j 07:49	16°♊06'28	47°34'40
	-3749 Mar 19 j 05:19	0°♌			-3747 Oct 04 j 20:23	0°♋	
	-3749 Apr 13 j 03:08	0°♌		greatest brilliancy	-3747 Oct 31 j 01:10	17°♋45'42	-4.9m
	-3749 May 07 j 19:58	0°Υ		retrograde	-3747 Nov 10 j 07:22	19°♋46'35	
morning set	-3749 May 27 j 22:20	24°Υ36'36		asc. node	-3747 Nov 21 j 09:45	17°♋12'50	
	-3749 Jun 01 j 07:30	0°♄		evening set	-3747 Nov 24 j 19:54	15°♋29'18	
asc. node	-3749 Jun 06 j 15:53	6°♄35'33		min. Earth dist.	-3747 Nov 30 j 01:39	12°♋21'23	0.26868 AU
	-3749 Jun 25 j 13:44	0°♂		inferior conj	-3747 Nov 30 j 23:38	11°♋47'01	2°23'48
max. Earth dist.	-3749 Jun 28 j 19:39	4°♂02'02	1.72488 AU	minimum elong	-3747 Nov 30 j 18:34	11°♋54'57	2°22'09
				morning rise	-3747 Dec 06 j 18:09	8°♋20'05	
superior conj	-3749 Jul 03 j 03:30	9°♂24'58	0°56'54	direct	-3747 Dec 21 j 09:37	4°♋03'34	
minimum elong	-3749 Jul 02 j 18:46	8°♂57'49	0°56'44	greatest brilliancy	-3747 Dec 30 j 11:39	5°♋37'48	-4.8m
	-3749 Jul 19 j 15:29	0°♄			-3746 Feb 03 j 06:28	0°♌	
evening rise	-3749 Aug 08 j 23:55	25°♄28'31		morning max el	-3746 Feb 08 j 19:08	5°♌16'13	46°12'16
	-3749 Aug 12 j 14:33	0°♊			-3746 Mar 04 j 18:13	0°♋	
	-3749 Sep 05 j 13:11	0°♍		desc. node	-3746 Mar 13 j 06:42	9°♋17'37	
desc. node	-3749 Sep 26 j 10:40	26°♍07'08			-3746 Mar 31 j 18:14	0°♌	
	-3749 Sep 29 j 13:21	0°♊			-3746 Apr 26 j 17:21	0°♌	
	-3749 Oct 23 j 16:36	0°♋			-3746 May 22 j 01:13	0°Υ	
	-3749 Nov 17 j 00:58	0°♌			-3746 Jun 15 j 21:18	0°♄	
	-3749 Dec 11 j 18:46	0°♋		asc. node	-3746 Jul 04 j 03:54	22°♋24'16	
	-3748 Jan 06 j 07:39	0°♌			-3746 Jul 10 j 07:25	0°♂	
asc. node	-3748 Jan 17 j 06:59	12°♌23'41			-3746 Aug 03 j 09:33	0°♄	
	-3748 Feb 02 j 15:25	0°♌		morning set	-3746 Aug 04 j 18:06	1°♄41'56	
evening max el	-3748 Feb 12 j 16:55	10°♌07'01	45°26'27		-3746 Aug 27 j 06:24	0°♊	
	-3748 Mar 07 j 01:05	0°Υ					
greatest brilliancy	-3748 Mar 21 j 10:10	7°Υ52'08	-4.7m	superior conj	-3746 Sep 12 j 09:14	20°♊19'58	1°17'11
retrograde	-3748 Apr 01 j 05:09	9°Υ57'09		minimum elong	-3746 Sep 12 j 17:09	20°♊44'58	1°17'08
evening set	-3748 Apr 16 j 21:25	5°Υ14'13		max. Earth dist.	-3746 Sep 11 j 19:21	19°♊36'10	1.70964 AU
inferior conj	-3748 Apr 22 j 15:28	1°Υ45'51	3°26'58		-3746 Sep 20 j 01:07	0°♍	
minimum elong	-3748 Apr 22 j 22:18	1°Υ35'08	3°25'12		-3746 Oct 13 j 20:24	0°♊	
min. Earth dist.	-3748 Apr 23 j 07:21	1°Υ20'59	0.29118 AU	evening rise	-3746 Oct 23 j 23:05	12°♊42'31	
	-3748 Apr 25 j 11:36	30°♌		desc. node	-3746 Oct 23 j 23:05	12°♊42'32	
morning rise	-3748 Apr 28 j 22:55	27°♌58'07			-3746 Nov 06 j 17:59	0°♋	
desc. node	-3748 May 08 j 03:27	24°♌10'00			-3746 Nov 30 j 18:47	0°♌	
direct	-3748 May 14 j 11:42	23°♌22'25			-3746 Dec 24 j 23:58	0°♋	
greatest brilliancy	-3748 May 25 j 06:58	25°♌28'12	-4.7m		-3745 Jan 18 j 12:01	0°♌	
	-3748 Jun 03 j 13:03	0°Υ			-3745 Feb 12 j 11:37	0°♌	
morning max el	-3748 Jul 02 j 18:22	23°Υ47'07	46°05'51	asc. node	-3745 Feb 13 j 18:58	1°♌32'45	
	-3748 Jul 09 j 01:00	0°♄			-3745 Mar 10 j 06:45	0°Υ	
	-3748 Aug 05 j 19:29	0°♂			-3745 Apr 06 j 14:13	0°♄	
asc. node	-3748 Aug 29 j 01:27	27°♂08'12		evening max el	-3745 Apr 24 j 13:00	18°♄01'55	45°14'08
	-3748 Aug 31 j 10:52	0°♄			-3745 May 07 j 22:35	0°♂	
	-3748 Sep 25 j 01:51	0°♊		greatest brilliancy	-3745 Jun 01 j 21:19	15°♂33'31	-4.7m
	-3748 Oct 19 j 05:05	0°♍		desc. node	-3745 Jun 05 j 15:03	16°♂38'42	
	-3748 Nov 12 j 04:26	0°♊		retrograde	-3745 Jun 12 j 00:51	17°♂24'08	
	-3748 Dec 06 j 04:27	0°♋		evening set	-3745 Jun 27 j 14:48	12°♂51'25	
desc. node	-3748 Dec 18 j 21:20	15°♋49'36		inferior conj	-3745 Jul 03 j 06:04	9°♂33'24	-5°58'56
	-3748 Dec 30 j 07:00	0°♌		minimum elong	-3745 Jul 02 j 19:46	9°♂49'05	5°56'32
morning set	-3747 Jan 06 j 00:55	8°♌22'11		min. Earth dist.	-3745 Jul 03 j 14:13	9°♂20'59	0.28013 AU
	-3747 Jan 23 j 12:11	0°♋		morning rise	-3745 Jul 08 j 00:10	6°♂43'08	
				direct	-3745 Jul 24 j 13:46	1°♂31'17	
superior conj	-3747 Feb 14 j 17:05	27°♋24'29	-1°23'42	greatest brilliancy	-3745 Aug 04 j 16:07	3°♂45'18	-4.8m
minimum elong	-3747 Feb 14 j 17:45	27°♋26'31	1°23'50		-3745 Sep 08 j 23:23	0°♄	
	-3747 Feb 16 j 19:33	0°♌		morning max el	-3745 Sep 12 j 21:12	3°♄53'15	46°42'56
max. Earth dist.	-3747 Feb 16 j 22:17	0°♌08'25	1.73191 AU	asc. node	-3745 Sep 26 j 13:07	18°♄17'24	
	-3747 Mar 13 j 04:49	0°♌			-3745 Oct 07 j 01:13	0°♊	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3745 Nov 01 j 16:08	0°♎			-3742 Jun 08 j 06:39	0°♏		
	-3745 Nov 26 j 10:44	0°♏		desc. node	-3742 Jul 03 j 02:34	26°♏05'09		
	-3745 Dec 20 j 23:08	0°♎		evening max el	-3742 Jul 06 j 10:02	29°♏20'14	46°26'24	
	-3744 Jan 14 j 10:50	0°♏			-3742 Jul 07 j 02:27	0°♏		
desc. node	-3744 Jan 16 j 09:19	2°♏22'19		greatest brilliancy	-3742 Aug 16 j 05:27	29°♏03'40	-4.9m	
	-3744 Feb 07 j 23:15	0°♏			-3742 Aug 19 j 18:35	0°♎		
	-3744 Mar 03 j 12:00	0°♏		retrograde	-3742 Aug 25 j 06:10	0°♎34'28		
morning set	-3744 Mar 18 j 19:01	18°♏42'38			-3742 Aug 30 j 14:15	30°♏♏		
	-3744 Mar 28 j 00:20	0°♏		evening set	-3742 Sep 11 j 11:57	24°♏56'15		
	-3744 Apr 21 j 11:37	0°♎		inferior conj	-3742 Sep 14 j 21:32	22°♏54'35	-8°05'26	
max. Earth dist.	-3744 Apr 22 j 01:09	0°♎41'33	1.73702 AU	minimum elong	-3742 Sep 15 j 06:20	22°♏41'18	8°04'07	
				min. Earth dist.	-3742 Sep 15 j 07:41	22°♏39'16	0.26707 AU	
superior conj	-3744 Apr 24 j 00:17	3°♎06'11	-0°32'30	morning rise	-3742 Sep 19 j 00:34	20°♏27'51		
minimum elong	-3744 Apr 24 j 06:15	3°♎24'29	0°32'15	direct	-3742 Oct 05 j 09:18	15°♏15'48		
asc. node	-3744 May 08 j 05:48	20°♎35'21		greatest brilliancy	-3742 Oct 16 j 00:52	17°♏25'59	-4.9m	
	-3744 May 15 j 21:19	0°♏		asc. node	-3742 Oct 24 j 00:24	21°♏25'49		
evening rise	-3744 May 29 j 16:32	17°♏00'27			-3742 Nov 04 j 22:05	0°♎		
	-3744 Jun 09 j 05:14	0°♏		morning max el	-3742 Nov 25 j 04:07	18°♎54'43	46°48'32	
	-3744 Jul 03 j 11:53	0°♏			-3742 Dec 05 j 17:38	0°♏		
	-3744 Jul 27 j 18:39	0°♏			-3741 Jan 01 j 13:11	0°♎		
	-3744 Aug 21 j 03:37	0°♎			-3741 Jan 27 j 07:02	0°♏		
desc. node	-3744 Aug 28 j 00:30	8°♎25'05		desc. node	-3741 Feb 12 j 21:11	19°♏36'56		
	-3744 Sep 14 j 17:19	0°♏			-3741 Feb 21 j 14:49	0°♏		
	-3744 Oct 09 j 15:48	0°♎			-3741 Mar 18 j 16:53	0°♏		
	-3744 Nov 04 j 08:41	0°♏			-3741 Apr 12 j 14:14	0°♏		
evening max el	-3744 Nov 30 j 08:07	28°♏13'49	46°51'12		-3741 May 07 j 06:47	0°♎		
	-3744 Dec 02 j 02:05	0°♏		morning set	-3741 May 25 j 17:21	22°♎34'45		
asc. node	-3744 Dec 18 j 21:25	15°♏37'58			-3741 May 31 j 18:11	0°♏		
greatest brilliancy	-3743 Jan 09 j 02:12	29°♏16'16	-4.8m	asc. node	-3741 Jun 05 j 17:57	6°♏09'00		
	-3743 Jan 11 j 02:42	0°♏			-3741 Jun 25 j 00:24	0°♏		
retrograde	-3743 Jan 19 j 22:44	1°♏30'23		max. Earth dist.	-3741 Jun 26 j 12:22	1°♏51'40	1.72550 AU	
	-3743 Jan 28 j 11:07	30°♏♏						
evening set	-3743 Feb 06 j 16:07	25°♏22'44		superior conj	-3741 Jun 30 j 21:22	7°♏17'57	0°54'31	
inferior conj	-3743 Feb 10 j 06:15	23°♏06'40	8°19'11	minimum elong	-3741 Jun 30 j 12:47	6°♏51'14	0°54'20	
minimum elong	-3743 Feb 10 j 05:21	23°♏08'06	8°19'02		-3741 Jul 19 j 02:16	0°♏		
min. Earth dist.	-3743 Feb 09 j 19:34	23°♏23'46	0.28926 AU	evening rise	-3741 Aug 06 j 14:58	23°♏10'58		
morning rise	-3743 Feb 13 j 18:48	20°♏53'14			-3741 Aug 12 j 01:33	0°♏		
direct	-3743 Mar 03 j 13:54	14°♏48'10			-3741 Sep 05 j 00:25	0°♎		
greatest brilliancy	-3743 Mar 12 j 20:06	16°♏22'02	-4.7m	desc. node	-3741 Sep 25 j 12:50	25°♎38'18		
	-3743 Apr 04 j 19:42	0°♏			-3741 Sep 29 j 00:49	0°♏		
desc. node	-3743 Apr 09 j 18:09	4°♏03'46			-3741 Oct 23 j 04:22	0°♎		
morning max el	-3743 Apr 21 j 08:38	14°♏32'57	45°48'46		-3741 Nov 16 j 13:10	0°♏		
	-3743 May 06 j 20:08	0°♏			-3741 Dec 11 j 07:45	0°♏		
	-3743 Jun 03 j 10:14	0°♎			-3740 Jan 05 j 22:16	0°♏		
	-3743 Jun 29 j 09:27	0°♏		asc. node	-3740 Jan 16 j 09:04	11°♏45'46		
	-3743 Jul 24 j 10:05	0°♏			-3740 Feb 02 j 10:18	0°♏		
asc. node	-3743 Jul 31 j 15:51	8°♏50'22		evening max el	-3740 Feb 10 j 08:51	7°♏56'29	45°28'27	
	-3743 Aug 17 j 19:28	0°♏			-3740 Mar 07 j 21:46	0°♎		
	-3743 Sep 10 j 19:09	0°♏		greatest brilliancy	-3740 Mar 19 j 03:30	5°♎46'28	-4.7m	
	-3743 Oct 04 j 14:15	0°♎		retrograde	-3740 Mar 29 j 21:35	7°♎50'43		
morning set	-3743 Oct 18 j 03:32	17°♎06'25		evening set	-3740 Apr 14 j 16:20	3°♎04'52		
	-3743 Oct 28 j 08:54	0°♏			-3740 Apr 19 j 18:52	30°♏♏		
desc. node	-3743 Nov 20 j 11:14	29°♏02'33		inferior conj	-3740 Apr 20 j 08:17	29°♏38'56	3°44'03	
	-3743 Nov 21 j 05:34	0°♎		minimum elong	-3740 Apr 20 j 15:32	29°♏27'33	3°42'13	
				min. Earth dist.	-3740 Apr 21 j 00:01	29°♏14'14	0.29140 AU	
superior conj	-3743 Nov 29 j 06:03	10°♎03'07	-0°20'20	morning rise	-3740 Apr 26 j 14:29	25°♏52'24		
minimum elong	-3743 Nov 29 j 00:37	9°♎46'04	0°20'09	desc. node	-3740 May 07 j 05:29	21°♏44'16		
max. Earth dist.	-3743 Dec 03 j 23:53	15°♎59'13	1.71531 AU	direct	-3740 May 12 j 04:39	21°♏15'20		
	-3743 Dec 15 j 05:10	0°♏		greatest brilliancy	-3740 May 22 j 22:31	23°♏19'32	-4.7m	
	-3742 Jan 08 j 07:57	0°♏			-3740 Jun 04 j 14:49	0°♎		
evening rise	-3742 Jan 09 j 15:06	1°♏36'35		morning max el	-3740 Jun 30 j 09:36	21°♎34'50	46°04'38	
	-3742 Feb 01 j 14:24	0°♏			-3740 Jul 08 j 20:27	0°♏		
	-3742 Feb 26 j 01:45	0°♏			-3740 Aug 05 j 10:18	0°♏		
asc. node	-3742 Mar 13 j 07:21	18°♏30'38		asc. node	-3740 Aug 28 j 03:44	26°♏35'33		
	-3742 Mar 22 j 19:48	0°♎			-3740 Aug 30 j 23:57	0°♏		
	-3742 Apr 16 j 23:01	0°♏			-3740 Sep 24 j 14:07	0°♏		
	-3742 May 12 j 15:28	0°♏			-3740 Oct 18 j 16:55	0°♎		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3740 Nov 11 j 15:58	0°♊		retrograde	-3737 Jun 09 j 15:24	15°♊09'13	
	-3740 Dec 05 j 15:45	0°♋		evening set	-3737 Jun 25 j 02:29	10°♊39'24	
desc. node	-3740 Dec 17 j 23:24	15°♋21'09		inferior conj	-3737 Jun 30 j 20:35	7°♊17'39	-5°42'41
	-3740 Dec 29 j 18:06	0°♌		minimum elong	-3737 Jun 30 j 10:25	7°♊33'05	5°40'14
morning set	-3739 Jan 03 j 12:19	5°♌54'27		min. Earth dist.	-3737 Jul 01 j 04:52	7°♊05'03	0.28055 AU
	-3739 Jan 22 j 23:07	0°♍		morning rise	-3737 Jul 05 j 17:48	4°♊23'09	
					-3737 Jul 16 j 00:52	30°♋♌	
superior conj	-3739 Feb 12 j 08:17	25°♌10'00	-1°23'45	direct	-3737 Jul 22 j 04:48	29°♌14'30	
minimum elong	-3739 Feb 12 j 08:08	25°♌09'32	1°23'54		-3737 Jul 28 j 13:02	0°♊	
max. Earth dist.	-3739 Feb 14 j 18:25	28°♌09'10	1.73145 AU	greatest brilliancy	-3737 Aug 02 j 07:47	1°♊29'17	-4.8m
	-3739 Feb 16 j 06:23	0°♎			-3737 Sep 08 j 22:45	0°♌	
	-3739 Mar 12 j 15:37	0°♏		morning max el	-3737 Sep 10 j 12:04	1°♌33'31	46°42'02
evening rise	-3739 Mar 21 j 21:22	11°♏20'31		asc. node	-3737 Sep 25 j 15:12	17°♌33'11	
	-3739 Apr 06 j 02:52	0°♐			-3737 Oct 06 j 17:38	0°♍	
asc. node	-3739 Apr 09 j 19:34	4°♐31'16			-3737 Nov 01 j 06:10	0°♎	
	-3739 Apr 30 j 16:22	0°♑			-3737 Nov 25 j 23:39	0°♏	
	-3739 May 25 j 08:35	0°♒			-3737 Dec 20 j 11:23	0°♐	
	-3739 Jun 19 j 04:47	0°♓			-3736 Jan 13 j 22:37	0°♑	
	-3739 Jul 14 j 07:51	0°♑		desc. node	-3736 Jan 15 j 11:28	1°♑52'52	
desc. node	-3739 Jul 30 j 14:26	19°♑07'41			-3736 Feb 07 j 10:40	0°♒	
	-3739 Aug 08 j 23:51	0°♓			-3736 Mar 02 j 23:07	0°♎	
	-3739 Sep 04 j 19:36	0°♏		morning set	-3736 Mar 16 j 12:15	16°♎34'46	
evening max el	-3739 Sep 17 j 21:32	13°♏41'24	47°33'50		-3736 Mar 27 j 11:16	0°♏	
	-3739 Oct 05 j 04:54	0°♐		max. Earth dist.	-3736 Apr 20 j 00:04	28°♏51'12	1.73714 AU
greatest brilliancy	-3739 Oct 28 j 16:48	15°♐20'38	-4.9m		-3736 Apr 20 j 22:29	0°♐	
retrograde	-3739 Nov 07 j 20:26	17°♐19'16					
asc. node	-3739 Nov 20 j 11:50	14°♐02'36		superior conj	-3736 Apr 21 j 18:58	1°♐02'53	-0°35'19
evening set	-3739 Nov 22 j 08:47	13°♐03'38		minimum elong	-3736 Apr 22 j 01:22	1°♐22'31	0°35'02
min. Earth dist.	-3739 Nov 27 j 16:20	9°♐53'23	0.26809 AU	asc. node	-3736 May 07 j 07:48	20°♐08'04	
inferior conj	-3739 Nov 28 j 12:56	9°♐21'13	2°01'25		-3736 May 15 j 08:13	0°♑	
minimum elong	-3739 Nov 28 j 08:36	9°♐27'59	1°59'59	evening rise	-3736 May 27 j 11:54	14°♑58'25	
morning rise	-3739 Dec 04 j 09:14	5°♐51'47			-3736 Jun 08 j 16:18	0°♒	
direct	-3739 Dec 18 j 21:55	1°♐38'43			-3736 Jul 02 j 23:12	0°♓	
greatest brilliancy	-3739 Dec 28 j 02:14	3°♐14'32	-4.9m		-3736 Jul 27 j 06:21	0°♑	
	-3738 Feb 03 j 07:45	0°♑			-3736 Aug 20 j 15:49	0°♓	
morning max el	-3738 Feb 06 j 07:42	2°♑53'23	46°13'40	desc. node	-3736 Aug 27 j 02:40	7°♓53'56	
	-3738 Mar 04 j 11:00	0°♒			-3736 Sep 14 j 06:14	0°♏	
desc. node	-3738 Mar 12 j 08:57	8°♒40'40			-3736 Oct 09 j 05:52	0°♐	
	-3738 Mar 31 j 08:05	0°♓			-3736 Nov 04 j 00:59	0°♑	
	-3738 Apr 26 j 05:48	0°♏		evening max el	-3736 Nov 28 j 00:03	25°♑57'16	46°54'02
	-3738 May 21 j 12:52	0°♐			-3736 Dec 02 j 00:43	0°♒	
	-3738 Jun 15 j 08:32	0°♑		asc. node	-3736 Dec 17 j 23:32	14°♒33'07	
asc. node	-3738 Jul 03 j 06:02	21°♑56'47		greatest brilliancy	-3735 Jan 06 j 18:10	27°♒02'25	-4.8m
	-3738 Jul 09 j 18:26	0°♒		retrograde	-3735 Jan 17 j 15:59	29°♒17'49	
morning set	-3738 Aug 02 j 09:22	29°♒25'11		evening set	-3735 Feb 04 j 07:34	23°♒11'25	
	-3738 Aug 02 j 20:29	0°♓		inferior conj	-3735 Feb 07 j 22:37	20°♒53'59	8°18'22
	-3738 Aug 26 j 17:21	0°♑		minimum elong	-3735 Feb 07 j 21:02	20°♒56'32	8°18'11
max. Earth dist.	-3738 Sep 09 j 02:19	16°♑52'03	1.70995 AU	min. Earth dist.	-3735 Feb 07 j 10:18	21°♒13'41	0.28878 AU
				morning rise	-3735 Feb 11 j 10:45	18°♒41'27	
superior conj	-3738 Sep 09 j 21:38	17°♑53'00	1°18'34	direct	-3735 Mar 01 j 05:54	12°♒36'19	
minimum elong	-3738 Sep 10 j 04:51	18°♑15'46	1°18'33	greatest brilliancy	-3735 Mar 10 j 10:12	14°♒09'12	-4.7m
	-3738 Sep 19 j 12:08	0°♓			-3735 Apr 05 j 04:07	0°♓	
	-3738 Oct 13 j 07:33	0°♏		desc. node	-3735 Apr 08 j 20:09	3°♓06'22	
evening rise	-3738 Oct 21 j 07:55	10°♏04'26		morning max el	-3735 Apr 19 j 01:18	12°♓24'28	45°48'57
desc. node	-3738 Oct 23 j 01:06	12°♏13'44			-3735 May 06 j 14:06	0°♏	
	-3738 Nov 06 j 05:15	0°♐			-3735 Jun 03 j 00:34	0°♐	
	-3738 Nov 30 j 06:11	0°♑			-3735 Jun 28 j 22:15	0°♑	
	-3738 Dec 24 j 11:32	0°♒			-3735 Jul 23 j 22:07	0°♒	
	-3737 Jan 17 j 23:56	0°♓		asc. node	-3735 Jul 30 j 18:02	8°♒20'36	
	-3737 Feb 12 j 00:15	0°♏			-3735 Aug 17 j 07:05	0°♓	
asc. node	-3737 Feb 12 j 21:12	1°♏01'56			-3735 Sep 10 j 06:35	0°♑	
	-3737 Mar 09 j 20:56	0°♐			-3735 Oct 04 j 01:36	0°♓	
	-3737 Apr 06 j 08:07	0°♑		morning set	-3735 Oct 15 j 14:17	14°♓33'16	
evening max el	-3737 Apr 22 j 03:23	15°♑47'26	45°13'06		-3735 Oct 27 j 20:11	0°♏	
	-3737 May 08 j 07:27	0°♒		desc. node	-3735 Nov 19 j 13:19	28°♏33'51	
greatest brilliancy	-3737 May 30 j 10:06	13°♒16'58	-4.7m		-3735 Nov 20 j 16:47	0°♐	
desc. node	-3737 Jun 04 j 17:08	14°♒42'00					

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3735 Nov 26 j 15:23	7°♌26'54	-0°16'27	morning rise	-3732 Apr 24 j 05:51	23°♋45'44	
minimum elong	-3735 Nov 26 j 10:55	7°♌12'54	0°16'20	desc. node	-3732 May 06 j 07:37	19°♋21'39	
behind sun begin	-3735 Nov 26 j 10:22	7°♌11'11		direct	-3732 May 09 j 21:03	19°♋06'52	
behind sun end	-3735 Nov 26 j 11:28	7°♌14'38		greatest brilliancy	-3732 May 20 j 14:41	21°♋10'13	-4.7m
max. Earth dist.	-3735 Dec 01 j 11:16	13°♌29'39	1.71481 AU		-3732 Jun 05 j 10:26	0°♍	
	-3735 Dec 14 j 16:21	0°♌		morning max el	-3732 Jun 28 j 00:32	19°♍20'30	46°03'29
evening rise	-3734 Jan 07 j 03:35	29°♌11'50			-3732 Jul 08 j 15:53	0°♎	
	-3734 Jan 07 j 19:07	0°♌			-3732 Aug 05 j 01:22	0°♎	
	-3734 Feb 01 j 01:39	0°♌		asc. node	-3732 Aug 27 j 05:48	26°♎01'21	
	-3734 Feb 25 j 13:12	0°♌			-3732 Aug 30 j 13:18	0°♎	
asc. node	-3734 Mar 12 j 09:22	18°♌01'31			-3732 Sep 24 j 02:38	0°♎	
	-3734 Mar 22 j 07:40	0°♍			-3732 Oct 18 j 04:58	0°♏	
	-3734 Apr 16 j 11:38	0°♎			-3732 Nov 11 j 03:44	0°♏	
	-3734 May 12 j 05:30	0°♎			-3732 Dec 05 j 03:18	0°♏	
	-3734 Jun 07 j 23:35	0°♏		desc. node	-3732 Dec 17 j 01:32	14°♏52'04	
desc. node	-3734 Jul 02 j 04:46	25°♏13'40			-3732 Dec 29 j 05:29	0°♐	
evening max el	-3734 Jul 03 j 23:48	26°♏58'39	46°23'11	morning set	-3732 Dec 31 j 23:36	3°♐25'18	
	-3734 Jul 07 j 03:27	0°♑			-3731 Jan 22 j 10:21	0°♑	
greatest brilliancy	-3734 Aug 13 j 16:47	26°♑34'44	-4.9m				
retrograde	-3734 Aug 22 j 18:05	28°♑05'23		superior conj	-3731 Feb 09 j 23:29	22°♑54'39	-1°23'40
evening set	-3734 Sep 09 j 02:57	22°♑23'13		minimum elong	-3731 Feb 09 j 22:32	22°♑51'42	1°23'49
inferior conj	-3734 Sep 12 j 09:37	20°♑25'33	-8°15'25	max. Earth dist.	-3731 Feb 12 j 13:04	26°♑04'31	1.73094 AU
minimum elong	-3734 Sep 12 j 17:48	20°♑13'10	8°14'16		-3731 Feb 15 j 17:28	0°♒	
min. Earth dist.	-3734 Sep 12 j 19:47	20°♑10'10	0.26745 AU		-3731 Mar 12 j 02:39	0°♒	
morning rise	-3734 Sep 16 j 08:33	18°♑04'30		evening rise	-3731 Mar 19 j 14:58	9°♒13'17	
direct	-3734 Oct 02 j 22:22	12°♑46'30			-3731 Apr 05 j 14:00	0°♓	
greatest brilliancy	-3734 Oct 13 j 13:35	14°♑56'06	-4.9m	asc. node	-3731 Apr 08 j 21:37	4°♓03'24	
asc. node	-3734 Oct 23 j 02:27	19°♑53'59			-3731 Apr 30 j 03:46	0°♓	
	-3734 Nov 05 j 09:58	0°♑			-3731 May 24 j 20:27	0°♓	
morning max el	-3734 Nov 22 j 17:12	16°♑26'38	46°49'14		-3731 Jun 18 j 17:23	0°♓	
	-3734 Dec 05 j 13:13	0°♑			-3731 Jul 13 j 21:34	0°♓	
	-3733 Jan 01 j 04:37	0°♒		desc. node	-3731 Jul 29 j 16:35	18°♓30'54	
	-3733 Jan 26 j 20:35	0°♒			-3731 Aug 08 j 15:29	0°♑	
desc. node	-3733 Feb 11 j 23:22	19°♒05'19			-3731 Sep 04 j 15:22	0°♑	
	-3733 Feb 21 j 03:19	0°♑		evening max el	-3731 Sep 15 j 10:21	11°♑13'18	47°33'08
	-3733 Mar 18 j 04:45	0°♒			-3731 Oct 05 j 16:46	0°♒	
	-3733 Apr 12 j 01:41	0°♒		greatest brilliancy	-3731 Oct 26 j 08:12	12°♒54'22	-4.9m
	-3733 May 06 j 17:58	0°♓		retrograde	-3731 Nov 05 j 09:32	14°♒51'14	
morning set	-3733 May 23 j 12:03	20°♓30'50		evening set	-3731 Nov 19 j 21:47	10°♒36'29	
	-3733 May 31 j 05:14	0°♓		asc. node	-3731 Nov 19 j 14:03	10°♒46'59	
asc. node	-3733 Jun 04 j 20:05	5°♓41'30		min. Earth dist.	-3731 Nov 25 j 06:57	7°♒24'24	0.26754 AU
max. Earth dist.	-3733 Jun 24 j 04:29	29°♓38'23	1.72609 AU	inferior conj	-3731 Nov 26 j 02:10	6°♒54'27	1°38'40
	-3733 Jun 24 j 11:26	0°♓		minimum elong	-3731 Nov 25 j 22:37	7°♒00'00	1°37'28
				morning rise	-3731 Dec 02 j 00:08	3°♒22'53	
superior conj	-3733 Jun 28 j 15:04	5°♓09'24	0°52'03		-3731 Dec 10 j 05:27	30°♒♏	
minimum elong	-3733 Jun 28 j 06:39	4°♓43'13	0°51'52	direct	-3731 Dec 16 j 09:57	29°♏12'38	
	-3733 Jul 18 j 13:24	0°♓			-3731 Dec 22 j 19:15	0°♓	
evening rise	-3733 Aug 04 j 06:03	20°♓52'41		greatest brilliancy	-3731 Dec 25 j 16:54	0°♓50'30	-4.9m
	-3733 Aug 11 j 12:52	0°♑			-3730 Feb 03 j 08:06	0°♐	
	-3733 Sep 04 j 11:57	0°♑		morning max el	-3730 Feb 03 j 21:02	0°♐31'29	46°15'08
desc. node	-3733 Sep 24 j 14:49	25°♑07'50			-3730 Mar 04 j 03:42	0°♑	
	-3733 Sep 28 j 12:37	0°♑		desc. node	-3730 Mar 11 j 10:53	8°♑02'33	
	-3733 Oct 22 j 16:29	0°♒			-3730 Mar 30 j 22:01	0°♒	
	-3733 Nov 16 j 01:45	0°♐			-3730 Apr 25 j 18:21	0°♒	
	-3733 Dec 10 j 21:07	0°♑			-3730 May 21 j 00:41	0°♓	
	-3732 Jan 05 j 13:19	0°♒			-3730 Jun 14 j 19:57	0°♓	
asc. node	-3732 Jan 15 j 11:19	11°♒07'10		asc. node	-3730 Jul 02 j 08:13	21°♓28'39	
	-3732 Feb 02 j 06:01	0°♒			-3730 Jul 09 j 05:42	0°♓	
evening max el	-3732 Feb 07 j 23:46	5°♒42'29	45°30'26	morning set	-3730 Jul 31 j 00:28	27°♓07'07	
	-3732 Mar 09 j 03:04	0°♓			-3730 Aug 02 j 07:42	0°♓	
greatest brilliancy	-3732 Mar 16 j 20:50	3°♓39'41	-4.7m		-3730 Aug 26 j 04:35	0°♑	
retrograde	-3732 Mar 27 j 13:43	5°♓43'16		max. Earth dist.	-3730 Sep 06 j 10:33	14°♑11'07	1.71025 AU
evening set	-3732 Apr 12 j 11:14	0°♓54'04					
	-3732 Apr 14 j 00:30	30°♒♋		superior conj	-3730 Sep 07 j 09:49	15°♑24'30	1°19'50
inferior conj	-3732 Apr 18 j 01:04	27°♒30'56	4°00'50	minimum elong	-3730 Sep 07 j 16:15	15°♑44'47	1°19'50
minimum elong	-3732 Apr 18 j 08:42	27°♒18'55	3°58'55		-3730 Sep 18 j 23:25	0°♑	
min. Earth dist.	-3732 Apr 18 j 16:56	27°♒05'58	0.29167 AU		-3730 Oct 12 j 18:54	0°♑	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening rise	-3730 Oct 18 j 16:33	7°♌25'06		morning max el	-3727 Apr 16 j 17:46	10°♏15'47	45°49'07
desc. node	-3730 Oct 22 j 03:11	11°♌44'30			-3727 May 06 j 07:33	0°♐	
	-3730 Nov 05 j 16:43	0°♑			-3727 Jun 02 j 14:39	0°♑	
	-3730 Nov 29 j 17:45	0°♒			-3727 Jun 28 j 10:51	0°♒	
	-3730 Dec 23 j 23:17	0°♓			-3727 Jul 23 j 09:57	0°♓	
	-3729 Jan 17 j 12:03	0°♏		asc. node	-3727 Jul 29 j 20:07	7°♓51'04	
asc. node	-3729 Feb 11 j 23:15	0°♐29'55			-3727 Aug 16 j 18:33	0°♑	
	-3729 Feb 11 j 13:07	0°♐			-3727 Sep 09 j 17:53	0°♒	
	-3729 Mar 09 j 11:24	0°♑			-3727 Oct 03 j 12:51	0°♒	
	-3729 Apr 06 j 02:34	0°♒		morning set	-3727 Oct 13 j 00:54	11°♒59'52	
evening max el	-3729 Apr 19 j 18:38	13°♒34'51	45°12'11		-3727 Oct 27 j 07:25	0°♓	
	-3729 May 08 j 19:34	0°♓		desc. node	-3727 Nov 18 j 15:31	28°♓05'40	
greatest brilliancy	-3729 May 27 j 22:33	11°♓00'06	-4.7m		-3727 Nov 20 j 03:58	0°♌	
desc. node	-3729 Jun 03 j 19:16	12°♓40'33					
retrograde	-3729 Jun 07 j 06:13	12°♓54'03		superior conj	-3727 Nov 24 j 00:12	4°♌49'07	-0°12'30
evening set	-3729 Jun 22 j 14:24	8°♓27'04		minimum elong	-3727 Nov 23 j 20:47	4°♌38'23	0°12'25
inferior conj	-3729 Jun 28 j 11:05	5°♓01'36	-5°25'52	behind sun begin	-3727 Nov 23 j 02:56	3°♌42'29	
minimum elong	-3729 Jun 28 j 01:08	5°♓16'43	5°23'24	behind sun end	-3727 Nov 24 j 14:37	5°♌34'17	
min. Earth dist.	-3729 Jun 28 j 19:14	4°♓49'11	0.28100 AU	max. Earth dist.	-3727 Nov 28 j 22:03	10°♌58'12	1.71429 AU
morning rise	-3729 Jul 03 j 11:21	2°♓02'56			-3727 Dec 14 j 03:28	0°♒	
	-3729 Jul 07 j 09:45	30°♒♑		evening rise	-3726 Jan 04 j 15:25	26°♒45'12	
direct	-3729 Jul 19 j 20:20	26°♒57'33			-3726 Jan 07 j 06:13	0°♓	
greatest brilliancy	-3729 Jul 30 j 22:52	29°♒12'17	-4.8m		-3726 Jan 31 j 12:47	0°♏	
	-3729 Aug 01 j 21:06	0°♓			-3726 Feb 25 j 00:31	0°♐	
morning max el	-3729 Sep 08 j 03:37	29°♓15'02	46°40'56	asc. node	-3726 Mar 11 j 11:26	17°♐33'00	
	-3729 Sep 08 j 21:26	0°♑			-3726 Mar 21 j 19:23	0°♑	
asc. node	-3729 Sep 24 j 17:15	16°♑48'40			-3726 Apr 16 j 00:08	0°♒	
	-3729 Oct 06 j 10:02	0°♒			-3726 May 11 j 19:28	0°♓	
	-3729 Oct 31 j 20:19	0°♒			-3726 Jun 07 j 16:36	0°♑	
	-3729 Nov 25 j 12:40	0°♓		desc. node	-3726 Jul 01 j 06:55	24°♑21'54	
	-3729 Dec 19 j 23:41	0°♌		evening max el	-3726 Jul 01 j 13:06	24°♑36'54	46°19'57
	-3728 Jan 13 j 10:25	0°♒			-3726 Jul 07 j 05:22	0°♒	
desc. node	-3728 Jan 14 j 13:37	1°♒23'21		greatest brilliancy	-3726 Aug 11 j 04:44	24°♒07'53	-4.9m
	-3728 Feb 06 j 22:05	0°♓		retrograde	-3726 Aug 20 j 05:36	25°♒37'53	
	-3728 Mar 02 j 10:16	0°♏		evening set	-3726 Sep 06 j 17:51	19°♒52'16	
morning set	-3728 Mar 14 j 05:30	14°♏26'46		inferior conj	-3726 Sep 09 j 21:54	17°♒58'16	-8°24'10
	-3728 Mar 26 j 22:15	0°♐		minimum elong	-3726 Sep 10 j 05:24	17°♒46'54	8°23'12
max. Earth dist.	-3728 Apr 17 j 23:51	27°♐03'27	1.73722 AU	min. Earth dist.	-3726 Sep 10 j 08:22	17°♒42'25	0.26786 AU
				morning rise	-3726 Sep 13 j 16:51	15°♒42'39	
superior conj	-3728 Apr 19 j 13:46	28°♐59'51	-0°38'04	direct	-3726 Sep 30 j 11:06	10°♒18'43	
minimum elong	-3728 Apr 19 j 20:34	29°♐20'42	0°37'46	greatest brilliancy	-3726 Oct 11 j 02:58	12°♒28'15	-4.9m
	-3728 Apr 20 j 09:22	0°♑		asc. node	-3726 Oct 22 j 04:43	18°♒26'36	
asc. node	-3728 May 06 j 10:01	19°♑41'25			-3726 Nov 05 j 18:26	0°♒	
	-3728 May 14 j 19:08	0°♒		morning max el	-3726 Nov 20 j 05:36	13°♒57'16	46°49'44
evening rise	-3728 May 25 j 07:28	12°♒57'01			-3726 Dec 05 j 08:05	0°♓	
	-3728 Jun 08 j 03:21	0°♓			-3726 Dec 31 j 19:43	0°♌	
	-3728 Jul 02 j 10:32	0°♑			-3725 Jan 26 j 09:54	0°♒	
	-3728 Jul 26 j 18:06	0°♒		desc. node	-3725 Feb 11 j 01:22	18°♒33'41	
	-3728 Aug 20 j 04:09	0°♒			-3725 Feb 20 j 15:35	0°♓	
desc. node	-3728 Aug 26 j 04:39	7°♒21'48			-3725 Mar 17 j 16:20	0°♏	
	-3728 Sep 13 j 19:21	0°♓			-3725 Apr 11 j 12:50	0°♐	
	-3728 Oct 08 j 20:10	0°♌			-3725 May 06 j 04:51	0°♑	
	-3728 Nov 03 j 17:40	0°♒		morning set	-3725 May 21 j 06:49	18°♑28'00	
evening max el	-3728 Nov 25 j 16:38	23°♒42'04	46°57'01		-3725 May 30 j 16:00	0°♒	
	-3728 Dec 02 j 00:25	0°♓		asc. node	-3725 Jun 03 j 22:14	5°♒14'57	
asc. node	-3728 Dec 17 j 01:43	13°♓26'37		max. Earth dist.	-3725 Jun 21 j 21:37	27°♒29'13	1.72669 AU
greatest brilliancy	-3727 Jan 04 j 10:27	24°♓48'53	-4.8m		-3725 Jun 23 j 22:12	0°♓	
retrograde	-3727 Jan 15 j 09:18	27°♓04'58					
evening set	-3727 Feb 01 j 22:46	21°♓00'34		superior conj	-3725 Jun 26 j 09:04	3°♓02'44	0°49'31
min. Earth dist.	-3727 Feb 05 j 00:56	19°♓03'42	0.28822 AU	minimum elong	-3725 Jun 26 j 00:51	2°♓37'14	0°49'20
inferior conj	-3727 Feb 05 j 14:59	18°♓41'14	8°16'53		-3725 Jul 18 j 00:16	0°♑	
minimum elong	-3727 Feb 05 j 12:42	18°♓44'53	8°16'40	evening rise	-3725 Aug 01 j 21:43	18°♑37'13	
morning rise	-3727 Feb 09 j 02:56	16°♓29'06			-3725 Aug 10 j 23:53	0°♒	
direct	-3727 Feb 26 j 22:05	10°♓24'42			-3725 Sep 03 j 23:11	0°♒	
greatest brilliancy	-3727 Mar 07 j 23:48	11°♓55'56	-4.7m	desc. node	-3725 Sep 23 j 16:58	24°♒38'55	
	-3727 Apr 05 j 10:03	0°♏			-3725 Sep 28 j 00:05	0°♓	
desc. node	-3727 Apr 07 j 22:21	2°♏10'51			-3725 Oct 22 j 04:17	0°♌	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3725 Nov 15 j 14:04	0°♊				-3722 Apr 25 j 06:32	0°♋		
	-3725 Dec 10 j 10:18	0°♌				-3722 May 20 j 12:10	0°♍		
	-3724 Jan 05 j 04:19	0°♎				-3722 Jun 14 j 07:03	0°♐		
asc. node	-3724 Jan 14 j 13:21	10°♎28'13			asc. node	-3722 Jul 01 j 10:15	21°♐01'12		
	-3724 Feb 02 j 02:06	0°♋				-3722 Jul 08 j 16:36	0°♑		
evening max el	-3724 Feb 05 j 14:16	3°♋28'00	45°32'39		morning set	-3722 Jul 28 j 15:49	24°♑51'08		
	-3724 Mar 10 j 21:19	0°♌				-3722 Aug 01 j 18:33	0°♒		
greatest brilliancy	-3724 Mar 14 j 13:57	1°♌33'24	-4.7m			-3722 Aug 25 j 15:28	0°♓		
retrograde	-3724 Mar 25 j 06:05	3°♌37'02			max. Earth dist.	-3722 Sep 03 j 19:45	11°♓34'12	1.71058 AU	
	-3724 Apr 07 j 21:51	30°♋							
evening set	-3724 Apr 10 j 06:16	28°♋44'05			superior conj	-3722 Sep 04 j 22:19	12°♓58'01	1°20'54	
inferior conj	-3724 Apr 15 j 17:57	25°♋24'02	4°17'06		minimum elong	-3722 Sep 05 j 03:56	13°♓15'41	1°20'57	
minimum elong	-3724 Apr 16 j 01:56	25°♋11'29	4°15'09			-3722 Sep 18 j 10:24	0°♑		
min. Earth dist.	-3724 Apr 16 j 09:58	24°♋58'51	0.29191 AU			-3722 Oct 12 j 06:00	0°♒		
morning rise	-3724 Apr 21 j 21:13	21°♋40'35			evening rise	-3722 Oct 16 j 01:26	4°♒47'23		
desc. node	-3724 May 05 j 09:47	17°♋04'47			desc. node	-3722 Oct 21 j 05:22	11°♒16'31		
direct	-3724 May 07 j 13:16	16°♋59'26				-3722 Nov 05 j 03:53	0°♓		
greatest brilliancy	-3724 May 18 j 07:13	19°♋02'37	-4.7m			-3722 Nov 29 j 05:01	0°♊		
	-3724 Jun 06 j 00:32	0°♌				-3722 Dec 23 j 10:42	0°♋		
morning max el	-3724 Jun 25 j 16:03	17°♌08'47	46°02'25			-3721 Jan 16 j 23:50	0°♌		
	-3724 Jul 08 j 10:23	0°♍			asc. node	-3721 Feb 11 j 01:20	29°♌58'55		
	-3724 Aug 04 j 15:52	0°♎				-3721 Feb 11 j 01:42	0°♋		
asc. node	-3724 Aug 26 j 07:50	25°♎28'14				-3721 Mar 09 j 01:43	0°♌		
	-3724 Aug 30 j 02:12	0°♒				-3721 Apr 05 j 21:12	0°♍		
	-3724 Sep 23 j 14:45	0°♓			evening max el	-3721 Apr 17 j 10:51	11°♍25'30	45°11'15	
	-3724 Oct 17 j 16:38	0°♑				-3721 May 09 j 11:15	0°♎		
	-3724 Nov 10 j 15:06	0°♒			greatest brilliancy	-3721 May 25 j 11:33	8°♎45'00	-4.7m	
	-3724 Dec 04 j 14:28	0°♓			desc. node	-3721 Jun 02 j 21:24	10°♎35'33		
desc. node	-3724 Dec 16 j 03:37	14°♎24'02			retrograde	-3721 Jun 04 j 21:03	10°♎40'02		
	-3724 Dec 28 j 16:30	0°♊			evening set	-3721 Jun 20 j 02:44	6°♎16'00		
morning set	-3724 Dec 29 j 10:49	0°♊56'55			inferior conj	-3721 Jun 26 j 01:45	2°♎46'56	-5°08'40	
	-3723 Jan 21 j 21:14	0°♋			minimum elong	-3721 Jun 25 j 16:05	3°♎01'39	5°06'12	
					min. Earth dist.	-3721 Jun 26 j 09:46	2°♎34'44	0.28142 AU	
superior conj	-3723 Feb 07 j 14:26	20°♋39'27	-1°23'27			-3721 Jun 30 j 17:42	30°♋		
minimum elong	-3723 Feb 07 j 12:41	20°♋34'01	1°23'36		morning rise	-3721 Jul 01 j 04:57	29°♋44'04		
max. Earth dist.	-3723 Feb 10 j 05:01	23°♋52'28	1.73046 AU		direct	-3721 Jul 17 j 12:14	24°♋42'14		
	-3723 Feb 15 j 04:15	0°♌			greatest brilliancy	-3721 Jul 28 j 13:36	26°♋56'06	-4.8m	
	-3723 Mar 11 j 13:24	0°♋				-3721 Aug 04 j 01:07	0°♎		
evening rise	-3723 Mar 17 j 08:14	7°♋06'01			morning max el	-3721 Sep 05 j 18:51	26°♎56'59	46°39'40	
	-3723 Apr 05 j 00:50	0°♌				-3721 Sep 08 j 18:53	0°♒		
asc. node	-3723 Apr 07 j 23:49	3°♌36'57			asc. node	-3721 Sep 23 j 19:33	16°♒06'17		
	-3723 Apr 29 j 14:51	0°♍				-3721 Oct 06 j 01:51	0°♓		
	-3723 May 24 j 08:01	0°♎				-3721 Oct 31 j 10:04	0°♑		
	-3723 Jun 18 j 05:40	0°♒				-3721 Nov 25 j 01:22	0°♓		
	-3723 Jul 13 j 11:02	0°♓				-3721 Dec 19 j 11:43	0°♑		
desc. node	-3723 Jul 28 j 18:34	17°♓54'28				-3720 Jan 12 j 21:58	0°♊		
	-3723 Aug 08 j 06:59	0°♑			desc. node	-3720 Jan 13 j 15:37	0°♊54'09		
	-3723 Sep 04 j 11:19	0°♒				-3720 Feb 06 j 09:14	0°♋		
evening max el	-3723 Sep 12 j 23:44	8°♒47'55	47°32'23			-3720 Mar 01 j 21:09	0°♌		
	-3723 Oct 06 j 07:48	0°♓			morning set	-3720 Mar 11 j 22:53	12°♌19'59		
greatest brilliancy	-3723 Oct 23 j 23:16	10°♓28'58	-4.9m			-3720 Mar 26 j 08:58	0°♋		
retrograde	-3723 Nov 02 j 23:07	12°♓24'47			max. Earth dist.	-3720 Apr 15 j 23:46	25°♋16'47	1.73730 AU	
evening set	-3723 Nov 17 j 11:03	8°♓10'21							
asc. node	-3723 Nov 18 j 16:09	7°♓29'40			superior conj	-3720 Apr 17 j 08:40	26°♋57'44	-0°40'44	
min. Earth dist.	-3723 Nov 22 j 21:25	4°♓57'06	0.26702 AU		minimum elong	-3720 Apr 17 j 15:49	27°♋19'43	0°40'28	
inferior conj	-3723 Nov 23 j 15:28	4°♓29'04	1°15'47			-3720 Apr 19 j 20:03	0°♌		
minimum elong	-3723 Nov 23 j 12:42	4°♓33'22	1°14'49		asc. node	-3720 May 05 j 12:08	19°♌15'03		
morning rise	-3723 Nov 29 j 15:00	0°♓55'52				-3720 May 14 j 05:52	0°♍		
	-3723 Dec 01 j 10:07	30°♋			evening rise	-3720 May 23 j 03:02	10°♍56'10		
direct	-3723 Dec 13 j 22:22	26°♒47'52				-3720 Jun 07 j 14:15	0°♎		
greatest brilliancy	-3723 Dec 23 j 07:19	28°♒27'41	-4.9m			-3720 Jul 01 j 21:43	0°♒		
	-3723 Dec 27 j 03:59	0°♓				-3720 Jul 26 j 05:42	0°♓		
morning max el	-3722 Feb 01 j 11:23	28°♓13'17	46°16'31			-3720 Aug 19 j 16:20	0°♑		
	-3722 Feb 03 j 06:51	0°♊			desc. node	-3720 Aug 25 j 06:48	6°♑50'45		
	-3722 Mar 03 j 19:41	0°♋				-3720 Sep 13 j 08:20	0°♒		
desc. node	-3722 Mar 10 j 13:05	7°♋26'35				-3720 Oct 08 j 10:27	0°♓		
	-3722 Mar 30 j 11:28	0°♌				-3720 Nov 03 j 10:30	0°♊		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening max el	-3720 Nov 23 j 09:15	21° ♁ 26'59	46°59'46	morning set	-3717 May 19 j 01:49	16° ♁ 25'23	
	-3720 Dec 02 j 01:07	0° ♁			-3717 May 30 j 02:54	0° ♁	
asc. node	-3720 Dec 16 j 03:50	12° ♁ 18'21		asc. node	-3717 Jun 03 j 00:17	4° ♁ 47'42	
greatest brilliancy	-3719 Jan 02 j 03:25	22° ♁ 36'12	-4.8m	max. Earth dist.	-3717 Jun 19 j 17:17	25° ♁ 27'33	1.72730 AU
retrograde	-3719 Jan 13 j 02:20	24° ♁ 51'57			-3717 Jun 23 j 09:08	0° ♁	
evening set	-3719 Jan 30 j 13:43	18° ♁ 50'22					
min. Earth dist.	-3719 Feb 02 j 15:50	16° ♁ 53'26	0.28760 AU	superior conj	-3717 Jun 24 j 03:18	0° ♁ 56'24	0°46'57
inferior conj	-3719 Feb 03 j 07:19	16° ♁ 28'39	8°14'40	minimum elong	-3717 Jun 23 j 19:20	0° ♁ 31'41	0°46'46
minimum elong	-3719 Feb 03 j 04:20	16° ♁ 33'25	8°14'24		-3717 Jul 17 j 11:20	0° ♁	
morning rise	-3719 Feb 06 j 19:18	14° ♁ 16'22		evening rise	-3717 Jul 30 j 13:40	16° ♁ 22'07	
direct	-3719 Feb 24 j 14:03	8° ♁ 13'25			-3717 Aug 10 j 11:08	0° ♁	
greatest brilliancy	-3719 Mar 05 j 13:34	9° ♁ 42'57	-4.7m		-3717 Sep 03 j 10:40	0° ♁	
	-3719 Apr 05 j 13:51	0° ♁		desc. node	-3717 Sep 22 j 19:08	24° ♁ 09'11	
desc. node	-3719 Apr 07 j 00:31	1° ♁ 16'54			-3717 Sep 27 j 11:51	0° ♁	
morning max el	-3719 Apr 14 j 09:21	8° ♁ 05'24	45°49'20		-3717 Oct 21 j 16:24	0° ♁	
	-3719 May 06 j 00:28	0° ♁			-3717 Nov 15 j 02:42	0° ♁	
	-3719 Jun 02 j 04:28	0° ♁			-3717 Dec 09 j 23:51	0° ♁	
	-3719 Jun 27 j 23:19	0° ♁			-3716 Jan 04 j 19:48	0° ♁	
	-3719 Jul 22 j 21:44	0° ♁		asc. node	-3716 Jan 13 j 15:30	9° ♁ 48'17	
asc. node	-3719 Jul 28 j 22:13	7° ♁ 21'41			-3716 Feb 01 j 23:12	0° ♁	
	-3719 Aug 16 j 05:59	0° ♁		evening max el	-3716 Feb 03 j 04:45	1° ♁ 12'32	45°34'57
greatest brilliancy	-3719 Aug 30 j 05:06	17° ♁ 26'10	-3.9m	greatest brilliancy	-3716 Mar 12 j 06:27	29° ♁ 25'24	-4.7m
	-3719 Sep 09 j 05:09	0° ♁			-3716 Mar 13 j 22:29	0° ♁	
	-3719 Oct 03 j 00:03	0° ♁		retrograde	-3716 Mar 22 j 22:51	1° ♁ 29'51	
morning set	-3719 Oct 10 j 11:31	9° ♁ 26'38			-3716 Mar 31 j 15:20	30° ♁	
	-3719 Oct 26 j 18:35	0° ♁		evening set	-3716 Apr 08 j 01:17	26° ♁ 32'51	
desc. node	-3719 Nov 17 j 17:30	27° ♁ 36'57		inferior conj	-3716 Apr 13 j 10:46	23° ♁ 16'01	4°33'02
	-3719 Nov 19 j 15:07	0° ♁		minimum elong	-3716 Apr 13 j 19:02	23° ♁ 03'01	4°31'04
				min. Earth dist.	-3716 Apr 14 j 02:44	22° ♁ 50'55	0.29213 AU
superior conj	-3719 Nov 21 j 08:58	2° ♁ 11'13	-0°08'32	morning rise	-3716 Apr 19 j 12:24	19° ♁ 34'47	
minimum elong	-3719 Nov 21 j 06:37	2° ♁ 03'50	0°08'29	desc. node	-3716 May 04 j 11:51	14° ♁ 51'28	
behind sun begin	-3719 Nov 20 j 07:10	0° ♁ 50'19		direct	-3716 May 05 j 05:32	14° ♁ 50'51	
behind sun end	-3719 Nov 22 j 06:04	3° ♁ 17'20		greatest brilliancy	-3716 May 15 j 23:38	16° ♁ 54'08	-4.7m
max. Earth dist.	-3719 Nov 26 j 08:07	8° ♁ 24'32	1.71380 AU		-3716 Jun 06 j 11:26	0° ♁	
	-3719 Dec 13 j 14:36	0° ♁		morning max el	-3716 Jun 23 j 08:22	14° ♁ 58'27	46°01'30
evening rise	-3718 Jan 02 j 03:00	24° ♁ 17'34			-3716 Jul 08 j 04:41	0° ♁	
	-3718 Jan 06 j 17:21	0° ♁			-3716 Aug 04 j 06:27	0° ♁	
	-3718 Jan 30 j 23:59	0° ♁		asc. node	-3716 Aug 25 j 10:08	24° ♁ 55'19	
	-3718 Feb 24 j 11:53	0° ♁			-3716 Aug 29 j 15:18	0° ♁	
asc. node	-3718 Mar 10 j 13:43	17° ♁ 04'57			-3716 Sep 23 j 03:08	0° ♁	
	-3718 Mar 21 j 07:08	0° ♁			-3716 Oct 17 j 04:37	0° ♁	
	-3718 Apr 15 j 12:42	0° ♁			-3716 Nov 10 j 02:49	0° ♁	
	-3718 May 11 j 09:36	0° ♁			-3716 Dec 04 j 02:01	0° ♁	
	-3718 Jun 07 j 10:03	0° ♁		desc. node	-3716 Dec 15 j 05:41	13° ♁ 54'50	
evening max el	-3718 Jun 29 j 01:29	22° ♁ 12'39	46°16'35	morning set	-3716 Dec 26 j 21:31	28° ♁ 25'41	
desc. node	-3718 Jun 30 j 08:56	23° ♁ 28'25			-3716 Dec 28 j 03:52	0° ♁	
	-3718 Jul 07 j 08:59	0° ♁			-3715 Jan 21 j 08:27	0° ♁	
greatest brilliancy	-3718 Aug 08 j 17:00	21° ♁ 40'53	-4.9m				
retrograde	-3718 Aug 17 j 16:45	23° ♁ 10'05		superior conj	-3715 Feb 05 j 04:59	18° ♁ 21'52	-1°23'06
evening set	-3718 Sep 04 j 08:24	17° ♁ 21'14		minimum elong	-3715 Feb 05 j 02:23	18° ♁ 13'51	1°23'14
inferior conj	-3718 Sep 07 j 10:11	15° ♁ 30'39	-8°31'54	max. Earth dist.	-3715 Feb 07 j 20:10	21° ♁ 36'48	1.72999 AU
minimum elong	-3718 Sep 07 j 16:54	15° ♁ 20'27	8°31'08		-3715 Feb 14 j 15:22	0° ♁	
min. Earth dist.	-3718 Sep 07 j 21:13	15° ♁ 13'54	0.26829 AU		-3715 Mar 11 j 00:30	0° ♁	
morning rise	-3718 Sep 11 j 01:15	13° ♁ 20'25		evening rise	-3715 Mar 15 j 01:22	4° ♁ 57'14	
direct	-3718 Sep 27 j 23:27	7° ♁ 50'17		greatest brilliancy	-3715 Mar 15 j 08:34	5° ♁ 19'19	-3.9m
greatest brilliancy	-3718 Oct 08 j 16:58	10° ♁ 00'45	-4.9m		-3715 Apr 04 j 12:03	0° ♁	
asc. node	-3718 Oct 21 j 06:49	17° ♁ 01'26		asc. node	-3715 Apr 07 j 01:55	3° ♁ 09'02	
	-3718 Nov 06 j 00:43	0° ♁			-3715 Apr 29 j 02:21	0° ♁	
morning max el	-3718 Nov 17 j 17:41	11° ♁ 26'34	46°50'18		-3715 May 23 j 19:57	0° ♁	
	-3718 Dec 05 j 02:35	0° ♁			-3715 Jun 17 j 18:20	0° ♁	
	-3718 Dec 31 j 10:44	0° ♁			-3715 Jul 13 j 00:53	0° ♁	
	-3717 Jan 25 j 23:15	0° ♁		desc. node	-3715 Jul 27 j 20:48	17° ♁ 17'34	
desc. node	-3717 Feb 10 j 03:30	18° ♁ 02'14			-3715 Aug 07 j 23:00	0° ♁	
	-3717 Feb 20 j 03:57	0° ♁			-3715 Sep 04 j 08:18	0° ♁	
	-3717 Mar 17 j 04:04	0° ♁		evening max el	-3715 Sep 10 j 13:54	6° ♁ 23'34	47°31'21
	-3717 Apr 11 j 00:08	0° ♁			-3715 Oct 07 j 04:45	0° ♁	
	-3717 May 05 j 15:53	0° ♁		greatest brilliancy	-3715 Oct 21 j 13:30	8° ♁ 00'43	-4.9m

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

retrograde	-3715 Oct 31 j 12:49	9° \mathbb{M} 56'01		max. Earth dist.	-3712 Apr 13 j 22:30	23° \mathbb{H} 25'27	1.73733 AU
evening set	-3715 Nov 15 j 00:14	5° \mathbb{M} 41'34					
asc. node	-3715 Nov 17 j 18:16	4° \mathbb{M} 06'56		superior conj	-3712 Apr 15 j 03:12	24° \mathbb{H} 53'29	-0°43'25
min. Earth dist.	-3715 Nov 20 j 11:22	2° \mathbb{M} 27'35	0.26657 AU	minimum elong	-3712 Apr 15 j 10:41	25° \mathbb{H} 16'28	0°43'07
inferior conj	-3715 Nov 21 j 04:26	2° \mathbb{M} 01'09	0°52'20		-3712 Apr 19 j 07:04	0° \mathbb{Y}	
minimum elong	-3715 Nov 21 j 02:31	2° \mathbb{M} 04'08	0°51'39	asc. node	-3712 May 04 j 14:10	18° \mathbb{Y} 47'27	
	-3715 Nov 24 j 11:49	30° \mathbb{R} \mathbb{A}			-3712 May 13 j 16:57	0° \mathbb{B}	
morning rise	-3715 Nov 27 j 05:26	28° \mathbb{A} 26'40		evening rise	-3712 May 20 j 22:21	8° \mathbb{B} 53'35	
direct	-3715 Dec 11 j 11:06	24° \mathbb{A} 20'38			-3712 Jun 07 j 01:30	0° \mathbb{I}	
greatest brilliancy	-3715 Dec 20 j 21:07	26° \mathbb{A} 01'54	-4.9m		-3712 Jul 01 j 09:16	0° \mathbb{G}	
	-3715 Dec 29 j 10:10	0° \mathbb{M}			-3712 Jul 25 j 17:41	0° \mathbb{Q}	
morning max el	-3714 Jan 30 j 02:19	25° \mathbb{M} 54'48	46°17'53		-3712 Aug 19 j 04:52	0° \mathbb{P}	
	-3714 Feb 03 j 05:19	0° \mathbb{X}		desc. node	-3712 Aug 24 j 08:58	6° \mathbb{P} 18'43	
	-3714 Mar 03 j 11:53	0° \mathbb{Z}			-3712 Sep 12 j 21:39	0° \mathbb{A}	
desc. node	-3714 Mar 09 j 15:17	6° \mathbb{Z} 49'33			-3712 Oct 08 j 01:02	0° \mathbb{M}	
	-3714 Mar 30 j 01:15	0° \approx			-3712 Nov 03 j 03:48	0° \mathbb{X}	
	-3714 Apr 24 j 19:05	0° \mathbb{H}		evening max el	-3712 Nov 21 j 01:04	19° \mathbb{X} 09'21	47°02'22
	-3714 May 20 j 00:02	0° \mathbb{Y}			-3712 Dec 02 j 03:16	0° \mathbb{Z}	
	-3714 Jun 13 j 18:32	0° \mathbb{B}		asc. node	-3712 Dec 15 j 05:58	11° \mathbb{Z} 07'48	
asc. node	-3714 Jun 30 j 12:24	20° \mathbb{B} 32'59		greatest brilliancy	-3712 Dec 30 j 20:45	20° \mathbb{Z} 31'12	-4.8m
	-3714 Jul 08 j 03:53	0° \mathbb{I}		retrograde	-3711 Jan 10 j 18:46	22° \mathbb{Z} 38'06	
morning set	-3714 Jul 26 j 07:35	22° \mathbb{I} 35'27		evening set	-3711 Jan 28 j 04:26	16° \mathbb{Z} 39'48	
	-3714 Aug 01 j 05:45	0° \mathbb{G}		inferior conj	-3711 Jan 31 j 23:41	14° \mathbb{Z} 15'23	8°11'44
	-3714 Aug 25 j 02:40	0° \mathbb{Q}		minimum elong	-3711 Jan 31 j 20:02	14° \mathbb{Z} 21'14	8°11'22
max. Earth dist.	-3714 Sep 01 j 04:13	8° \mathbb{Q} 54'11	1.71089 AU	min. Earth dist.	-3711 Jan 31 j 07:09	14° \mathbb{Z} 41'53	0.28702 AU
				morning rise	-3711 Feb 04 j 11:57	12° \mathbb{Z} 02'26	
superior conj	-3714 Sep 02 j 11:22	10° \mathbb{Q} 32'23	1°21'49	direct	-3711 Feb 22 j 05:44	6° \mathbb{Z} 01'19	
minimum elong	-3714 Sep 02 j 16:09	10° \mathbb{Q} 47'25	1°21'53	greatest brilliancy	-3711 Mar 03 j 04:08	7° \mathbb{Z} 29'46	-4.7m
	-3714 Sep 17 j 21:41	0° \mathbb{P}			-3711 Apr 05 j 16:28	0° \approx	
	-3714 Oct 11 j 17:24	0° \mathbb{A}		desc. node	-3711 Apr 06 j 02:32	0° \approx 22'46	
evening rise	-3714 Oct 13 j 10:35	2° \mathbb{A} 09'27		morning max el	-3711 Apr 12 j 00:12	5° \approx 52'11	45°49'33
desc. node	-3714 Oct 20 j 07:23	10° \mathbb{A} 46'59			-3711 May 05 j 17:24	0° \mathbb{H}	
	-3714 Nov 04 j 15:25	0° \mathbb{M}			-3711 Jun 01 j 18:27	0° \mathbb{Y}	
	-3714 Nov 28 j 16:41	0° \mathbb{X}			-3711 Jun 27 j 11:57	0° \mathbb{B}	
	-3714 Dec 22 j 22:35	0° \mathbb{Z}			-3711 Jul 22 j 09:41	0° \mathbb{I}	
	-3713 Jan 16 j 12:07	0° \approx		asc. node	-3711 Jul 28 j 00:26	6° \mathbb{I} 52'07	
asc. node	-3713 Feb 10 j 03:36	29° \approx 26'55			-3711 Aug 15 j 17:36	0° \mathbb{G}	
	-3713 Feb 10 j 14:50	0° \mathbb{H}		greatest brilliancy	-3711 Sep 03 j 08:11	23° \mathbb{G} 16'16	-3.9m
	-3713 Mar 08 j 16:40	0° \mathbb{Y}			-3711 Sep 08 j 16:37	0° \mathbb{Q}	
	-3713 Apr 05 j 16:53	0° \mathbb{B}			-3711 Oct 02 j 11:26	0° \mathbb{P}	
evening max el	-3713 Apr 15 j 02:58	9° \mathbb{B} 14'35	45°10'24	morning set	-3711 Oct 07 j 22:22	6° \mathbb{P} 53'29	
	-3713 May 10 j 09:14	0° \mathbb{I}			-3711 Oct 26 j 05:54	0° \mathbb{A}	
greatest brilliancy	-3713 May 23 j 01:06	6° \mathbb{I} 29'19	-4.7m	desc. node	-3711 Nov 16 j 19:38	27° \mathbb{A} 08'19	
desc. node	-3713 Jun 01 j 23:29	8° \mathbb{I} 24'22					
retrograde	-3713 Jun 02 j 11:21	8° \mathbb{I} 24'38		superior conj	-3711 Nov 18 j 18:08	29° \mathbb{A} 34'13	-0°04'33
evening set	-3713 Jun 17 j 15:15	4° \mathbb{I} 03'31		minimum elong	-3711 Nov 18 j 16:52	29° \mathbb{A} 30'12	0°04'34
inferior conj	-3713 Jun 23 j 16:22	0° \mathbb{I} 31'06	-4°51'05	behind sun begin	-3711 Nov 17 j 14:37	28° \mathbb{A} 07'54	
minimum elong	-3713 Jun 23 j 07:02	0° \mathbb{I} 45'20	4°48'37	behind sun end	-3711 Nov 19 j 19:06	0° \mathbb{M} 52'29	
min. Earth dist.	-3713 Jun 24 j 00:31	0° \mathbb{I} 18'40	0.28180 AU		-3711 Nov 19 j 02:21	0° \mathbb{M}	
	-3713 Jun 24 j 12:45	30° \mathbb{R} \mathbb{B}		max. Earth dist.	-3711 Nov 23 j 16:18	5° \mathbb{M} 44'35	1.71326 AU
morning rise	-3713 Jun 28 j 22:22	27° \mathbb{B} 23'59			-3711 Dec 13 j 01:48	0° \mathbb{X}	
direct	-3713 Jul 15 j 03:56	22° \mathbb{B} 25'47		evening rise	-3711 Dec 30 j 14:50	21° \mathbb{X} 50'28	
greatest brilliancy	-3713 Jul 26 j 04:17	24° \mathbb{B} 38'35	-4.8m		-3710 Jan 06 j 04:33	0° \mathbb{Z}	
	-3713 Aug 05 j 12:07	0° \mathbb{I}			-3710 Jan 30 j 11:15	0° \approx	
morning max el	-3713 Sep 03 j 09:15	24° \mathbb{I} 35'57	46°38'37		-3710 Feb 23 j 23:21	0° \mathbb{H}	
	-3713 Sep 08 j 15:58	0° \mathbb{G}		asc. node	-3710 Mar 09 j 15:44	16° \mathbb{H} 35'44	
asc. node	-3713 Sep 22 j 21:37	15° \mathbb{G} 22'54			-3710 Mar 20 j 19:03	0° \mathbb{Y}	
	-3713 Oct 05 j 17:43	0° \mathbb{Q}			-3710 Apr 15 j 01:29	0° \mathbb{B}	
	-3713 Oct 30 j 23:57	0° \mathbb{P}			-3710 May 11 j 00:02	0° \mathbb{I}	
	-3713 Nov 24 j 14:15	0° \mathbb{A}			-3710 Jun 07 j 04:02	0° \mathbb{G}	
	-3713 Dec 18 j 24:00	0° \mathbb{M}		evening max el	-3710 Jun 26 j 13:14	19° \mathbb{G} 46'47	46°13'22
	-3712 Jan 12 j 09:48	0° \mathbb{X}		desc. node	-3710 Jun 29 j 11:09	22° \mathbb{G} 34'04	
desc. node	-3712 Jan 12 j 17:48	0° \mathbb{X} 24'34			-3710 Jul 07 j 14:31	0° \mathbb{Q}	
	-3712 Feb 05 j 20:44	0° \mathbb{Z}		greatest brilliancy	-3710 Aug 06 j 04:59	19° \mathbb{Q} 13'30	-4.8m
	-3712 Mar 01 j 08:24	0° \approx		retrograde	-3710 Aug 15 j 04:02	20° \mathbb{Q} 42'33	
morning set	-3712 Mar 09 j 15:49	10° \approx 10'39		evening set	-3710 Sep 01 j 22:38	14° \mathbb{Q} 50'26	
	-3712 Mar 25 j 20:03	0° \mathbb{H}		inferior conj	-3710 Sep 04 j 22:27	13° \mathbb{Q} 02'56	-8°38'40

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

minimum elong	-3710 Sep 05 j 04:22	12°Ω53'58	8°38'02	evening rise	-3707 Mar 12 j 18:42	2°℥50'00	
min. Earth dist.	-3710 Sep 05 j 10:01	12°Ω45'24	0.26875 AU	greatest brilliancy	-3707 Mar 13 j 19:47	4°℥06'57	-3.9m
morning rise	-3710 Sep 08 j 09:55	10°Ω57'59			-3707 Apr 03 j 22:58	0°Υ	
direct	-3710 Sep 25 j 11:51	5°Ω21'30		asc. node	-3707 Apr 06 j 03:59	2°Υ42'01	
greatest brilliancy	-3710 Oct 06 j 07:19	7°Ω33'34	-4.9m		-3707 Apr 28 j 13:32	0°℞	
asc. node	-3710 Oct 20 j 08:55	15°Ω38'45			-3707 May 23 j 07:38	0°Π	
	-3710 Nov 06 j 05:06	0°℞			-3707 Jun 17 j 06:49	0°☿	
morning max el	-3710 Nov 15 j 06:26	8°℞57'23	46°51'03		-3707 Jul 12 j 14:38	0°Ω	
	-3710 Dec 04 j 20:40	0°♄		desc. node	-3707 Jul 26 j 22:53	16°Ω40'41	
	-3710 Dec 31 j 01:31	0°♍			-3707 Aug 07 j 15:03	0°℞	
	-3709 Jan 25 j 12:24	0°♎			-3707 Sep 04 j 05:44	0°♄	
desc. node	-3709 Feb 09 j 05:42	17°♎31'23		evening max el	-3707 Sep 08 j 04:50	4°♄01'59	47°30'14
	-3709 Feb 19 j 16:10	0°♏			-3707 Oct 08 j 08:46	0°♍	
	-3709 Mar 16 j 15:41	0°♐		greatest brilliancy	-3707 Oct 19 j 03:19	5°♍32'46	-4.9m
	-3709 Apr 10 j 11:21	0°♑		retrograde	-3707 Oct 29 j 02:39	7°♍27'37	
	-3709 May 05 j 02:51	0°Υ		evening set	-3707 Nov 12 j 13:35	3°♍13'07	
morning set	-3709 May 16 j 20:45	14°Υ22'45		asc. node	-3707 Nov 16 j 20:28	0°♍42'40	
	-3709 May 29 j 13:46	0°℞		min. Earth dist.	-3707 Nov 18 j 01:03	29°♄58'41	0.26613 AU
asc. node	-3709 Jun 02 j 02:28	4°♄20'56			-3707 Nov 18 j 00:12	30°♄♄	
max. Earth dist.	-3709 Jun 17 j 14:08	23°♄29'36	1.72789 AU	inferior conj	-3707 Nov 18 j 17:16	29°♄33'36	0°28'36
				minimum elong	-3707 Nov 18 j 16:13	29°♄35'14	0°28'12
superior conj	-3709 Jun 21 j 21:25	28°♄49'52	0°44'19	morning rise	-3707 Nov 24 j 19:32	25°♄58'02	
minimum elong	-3709 Jun 21 j 13:44	28°♄26'04	0°44'06	direct	-3707 Dec 09 j 00:07	21°♄53'59	
	-3709 Jun 22 j 20:01	0°Π		greatest brilliancy	-3707 Dec 18 j 10:30	23°♄36'06	-4.9m
	-3709 Jul 16 j 22:20	0°☿			-3707 Dec 30 j 21:17	0°♍	
evening rise	-3709 Jul 28 j 05:39	14°☿07'27		morning max el	-3706 Jan 27 j 17:11	23°♍36'55	46°19'15
	-3709 Aug 09 j 22:19	0°Ω			-3706 Feb 03 j 02:37	0°♎	
	-3709 Sep 02 j 22:05	0°℞			-3706 Mar 03 j 03:29	0°♏	
desc. node	-3709 Sep 21 j 21:06	23°℞39'01		desc. node	-3706 Mar 08 j 17:13	6°♏13'06	
	-3709 Sep 26 j 23:34	0°♄			-3706 Mar 29 j 14:31	0°♐	
	-3709 Oct 21 j 04:30	0°♍			-3706 Apr 24 j 07:10	0°♑	
	-3709 Nov 14 j 15:19	0°♎			-3706 May 19 j 11:27	0°Υ	
	-3709 Dec 09 j 13:22	0°♏			-3706 Jun 13 j 05:36	0°℞	
	-3708 Jan 04 j 11:17	0°♐		asc. node	-3706 Jun 29 j 14:36	20°♄06'01	
asc. node	-3708 Jan 12 j 17:45	9°♐08'55			-3706 Jul 07 j 14:48	0°Π	
evening max el	-3708 Jan 31 j 19:59	28°♐59'43	45°37'28	morning set	-3706 Jul 23 j 23:25	20°Π21'06	
	-3708 Feb 01 j 20:43	0°♑			-3706 Jul 31 j 16:37	0°☿	
greatest brilliancy	-3708 Mar 09 j 22:27	27°♑18'04	-4.7m		-3706 Aug 24 j 13:36	0°Ω	
retrograde	-3708 Mar 20 j 16:14	29°♑23'57		max. Earth dist.	-3706 Aug 29 j 09:19	6°Ω04'29	1.71126 AU
evening set	-3708 Apr 05 j 20:33	24°♑22'47					
inferior conj	-3708 Apr 11 j 03:46	21°♑09'08	4°48'32	superior conj	-3706 Aug 31 j 00:27	8°Ω07'47	1°22'35
minimum elong	-3708 Apr 11 j 12:17	20°♑55'45	4°46'32	minimum elong	-3706 Aug 31 j 04:22	8°Ω20'05	1°22'40
min. Earth dist.	-3708 Apr 11 j 19:16	20°♑44'46	0.29237 AU		-3706 Sep 17 j 08:42	0°℞	
morning rise	-3708 Apr 17 j 03:41	17°♑30'27		evening rise	-3706 Oct 10 j 19:28	29°℞31'31	
direct	-3708 May 02 j 22:27	12°♑43'29			-3706 Oct 11 j 04:31	0°♄	
desc. node	-3708 May 03 j 13:59	12°♑43'58		desc. node	-3706 Oct 19 j 09:29	10°♄18'35	
greatest brilliancy	-3708 May 13 j 15:54	14°♑46'32	-4.7m		-3706 Nov 04 j 02:39	0°♍	
	-3708 Jun 06 j 19:10	0°Υ			-3706 Nov 28 j 04:02	0°♎	
morning max el	-3708 Jun 21 j 01:34	12°Υ50'58	46°00'26		-3706 Dec 22 j 10:10	0°♏	
	-3708 Jul 07 j 22:24	0°℞			-3705 Jan 16 j 00:08	0°♐	
	-3708 Aug 03 j 20:44	0°Π		asc. node	-3705 Feb 09 j 05:37	28°♐55'08	
asc. node	-3708 Aug 24 j 12:12	24°Π22'23			-3705 Feb 10 j 03:42	0°♑	
	-3708 Aug 29 j 04:10	0°☿			-3705 Mar 08 j 07:24	0°Υ	
	-3708 Sep 22 j 15:16	0°Ω			-3705 Apr 05 j 12:36	0°℞	
	-3708 Oct 16 j 16:20	0°℞		evening max el	-3705 Apr 12 j 18:38	7°♄04'06	45°09'44
	-3708 Nov 09 j 14:19	0°♄			-3705 May 11 j 14:06	0°Π	
	-3708 Dec 03 j 13:20	0°♍		greatest brilliancy	-3705 May 20 j 15:33	4°Π16'49	-4.7m
desc. node	-3708 Dec 14 j 07:50	13°♍26'32		retrograde	-3705 May 31 j 01:35	6°Π11'57	
morning set	-3708 Dec 24 j 08:11	25°♍54'49		desc. node	-3705 Jun 01 j 01:38	6°Π10'48	
	-3708 Dec 27 j 15:01	0°♎		evening set	-3705 Jun 15 j 04:21	1°Π53'23	
	-3707 Jan 20 j 19:26	0°♏			-3705 Jun 18 j 12:06	30°♄♄	
				inferior conj	-3705 Jun 21 j 07:24	28°♄18'01	-4°33'15
superior conj	-3707 Feb 02 j 19:32	16°♄04'56	-1°22'36	minimum elong	-3705 Jun 20 j 22:27	28°♄31'42	4°30'50
minimum elong	-3707 Feb 02 j 16:06	15°♄54'20	1°22'43	min. Earth dist.	-3705 Jun 21 j 15:55	28°♄04'58	0.28219 AU
max. Earth dist.	-3707 Feb 05 j 12:23	19°♄25'09	1.72947 AU	morning rise	-3705 Jun 26 j 16:03	25°♄06'43	
	-3707 Feb 14 j 02:13	0°♐		direct	-3705 Jul 12 j 19:35	20°♄12'03	
	-3707 Mar 10 j 11:18	0°♑		greatest brilliancy	-3705 Jul 23 j 19:46	22°♄24'09	-4.8m

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3705 Aug 06 j 12:05	0°II				-3702 Jan 29 j 22:22	0°≈		
morning max el	-3705 Aug 31 j 22:52	22°II14'20	46°37'14			-3702 Feb 23 j 10:40	0°H		
	-3705 Sep 08 j 11:55	0°☿		asc. node		-3702 Mar 08 j 17:50	16°H07'14		
asc. node	-3705 Sep 21 j 23:42	14°☿41'07				-3702 Mar 20 j 06:50	0°Y		
	-3705 Oct 05 j 09:03	0°Ω				-3702 Apr 14 j 14:09	0°8		
	-3705 Oct 30 j 13:28	0°♍				-3702 May 10 j 14:26	0°II		
	-3705 Nov 24 j 02:49	0°♌				-3702 Jun 06 j 22:11	0°☿		
desc. node	-3705 Dec 18 j 11:56	0°♍		evening max el		-3702 Jun 24 j 01:27	17°☿23'12	46°10'25	
	-3704 Jan 11 j 19:55	29°♍55'47		desc. node		-3702 Jun 28 j 13:17	21°☿39'20		
	-3704 Jan 11 j 21:17	0°♌				-3702 Jul 07 j 21:45	0°Ω		
	-3704 Feb 05 j 07:54	0°8		greatest brilliancy		-3702 Aug 03 j 16:23	16°Ω47'12	-4.8m	
	-3704 Feb 29 j 19:18	0°≈		retrograde		-3702 Aug 12 j 16:09	18°Ω17'02		
morning set	-3704 Mar 07 j 08:36	8°≈01'49		evening set		-3702 Aug 30 j 12:42	12°Ω21'55		
	-3704 Mar 25 j 06:48	0°H		inferior conj		-3702 Sep 02 j 10:56	10°Ω36'57	-8°44'14	
max. Earth dist.	-3704 Apr 11 j 19:29	21°H29'50	1.73730 AU	minimum elong		-3702 Sep 02 j 16:02	10°Ω29'15	8°43'45	
				min. Earth dist.		-3702 Sep 02 j 22:33	10°Ω19'23	0.26922 AU	
superior conj	-3704 Apr 12 j 21:51	22°H50'43	-0°46'01	morning rise		-3702 Sep 05 j 19:11	8°Ω36'57		
minimum elong	-3704 Apr 13 j 05:38	23°H14'34	0°45'43	direct		-3702 Sep 23 j 00:47	2°Ω54'33		
	-3704 Apr 18 j 17:45	0°Y		greatest brilliancy		-3702 Oct 03 j 21:19	5°Ω07'46	-4.9m	
asc. node	-3704 May 03 j 16:23	18°Y21'28		asc. node		-3702 Oct 19 j 11:09	14°Ω20'16		
	-3704 May 13 j 03:39	0°8				-3702 Nov 06 j 07:27	0°♍		
evening rise	-3704 May 18 j 17:53	6°852'55		morning max el		-3702 Nov 12 j 20:10	6°♍31'34	46°51'26	
	-3704 Jun 06 j 12:21	0°II				-3702 Dec 04 j 14:08	0°♌		
	-3704 Jun 30 j 20:25	0°☿				-3702 Dec 30 j 16:02	0°♍		
	-3704 Jul 25 j 05:17	0°Ω				-3701 Jan 25 j 01:28	0°♌		
	-3704 Aug 18 j 17:05	0°♍		desc. node		-3701 Feb 08 j 07:40	17°♌00'00		
desc. node	-3704 Aug 23 j 10:57	5°♍47'03				-3701 Feb 19 j 04:19	0°8		
	-3704 Sep 12 j 10:45	0°♌				-3701 Mar 16 j 03:13	0°≈		
	-3704 Oct 07 j 15:34	0°♍				-3701 Apr 09 j 22:29	0°H		
	-3704 Nov 02 j 21:19	0°♌				-3701 May 04 j 13:44	0°Y		
evening max el	-3704 Nov 18 j 15:49	16°♌49'06	47°04'54	morning set		-3701 May 14 j 15:27	12°Y19'38		
	-3704 Dec 02 j 06:52	0°8				-3701 May 29 j 00:34	0°8		
asc. node	-3704 Dec 14 j 08:09	9°855'30		asc. node		-3701 Jun 01 j 04:35	3°854'11		
greatest brilliancy	-3704 Dec 28 j 14:06	18°809'56	-4.8m	max. Earth dist.		-3701 Jun 15 j 11:04	21°832'15	1.72843 AU	
retrograde	-3703 Jan 08 j 10:39	20°823'57							
evening set	-3703 Jan 25 j 18:37	14°829'15		superior conj		-3701 Jun 19 j 15:27	26°843'22	0°41'36	
min. Earth dist.	-3703 Jan 28 j 22:29	12°829'39	0.28638 AU	minimum elong		-3701 Jun 19 j 08:06	26°820'35	0°41'24	
inferior conj	-3703 Jan 29 j 15:47	12°801'53	8°07'56			-3701 Jun 22 j 06:51	0°II		
minimum elong	-3703 Jan 29 j 11:28	12°808'49	8°07'29			-3701 Jul 16 j 09:16	0°☿		
morning rise	-3703 Feb 02 j 04:39	9°847'55		evening rise		-3701 Jul 25 j 21:54	11°☿53'53		
direct	-3703 Feb 19 j 20:40	3°848'54				-3701 Aug 09 j 09:25	0°Ω		
greatest brilliancy	-3703 Feb 28 j 18:56	5°816'58	-4.7m			-3701 Sep 02 j 09:23	0°♍		
desc. node	-3703 Apr 05 j 04:44	29°830'45		desc. node		-3701 Sep 20 j 23:16	23°♍09'54		
	-3703 Apr 05 j 17:26	0°≈				-3701 Sep 26 j 11:09	0°♌		
morning max el	-3703 Apr 09 j 14:33	3°≈38'23	45°49'59			-3701 Oct 20 j 16:28	0°♍		
	-3703 May 05 j 09:42	0°H				-3701 Nov 14 j 03:51	0°♌		
	-3703 Jun 01 j 07:58	0°Y				-3701 Dec 09 j 02:54	0°8		
	-3703 Jun 27 j 00:11	0°8				-3700 Jan 04 j 03:02	0°≈		
	-3703 Jul 21 j 21:15	0°II		asc. node		-3700 Jan 11 j 19:46	8°≈28'18		
asc. node	-3703 Jul 27 j 02:29	6°II23'13		evening max el		-3700 Jan 29 j 11:57	26°≈48'14	45°39'54	
	-3703 Aug 15 j 04:50	0°☿				-3700 Feb 01 j 19:17	0°H		
greatest brilliancy	-3703 Sep 05 j 03:54	26°☿14'09	-3.9m	greatest brilliancy		-3700 Mar 07 j 14:20	25°H09'44	-4.7m	
	-3703 Sep 08 j 03:42	0°Ω		retrograde		-3700 Mar 18 j 09:33	27°H16'47		
	-3703 Oct 01 j 22:29	0°♍		evening set		-3700 Apr 03 j 15:41	22°H11'38		
morning set	-3703 Oct 05 j 09:21	4°♍21'41		inferior conj		-3700 Apr 08 j 20:31	19°H01'05	5°03'39	
	-3703 Oct 25 j 16:57	0°♌		minimum elong		-3700 Apr 09 j 05:14	18°H47'21	5°01'41	
desc. node	-3703 Nov 15 j 21:47	26°♌40'23		min. Earth dist.		-3700 Apr 09 j 11:12	18°H37'58	0.29258 AU	
				morning rise		-3700 Apr 14 j 18:34	15°H25'09		
superior conj	-3703 Nov 16 j 02:57	26°♌56'38	-0°00'31	direct		-3700 Apr 30 j 15:33	10°H35'11		
minimum elong	-3703 Nov 16 j 02:46	26°♌56'03	0°00'34	desc. node		-3700 May 02 j 16:09	10°H39'55		
behind sun begin	-3703 Nov 14 j 23:45	25°♌31'14		greatest brilliancy		-3700 May 11 j 07:12	12°H37'11	-4.7m	
behind sun end	-3703 Nov 17 j 05:48	28°♌20'51				-3700 Jun 07 j 00:50	0°Y		
	-3703 Nov 18 j 13:25	0°♍		morning max el		-3700 Jun 18 j 18:41	10°Y43'08	45°59'23	
max. Earth dist.	-3703 Nov 20 j 20:25	2°♍52'27	1.71281 AU			-3700 Jul 07 j 15:50	0°8		
	-3703 Dec 12 j 12:51	0°♌				-3700 Aug 03 j 10:56	0°II		
evening rise	-3703 Dec 28 j 01:57	19°♌21'32		asc. node		-3700 Aug 23 j 14:14	23°II49'25		
	-3702 Jan 05 j 15:36	0°8				-3700 Aug 28 j 16:59	0°☿		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3700 Sep 22 j 03:22	0°♌		asc. node	-3697 Feb 08 j 07:43	28°♊22'57	
	-3700 Oct 16 j 04:02	0°♍			-3697 Feb 09 j 16:49	0°♋	
	-3700 Nov 09 j 01:45	0°♎			-3697 Mar 07 j 22:34	0°♌	
	-3700 Dec 03 j 00:36	0°♏			-3697 Apr 05 j 09:20	0°♍	
desc. node	-3700 Dec 13 j 09:54	12°♌58'07		evening max el	-3697 Apr 10 j 09:25	4°♌50'28	45°08'58
morning set	-3700 Dec 21 j 19:03	23°♌24'38			-3697 May 13 j 09:08	0°♎	
	-3700 Dec 27 j 02:09	0°♐		greatest brilliancy	-3697 May 18 j 06:09	2°♎03'08	-4.7m
	-3699 Jan 20 j 06:27	0°♑		retrograde	-3697 May 28 j 15:34	3°♎58'03	
				desc. node	-3697 May 31 j 03:45	3°♎50'48	
superior conj	-3699 Jan 31 j 09:47	13°♑46'47	-1°21'57		-3697 Jun 12 j 03:24	30°♏♌	
minimum elong	-3699 Jan 31 j 05:33	13°♑33'41	1°22'03	evening set	-3697 Jun 12 j 17:28	29°♏41'30	
max. Earth dist.	-3699 Feb 03 j 05:59	17°♑17'27	1.72902 AU	inferior conj	-3697 Jun 18 j 22:19	26°♏03'40	-4°14'51
	-3699 Feb 13 j 13:09	0°♒		minimum elong	-3697 Jun 18 j 13:49	26°♏16'42	4°12'32
	-3699 Mar 09 j 22:16	0°♋		min. Earth dist.	-3697 Jun 19 j 07:33	25°♏49'31	0.28260 AU
evening rise	-3699 Mar 10 j 11:35	0°♋40'53		morning rise	-3697 Jun 24 j 09:32	22°♏48'19	
greatest brilliancy	-3699 Mar 12 j 09:09	3°♋00'41	-3.9m	direct	-3697 Jul 10 j 10:37	17°♏56'49	
	-3699 Apr 03 j 10:03	0°♌		greatest brilliancy	-3697 Jul 21 j 11:45	20°♏09'07	-4.8m
asc. node	-3699 Apr 05 j 06:11	2°♌14'50			-3697 Aug 07 j 06:25	0°♎	
	-3699 Apr 28 j 00:55	0°♍		morning max el	-3697 Aug 29 j 11:54	19°♎50'13	46°36'00
	-3699 May 22 j 19:32	0°♎			-3697 Sep 08 j 07:41	0°♏	
	-3699 Jun 16 j 19:31	0°♏		asc. node	-3697 Sep 21 j 01:59	13°♏59'26	
	-3699 Jul 12 j 04:41	0°♌			-3697 Oct 05 j 00:29	0°♌	
desc. node	-3699 Jul 26 j 00:54	16°♌02'43			-3697 Oct 30 j 03:10	0°♍	
	-3699 Aug 07 j 07:33	0°♎			-3697 Nov 23 j 15:35	0°♎	
	-3699 Sep 04 j 04:09	0°♏			-3697 Dec 18 j 00:06	0°♏	
evening max el	-3699 Sep 05 j 20:10	1°♏41'02	47°29'02	desc. node	-3696 Jan 10 j 21:55	29°♎25'57	
	-3699 Oct 10 j 00:54	0°♌			-3696 Jan 11 j 09:00	0°♐	
greatest brilliancy	-3699 Oct 16 j 17:24	3°♌05'01	-4.9m		-3696 Feb 04 j 19:15	0°♑	
retrograde	-3699 Oct 26 j 16:19	4°♌58'50			-3696 Feb 29 j 06:25	0°♒	
evening set	-3699 Nov 10 j 03:13	0°♌44'27		morning set	-3696 Mar 05 j 01:29	5°♒52'36	
	-3699 Nov 11 j 10:56	30°♏♌			-3696 Mar 24 j 17:47	0°♋	
min. Earth dist.	-3699 Nov 15 j 14:50	27°♏29'38	0.26567 AU	max. Earth dist.	-3696 Apr 09 j 15:44	19°♋31'13	1.73733 AU
asc. node	-3699 Nov 15 j 22:34	27°♏17'40					
inferior conj	-3699 Nov 16 j 06:08	27°♏05'59	0°04'51	superior conj	-3696 Apr 10 j 16:38	20°♋47'37	-0°48'31
minimum elong	-3699 Nov 16 j 05:57	27°♏06'16	0°04'44	minimum elong	-3696 Apr 11 j 00:40	21°♋12'13	0°48'14
transit middle	-3699 Nov 16 j 05:57	27°♏06'16	0°04'44		-3696 Apr 18 j 04:41	0°♌	
transit begin	-3699 Nov 16 j 02:04	27°♏12'16		asc. node	-3696 May 02 j 18:28	17°♌54'11	
transit end	-3699 Nov 16 j 09:50	27°♏00'15			-3696 May 12 j 14:40	0°♍	
morning rise	-3699 Nov 22 j 09:26	23°♏29'25		evening rise	-3696 May 16 j 13:24	4°♍51'18	
direct	-3699 Dec 06 j 13:17	19°♏27'29			-3696 Jun 05 j 23:34	0°♎	
greatest brilliancy	-3699 Dec 15 j 23:48	21°♏10'03	-4.9m		-3696 Jun 30 j 07:58	0°♏	
	-3699 Dec 31 j 22:14	0°♌			-3696 Jul 24 j 17:18	0°♌	
morning max el	-3698 Jan 25 j 07:05	21°♌16'25	46°20'30		-3696 Aug 18 j 05:43	0°♍	
	-3698 Feb 02 j 23:14	0°♐		desc. node	-3696 Aug 22 j 13:07	5°♍14'47	
	-3698 Mar 02 j 18:58	0°♑			-3696 Sep 12 j 00:17	0°♎	
desc. node	-3698 Mar 07 j 19:27	5°♑37'23			-3696 Oct 07 j 06:36	0°♏	
	-3698 Mar 29 j 03:54	0°♒			-3696 Nov 02 j 15:33	0°♐	
	-3698 Apr 23 j 19:27	0°♋		evening max el	-3696 Nov 16 j 06:01	14°♐26'25	47°07'30
	-3698 May 18 j 23:07	0°♌			-3696 Dec 02 j 12:43	0°♑	
	-3698 Jun 12 j 16:55	0°♍		asc. node	-3696 Dec 13 j 10:14	8°♑40'05	
asc. node	-3698 Jun 28 j 16:37	19°♍37'49		greatest brilliancy	-3696 Dec 26 j 07:21	15°♑55'31	-4.8m
	-3698 Jul 07 j 01:56	0°♎		retrograde	-3695 Jan 06 j 02:48	18°♑09'11	
morning set	-3698 Jul 21 j 15:04	18°♎05'32		evening set	-3695 Jan 23 j 08:37	12°♑18'10	
	-3698 Jul 31 j 03:43	0°♏		min. Earth dist.	-3695 Jan 26 j 13:53	10°♑16'41	0.28572 AU
	-3698 Aug 24 j 00:44	0°♌		inferior conj	-3695 Jan 27 j 07:58	9°♑47'42	8°03'23
max. Earth dist.	-3698 Aug 26 j 13:33	3°♌11'28	1.71167 AU	minimum elong	-3695 Jan 27 j 02:59	9°♑55'41	8°02'51
				morning rise	-3695 Jan 30 j 21:40	7°♑32'29	
superior conj	-3698 Aug 28 j 13:35	5°♌42'46	1°23'11	direct	-3695 Feb 17 j 11:24	1°♑35'42	
minimum elong	-3698 Aug 28 j 16:36	5°♌52'15	1°23'17	greatest brilliancy	-3695 Feb 26 j 10:02	3°♑03'55	-4.7m
	-3698 Sep 16 j 19:58	0°♍		desc. node	-3695 Apr 04 j 06:53	28°♑39'08	
evening rise	-3698 Oct 08 j 04:26	26°♍53'06			-3695 Apr 05 j 17:26	0°♒	
	-3698 Oct 10 j 15:53	0°♎		morning max el	-3695 Apr 07 j 05:18	1°♒24'56	45°50'31
desc. node	-3698 Oct 18 j 11:39	9°♎49'38			-3695 May 05 j 01:57	0°♋	
	-3698 Nov 03 j 14:06	0°♏			-3695 May 31 j 21:38	0°♌	
	-3698 Nov 27 j 15:35	0°♐			-3695 Jun 26 j 12:40	0°♍	
	-3698 Dec 21 j 21:55	0°♑			-3695 Jul 21 j 09:09	0°♎	
	-3697 Jan 15 j 12:19	0°♒		asc. node	-3695 Jul 26 j 04:37	5°♎53'28	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3695 Aug 14 j 16:26	0°☿				-3692 Feb 01 j 19:01	0°♄	
greatest brilliancy	-3695 Sep 06 j 09:51	28°☿27'41	-3.9m	greatest brilliancy	-3692 Mar 05 j 07:02	23°♄02'17	-4.7m	
	-3695 Sep 07 j 15:11	0°♌		retrograde	-3692 Mar 16 j 02:58	25°♄09'40		
	-3695 Oct 01 j 09:54	0°♍		evening set	-3692 Apr 01 j 11:07	20°♄00'51		
morning set	-3695 Oct 02 j 20:18	1°♍48'39		inferior conj	-3692 Apr 06 j 13:29	16°♄53'18	5°18'18	
	-3695 Oct 25 j 04:19	0°♎		minimum elong	-3692 Apr 06 j 22:21	16°♄39'19	5°16'21	
				min. Earth dist.	-3692 Apr 07 j 03:15	16°♄31'35	0.29271 AU	
superior conj	-3695 Nov 13 j 11:36	24°♎17'27	0°03'34	morning rise	-3692 Apr 12 j 09:30	13°♄20'11		
minimum elong	-3695 Nov 13 j 12:33	24°♎20'29	0°03'28	direct	-3692 Apr 28 j 08:59	8°♄27'27		
behind sun begin	-3695 Nov 12 j 09:53	22°♎56'42		desc. node	-3692 May 01 j 18:12	8°♄40'32		
behind sun end	-3695 Nov 14 j 15:14	25°♎44'14		greatest brilliancy	-3692 May 08 j 22:08	10°♄27'34	-4.7m	
desc. node	-3695 Nov 14 j 23:48	26°♎11'07			-3692 Jun 07 j 04:37	0°♅		
max. Earth dist.	-3695 Nov 18 j 00:19	29°♎58'37	1.71238 AU	morning max el	-3692 Jun 16 j 11:32	8°♅34'49	45°58'23	
	-3695 Nov 18 j 00:45	0°♏			-3692 Jul 07 j 08:53	0°♆		
	-3695 Dec 12 j 00:11	0°♐			-3692 Aug 03 j 01:01	0°♇		
evening rise	-3695 Dec 25 j 13:03	16°♐51'39		asc. node	-3692 Aug 22 j 16:31	23°♇17'13		
	-3694 Jan 05 j 02:57	0°♑			-3692 Aug 28 j 05:47	0°☿		
	-3694 Jan 29 j 09:46	0°♒			-3692 Sep 21 j 15:32	0°♌		
	-3694 Feb 22 j 22:15	0°♋			-3692 Oct 15 j 15:52	0°♍		
asc. node	-3694 Mar 07 j 20:04	15°♋38'21			-3692 Nov 08 j 13:24	0°♎		
	-3694 Mar 19 j 18:52	0°♅			-3692 Dec 02 j 12:05	0°♏		
	-3694 Apr 14 j 03:07	0°♆		desc. node	-3692 Dec 12 j 11:59	12°♏29'05		
	-3694 May 10 j 05:13	0°♇		morning set	-3692 Dec 19 j 05:25	20°♏52'11		
	-3694 Jun 06 j 17:06	0°☿			-3692 Dec 26 j 13:27	0°♐		
evening max el	-3694 Jun 21 j 14:23	15°☿00'39	46°07'15		-3691 Jan 19 j 17:35	0°♑		
desc. node	-3694 Jun 27 j 15:17	20°☿42'12						
	-3694 Jul 08 j 08:10	0°♌		superior conj	-3691 Jan 28 j 23:35	11°♑26'45	-1°21'09	
greatest brilliancy	-3694 Aug 01 j 03:01	14°♌18'52	-4.8m	minimum elong	-3691 Jan 28 j 18:33	11°♑11'10	1°21'14	
retrograde	-3694 Aug 10 j 04:37	15°♌49'59		max. Earth dist.	-3691 Feb 01 j 01:12	15°♑14'15	1.72849 AU	
evening set	-3694 Aug 28 j 02:09	9°♌52'27			-3691 Feb 13 j 00:12	0°♒		
inferior conj	-3694 Aug 30 j 23:14	8°♌09'19	-8°48'43	evening rise	-3691 Mar 08 j 04:19	28°♒31'01		
minimum elong	-3694 Aug 31 j 03:27	8°♌02'58	8°48'22		-3691 Mar 09 j 09:18	0°♋		
min. Earth dist.	-3694 Aug 31 j 10:35	7°♌52'12	0.26972 AU	greatest brilliancy	-3691 Mar 10 j 21:31	1°♋51'09	-3.9m	
morning rise	-3694 Sep 03 j 04:35	6°♌13'46			-3691 Apr 02 j 21:12	0°♅		
direct	-3694 Sep 20 j 14:09	0°♌26'03		asc. node	-3691 Apr 04 j 08:14	1°♅46'58		
greatest brilliancy	-3694 Oct 01 j 10:41	2°♌39'42	-4.9m		-3691 Apr 27 j 12:21	0°♆		
asc. node	-3694 Oct 18 j 13:14	13°♌02'30			-3691 May 22 j 07:27	0°♇		
	-3694 Nov 06 j 08:57	0°♍			-3691 Jun 16 j 08:15	0°☿		
morning max el	-3694 Nov 10 j 10:26	4°♍06'01	46°51'54		-3691 Jul 11 j 18:47	0°♌		
	-3694 Dec 04 j 07:37	0°♎		desc. node	-3691 Jul 25 j 03:08	15°♌25'23		
	-3694 Dec 30 j 06:42	0°♏			-3691 Aug 07 j 00:15	0°♍		
	-3693 Jan 24 j 14:40	0°♐		evening max el	-3691 Sep 03 j 10:45	29°♍18'14	47°27'20	
desc. node	-3693 Feb 07 j 09:51	16°♐28'43			-3691 Sep 04 j 03:26	0°♎		
	-3693 Feb 18 j 16:38	0°♑			-3691 Oct 12 j 17:26	0°♏		
	-3693 Mar 15 j 14:57	0°♒		greatest brilliancy	-3691 Oct 14 j 07:43	0°♏36'56	-4.9m	
	-3693 Apr 09 j 09:47	0°♋		retrograde	-3691 Oct 24 j 05:11	2°♏28'58		
	-3693 May 04 j 00:48	0°♅			-3691 Nov 04 j 04:07	30°♏♎		
morning set	-3693 May 12 j 10:39	10°♅17'39		evening set	-3691 Nov 07 j 16:52	28°♎14'34		
	-3693 May 28 j 11:31	0°♆		min. Earth dist.	-3691 Nov 13 j 04:47	24°♎59'02	0.26529 AU	
asc. node	-3693 May 31 j 06:38	3°♆26'48		inferior conj	-3691 Nov 13 j 18:48	24°♎37'23	-0°19'10	
max. Earth dist.	-3693 Jun 13 j 08:25	19°♆35'50	1.72897 AU	minimum elong	-3691 Nov 13 j 19:30	24°♎36'17	0°19'00	
				asc. node	-3691 Nov 15 j 00:41	23°♎51'20		
superior conj	-3693 Jun 17 j 09:57	24°♆37'54	0°38'51	morning rise	-3691 Nov 19 j 22:53	20°♎59'48		
minimum elong	-3693 Jun 17 j 02:59	24°♆16'17	0°38'41	direct	-3691 Dec 04 j 01:56	16°♎59'51		
	-3693 Jun 21 j 17:50	0°♇		greatest brilliancy	-3691 Dec 13 j 13:29	18°♎43'13	-4.9m	
	-3693 Jul 15 j 20:23	0°☿			-3690 Jan 01 j 17:04	0°♏		
evening rise	-3693 Jul 23 j 14:32	9°☿41'01		morning max el	-3690 Jan 22 j 19:59	18°♏52'33	46°21'51	
	-3693 Aug 08 j 20:45	0°♌			-3690 Feb 02 j 19:23	0°♐		
	-3693 Sep 01 j 20:59	0°♍			-3690 Mar 02 j 10:18	0°♑		
desc. node	-3693 Sep 20 j 01:24	22°♍39'38		desc. node	-3690 Mar 06 j 21:37	5°♑01'38		
	-3693 Sep 25 j 23:05	0°♎			-3690 Mar 28 j 17:10	0°♒		
	-3693 Oct 20 j 04:48	0°♏			-3690 Apr 23 j 07:37	0°♋		
	-3693 Nov 13 j 16:45	0°♐			-3690 May 18 j 10:41	0°♅		
	-3693 Dec 08 j 16:49	0°♑			-3690 Jun 12 j 04:07	0°♆		
	-3692 Jan 03 j 19:16	0°♒		asc. node	-3690 Jun 27 j 18:46	19°♆10'22		
asc. node	-3692 Jan 10 j 21:54	7°♒47'01			-3690 Jul 06 j 12:57	0°♇		
evening max el	-3692 Jan 27 j 04:25	24°♒37'21	45°42'30	morning set	-3690 Jul 19 j 07:19	15°♇52'19		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3690 Jul 30 j 14:40	0°☿		min. Earth dist.	-3687 Jan 24 j 05:00	8°☿04'24	0.28512 AU
	-3690 Aug 23 j 11:44	0°♌		inferior conj	-3687 Jan 25 j 00:03	7°☿33'56	7°58'02
max. Earth dist.	-3690 Aug 23 j 20:24	0°♌27'18	1.71210 AU	minimum elong	-3687 Jan 24 j 18:27	7°☿42'53	7°57'23
				morning rise	-3687 Jan 28 j 14:55	5°☿17'11	
superior conj	-3690 Aug 26 j 03:31	3°♌20'50	1°23'37		-3687 Feb 09 j 13:07	30°☿27'17	
minimum elong	-3690 Aug 26 j 05:40	3°♌27'35	1°23'44	direct	-3687 Feb 15 j 02:13	29°☿22'44	
	-3690 Sep 16 j 07:03	0°♍			-3687 Feb 20 j 19:46	0°☿	
evening rise	-3690 Oct 05 j 14:02	24°♍17'12		greatest brilliancy	-3687 Feb 24 j 00:58	0°☿51'08	-4.8m
	-3690 Oct 10 j 03:06	0°♎		desc. node	-3687 Apr 03 j 08:54	27°☿48'41	
desc. node	-3690 Oct 17 j 13:39	9°♎20'35		morning max el	-3687 Apr 04 j 20:55	29°☿13'58	45°51'02
	-3690 Nov 03 j 01:27	0°♏			-3687 Apr 05 j 16:12	0°♐	
	-3690 Nov 27 j 03:06	0°♏			-3687 May 04 j 17:43	0°♑	
	-3690 Dec 21 j 09:41	0°♑			-3687 May 31 j 10:57	0°♒	
	-3689 Jan 15 j 00:34	0°♒			-3687 Jun 26 j 00:49	0°♓	
asc. node	-3689 Feb 07 j 09:58	27°♒51'03			-3687 Jul 20 j 20:42	0°♈	
	-3689 Feb 09 j 06:00	0°♓		asc. node	-3687 Jul 25 j 06:48	5°♈24'59	
	-3689 Mar 07 j 13:52	0°♈			-3687 Aug 14 j 03:42	0°♉	
	-3689 Apr 05 j 06:39	0°♉		greatest brilliancy	-3687 Sep 06 j 22:30	29°♉48'01	-3.9m
evening max el	-3689 Apr 07 j 23:38	2°♉35'58	45°08'31		-3687 Sep 07 j 02:19	0°♊	
greatest brilliancy	-3689 May 15 j 20:39	29°♊50'11	-4.7m	morning set	-3687 Sep 30 j 07:37	29°♊17'52	
	-3689 May 16 j 07:57	0°♋			-3687 Sep 30 j 20:58	0°♌	
retrograde	-3689 May 26 j 06:00	1°♋45'31			-3687 Oct 24 j 15:20	0°♍	
desc. node	-3689 May 30 j 05:50	1°♋27'01					
	-3689 Jun 04 j 18:53	30°♋08'00		superior conj	-3687 Nov 10 j 20:32	21°♋40'11	0°07'34
evening set	-3689 Jun 10 j 06:56	27°♋30'20		minimum elong	-3687 Nov 10 j 22:36	21°♋46'41	0°07'25
inferior conj	-3689 Jun 16 j 13:26	23°♋50'30	-3°56'18	behind sun begin	-3687 Nov 09 j 22:07	20°♋29'44	
minimum elong	-3689 Jun 16 j 05:23	24°♋02'50	3°54'03	behind sun end	-3687 Nov 11 j 23:05	23°♋03'37	
min. Earth dist.	-3689 Jun 16 j 23:23	23°♋35'14	0.28300 AU	desc. node	-3687 Nov 14 j 01:56	25°♋43'16	
morning rise	-3689 Jun 22 j 03:07	20°♋31'28		max. Earth dist.	-3687 Nov 15 j 06:03	27°♋11'33	1.71195 AU
direct	-3689 Jul 08 j 01:31	15°♋42'36			-3687 Nov 17 j 11:45	0°♎	
greatest brilliancy	-3689 Jul 19 j 04:13	17°♋55'46	-4.8m		-3687 Dec 11 j 11:09	0°♏	
	-3689 Aug 07 j 19:44	0°♐		evening rise	-3687 Dec 23 j 00:20	14°♏23'25	
morning max el	-3689 Aug 27 j 01:52	17°♐29'32	46°34'58		-3686 Jan 04 j 13:56	0°☿	
	-3689 Sep 08 j 02:34	0°☿			-3686 Jan 28 j 20:50	0°♐	
asc. node	-3689 Sep 20 j 04:00	13°☿18'24			-3686 Feb 22 j 09:33	0°♑	
	-3689 Oct 04 j 15:25	0°♌		asc. node	-3686 Mar 06 j 22:05	15°♑09'36	
	-3689 Oct 29 j 16:28	0°♍			-3686 Mar 19 j 06:41	0°♒	
	-3689 Nov 23 j 04:01	0°♎			-3686 Apr 13 j 15:56	0°♓	
	-3689 Dec 17 j 12:00	0°♏			-3686 May 09 j 19:57	0°♈	
desc. node	-3688 Jan 10 j 00:06	28°♏57'14			-3686 Jun 06 j 12:12	0°♉	
	-3688 Jan 10 j 20:31	0°♑		evening max el	-3686 Jun 19 j 04:16	12°♉41'33	46°04'18
	-3688 Feb 04 j 06:28	0°♒		desc. node	-3686 Jun 26 j 17:31	19°♉45'21	
	-3688 Feb 28 j 17:25	0°♓			-3686 Jul 08 j 21:29	0°♊	
morning set	-3688 Mar 02 j 17:48	3°♓41'56		greatest brilliancy	-3686 Jul 29 j 13:28	11°♊51'56	-4.8m
	-3688 Mar 24 j 04:36	0°♈		retrograde	-3686 Aug 07 j 17:14	13°♊24'18	
max. Earth dist.	-3688 Apr 07 j 11:32	17°♈31'47	1.73731 AU	evening set	-3686 Aug 25 j 15:20	7°♊25'11	
				inferior conj	-3686 Aug 28 j 11:37	5°♊43'08	-8°52'20
superior conj	-3688 Apr 08 j 11:04	18°♈43'56	-0°51'00	minimum elong	-3686 Aug 28 j 14:54	5°♊38'10	8°52'03
minimum elong	-3688 Apr 08 j 19:19	19°♈09'14	0°50'43	min. Earth dist.	-3686 Aug 28 j 22:23	5°♊26'53	0.27019 AU
	-3688 Apr 17 j 15:26	0°♉		morning rise	-3686 Aug 31 j 14:22	3°♊51'28	
asc. node	-3688 May 01 j 20:31	17°♉27'22			-3686 Sep 08 j 05:37	30°♊05'37	
	-3688 May 12 j 01:28	0°♊		direct	-3686 Sep 18 j 03:55	27°♊59'17	
evening rise	-3688 May 14 j 08:48	2°♊50'05			-3686 Sep 28 j 10:35	0°♋	
	-3688 Jun 05 j 10:34	0°♋		greatest brilliancy	-3686 Sep 28 j 23:29	0°♋12'21	-4.9m
	-3688 Jun 29 j 19:18	0°☿		asc. node	-3686 Oct 17 j 15:22	11°♋48'23	
	-3688 Jul 24 j 05:05	0°♌			-3686 Nov 06 j 08:47	0°♍	
	-3688 Aug 17 j 18:07	0°♍		morning max el	-3686 Nov 08 j 00:51	1°♍42'00	46°52'15
desc. node	-3688 Aug 21 j 15:15	4°♍43'12			-3686 Dec 04 j 00:21	0°♎	
	-3688 Sep 11 j 13:33	0°♎			-3686 Dec 29 j 20:48	0°♏	
	-3688 Oct 06 j 21:24	0°♏			-3685 Jan 24 j 03:24	0°♐	
	-3688 Nov 02 j 09:46	0°♑		desc. node	-3685 Feb 06 j 12:00	15°♐58'36	
evening max el	-3688 Nov 13 j 20:31	12°♐05'45	47°09'59		-3685 Feb 18 j 04:31	0°☿	
	-3688 Dec 02 j 20:18	0°☿			-3685 Mar 15 j 02:16	0°♐	
asc. node	-3688 Dec 12 j 12:23	7°☿23'36			-3685 Apr 08 j 20:45	0°♑	
greatest brilliancy	-3688 Dec 23 j 23:50	13°☿40'55	-4.9m		-3685 May 03 j 11:34	0°♒	
retrograde	-3687 Jan 03 j 19:13	15°☿55'06		morning set	-3685 May 10 j 05:40	8°♒15'56	
evening set	-3687 Jan 20 j 22:19	10°☿07'43			-3685 May 27 j 22:14	0°♓	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3685 May 30 j 08:50	3°♄00'34		asc. node	-3683 Nov 14 j 02:54	20°♁26'28	
max. Earth dist.	-3685 Jun 11 j 03:31	17°♄33'17	1.72948 AU	morning rise	-3683 Nov 17 j 12:08	18°♁31'00	
				direct	-3683 Dec 01 j 14:00	14°♁32'38	
superior conj	-3685 Jun 15 j 04:15	22°♄32'40	0°36'04	greatest brilliancy	-3683 Dec 11 j 03:43	16°♁17'26	-4.9m
minimum elong	-3685 Jun 14 j 21:41	22°♄12'21	0°35'53		-3682 Jan 02 j 06:54	0°♄	
	-3685 Jun 21 j 04:34	0°♄		morning max el	-3682 Jan 20 j 08:27	16°♄27'46	46°23'12
	-3685 Jul 15 j 07:14	0°♄			-3682 Feb 02 j 14:46	0°♄	
evening rise	-3685 Jul 21 j 07:03	7°♄28'41			-3682 Mar 02 j 01:18	0°♄	
	-3685 Aug 08 j 07:47	0°♄		desc. node	-3682 Mar 05 j 23:35	4°♄25'57	
	-3685 Sep 01 j 08:17	0°♄			-3682 Mar 28 j 06:13	0°♄	
desc. node	-3685 Sep 19 j 03:24	22°♄09'56			-3682 Apr 22 j 19:38	0°♄	
	-3685 Sep 25 j 10:43	0°♄			-3682 May 17 j 22:06	0°♄	
	-3685 Oct 19 j 16:51	0°♄			-3682 Jun 11 j 15:13	0°♄	
	-3685 Nov 13 j 05:23	0°♄		asc. node	-3682 Jun 26 j 20:58	18°♄43'17	
	-3685 Dec 08 j 06:31	0°♄			-3682 Jul 05 j 23:54	0°♄	
asc. node	-3684 Jan 03 j 11:23	0°♄		morning set	-3682 Jul 16 j 23:29	13°♄38'57	
evening max el	-3684 Jan 10 j 00:10	7°♄06'39			-3682 Jul 30 j 01:37	0°♄	
	-3684 Jan 24 j 20:39	22°♄26'46	45°45'04	max. Earth dist.	-3682 Aug 21 j 04:46	27°♄47'49	1.71259 AU
	-3684 Feb 01 j 19:25	0°♄			-3682 Aug 22 j 22:46	0°♄	
greatest brilliancy	-3684 Mar 03 j 00:13	20°♄56'22	-4.7m	superior conj	-3682 Aug 23 j 17:15	0°♄58'13	1°23'54
retrograde	-3684 Mar 13 j 19:55	23°♄03'22		minimum elong	-3682 Aug 23 j 18:32	1°♄02'13	1°24'02
evening set	-3684 Mar 30 j 06:34	17°♄51'00			-3682 Sep 15 j 18:12	0°♄	
inferior conj	-3684 Apr 04 j 06:28	14°♄46'29	5°32'29	evening rise	-3682 Oct 02 j 23:24	21°♄40'29	
minimum elong	-3684 Apr 04 j 15:25	14°♄32'20	5°30'34		-3682 Oct 09 j 14:21	0°♄	
min. Earth dist.	-3684 Apr 04 j 19:30	14°♄25'53	0.29285 AU	desc. node	-3682 Oct 16 j 15:48	8°♄51'54	
morning rise	-3684 Apr 10 j 00:15	11°♄16'08			-3682 Nov 02 j 12:48	0°♄	
direct	-3684 Apr 26 j 02:16	6°♄20'39			-3682 Nov 26 j 14:37	0°♄	
desc. node	-3684 Apr 30 j 20:21	6°♄46'11			-3682 Dec 20 j 21:27	0°♄	
greatest brilliancy	-3684 May 06 j 13:09	8°♄18'43	-4.7m		-3681 Jan 14 j 12:50	0°♄	
	-3684 Jun 07 j 06:36	0°♄		asc. node	-3681 Feb 06 j 11:59	27°♄18'26	
morning max el	-3684 Jun 14 j 03:35	6°♄25'07	45°57'19		-3681 Feb 08 j 19:18	0°♄	
	-3684 Jul 07 j 01:28	0°♄			-3681 Mar 07 j 05:24	0°♄	
	-3684 Aug 02 j 14:48	0°♄			-3681 Apr 05 j 04:44	0°♄	
asc. node	-3684 Aug 21 j 18:34	22°♄44'59		evening max el	-3681 Apr 05 j 14:07	0°♄22'18	45°08'16
	-3684 Aug 27 j 18:20	0°♄		greatest brilliancy	-3681 May 13 j 10:39	27°♄37'04	-4.7m
	-3684 Sep 21 j 03:27	0°♄		retrograde	-3681 May 23 j 20:57	29°♄33'35	
	-3684 Oct 15 j 03:26	0°♄		desc. node	-3681 May 29 j 08:01	28°♄58'45	
	-3684 Nov 08 j 00:46	0°♄		evening set	-3681 Jun 07 j 20:41	25°♄19'15	
	-3684 Dec 01 j 23:17	0°♄		inferior conj	-3681 Jun 14 j 04:37	21°♄37'43	-3°37'30
desc. node	-3684 Dec 11 j 14:08	12°♄01'05		minimum elong	-3681 Jun 13 j 21:06	21°♄49'14	3°35'20
morning set	-3684 Dec 16 j 15:43	18°♄20'11		min. Earth dist.	-3681 Jun 14 j 15:06	21°♄21'41	0.28344 AU
	-3684 Dec 26 j 00:30	0°♄		morning rise	-3681 Jun 19 j 20:45	18°♄15'20	
	-3683 Jan 19 j 04:30	0°♄		direct	-3681 Jul 05 j 16:49	13°♄28'42	
superior conj	-3683 Jan 26 j 13:20	9°♄07'11	-1°20'13	greatest brilliancy	-3681 Jul 16 j 20:38	15°♄42'48	-4.8m
minimum elong	-3683 Jan 26 j 07:31	8°♄49'09	1°20'17		-3681 Aug 08 j 05:40	0°♄	
max. Earth dist.	-3683 Jan 29 j 20:23	13°♄11'34	1.72793 AU	morning max el	-3681 Aug 24 j 16:52	15°♄11'23	46°33'42
	-3683 Feb 12 j 11:01	0°♄			-3681 Sep 07 j 21:08	0°♄	
evening rise	-3683 Mar 05 j 21:00	26°♄21'40		asc. node	-3681 Sep 19 j 06:10	12°♄37'44	
	-3683 Mar 08 j 20:07	0°♄			-3681 Oct 04 j 06:22	0°♄	
greatest brilliancy	-3683 Mar 09 j 04:10	0°♄24'43	-3.9m		-3681 Oct 29 j 05:53	0°♄	
	-3683 Apr 02 j 08:09	0°♄			-3681 Nov 22 j 16:36	0°♄	
asc. node	-3683 Apr 03 j 10:22	1°♄20'02			-3681 Dec 17 j 00:00	0°♄	
	-3683 Apr 26 j 23:37	0°♄		desc. node	-3680 Jan 09 j 02:14	28°♄28'06	
	-3683 May 21 j 19:15	0°♄			-3680 Jan 10 j 08:06	0°♄	
	-3683 Jun 15 j 20:57	0°♄			-3680 Feb 03 j 17:46	0°♄	
	-3683 Jul 11 j 08:58	0°♄			-3680 Feb 28 j 04:29	0°♄	
desc. node	-3683 Jul 24 j 05:13	14°♄47'31		morning set	-3680 Feb 29 j 09:58	1°♄30'27	
	-3683 Aug 06 j 17:13	0°♄			-3680 Mar 23 j 15:32	0°♄	
evening max el	-3683 Sep 01 j 00:20	26°♄53'12	47°25'43	max. Earth dist.	-3680 Apr 05 j 08:23	15°♄35'04	1.73728 AU
	-3683 Sep 04 j 03:40	0°♄		superior conj	-3680 Apr 06 j 05:32	16°♄39'58	-0°53'25
greatest brilliancy	-3683 Oct 11 j 22:36	28°♄09'59	-4.9m	minimum elong	-3680 Apr 06 j 13:58	17°♄05'50	0°53'08
retrograde	-3683 Oct 21 j 17:42	29°♄59'40			-3680 Apr 17 j 02:19	0°♄	
evening set	-3683 Nov 05 j 06:43	25°♄44'51		asc. node	-3680 Apr 30 j 22:45	17°♄00'43	
inferior conj	-3683 Nov 11 j 07:31	22°♄09'27	-0°43'12		-3680 May 11 j 12:24	0°♄	
minimum elong	-3683 Nov 11 j 09:07	22°♄06'58	0°42'44	evening rise	-3680 May 12 j 04:23	0°♄49'06	
min. Earth dist.	-3683 Nov 10 j 19:06	22°♄28'39	0.26492 AU				

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3680 Jun 04 j 21:41	0°♐				-3678 Oct 01 j 09:27	0°♐	
	-3680 Jun 29 j 06:45	0°♑		asc. node		-3678 Oct 16 j 17:37	10°♐36'23	
	-3680 Jul 23 j 17:02	0°♑		morning max el		-3678 Nov 05 j 14:40	29°♐15'49	46°52'20
	-3680 Aug 17 j 06:44	0°♒				-3678 Nov 06 j 07:52	0°♒	
desc. node	-3680 Aug 20 j 17:15	4°♒10'32				-3678 Dec 03 j 17:06	0°♑	
	-3680 Sep 11 j 03:10	0°♑				-3678 Dec 29 j 11:09	0°♒	
	-3680 Oct 06 j 12:44	0°♒				-3677 Jan 23 j 16:29	0°♑	
	-3680 Nov 02 j 04:51	0°♑		desc. node		-3677 Feb 05 j 14:00	15°♑26'52	
evening max el	-3680 Nov 11 j 12:01	9°♑46'29	47°12'30			-3677 Feb 17 j 16:47	0°♑	
	-3680 Dec 03 j 07:17	0°♑				-3677 Mar 14 j 13:57	0°♑	
asc. node	-3680 Dec 11 j 14:35	6°♑03'40				-3677 Apr 08 j 08:04	0°♑	
greatest brilliancy	-3680 Dec 21 j 15:52	11°♑24'22	-4.9m			-3677 May 02 j 22:40	0°♑	
retrograde	-3679 Jan 01 j 11:58	13°♑39'29		morning set		-3677 May 08 j 00:40	6°♑13'17	
evening set	-3679 Jan 18 j 11:42	7°♑55'55				-3677 May 27 j 09:15	0°♑	
min. Earth dist.	-3679 Jan 21 j 19:39	5°♑50'59	0.28444 AU	asc. node		-3677 May 29 j 10:57	2°♑33'07	
inferior conj	-3679 Jan 22 j 15:57	5°♑18'36	7°51'54	max. Earth dist.		-3677 Jun 08 j 21:27	15°♑26'15	1.72999 AU
minimum elong	-3679 Jan 22 j 09:47	5°♑28'27	7°51'07					
morning rise	-3679 Jan 26 j 08:13	3°♑00'03		superior conj		-3677 Jun 12 j 22:44	20°♑27'07	0°33'13
	-3679 Jan 31 j 19:57	30°♑27'07		minimum elong		-3677 Jun 12 j 16:36	20°♑08'09	0°33'03
direct	-3679 Feb 12 j 17:14	27°♑08'24				-3677 Jun 20 j 15:38	0°♐	
greatest brilliancy	-3679 Feb 21 j 15:06	28°♑36'29	-4.8m			-3677 Jul 14 j 18:25	0°♑	
	-3679 Feb 25 j 09:00	0°♑		evening rise		-3677 Jul 18 j 23:56	5°♑16'33	
desc. node	-3679 Apr 02 j 11:09	26°♑59'04				-3677 Aug 07 j 19:09	0°♐	
morning max el	-3679 Apr 02 j 13:14	27°♑04'02	45°51'35			-3677 Aug 31 j 19:54	0°♒	
	-3679 Apr 05 j 14:20	0°♑		desc. node		-3677 Sep 18 j 05:35	21°♒39'56	
	-3679 May 04 j 09:28	0°♑				-3677 Sep 24 j 22:38	0°♑	
	-3679 May 31 j 00:22	0°♑				-3677 Oct 19 j 05:11	0°♒	
	-3679 Jun 25 j 13:08	0°♑				-3677 Nov 12 j 18:22	0°♑	
	-3679 Jul 20 j 08:26	0°♐				-3677 Dec 07 j 20:39	0°♑	
asc. node	-3679 Jul 24 j 08:52	4°♐55'31				-3676 Jan 03 j 04:14	0°♑	
	-3679 Aug 13 j 15:09	0°♑		asc. node		-3676 Jan 09 j 02:11	6°♑23'58	
	-3679 Sep 06 j 13:39	0°♐		evening max el		-3676 Jan 22 j 12:18	20°♑13'15	45°47'34
greatest brilliancy	-3679 Sep 07 j 03:14	0°♐42'47	-3.9m			-3676 Feb 01 j 21:45	0°♑	
morning set	-3679 Sep 27 j 19:10	26°♐47'07		greatest brilliancy		-3676 Feb 29 j 17:54	18°♑49'30	-4.7m
	-3679 Sep 30 j 08:16	0°♒		retrograde		-3676 Mar 11 j 12:32	20°♑55'44	
	-3679 Oct 24 j 02:39	0°♑		evening set		-3676 Mar 28 j 02:02	15°♑39'49	
				inferior conj		-3676 Apr 01 j 23:30	12°♑38'31	5°46'12
superior conj	-3679 Nov 08 j 05:11	19°♑00'56	0°11'35	minimum elong		-3676 Apr 02 j 08:29	12°♑24'16	5°44'21
minimum elong	-3679 Nov 08 j 08:21	19°♑10'52	0°11'23	min. Earth dist.		-3676 Apr 02 j 12:05	12°♑18'34	0.29295 AU
behind sun begin	-3679 Nov 07 j 12:34	18°♑08'41		morning rise		-3676 Apr 07 j 14:54	9°♑11'01	
behind sun end	-3679 Nov 09 j 04:07	20°♑13'01		direct		-3676 Apr 23 j 18:59	4°♑12'43	
max. Earth dist.	-3679 Nov 12 j 13:16	24°♑27'56	1.71160 AU	desc. node		-3676 Apr 29 j 22:31	4°♑54'46	
desc. node	-3679 Nov 13 j 04:06	25°♑14'31		greatest brilliancy		-3676 May 04 j 04:34	6°♑09'11	-4.7m
	-3679 Nov 16 j 23:05	0°♒				-3676 Jun 07 j 07:42	0°♑	
	-3679 Dec 10 j 22:30	0°♑		morning max el		-3676 Jun 11 j 18:55	4°♑12'45	45°56'21
evening rise	-3679 Dec 20 j 11:01	11°♑52'08				-3676 Jul 06 j 18:04	0°♑	
	-3678 Jan 04 j 01:16	0°♑				-3676 Aug 02 j 04:45	0°♐	
	-3678 Jan 28 j 08:14	0°♑		asc. node		-3676 Aug 20 j 20:40	22°♐12'10	
	-3678 Feb 21 j 21:12	0°♑				-3676 Aug 27 j 07:06	0°♑	
asc. node	-3678 Mar 06 j 00:13	14°♑40'14				-3676 Sep 20 j 15:36	0°♐	
	-3678 Mar 18 j 18:52	0°♑				-3676 Oct 14 j 15:15	0°♒	
	-3678 Apr 13 j 05:09	0°♑				-3676 Nov 07 j 12:21	0°♑	
	-3678 May 09 j 11:11	0°♐				-3676 Dec 01 j 10:43	0°♒	
	-3678 Jun 06 j 08:12	0°♑		desc. node		-3676 Dec 10 j 16:11	11°♒32'01	
evening max el	-3678 Jun 16 j 18:50	10°♑23'28	46°01'21	morning set		-3676 Dec 14 j 02:16	15°♒48'07	
desc. node	-3678 Jun 25 j 19:39	18°♑46'19				-3676 Dec 25 j 11:47	0°♑	
	-3678 Jul 09 j 15:29	0°♐				-3675 Jan 18 j 15:40	0°♑	
greatest brilliancy	-3678 Jul 27 j 00:27	9°♐25'36	-4.8m					
retrograde	-3678 Aug 05 j 05:50	10°♐58'39		superior conj		-3675 Jan 24 j 03:05	6°♑46'45	-1°19'08
evening set	-3678 Aug 23 j 04:19	4°♐59'01		minimum elong		-3675 Jan 23 j 20:31	6°♑26'25	1°19'11
inferior conj	-3678 Aug 26 j 00:15	3°♐17'16	-8°54'54	max. Earth dist.		-3675 Jan 27 j 14:07	11°♑03'33	1.72740 AU
minimum elong	-3678 Aug 26 j 02:38	3°♐13'40	8°54'41			-3675 Feb 11 j 22:08	0°♑	
min. Earth dist.	-3678 Aug 26 j 10:32	3°♐01'43	0.27064 AU	evening rise		-3675 Mar 03 j 13:27	24°♑10'32	
morning rise	-3678 Aug 29 j 00:51	1°♐28'38		greatest brilliancy		-3675 Mar 07 j 04:53	28°♑39'06	-3.9m
	-3678 Aug 31 j 15:26	30°♒00'				-3675 Mar 08 j 07:15	0°♑	
direct	-3678 Sep 15 j 17:48	25°♑32'59				-3675 Apr 01 j 19:25	0°♑	
greatest brilliancy	-3678 Sep 26 j 12:20	27°♑44'57	-4.9m	asc. node		-3675 Apr 02 j 12:33	0°♑52'16	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3675 Apr 26 j 11:11	0°♄		desc. node	-3672 Jan 08 j 04:14	27°♌58'27	
	-3675 May 21 j 07:22	0°♊			-3672 Jan 09 j 19:42	0°♈	
	-3675 Jun 15 j 09:59	0°♎			-3672 Feb 03 j 05:03	0°♎	
	-3675 Jul 10 j 23:33	0°♏		morning set	-3672 Feb 27 j 02:12	29°♎19'06	
desc. node	-3675 Jul 23 j 07:15	14°♏08'26			-3672 Feb 27 j 15:32	0°♎	
	-3675 Aug 06 j 10:49	0°♏			-3672 Mar 23 j 02:25	0°♏	
evening max el	-3675 Aug 29 j 13:09	24°♏25'35	47°23'58	max. Earth dist.	-3672 Apr 03 j 07:18	13°♏44'50	1.73725 AU
	-3675 Sep 04 j 05:26	0°♏					
greatest brilliancy	-3675 Oct 09 j 13:41	25°♏42'22	-4.9m	superior conj	-3672 Apr 04 j 00:03	14°♏36'15	-0°55'45
retrograde	-3675 Oct 19 j 06:01	27°♏29'46		minimum elong	-3672 Apr 04 j 08:37	15°♏02'32	0°55'29
evening set	-3675 Nov 02 j 20:41	23°♏13'53			-3672 Apr 16 j 13:09	0°♏	
inferior conj	-3675 Nov 08 j 20:12	19°♏40'52	-1°07'14	asc. node	-3672 Apr 30 j 00:49	16°♏33'40	
minimum elong	-3675 Nov 08 j 22:42	19°♏37'00	1°06'28	evening rise	-3672 May 09 j 24:00	28°♏48'22	
min. Earth dist.	-3675 Nov 08 j 09:35	19°♏57'15	0.26460 AU		-3672 May 10 j 23:19	0°♄	
asc. node	-3675 Nov 13 j 05:00	17°♏03'01			-3672 Jun 04 j 08:50	0°♊	
morning rise	-3675 Nov 15 j 01:09	16°♏01'54			-3672 Jun 28 j 18:15	0°♎	
direct	-3675 Nov 29 j 01:44	12°♏04'26			-3672 Jul 23 j 05:00	0°♏	
greatest brilliancy	-3675 Dec 08 j 18:14	13°♏51'21	-4.9m		-3672 Aug 16 j 19:22	0°♏	
	-3674 Jan 02 j 17:25	0°♌		desc. node	-3672 Aug 19 j 19:27	3°♏38'32	
morning max el	-3674 Jan 17 j 21:12	14°♌03'04	46°24'41		-3672 Sep 10 j 16:50	0°♏	
	-3674 Feb 02 j 09:46	0°♈			-3672 Oct 06 j 04:11	0°♌	
	-3674 Mar 01 j 16:16	0°♎			-3672 Nov 02 j 00:25	0°♈	
desc. node	-3674 Mar 05 j 01:49	3°♎50'51		evening max el	-3672 Nov 09 j 04:22	7°♈29'25	47°14'48
	-3674 Mar 27 j 19:23	0°♎			-3672 Dec 03 j 21:59	0°♎	
	-3674 Apr 22 j 07:50	0°♏		asc. node	-3672 Dec 10 j 16:39	4°♎40'52	
	-3674 May 17 j 09:43	0°♏		greatest brilliancy	-3672 Dec 19 j 07:43	9°♎07'16	-4.9m
	-3674 Jun 11 j 02:30	0°♄		retrograde	-3672 Dec 30 j 04:48	11°♎23'07	
asc. node	-3674 Jun 25 j 22:59	18°♄15'04		evening set	-3671 Jan 16 j 00:47	5°♎43'53	
	-3674 Jul 05 j 11:01	0°♊		min. Earth dist.	-3671 Jan 19 j 10:03	3°♎37'05	0.28372 AU
morning set	-3674 Jul 14 j 15:44	11°♊25'28		inferior conj	-3671 Jan 20 j 07:39	3°♎02'40	7°44'52
	-3674 Jul 29 j 12:43	0°♎		minimum elong	-3671 Jan 20 j 00:56	3°♎13'22	7°43'59
max. Earth dist.	-3674 Aug 18 j 16:11	25°♎17'35	1.71309 AU	morning rise	-3671 Jan 24 j 01:30	0°♎42'00	
					-3671 Jan 25 j 05:46	30°♏♈	
superior conj	-3674 Aug 21 j 07:07	28°♎35'37	1°24'02	direct	-3671 Feb 10 j 08:29	24°♈53'43	
minimum elong	-3674 Aug 21 j 07:31	28°♎36'52	1°24'10	greatest brilliancy	-3671 Feb 19 j 04:42	26°♈20'59	-4.8m
	-3674 Aug 22 j 09:56	0°♏			-3671 Feb 27 j 14:41	0°♎	
	-3674 Sep 15 j 05:29	0°♏		morning max el	-3671 Mar 31 j 05:30	24°♎54'22	45°52'15
evening rise	-3674 Sep 30 j 09:03	19°♏04'13		desc. node	-3671 Apr 01 j 13:14	26°♎10'21	
	-3674 Oct 09 j 01:46	0°♏			-3671 Apr 05 j 11:31	0°♎	
desc. node	-3674 Oct 15 j 17:56	8°♏22'41			-3671 May 04 j 00:48	0°♏	
	-3674 Nov 02 j 00:20	0°♌			-3671 May 30 j 13:31	0°♏	
	-3674 Nov 26 j 02:17	0°♈			-3671 Jun 25 j 01:15	0°♄	
	-3674 Dec 20 j 09:22	0°♎			-3671 Jul 19 j 20:02	0°♊	
	-3673 Jan 14 j 01:14	0°♎		asc. node	-3671 Jul 23 j 11:01	4°♊26'41	
asc. node	-3673 Feb 05 j 14:08	26°♎45'52			-3671 Aug 13 j 02:30	0°♎	
	-3673 Feb 08 j 08:43	0°♏			-3671 Sep 06 j 00:52	0°♏	
	-3673 Mar 06 j 21:13	0°♏		greatest brilliancy	-3671 Sep 07 j 06:09	1°♏32'12	-3.9m
evening max el	-3673 Apr 03 j 05:26	28°♏10'31	45°08'02	morning set	-3671 Sep 25 j 06:43	24°♏16'48	
	-3673 Apr 05 j 03:52	0°♄			-3671 Sep 29 j 19:25	0°♏	
greatest brilliancy	-3673 May 11 j 00:15	25°♄23'22	-4.7m		-3671 Oct 23 j 13:47	0°♏	
retrograde	-3673 May 21 j 12:22	27°♄21'29					
desc. node	-3673 May 28 j 10:06	26°♄25'29		superior conj	-3671 Nov 05 j 13:50	16°♏22'12	0°15'34
evening set	-3673 Jun 05 j 10:45	23°♄07'54		minimum elong	-3671 Nov 05 j 18:03	16°♏35'27	0°15'19
inferior conj	-3673 Jun 11 j 19:51	19°♄24'43	-3°18'17	behind sun begin	-3671 Nov 05 j 08:20	16°♏04'54	
minimum elong	-3673 Jun 11 j 12:53	19°♄35'21	3°16'16	behind sun end	-3671 Nov 06 j 03:46	17°♏05'59	
min. Earth dist.	-3673 Jun 12 j 06:33	19°♄08'20	0.28387 AU	max. Earth dist.	-3671 Nov 09 j 22:48	21°♏52'07	1.71124 AU
morning rise	-3673 Jun 17 j 14:19	15°♄59'16		desc. node	-3671 Nov 12 j 06:06	24°♏45'47	
direct	-3673 Jul 03 j 08:44	11°♄14'46			-3671 Nov 16 j 10:13	0°♌	
greatest brilliancy	-3673 Jul 14 j 12:41	13°♄29'24	-4.8m		-3671 Dec 10 j 09:39	0°♈	
	-3673 Aug 08 j 13:01	0°♊		evening rise	-3671 Dec 17 j 21:35	9°♈20'53	
morning max el	-3673 Aug 22 j 08:39	12°♊55'24	46°32'24		-3670 Jan 03 j 12:27	0°♎	
	-3673 Sep 07 j 15:16	0°♎			-3670 Jan 27 j 19:30	0°♎	
asc. node	-3673 Sep 18 j 08:26	11°♎57'50			-3670 Feb 21 j 08:42	0°♏	
	-3673 Oct 03 j 21:08	0°♏		asc. node	-3670 Mar 05 j 02:27	14°♏11'41	
	-3673 Oct 28 j 19:12	0°♏			-3670 Mar 18 j 06:53	0°♏	
	-3673 Nov 22 j 05:07	0°♏			-3670 Apr 12 j 18:12	0°♄	
	-3673 Dec 16 j 11:59	0°♌			-3670 May 09 j 02:21	0°♊	




































































































































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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3670 Jun 06 j 04:31	0°☿		desc. node	-3668 Dec 09 j 18:17	11°♊03'50	
evening max el	-3670 Jun 14 j 08:47	8°☿04'38	45°58'14	morning set	-3668 Dec 11 j 12:12	13°♊14'41	
desc. node	-3670 Jun 24 j 21:39	17°☿46'17			-3668 Dec 24 j 22:49	0°♊	
	-3670 Jul 10 j 15:21	0°♊			-3667 Jan 18 j 02:34	0°♊	
greatest brilliancy	-3670 Jul 24 j 11:52	7°♊00'16	-4.8m				
retrograde	-3670 Aug 02 j 17:41	8°♊33'17		superior conj	-3667 Jan 21 j 16:17	4°♊25'24	-1°17'53
evening set	-3670 Aug 20 j 16:39	2°♊34'08		minimum elong	-3667 Jan 21 j 09:00	4°♊02'51	1°17'55
inferior conj	-3670 Aug 23 j 12:50	0°♊51'52	-8°56'20	max. Earth dist.	-3667 Jan 25 j 05:35	8°♊49'19	1.72682 AU
minimum elong	-3670 Aug 23 j 14:15	0°♊49'43	8°56'11		-3667 Feb 11 j 08:57	0°♊	
min. Earth dist.	-3670 Aug 23 j 22:59	0°♊36'28	0.27110 AU	evening rise	-3667 Mar 01 j 05:31	21°♊59'09	
	-3670 Aug 24 j 23:08	30°♊☿		greatest brilliancy	-3667 Mar 04 j 19:15	26°♊22'31	-3.9m
morning rise	-3670 Aug 26 j 11:44	29°☿05'27			-3667 Mar 07 j 18:06	0°♊	
direct	-3670 Sep 13 j 07:12	23°☿07'00			-3667 Apr 01 j 06:26	0°♊	
greatest brilliancy	-3670 Sep 24 j 01:46	25°☿18'28	-4.9m	asc. node	-3667 Apr 01 j 14:36	0°♊24'56	
	-3670 Oct 03 j 04:06	0°♊			-3667 Apr 25 j 22:30	0°♊	
asc. node	-3670 Oct 15 j 19:40	9°♊26'19			-3667 May 20 j 19:14	0°♊	
morning max el	-3670 Nov 03 j 03:22	26°♊47'07	46°52'28		-3667 Jun 14 j 22:46	0°♊	
	-3670 Nov 06 j 05:53	0°♊			-3667 Jul 10 j 13:56	0°♊	
	-3670 Dec 03 j 09:21	0°♊		desc. node	-3667 Jul 22 j 09:30	13°♊30'51	
	-3670 Dec 29 j 01:07	0°♊			-3667 Aug 06 j 04:20	0°♊	
	-3669 Jan 23 j 05:12	0°♊		evening max el	-3667 Aug 27 j 01:33	21°♊58'14	47°22'05
desc. node	-3669 Feb 04 j 16:12	14°♊56'40			-3667 Sep 04 j 08:07	0°♊	
	-3669 Feb 17 j 04:43	0°♊		greatest brilliancy	-3667 Oct 07 j 04:04	23°♊14'36	-4.9m
	-3669 Mar 14 j 01:21	0°♊		retrograde	-3667 Oct 16 j 18:17	25°♊00'29	
	-3669 Apr 07 j 19:06	0°♊		evening set	-3667 Oct 31 j 10:37	20°♊42'46	
	-3669 May 02 j 09:29	0°♊		inferior conj	-3667 Nov 06 j 08:41	17°♊12'28	-1°31'15
morning set	-3669 May 05 j 19:44	4°♊11'42		minimum elong	-3667 Nov 06 j 12:04	17°♊07'15	1°30'12
	-3669 May 26 j 19:59	0°♊		min. Earth dist.	-3667 Nov 05 j 23:44	17°♊26'15	0.26438 AU
asc. node	-3669 May 28 j 13:01	2°♊06'27		asc. node	-3667 Nov 12 j 07:07	13°♊42'29	
max. Earth dist.	-3669 Jun 06 j 15:51	13°♊21'43	1.73049 AU	morning rise	-3667 Nov 12 j 13:50	13°♊33'29	
				direct	-3667 Nov 26 j 13:32	9°♊36'07	
superior conj	-3669 Jun 10 j 17:24	18°♊23'15	0°30'21	greatest brilliancy	-3667 Dec 06 j 08:39	11°♊25'26	-4.9m
minimum elong	-3669 Jun 10 j 11:44	18°♊05'42	0°30'13		-3666 Jan 03 j 01:01	0°♊	
	-3669 Jun 20 j 02:23	0°♊		morning max el	-3666 Jan 15 j 10:51	11°♊40'48	46°26'08
	-3669 Jul 14 j 05:18	0°♊			-3666 Feb 02 j 04:06	0°♊	
evening rise	-3669 Jul 16 j 17:04	3°☿06'16			-3666 Mar 01 j 06:50	0°♊	
	-3669 Aug 07 j 06:15	0°♊		desc. node	-3666 Mar 04 j 03:57	3°♊16'18	
	-3669 Aug 31 j 07:18	0°♊			-3666 Mar 27 j 08:13	0°♊	
desc. node	-3669 Sep 17 j 07:42	21°♊10'20			-3666 Apr 21 j 19:42	0°♊	
	-3669 Sep 24 j 10:23	0°♊			-3666 May 16 j 21:03	0°♊	
	-3669 Oct 18 j 17:22	0°♊			-3666 Jun 10 j 13:31	0°♊	
	-3669 Nov 12 j 07:11	0°♊		asc. node	-3666 Jun 25 j 01:09	17°♊48'06	
	-3669 Dec 07 j 10:41	0°♊			-3666 Jul 04 j 21:53	0°♊	
	-3668 Jan 02 j 21:06	0°♊		morning set	-3666 Jul 12 j 08:14	9°♊13'43	
asc. node	-3668 Jan 08 j 04:21	5°♊42'00			-3666 Jul 28 j 23:33	0°♊	
evening max el	-3668 Jan 20 j 02:51	17°♊57'39	45°50'13	max. Earth dist.	-3666 Aug 16 j 04:32	22°♊51'14	1.71355 AU
	-3668 Feb 02 j 01:18	0°♊					
greatest brilliancy	-3668 Feb 27 j 11:28	16°♊43'03	-4.7m	superior conj	-3666 Aug 18 j 21:24	26°♊15'17	1°24'01
retrograde	-3668 Mar 09 j 04:55	18°♊48'51		minimum elong	-3666 Aug 18 j 20:57	26°♊13'51	1°24'09
evening set	-3668 Mar 25 j 21:26	13°♊29'03			-3666 Aug 21 j 20:49	0°♊	
inferior conj	-3668 Mar 30 j 16:28	10°♊31'14	5°59'25		-3666 Sep 14 j 16:28	0°♊	
minimum elong	-3668 Mar 31 j 01:27	10°♊16'59	5°57'38	evening rise	-3666 Sep 27 j 19:11	16°♊30'28	
min. Earth dist.	-3668 Mar 31 j 04:50	10°♊11'37	0.29304 AU		-3666 Oct 08 j 12:52	0°♊	
morning rise	-3668 Apr 05 j 05:22	7°♊06'50		desc. node	-3666 Oct 14 j 19:57	7°♊54'04	
direct	-3668 Apr 21 j 11:14	2°♊05'16			-3666 Nov 01 j 11:34	0°♊	
desc. node	-3668 Apr 29 j 00:34	3°♊07'53			-3666 Nov 25 j 13:42	0°♊	
greatest brilliancy	-3668 May 01 j 20:30	4°♊00'57	-4.7m		-3666 Dec 19 j 21:06	0°♊	
	-3668 Jun 07 j 07:14	0°♊			-3665 Jan 13 j 13:30	0°♊	
morning max el	-3668 Jun 09 j 10:11	2°♊01'09	45°55'37	asc. node	-3665 Feb 04 j 16:21	26°♊13'52	
	-3668 Jul 06 j 10:00	0°♊			-3665 Feb 07 j 22:05	0°♊	
	-3668 Aug 01 j 18:12	0°♊			-3665 Mar 06 j 13:07	0°♊	
asc. node	-3668 Aug 19 j 22:56	21°♊41'06		evening max el	-3665 Mar 31 j 21:22	26°♊00'44	45°07'59
	-3668 Aug 26 j 19:26	0°♊			-3665 Apr 05 j 03:51	0°♊	
	-3668 Sep 20 j 03:23	0°♊		greatest brilliancy	-3665 May 08 j 13:52	23°♊10'22	-4.7m
	-3668 Oct 14 j 02:46	0°♊		retrograde	-3665 May 19 j 03:52	25°♊09'46	
	-3668 Nov 06 j 23:42	0°♊		desc. node	-3665 May 27 j 12:12	23°♊47'51	
	-3668 Nov 30 j 21:54	0°♊		evening set	-3665 Jun 03 j 01:00	20°♊56'57	

Planetary Phenomena of Venus from -3900 through -3398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 48

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

inferior conj	-3665 Jun 09 j 11:00	17°  12'07	-2°58'52	max. Earth dist.	-3663 Nov 07 j 06:54	19°  11'41	1.71082 AU
minimum elong	-3665 Jun 09 j 04:39	17°  21'50	2°57'00	desc. node	-3663 Nov 11 j 08:14	24°  17'28	
min. Earth dist.	-3665 Jun 09 j 21:43	16°  55'43	0.28428 AU		-3663 Nov 15 j 21:21	0° 	
morning rise	-3665 Jun 15 j 07:41	13°  43'43			-3663 Dec 09 j 20:45	0° 	
direct	-3665 Jul 01 j 00:57	9°  01'25		evening rise	-3663 Dec 15 j 08:13	6°  49'56	
greatest brilliancy	-3665 Jul 12 j 04:02	11°  15'39	-4.8m		-3662 Jan 02 j 23:33	0° 	
	-3665 Aug 08 j 18:01	0° 			-3662 Jan 27 j 06:41	0° 	
morning max el	-3665 Aug 20 j 00:38	10°  40'39	46°31'11		-3662 Feb 20 j 20:10	0° 	
	-3665 Sep 07 j 08:48	0° 		asc. node	-3662 Mar 04 j 04:25	13°  42'24	
asc. node	-3665 Sep 17 j 10:26	11°  08'12			-3662 Mar 17 j 18:57	0° 	
	-3665 Oct 03 j 11:31	0° 			-3662 Apr 12 j 07:24	0° 	
	-3665 Oct 28 j 08:10	0° 			-3662 May 08 j 17:48	0° 	
	-3665 Nov 21 j 17:18	0° 			-3662 Jun 06 j 01:37	0° 	
	-3665 Dec 15 j 23:42	0° 		evening max el	-3662 Jun 11 j 21:56	5°  43'45	45°55'13
desc. node	-3664 Jan 07 j 06:26	27°  13'07		desc. node	-3662 Jun 23 j 23:54	16°  45'10	
	-3664 Jan 09 j 07:04	0° 			-3662 Jul 12 j 00:29	0° 	
	-3664 Feb 02 j 16:10	0° 		greatest brilliancy	-3662 Jul 21 j 23:43	4°  35'31	-4.8m
morning set	-3664 Feb 24 j 18:02	27°  06'56		retrograde	-3662 Jul 31 j 05:09	6°  08'21	
	-3664 Feb 27 j 02:26	0° 		evening set	-3662 Aug 18 j 04:32	0° 	
	-3664 Mar 22 j 13:10	0° 			-3662 Aug 18 j 11:34	30° 	
				inferior conj	-3662 Aug 21 j 01:32	28°  26'50	-8°56'44
superior conj	-3664 Apr 01 j 18:09	12°  31'34	-0°58'02	minimum elong	-3662 Aug 21 j 01:58	28°  26'10	8°56'37
minimum elong	-3664 Apr 02 j 02:49	12°  58'10	0°57'47	min. Earth dist.	-3662 Aug 21 j 11:48	28°  11'14	0.27158 AU
max. Earth dist.	-3664 Apr 01 j 06:49	11°  56'47	1.73718 AU	morning rise	-3662 Aug 23 j 23:16	26°  41'57	
	-3664 Apr 15 j 23:51	0° 		direct	-3662 Sep 10 j 20:18	20°  41'06	
asc. node	-3664 Apr 29 j 02:52	16°  06'53		greatest brilliancy	-3662 Sep 21 j 15:56	22°  52'54	-4.9m
evening rise	-3664 May 07 j 19:18	26°  07'02			-3662 Oct 04 j 09:39	0° 	
	-3664 May 10 j 10:07	0° 		asc. node	-3662 Oct 14 j 21:49	8°  18'06	
	-3664 Jun 03 j 19:53	0° 		morning max el	-3662 Oct 31 j 15:31	24°  16'34	46°52'37
	-3664 Jun 28 j 05:40	0° 			-3662 Nov 06 j 03:15	0° 	
	-3664 Jul 22 j 16:56	0° 			-3662 Dec 03 j 01:29	0° 	
	-3664 Aug 16 j 07:59	0° 			-3662 Dec 28 j 15:04	0° 	
desc. node	-3664 Aug 18 j 21:33	3°  10'62			-3661 Jan 22 j 17:56	0° 	
	-3664 Sep 10 j 06:29	0° 		desc. node	-3661 Feb 03 j 18:19	14°  47'04	
	-3664 Oct 05 j 19:41	0° 			-3661 Feb 16 j 16:39	0° 	
	-3664 Nov 01 j 20:17	0° 			-3661 Mar 13 j 12:46	0° 	
evening max el	-3664 Nov 06 j 21:11	5°  47'11	47°17'03		-3661 Apr 07 j 06:12	0° 	
	-3664 Dec 04 j 17:13	0° 			-3661 May 01 j 20:25	0° 	
asc. node	-3664 Dec 09 j 18:48	3°  16'19		morning set	-3661 May 03 j 14:51	2°  09'53	
greatest brilliancy	-3664 Dec 16 j 23:48	6°  51'16	-4.9m		-3661 May 26 j 06:51	0° 	
retrograde	-3664 Dec 27 j 21:30	9°  07'17		asc. node	-3661 May 27 j 15:11	1°  39'38	
evening set	-3663 Jan 13 j 13:55	3°  32'43		max. Earth dist.	-3661 Jun 04 j 11:06	11°  19'21	1.73101 AU
min. Earth dist.	-3663 Jan 17 j 00:36	1°  23'47	0.28300 AU				
inferior conj	-3663 Jan 17 j 23:25	0°  47'24	7°37'15	superior conj	-3661 Jun 08 j 12:07	16°  19'05	0°27'28
minimum elong	-3663 Jan 17 j 16:12	0°  58'54	7°36'12	minimum elong	-3661 Jun 08 j 06:56	16°  03'04	0°27'19
	-3663 Jan 19 j 05:14	30° 			-3661 Jun 19 j 13:18	0° 	
morning rise	-3663 Jan 21 j 19:01	28°  42'41			-3661 Jul 13 j 16:20	0° 	
direct	-3663 Feb 08 j 00:03	22°  43'50		evening rise	-3661 Jul 14 j 10:18	0° 	
greatest brilliancy	-3663 Feb 16 j 18:26	24°  40'58	-4.8m		-3661 Aug 06 j 17:31	0° 	
	-3663 Mar 01 j 01:24	0° 			-3661 Aug 30 j 18:52	0° 	
morning max el	-3663 Mar 28 j 21:18	22°  43'41	45°52'43	desc. node	-3661 Sep 16 j 09:42	20° 	
desc. node	-3663 Mar 31 j 15:16	25°  22'30			-3661 Sep 23 j 22:21	0° 	
	-3663 Apr 05 j 07:54	0° 			-3661 Oct 18 j 05:48	0° 	
	-3663 May 03 j 15:53	0° 			-3661 Nov 11 j 20:17	0° 	
	-3663 May 30 j 02:34	0° 			-3661 Dec 07 j 01:03	0° 	
	-3663 Jun 24 j 13:17	0° 			-3660 Jan 02 j 14:30	0° 	
	-3663 Jul 19 j 07:34	0° 		asc. node	-3660 Jan 07 j 06:35	4° 	59'17
asc. node	-3663 Jul 22 j 13:11	3°  11'58'04		evening max el	-3660 Jan 17 j 17:12	15° 	41'05 45°53'06
	-3663 Aug 12 j 13:48	0° 			-3660 Feb 02 j 06:49	0° 	
	-3663 Sep 05 j 12:03	0° 		greatest brilliancy	-3660 Feb 25 j 04:42	14° 	36'18 -4.7m
greatest brilliancy	-3663 Sep 07 j 02:53	2°  02'18	-3.9m	retrograde	-3660 Mar 06 j 21:49	16° 	42'35
morning set	-3663 Sep 22 j 18:18	21°  04'63'5		evening set	-3660 Mar 23 j 17:02	11° 	18'35
	-3663 Sep 29 j 06:34	0° 		inferior conj	-3660 Mar 28 j 09:43	8° 	42'19 6°11'59
	-3663 Oct 23 j 00:56	0° 		minimum elong	-3660 Mar 28 j 18:37	8° 	10'11 6°10'17
				min. Earth dist.	-3660 Mar 28 j 21:41	8° 	05'20 0.29312 AU
superior conj	-3663 Nov 02 j 22:44	13°  44'12	0°19'30	morning rise	-3660 Apr 02 j 20:06	5° 	03'23
minimum elong	-3663 Nov 03 j 03:58	14°  40'39	0°19'13		-3660 Apr 17 j 20:58	30° 	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

direct	-3660 Apr 19 j 03:41	29°≈58'06		desc. node	-3658 Oct 13 j 22:05	7°≈24'38	
	-3660 Apr 20 j 10:37	0°✕			-3658 Oct 31 j 23:10	0°♐	
desc. node	-3660 Apr 28 j 02:43	1°✕25'04			-3658 Nov 25 j 01:31	0°♐	
greatest brilliancy	-3660 Apr 29 j 12:59	1°✕53'36	-4.7m		-3658 Dec 19 j 09:13	0°♐	
morning max el	-3660 Jun 07 j 02:11	29°✕50'59	45°54'48		-3657 Jan 13 j 02:11	0°≈	
	-3660 Jun 07 j 05:57	0°♑		asc. node	-3657 Feb 03 j 18:21	25°≈40'03	
	-3660 Jul 06 j 01:54	0°♑			-3657 Feb 07 j 11:55	0°✕	
	-3660 Aug 01 j 07:49	0°♐			-3657 Mar 06 j 05:39	0°♑	
asc. node	-3660 Aug 19 j 00:56	21°♐08'31		evening max el	-3657 Mar 29 j 13:54	23°♑51'39	45°08'06
	-3660 Aug 26 j 08:00	0°♐			-3657 Apr 05 j 05:22	0°♑	
	-3660 Sep 19 j 15:25	0°♐		greatest brilliancy	-3657 May 06 j 04:24	20°♑58'23	-4.7m
	-3660 Oct 13 j 14:30	0°♐		retrograde	-3657 May 16 j 19:27	22°♑58'13	
	-3660 Nov 06 j 11:16	0°♐		desc. node	-3657 May 26 j 14:22	21°♑06'01	
	-3660 Nov 30 j 09:20	0°♐		evening set	-3657 May 31 j 15:50	18°♑46'18	
morning set	-3660 Dec 08 j 22:00	10°♐39'50		inferior conj	-3657 Jun 07 j 02:30	14°♑59'57	-2°39'31
desc. node	-3660 Dec 08 j 20:25	10°♐34'53		minimum elong	-3657 Jun 06 j 20:47	15°♑08'44	2°37'47
	-3660 Dec 24 j 10:07	0°♐		min. Earth dist.	-3657 Jun 07 j 13:12	14°♑43'33	0.28466 AU
	-3659 Jan 17 j 13:45	0°♐		morning rise	-3657 Jun 13 j 01:11	11°♑28'37	
				direct	-3657 Jun 28 j 17:32	6°♑48'45	
superior conj	-3659 Jan 19 j 05:23	2°♐02'47	-1°16'31	greatest brilliancy	-3657 Jul 09 j 19:11	9°♑01'49	-4.8m
minimum elong	-3659 Jan 18 j 21:25	1°♐38'05	1°16'29		-3657 Aug 08 j 21:25	0°♐	
max. Earth dist.	-3659 Jan 22 j 18:44	6°♐27'00	1.72622 AU	morning max el	-3657 Aug 17 j 16:00	8°♐24'02	46°29'40
	-3659 Feb 10 j 20:03	0°≈			-3657 Sep 07 j 02:15	0°♐	
evening rise	-3659 Feb 26 j 21:41	19°≈47'16		asc. node	-3657 Sep 16 j 12:35	10°♐38'32	
greatest brilliancy	-3659 Mar 02 j 11:35	24°≈11'10	-3.9m		-3657 Oct 03 j 02:05	0°♐	
	-3659 Mar 07 j 05:12	0°✕			-3657 Oct 27 j 21:27	0°♐	
asc. node	-3659 Mar 31 j 16:44	29°✕57'11			-3657 Nov 21 j 05:51	0°♐	
	-3659 Mar 31 j 17:39	0°♑			-3657 Dec 15 j 11:46	0°♐	
	-3659 Apr 25 j 10:03	0°♑		desc. node	-3656 Jan 06 j 08:31	27°♐00'20	
	-3659 May 20 j 07:24	0°♐			-3656 Jan 08 j 18:47	0°♐	
	-3659 Jun 14 j 11:56	0°♐			-3656 Feb 02 j 03:35	0°♐	
	-3659 Jul 10 j 04:50	0°♐		morning set	-3656 Feb 22 j 09:35	24°♐52'54	
desc. node	-3659 Jul 21 j 11:32	12°♐51'15			-3656 Feb 26 j 13:38	0°≈	
	-3659 Aug 05 j 22:41	0°♐			-3656 Mar 22 j 00:14	0°✕	
evening max el	-3659 Aug 24 j 14:36	19°♐31'34	47°20'10				
	-3659 Sep 04 j 12:57	0°♐		superior conj	-3656 Mar 30 j 12:12	10°✕25'44	-1°00'15
greatest brilliancy	-3659 Oct 04 j 17:48	20°♐44'55	-4.9m	minimum elong	-3656 Mar 30 j 20:55	10°✕52'29	1°00'01
retrograde	-3659 Oct 14 j 06:59	22°♐30'02		max. Earth dist.	-3656 Mar 30 j 06:02	10°✕06'51	1.73705 AU
evening set	-3659 Oct 29 j 00:41	18°♐10'03			-3656 Apr 15 j 10:53	0°♑	
inferior conj	-3659 Nov 03 j 21:05	14°♐42'40	-1°55'10	asc. node	-3656 Apr 28 j 05:06	15°♑39'46	
minimum elong	-3659 Nov 04 j 01:20	14°♐36'08	1°53'51	evening rise	-3656 May 05 j 14:43	24°♑45'11	
min. Earth dist.	-3659 Nov 03 j 13:28	14°♐54'20	0.26419 AU		-3656 May 09 j 21:13	0°♑	
morning rise	-3659 Nov 10 j 02:14	11°♐04'15			-3656 Jun 03 j 07:10	0°♐	
asc. node	-3659 Nov 11 j 09:19	10°♐24'16			-3656 Jun 27 j 17:18	0°♐	
direct	-3659 Nov 24 j 01:50	7°♐06'28			-3656 Jul 22 j 05:03	0°♐	
greatest brilliancy	-3659 Dec 03 j 22:33	8°♐57'46	-4.9m		-3656 Aug 15 j 20:51	0°♐	
	-3658 Jan 03 j 06:49	0°♐		desc. node	-3656 Aug 17 j 23:34	2°♐33'18	
morning max el	-3658 Jan 13 j 01:16	9°♐19'21	46°27'33		-3656 Sep 09 j 20:30	0°♐	
	-3658 Feb 01 j 22:23	0°♐			-3656 Oct 05 j 11:45	0°♐	
	-3658 Feb 28 j 21:35	0°♐			-3656 Nov 01 j 17:17	0°♐	
desc. node	-3658 Mar 03 j 05:55	2°♐40'31		evening max el	-3656 Nov 04 j 13:25	2°♐55'57	47°18'59
	-3658 Mar 26 j 21:17	0°≈			-3656 Dec 05 j 20:39	0°♐	
	-3658 Apr 21 j 07:49	0°✕		asc. node	-3656 Dec 08 j 20:59	1°♐47'09	
	-3658 May 16 j 08:36	0°♑		greatest brilliancy	-3656 Dec 14 j 16:21	4°♐33'49	-4.9m
	-3658 Jun 10 j 00:45	0°♑		retrograde	-3656 Dec 25 j 13:32	6°♐49'03	
asc. node	-3658 Jun 24 j 03:19	17°♑20'20		evening set	-3655 Jan 11 j 02:42	1°♐19'41	
	-3658 Jul 04 j 09:00	0°♐			-3655 Jan 13 j 06:23	30°♑♐	
morning set	-3658 Jul 10 j 01:07	7°♐02'27		min. Earth dist.	-3655 Jan 14 j 15:16	29°♐07'51	0.28224 AU
	-3658 Jul 28 j 10:41	0°♐		inferior conj	-3655 Jan 15 j 14:56	28°♐30'05	7°28'46
max. Earth dist.	-3658 Aug 13 j 15:48	20°♐20'32	1.71407 AU	minimum elong	-3655 Jan 15 j 07:17	28°♐42'18	7°27'34
				morning rise	-3655 Jan 19 j 12:24	26°♐04'03	
superior conj	-3658 Aug 16 j 11:54	23°♐54'36	1°23'51	direct	-3655 Feb 05 j 15:04	20°♐24'03	
minimum elong	-3658 Aug 16 j 10:37	23°♐50'35	1°23'59	greatest brilliancy	-3655 Feb 14 j 08:19	21°♐49'17	-4.8m
	-3658 Aug 21 j 08:03	0°♐			-3655 Mar 02 j 02:51	0°♐	
	-3658 Sep 14 j 03:49	0°♐		morning max el	-3655 Mar 26 j 11:55	20°♐29'04	45°53'18
evening rise	-3658 Sep 25 j 05:13	13°♐55'11		desc. node	-3655 Mar 30 j 17:31	24°♐34'58	
	-3658 Oct 08 j 00:20	0°♐			-3655 Apr 05 j 04:01	0°≈	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3655 May 03 j 07:03	0°♄				-3653 Nov 11 j 09:17	0°♄	
	-3655 May 29 j 15:45	0°♅				-3653 Dec 06 j 15:26	0°♄	
	-3655 Jun 24 j 01:30	0°♆				-3652 Jan 02 j 08:14	0°♄	
	-3655 Jul 18 j 19:15	0°♇				-3652 Jan 06 j 08:35	4°♄15'27	
asc. node	-3655 Jul 21 j 15:13	3°♇28'37			asc. node	-3652 Jan 15 j 07:48	13°♄25'00	45°55'50
	-3655 Aug 12 j 01:12	0°♈				-3652 Feb 02 j 14:47	0°♄	
	-3655 Sep 04 j 23:20	0°♉			greatest brilliancy	-3652 Feb 22 j 21:11	12°♄27'56	-4.7m
greatest brilliancy	-3655 Sep 06 j 20:15	2°♉21'26	-3.9m		retrograde	-3652 Mar 04 j 15:00	14°♄35'21	
morning set	-3655 Sep 20 j 06:23	19°♉17'37			evening set	-3652 Mar 21 j 12:21	9°♄07'01	
	-3655 Sep 28 j 17:49	0°♊			inferior conj	-3652 Mar 26 j 02:40	6°♄16'18	6°24'10
	-3655 Oct 22 j 12:13	0°♋			minimum elong	-3652 Mar 26 j 11:29	6°♄02'20	6°22'33
					min. Earth dist.	-3652 Mar 26 j 13:58	5°♄58'24	0.29321 AU
superior conj	-3655 Oct 31 j 07:47	11°♋06'09	0°23'22		morning rise	-3652 Mar 31 j 10:29	2°♄59'13	
minimum elong	-3655 Oct 31 j 13:58	11°♋25'36	0°23'04			-3652 Apr 06 j 08:54	30°♄	
max. Earth dist.	-3655 Nov 04 j 12:13	16°♋21'59	1.71051 AU		direct	-3652 Apr 16 j 20:02	27°♄49'52	
desc. node	-3655 Nov 10 j 10:24	23°♋48'47			greatest brilliancy	-3652 Apr 27 j 04:57	29°♄45'11	-4.7m
	-3655 Nov 15 j 08:40	0°♌			desc. node	-3652 Apr 27 j 04:53	29°♄45'07	
	-3655 Dec 09 j 08:05	0°♍				-3652 Apr 27 j 21:15	0°♄	
evening rise	-3655 Dec 12 j 18:17	4°♍16'20			morning max el	-3652 Jun 04 j 18:43	27°♄42'08	45°54'06
	-3654 Jan 02 j 10:54	0°♎				-3652 Jun 07 j 03:49	0°♅	
	-3654 Jan 26 j 18:09	0°♏				-3652 Jul 05 j 17:31	0°♆	
	-3654 Feb 20 j 07:55	0°♐				-3652 Jul 31 j 21:13	0°♇	
asc. node	-3654 Mar 03 j 06:36	13°♐12'56			asc. node	-3652 Aug 18 j 03:05	20°♇36'51	
	-3654 Mar 17 j 07:19	0°♑				-3652 Aug 25 j 20:22	0°♈	
	-3654 Apr 11 j 20:55	0°♒				-3652 Sep 19 j 03:16	0°♉	
	-3654 May 08 j 09:42	0°♓				-3652 Oct 13 j 02:03	0°♊	
	-3654 Jun 05 j 23:39	0°♈				-3652 Nov 05 j 22:36	0°♋	
evening max el	-3654 Jun 09 j 10:24	3°♈21'00	45°52'24			-3652 Nov 29 j 20:29	0°♌	
desc. node	-3654 Jun 23 j 02:00	15°♈41'57			morning set	-3652 Dec 06 j 08:13	8°♌07'02	
	-3654 Jul 14 j 01:22	0°♉			desc. node	-3652 Dec 07 j 22:29	10°♌06'37	
greatest brilliancy	-3654 Jul 19 j 11:48	2°♉11'22	-4.8m			-3652 Dec 23 j 21:08	0°♊	
retrograde	-3654 Jul 28 j 17:04	3°♉44'24						
	-3654 Aug 11 j 16:29	30°♊			superior conj	-3651 Jan 16 j 18:30	29°♊40'52	-1°14'58
evening set	-3654 Aug 15 j 16:07	27°♊48'04			minimum elong	-3651 Jan 16 j 09:53	29°♊14'10	1°14'56
inferior conj	-3654 Aug 18 j 14:27	26°♊02'40	-8°56'13			-3651 Jan 17 j 00:40	0°♋	
minimum elong	-3654 Aug 18 j 13:55	26°♊03'29	8°56'05		max. Earth dist.	-3651 Jan 20 j 08:22	4°♋06'51	1.72571 AU
min. Earth dist.	-3654 Aug 19 j 00:54	25°♊46'50	0.27203 AU			-3651 Feb 10 j 06:57	0°♌	
morning rise	-3654 Aug 21 j 11:34	24°♊18'42			evening rise	-3651 Feb 24 j 13:43	17°♌35'29	
direct	-3654 Sep 08 j 09:18	18°♊16'00			greatest brilliancy	-3651 Feb 28 j 14:39	22°♌33'22	-3.9m
greatest brilliancy	-3654 Sep 19 j 06:31	20°♊28'45	-4.9m			-3651 Mar 06 j 16:08	0°♍	
	-3654 Oct 05 j 06:52	0°♋			asc. node	-3651 Mar 30 j 18:55	29°♍30'03	
asc. node	-3654 Oct 14 j 00:03	7°♋12'23				-3651 Mar 31 j 04:45	0°♎	
morning max el	-3654 Oct 29 j 03:55	21°♋47'03	46°52'41			-3651 Apr 24 j 21:29	0°♏	
	-3654 Nov 05 j 23:48	0°♐				-3651 May 19 j 19:27	0°♇	
	-3654 Dec 02 j 17:19	0°♑				-3651 Jun 14 j 01:02	0°♈	
	-3654 Dec 28 j 04:55	0°♒				-3651 Jun 09 j 19:43	0°♉	
	-3653 Jan 22 j 06:41	0°♓			desc. node	-3651 Jul 20 j 13:35	12°♉11'52	
desc. node	-3653 Feb 02 j 20:20	13°♓54'54				-3651 Aug 05 j 17:16	0°♊	
	-3653 Feb 16 j 04:40	0°♋			evening max el	-3651 Aug 22 j 04:33	17°♊08'00	47°18'13
	-3653 Mar 13 j 00:17	0°♌				-3651 Sep 04 j 19:29	0°♋	
	-3653 Apr 06 j 17:22	0°♍			greatest brilliancy	-3651 Oct 02 j 07:02	18°♋15'32	-4.9m
morning set	-3653 May 01 j 09:36	0°♎06'45			retrograde	-3651 Oct 11 j 20:06	20°♋00'19	
	-3653 May 01 j 07:24	0°♏			evening set	-3651 Oct 26 j 14:57	15°♋38'02	
	-3653 May 25 j 17:46	0°♆			inferior conj	-3651 Nov 01 j 09:25	12°♋13'35	-2°19'02
asc. node	-3653 May 26 j 17:18	1°♆12'30			minimum elong	-3651 Nov 01 j 14:31	12°♋05'46	2°17'27
max. Earth dist.	-3653 Jun 02 j 08:02	9°♆22'03	1.73151 AU		min. Earth dist.	-3651 Nov 01 j 02:49	12°♋23'39	0.26398 AU
					morning rise	-3651 Nov 07 j 14:21	8°♋36'08	
superior conj	-3653 Jun 06 j 06:40	14°♆14'22	0°24'31		asc. node	-3651 Nov 10 j 11:26	7°♋11'29	
minimum elong	-3653 Jun 06 j 02:00	13°♆59'55	0°24'23		direct	-3651 Nov 21 j 14:33	4°♋37'53	
	-3653 Jun 19 j 00:15	0°♇			greatest brilliancy	-3651 Dec 01 j 11:47	6°♋30'16	-4.9m
evening rise	-3653 Jul 12 j 03:44	28°♇46'14				-3650 Jan 03 j 10:14	0°♌	
	-3653 Jul 13 j 03:25	0°♈			morning max el	-3650 Jan 10 j 15:51	6°♌59'30	46°28'57
	-3653 Aug 06 j 04:48	0°♉				-3650 Feb 01 j 15:46	0°♍	
	-3653 Aug 30 j 06:25	0°♊				-3650 Feb 28 j 11:45	0°♎	
desc. node	-3653 Sep 15 j 11:54	20°♊10'13			desc. node	-3650 Mar 02 j 08:12	2°♋07'02	
	-3653 Sep 23 j 10:13	0°♋				-3650 Mar 26 j 09:55	0°♌	
	-3653 Oct 17 j 18:06	0°♍				-3650 Apr 20 j 19:37	0°♎	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3650 May 15 j 19:53	0°♊		greatest brilliancy	-3648 Dec 12 j 09:30	2°♊17'57	-4.9m
	-3650 Jun 09 j 11:45	0°♋		retrograde	-3648 Dec 23 j 05:10	4°♊31'52	
asc. node	-3650 Jun 23 j 05:22	16°♋52'59			-3647 Jan 07 j 03:41	30°♋♊	
	-3650 Jul 03 j 19:52	0°♌		evening set	-3647 Jan 08 j 15:30	29°♋♊07'47	
morning set	-3650 Jul 07 j 17:51	4°♌51'37		min. Earth dist.	-3647 Jan 12 j 06:23	26°♋♊52'29	0.28145 AU
	-3650 Jul 27 j 21:32	0°♍		inferior conj	-3647 Jan 13 j 06:31	26°♋♊13'57	7°19'27
max. Earth dist.	-3650 Aug 11 j 01:25	17°♍45'43	1.71458 AU	minimum elong	-3647 Jan 12 j 22:27	26°♋♊26'50	7°18'08
				morning rise	-3647 Jan 17 j 05:58	23°♋♊44'48	
superior conj	-3650 Aug 14 j 02:22	21°♍34'55	1°23'32	direct	-3647 Feb 03 j 05:42	18°♋♊09'20	
minimum elong	-3650 Aug 14 j 00:17	21°♍28'22	1°23'40	greatest brilliancy	-3647 Feb 11 j 22:52	19°♋♊34'19	-4.8m
	-3650 Aug 20 j 18:59	0°♎			-3647 Mar 02 j 20:57	0°♋	
	-3650 Sep 13 j 14:52	0°♏		morning max el	-3647 Mar 24 j 01:49	18°♋♊13'48	45°54'06
evening rise	-3650 Sep 22 j 15:19	11°♏21'02		desc. node	-3647 Mar 29 j 19:37	23°♋♊49'04	
	-3650 Oct 07 j 11:31	0°♐			-3647 Apr 04 j 23:02	0°♌	
desc. node	-3650 Oct 13 j 00:13	6°♐56'09			-3647 May 02 j 21:34	0°♍	
	-3650 Oct 31 j 10:30	0°♑			-3647 May 29 j 04:27	0°♊	
	-3650 Nov 24 j 13:00	0°♒			-3647 Jun 23 j 13:19	0°♋	
	-3650 Dec 18 j 20:59	0°♓			-3647 Jul 18 j 06:38	0°♌	
	-3649 Jan 12 j 14:29	0°♈		asc. node	-3647 Jul 20 j 17:24	3°♌00'28	
asc. node	-3649 Feb 02 j 20:33	25°♈07'57			-3647 Aug 11 j 12:22	0°♍	
	-3649 Feb 07 j 01:24	0°♉			-3647 Sep 04 j 10:24	0°♎	
	-3649 Mar 05 j 22:01	0°♊		greatest brilliancy	-3647 Sep 06 j 14:42	2°♎44'43	-3.9m
evening max el	-3649 Mar 27 j 06:09	21°♊42'52	45°08'01	morning set	-3647 Sep 17 j 18:14	16°♎48'35	
	-3649 Apr 05 j 07:52	0°♋			-3647 Sep 28 j 04:52	0°♏	
greatest brilliancy	-3649 May 03 j 19:31	18°♋47'49	-4.7m		-3647 Oct 21 j 23:16	0°♐	
retrograde	-3649 May 14 j 10:26	20°♋47'19					
desc. node	-3649 May 25 j 16:28	18°♋20'16		superior conj	-3647 Oct 28 j 16:40	8°♐28'19	0°27'14
evening set	-3649 May 29 j 06:48	16°♋36'08		minimum elong	-3647 Oct 28 j 23:45	8°♐50'37	0°26'52
inferior conj	-3649 Jun 04 j 17:57	12°♋48'35	-2°19'47	max. Earth dist.	-3647 Nov 01 j 14:08	13°♐22'24	1.71018 AU
minimum elong	-3649 Jun 04 j 12:54	12°♋56'21	2°18'15	desc. node	-3647 Nov 09 j 12:24	23°♐20'19	
min. Earth dist.	-3649 Jun 05 j 05:00	12°♋31'36	0.28505 AU		-3647 Nov 14 j 19:44	0°♑	
morning rise	-3649 Jun 10 j 18:28	9°♋14'14			-3647 Dec 08 j 19:09	0°♒	
direct	-3649 Jun 26 j 09:48	4°♋36'48		evening rise	-3647 Dec 10 j 04:12	1°♒43'04	
greatest brilliancy	-3649 Jul 07 j 10:32	6°♋48'45	-4.8m		-3646 Jan 01 j 22:00	0°♓	
	-3649 Aug 08 j 23:03	0°♌			-3646 Jan 26 j 05:22	0°♈	
morning max el	-3649 Aug 15 j 06:24	6°♌05'50	46°28'15		-3646 Feb 19 j 19:25	0°♉	
	-3649 Sep 06 j 19:03	0°♍		asc. node	-3646 Mar 02 j 08:49	12°♉44'30	
asc. node	-3649 Sep 15 j 14:52	10°♍00'28			-3646 Mar 16 j 19:24	0°♊	
	-3649 Oct 02 j 16:11	0°♎			-3646 Apr 11 j 10:11	0°♋	
	-3649 Oct 27 j 10:18	0°♏			-3646 May 08 j 01:27	0°♌	
	-3649 Nov 20 j 18:00	0°♐			-3646 Jun 05 j 22:09	0°♍	
	-3649 Dec 14 j 23:27	0°♑		evening max el	-3646 Jun 06 j 22:42	0°♍59'07	45°49'32
desc. node	-3648 Jan 05 j 10:33	26°♑31'33		desc. node	-3646 Jun 22 j 04:02	14°♍37'53	
	-3648 Jan 08 j 06:06	0°♒		greatest brilliancy	-3646 Jul 16 j 23:16	29°♍47'21	-4.8m
	-3648 Feb 01 j 14:37	0°♓			-3646 Jul 17 j 15:18	0°♎	
morning set	-3648 Feb 20 j 01:23	22°♓40'49		retrograde	-3646 Jul 26 j 05:21	1°♎21'18	
	-3648 Feb 26 j 00:25	0°♈			-3646 Aug 03 j 12:31	30°♎♊	
	-3648 Mar 21 j 10:52	0°♉		evening set	-3646 Aug 13 j 03:05	25°♍26'59	
				inferior conj	-3646 Aug 16 j 03:20	23°♍38'58	-8°54'31
superior conj	-3648 Mar 28 j 06:31	8°♉22'03	-1°02'22	minimum elong	-3646 Aug 16 j 01:51	23°♍41'12	8°54'22
minimum elong	-3648 Mar 28 j 15:13	8°♉48'45	1°02'08	min. Earth dist.	-3646 Aug 16 j 13:48	23°♍23'07	0.27256 AU
max. Earth dist.	-3648 Mar 28 j 04:53	8°♉17'03	1.73692 AU	morning rise	-3646 Aug 19 j 00:27	21°♍55'05	
	-3648 Apr 14 j 21:30	0°♊		direct	-3646 Sep 05 j 22:29	15°♍51'05	
asc. node	-3648 Apr 27 j 07:11	15°♊13'25		greatest brilliancy	-3646 Sep 16 j 21:11	18°♍05'04	-4.9m
evening rise	-3648 May 03 j 10:15	22°♊44'52			-3646 Oct 05 j 22:38	0°♎	
	-3648 May 09 j 07:58	0°♋		asc. node	-3646 Oct 13 j 02:07	6°♎08'00	
	-3648 Jun 02 j 18:11	0°♌		morning max el	-3646 Oct 26 j 17:14	19°♎20'01	46°52'47
	-3648 Jun 27 j 04:41	0°♍			-3646 Nov 05 j 19:41	0°♏	
	-3648 Jul 21 j 16:58	0°♎			-3646 Dec 02 j 08:51	0°♐	
	-3648 Aug 15 j 09:31	0°♏			-3646 Dec 27 j 18:32	0°♑	
desc. node	-3648 Aug 17 j 01:47	2°♏01'32			-3645 Jan 21 j 19:11	0°♒	
	-3648 Sep 09 j 10:21	0°♐		desc. node	-3645 Feb 01 j 22:33	13°♒24'58	
	-3648 Oct 05 j 03:45	0°♑			-3645 Feb 15 j 16:28	0°♓	
	-3648 Nov 01 j 14:36	0°♒			-3645 Mar 12 j 11:36	0°♈	
evening max el	-3648 Nov 02 j 04:37	0°♒35'56	47°20'54		-3645 Apr 06 j 04:22	0°♉	
	-3648 Dec 07 j 11:05	0°♓		morning set	-3645 Apr 29 j 04:43	28°♉05'20	
asc. node	-3648 Dec 07 j 23:05	0°♓15'48			-3645 Apr 30 j 18:11	0°♊	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3645 May 25 j 04:29	0°♄		inferior conj	-3643 Oct 29 j 21:43	9°♄43'55	-2°42'34
asc. node	-3645 May 25 j 19:23	0°♄45'55		minimum elong	-3643 Oct 30 j 03:37	9°♄34'53	2°40'45
max. Earth dist.	-3645 May 31 j 07:08	7°♄32'09	1.73197 AU	min. Earth dist.	-3643 Oct 29 j 16:03	9°♄52'36	0.26388 AU
				morning rise	-3643 Nov 05 j 02:11	6°♄07'32	
superior conj	-3645 Jun 04 j 01:39	12°♄11'36	0°21'34	asc. node	-3643 Nov 09 j 13:33	4°♄02'59	
minimum elong	-3645 Jun 03 j 21:29	11°♄58'46	0°21'28	direct	-3643 Nov 19 j 03:33	2°♄08'44	
	-3645 Jun 18 j 11:00	0°♄		greatest brilliancy	-3643 Nov 29 j 00:51	4°♄01'35	-4.9m
evening rise	-3645 Jul 09 j 21:39	26°♄38'44			-3642 Jan 03 j 12:34	0°♄	
	-3645 Jul 12 j 14:19	0°♄		morning max el	-3642 Jan 08 j 06:05	4°♄37'31	46°30'10
	-3645 Aug 05 j 15:58	0°♄			-3642 Feb 01 j 09:12	0°♄	
	-3645 Aug 29 j 17:55	0°♄			-3642 Feb 28 j 02:08	0°♄	
desc. node	-3645 Sep 14 j 14:00	19°♄40'21		desc. node	-3642 Mar 01 j 10:17	1°♄32'11	
	-3645 Sep 22 j 22:06	0°♄			-3642 Mar 25 j 22:46	0°♄	
	-3645 Oct 17 j 06:29	0°♄			-3642 Apr 20 j 07:36	0°♄	
	-3645 Nov 10 j 22:26	0°♄			-3642 May 15 j 07:20	0°♄	
	-3645 Dec 06 j 06:01	0°♄			-3642 Jun 08 j 22:55	0°♄	
	-3644 Jan 02 j 02:23	0°♄		asc. node	-3642 Jun 22 j 07:32	16°♄25'25	
asc. node	-3644 Jan 05 j 10:48	3°♄31'35			-3642 Jul 03 j 06:55	0°♄	
evening max el	-3644 Jan 12 j 23:07	11°♄10'46	45°58'51	morning set	-3642 Jul 05 j 10:55	2°♄41'17	
	-3644 Feb 03 j 01:33	0°♄			-3642 Jul 27 j 08:35	0°♄	
greatest brilliancy	-3644 Feb 20 j 13:29	10°♄19'40	-4.7m	max. Earth dist.	-3642 Aug 08 j 09:53	15°♄06'54	1.71508 AU
retrograde	-3644 Mar 02 j 08:42	12°♄28'24					
evening set	-3644 Mar 19 j 07:48	6°♄55'47		superior conj	-3642 Aug 11 j 17:28	19°♄16'46	1°23'05
inferior conj	-3644 Mar 23 j 19:42	4°♄08'34	6°35'49	minimum elong	-3642 Aug 11 j 14:36	19°♄07'46	1°23'12
minimum elong	-3644 Mar 24 j 04:22	3°♄54'49	6°34'17		-3642 Aug 20 j 06:06	0°♄	
min. Earth dist.	-3644 Mar 24 j 05:56	3°♄52'20	0.29324 AU		-3642 Sep 13 j 02:04	0°♄	
morning rise	-3644 Mar 29 j 00:53	0°♄55'28		evening rise	-3642 Sep 20 j 02:04	8°♄48'27	
	-3644 Mar 30 j 16:10	30°♄			-3642 Oct 06 j 22:52	0°♄	
direct	-3644 Apr 14 j 12:51	25°♄42'03		desc. node	-3642 Oct 12 j 02:15	6°♄26'49	
greatest brilliancy	-3644 Apr 24 j 20:19	27°♄36'31	-4.7m		-3642 Oct 30 j 22:01	0°♄	
desc. node	-3644 Apr 26 j 06:56	28°♄08'50			-3642 Nov 24 j 00:46	0°♄	
	-3644 Apr 30 j 10:07	0°♄			-3642 Dec 18 j 09:05	0°♄	
morning max el	-3644 Jun 02 j 12:03	25°♄35'41	45°53'30		-3641 Jan 12 j 03:13	0°♄	
	-3644 Jun 07 j 00:46	0°♄		asc. node	-3641 Feb 01 j 22:44	24°♄34'28	
	-3644 Jul 05 j 08:46	0°♄			-3641 Feb 06 j 15:25	0°♄	
	-3644 Jul 31 j 10:25	0°♄			-3641 Mar 05 j 15:09	0°♄	
asc. node	-3644 Aug 17 j 05:19	20°♄05'47		evening max el	-3641 Mar 24 j 21:36	19°♄31'04	45°08'12
	-3644 Aug 25 j 08:37	0°♄			-3641 Apr 05 j 12:31	0°♄	
	-3644 Sep 18 j 15:04	0°♄		greatest brilliancy	-3641 May 01 j 11:13	16°♄37'09	-4.7m
	-3644 Oct 12 j 13:37	0°♄		retrograde	-3641 May 12 j 01:13	18°♄36'00	
	-3644 Nov 05 j 10:02	0°♄		desc. node	-3641 May 24 j 18:33	15°♄29'50	
	-3644 Nov 29 j 07:48	0°♄		evening set	-3641 May 26 j 22:01	14°♄25'07	
morning set	-3644 Dec 03 j 17:57	5°♄32'05		inferior conj	-3641 Jun 02 j 09:32	10°♄36'49	-2°00'01
desc. node	-3644 Dec 07 j 00:36	9°♄37'56		minimum elong	-3641 Jun 02 j 05:10	10°♄43'33	1°58'41
	-3644 Dec 23 j 08:19	0°♄		min. Earth dist.	-3641 Jun 02 j 21:13	10°♄18'48	0.28542 AU
				morning rise	-3641 Jun 08 j 11:42	6°♄59'37	
superior conj	-3643 Jan 14 j 06:57	27°♄16'18	-1°13'16	direct	-3641 Jun 24 j 01:32	2°♄24'20	
minimum elong	-3643 Jan 13 j 21:45	26°♄47'46	1°13'12	greatest brilliancy	-3641 Jul 05 j 02:25	4°♄35'43	-4.8m
	-3643 Jan 16 j 11:45	0°♄			-3641 Aug 08 j 23:44	0°♄	
max. Earth dist.	-3643 Jan 17 j 22:48	1°♄48'37	1.72514 AU	morning max el	-3641 Aug 12 j 20:25	3°♄46'00	46°26'57
	-3643 Feb 09 j 17:58	0°♄			-3641 Sep 06 j 11:48	0°♄	
evening rise	-3643 Feb 22 j 05:25	15°♄22'23		asc. node	-3641 Sep 14 j 16:50	9°♄21'09	
greatest brilliancy	-3643 Feb 27 j 00:34	21°♄16'16	-3.9m		-3641 Oct 02 j 06:20	0°♄	
	-3643 Mar 06 j 03:11	0°♄			-3641 Oct 26 j 23:15	0°♄	
asc. node	-3643 Mar 29 j 20:58	29°♄02'11			-3641 Nov 20 j 06:17	0°♄	
	-3643 Mar 30 j 15:57	0°♄			-3641 Dec 14 j 11:20	0°♄	
	-3643 Apr 24 j 09:02	0°♄		desc. node	-3640 Jan 04 j 12:45	26°♄02'27	
	-3643 May 19 j 07:38	0°♄			-3640 Jan 07 j 17:42	0°♄	
	-3643 Jun 13 j 14:16	0°♄			-3640 Feb 01 j 01:58	0°♄	
	-3643 Jul 09 j 10:48	0°♄		morning set	-3640 Feb 17 j 16:39	20°♄25'50	
desc. node	-3643 Jul 19 j 15:52	11°♄32'47			-3640 Feb 25 j 11:35	0°♄	
	-3643 Aug 05 j 12:16	0°♄			-3640 Mar 20 j 21:54	0°♄	
evening max el	-3643 Aug 19 j 19:03	14°♄45'59	47°16'02				
	-3643 Sep 05 j 04:23	0°♄		superior conj	-3640 Mar 26 j 00:22	6°♄15'42	-1°04'25
greatest brilliancy	-3643 Sep 29 j 19:58	15°♄45'52	-4.9m	minimum elong	-3640 Mar 26 j 09:00	6°♄42'13	1°04'13
retrograde	-3643 Oct 09 j 09:06	17°♄30'04		max. Earth dist.	-3640 Mar 26 j 01:09	6°♄18'07	1.73675 AU
evening set	-3643 Oct 24 j 05:25	13°♄05'30			-3640 Apr 14 j 08:31	0°♄	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3640 Apr 26 j 09:15	14° Υ 45'51		asc. node	-3638 Oct 12 j 04:17	5° Ω 04'42	
evening rise	-3640 May 01 j 05:19	20° Υ 42'05		morning max el	-3638 Oct 24 j 07:36	16° Ω 55'02	46°52'46
	-3640 May 08 j 19:05	0° \mathcal{B}			-3638 Nov 05 j 15:16	0° \mathcal{M}	
	-3640 Jun 02 j 05:32	0° Π			-3638 Dec 02 j 00:24	0° \mathcal{L}	
	-3640 Jun 26 j 16:25	0° \mathcal{E}			-3638 Dec 27 j 08:15	0° \mathcal{M}	
	-3640 Jul 21 j 05:15	0° Ω			-3637 Jan 21 j 07:50	0° \mathcal{A}	
	-3640 Aug 14 j 22:36	0° \mathcal{M}		desc. node	-3637 Feb 01 j 00:38	12° \mathcal{A} 54'03	
desc. node	-3640 Aug 16 j 03:51	1° \mathcal{M} 28'10			-3637 Feb 15 j 04:25	0° \mathcal{B}	
	-3640 Sep 09 j 00:39	0° \mathcal{L}			-3637 Mar 11 j 23:05	0° \approx	
	-3640 Oct 04 j 20:17	0° \mathcal{M}			-3637 Apr 05 j 15:34	0° \mathcal{H}	
evening max el	-3640 Oct 30 j 18:56	28° \mathcal{M} 12'55	47°22'45	morning set	-3637 Apr 26 j 23:42	26° \mathcal{H} 02'44	
	-3640 Nov 01 j 12:59	0° \mathcal{A}			-3637 Apr 30 j 05:14	0° Υ	
asc. node	-3640 Dec 07 j 01:15	28° \mathcal{A} 40'26		asc. node	-3637 May 24 j 21:35	0° \mathcal{B} 18'49	
greatest brilliancy	-3640 Dec 10 j 02:31	0° \mathcal{B} 00'53	-4.9m		-3637 May 24 j 15:28	0° \mathcal{B}	
	-3640 Dec 10 j 01:37	0° \mathcal{B}		max. Earth dist.	-3637 May 29 j 05:46	5° \mathcal{B} 39'59	1.73242 AU
retrograde	-3640 Dec 20 j 20:34	2° \mathcal{B} 13'44					
	-3640 Dec 31 j 04:58	30° \mathcal{R} \mathcal{A}		superior conj	-3637 Jun 01 j 20:21	10° \mathcal{B} 07'08	0°18'34
evening set	-3639 Jan 06 j 04:08	26° \mathcal{A} 54'41		minimum elong	-3637 Jun 01 j 16:45	9° \mathcal{B} 56'00	0°18'29
min. Earth dist.	-3639 Jan 09 j 21:37	24° \mathcal{A} 35'44	0.28071 AU		-3637 Jun 17 j 22:02	0° Π	
inferior conj	-3639 Jan 10 j 22:02	23° \mathcal{A} 56'45	7°09'24	evening rise	-3637 Jul 07 j 15:20	24° \mathcal{H} 29'41	
minimum elong	-3639 Jan 10 j 13:36	24° \mathcal{A} 10'14	7°07'56		-3637 Jul 12 j 01:30	0° \mathcal{E}	
morning rise	-3639 Jan 14 j 23:36	21° \mathcal{A} 24'24			-3637 Aug 05 j 03:23	0° Ω	
direct	-3639 Jan 31 j 19:55	15° \mathcal{A} 53'17			-3637 Aug 29 j 05:39	0° \mathcal{M}	
greatest brilliancy	-3639 Feb 09 j 13:50	17° \mathcal{A} 18'37	-4.8m	desc. node	-3637 Sep 13 j 16:00	19° \mathcal{M} 09'31	
	-3639 Mar 03 j 11:01	0° \mathcal{B}			-3637 Sep 22 j 10:13	0° \mathcal{L}	
morning max el	-3639 Mar 21 j 15:49	15° \mathcal{B} 57'21	45°54'49		-3637 Oct 16 j 19:06	0° \mathcal{M}	
desc. node	-3639 Mar 28 j 21:40	23° \mathcal{B} 02'29			-3637 Nov 10 j 11:51	0° \mathcal{A}	
	-3639 Apr 04 j 18:03	0° \approx			-3637 Dec 05 j 20:57	0° \mathcal{B}	
	-3639 May 02 j 12:23	0° \mathcal{H}			-3636 Jan 01 j 21:10	0° \approx	
	-3639 May 28 j 17:30	0° Υ		asc. node	-3636 Jan 04 j 13:00	2° \approx 46'37	
	-3639 Jun 23 j 01:29	0° \mathcal{B}		evening max el	-3636 Jan 10 j 15:25	8° \approx 58'23	46°01'55
	-3639 Jul 17 j 18:20	0° Π			-3636 Feb 03 j 16:17	0° \mathcal{H}	
asc. node	-3639 Jul 19 j 19:34	2° \mathcal{H} 31'17		greatest brilliancy	-3636 Feb 18 j 05:52	8° \mathcal{H} 11'13	-4.7m
	-3639 Aug 10 j 23:48	0° \mathcal{E}		retrograde	-3636 Feb 29 j 02:24	10° \mathcal{H} 20'59	
	-3639 Sep 03 j 21:45	0° Ω		evening set	-3636 Mar 17 j 03:13	4° \mathcal{H} 44'26	
greatest brilliancy	-3639 Sep 06 j 03:58	2° Ω 50'46	-3.9m	inferior conj	-3636 Mar 21 j 12:44	2° \mathcal{H} 00'29	6°46'50
morning set	-3639 Sep 15 j 06:12	14° Ω 18'59		minimum elong	-3636 Mar 21 j 21:12	1° \mathcal{H} 47'03	6°45'26
	-3639 Sep 27 j 16:12	0° \mathcal{M}		min. Earth dist.	-3636 Mar 21 j 21:38	1° \mathcal{H} 46'21	0.29324 AU
	-3639 Oct 21 j 10:37	0° \mathcal{L}			-3636 Mar 24 j 17:31	30° \mathcal{R} \approx	
				morning rise	-3636 Mar 26 j 15:14	28° \approx 51'24	
superior conj	-3639 Oct 26 j 01:44	5° \mathcal{L} 50'04	0°30'59	direct	-3636 Apr 12 j 06:04	23° \approx 34'08	
minimum elong	-3639 Oct 26 j 09:39	6° \mathcal{L} 15'01	0°30'37	greatest brilliancy	-3636 Apr 22 j 11:02	25° \approx 26'54	-4.7m
max. Earth dist.	-3639 Oct 29 j 14:55	10° \mathcal{L} 18'13	1.70988 AU	desc. node	-3636 Apr 25 j 09:06	26° \approx 35'39	
desc. node	-3639 Nov 08 j 14:33	22° \mathcal{L} 51'26			-3636 May 02 j 00:30	0° \mathcal{H}	
	-3639 Nov 14 j 07:05	0° \mathcal{M}		morning max el	-3636 May 31 j 05:19	23° \mathcal{H} 28'47	45°52'42
evening rise	-3639 Dec 07 j 14:17	29° \mathcal{M} 09'27			-3636 Jun 06 j 21:11	0° Υ	
	-3639 Dec 08 j 06:29	0° \mathcal{A}			-3636 Jul 05 j 00:01	0° \mathcal{B}	
	-3638 Jan 01 j 09:21	0° \mathcal{B}			-3636 Jul 30 j 23:44	0° Π	
	-3638 Jan 25 j 16:51	0° \approx		asc. node	-3636 Aug 16 j 07:20	19° \mathcal{H} 33'31	
	-3638 Feb 19 j 07:13	0° \mathcal{H}			-3636 Aug 24 j 21:01	0° \mathcal{E}	
asc. node	-3638 Mar 01 j 10:48	12° \mathcal{H} 14'23			-3636 Sep 18 j 02:59	0° Ω	
	-3638 Mar 16 j 07:53	0° Υ			-3636 Oct 12 j 01:17	0° \mathcal{M}	
	-3638 Apr 10 j 23:57	0° \mathcal{B}			-3636 Nov 04 j 21:31	0° \mathcal{L}	
	-3638 May 07 j 17:54	0° Π			-3636 Nov 28 j 19:08	0° \mathcal{M}	
evening max el	-3638 Jun 04 j 11:54	28° \mathcal{H} 38'26	45°46'55	morning set	-3636 Dec 01 j 03:39	2° \mathcal{M} 56'51	
	-3638 Jun 05 j 22:07	0° \mathcal{E}		desc. node	-3636 Dec 06 j 02:44	9° \mathcal{M} 09'16	
desc. node	-3638 Jun 21 j 06:17	13° \mathcal{E} 31'23			-3636 Dec 22 j 19:33	0° \mathcal{A}	
greatest brilliancy	-3638 Jul 14 j 10:07	27° \mathcal{E} 21'58	-4.8m				
retrograde	-3638 Jul 23 j 18:11	28° \mathcal{E} 57'30		superior conj	-3635 Jan 11 j 19:12	24° \mathcal{A} 50'50	-1°11'26
evening set	-3638 Aug 10 j 13:34	23° \mathcal{E} 05'47		minimum elong	-3635 Jan 11 j 09:29	24° \mathcal{A} 20'41	1°11'19
inferior conj	-3638 Aug 13 j 16:12	21° \mathcal{E} 14'27	-8°51'51	max. Earth dist.	-3635 Jan 15 j 14:35	29° \mathcal{A} 34'14	1.72457 AU
minimum elong	-3638 Aug 13 j 13:48	21° \mathcal{E} 18'06	8°51'38		-3635 Jan 15 j 22:53	0° \mathcal{B}	
min. Earth dist.	-3638 Aug 14 j 02:17	20° \mathcal{E} 59'13	0.27307 AU		-3635 Feb 09 j 05:02	0° \approx	
morning rise	-3638 Aug 16 j 13:50	19° \mathcal{E} 30'00		evening rise	-3635 Feb 19 j 21:03	13° \approx 08'48	
direct	-3638 Sep 03 j 12:10	13° \mathcal{E} 25'34		greatest brilliancy	-3635 Feb 25 j 19:48	20° \approx 27'42	-3.9m
greatest brilliancy	-3638 Sep 14 j 11:14	15° \mathcal{E} 40'08	-4.9m		-3635 Mar 05 j 14:15	0° \mathcal{H}	
	-3638 Oct 06 j 10:47	0° Ω		asc. node	-3635 Mar 28 j 23:06	28° \mathcal{H} 34'34	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3635 Mar 30 j 03:10	0°♊				-3633 Oct 26 j 12:03	0°♎		
	-3635 Apr 23 j 20:37	0°♋				-3633 Nov 19 j 18:27	0°♏		
	-3635 May 18 j 19:53	0°♌				-3633 Dec 13 j 23:04	0°♐		
	-3635 Jun 13 j 03:40	0°♍		desc. node		-3632 Jan 03 j 14:49	25°♑33'33		
	-3635 Jul 09 j 02:13	0°♎				-3632 Jan 07 j 05:05	0°♏		
desc. node	-3635 Jul 18 j 17:52	10°♏52'05				-3632 Jan 31 j 13:04	0°♐		
	-3635 Aug 05 j 08:01	0°♎		morning set		-3632 Feb 15 j 07:37	18°♑10'43		
evening max el	-3635 Aug 17 j 09:24	12°♎23'06	47°13'40			-3632 Feb 24 j 22:28	0°♑		
	-3635 Sep 05 j 16:36	0°♏				-3632 Mar 20 j 08:41	0°♒		
greatest brilliancy	-3635 Sep 27 j 09:18	13°♏16'04	-4.9m						
retrograde	-3635 Oct 06 j 21:34	14°♏58'51			superior conj	-3632 Mar 23 j 18:14	4°♒10'15	-1°06'23	
evening set	-3635 Oct 21 j 19:53	10°♏32'09			minimum elong	-3632 Mar 24 j 02:47	4°♒36'29	1°06'12	
inferior conj	-3635 Oct 27 j 09:50	7°♏13'41	-3°05'51		max. Earth dist.	-3632 Mar 23 j 20:20	4°♒16'41	1.73657 AU	
minimum elong	-3635 Oct 27 j 16:31	7°♏03'28	3°03'50			-3632 Apr 13 j 19:17	0°♊		
min. Earth dist.	-3635 Oct 27 j 05:21	7°♏20'33	0.26374 AU		asc. node	-3632 Apr 25 j 11:27	14°♊19'32		
morning rise	-3635 Nov 02 j 13:29	3°♏38'27			evening rise	-3632 Apr 29 j 00:34	18°♊40'41		
asc. node	-3635 Nov 08 j 15:45	0°♏58'56				-3632 May 08 j 05:57	0°♋		
	-3635 Nov 12 j 13:48	30°♋♎				-3632 Jun 01 j 16:37	0°♌		
direct	-3635 Nov 16 j 16:04	29°♎39'08				-3632 Jun 26 j 03:51	0°♍		
	-3635 Nov 20 j 19:58	0°♏				-3632 Jul 20 j 17:15	0°♎		
greatest brilliancy	-3635 Nov 26 j 13:56	1°♏32'27	-4.9m			-3632 Aug 14 j 11:26	0°♎		
	-3634 Jan 03 j 13:31	0°♑		desc. node		-3632 Aug 15 j 05:53	0°♎55'33		
morning max el	-3634 Jan 05 j 19:13	2°♑12'41	46°31'23			-3632 Sep 08 j 14:49	0°♏		
	-3634 Feb 01 j 02:13	0°♏				-3632 Oct 04 j 12:55	0°♑		
	-3634 Feb 27 j 16:16	0°♐		evening max el		-3632 Oct 28 j 09:05	25°♑49'42	47°24'27	
desc. node	-3634 Feb 28 j 12:17	0°♐57'32				-3632 Nov 01 j 12:11	0°♏		
	-3634 Mar 25 j 11:27	0°♑		asc. node		-3632 Dec 06 j 03:24	27°♏01'20		
	-3634 Apr 19 j 19:25	0°♒		greatest brilliancy		-3632 Dec 07 j 19:08	27°♏42'54	-4.9m	
	-3634 May 14 j 18:39	0°♊		retrograde		-3632 Dec 18 j 12:02	29°♏55'11		
	-3634 Jun 08 j 09:57	0°♋		evening set		-3631 Jan 03 j 16:28	24°♏40'57		
asc. node	-3634 Jun 21 j 09:41	15°♋58'12		min. Earth dist.		-3631 Jan 07 j 12:36	22°♏18'29	0.27994 AU	
	-3634 Jul 02 j 17:51	0°♌		inferior conj		-3631 Jan 08 j 13:18	21°♏39'08	6°58'31	
morning set	-3634 Jul 03 j 04:02	0°♌31'32		minimum elong		-3631 Jan 08 j 04:33	21°♏53'06	6°56'53	
	-3634 Jul 26 j 19:34	0°♍		morning rise		-3631 Jan 12 j 17:09	19°♏03'33		
max. Earth dist.	-3634 Aug 05 j 18:49	12°♍29'47	1.71568 AU	direct		-3631 Jan 29 j 09:35	13°♏36'45		
				greatest brilliancy		-3631 Feb 07 j 04:36	15°♏02'48	-4.8m	
superior conj	-3634 Aug 09 j 08:33	16°♍58'49	1°22'29			-3631 Mar 03 j 21:16	0°♐		
minimum elong	-3634 Aug 09 j 04:57	16°♍47'32	1°22'36	morning max el		-3631 Mar 19 j 06:25	13°♐43'04	45°55'44	
	-3634 Aug 19 j 17:10	0°♎		desc. node		-3631 Mar 27 j 23:55	22°♐17'57		
	-3634 Sep 12 j 13:16	0°♎				-3631 Apr 04 j 12:13	0°♑		
evening rise	-3634 Sep 17 j 12:36	6°♎15'16				-3631 May 02 j 02:40	0°♒		
	-3634 Oct 06 j 10:12	0°♏				-3631 May 28 j 06:08	0°♊		
desc. node	-3634 Oct 11 j 04:23	5°♏57'56				-3631 Jun 22 j 13:15	0°♋		
	-3634 Oct 30 j 09:31	0°♑				-3631 Jul 17 j 05:38	0°♌		
	-3634 Nov 23 j 12:27	0°♏		asc. node		-3631 Jul 18 j 21:35	2°♌02'44		
	-3634 Dec 17 j 21:06	0°♐				-3631 Aug 10 j 10:53	0°♍		
	-3633 Jan 11 j 15:50	0°♑				-3631 Sep 03 j 08:44	0°♎		
asc. node	-3633 Feb 01 j 00:44	24°♑00'42		greatest brilliancy		-3631 Sep 05 j 15:59	2°♏54'03	-3.9m	
	-3633 Feb 06 j 05:23	0°♒		morning set		-3631 Sep 12 j 18:44	11°♏52'23		
	-3633 Mar 05 j 08:26	0°♊				-3631 Sep 27 j 03:11	0°♎		
evening max el	-3633 Mar 22 j 12:28	17°♊18'28	45°08'31			-3631 Oct 20 j 21:39	0°♏		
	-3633 Apr 05 j 18:53	0°♋							
greatest brilliancy	-3633 Apr 29 j 02:56	14°♋27'24	-4.7m	superior conj		-3631 Oct 23 j 10:57	3°♏13'10	0°34'40	
retrograde	-3633 May 09 j 16:11	16°♋26'07		minimum elong		-3631 Oct 23 j 19:38	3°♏40'33	0°34'17	
desc. node	-3633 May 23 j 20:44	12°♋36'51		max. Earth dist.		-3631 Oct 26 j 18:47	7°♏24'36	1.70969 AU	
evening set	-3633 May 24 j 13:32	12°♋14'56		desc. node		-3631 Nov 07 j 16:42	22°♏23'30		
inferior conj	-3633 May 31 j 01:18	8°♋26'25	-1°40'18			-3631 Nov 13 j 18:08	0°♑		
minimum elong	-3633 May 30 j 21:38	8°♋32'05	1°39'09	evening rise		-3631 Dec 05 j 00:01	26°♑35'32		
min. Earth dist.	-3633 May 31 j 13:49	8°♋07'05	0.28580 AU			-3631 Dec 07 j 17:33	0°♏		
morning rise	-3633 Jun 06 j 04:59	4°♋46'38				-3631 Dec 31 j 20:28	0°♐		
direct	-3633 Jun 21 j 17:03	0°♋13'03				-3630 Jan 25 j 04:05	0°♑		
greatest brilliancy	-3633 Jul 02 j 18:57	2°♋24'42	-4.8m			-3630 Feb 18 j 18:47	0°♒		
	-3633 Aug 08 j 22:59	0°♌		asc. node		-3630 Feb 28 j 12:58	11°♒45'39		
morning max el	-3633 Aug 10 j 10:29	1°♌27'15	46°25'34			-3630 Mar 15 j 20:05	0°♊		
	-3633 Sep 06 j 04:01	0°♍				-3630 Apr 10 j 13:28	0°♋		
asc. node	-3633 Sep 13 j 19:03	8°♍43'24				-3630 May 07 j 10:15	0°♌		
	-3633 Oct 01 j 20:14	0°♎		evening max el		-3630 Jun 02 j 02:13	26°♌21'51	45°44'22	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3630 Jun 05 j 22:44	0°☿				-3628 Nov 28 j 06:12	0°♊	
desc. node	-3630 Jun 20 j 08:21	12°☿23'56		morning set		-3628 Nov 28 j 13:45	0°♊23'39	
greatest brilliancy	-3630 Jul 11 j 20:49	24°☿58'13	-4.8m	desc. node		-3628 Dec 05 j 04:46	8°♊41'07	
retrograde	-3630 Jul 21 j 07:27	26°☿35'30				-3628 Dec 22 j 06:30	0°♊	
evening set	-3630 Aug 07 j 23:53	20°☿47'07						
inferior conj	-3630 Aug 11 j 05:14	18°☿51'49	-8°48'17	superior conj		-3627 Jan 09 j 07:33	22°♊26'24	-1°09'27
minimum elong	-3630 Aug 11 j 01:55	18°☿56'49	8°48'00	minimum elong		-3627 Jan 08 j 21:23	21°♊54'51	1°09'19
min. Earth dist.	-3630 Aug 11 j 14:39	18°☿37'35	0.27354 AU	max. Earth dist.		-3627 Jan 13 j 07:59	27°♊25'39	1.72402 AU
morning rise	-3630 Aug 14 j 03:48	17°☿06'07				-3627 Jan 15 j 09:46	0°♊	
direct	-3630 Sep 01 j 02:28	11°☿02'11				-3627 Feb 08 j 15:52	0°♊	
greatest brilliancy	-3630 Sep 12 j 00:45	13°☿16'26	-4.9m	evening rise		-3627 Feb 17 j 12:34	10°♊55'30	
	-3630 Oct 06 j 19:10	0°♊		greatest brilliancy		-3627 Feb 24 j 19:12	19°♊52'33	-3.9m
asc. node	-3630 Oct 11 j 06:28	4°♊04'22				-3627 Mar 05 j 01:08	0°♊	
morning max el	-3630 Oct 21 j 22:24	14°♊32'51	46°52'38	asc. node		-3627 Mar 28 j 01:17	28°♊07'33	
	-3630 Nov 05 j 09:51	0°♊				-3627 Mar 29 j 14:13	0°♊	
	-3630 Dec 01 j 15:21	0°♊				-3627 Apr 23 j 08:04	0°♊	
	-3630 Dec 26 j 21:33	0°♊				-3627 May 18 j 08:02	0°♊	
	-3629 Jan 20 j 20:09	0°♊				-3627 Jun 12 j 16:59	0°♊	
desc. node	-3629 Jan 31 j 02:38	12°♊23'45				-3627 Jul 08 j 17:39	0°♊	
	-3629 Feb 14 j 16:06	0°♊		desc. node		-3627 Jul 17 j 19:57	10°♊11'45	
	-3629 Mar 11 j 10:18	0°♊				-3627 Aug 05 j 04:06	0°♊	
	-3629 Apr 05 j 02:28	0°♊		evening max el		-3627 Aug 14 j 23:02	9°♊59'03	47°11'06
morning set	-3629 Apr 24 j 18:33	24°♊00'45				-3627 Sep 06 j 08:28	0°♊	
	-3629 Apr 29 j 15:57	0°♊		greatest brilliancy		-3627 Sep 24 j 23:12	10°♊47'32	-4.9m
asc. node	-3629 May 23 j 23:38	29°♊52'22		retrograde		-3627 Oct 04 j 09:29	12°♊28'12	
	-3629 May 24 j 02:07	0°♊		evening set		-3627 Oct 19 j 10:31	7°♊59'10	
max. Earth dist.	-3629 May 27 j 03:50	3°♊47'07	1.73284 AU	inferior conj		-3627 Oct 24 j 22:00	4°♊44'09	-3°28'52
				minimum elong		-3627 Oct 25 j 05:23	4°♊32'49	3°26'40
superior conj	-3629 May 30 j 15:03	8°♊03'47	0°15'34	min. Earth dist.		-3627 Oct 24 j 19:04	4°♊48'39	0.26365 AU
minimum elong	-3629 May 30 j 12:01	7°♊54'24	0°15'30	morning rise		-3627 Oct 31 j 00:31	1°♊10'11	
behind sun begin	-3629 May 30 j 07:28	7°♊40'22				-3627 Nov 02 j 08:51	30°♊	
behind sun end	-3629 May 30 j 16:34	8°♊08'27		asc. node		-3627 Nov 07 j 17:51	28°♊01'13	
	-3629 Jun 17 j 08:45	0°♊		direct		-3627 Nov 14 j 04:05	27°♊09'59	
evening rise	-3629 Jul 05 j 09:14	22°♊22'21		greatest brilliancy		-3627 Nov 24 j 03:37	29°♊04'22	-4.9m
	-3629 Jul 11 j 12:23	0°♊				-3627 Nov 26 j 10:57	0°♊	
	-3629 Aug 04 j 14:31	0°♊		morning max el		-3626 Jan 03 j 07:39	29°♊46'22	46°32'47
	-3629 Aug 28 j 17:05	0°♊				-3626 Jan 03 j 13:07	0°♊	
desc. node	-3629 Sep 12 j 18:13	18°♊40'19				-3626 Jan 31 j 18:42	0°♊	
	-3629 Sep 21 j 22:01	0°♊		desc. node		-3626 Feb 27 j 06:05	0°♊	
	-3629 Oct 16 j 07:23	0°♊				-3626 Feb 27 j 14:33	0°♊24'22	
	-3629 Nov 10 j 00:57	0°♊				-3626 Mar 24 j 23:55	0°♊	
	-3629 Dec 05 j 11:42	0°♊				-3626 Apr 19 j 07:06	0°♊	
	-3628 Jan 01 j 16:07	0°♊				-3626 May 14 j 05:53	0°♊	
asc. node	-3628 Jan 03 j 14:59	2°♊01'15				-3626 Jun 07 j 20:55	0°♊	
evening max el	-3628 Jan 08 j 08:05	6°♊47'36	46°04'46	asc. node		-3626 Jun 20 j 11:43	15°♊30'50	
	-3628 Feb 04 j 11:46	0°♊		morning set		-3626 Jun 30 j 21:14	28°♊22'18	
greatest brilliancy	-3628 Feb 15 j 22:50	6°♊03'52	-4.8m			-3626 Jul 02 j 04:44	0°♊	
retrograde	-3628 Feb 26 j 19:50	8°♊13'47				-3626 Jul 26 j 06:27	0°♊	
evening set	-3628 Mar 14 j 22:37	2°♊33'42		max. Earth dist.		-3626 Aug 03 j 06:38	10°♊02'05	1.71628 AU
inferior conj	-3628 Mar 19 j 05:46	29°♊52'51	6°57'25					
minimum elong	-3628 Mar 19 j 13:58	29°♊39'49	6°56'06	superior conj		-3626 Aug 06 j 23:50	14°♊41'54	1°21'46
	-3628 Mar 19 j 01:16	30°♊		minimum elong		-3626 Aug 06 j 19:33	14°♊28'27	1°21'51
min. Earth dist.	-3628 Mar 19 j 13:24	29°♊40'42	0.29320 AU			-3626 Aug 19 j 04:08	0°♊	
morning rise	-3628 Mar 24 j 05:26	26°♊47'45				-3626 Sep 12 j 00:23	0°♊	
direct	-3628 Apr 09 j 23:18	21°♊26'53		evening rise		-3626 Sep 14 j 23:33	3°♊43'46	
greatest brilliancy	-3628 Apr 20 j 01:30	23°♊17'29	-4.7m			-3626 Oct 05 j 21:29	0°♊	
desc. node	-3628 Apr 24 j 11:13	25°♊05'58		desc. node		-3626 Oct 10 j 06:31	5°♊29'07	
	-3628 May 03 j 03:01	0°♊				-3626 Oct 29 j 20:59	0°♊	
morning max el	-3628 May 28 j 21:58	21°♊21'12	45°51'58			-3626 Nov 23 j 00:09	0°♊	
	-3628 Jun 06 j 16:41	0°♊				-3626 Dec 17 j 09:06	0°♊	
	-3628 Jul 04 j 14:45	0°♊				-3625 Jan 11 j 04:29	0°♊	
	-3628 Jul 30 j 12:39	0°♊		asc. node		-3625 Jan 31 j 02:57	23°♊27'34	
asc. node	-3628 Aug 15 j 09:28	19°♊02'37				-3625 Feb 05 j 19:26	0°♊	
	-3628 Aug 24 j 09:05	0°♊				-3625 Mar 05 j 02:02	0°♊	
	-3628 Sep 17 j 14:37	0°♊		evening max el		-3625 Mar 20 j 03:03	15°♊05'21	45°08'54
	-3628 Oct 11 j 12:40	0°♊				-3625 Apr 06 j 03:42	0°♊	
	-3628 Nov 04 j 08:43	0°♊		greatest brilliancy		-3625 Apr 26 j 18:06	12°♊17'08	-4.7m

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

retrograde	-3625 May 07 j 07:28	14°♄16'32		superior conj	-3623 Oct 20 j 20:03	0°♁34'57	0°38'18
evening set	-3625 May 22 j 05:16	10°♄04'29		minimum elong	-3623 Oct 21 j 05:25	1°♁04'28	0°37'53
desc. node	-3625 May 22 j 22:48	9°♄40'51		max. Earth dist.	-3623 Oct 24 j 01:39	4°♁39'26	1.70948 AU
inferior conj	-3625 May 28 j 17:07	6°♄16'02	-1°20'26	desc. node	-3623 Nov 06 j 18:42	21°♁54'18	
minimum elong	-3625 May 28 j 14:09	6°♄20'35	1°19'29		-3623 Nov 13 j 05:28	0°♄	
min. Earth dist.	-3625 May 29 j 06:22	5°♄55'34	0.28621 AU	evening rise	-3623 Dec 02 j 09:35	24°♄00'08	
morning rise	-3625 Jun 03 j 22:15	2°♄34'04			-3623 Dec 07 j 04:54	0°♄	
	-3625 Jun 09 j 08:02	30°♄			-3623 Dec 31 j 07:53	0°♄	
direct	-3625 Jun 19 j 08:42	28°♄01'36			-3622 Jan 24 j 15:40	0°♄	
	-3625 Jun 29 j 20:34	0°♄			-3622 Feb 18 j 06:43	0°♄	
greatest brilliancy	-3625 Jun 30 j 11:54	0°♄14'10	-4.8m	asc. node	-3622 Feb 27 j 15:10	11°♄15'49	
morning max el	-3625 Aug 08 j 01:26	29°♄10'40	46°24'17		-3622 Mar 15 j 08:42	0°♄	
	-3625 Aug 08 j 21:22	0°♄			-3622 Apr 10 j 03:27	0°♄	
	-3625 Sep 05 j 20:02	0°♄			-3622 May 07 j 03:14	0°♄	
asc. node	-3625 Sep 12 j 21:16	8°♄05'49		evening max el	-3622 May 30 j 17:03	24°♄05'46	45°41'47
	-3625 Oct 01 j 10:02	0°♄			-3622 Jun 06 j 01:01	0°♄	
	-3625 Oct 26 j 00:48	0°♄		desc. node	-3622 Jun 19 j 10:24	11°♄13'39	
	-3625 Nov 19 j 06:37	0°♄		greatest brilliancy	-3622 Jul 09 j 07:31	22°♄33'47	-4.8m
	-3625 Dec 13 j 10:51	0°♄		retrograde	-3622 Jul 18 j 20:27	24°♄12'25	
desc. node	-3624 Jan 02 j 16:51	25°♄04'14		evening set	-3622 Aug 05 j 09:53	18°♄28'06	
	-3624 Jan 06 j 16:34	0°♄		inferior conj	-3622 Aug 08 j 18:15	16°♄28'13	-8°43'49
	-3624 Jan 31 j 00:16	0°♄		minimum elong	-3622 Aug 08 j 14:05	16°♄34'30	8°43'26
morning set	-3624 Feb 12 j 22:29	15°♄54'44		min. Earth dist.	-3622 Aug 09 j 03:01	16°♄14'57	0.27402 AU
	-3624 Feb 24 j 09:27	0°♄		morning rise	-3622 Aug 11 j 18:09	14°♄40'28	
	-3624 Mar 19 j 19:32	0°♄		direct	-3622 Aug 29 j 16:59	8°♄37'57	
				greatest brilliancy	-3622 Sep 09 j 14:06	10°♄51'14	-4.9m
superior conj	-3624 Mar 21 j 12:09	2°♄04'37	-1°08'15		-3622 Oct 07 j 01:47	0°♄	
minimum elong	-3624 Mar 21 j 20:33	2°♄30'24	1°08'05	asc. node	-3622 Oct 10 j 08:34	3°♄03'45	
max. Earth dist.	-3624 Mar 21 j 15:53	2°♄16'07	1.73639 AU	morning max el	-3622 Oct 19 j 12:40	12°♄07'54	46°52'22
	-3624 Apr 13 j 06:08	0°♄			-3622 Nov 05 j 04:29	0°♄	
asc. node	-3624 Apr 24 j 13:31	13°♄52'28			-3622 Dec 01 j 06:33	0°♄	
evening rise	-3624 Apr 26 j 19:56	16°♄39'21			-3622 Dec 26 j 11:07	0°♄	
	-3624 May 07 j 16:56	0°♄			-3621 Jan 20 j 08:46	0°♄	
	-3624 Jun 01 j 03:52	0°♄		desc. node	-3621 Jan 30 j 04:54	11°♄53'19	
	-3624 Jun 25 j 15:31	0°♄			-3621 Feb 14 j 04:04	0°♄	
	-3624 Jul 20 j 05:29	0°♄			-3621 Mar 10 j 21:51	0°♄	
desc. node	-3624 Aug 14 j 08:06	0°♄22'41			-3621 Apr 04 j 13:44	0°♄	
	-3624 Aug 14 j 00:33	0°♄		morning set	-3621 Apr 22 j 13:29	21°♄57'54	
	-3624 Sep 08 j 05:18	0°♄			-3621 Apr 29 j 03:02	0°♄	
	-3624 Oct 04 j 06:01	0°♄		asc. node	-3621 May 23 j 01:45	29°♄24'57	
evening max el	-3624 Oct 25 j 23:49	23°♄27'34	47°26'07		-3621 May 23 j 13:08	0°♄	
	-3624 Nov 01 j 12:36	0°♄		max. Earth dist.	-3621 May 25 j 00:30	1°♄48'57	1.73320 AU
asc. node	-3624 Dec 05 j 05:28	25°♄17'40					
greatest brilliancy	-3624 Dec 05 j 11:07	25°♄23'16	-4.9m	superior conj	-3621 May 28 j 09:59	6°♄00'08	0°12'32
retrograde	-3624 Dec 16 j 03:45	27°♄35'42		minimum elong	-3621 May 28 j 07:31	5°♄52'33	0°12'30
evening set	-3623 Jan 01 j 04:41	22°♄25'57		behind sun begin	-3621 May 27 j 17:48	5°♄10'14	
min. Earth dist.	-3623 Jan 05 j 03:18	20°♄00'18	0.27919 AU	behind sun end	-3621 May 28 j 21:14	6°♄34'51	
inferior conj	-3623 Jan 06 j 04:27	19°♄20'21	6°46'42		-3621 Jun 16 j 19:48	0°♄	
minimum elong	-3623 Jan 05 j 19:26	19°♄34'40	6°44'57	evening rise	-3621 Jul 03 j 03:26	20°♄14'58	
morning rise	-3623 Jan 10 j 10:43	16°♄41'31			-3621 Jul 10 j 23:36	0°♄	
direct	-3623 Jan 26 j 23:32	11°♄18'55			-3621 Aug 04 j 02:00	0°♄	
greatest brilliancy	-3623 Feb 04 j 19:03	12°♄45'38	-4.8m		-3621 Aug 28 j 04:54	0°♄	
	-3623 Mar 04 j 05:07	0°♄		desc. node	-3621 Sep 11 j 20:18	18°♄09'25	
morning max el	-3623 Mar 16 j 21:56	11°♄30'13	45°56'44		-3621 Sep 21 j 10:15	0°♄	
desc. node	-3623 Mar 27 j 01:58	21°♄32'49			-3621 Oct 15 j 20:11	0°♄	
	-3623 Apr 04 j 06:13	0°♄			-3621 Nov 09 j 14:38	0°♄	
	-3623 May 01 j 17:01	0°♄			-3621 Dec 05 j 03:07	0°♄	
	-3623 May 27 j 18:54	0°♄			-3620 Jan 01 j 12:08	0°♄	
	-3623 Jun 22 j 01:14	0°♄		asc. node	-3620 Jan 02 j 17:14	1°♄14'34	
	-3623 Jul 16 j 17:12	0°♄		evening max el	-3620 Jan 06 j 00:02	4°♄33'25	46°07'44
asc. node	-3623 Jul 17 j 23:48	1°♄34'03			-3620 Feb 05 j 15:35	0°♄	
	-3623 Aug 09 j 22:14	0°♄		greatest brilliancy	-3620 Feb 13 j 16:16	3°♄55'38	-4.8m
	-3623 Sep 02 j 20:02	0°♄		retrograde	-3620 Feb 24 j 12:45	6°♄05'03	
greatest brilliancy	-3623 Sep 05 j 03:55	2°♄56'03	-3.9m	evening set	-3620 Mar 12 j 17:56	0°♄21'36	
morning set	-3623 Sep 10 j 07:14	9°♄24'47			-3620 Mar 13 j 08:09	30°♄	
	-3623 Sep 26 j 14:29	0°♄		inferior conj	-3620 Mar 16 j 22:45	27°♄43'51	7°07'29
	-3623 Oct 20 j 08:57	0°♄		minimum elong	-3620 Mar 17 j 06:39	27°♄31'15	7°06'16

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

min. Earth dist.	-3620 Mar 17 j 05:23	27° \approx 33'16	0.29313 AU		-3618 Aug 18 j 15:19	0° Ω	
morning rise	-3620 Mar 21 j 19:30	24° \approx 42'37			-3618 Sep 11 j 11:39	0° Π	
direct	-3620 Apr 07 j 16:11	19° \approx 18'14		evening rise	-3618 Sep 12 j 11:02	1° Π 13'30	
greatest brilliancy	-3620 Apr 17 j 16:17	21° \approx 06'54	-4.7m		-3618 Oct 05 j 08:54	0° Ω	
desc. node	-3620 Apr 23 j 13:20	23° \approx 37'47		desc. node	-3618 Oct 09 j 08:32	4° Ω 59'38	
	-3620 May 03 j 23:09	0° X			-3618 Oct 29 j 08:36	0° Π	
morning max el	-3620 May 26 j 13:47	19° X 10'23	45°51'23		-3618 Nov 22 j 11:59	0° X	
	-3620 Jun 06 j 12:05	0° Υ			-3618 Dec 16 j 21:19	0° Ξ	
	-3620 Jul 04 j 05:41	0° X			-3617 Jan 10 j 17:24	0° \approx	
	-3620 Jul 30 j 01:49	0° Π		asc. node	-3617 Jan 30 j 05:07	22° \approx 53'24	
asc. node	-3620 Aug 14 j 11:43	18° Π 31'13			-3617 Feb 05 j 09:52	0° X	
	-3620 Aug 23 j 21:25	0° Ξ			-3617 Mar 04 j 20:21	0° Υ	
	-3620 Sep 17 j 02:32	0° Ω		evening max el	-3617 Mar 17 j 17:52	12° Υ 52'10	45°09'31
	-3620 Oct 11 j 00:22	0° Π			-3617 Apr 06 j 16:03	0° X	
	-3620 Nov 03 j 20:17	0° Ω		greatest brilliancy	-3617 Apr 24 j 08:43	10° X 05'42	-4.7m
morning set	-3620 Nov 25 j 23:25	27° Ω 47'41		retrograde	-3617 May 04 j 23:15	12° X 06'24	
	-3620 Nov 27 j 17:39	0° Π		evening set	-3617 May 19 j 21:08	7° X 53'12	
desc. node	-3620 Dec 04 j 06:54	8° Π 12'04		desc. node	-3617 May 22 j 00:55	6° X 41'20	
	-3620 Dec 21 j 17:52	0° X		inferior conj	-3617 May 26 j 08:51	4° X 04'54	-1°00'25
				minimum elong	-3617 May 26 j 06:37	4° X 08'20	0°59'42
superior conj	-3619 Jan 06 j 19:18	19° X 58'48	-1°07'18	min. Earth dist.	-3617 May 26 j 22:31	3° X 43'50	0.28663 AU
minimum elong	-3619 Jan 06 j 08:46	19° X 26'07	1°07'09	morning rise	-3617 Jun 01 j 15:20	0° X 21'12	
max. Earth dist.	-3619 Jan 11 j 00:17	25° X 12'18	1.72341 AU		-3617 Jun 02 j 07:00	30° $\text{R}\Upsilon$	
	-3619 Jan 14 j 21:02	0° Ξ		direct	-3617 Jun 17 j 00:41	25° Υ 49'29	
	-3619 Feb 08 j 03:05	0° \approx		greatest brilliancy	-3617 Jun 28 j 04:29	28° Υ 02'49	-4.8m
evening rise	-3619 Feb 15 j 03:35	8° \approx 39'23			-3617 Jul 02 j 14:55	0° X	
greatest brilliancy	-3619 Feb 23 j 12:42	18° \approx 58'08	-3.9m	morning max el	-3617 Aug 05 j 17:18	26° X 56'06	46°23'02
	-3619 Mar 04 j 12:22	0° X			-3617 Aug 08 j 19:06	0° Π	
asc. node	-3619 Mar 27 j 03:19	27° X 38'59			-3617 Sep 05 j 11:55	0° Ξ	
	-3619 Mar 29 j 01:40	0° Υ		asc. node	-3617 Sep 11 j 23:15	7° Ξ 27'34	
	-3619 Apr 22 j 19:56	0° X			-3617 Sep 30 j 23:47	0° Ω	
	-3619 May 17 j 20:37	0° Π			-3617 Oct 25 j 13:31	0° Π	
	-3619 Jun 12 j 06:45	0° Ξ			-3617 Nov 18 j 18:45	0° Ω	
	-3619 Jul 08 j 09:35	0° Ω			-3617 Dec 12 j 22:35	0° Π	
desc. node	-3619 Jul 16 j 22:13	9° Ω 30'44		desc. node	-3616 Jan 01 j 19:04	24° Π 35'38	
	-3619 Aug 05 j 01:04	0° Π			-3616 Jan 06 j 04:00	0° X	
evening max el	-3619 Aug 12 j 11:37	7° Π 31'54	47°08'34		-3616 Jan 30 j 11:27	0° Ξ	
	-3619 Sep 07 j 05:52	0° Ω		morning set	-3616 Feb 10 j 13:08	13° Ξ 37'57	
greatest brilliancy	-3619 Sep 22 j 13:18	8° Ω 18'50	-4.9m		-3616 Feb 23 j 20:28	0° \approx	
retrograde	-3619 Oct 01 j 21:04	9° Ω 57'24					
evening set	-3619 Oct 17 j 01:21	5° Ω 25'27		superior conj	-3616 Mar 19 j 05:46	29° \approx 57'54	-1°10'02
inferior conj	-3619 Oct 22 j 10:17	2° Ω 14'19	-3°51'21	minimum elong	-3616 Mar 19 j 13:59	0° X 23'05	1°09'53
minimum elong	-3619 Oct 22 j 18:20	2° Ω 01'59	3°48'58		-3616 Mar 19 j 06:27	0° X	
min. Earth dist.	-3619 Oct 22 j 09:03	2° Ω 16'12	0.26364 AU	max. Earth dist.	-3616 Mar 19 j 12:03	0° X 17'10	1.73622 AU
	-3619 Oct 26 j 03:31	30° $\text{R}\Pi$			-3616 Apr 12 j 17:03	0° Υ	
morning rise	-3619 Oct 28 j 11:25	28° Π 41'56		asc. node	-3616 Apr 23 j 15:36	13° Υ 25'22	
asc. node	-3619 Nov 06 j 20:00	25° Π 09'01		evening rise	-3616 Apr 24 j 15:01	14° Υ 37'10	
direct	-3619 Nov 11 j 15:53	24° Π 40'07			-3616 May 07 j 03:57	0° X	
greatest brilliancy	-3619 Nov 21 j 17:59	26° Π 36'25	-4.9m		-3616 May 31 j 15:08	0° Π	
	-3619 Nov 28 j 22:13	0° Ω			-3616 Jun 25 j 03:13	0° Ξ	
morning max el	-3619 Dec 31 j 20:07	27° Ω 18'49	46°34'02		-3616 Jul 19 j 17:48	0° Ω	
	-3618 Jan 03 j 12:07	0° Π		desc. node	-3616 Aug 13 j 10:08	29° Ω 49'08	
	-3618 Jan 31 j 11:17	0° X			-3616 Aug 13 j 13:46	0° Π	
desc. node	-3618 Feb 26 j 16:38	29° X 49'49			-3616 Sep 07 j 19:55	0° Ω	
	-3618 Feb 26 j 20:09	0° Ξ			-3616 Oct 03 j 23:21	0° Π	
	-3618 Mar 24 j 12:38	0° \approx		evening max el	-3616 Oct 23 j 15:42	21° Π 08'53	47°27'50
	-3618 Apr 18 j 19:02	0° X			-3616 Nov 01 j 14:01	0° X	
	-3618 May 13 j 17:20	0° Υ		greatest brilliancy	-3616 Dec 03 j 02:40	23° X 03'56	-4.9m
	-3618 Jun 07 j 08:09	0° X		asc. node	-3616 Dec 04 j 07:41	23° X 31'08	
asc. node	-3618 Jun 19 j 13:55	15° X 03'11		retrograde	-3616 Dec 13 j 19:59	25° X 17'05	
morning set	-3618 Jun 28 j 14:27	26° X 12'26		evening set	-3616 Dec 29 j 17:07	20° X 11'45	
	-3618 Jul 01 j 15:52	0° Π		min. Earth dist.	-3615 Jan 02 j 17:47	17° X 43'24	0.27842 AU
	-3618 Jul 25 j 17:35	0° Ξ		inferior conj	-3615 Jan 03 j 19:41	17° X 02'22	6°34'15
max. Earth dist.	-3618 Jul 31 j 20:33	7° Ξ 40'19	1.71685 AU	minimum elong	-3615 Jan 03 j 10:29	17° X 16'58	6°32'22
				morning rise	-3615 Jan 08 j 04:27	14° X 20'20	
superior conj	-3618 Aug 04 j 15:22	12° Ξ 25'05	1°20'54	direct	-3615 Jan 24 j 14:12	9° X 02'08	
minimum elong	-3618 Aug 04 j 10:25	12° Ξ 09'33	1°20'58	greatest brilliancy	-3615 Feb 02 j 09:06	10° X 28'55	-4.8m

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3615 Mar 04 j 10:23	0° Z				-3613 Aug 27 j 16:25	0° M		
morning max el	-3615 Mar 14 j 14:05	9° Z 19'31	45°57'32	desc. node		-3613 Sep 10 j 22:19	17° M 39'21		
desc. node	-3615 Mar 26 j 04:03	20° Z 48'57				-3613 Sep 20 j 22:11	0° L		
	-3615 Apr 03 j 23:39	0° \approx				-3613 Oct 15 j 08:42	0° M		
	-3615 May 01 j 07:07	0° H				-3613 Nov 09 j 04:05	0° J		
	-3615 May 27 j 07:30	0° Y				-3613 Dec 04 j 18:24	0° Z		
	-3615 Jun 21 j 13:02	0° B				-3612 Jan 01 j 08:21	0° \approx		
asc. node	-3615 Jul 16 j 04:35	0° II		asc. node		-3612 Jan 01 j 19:25	0° \approx 28'06		
	-3615 Jul 17 j 01:57	1° II 05'42		evening max el		-3612 Jan 03 j 15:18	2° \approx 18'29	46°10'47	
	-3615 Aug 09 j 09:25	0° E				-3612 Feb 07 j 06:38	0° H		
greatest brilliancy	-3615 Sep 02 j 07:09	0° L		greatest brilliancy		-3612 Feb 11 j 10:10	1° H 49'20	-4.8m	
morning set	-3615 Sep 04 j 09:25	2° L 38'20	-3.9m	retrograde		-3612 Feb 22 j 05:31	3° H 58'09		
	-3615 Sep 07 j 19:48	6° L 58'00				-3612 Mar 07 j 09:24	30° R \approx		
	-3615 Sep 26 j 01:37	0° M		evening set		-3612 Mar 10 j 13:18	28° \approx 11'29		
				inferior conj		-3612 Mar 14 j 15:57	25° \approx 36'49	7°16'46	
superior conj	-3615 Oct 18 j 05:19	27° M 57'43	0°41'49	minimum elong		-3612 Mar 14 j 23:29	25° \approx 24'46	7°15'41	
minimum elong	-3615 Oct 18 j 15:14	28° M 29'01	0°41'24	min. Earth dist.		-3612 Mar 14 j 21:46	25° \approx 27'31	0.29301 AU	
	-3615 Oct 19 j 20:06	0° L		morning rise		-3612 Mar 19 j 09:47	22° \approx 39'29		
max. Earth dist.	-3615 Oct 21 j 09:05	1° L 56'30	1.70927 AU	direct		-3612 Apr 05 j 08:46	17° \approx 11'34		
desc. node	-3615 Nov 05 j 20:52	21° L 26'06		greatest brilliancy		-3612 Apr 15 j 07:40	18° \approx 58'50	-4.7m	
	-3615 Nov 12 j 16:37	0° M		desc. node		-3612 Apr 22 j 15:28	22° \approx 14'13		
evening rise	-3615 Nov 29 j 19:12	21° M 25'29				-3612 May 04 j 13:18	0° H		
	-3615 Dec 06 j 16:02	0° J		morning max el		-3612 May 24 j 05:01	16° H 59'38	45°50'46	
	-3615 Dec 30 j 19:02	0° Z				-3612 Jun 06 j 06:25	0° Y		
	-3614 Jan 24 j 02:59	0° \approx				-3612 Jul 03 j 20:00	0° B		
	-3614 Feb 17 j 18:22	0° H				-3612 Jul 29 j 14:33	0° II		
asc. node	-3614 Feb 26 j 17:11	10° H 46'19		asc. node		-3612 Aug 13 j 13:42	18° II 00'10		
	-3614 Mar 14 j 21:04	0° Y				-3612 Aug 23 j 09:23	0° E		
	-3614 Apr 09 j 17:17	0° B				-3612 Sep 16 j 14:06	0° L		
	-3614 May 06 j 20:17	0° II				-3612 Oct 10 j 11:42	0° M		
evening max el	-3614 May 28 j 07:55	21° II 50'33	45°39'12			-3612 Nov 03 j 07:28	0° L		
	-3614 Jun 06 j 04:32	0° E		morning set		-3612 Nov 23 j 08:56	25° L 12'20		
desc. node	-3614 Jun 18 j 12:40	10° E 02'31				-3612 Nov 27 j 04:44	0° M		
greatest brilliancy	-3614 Jul 06 j 18:58	20° E 11'23	-4.8m	desc. node		-3612 Dec 03 j 09:02	7° M 44'11		
retrograde	-3614 Jul 16 j 09:10	21° E 50'37				-3612 Dec 21 j 04:51	0° J		
evening set	-3614 Aug 02 j 19:46	16° E 11'09							
inferior conj	-3614 Aug 06 j 07:27	14° E 06'09	-8°38'21	superior conj		-3611 Jan 04 j 06:56	17° J 31'56	-1°05'02	
minimum elong	-3614 Aug 06 j 02:29	14° E 13'42	8°37'52	minimum elong		-3611 Jan 03 j 20:08	16° J 58'22	1°04'50	
min. Earth dist.	-3614 Aug 06 j 15:48	13° E 53'31	0.27448 AU	max. Earth dist.		-3611 Jan 08 j 14:20	22° J 53'01	1.72279 AU	
morning rise	-3614 Aug 09 j 09:03	12° E 15'43				-3611 Jan 14 j 07:57	0° Z		
direct	-3614 Aug 27 j 07:19	6° E 15'20				-3611 Feb 07 j 13:56	0° \approx		
greatest brilliancy	-3614 Sep 07 j 03:45	8° E 27'37	-4.9m	evening rise		-3611 Feb 12 j 18:33	6° \approx 24'11		
	-3614 Oct 07 j 06:00	0° L		greatest brilliancy		-3611 Feb 22 j 09:40	18° \approx 15'29	-3.9m	
asc. node	-3614 Oct 09 j 10:45	2° L 05'40				-3611 Mar 03 j 23:14	0° H		
morning max el	-3614 Oct 17 j 01:59	9° L 41'30	46°51'57	asc. node		-3611 Mar 26 j 05:30	27° H 12'06		
	-3614 Nov 04 j 22:22	0° M				-3611 Mar 28 j 12:41	0° Y		
	-3614 Nov 30 j 21:16	0° L				-3611 Apr 22 j 07:22	0° B		
	-3614 Dec 26 j 00:16	0° M				-3611 May 17 j 08:47	0° II		
	-3613 Jan 19 j 20:59	0° J				-3611 Jun 11 j 20:12	0° E		
desc. node	-3613 Jan 29 j 06:56	11° J 23'20				-3611 Jul 08 j 01:23	0° L		
	-3613 Feb 13 j 15:39	0° Z		desc. node		-3611 Jul 16 j 00:12	8° L 49'25		
	-3613 Mar 10 j 09:00	0° \approx				-3611 Aug 04 j 22:25	0° M		
	-3613 Apr 04 j 00:35	0° H		evening max el		-3611 Aug 09 j 23:33	5° M 04'06	47°05'51	
morning set	-3613 Apr 20 j 08:37	19° H 56'53				-3611 Sep 08 j 10:36	0° L		
	-3613 Apr 28 j 13:44	0° Y		greatest brilliancy		-3611 Sep 20 j 03:08	5° L 50'19	-4.9m	
asc. node	-3613 May 22 j 03:57	28° Y 58'55		retrograde		-3611 Sep 29 j 08:35	7° L 27'17		
	-3613 May 22 j 23:47	0° B		evening set		-3611 Oct 14 j 16:08	2° L 51'46		
max. Earth dist.	-3613 May 22 j 19:59	29° Y 48'15	1.73361 AU	inferior conj		-3611 Oct 19 j 22:24	29° M 44'56	-4°13'19	
				minimum elong		-3611 Oct 20 j 07:04	29° M 31'42	4°10'49	
superior conj	-3613 May 26 j 05:05	3° B 58'06	0°09'31			-3611 Oct 19 j 12:33	30° R M		
minimum elong	-3613 May 26 j 03:12	3° B 52'18	0°09'31	min. Earth dist.		-3611 Oct 19 j 22:51	29° M 44'15	0.26368 AU	
behind sun begin	-3613 May 25 j 09:20	2° B 57'16		morning rise		-3611 Oct 25 j 21:58	26° M 14'43		
behind sun end	-3613 May 26 j 21:03	4° B 47'21		asc. node		-3611 Nov 05 j 22:11	22° M 23'21		
	-3613 Jun 16 j 06:32	0° II		direct		-3611 Nov 09 j 03:35	22° M 10'28		
evening rise	-3613 Jun 30 j 21:40	18° II 08'47		greatest brilliancy		-3611 Nov 19 j 08:19	24° M 09'07	-4.9m	
	-3613 Jul 10 j 10:32	0° E				-3611 Nov 30 j 11:47	0° L		
	-3613 Aug 03 j 13:11	0° L		morning max el		-3611 Dec 29 j 08:59	24° L 53'03	46°35'21	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3610 Jan 03 j 09:53	0°♍		desc. node	-3608 Aug 12 j 12:13	29°♏16'09	
	-3610 Jan 31 j 03:14	0°♊			-3608 Aug 13 j 02:51	0°♐	
desc. node	-3610 Feb 25 j 18:38	29°♊16'17			-3608 Sep 07 j 10:33	0°♑	
	-3610 Feb 26 j 09:44	0°♈			-3608 Oct 03 j 17:00	0°♒	
	-3610 Mar 24 j 00:56	0°♉		evening max el	-3608 Oct 21 j 08:01	18°♒50'59	47°29'04
	-3610 Apr 18 j 06:34	0°♊			-3608 Nov 01 j 17:00	0°♋	
	-3610 May 13 j 04:24	0°♋		greatest brilliancy	-3608 Nov 30 j 17:54	20°♋42'55	-4.9m
	-3610 Jun 06 j 18:58	0°♌		asc. node	-3608 Dec 03 j 09:49	21°♋39'02	
asc. node	-3610 Jun 18 j 16:04	14°♌36'39		retrograde	-3608 Dec 11 j 11:52	22°♋56'18	
morning set	-3610 Jun 26 j 08:07	24°♌05'16		evening set	-3608 Dec 27 j 05:09	17°♋55'43	
	-3610 Jul 01 j 02:36	0°♍		min. Earth dist.	-3608 Dec 31 j 07:51	15°♋24'28	0.27765 AU
	-3610 Jul 25 j 04:21	0°♎		inferior conj	-3607 Jan 01 j 10:27	14°♋42'23	6°20'52
max. Earth dist.	-3610 Jul 29 j 12:40	5°♎26'33	1.71748 AU	minimum elong	-3607 Jan 01 j 01:07	14°♋57'10	6°18'52
				morning rise	-3607 Jan 05 j 21:47	11°♋56'58	
superior conj	-3610 Aug 02 j 07:08	10°♎10'04	1°19'54	direct	-3607 Jan 22 j 04:44	6°♋43'37	
minimum elong	-3610 Aug 02 j 01:34	9°♎52'37	1°19'58	greatest brilliancy	-3607 Jan 30 j 22:32	8°♋09'59	-4.8m
	-3610 Aug 18 j 02:12	0°♏			-3607 Mar 04 j 14:06	0°♈	
evening rise	-3610 Sep 09 j 22:36	28°♏44'15		morning max el	-3607 Mar 12 j 05:28	7°♈06'23	45°58'24
	-3610 Sep 10 j 22:42	0°♐		desc. node	-3607 Mar 25 j 06:18	20°♈05'45	
	-3610 Oct 04 j 20:08	0°♑			-3607 Apr 03 j 16:50	0°♉	
desc. node	-3610 Oct 08 j 10:42	4°♑31'11			-3607 Apr 30 j 21:07	0°♊	
	-3610 Oct 28 j 20:01	0°♒			-3607 May 26 j 20:03	0°♋	
	-3610 Nov 21 j 23:38	0°♋			-3607 Jun 21 j 00:49	0°♌	
	-3610 Dec 16 j 09:20	0°♈			-3607 Jul 15 j 15:56	0°♍	
asc. node	-3609 Jan 10 j 06:10	0°♉		asc. node	-3607 Jul 16 j 03:58	0°♍37'00	
	-3609 Jan 29 j 07:08	22°♉19'15			-3607 Aug 08 j 20:34	0°♎	
	-3609 Feb 05 j 00:14	0°♊			-3607 Sep 01 j 18:13	0°♏	
evening max el	-3609 Mar 04 j 14:50	0°♋		greatest brilliancy	-3607 Sep 03 j 11:24	2°♏09'45	-3.9m
	-3609 Mar 15 j 09:36	10°♋42'05	45°10'20	morning set	-3607 Sep 05 j 08:53	4°♏33'05	
	-3609 Apr 07 j 07:59	0°♌			-3607 Sep 25 j 12:42	0°♐	
greatest brilliancy	-3609 Apr 21 j 23:28	7°♌55'45	-4.7m				
retrograde	-3609 May 02 j 15:39	9°♌57'45		superior conj	-3607 Oct 15 j 15:01	25°♐22'00	0°45'12
evening set	-3609 May 17 j 13:26	5°♌43'28		minimum elong	-3607 Oct 16 j 01:25	25°♐54'47	0°44'47
desc. node	-3609 May 21 j 03:06	3°♌41'33		max. Earth dist.	-3607 Oct 18 j 15:48	29°♐11'23	1.70912 AU
inferior conj	-3609 May 24 j 00:47	1°♌55'20	-0°40'33		-3607 Oct 19 j 07:14	0°♑	
minimum elong	-3609 May 23 j 23:17	1°♌57'38	0°40'03	desc. node	-3607 Nov 04 j 23:00	20°♑57'47	
min. Earth dist.	-3609 May 24 j 14:30	1°♌34'12	0.28699 AU		-3607 Nov 12 j 03:47	0°♒	
	-3609 May 27 j 04:14	30°♒♑		evening rise	-3607 Nov 27 j 04:34	18°♒49'42	
morning rise	-3609 May 30 j 08:28	28°♑10'11			-3607 Dec 06 j 03:16	0°♋	
direct	-3609 Jun 14 j 17:16	23°♑39'13			-3607 Dec 30 j 06:21	0°♈	
greatest brilliancy	-3609 Jun 25 j 20:30	25°♑52'30	-4.8m		-3606 Jan 23 j 14:28	0°♉	
	-3609 Jul 04 j 06:42	0°♊			-3606 Feb 17 j 06:14	0°♊	
morning max el	-3609 Aug 03 j 09:39	24°♊44'13	46°21'39	asc. node	-3606 Feb 25 j 19:22	10°♊16'42	
	-3609 Aug 08 j 15:37	0°♋			-3606 Mar 14 j 09:41	0°♋	
	-3609 Sep 05 j 03:14	0°♌			-3606 Apr 09 j 07:26	0°♌	
asc. node	-3609 Sep 11 j 01:29	6°♌51'13			-3606 May 06 j 13:55	0°♍	
	-3609 Sep 30 j 13:11	0°♏		evening max el	-3606 May 25 j 21:56	19°♍32'47	45°36'43
	-3609 Oct 25 j 02:01	0°♐			-3606 Jun 06 j 10:06	0°♎	
	-3609 Nov 18 j 06:45	0°♑		desc. node	-3606 Jun 17 j 14:42	8°♎48'26	
	-3609 Dec 12 j 10:13	0°♒		greatest brilliancy	-3606 Jul 04 j 07:10	17°♎49'34	-4.8m
desc. node	-3609 Dec 31 j 21:07	24°♒06'50		retrograde	-3606 Jul 13 j 21:31	19°♎28'50	
	-3608 Jan 05 j 15:19	0°♋		evening set	-3606 Jul 31 j 05:29	13°♎54'35	
	-3608 Jan 29 j 22:32	0°♈		inferior conj	-3606 Aug 03 j 20:44	11°♎44'15	-8°32'04
morning set	-3608 Feb 08 j 03:20	11°♈20'03		minimum elong	-3606 Aug 03 j 14:58	11°♎53'01	8°31'27
	-3608 Feb 23 j 07:21	0°♉		min. Earth dist.	-3606 Aug 04 j 05:01	11°♎31'41	0.27489 AU
				morning rise	-3606 Aug 07 j 00:16	9°♎50'43	
superior conj	-3608 Mar 16 j 23:08	27°♉50'39	-1°11'44	direct	-3606 Aug 24 j 21:07	3°♎52'45	
minimum elong	-3608 Mar 17 j 07:06	28°♉15'08	1°11'37	greatest brilliancy	-3606 Sep 04 j 17:54	6°♎04'39	-4.9m
max. Earth dist.	-3608 Mar 17 j 09:34	28°♉22'41	1.73601 AU		-3606 Oct 07 j 08:35	0°♏	
	-3608 Mar 18 j 17:15	0°♊		asc. node	-3606 Oct 08 j 12:56	1°♏08'47	
	-3608 Apr 12 j 03:51	0°♋		morning max el	-3606 Oct 14 j 14:18	7°♏12'30	46°51'40
evening rise	-3608 Apr 22 j 10:05	12°♋35'15			-3606 Nov 04 j 15:51	0°♐	
asc. node	-3608 Apr 22 j 17:50	12°♋58'58			-3606 Nov 30 j 11:51	0°♑	
	-3608 May 06 j 14:52	0°♌			-3606 Dec 25 j 13:27	0°♒	
	-3608 May 31 j 02:17	0°♍			-3605 Jan 19 j 09:20	0°♋	
	-3608 Jun 24 j 14:45	0°♎		desc. node	-3605 Jan 28 j 08:58	10°♋52'47	
	-3608 Jul 19 j 05:58	0°♏			-3605 Feb 13 j 03:27	0°♈	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3605 Mar 09 j 20:25	0°♊			-3603 Aug 04 j 21:02	0°♎		
	-3605 Apr 03 j 11:43	0°♋		evening max el	-3603 Aug 07 j 11:32	2°♎35'31	47°03'13	
morning set	-3605 Apr 18 j 03:13	17°♋53'23			-3603 Sep 10 j 04:31	0°♌		
	-3605 Apr 28 j 00:41	0°♍		greatest brilliancy	-3603 Sep 17 j 16:15	3°♌19'51	-4.9m	
max. Earth dist.	-3605 May 20 j 15:15	27°♍46'14	1.73399 AU	retrograde	-3603 Sep 26 j 20:27	4°♌56'04		
asc. node	-3605 May 21 j 06:00	28°♍31'39		evening set	-3603 Oct 12 j 06:56	0°♌16'28		
	-3605 May 22 j 10:42	0°♎			-3603 Oct 12 j 18:43	30°♎♎		
				inferior conj	-3603 Oct 17 j 10:23	27°♎14'04	-4°34'55	
superior conj	-3605 May 23 j 23:50	1°♎54'21	0°06'29	minimum elong	-3603 Oct 17 j 19:36	27°♎00'03	4°32'19	
minimum elong	-3605 May 23 j 22:33	1°♎50'25	0°06'29	min. Earth dist.	-3603 Oct 17 j 12:10	27°♎11'22	0.26374 AU	
behind sun begin	-3605 May 23 j 02:13	0°♎47'47		morning rise	-3603 Oct 23 j 08:10	23°♎46'41		
behind sun end	-3605 May 24 j 18:53	2°♎53'04		asc. node	-3603 Nov 05 j 00:18	19°♎42'37		
	-3605 Jun 15 j 17:32	0°♏		direct	-3603 Nov 06 j 15:31	19°♎39'18		
evening rise	-3605 Jun 28 j 15:50	16°♏01'44		greatest brilliancy	-3603 Nov 16 j 22:05	21°♎39'58	-4.9m	
	-3605 Jul 09 j 21:43	0°♐			-3603 Dec 01 j 14:51	0°♏		
	-3605 Aug 03 j 00:38	0°♑		morning max el	-3603 Dec 26 j 22:47	22°♏28'36	46°36'50	
	-3605 Aug 27 j 04:11	0°♒			-3602 Jan 03 j 07:12	0°♐		
desc. node	-3605 Sep 10 j 00:32	17°♒09'05			-3602 Jan 30 j 19:11	0°♑		
	-3605 Sep 20 j 10:20	0°♓		desc. node	-3602 Feb 24 j 20:54	28°♑43'01		
	-3605 Oct 14 j 21:25	0°♔			-3602 Feb 25 j 23:25	0°♒		
	-3605 Nov 08 j 17:47	0°♕			-3602 Mar 23 j 13:26	0°♓		
	-3605 Dec 04 j 10:03	0°♖			-3602 Apr 17 j 18:23	0°♋		
asc. node	-3605 Dec 31 j 21:25	29°♖39'44			-3602 May 12 j 15:49	0°♍		
evening max el	-3604 Jan 01 j 05:32	0°♗00'05	46°13'39		-3602 Jun 06 j 06:11	0°♎		
	-3604 Jan 01 j 05:30	0°♘		asc. node	-3602 Jun 17 j 18:05	14°♎08'34		
greatest brilliancy	-3604 Feb 09 j 03:42	29°♘41'03	-4.8m	morning set	-3602 Jun 24 j 01:38	21°♎56'32		
	-3604 Feb 10 j 00:20	0°♉			-3602 Jun 30 j 13:44	0°♏		
retrograde	-3604 Feb 19 j 22:05	1°♉49'41			-3602 Jul 24 j 15:29	0°♐		
	-3604 Feb 29 j 10:35	30°♉♎		max. Earth dist.	-3602 Jul 27 j 03:48	3°♐08'44	1.71806 AU	
evening set	-3604 Mar 08 j 08:21	25°♉59'37						
inferior conj	-3604 Mar 12 j 08:57	23°♉28'02	7°25'31	superior conj	-3602 Jul 30 j 22:44	7°♐53'33	1°18'47	
minimum elong	-3604 Mar 12 j 16:05	23°♉16'38	7°24'34	minimum elong	-3602 Jul 30 j 16:37	7°♐34'23	1°18'50	
min. Earth dist.	-3604 Mar 12 j 14:05	23°♉19'51	0.29292 AU		-3602 Aug 17 j 13:25	0°♑		
morning rise	-3604 Mar 16 j 23:54	20°♉34'47		evening rise	-3602 Sep 07 j 10:11	26°♑14'03		
direct	-3604 Apr 03 j 00:51	15°♉02'55			-3602 Sep 10 j 10:05	0°♒		
greatest brilliancy	-3604 Apr 12 j 23:26	16°♉49'35	-4.7m		-3602 Oct 04 j 07:42	0°♓		
desc. node	-3604 Apr 21 j 17:36	20°♉51'44		desc. node	-3602 Oct 07 j 12:47	4°♓01'24		
	-3604 May 05 j 00:33	0°♊			-3602 Oct 28 j 07:47	0°♔		
morning max el	-3604 May 21 j 20:14	14°♊47'32	45°50'17		-3602 Nov 21 j 11:38	0°♕		
	-3604 Jun 06 j 00:46	0°♋			-3602 Dec 15 j 21:41	0°♖		
	-3604 Jul 03 j 10:33	0°♌			-3601 Jan 09 j 19:15	0°♗		
	-3604 Jul 29 j 03:32	0°♍		asc. node	-3601 Jan 28 j 09:22	21°♗44'54		
asc. node	-3604 Aug 12 j 15:55	17°♍28'57			-3601 Feb 04 j 14:58	0°♋		
	-3604 Aug 22 j 21:37	0°♎			-3601 Mar 04 j 10:04	0°♍		
	-3604 Sep 16 j 01:57	0°♏		evening max el	-3601 Mar 13 j 01:58	8°♍32'53	45°11'07	
	-3604 Oct 09 j 23:18	0°♐			-3601 Apr 08 j 06:01	0°♎		
	-3604 Nov 02 j 18:54	0°♑		greatest brilliancy	-3601 Apr 19 j 14:25	5°♎45'25	-4.7m	
morning set	-3604 Nov 20 j 18:48	22°♑37'06		retrograde	-3601 Apr 30 j 07:55	7°♎48'07		
	-3604 Nov 26 j 16:03	0°♒		evening set	-3601 May 15 j 05:56	3°♎32'48		
desc. node	-3604 Dec 02 j 11:04	7°♒15'13		desc. node	-3601 May 20 j 05:09	0°♎39'32		
	-3604 Dec 20 j 16:04	0°♓			-3601 May 21 j 06:52	30°♎♍		
				inferior conj	-3601 May 21 j 16:43	29°♍44'49	-0°20'41	
superior conj	-3603 Jan 01 j 18:46	15°♓04'53	-1°02'38	minimum elong	-3601 May 21 j 15:57	29°♍45'59	0°20'23	
minimum elong	-3603 Jan 01 j 07:45	14°♓30'38	1°02'24	min. Earth dist.	-3601 May 22 j 06:20	29°♍23'47	0.28740 AU	
max. Earth dist.	-3603 Jan 06 j 03:15	20°♓29'30	1.72219 AU	morning rise	-3601 May 28 j 01:25	25°♍58'14		
	-3603 Jan 13 j 19:04	0°♔		direct	-3601 Jun 12 j 10:08	21°♍28'05		
	-3603 Feb 07 j 01:02	0°♕		greatest brilliancy	-3601 Jun 23 j 11:58	23°♍40'25	-4.8m	
evening rise	-3603 Feb 10 j 09:33	4°♕08'14			-3601 Jul 05 j 11:02	0°♎		
greatest brilliancy	-3603 Feb 20 j 17:05	16°♕50'15	-3.9m	morning max el	-3601 Aug 01 j 01:57	22°♎31'09	46°20'12	
	-3603 Mar 03 j 10:25	0°♋			-3601 Aug 08 j 11:57	0°♏		
asc. node	-3603 Mar 25 j 07:38	26°♋43'58			-3601 Sep 04 j 18:43	0°♐		
	-3603 Mar 28 j 00:06	0°♍		asc. node	-3601 Sep 10 j 03:40	6°♐13'58		
	-3603 Apr 21 j 19:14	0°♎			-3601 Sep 30 j 02:49	0°♑		
	-3603 May 16 j 21:26	0°♏			-3601 Oct 24 j 14:45	0°♒		
	-3603 Jun 11 j 10:10	0°♐			-3601 Nov 17 j 18:57	0°♓		
	-3603 Jul 07 j 17:52	0°♑			-3601 Dec 11 j 22:03	0°♔		
desc. node	-3603 Jul 15 j 02:19	8°♑06'51		desc. node	-3601 Dec 30 j 23:09	23°♒37'15		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3600 Jan 05 j 02:52	0°♊	evening set	-3598 Jul 28 j 15:10	11°♊39'01	
	-3600 Jan 29 j 09:49	0°♋	inferior conj	-3598 Aug 01 j 10:14	9°♊23'12	-8°24'53
morning set	-3600 Feb 05 j 17:37	9°♋01'40	minimum elong	-3598 Aug 01 j 03:43	9°♊33'07	8°24'06
	-3600 Feb 22 j 18:26	0°♌	min. Earth dist.	-3598 Aug 01 j 18:41	9°♊10'21	0.27539 AU
			morning rise	-3598 Aug 04 j 16:02	7°♊26'09	
superior conj	-3600 Mar 14 j 16:38	25°♌43'15 -1°13'20	direct	-3598 Aug 22 j 10:47	1°♊30'38	
minimum elong	-3600 Mar 15 j 00:19	26°♌06'52 1°13'13	greatest brilliancy	-3598 Sep 02 j 08:58	3°♊43'06	-4.9m
max. Earth dist.	-3600 Mar 15 j 08:38	26°♌32'25 1.73576 AU		-3598 Oct 07 j 09:55	0°♌	
	-3600 Mar 18 j 04:13	0°♍	asc. node	-3598 Oct 07 j 14:59	0°♌12'29	
	-3600 Apr 11 j 14:49	0°♎	morning max el	-3598 Oct 12 j 02:44	4°♌43'25	46°51'14
evening rise	-3600 Apr 20 j 05:19	10°♎33'19		-3598 Nov 04 j 09:09	0°♏	
asc. node	-3600 Apr 21 j 19:51	12°♎31'29		-3598 Nov 30 j 02:24	0°♐	
	-3600 May 06 j 01:58	0°♑		-3598 Dec 25 j 02:37	0°♑	
	-3600 May 30 j 13:40	0°♒		-3597 Jan 18 j 21:39	0°♊	
	-3600 Jun 24 j 02:36	0°♓	desc. node	-3597 Jan 27 j 11:13	10°♊22'57	
desc. node	-3600 Jul 18 j 18:29	0°♈		-3597 Feb 12 j 15:12	0°♋	
	-3600 Aug 11 j 14:24	28°♈42'24		-3597 Mar 09 j 07:45	0°♌	
	-3600 Aug 12 j 16:21	0°♍		-3597 Apr 02 j 22:46	0°♍	
	-3600 Sep 07 j 01:38	0°♎	morning set	-3597 Apr 15 j 21:59	15°♍50'36	
	-3600 Oct 03 j 11:20	0°♏		-3597 Apr 27 j 11:33	0°♎	
evening max el	-3600 Oct 19 j 00:12	16°♏32'00 47°30'16	max. Earth dist.	-3597 May 18 j 12:04	25°♎49'17	1.73434 AU
	-3600 Nov 01 j 21:57	0°♐	asc. node	-3597 May 20 j 08:06	28°♎04'51	
greatest brilliancy	-3600 Nov 28 j 09:38	18°♐21'45 -4.9m				
asc. node	-3600 Dec 02 j 11:53	19°♐41'51	superior conj	-3597 May 21 j 19:00	29°♎52'19	0°03'27
retrograde	-3600 Dec 09 j 03:29	20°♐34'31	minimum elong	-3597 May 21 j 18:19	29°♎50'10	0°03'29
evening set	-3600 Dec 24 j 17:19	15°♐38'52	behind sun begin	-3597 May 20 j 20:41	28°♎43'33	
min. Earth dist.	-3600 Dec 28 j 22:10	13°♐04'24 0.27683 AU	behind sun end	-3597 May 22 j 15:57	0°♏56'49	
inferior conj	-3600 Dec 30 j 01:10	12°♐21'41 6°06'48		-3597 May 21 j 21:30	0°♏	
minimum elong	-3600 Dec 29 j 15:47	12°♐36'32 6°04'42		-3597 Jun 15 j 04:25	0°♐	
morning rise	-3599 Jan 03 j 15:04	9°♐32'41	evening rise	-3597 Jun 26 j 10:33	13°♐57'01	
direct	-3599 Jan 19 j 19:12	4°♐24'30		-3597 Jul 09 j 08:46	0°♑	
greatest brilliancy	-3599 Jan 28 j 12:08	5°♐50'23 -4.8m		-3597 Aug 02 j 11:58	0°♒	
	-3599 Mar 04 j 16:27	0°♋		-3597 Aug 26 j 15:52	0°♓	
morning max el	-3599 Mar 09 j 20:03	4°♋50'51 45°59'25	desc. node	-3597 Sep 09 j 02:35	16°♓38'30	
desc. node	-3599 Mar 24 j 08:19	19°♋22'15		-3597 Sep 19 j 22:29	0°♈	
	-3599 Apr 03 j 09:46	0°♌		-3597 Oct 14 j 10:14	0°♉	
	-3599 Apr 30 j 11:02	0°♍		-3597 Nov 08 j 07:37	0°♊	
	-3599 May 26 j 08:35	0°♎		-3597 Dec 04 j 01:58	0°♋	
	-3599 Jun 20 j 12:38	0°♏	evening max el	-3597 Dec 29 j 19:37	27°♋41'11	46°16'49
asc. node	-3599 Jul 15 j 06:10	0°♐08'36	asc. node	-3597 Dec 30 j 23:39	28°♋51'13	
	-3599 Jul 15 j 03:23	0°♑		-3596 Jan 01 j 03:26	0°♌	
	-3599 Aug 08 j 07:51	0°♒	greatest brilliancy	-3596 Feb 06 j 20:50	27°♌32'23	-4.8m
	-3599 Sep 01 j 05:29	0°♓	retrograde	-3596 Feb 17 j 15:08	29°♌41'37	
greatest brilliancy	-3599 Sep 02 j 12:49	1°♓38'43 -3.9m	evening set	-3596 Mar 06 j 03:20	23°♌48'02	
morning set	-3599 Sep 02 j 21:47	2°♓06'59	inferior conj	-3596 Mar 10 j 01:59	21°♌19'31	7°33'44
	-3599 Sep 24 j 23:59	0°♈	minimum elong	-3596 Mar 10 j 08:41	21°♌08'50	7°32'53
			min. Earth dist.	-3596 Mar 10 j 06:15	21°♌12'43	0.29279 AU
superior conj	-3599 Oct 13 j 00:35	22°♈45'17 0°48'30	morning rise	-3596 Mar 14 j 14:05	18°♌30'32	
minimum elong	-3599 Oct 13 j 11:22	23°♈19'15 0°48'06	direct	-3596 Mar 31 j 16:50	12°♌54'32	
max. Earth dist.	-3599 Oct 15 j 18:16	26°♈12'19 1.70895 AU	greatest brilliancy	-3596 Apr 10 j 15:12	14°♌40'54	-4.7m
	-3599 Oct 18 j 18:32	0°♉	desc. node	-3596 Apr 20 j 19:41	19°♌32'15	
desc. node	-3599 Nov 04 j 00:59	20°♉28'32		-3596 May 05 j 08:36	0°♍	
	-3599 Nov 11 j 15:05	0°♊	morning max el	-3596 May 19 j 12:19	12°♍38'09	45°50'00
evening rise	-3599 Nov 24 j 13:34	16°♊12'16		-3596 Jun 05 j 18:25	0°♎	
	-3599 Dec 05 j 14:36	0°♋		-3596 Jul 03 j 00:40	0°♏	
	-3599 Dec 29 j 17:47	0°♌		-3596 Jul 28 j 16:11	0°♐	
	-3598 Jan 23 j 02:04	0°♍	asc. node	-3596 Aug 11 j 18:04	16°♐58'35	
	-3598 Feb 16 j 18:11	0°♎		-3596 Aug 22 j 09:32	0°♑	
asc. node	-3598 Feb 24 j 21:31	9°♎46'45		-3596 Sep 15 j 13:30	0°♒	
	-3598 Mar 13 j 22:24	0°♏		-3596 Oct 09 j 10:39	0°♓	
	-3598 Apr 08 j 21:42	0°♐		-3596 Nov 02 j 06:10	0°♈	
	-3598 May 06 j 07:51	0°♑	morning set	-3596 Nov 18 j 04:21	20°♈01'12	
evening max el	-3598 May 23 j 11:15	17°♑13'54 45°34'19		-3596 Nov 26 j 03:15	0°♉	
	-3598 Jun 06 j 17:40	0°♒	desc. node	-3596 Dec 01 j 13:13	6°♉47'00	
desc. node	-3598 Jun 16 j 16:47	7°♒32'45		-3596 Dec 20 j 03:11	0°♊	
greatest brilliancy	-3598 Jul 01 j 19:36	15°♒28'41 -4.8m				
retrograde	-3598 Jul 11 j 09:51	17°♒08'09	superior conj	-3596 Dec 30 j 05:51	12°♒35'43	-1°00'03

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

minimum elong	-3596 Dec 29 j 18:41	12° ♁ 01'00	0°59'48	transit begin	-3593 May 19 j 04:34	27° ♁ 41'37	
max. Earth dist.	-3595 Jan 03 j 13:23	17° ♁ 57'35	1.72158 AU	transit end	-3593 May 19 j 12:43	27° ♁ 29'00	
	-3595 Jan 13 j 06:05	0° ♁		desc. node	-3593 May 19 j 07:16	27° ♁ 37'27	
	-3595 Feb 06 j 11:59	0° ♁		min. Earth dist.	-3593 May 19 j 22:23	27° ♁ 14'03	0.28774 AU
evening rise	-3595 Feb 07 j 23:57	1° ♁ 50'54		morning rise	-3593 May 25 j 18:10	23° ♁ 47'15	
greatest brilliancy	-3595 Feb 16 j 20:56	12° ♁ 46'51	-3.9m	direct	-3593 Jun 10 j 02:54	19° ♁ 18'06	
	-3595 Mar 02 j 21:25	0° ♁		greatest brilliancy	-3593 Jun 21 j 03:08	21° ♁ 28'56	-4.8m
asc. node	-3595 Mar 24 j 09:40	26° ♁ 16'04			-3593 Jul 06 j 07:12	0° ♁	
	-3595 Mar 27 j 11:20	0° ♁		morning max el	-3593 Jul 29 j 17:33	20° ♁ 17'34	46°18'46
	-3595 Apr 21 j 06:55	0° ♁			-3593 Aug 08 j 07:16	0° ♁	
	-3595 May 16 j 09:54	0° ♁			-3593 Sep 04 j 09:37	0° ♁	
	-3595 Jun 10 j 23:58	0° ♁		asc. node	-3593 Sep 09 j 05:39	5° ♁ 37'32	
	-3595 Jul 07 j 10:14	0° ♁			-3593 Sep 29 j 15:59	0° ♁	
desc. node	-3595 Jul 14 j 04:34	7° ♁ 25'18			-3593 Oct 24 j 03:02	0° ♁	
	-3595 Aug 04 j 20:03	0° ♁			-3593 Nov 17 j 06:44	0° ♁	
evening max el	-3595 Aug 05 j 00:29	0° ♁ 10'54	47°00'36		-3593 Dec 11 j 09:29	0° ♁	
	-3595 Sep 12 j 22:08	0° ♁		desc. node	-3593 Dec 30 j 01:23	23° ♁ 09'27	
greatest brilliancy	-3595 Sep 15 j 04:43	0° ♁ 50'28	-4.9m		-3592 Jan 04 j 14:01	0° ♁	
retrograde	-3595 Sep 24 j 09:02	2° ♁ 26'35			-3592 Jan 28 j 20:46	0° ♁	
	-3595 Oct 05 j 08:09	30° ♁		morning set	-3592 Feb 03 j 07:38	6° ♁ 43'21	
evening set	-3595 Oct 09 j 21:59	27° ♁ 42'42			-3592 Feb 22 j 05:15	0° ♁	
inferior conj	-3595 Oct 14 j 22:29	24° ♁ 44'42	-4°55'49				
minimum elong	-3595 Oct 15 j 08:10	24° ♁ 29'59	4°53'09	superior conj	-3592 Mar 12 j 09:42	23° ♁ 35'15	-1°14'50
min. Earth dist.	-3595 Oct 15 j 01:09	24° ♁ 40'39	0.26388 AU	minimum elong	-3592 Mar 12 j 17:02	23° ♁ 57'45	1°14'45
morning rise	-3595 Oct 20 j 18:16	21° ♁ 20'31		max. Earth dist.	-3592 Mar 13 j 06:41	24° ♁ 39'42	1.73550 AU
direct	-3595 Nov 04 j 04:10	17° ♁ 09'44			-3592 Mar 17 j 14:58	0° ♁	
asc. node	-3595 Nov 04 j 02:24	17° ♁ 09'45			-3592 Apr 11 j 01:34	0° ♁	
greatest brilliancy	-3595 Nov 14 j 11:25	19° ♁ 11'35	-4.9m	evening rise	-3592 Apr 18 j 00:02	8° ♁ 30'30	
	-3595 Dec 02 j 10:14	0° ♁		asc. node	-3592 Apr 20 j 21:58	12° ♁ 04'56	
morning max el	-3595 Dec 24 j 13:21	20° ♁ 06'44	46°37'58		-3592 May 05 j 12:50	0° ♁	
	-3594 Jan 03 j 03:34	0° ♁			-3592 May 30 j 00:48	0° ♁	
	-3594 Jan 30 j 10:44	0° ♁			-3592 Jun 23 j 14:11	0° ♁	
desc. node	-3594 Feb 23 j 22:56	28° ♁ 09'42			-3592 Jul 18 j 06:46	0° ♁	
	-3594 Feb 25 j 12:51	0° ♁		desc. node	-3592 Aug 10 j 16:26	28° ♁ 08'54	
	-3594 Mar 23 j 01:41	0° ♁			-3592 Aug 12 j 05:39	0° ♁	
	-3594 Apr 17 j 05:54	0° ♁			-3592 Sep 06 j 16:35	0° ♁	
	-3594 May 12 j 02:56	0° ♁			-3592 Oct 03 j 05:41	0° ♁	
	-3594 Jun 05 j 17:04	0° ♁		evening max el	-3592 Oct 16 j 15:53	14° ♁ 12'47	47°31'22
asc. node	-3594 Jun 16 j 20:17	13° ♁ 41'59			-3592 Nov 02 j 04:21	0° ♁	
morning set	-3594 Jun 21 j 19:21	19° ♁ 49'32		greatest brilliancy	-3592 Nov 26 j 02:00	16° ♁ 02'39	-4.9m
	-3594 Jun 30 j 00:32	0° ♁		asc. node	-3592 Dec 01 j 14:06	17° ♁ 41'41	
	-3594 Jul 24 j 02:17	0° ♁		retrograde	-3592 Dec 06 j 18:42	18° ♁ 14'02	
max. Earth dist.	-3594 Jul 24 j 17:07	0° ♁ 46'22	1.71862 AU	evening set	-3592 Dec 22 j 05:41	13° ♁ 23'19	
				min. Earth dist.	-3592 Dec 26 j 12:57	10° ♁ 45'20	0.27602 AU
superior conj	-3594 Jul 28 j 14:49	5° ♁ 39'39	1°17'34	inferior conj	-3592 Dec 27 j 16:00	10° ♁ 02'29	5°52'01
minimum elong	-3594 Jul 28 j 08:12	5° ♁ 18'54	1°17'34	minimum elong	-3592 Dec 27 j 06:38	10° ♁ 17'20	5°49'50
	-3594 Aug 17 j 00:19	0° ♁		morning rise	-3591 Jan 01 j 08:26	7° ♁ 09'46	
evening rise	-3594 Sep 04 j 22:25	23° ♁ 47'03		direct	-3591 Jan 17 j 09:24	2° ♁ 06'52	
	-3594 Sep 09 j 21:07	0° ♁		greatest brilliancy	-3591 Jan 26 j 02:18	3° ♁ 32'36	-4.8m
	-3594 Oct 03 j 18:54	0° ♁			-3591 Mar 04 j 17:00	0° ♁	
desc. node	-3594 Oct 06 j 14:49	3° ♁ 32'42		morning max el	-3591 Mar 07 j 09:53	2° ♁ 34'17	46°00'15
	-3594 Oct 27 j 19:10	0° ♁		desc. node	-3591 Mar 23 j 10:26	18° ♁ 40'28	
	-3594 Nov 20 j 23:16	0° ♁			-3591 Apr 03 j 02:06	0° ♁	
	-3594 Dec 15 j 09:46	0° ♁			-3591 Apr 30 j 00:38	0° ♁	
	-3593 Jan 09 j 08:10	0° ♁			-3591 May 25 j 20:52	0° ♁	
asc. node	-3593 Jan 27 j 11:29	21° ♁ 10'35			-3591 Jun 20 j 00:13	0° ♁	
	-3593 Feb 04 j 05:41	0° ♁		asc. node	-3591 Jul 14 j 08:19	29° ♁ 40'44	
	-3593 Mar 04 j 05:39	0° ♁			-3591 Jul 14 j 14:34	0° ♁	
evening max el	-3593 Mar 10 j 18:29	6° ♁ 24'33	45°12'02		-3591 Aug 07 j 18:53	0° ♁	
	-3593 Apr 09 j 12:10	0° ♁		morning set	-3591 Aug 31 j 10:44	29° ♁ 41'54	
greatest brilliancy	-3593 Apr 17 j 06:07	3° ♁ 36'38	-4.7m		-3591 Aug 31 j 16:28	0° ♁	
retrograde	-3593 Apr 27 j 23:50	5° ♁ 39'08			-3591 Sep 24 j 11:00	0° ♁	
evening set	-3593 May 12 j 22:38	1° ♁ 22'54					
	-3593 May 15 j 09:27	30° ♁		superior conj	-3591 Oct 10 j 10:24	20° ♁ 10'04	0°51'41
inferior conj	-3593 May 19 j 08:40	27° ♁ 35'16	-0°00'49	minimum elong	-3591 Oct 10 j 21:27	20° ♁ 44'56	0°51'17
minimum elong	-3593 May 19 j 08:39	27° ♁ 35'18	0°00'45	max. Earth dist.	-3591 Oct 12 j 18:15	23° ♁ 06'11	1.70884 AU
transit middle	-3593 May 19 j 08:39	27° ♁ 35'18	0°00'45		-3591 Oct 18 j 05:35	0° ♁	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

desc. node	-3591 Nov 03 j 03:10	20°♄00'35		greatest brilliancy	-3588 Apr 08 j 06:27	12°♊31'59	-4.7m
	-3591 Nov 11 j 02:09	0°♌		desc. node	-3588 Apr 19 j 21:51	18°♊15'35	
evening rise	-3591 Nov 21 j 22:37	13°♌35'46			-3588 May 05 j 14:16	0°♋	
	-3591 Dec 05 j 01:42	0°♌		morning max el	-3588 May 17 j 05:11	10°♋30'51	45°49'37
	-3591 Dec 29 j 04:56	0°♍			-3588 Jun 05 j 11:43	0°♎	
	-3590 Jan 22 j 13:24	0°♍			-3588 Jul 02 j 14:44	0°♏	
	-3590 Feb 16 j 05:55	0°♋			-3588 Jul 28 j 04:53	0°♐	
asc. node	-3590 Feb 23 j 23:32	9°♋17'01		asc. node	-3588 Aug 10 j 20:05	16°♐27'27	
	-3590 Mar 13 j 10:57	0°♎			-3588 Aug 21 j 21:34	0°♑	
	-3590 Apr 08 j 11:58	0°♏			-3588 Sep 15 j 01:09	0°♒	
	-3590 May 06 j 02:08	0°♐			-3588 Oct 08 j 22:06	0°♓	
evening max el	-3590 May 21 j 00:18	14°♐54'41	45°32'02		-3588 Nov 01 j 17:29	0°♈	
	-3590 Jun 07 j 03:55	0°♑		morning set	-3588 Nov 15 j 13:56	17°♈25'10	
desc. node	-3590 Jun 15 j 19:02	6°♑15'08			-3588 Nov 25 j 14:29	0°♉	
greatest brilliancy	-3590 Jun 29 j 07:42	13°♑07'40	-4.8m	desc. node	-3588 Nov 30 j 15:20	6°♉18'33	
retrograde	-3590 Jul 08 j 22:32	14°♑47'58			-3588 Dec 19 j 14:21	0°♊	
evening set	-3590 Jul 26 j 00:36	9°♑23'49					
inferior conj	-3590 Jul 29 j 23:40	7°♑02'29	-8°16'44	superior conj	-3588 Dec 27 j 16:46	10°♊05'43	-0°57'20
minimum elong	-3590 Jul 29 j 16:28	7°♑13'26	8°15'48	minimum elong	-3588 Dec 27 j 05:34	9°♊30'52	0°57'05
min. Earth dist.	-3590 Jul 30 j 08:17	6°♑49'25	0.27586 AU	max. Earth dist.	-3587 Jan 01 j 00:06	15°♊27'12	1.72102 AU
morning rise	-3590 Aug 02 j 08:02	5°♑01'42			-3587 Jan 12 j 17:11	0°♋	
	-3590 Aug 13 j 11:59	30°♒♐		evening rise	-3587 Feb 05 j 14:23	29°♓33'19	
direct	-3590 Aug 20 j 00:17	29°♐08'47			-3587 Feb 05 j 23:03	0°♌	
	-3590 Aug 26 j 17:06	0°♑		greatest brilliancy	-3587 Feb 14 j 03:41	10°♌05'49	-3.9m
greatest brilliancy	-3590 Aug 31 j 00:05	1°♑22'19	-4.9m		-3587 Mar 02 j 08:32	0°♋	
asc. node	-3590 Oct 06 j 17:12	29°♑18'17		asc. node	-3587 Mar 23 j 11:52	25°♋48'22	
	-3590 Oct 07 j 09:51	0°♒			-3587 Mar 26 j 22:40	0°♎	
morning max el	-3590 Oct 09 j 15:53	2°♒16'53	46°50'50		-3587 Apr 20 j 18:43	0°♏	
	-3590 Nov 04 j 01:55	0°♓			-3587 May 15 j 22:32	0°♐	
	-3590 Nov 29 j 16:37	0°♈			-3587 Jun 10 j 14:04	0°♑	
	-3590 Dec 24 j 15:33	0°♉			-3587 Jul 07 j 03:10	0°♒	
	-3589 Jan 18 j 09:46	0°♊		desc. node	-3587 Jul 13 j 06:33	6°♒41'45	
desc. node	-3589 Jan 26 j 13:14	9°♊53'01		evening max el	-3587 Aug 02 j 14:21	27°♒47'46	46°57'44
	-3589 Feb 12 j 02:45	0°♍			-3587 Aug 04 j 20:31	0°♓	
	-3589 Mar 08 j 18:54	0°♍		greatest brilliancy	-3587 Sep 12 j 16:49	28°♓19'31	-4.9m
	-3589 Apr 02 j 09:38	0°♋		retrograde	-3587 Sep 21 j 21:32	29°♓55'24	
morning set	-3589 Apr 13 j 16:43	13°♋48'02		evening set	-3587 Oct 07 j 13:00	25°♓07'25	
	-3589 Apr 26 j 22:18	0°♎		inferior conj	-3587 Oct 12 j 10:21	22°♓13'49	-5°16'14
max. Earth dist.	-3589 May 16 j 10:10	23°♎56'30	1.73473 AU	minimum elong	-3587 Oct 12 j 20:27	21°♓58'30	5°13'32
asc. node	-3589 May 19 j 10:17	27°♎38'26		min. Earth dist.	-3587 Oct 12 j 13:45	22°♓08'40	0.26400 AU
				morning rise	-3587 Oct 18 j 03:51	18°♓53'07	
superior conj	-3589 May 19 j 14:03	27°♎50'03	0°00'22	direct	-3587 Nov 01 j 16:56	14°♓38'57	
minimum elong	-3589 May 19 j 13:56	27°♎49'43	0°00'26	asc. node	-3587 Nov 03 j 04:37	14°♓41'40	
behind sun begin	-3589 May 18 j 15:58	26°♎42'05		greatest brilliancy	-3587 Nov 12 j 00:05	16°♓41'10	-4.9m
behind sun end	-3589 May 20 j 11:54	28°♎57'21			-3587 Dec 03 j 01:07	0°♈	
	-3589 May 21 j 08:15	0°♏		morning max el	-3587 Dec 22 j 03:36	17°♈43'18	46°39'07
	-3589 Jun 14 j 15:16	0°♐			-3586 Jan 02 j 23:32	0°♉	
evening rise	-3589 Jun 24 j 05:09	11°♐52'00			-3586 Jan 30 j 02:13	0°♊	
	-3589 Jul 08 j 19:50	0°♑		desc. node	-3586 Feb 23 j 01:00	27°♊36'11	
	-3589 Aug 01 j 23:16	0°♒			-3586 Feb 25 j 02:19	0°♍	
	-3589 Aug 26 j 03:31	0°♓			-3586 Mar 22 j 14:03	0°♍	
desc. node	-3589 Sep 08 j 04:38	16°♓08'01			-3586 Apr 16 j 17:36	0°♋	
	-3589 Sep 19 j 10:37	0°♈			-3586 May 11 j 14:14	0°♎	
	-3589 Oct 13 j 23:02	0°♉			-3586 Jun 05 j 04:09	0°♏	
	-3589 Nov 07 j 21:31	0°♊		asc. node	-3586 Jun 15 j 22:25	13°♏14'35	
	-3589 Dec 03 j 18:04	0°♍		morning set	-3586 Jun 19 j 13:23	17°♏42'59	
evening max el	-3589 Dec 27 j 10:40	25°♍24'49	46°20'03		-3586 Jun 29 j 11:32	0°♐	
asc. node	-3589 Dec 30 j 01:50	28°♍01'54		max. Earth dist.	-3586 Jul 22 j 05:23	28°♐20'05	1.71925 AU
	-3588 Jan 01 j 02:11	0°♍			-3586 Jul 23 j 13:20	0°♑	
greatest brilliancy	-3588 Feb 04 j 13:27	25°♍23'13	-4.8m				
retrograde	-3588 Feb 15 j 08:40	27°♍33'41		superior conj	-3586 Jul 26 j 07:08	3°♑25'49	1°16'12
evening set	-3588 Mar 03 j 22:10	21°♍36'42		minimum elong	-3586 Jul 26 j 00:03	3°♑03'40	1°16'12
inferior conj	-3588 Mar 07 j 19:00	19°♍11'03	7°41'11		-3586 Aug 16 j 11:29	0°♒	
minimum elong	-3588 Mar 08 j 01:14	19°♍01'06	7°40'27	evening rise	-3586 Sep 02 j 10:40	21°♒19'05	
min. Earth dist.	-3588 Mar 07 j 22:05	19°♍06'09	0.29263 AU		-3586 Sep 09 j 08:28	0°♓	
morning rise	-3588 Mar 12 j 04:23	16°♍26'18			-3586 Oct 03 j 06:27	0°♈	
direct	-3588 Mar 29 j 09:05	10°♍46'15		desc. node	-3586 Oct 05 j 17:00	3°♈03'18	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3586 Oct 27 j 06:55	0°♌			-3583 Apr 02 j 18:33	0°♊		
	-3586 Nov 20 j 11:16	0°♈			-3583 Apr 29 j 14:26	0°♈		
	-3586 Dec 14 j 22:12	0°♏			-3583 May 25 j 09:24	0°♍		
	-3585 Jan 08 j 21:28	0°♋			-3583 Jun 19 j 12:04	0°♊		
asc. node	-3585 Jan 26 j 13:31	20°♋35'04		asc. node	-3583 Jul 13 j 10:20	29°♈11'34		
	-3585 Feb 03 j 20:54	0°♈			-3583 Jul 14 j 02:04	0°♊		
	-3585 Mar 04 j 02:11	0°♍			-3583 Aug 07 j 06:12	0°♎		
evening max el	-3585 Mar 08 j 10:43	4°♍14'37	45°12'58	morning set	-3583 Aug 29 j 00:15	27°♎17'49		
	-3585 Apr 11 j 09:06	0°♊			-3583 Aug 31 j 03:44	0°♏		
greatest brilliancy	-3585 Apr 14 j 22:32	1°♊28'09	-4.7m		-3583 Sep 23 j 22:16	0°♎		
retrograde	-3585 Apr 25 j 15:26	3°♊29'58						
	-3585 May 09 j 03:10	30°♎♍		superior conj	-3583 Oct 07 j 20:41	17°♎35'31	0°54'43	
evening set	-3585 May 10 j 15:40	29°♍12'36		minimum elong	-3583 Oct 08 j 07:55	18°♎10'57	0°54'19	
inferior conj	-3585 May 17 j 00:51	25°♍25'39	0°18'55	max. Earth dist.	-3583 Oct 09 j 20:03	20°♎04'55	1.70881 AU	
minimum elong	-3585 May 17 j 01:33	25°♍24'34	0°18'46		-3583 Oct 17 j 16:53	0°♏		
min. Earth dist.	-3585 May 17 j 14:57	25°♍03'47	0.28806 AU	desc. node	-3583 Nov 02 j 05:17	19°♏31'34		
desc. node	-3585 May 18 j 09:28	24°♍35'07			-3583 Nov 10 j 13:31	0°♌		
morning rise	-3585 May 23 j 10:55	21°♍36'16		evening rise	-3583 Nov 19 j 07:43	10°♌58'22		
direct	-3585 Jun 07 j 19:28	17°♍08'01			-3583 Dec 04 j 13:08	0°♈		
greatest brilliancy	-3585 Jun 18 j 18:49	19°♍17'39	-4.8m		-3583 Dec 28 j 16:29	0°♏		
	-3585 Jul 06 j 22:29	0°♊			-3582 Jan 22 j 01:08	0°♋		
morning max el	-3585 Jul 27 j 08:20	18°♊01'25	46°17'20		-3582 Feb 15 j 18:03	0°♈		
	-3585 Aug 08 j 02:19	0°♊		asc. node	-3582 Feb 23 j 01:45	8°♈46'43		
	-3585 Sep 04 j 00:37	0°♎			-3582 Mar 12 j 23:56	0°♍		
asc. node	-3585 Sep 08 j 07:55	5°♎01'19			-3582 Apr 08 j 02:45	0°♊		
	-3585 Sep 29 j 05:24	0°♏			-3582 May 05 j 21:14	0°♊		
	-3585 Oct 23 j 15:41	0°♎		evening max el	-3582 May 18 j 13:50	12°♊36'05	45°29'56	
	-3585 Nov 16 j 18:55	0°♏			-3582 Jun 07 j 17:59	0°♎		
	-3585 Dec 10 j 21:19	0°♌		desc. node	-3582 Jun 14 j 21:03	4°♎54'06		
desc. node	-3585 Dec 29 j 03:24	22°♌39'47		greatest brilliancy	-3582 Jun 26 j 19:22	10°♎45'53	-4.8m	
	-3584 Jan 04 j 01:33	0°♈		retrograde	-3582 Jul 06 j 11:53	12°♎27'46		
	-3584 Jan 28 j 08:04	0°♏		evening set	-3582 Jul 23 j 10:08	7°♎08'27		
morning set	-3584 Jan 31 j 21:19	4°♏22'53		inferior conj	-3582 Jul 27 j 13:15	4°♎41'34	-8°07'43	
	-3584 Feb 21 j 16:23	0°♋		minimum elong	-3582 Jul 27 j 05:25	4°♎53'27	8°06'39	
				min. Earth dist.	-3582 Jul 27 j 21:46	4°♎28'41	0.27632 AU	
superior conj	-3584 Mar 10 j 02:43	21°♋26'05	-1°16'13	morning rise	-3582 Jul 31 j 00:23	2°♎36'54		
minimum elong	-3584 Mar 10 j 09:39	21°♋47'24	1°16'11		-3582 Aug 04 j 20:24	30°♎♊		
max. Earth dist.	-3584 Mar 11 j 04:07	22°♋44'09	1.73520 AU	direct	-3582 Aug 17 j 14:23	26°♊46'44		
	-3584 Mar 17 j 02:01	0°♈		greatest brilliancy	-3582 Aug 28 j 15:07	29°♊01'16	-4.9m	
	-3584 Apr 10 j 12:38	0°♍			-3582 Aug 30 j 22:46	0°♎		
evening rise	-3584 Apr 15 j 18:49	6°♍26'56		asc. node	-3582 Oct 05 j 19:21	28°♎24'34		
asc. node	-3584 Apr 20 j 00:10	11°♍37'37			-3582 Oct 07 j 08:56	0°♏		
	-3584 May 05 j 00:02	0°♊		morning max el	-3582 Oct 07 j 06:10	29°♎52'55	46°50'31	
	-3584 May 29 j 12:16	0°♊			-3582 Nov 03 j 18:32	0°♎		
	-3584 Jun 23 j 02:07	0°♎			-3582 Nov 29 j 06:52	0°♏		
	-3584 Jul 17 j 19:23	0°♏			-3582 Dec 24 j 04:35	0°♌		
desc. node	-3584 Aug 09 j 18:33	27°♏34'44			-3581 Jan 17 j 22:05	0°♈		
	-3584 Aug 11 j 19:19	0°♎		desc. node	-3581 Jan 25 j 15:18	9°♈22'30		
	-3584 Sep 06 j 08:01	0°♏			-3581 Feb 11 j 14:34	0°♏		
	-3584 Oct 03 j 00:55	0°♌			-3581 Mar 08 j 06:19	0°♋		
evening max el	-3584 Oct 14 j 06:29	11°♌49'21	47°32'06		-3581 Apr 01 j 20:47	0°♈		
	-3584 Nov 02 j 13:58	0°♈		morning set	-3581 Apr 11 j 11:15	11°♈44'04		
greatest brilliancy	-3584 Nov 23 j 18:40	13°♈41'36	-4.9m		-3581 Apr 26 j 09:16	0°♍		
asc. node	-3584 Nov 30 j 16:13	15°♈34'24		max. Earth dist.	-3581 May 14 j 09:38	22°♍07'21	1.73506 AU	
retrograde	-3584 Dec 04 j 09:18	15°♈51'06						
evening set	-3584 Dec 19 j 17:50	11°♈05'05		superior conj	-3581 May 17 j 08:57	25°♍46'45	-0°02'43	
min. Earth dist.	-3584 Dec 24 j 03:57	8°♈23'09	0.27523 AU	minimum elong	-3581 May 17 j 09:28	25°♍48'22	0°02'38	
inferior conj	-3584 Dec 25 j 06:36	7°♈40'57	5°36'24	behind sun begin	-3581 May 16 j 11:38	24°♍41'10		
minimum elong	-3584 Dec 24 j 21:17	7°♈55'42	5°34'09	behind sun end	-3581 May 18 j 07:18	26°♍55'34		
morning rise	-3584 Dec 30 j 01:32	4°♈44'30		asc. node	-3581 May 18 j 12:22	27°♍11'08		
	-3583 Jan 11 j 15:17	30°♎♌			-3581 May 20 j 19:12	0°♊		
direct	-3583 Jan 14 j 22:47	29°♌46'42			-3581 Jun 14 j 02:20	0°♊		
	-3583 Jan 18 j 07:38	0°♈		evening rise	-3581 Jun 21 j 23:54	9°♊46'58		
greatest brilliancy	-3583 Jan 23 j 16:58	1°♈13'06	-4.8m		-3581 Jul 08 j 07:05	0°♎		
	-3583 Mar 04 j 17:00	0°♏			-3581 Aug 01 j 10:48	0°♏		
morning max el	-3583 Mar 04 j 23:12	0°♏14'52	46°01'21		-3581 Aug 25 j 15:24	0°♎		
desc. node	-3583 Mar 22 j 12:40	17°♏58'23		desc. node	-3581 Sep 07 j 06:50	15°♎37'24		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3581 Sep 18 j 22:58	0°♌			-3578 May 11 j 01:24	0°♑		
	-3581 Oct 13 j 12:02	0°♍			-3578 Jun 04 j 15:07	0°♉		
	-3581 Nov 07 j 11:37	0°♎		asc. node	-3578 Jun 15 j 00:28	12°♉47'18		
	-3581 Dec 03 j 10:31	0°♏		morning set	-3578 Jun 17 j 07:23	15°♉36'42		
evening max el	-3581 Dec 25 j 02:39	23°♏10'26	46°23'08		-3578 Jun 28 j 22:25	0°♊		
asc. node	-3581 Dec 29 j 03:50	27°♏11'05		max. Earth dist.	-3578 Jul 19 j 17:25	25°♊53'42	1.71987 AU	
	-3580 Jan 01 j 02:04	0°♋			-3578 Jul 23 j 00:14	0°♋		
greatest brilliancy	-3580 Feb 02 j 05:42	23°♋13'02	-4.8m					
retrograde	-3580 Feb 13 j 02:23	25°♋24'53		superior conj	-3578 Jul 23 j 23:31	1°♋12'46	1°14'44	
evening set	-3580 Mar 01 j 16:50	19°♋24'51		minimum elong	-3578 Jul 23 j 16:02	0°♋49'24	1°14'43	
inferior conj	-3580 Mar 05 j 11:59	17°♋01'45	7°48'02		-3578 Aug 15 j 22:30	0°♌		
minimum elong	-3580 Mar 05 j 17:42	16°♋52'37	7°47'25	evening rise	-3578 Aug 30 j 23:04	18°♌52'20		
min. Earth dist.	-3580 Mar 05 j 13:34	16°♋59'13	0.29247 AU		-3578 Sep 08 j 19:39	0°♍		
morning rise	-3580 Mar 09 j 18:42	14°♋21'11			-3578 Oct 02 j 17:50	0°♎		
direct	-3580 Mar 27 j 01:46	8°♋37'17		desc. node	-3578 Oct 04 j 19:04	2°♎34'04		
greatest brilliancy	-3580 Apr 05 j 21:12	10°♋21'50	-4.7m		-3578 Oct 26 j 18:31	0°♏		
desc. node	-3580 Apr 18 j 23:58	17°♋00'32			-3578 Nov 19 j 23:09	0°♐		
	-3580 May 05 j 18:19	0°♑			-3578 Dec 14 j 10:31	0°♑		
morning max el	-3580 May 14 j 22:36	8°♑24'29	45°49'16		-3577 Jan 08 j 10:39	0°♒		
	-3580 Jun 05 j 04:49	0°♑		asc. node	-3577 Jan 25 j 15:47	20°♒00'39		
	-3580 Jul 02 j 04:45	0°♒			-3577 Feb 03 j 12:02	0°♓		
	-3580 Jul 27 j 17:35	0°♊			-3577 Mar 03 j 23:05	0°♑		
asc. node	-3580 Aug 09 j 22:19	15°♊56'56		evening max el	-3577 Mar 06 j 02:03	2°♑03'19	45°13'59	
	-3580 Aug 21 j 09:36	0°♋		greatest brilliancy	-3577 Apr 12 j 15:01	29°♑20'38	-4.7m	
	-3580 Sep 14 j 12:50	0°♌			-3577 Apr 14 j 14:11	0°♉		
	-3580 Oct 08 j 09:35	0°♍		retrograde	-3577 Apr 23 j 06:53	1°♉21'58		
	-3580 Nov 01 j 04:51	0°♎			-3577 May 01 j 15:55	30°♑0'		
morning set	-3580 Nov 12 j 23:52	14°♎50'06		evening set	-3577 May 08 j 08:53	27°♑02'58		
	-3580 Nov 25 j 01:45	0°♏		inferior conj	-3577 May 14 j 17:08	23°♑17'07	0°38'25	
desc. node	-3580 Nov 29 j 17:22	5°♏49'44		minimum elong	-3577 May 14 j 18:32	23°♑14'56	0°38'04	
	-3580 Dec 19 j 01:30	0°♐		min. Earth dist.	-3577 May 15 j 07:50	22°♑54'15	0.28842 AU	
				desc. node	-3577 May 17 j 11:29	21°♑34'37		
superior conj	-3580 Dec 25 j 03:49	7°♐36'02	-0°54'31	morning rise	-3577 May 21 j 03:37	19°♑26'32		
minimum elong	-3580 Dec 24 j 16:41	7°♐01'21	0°54'14	direct	-3577 Jun 05 j 11:38	14°♑58'48		
max. Earth dist.	-3580 Dec 29 j 13:21	13°♐04'34	1.72044 AU	greatest brilliancy	-3577 Jun 16 j 11:15	17°♑08'03	-4.7m	
	-3579 Jan 12 j 04:14	0°♑			-3577 Jul 07 j 09:37	0°♒		
evening rise	-3579 Feb 03 j 04:59	27°♑16'11		morning max el	-3577 Jul 24 j 22:53	15°♒45'20	46°15'58	
	-3579 Feb 05 j 10:05	0°♒			-3577 Aug 07 j 20:40	0°♊		
greatest brilliancy	-3579 Feb 12 j 15:21	8°♒53'50	-3.9m		-3577 Sep 03 j 15:12	0°♋		
	-3579 Mar 01 j 19:40	0°♓		asc. node	-3577 Sep 07 j 10:05	4°♋25'49		
asc. node	-3579 Mar 22 j 14:01	25°♓20'26			-3577 Sep 28 j 18:28	0°♌		
	-3579 Mar 26 j 10:03	0°♑			-3577 Oct 23 j 03:58	0°♍		
	-3579 Apr 20 j 06:34	0°♉			-3577 Nov 16 j 06:45	0°♎		
	-3579 May 15 j 11:13	0°♊			-3577 Dec 10 j 08:49	0°♏		
	-3579 Jun 10 j 04:15	0°♋		desc. node	-3577 Dec 28 j 05:29	22°♏11'09		
	-3579 Jul 06 j 20:22	0°♌			-3576 Jan 03 j 12:48	0°♐		
desc. node	-3579 Jul 12 j 08:41	5°♌58'20			-3576 Jan 27 j 19:06	0°♑		
evening max el	-3579 Jul 31 j 04:34	25°♌25'52	46°54'48	morning set	-3576 Jan 29 j 10:48	2°♑02'31		
	-3579 Aug 04 j 22:04	0°♍			-3576 Feb 21 j 03:14	0°♎		
greatest brilliancy	-3579 Sep 10 j 05:06	25°♍49'23	-4.9m					
retrograde	-3579 Sep 19 j 09:42	27°♍24'32		superior conj	-3576 Mar 07 j 19:45	19°♍17'53	-1°17'31	
evening set	-3579 Oct 05 j 04:11	22°♍32'36		minimum elong	-3576 Mar 08 j 02:15	19°♍37'50	1°17'29	
inferior conj	-3579 Oct 09 j 22:17	19°♍43'24	-5°35'55	max. Earth dist.	-3576 Mar 08 j 23:54	20°♍44'22	1.73485 AU	
minimum elong	-3579 Oct 10 j 08:41	19°♍27'36	5°33'14		-3576 Mar 16 j 12:46	0°♓		
min. Earth dist.	-3579 Oct 10 j 02:27	19°♍37'03	0.26415 AU		-3576 Apr 09 j 23:22	0°♑		
morning rise	-3579 Oct 15 j 13:10	16°♍26'15		evening rise	-3576 Apr 13 j 13:39	4°♑24'29		
direct	-3579 Oct 30 j 05:44	12°♍08'39		asc. node	-3576 Apr 19 j 02:13	11°♑10'50		
asc. node	-3579 Nov 02 j 06:43	12°♍19'54			-3576 May 04 j 10:55	0°♒		
greatest brilliancy	-3579 Nov 09 j 12:53	14°♍11'00	-4.9m		-3576 May 28 j 23:28	0°♊		
	-3579 Dec 03 j 12:11	0°♎			-3576 Jun 22 j 13:49	0°♋		
morning max el	-3579 Dec 19 j 17:16	15°♎18'30	46°40'18		-3576 Jul 17 j 07:48	0°♌		
	-3578 Jan 02 j 18:49	0°♏		desc. node	-3576 Aug 08 j 20:43	27°♌01'20		
	-3578 Jan 29 j 17:20	0°♐			-3576 Aug 11 j 08:50	0°♍		
desc. node	-3578 Feb 22 j 03:15	27°♐03'53			-3576 Sep 05 j 23:24	0°♎		
	-3578 Feb 24 j 15:32	0°♑			-3576 Oct 02 j 20:22	0°♏		
	-3578 Mar 22 j 02:12	0°♒		evening max el	-3576 Oct 11 j 20:19	9°♏24'53	47°32'53	
	-3578 Apr 16 j 05:08	0°♓			-3576 Nov 03 j 02:21	0°♑		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

greatest brilliancy	-3576 Nov 21 j 11:03	11°♊20'44	-4.9m			-3573 Apr 25 j 19:59	0°♑	
asc. node	-3576 Nov 29 j 18:18	13°♊22'43		max. Earth dist.		-3573 May 12 j 08:58	20°♑18'36	1.73532 AU
retrograde	-3576 Dec 01 j 23:41	13°♊28'47						
evening set	-3576 Dec 17 j 05:56	8°♊46'50		superior conj		-3573 May 15 j 03:54	23°♑44'29	-0°05'46
min. Earth dist.	-3576 Dec 21 j 18:57	6°♊01'10	0.27448 AU	minimum elong		-3573 May 15 j 05:01	23°♑47'55	0°05'40
inferior conj	-3576 Dec 22 j 21:03	5°♊19'52	5°20'05	behind sun begin		-3573 May 14 j 08:13	22°♑43'54	
minimum elong	-3576 Dec 22 j 11:52	5°♊34'24	5°17'45	behind sun end		-3573 May 16 j 01:49	24°♑51'56	
morning rise	-3576 Dec 27 j 18:33	2°♊19'47		asc. node		-3573 May 17 j 14:28	26°♑44'43	
	-3575 Jan 01 j 06:45	30°♋♌				-3573 May 20 j 05:53	0°♋	
direct	-3575 Jan 12 j 11:46	27°♌26'39				-3573 Jun 13 j 13:05	0°♌	
greatest brilliancy	-3575 Jan 21 j 07:53	28°♌54'22	-4.8m	evening rise		-3573 Jun 19 j 18:48	7°♌43'25	
	-3575 Jan 24 j 07:52	0°♌				-3573 Jul 07 j 18:01	0°♍	
morning max el	-3575 Mar 02 j 12:59	27°♌57'14	46°02'35			-3573 Jul 31 j 22:01	0°♎	
	-3575 Mar 04 j 15:40	0°♍				-3573 Aug 25 j 03:01	0°♏	
desc. node	-3575 Mar 21 j 14:41	17°♍17'07		desc. node		-3573 Sep 06 j 08:53	15°♏07'05	
	-3575 Apr 02 j 10:24	0°♎				-3573 Sep 18 j 11:06	0°♐	
	-3575 Apr 29 j 03:47	0°♏				-3573 Oct 13 j 00:55	0°♑	
	-3575 May 24 j 21:31	0°♑				-3573 Nov 07 j 01:42	0°♒	
	-3575 Jun 18 j 23:31	0°♒				-3573 Dec 03 j 03:07	0°♓	
asc. node	-3575 Jul 12 j 12:35	28°♓44'14		evening max el		-3573 Dec 22 j 19:06	20°♓57'23	46°26'18
	-3575 Jul 13 j 13:11	0°♓		asc. node		-3573 Dec 28 j 06:07	26°♓20'20	
	-3575 Aug 06 j 17:12	0°♐				-3572 Jan 01 j 02:58	0°♐	
morning set	-3575 Aug 26 j 13:39	24°♐54'17		greatest brilliancy		-3572 Jan 30 j 22:03	21°♐03'05	-4.8m
	-3575 Aug 30 j 14:44	0°♑		retrograde		-3572 Feb 10 j 19:52	23°♐15'47	
	-3575 Sep 23 j 09:17	0°♒		evening set		-3572 Feb 28 j 11:12	17°♐13'10	
				inferior conj		-3572 Mar 03 j 04:45	14°♐52'18	7°54'24
superior conj	-3575 Oct 05 j 06:42	15°♑00'53	0°57'38	minimum elong		-3572 Mar 03 j 09:56	14°♐44'02	7°53'52
minimum elong	-3575 Oct 05 j 18:01	15°♑36'36	0°57'17	min. Earth dist.		-3572 Mar 03 j 04:42	14°♐52'22	0.29224 AU
max. Earth dist.	-3575 Oct 06 j 23:30	17°♑09'38	1.70879 AU	morning rise		-3572 Mar 07 j 08:49	12°♐15'45	
	-3575 Oct 17 j 03:56	0°♑		direct		-3572 Mar 24 j 18:35	6°♐28'25	
desc. node	-3575 Nov 01 j 07:17	19°♑03'03		greatest brilliancy		-3572 Apr 03 j 11:19	8°♐11'09	-4.7m
	-3575 Nov 10 j 00:36	0°♒		desc. node		-3572 Apr 18 j 02:04	15°♐48'01	
evening rise	-3575 Nov 16 j 16:29	8°♒20'52				-3572 May 05 j 20:33	0°♒	
	-3575 Dec 04 j 00:17	0°♒		morning max el		-3572 May 12 j 15:31	6°♒17'30	45°48'57
	-3575 Dec 28 j 03:43	0°♓				-3572 Jun 04 j 21:23	0°♓	
	-3574 Jan 21 j 12:34	0°♓				-3572 Jul 01 j 18:26	0°♔	
	-3574 Feb 15 j 05:55	0°♔				-3572 Jul 27 j 05:58	0°♕	
asc. node	-3574 Feb 22 j 03:53	8°♔17'03		asc. node		-3572 Aug 09 j 00:27	15°♕26'55	
	-3574 Mar 12 j 12:41	0°♑				-3572 Aug 20 j 21:20	0°♍	
	-3574 Apr 07 j 17:21	0°♒				-3572 Sep 14 j 00:13	0°♎	
	-3574 May 05 j 16:25	0°♓				-3572 Oct 07 j 20:49	0°♏	
evening max el	-3574 May 16 j 04:15	10°♓21'01	45°28'01			-3572 Oct 31 j 16:01	0°♐	
	-3574 Jun 08 j 11:57	0°♑		morning set		-3572 Nov 10 j 09:39	12°♐15'01	
desc. node	-3574 Jun 13 j 23:10	3°♑32'00				-3572 Nov 24 j 12:52	0°♑	
greatest brilliancy	-3574 Jun 24 j 06:25	8°♑25'06	-4.8m	desc. node		-3572 Nov 28 j 19:30	5°♑21'40	
retrograde	-3574 Jul 04 j 01:36	10°♑09'05				-3572 Dec 18 j 12:33	0°♒	
evening set	-3574 Jul 20 j 19:44	4°♑54'37						
inferior conj	-3574 Jul 25 j 02:53	2°♑22'03	-7°58'00	superior conj		-3572 Dec 22 j 14:12	5°♒04'27	-0°51'33
minimum elong	-3574 Jul 24 j 18:28	2°♑34'46	7°56'45	minimum elong		-3572 Dec 22 j 03:14	4°♒30'16	0°51'14
min. Earth dist.	-3574 Jul 25 j 10:53	2°♑09'57	0.27681 AU	max. Earth dist.		-3572 Dec 27 j 03:10	10°♒43'51	1.71988 AU
morning rise	-3574 Jul 28 j 16:56	0°♑13'17				-3571 Jan 11 j 15:12	0°♓	
	-3574 Jul 29 j 02:05	30°♋♌		evening rise		-3571 Jan 31 j 18:50	24°♓57'01	
direct	-3574 Aug 15 j 05:12	24°♌26'17				-3571 Feb 04 j 21:01	0°♎	
greatest brilliancy	-3574 Aug 26 j 05:39	26°♌41'01	-4.9m	greatest brilliancy		-3571 Feb 11 j 12:17	8°♎10'41	-3.9m
	-3574 Sep 02 j 02:19	0°♍				-3571 Mar 01 j 06:42	0°♏	
asc. node	-3574 Oct 04 j 21:26	27°♍32'31		asc. node		-3571 Mar 21 j 16:02	24°♏52'26	
morning max el	-3574 Oct 04 j 21:04	27°♍31'34	46°49'52			-3571 Mar 25 j 21:21	0°♑	
	-3574 Oct 07 j 06:49	0°♎				-3571 Apr 19 j 18:22	0°♒	
	-3574 Nov 03 j 10:39	0°♏				-3571 May 14 j 23:55	0°♓	
	-3574 Nov 28 j 20:46	0°♐				-3571 Jun 09 j 18:30	0°♑	
	-3574 Dec 23 j 17:19	0°♑				-3571 Jul 06 j 13:47	0°♒	
	-3573 Jan 17 j 10:05	0°♒		desc. node		-3571 Jul 11 j 10:56	5°♒15'06	
desc. node	-3573 Jan 24 j 17:33	8°♒53'27		evening max el		-3571 Jul 28 j 18:15	23°♒03'15	46°51'53
	-3573 Feb 11 j 02:03	0°♓				-3571 Aug 05 j 00:47	0°♑	
	-3573 Mar 07 j 17:25	0°♎		greatest brilliancy		-3571 Sep 07 j 17:52	23°♑20'53	-4.9m
	-3573 Apr 01 j 07:38	0°♏		retrograde		-3571 Sep 16 j 21:26	24°♑54'43	
morning set	-3573 Apr 09 j 05:39	9°♏40'35		evening set		-3571 Oct 02 j 19:33	19°♑58'55	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

inferior conj	-3571 Oct 07 j 10:21	17° \cap 14'13	-5°54'50			-3568 Apr 09 j 10:17	0° Υ	
minimum elong	-3571 Oct 07 j 20:58	16° \cap 58'04	5°52'11		evening rise	-3568 Apr 11 j 08:13	2° Υ 20'47	
min. Earth dist.	-3571 Oct 07 j 15:30	17° \cap 06'23	0.26432 AU		asc. node	-3568 Apr 18 j 04:20	10° Υ 43'41	
morning rise	-3571 Oct 12 j 22:21	14° \cap 00'44				-3568 May 03 j 21:59	0° \mathcal{B}	
direct	-3571 Oct 27 j 18:16	9° \cap 39'30				-3568 May 28 j 10:52	0° Π	
asc. node	-3571 Nov 01 j 08:51	10° \cap 04'57				-3568 Jun 22 j 01:44	0° \mathcal{C}	
greatest brilliancy	-3571 Nov 07 j 02:14	11° \cap 42'16	-4.9m			-3568 Jul 16 j 20:30	0° Ω	
	-3571 Dec 03 j 20:07	0° $\underline{\Omega}$			desc. node	-3568 Aug 07 j 22:43	26° Ω 26'36	
morning max el	-3571 Dec 17 j 05:57	12° $\underline{\Omega}$ 51'16	46°41'14			-3568 Aug 10 j 22:41	0° \cap	
	-3570 Jan 02 j 13:30	0° \cap				-3568 Sep 05 j 15:13	0° $\underline{\Omega}$	
	-3570 Jan 29 j 08:16	0° \mathcal{A}				-3568 Oct 02 j 16:37	0° \cap	
desc. node	-3570 Feb 21 j 05:14	26° \mathcal{A} 30'51			evening max el	-3568 Oct 09 j 10:26	7° \cap 00'34	47°33'40
	-3570 Feb 24 j 04:41	0° \mathcal{B}				-3568 Nov 03 j 19:07	0° \mathcal{A}	
	-3570 Mar 21 j 14:20	0° \approx			greatest brilliancy	-3568 Nov 19 j 02:57	8° \mathcal{A} 58'44	-4.9m
	-3570 Apr 15 j 16:39	0° \mathcal{H}			asc. node	-3568 Nov 28 j 20:30	11° \mathcal{A} 05'31	
	-3570 May 10 j 12:32	0° Υ			retrograde	-3568 Nov 29 j 14:25	11° \mathcal{A} 06'12	
	-3570 Jun 04 j 02:03	0° \mathcal{B}			evening set	-3568 Dec 14 j 18:11	6° \mathcal{A} 27'47	
asc. node	-3570 Jun 14 j 02:39	12° \mathcal{B} 20'23			min. Earth dist.	-3568 Dec 19 j 09:44	3° \mathcal{A} 39'03	0.27371 AU
morning set	-3570 Jun 15 j 01:13	13° \mathcal{B} 29'59			inferior conj	-3568 Dec 20 j 11:30	2° \mathcal{A} 58'24	5°03'04
	-3570 Jun 28 j 09:18	0° Π			minimum elong	-3568 Dec 20 j 02:31	3° \mathcal{A} 12'34	5°00'43
max. Earth dist.	-3570 Jul 17 j 06:57	23° Π 32'00	1.72050 AU		morning rise	-3568 Dec 25 j 11:34	29° \cap 54'58	
						-3568 Dec 25 j 08:04	30° \cap	
superior conj	-3570 Jul 21 j 16:00	29° Π 00'06	1°13'10		direct	-3567 Jan 10 j 00:56	25° \cap 06'07	
minimum elong	-3570 Jul 21 j 08:10	28° Π 35'39	1°13'07		greatest brilliancy	-3567 Jan 18 j 22:33	26° \cap 35'12	-4.8m
	-3570 Jul 22 j 11:10	0° \mathcal{C}				-3567 Jan 26 j 19:19	0° \mathcal{A}	
	-3570 Aug 15 j 09:32	0° Ω			morning max el	-3567 Feb 28 j 03:39	25° \mathcal{A} 41'23	46°03'45
evening rise	-3570 Aug 28 j 11:54	16° Ω 26'56				-3567 Mar 04 j 13:32	0° \mathcal{B}	
	-3570 Sep 08 j 06:50	0° \cap			desc. node	-3567 Mar 20 j 16:47	16° \mathcal{B} 36'14	
	-3570 Oct 02 j 05:11	0° $\underline{\Omega}$				-3567 Apr 02 j 02:09	0° \approx	
desc. node	-3570 Oct 03 j 21:07	2° $\underline{\Omega}$ 04'54				-3567 Apr 28 j 17:14	0° \mathcal{H}	
	-3570 Oct 26 j 06:04	0° \cap				-3567 May 24 j 09:49	0° Υ	
	-3570 Nov 19 j 10:59	0° \mathcal{A}				-3567 Jun 18 j 11:12	0° \mathcal{B}	
	-3570 Dec 13 j 22:52	0° \mathcal{B}			asc. node	-3567 Jul 11 j 14:40	28° \mathcal{B} 15'38	
	-3569 Jan 07 j 23:58	0° \approx				-3567 Jul 13 j 00:33	0° Π	
asc. node	-3569 Jan 24 j 17:52	19° \approx 25'20				-3567 Aug 06 j 04:26	0° \mathcal{C}	
	-3569 Feb 03 j 03:30	0° \mathcal{H}			morning set	-3567 Aug 24 j 03:09	22° \mathcal{C} 30'30	
evening max el	-3569 Mar 03 j 16:37	29° \mathcal{H} 49'39	45°15'09			-3567 Aug 30 j 01:57	0° Ω	
	-3569 Mar 03 j 20:56	0° Υ				-3567 Sep 22 j 20:32	0° \cap	
greatest brilliancy	-3569 Apr 10 j 07:17	27° Υ 12'20	-4.7m					
retrograde	-3569 Apr 20 j 22:29	29° Υ 13'43			superior conj	-3567 Oct 02 j 16:50	12° \cap 25'47	1°00'26
evening set	-3569 May 06 j 02:10	24° Υ 52'32			minimum elong	-3567 Oct 03 j 04:08	13° \cap 01'27	1°00'06
inferior conj	-3569 May 12 j 09:24	21° Υ 08'10	0°57'51		max. Earth dist.	-3567 Oct 04 j 05:19	14° \cap 20'56	1.70882 AU
minimum elong	-3569 May 12 j 11:30	21° Υ 04'54	0°57'18			-3567 Oct 16 j 15:14	0° $\underline{\Omega}$	
min. Earth dist.	-3569 May 13 j 00:45	20° Υ 44'17	0.28878 AU		desc. node	-3567 Oct 31 j 09:27	18° $\underline{\Omega}$ 34'10	
desc. node	-3569 May 16 j 13:37	18° Υ 34'37				-3567 Nov 09 j 11:58	0° \cap	
morning rise	-3569 May 18 j 20:10	17° Υ 16'46			evening rise	-3567 Nov 14 j 01:18	5° \cap 42'37	
direct	-3569 Jun 03 j 03:33	12° Υ 49'00				-3567 Dec 03 j 11:41	0° \mathcal{A}	
greatest brilliancy	-3569 Jun 14 j 04:06	14° Υ 58'39	-4.7m			-3567 Dec 27 j 15:11	0° \mathcal{B}	
	-3569 Jul 07 j 18:00	0° \mathcal{B}				-3566 Jan 21 j 00:13	0° \approx	
morning max el	-3569 Jul 22 j 13:41	13° \mathcal{B} 29'37	46°14'38			-3566 Feb 14 j 17:59	0° \mathcal{H}	
	-3569 Aug 07 j 14:42	0° Π			asc. node	-3566 Feb 21 j 05:54	7° \mathcal{H} 46'25	
	-3569 Sep 03 j 05:46	0° \mathcal{C}				-3566 Mar 12 j 01:43	0° Υ	
asc. node	-3569 Sep 06 j 12:03	3° \mathcal{C} 49'38				-3566 Apr 07 j 08:23	0° \mathcal{B}	
	-3569 Sep 28 j 07:34	0° Ω				-3566 May 05 j 12:32	0° Π	
	-3569 Oct 22 j 16:19	0° \cap			evening max el	-3566 May 13 j 19:31	8° Π 07'15	45°26'02
	-3569 Nov 15 j 18:37	0° $\underline{\Omega}$				-3566 Jun 09 j 12:51	0° \mathcal{C}	
	-3569 Dec 09 j 20:21	0° \cap			desc. node	-3566 Jun 13 j 01:22	2° \mathcal{C} 06'21	
desc. node	-3569 Dec 27 j 07:40	21° \cap 42'43			greatest brilliancy	-3566 Jun 21 j 17:42	6° \mathcal{C} 03'57	-4.8m
	-3568 Jan 03 j 00:05	0° \mathcal{A}			retrograde	-3566 Jul 01 j 15:30	7° \mathcal{C} 49'38	
morning set	-3568 Jan 27 j 00:16	29° \mathcal{A} 41'43			evening set	-3566 Jul 18 j 05:29	2° \mathcal{C} 40'19	
	-3568 Jan 27 j 06:11	0° \mathcal{B}			inferior conj	-3566 Jul 22 j 16:35	0° \mathcal{C} 01'53	-7°47'27
	-3568 Feb 20 j 14:12	0° \approx			minimum elong	-3566 Jul 22 j 07:42	0° \mathcal{C} 15'19	7°46'03
						-3566 Jul 22 j 17:49	30° \cap	
superior conj	-3568 Mar 05 j 12:40	17° \approx 08'50	-1°18'41		min. Earth dist.	-3566 Jul 22 j 23:56	29° Π 50'45	0.27727 AU
minimum elong	-3568 Mar 05 j 18:40	17° \approx 27'16	1°18'41		morning rise	-3566 Jul 26 j 09:41	27° Π 48'44	
max. Earth dist.	-3568 Mar 06 j 18:06	18° \approx 39'18	1.73454 AU		direct	-3566 Aug 12 j 20:17	22° Π 05'29	
	-3568 Mar 15 j 23:40	0° \mathcal{H}			greatest brilliancy	-3566 Aug 23 j 19:37	24° Π 19'25	-4.9m

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3566 Sep 03 j 12:49	0°☾				-3563 Feb 28 j 18:01	0°☿		
morning max el	-3566 Oct 02 j 11:48	25°☾09'07	46°49'05	asc. node		-3563 Mar 20 j 18:13	24°☿24'11		
asc. node	-3566 Oct 03 j 23:38	26°☾40'49				-3563 Mar 25 j 08:54	0°☿		
	-3566 Oct 07 j 04:14	0°♈				-3563 Apr 19 j 06:25	0°♈		
	-3566 Nov 03 j 02:47	0°♉				-3563 May 14 j 12:50	0°♉		
	-3566 Nov 28 j 10:51	0°♊				-3563 Jun 09 j 09:06	0°♊		
	-3566 Dec 23 j 06:18	0°♋				-3563 Jul 06 j 07:52	0°♋		
	-3565 Jan 16 j 22:21	0°♌		desc. node		-3563 Jul 10 j 12:52	4°♌29'45		
desc. node	-3565 Jan 23 j 19:31	8°♌22'43		evening max el		-3563 Jul 26 j 06:48	20°♌37'02	46°48'38	
	-3565 Feb 10 j 13:46	0°♍				-3563 Aug 05 j 05:34	0°♍		
	-3565 Mar 07 j 04:45	0°♎		greatest brilliancy		-3563 Sep 05 j 06:55	20°♎51'24	-4.9m	
	-3565 Mar 31 j 18:42	0°♏		retrograde		-3563 Sep 14 j 08:31	22°♎23'34		
morning set	-3565 Apr 07 j 00:20	7°♏37'13		evening set		-3563 Sep 30 j 10:50	17°♎23'38		
	-3565 Apr 25 j 06:56	0°♐		inferior conj		-3563 Oct 04 j 22:18	14°♐43'44	-6°13'02	
max. Earth dist.	-3565 May 10 j 08:04	18°♐28'25	1.73561 AU	minimum elong		-3563 Oct 05 j 09:04	14°♐27'21	6°10'27	
				min. Earth dist.		-3563 Oct 05 j 04:44	14°♐33'56	0.26455 AU	
superior conj	-3565 May 12 j 23:02	21°♐42'00	-0°08'47	morning rise		-3563 Oct 10 j 07:11	11°♐34'13		
minimum elong	-3565 May 13 j 00:44	21°♐47'16	0°08'39	direct		-3563 Oct 25 j 06:10	7°♐08'42		
behind sun begin	-3565 May 12 j 06:03	20°♐49'47		asc. node		-3563 Oct 31 j 11:02	7°♐54'07		
behind sun end	-3565 May 13 j 19:26	22°♐44'45		greatest brilliancy		-3563 Nov 04 j 16:03	9°♐12'43	-4.9m	
asc. node	-3565 May 16 j 16:40	26°♐17'46				-3563 Dec 04 j 02:15	0°♑		
	-3565 May 19 j 16:51	0°♒		morning max el		-3563 Dec 14 j 17:49	10°♑20'45	46°42'19	
	-3565 Jun 13 j 00:10	0°♓				-3562 Jan 02 j 08:02	0°♓		
evening rise	-3565 Jun 17 j 13:47	5°♓39'13				-3562 Jan 28 j 23:15	0°♌		
	-3565 Jul 07 j 05:18	0°☾		desc. node		-3562 Feb 20 j 07:21	25°♌57'40		
	-3565 Jul 31 j 09:36	0°♈				-3562 Feb 23 j 17:58	0°♍		
	-3565 Aug 24 j 14:59	0°♉				-3562 Mar 21 j 02:38	0°♎		
desc. node	-3565 Sep 05 j 10:56	14°♉35'45				-3562 Apr 15 j 04:20	0°♏		
	-3565 Sep 17 j 23:37	0°♊				-3562 May 09 j 23:49	0°♐		
	-3565 Oct 12 j 14:11	0°♋				-3562 Jun 03 j 13:07	0°♑		
	-3565 Nov 06 j 16:14	0°♌		morning set		-3562 Jun 12 j 19:31	11°♑24'24		
	-3565 Dec 02 j 20:23	0°♍		asc. node		-3562 Jun 13 j 04:45	11°♑52'55		
evening max el	-3565 Dec 20 j 11:38	18°♍43'21	46°29'24			-3562 Jun 27 j 20:16	0°♒		
asc. node	-3565 Dec 27 j 08:12	25°♍27'15		max. Earth dist.		-3562 Jul 15 j 00:05	21°♒21'18	1.72116 AU	
	-3564 Jan 01 j 05:39	0°♎							
greatest brilliancy	-3564 Jan 28 j 15:10	18°♎53'10	-4.8m	superior conj		-3562 Jul 19 j 08:56	26°♒48'37	1°11'30	
retrograde	-3564 Feb 08 j 13:11	21°♎05'53		minimum elong		-3562 Jul 19 j 00:48	26°♒23'13	1°11'25	
evening set	-3564 Feb 26 j 05:35	15°♎01'17				-3562 Jul 21 j 22:11	0°☾		
inferior conj	-3564 Feb 29 j 21:39	12°♎42'20	8°00'05			-3562 Aug 14 j 20:42	0°♈		
minimum elong	-3564 Mar 01 j 02:16	12°♎34'58	7°59'38	evening rise		-3562 Aug 26 j 01:11	14°♈02'40		
min. Earth dist.	-3564 Feb 29 j 20:06	12°♎44'48	0.29193 AU			-3562 Sep 07 j 18:13	0°♉		
morning rise	-3564 Mar 04 j 23:10	10°♎09'31				-3562 Oct 01 j 16:46	0°♊		
direct	-3564 Mar 22 j 11:29	4°♎19'18		desc. node		-3562 Oct 02 j 23:17	1°♊35'27		
greatest brilliancy	-3564 Apr 01 j 01:28	5°♎59'57	-4.7m			-3562 Oct 25 j 17:52	0°♋		
desc. node	-3564 Apr 17 j 04:12	14°♎37'13				-3562 Nov 18 j 23:05	0°♌		
	-3564 May 05 j 21:39	0°♍				-3562 Dec 13 j 11:29	0°♍		
morning max el	-3564 May 10 j 07:36	4°♍07'58	45°48'39			-3561 Jan 07 j 13:35	0°♎		
	-3564 Jun 04 j 13:52	0°♐		asc. node		-3561 Jan 23 j 19:54	18°♎49'00		
	-3564 Jul 01 j 08:14	0°♑				-3561 Feb 02 j 19:24	0°♏		
	-3564 Jul 26 j 18:36	0°♒		evening max el		-3561 Mar 01 j 07:05	27°♏35'14	45°16'30	
asc. node	-3564 Aug 08 j 02:28	14°♒55'44				-3561 Mar 03 j 19:53	0°♐		
	-3564 Aug 20 j 09:22	0°☾		greatest brilliancy		-3561 Apr 07 j 23:09	25°♐03'17	-4.7m	
	-3564 Sep 13 j 11:56	0°♈		retrograde		-3561 Apr 18 j 14:39	27°♐05'27		
	-3564 Oct 07 j 08:23	0°♉		evening set		-3561 May 03 j 19:39	22°♐41'44		
	-3564 Oct 31 j 03:29	0°♊		inferior conj		-3561 May 10 j 01:42	18°♐59'04	1°17'14	
morning set	-3564 Nov 07 j 19:23	9°♊38'47		minimum elong		-3561 May 10 j 04:30	18°♐54'43	1°16'28	
	-3564 Nov 24 j 00:15	0°♋		min. Earth dist.		-3561 May 10 j 17:29	18°♐34'32	0.28912 AU	
desc. node	-3564 Nov 27 j 21:38	4°♋52'41		desc. node		-3561 May 15 j 15:48	15°♐36'27		
	-3564 Dec 17 j 23:51	0°♌		morning rise		-3561 May 16 j 12:39	15°♐07'22		
				direct		-3561 May 31 j 19:36	10°♐39'06		
superior conj	-3564 Dec 20 j 00:26	2°♌31'29	-0°48'26	greatest brilliancy		-3561 Jun 11 j 20:54	12°♐49'24	-4.7m	
minimum elong	-3564 Dec 19 j 13:44	1°♌58'08	0°48'08			-3561 Jul 07 j 24:00	0°♑		
max. Earth dist.	-3564 Dec 24 j 17:37	8°♌24'13	1.71930 AU	morning max el		-3561 Jul 20 j 05:18	11°♑16'14	46°13'29	
	-3563 Jan 11 j 02:27	0°♒				-3561 Aug 07 j 08:17	0°♒		
evening rise	-3563 Jan 29 j 08:34	22°♒36'26				-3561 Sep 02 j 20:08	0°☾		
	-3563 Feb 04 j 08:16	0°♓		asc. node		-3561 Sep 05 j 14:19	3°☾14'39		
greatest brilliancy	-3563 Feb 12 j 06:08	9°♓44'52	-3.9m			-3561 Sep 27 j 20:35	0°♈		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3561 Oct 22 j 04:40	0°♎		evening max el	-3558 May 11 j 10:49	5°♊53'57	45°24'09
	-3561 Nov 15 j 06:34	0°♏			-3558 Jun 10 j 23:24	0°♏	
	-3561 Dec 09 j 08:01	0°♎		desc. node	-3558 Jun 12 j 03:23	0°♏37'49	
desc. node	-3561 Dec 26 j 09:41	21°♎13'21		greatest brilliancy	-3558 Jun 19 j 05:39	3°♏44'08	-4.8m
	-3560 Jan 02 j 11:29	0°♏		retrograde	-3558 Jun 29 j 05:04	5°♏30'34	
morning set	-3560 Jan 24 j 13:00	27°♏18'10		evening set	-3558 Jul 15 j 15:18	0°♏26'44	
	-3560 Jan 26 j 17:23	0°♏			-3558 Jul 16 j 10:03	30°♎♊	
	-3560 Feb 20 j 01:15	0°♏		inferior conj	-3558 Jul 20 j 06:16	27°♊42'26	-7°36'09
				minimum elong	-3558 Jul 19 j 20:59	27°♊56'31	7°34'36
superior conj	-3560 Mar 03 j 05:05	14°♏58'01	-1°19'45	min. Earth dist.	-3558 Jul 20 j 13:15	27°♊31'50	0.27767 AU
minimum elong	-3560 Mar 03 j 10:33	15°♏14'49	1°19'47	morning rise	-3558 Jul 24 j 02:26	25°♊24'38	
max. Earth dist.	-3560 Mar 04 j 12:06	16°♏33'24	1.73422 AU	direct	-3558 Aug 10 j 11:10	19°♊45'30	
	-3560 Mar 15 j 10:37	0°♏		greatest brilliancy	-3558 Aug 21 j 09:25	21°♊58'16	-4.9m
	-3560 Apr 08 j 21:16	0°♏			-3558 Sep 04 j 13:05	0°♏	
evening rise	-3560 Apr 09 j 02:36	0°♏16'22		morning max el	-3558 Sep 30 j 01:43	22°♏45'33	46°48'29
asc. node	-3560 Apr 17 j 06:30	10°♏16'32		asc. node	-3558 Oct 03 j 01:46	25°♏50'50	
	-3560 May 03 j 09:06	0°♏			-3558 Oct 07 j 00:36	0°♏	
	-3560 May 27 j 22:18	0°♊			-3558 Nov 02 j 18:20	0°♎	
	-3560 Jun 21 j 13:40	0°♏			-3558 Nov 28 j 00:27	0°♏	
	-3560 Jul 16 j 09:09	0°♏			-3558 Dec 22 j 18:53	0°♎	
desc. node	-3560 Aug 07 j 00:52	25°♏52'34			-3557 Jan 16 j 10:16	0°♏	
	-3560 Aug 10 j 12:30	0°♎		desc. node	-3557 Jan 22 j 21:38	7°♏53'18	
	-3560 Sep 05 j 07:07	0°♏			-3557 Feb 10 j 01:14	0°♏	
	-3560 Oct 02 j 13:23	0°♎			-3557 Mar 06 j 15:52	0°♏	
evening max el	-3560 Oct 07 j 01:03	4°♎37'50	47°34'07		-3557 Mar 31 j 05:34	0°♏	
	-3560 Nov 04 j 17:48	0°♏		morning set	-3557 Apr 04 j 18:34	5°♏33'06	
greatest brilliancy	-3560 Nov 16 j 18:01	6°♏35'01	-4.9m		-3557 Apr 24 j 17:41	0°♏	
retrograde	-3560 Nov 27 j 05:16	8°♏42'31		max. Earth dist.	-3557 May 08 j 05:27	16°♏33'38	1.73584 AU
asc. node	-3560 Nov 27 j 22:36	8°♏41'52					
evening set	-3560 Dec 12 j 06:15	4°♏07'18		superior conj	-3557 May 10 j 17:49	19°♏39'10	-0°11'49
min. Earth dist.	-3560 Dec 16 j 24:00	1°♏15'53	0.27301 AU	minimum elong	-3557 May 10 j 20:06	19°♏46'13	0°11'40
inferior conj	-3560 Dec 18 j 01:38	0°♏35'35	4°45'07	behind sun begin	-3557 May 10 j 05:02	18°♏59'52	
minimum elong	-3560 Dec 17 j 16:55	0°♏49'18	4°42'46	behind sun end	-3557 May 11 j 11:11	20°♏32'35	
	-3560 Dec 19 j 00:18	30°♎♊		asc. node	-3557 May 15 j 18:42	25°♏50'59	
morning rise	-3560 Dec 23 j 04:19	27°♎29'00			-3557 May 19 j 03:35	0°♏	
direct	-3559 Jan 07 j 14:23	22°♎44'18			-3557 Jun 12 j 11:00	0°♊	
greatest brilliancy	-3559 Jan 16 j 12:39	24°♎14'26	-4.8m	evening rise	-3557 Jun 15 j 08:33	3°♊35'05	
	-3559 Jan 28 j 09:32	0°♏			-3557 Jul 06 j 16:21	0°♏	
morning max el	-3559 Feb 25 j 18:45	23°♏26'14	46°04'56		-3557 Jul 30 j 20:57	0°♏	
	-3559 Mar 04 j 10:45	0°♏			-3557 Aug 24 j 02:44	0°♎	
desc. node	-3559 Mar 19 j 19:02	15°♏56'00		desc. node	-3557 Sep 04 j 13:08	14°♎05'43	
	-3559 Apr 01 j 17:42	0°♏			-3557 Sep 17 j 11:52	0°♏	
	-3559 Apr 28 j 06:32	0°♏			-3557 Oct 12 j 03:10	0°♎	
	-3559 May 23 j 22:00	0°♏			-3557 Nov 06 j 06:28	0°♏	
	-3559 Jun 17 j 22:46	0°♏			-3557 Dec 02 j 13:29	0°♏	
asc. node	-3559 Jul 10 j 16:41	27°♏47'10		evening max el	-3557 Dec 18 j 03:13	16°♏28'03	46°32'21
	-3559 Jul 12 j 11:48	0°♊		asc. node	-3557 Dec 26 j 10:15	24°♏34'22	
	-3559 Aug 05 j 15:32	0°♏			-3556 Jan 01 j 09:22	0°♏	
morning set	-3559 Aug 21 j 17:14	20°♏09'12		greatest brilliancy	-3556 Jan 26 j 08:42	16°♏44'41	-4.8m
	-3559 Aug 29 j 12:59	0°♏		retrograde	-3556 Feb 06 j 06:01	18°♏56'46	
	-3559 Sep 22 j 07:34	0°♎		evening set	-3556 Feb 23 j 23:41	12°♏50'39	
				inferior conj	-3556 Feb 27 j 14:34	10°♏33'14	8°04'59
superior conj	-3559 Sep 30 j 03:38	9°♎53'30	1°03'04	minimum elong	-3556 Feb 27 j 18:33	10°♏26'51	8°04'38
minimum elong	-3559 Sep 30 j 14:48	10°♎28'44	1°02'45	min. Earth dist.	-3556 Feb 27 j 11:47	10°♏37'42	0.29165 AU
max. Earth dist.	-3559 Oct 01 j 13:26	11°♎40'10	1.70884 AU	morning rise	-3556 Mar 02 j 13:38	8°♏03'49	
	-3559 Oct 16 j 02:18	0°♏		direct	-3556 Mar 20 j 03:58	2°♏10'56	
desc. node	-3559 Oct 30 j 11:34	18°♏05'50		greatest brilliancy	-3556 Mar 29 j 16:10	3°♏49'52	-4.7m
	-3559 Nov 08 j 23:07	0°♎		desc. node	-3556 Apr 16 j 06:20	13°♏28'55	
evening rise	-3559 Nov 11 j 10:21	3°♎05'38			-3556 May 05 j 21:20	0°♏	
	-3559 Dec 02 j 22:55	0°♏		morning max el	-3556 May 07 j 22:52	1°♏57'01	45°48'20
	-3559 Dec 27 j 02:33	0°♏			-3556 Jun 04 j 05:50	0°♏	
	-3558 Jan 20 j 11:48	0°♏			-3556 Jun 30 j 21:41	0°♏	
	-3558 Feb 14 j 06:03	0°♏			-3556 Jul 26 j 06:52	0°♊	
asc. node	-3558 Feb 20 j 08:06	7°♏16'30		asc. node	-3556 Aug 07 j 04:43	14°♊26'11	
	-3558 Mar 11 j 14:46	0°♏			-3556 Aug 19 j 21:03	0°♏	
	-3558 Apr 06 j 23:34	0°♏			-3556 Sep 12 j 23:19	0°♏	
	-3558 May 05 j 09:12	0°♊			-3556 Oct 06 j 19:36	0°♎	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3556 Oct 30 j 14:37	0°♌		inferior conj	-3553 May 07 j 18:10	16°♊51'15	1°36'15
morning set	-3556 Nov 05 j 05:18	7°♌04'05		minimum elong	-3553 May 07 j 21:37	16°♊45'53	1°35'18
	-3556 Nov 23 j 11:17	0°♌		min. Earth dist.	-3553 May 08 j 09:59	16°♊26'40	0.28950 AU
desc. node	-3556 Nov 26 j 23:39	4°♌24'30		morning rise	-3553 May 14 j 05:10	12°♊59'37	
				desc. node	-3553 May 14 j 17:49	12°♊42'29	
superior conj	-3556 Dec 17 j 10:55	0°♌00'29	-0°45'15	direct	-3553 May 29 j 12:15	8°♊30'30	
minimum elong	-3556 Dec 17 j 00:36	29°♌28'17	0°44'57	greatest brilliancy	-3553 Jun 09 j 13:23	10°♊40'55	-4.7m
	-3556 Dec 17 j 10:46	0°♌			-3553 Jul 08 j 03:48	0°♌	
max. Earth dist.	-3556 Dec 22 j 07:28	6°♌03'50	1.71867 AU	morning max el	-3553 Jul 17 j 22:02	9°♌06'16	46°12'09
	-3555 Jan 10 j 13:17	0°♌			-3553 Aug 07 j 01:22	0°♌	
evening rise	-3555 Jan 26 j 22:26	20°♌17'28			-3553 Sep 02 j 10:15	0°♌	
	-3555 Feb 03 j 19:06	0°♌		asc. node	-3553 Sep 04 j 16:27	2°♌39'48	
greatest brilliancy	-3555 Feb 14 j 14:27	13°♌18'30	-3.9m		-3553 Sep 27 j 09:25	0°♌	
	-3555 Feb 28 j 04:58	0°♌			-3553 Oct 21 j 16:49	0°♌	
asc. node	-3555 Mar 19 j 20:21	23°♌56'46			-3553 Nov 14 j 18:18	0°♌	
	-3555 Mar 24 j 20:08	0°♌			-3553 Dec 08 j 19:26	0°♌	
	-3555 Apr 18 j 18:12	0°♌		desc. node	-3553 Dec 25 j 11:47	20°♌44'50	
	-3555 May 14 j 01:35	0°♌			-3552 Jan 01 j 22:42	0°♌	
	-3555 Jun 08 j 23:37	0°♌		morning set	-3552 Jan 22 j 01:45	24°♌55'08	
	-3555 Jul 06 j 02:05	0°♌			-3552 Jan 26 j 04:24	0°♌	
desc. node	-3555 Jul 09 j 15:03	3°♌45'12			-3552 Feb 19 j 12:06	0°♌	
evening max el	-3555 Jul 23 j 18:18	18°♌09'12	46°45'31				
	-3555 Aug 05 j 11:58	0°♌		superior conj	-3552 Feb 29 j 21:41	12°♌48'17	-1°20'42
greatest brilliancy	-3555 Sep 02 j 19:54	18°♌22'50	-4.9m	minimum elong	-3552 Mar 01 j 02:35	13°♌03'22	1°20'45
retrograde	-3555 Sep 11 j 19:34	19°♌53'42		max. Earth dist.	-3552 Mar 02 j 07:13	14°♌31'26	1.73385 AU
evening set	-3555 Sep 28 j 02:06	14°♌49'06			-3552 Mar 14 j 21:22	0°♌	
inferior conj	-3555 Oct 02 j 10:14	12°♌14'14	-6°30'23	evening rise	-3552 Apr 06 j 21:18	28°♌13'38	
minimum elong	-3555 Oct 02 j 21:02	11°♌57'48	6°27'54		-3552 Apr 08 j 08:01	0°♌	
min. Earth dist.	-3555 Oct 02 j 17:57	12°♌02'30	0.26480 AU	asc. node	-3552 Apr 16 j 08:34	9°♌49'46	
morning rise	-3555 Oct 07 j 15:47	9°♌09'12			-3552 May 02 j 20:02	0°♌	
direct	-3555 Oct 22 j 17:51	4°♌38'36			-3552 May 27 j 09:35	0°♌	
asc. node	-3555 Oct 30 j 13:08	5°♌49'28			-3552 Jun 21 j 01:31	0°♌	
greatest brilliancy	-3555 Nov 02 j 06:05	6°♌44'27	-4.9m		-3552 Jul 15 j 21:49	0°♌	
	-3555 Dec 04 j 06:02	0°♌		desc. node	-3552 Aug 06 j 03:02	25°♌18'27	
morning max el	-3555 Dec 12 j 06:15	7°♌52'31	46°43'34		-3552 Aug 10 j 02:25	0°♌	
	-3554 Jan 02 j 01:44	0°♌			-3552 Sep 04 j 23:16	0°♌	
	-3554 Jan 28 j 13:38	0°♌			-3552 Oct 02 j 10:53	0°♌	
desc. node	-3554 Feb 19 j 09:34	25°♌26'12		evening max el	-3552 Oct 04 j 16:36	2°♌17'36	47°34'37
	-3554 Feb 23 j 06:43	0°♌			-3552 Nov 06 j 01:03	0°♌	
	-3554 Mar 20 j 14:28	0°♌		greatest brilliancy	-3552 Nov 14 j 08:47	4°♌11'07	-4.9m
	-3554 Apr 14 j 15:37	0°♌		retrograde	-3552 Nov 24 j 20:27	6°♌18'44	
	-3554 May 09 j 10:47	0°♌		asc. node	-3552 Nov 27 j 00:42	6°♌12'44	
	-3554 Jun 02 j 23:54	0°♌		evening set	-3552 Dec 09 j 18:31	1°♌46'39	
morning set	-3554 Jun 10 j 13:42	9°♌19'14			-3552 Dec 12 j 18:47	30°♌	
asc. node	-3554 Jun 12 j 06:50	11°♌26'03		min. Earth dist.	-3552 Dec 14 j 14:00	28°♌52'56	0.27227 AU
	-3554 Jun 27 j 07:01	0°♌		inferior conj	-3552 Dec 15 j 15:42	28°♌12'39	4°26'41
max. Earth dist.	-3554 Jul 12 j 17:51	19°♌13'19	1.72179 AU	minimum elong	-3552 Dec 15 j 07:19	28°♌25'48	4°24'20
				morning rise	-3552 Dec 20 j 20:57	25°♌03'03	
superior conj	-3554 Jul 17 j 01:41	24°♌37'18	1°09'42	direct	-3551 Jan 05 j 04:13	20°♌22'38	
minimum elong	-3554 Jul 16 j 17:18	24°♌11'08	1°09'37	greatest brilliancy	-3551 Jan 14 j 02:13	21°♌53'05	-4.8m
	-3554 Jul 21 j 08:59	0°♌			-3551 Jan 29 j 12:15	0°♌	
	-3554 Aug 14 j 07:39	0°♌		morning max el	-3551 Feb 23 j 10:07	21°♌11'52	46°06'08
evening rise	-3554 Aug 23 j 14:29	11°♌39'14			-3551 Mar 04 j 07:07	0°♌	
	-3554 Sep 07 j 05:19	0°♌		desc. node	-3551 Mar 18 j 21:02	15°♌15'52	
	-3554 Oct 01 j 04:04	0°♌			-3551 Apr 01 j 08:53	0°♌	
desc. node	-3554 Oct 02 j 01:21	1°♌06'30			-3551 Apr 27 j 19:36	0°♌	
	-3554 Oct 25 j 05:25	0°♌			-3551 May 23 j 10:00	0°♌	
	-3554 Nov 18 j 10:58	0°♌			-3551 Jun 17 j 10:12	0°♌	
	-3554 Dec 12 j 23:53	0°♌		asc. node	-3551 Jul 09 j 18:57	27°♌19'41	
	-3553 Jan 07 j 02:59	0°♌			-3551 Jul 11 j 22:59	0°♌	
asc. node	-3553 Jan 22 j 22:11	18°♌14'14			-3551 Aug 05 j 02:37	0°♌	
	-3553 Feb 02 j 11:09	0°♌		morning set	-3551 Aug 19 j 07:18	17°♌47'47	
evening max el	-3553 Feb 26 j 22:15	25°♌23'48	45°18'01		-3551 Aug 29 j 00:04	0°♌	
	-3553 Mar 03 j 19:19	0°♌			-3551 Sep 21 j 18:43	0°♌	
greatest brilliancy	-3553 Apr 05 j 14:35	22°♌55'16	-4.7m				
retrograde	-3553 Apr 16 j 07:27	24°♌58'43		superior conj	-3551 Sep 27 j 14:17	7°♌20'26	1°05'34
evening set	-3553 May 01 j 13:26	20°♌32'17		minimum elong	-3551 Sep 28 j 01:13	7°♌54'54	1°05'17

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

max. Earth dist.	-3551 Sep 28 j 18:30	8° \cap 49'27	1.70889 AU	morning rise	-3548 Feb 29 j 04:09	5° \approx 56'38	
	-3551 Oct 15 j 13:31	0° $\underline{\Omega}$		direct	-3548 Mar 17 j 19:50	0° \approx 01'08	
desc. node	-3551 Oct 29 j 13:35	17° $\underline{\Omega}$ 36'53		greatest brilliancy	-3548 Mar 27 j 07:13	1° \approx 39'03	-4.7m
	-3551 Nov 08 j 10:23	0° \cap		desc. node	-3548 Apr 15 j 08:26	12° \approx 21'27	
evening rise	-3551 Nov 08 j 18:52	0° \cap 26'36		morning max el	-3548 May 05 j 13:44	29° \approx 44'13	45°48'15
	-3551 Dec 02 j 10:15	0° \nearrow			-3548 May 05 j 20:21	0° \nearrow	
	-3551 Dec 26 j 13:59	0° \searrow			-3548 Jun 03 j 21:48	0° \nearrow	
	-3550 Jan 19 j 23:27	0° \approx			-3548 Jun 30 j 11:15	0° \searrow	
	-3550 Feb 13 j 18:13	0° \nearrow			-3548 Jul 25 j 19:18	0° \cap	
asc. node	-3550 Feb 19 j 10:14	6° \nearrow 46'05		asc. node	-3548 Aug 06 j 06:49	13° \cap 55'38	
	-3550 Mar 11 j 03:57	0° \nearrow			-3548 Aug 19 j 08:54	0° \searrow	
	-3550 Apr 06 j 14:56	0° \searrow			-3548 Sep 12 j 10:53	0° \cap	
	-3550 May 05 j 06:31	0° \cap			-3548 Oct 06 j 07:03	0° \cap	
evening max el	-3550 May 09 j 02:02	3° \cap 40'44	45°22'23		-3548 Oct 30 j 02:01	0° $\underline{\Omega}$	
desc. node	-3550 Jun 11 j 05:32	29° \cap 07'03		morning set	-3548 Nov 02 j 15:12	4° $\underline{\Omega}$ 28'17	
	-3550 Jun 13 j 02:50	0° \searrow			-3548 Nov 22 j 22:38	0° \cap	
greatest brilliancy	-3550 Jun 16 j 18:28	1° \searrow 26'12	-4.7m	desc. node	-3548 Nov 26 j 01:49	3° \cap 55'43	
retrograde	-3550 Jun 26 j 18:22	3° \searrow 12'49					
	-3550 Jul 09 j 16:46	30° \searrow II		superior conj	-3548 Dec 14 j 20:54	27° \cap 26'36	-0°41'56
evening set	-3550 Jul 13 j 01:34	28° \cap 14'21		minimum elong	-3548 Dec 14 j 11:02	26° \cap 55'48	0°41'37
inferior conj	-3550 Jul 17 j 20:20	25° \cap 24'23	-7°24'14		-3548 Dec 16 j 22:04	0° \nearrow	
minimum elong	-3550 Jul 17 j 10:42	25° \cap 39'02	7°22'32	max. Earth dist.	-3548 Dec 19 j 17:15	3° \nearrow 29'30	1.71809 AU
min. Earth dist.	-3550 Jul 18 j 03:15	25° \cap 13'52	0.27811 AU		-3547 Jan 10 j 00:33	0° \searrow	
morning rise	-3550 Jul 21 j 19:34	23° \cap 01'45		evening rise	-3547 Jan 24 j 11:38	17° \searrow 55'02	
direct	-3550 Aug 08 j 02:02	17° \cap 26'45			-3547 Feb 03 j 06:21	0° \approx	
greatest brilliancy	-3550 Aug 18 j 23:58	19° \cap 38'37	-4.9m		-3547 Feb 27 j 16:20	0° \nearrow	
	-3550 Sep 05 j 06:57	0° \searrow		asc. node	-3547 Mar 18 j 22:24	23° \nearrow 27'55	
morning max el	-3550 Sep 27 j 14:57	20° \searrow 19'56	46°47'31		-3547 Mar 24 j 07:46	0° \nearrow	
asc. node	-3550 Oct 02 j 03:52	25° \searrow 01'04			-3547 Apr 18 j 06:23	0° \searrow	
	-3550 Oct 06 j 20:32	0° \cap			-3547 May 13 j 14:46	0° \cap	
	-3550 Nov 02 j 09:55	0° \cap			-3547 Jun 08 j 14:37	0° \searrow	
	-3550 Nov 27 j 14:14	0° $\underline{\Omega}$			-3547 Jul 05 j 21:02	0° \cap	
	-3550 Dec 22 j 07:40	0° \cap		desc. node	-3547 Jul 08 j 17:16	2° \cap 59'23	
	-3549 Jan 15 j 22:22	0° \nearrow		evening max el	-3547 Jul 21 j 06:03	15° \cap 41'41	46°42'35
desc. node	-3549 Jan 21 j 23:52	7° \nearrow 23'38			-3547 Aug 05 j 20:58	0° \cap	
	-3549 Feb 09 j 12:50	0° \searrow		greatest brilliancy	-3547 Aug 31 j 08:40	15° \cap 54'11	-4.9m
	-3549 Mar 06 j 03:07	0° \approx		retrograde	-3547 Sep 09 j 07:21	17° \cap 24'31	
	-3549 Mar 30 j 16:36	0° \nearrow		evening set	-3547 Sep 25 j 17:36	12° \cap 14'53	
morning set	-3549 Apr 02 j 12:52	3° \nearrow 28'42		inferior conj	-3547 Sep 29 j 22:27	9° \cap 45'05	-6°46'41
	-3549 Apr 24 j 04:35	0° \nearrow		minimum elong	-3547 Sep 30 j 09:13	9° \cap 28'45	6°44'21
max. Earth dist.	-3549 May 06 j 01:46	14° \nearrow 35'12	1.73604 AU	min. Earth dist.	-3547 Sep 30 j 07:08	9° \cap 31'55	0.26511 AU
				morning rise	-3547 Oct 05 j 00:36	6° \cap 45'00	
superior conj	-3549 May 08 j 12:57	17° \nearrow 37'01	-0°14'48	direct	-3547 Oct 20 j 06:04	2° \cap 08'44	
minimum elong	-3549 May 08 j 15:49	17° \nearrow 45'49	0°14'38	asc. node	-3547 Oct 29 j 15:17	3° \cap 50'01	
behind sun begin	-3549 May 08 j 07:27	17° \nearrow 20'05		greatest brilliancy	-3547 Oct 30 j 20:09	4° \cap 16'23	-4.9m
behind sun end	-3549 May 09 j 00:11	18° \nearrow 11'33			-3547 Dec 04 j 08:30	0° $\underline{\Omega}$	
asc. node	-3549 May 14 j 20:50	25° \nearrow 24'02		morning max el	-3547 Dec 09 j 19:46	5° $\underline{\Omega}$ 26'10	46°44'30
	-3549 May 18 j 14:29	0° \searrow			-3546 Jan 01 j 19:24	0° \cap	
	-3549 Jun 11 j 21:59	0° \cap			-3546 Jan 28 j 04:19	0° \nearrow	
evening rise	-3549 Jun 13 j 03:47	1° \cap 32'07		desc. node	-3546 Feb 18 j 11:34	24° \nearrow 52'47	
	-3549 Jul 06 j 03:31	0° \searrow			-3546 Feb 22 j 19:53	0° \searrow	
	-3549 Jul 30 j 08:26	0° \cap			-3546 Mar 20 j 02:44	0° \approx	
	-3549 Aug 23 j 14:41	0° \cap			-3546 Apr 14 j 03:18	0° \nearrow	
desc. node	-3549 Sep 03 j 15:10	13° \cap 34'30			-3546 May 08 j 22:06	0° \nearrow	
	-3549 Sep 17 j 00:24	0° $\underline{\Omega}$			-3546 Jun 02 j 11:02	0° \searrow	
	-3549 Oct 11 j 16:33	0° \cap		morning set	-3546 Jun 08 j 07:54	7° \searrow 13'17	
	-3549 Nov 05 j 21:16	0° \nearrow		asc. node	-3546 Jun 11 j 09:02	10° \searrow 58'36	
	-3549 Dec 02 j 07:27	0° \searrow			-3546 Jun 26 j 18:05	0° \cap	
evening max el	-3549 Dec 15 j 17:56	14° \searrow 08'58	46°35'24	max. Earth dist.	-3546 Jul 10 j 11:59	17° \cap 05'35	1.72239 AU
asc. node	-3549 Dec 25 j 12:32	23° \searrow 39'33					
	-3548 Jan 01 j 15:39	0° \approx		superior conj	-3546 Jul 14 j 18:37	22° \cap 25'36	1°07'49
greatest brilliancy	-3548 Jan 24 j 02:32	14° \approx 34'52	-4.8m	minimum elong	-3546 Jul 14 j 10:03	21° \cap 58'52	1°07'43
retrograde	-3548 Feb 03 j 22:33	16° \approx 46'14			-3546 Jul 20 j 20:07	0° \searrow	
evening set	-3548 Feb 21 j 17:30	10° \approx 38'48			-3546 Aug 13 j 18:54	0° \cap	
inferior conj	-3548 Feb 25 j 07:23	8° \approx 22'49	8°09'21	evening rise	-3546 Aug 21 j 04:15	9° \cap 16'22	
minimum elong	-3548 Feb 25 j 10:43	8° \approx 17'28	8°09'04		-3546 Sep 06 j 16:44	0° \cap	
min. Earth dist.	-3548 Feb 25 j 03:37	8° \approx 28'51	0.29130 AU		-3546 Sep 30 j 15:40	0° $\underline{\Omega}$	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

desc. node	-3546 Oct 01 j 03:24	0°♌36'40		-3543 Apr 27 j 08:47	0°♏	
	-3546 Oct 24 j 17:14	0°♍		-3543 May 22 j 22:11	0°♐	
	-3546 Nov 17 j 23:08	0°♎		-3543 Jun 16 j 21:51	0°♑	
	-3546 Dec 12 j 12:38	0°♏	asc. node	-3543 Jul 08 j 21:02	26°♐51'03	
	-3545 Jan 06 j 16:53	0°♐		-3543 Jul 11 j 10:19	0°♑	
asc. node	-3545 Jan 22 j 00:15	17°♐37'17		-3543 Aug 04 j 13:50	0°♒	
	-3545 Feb 02 j 03:38	0°♑	morning set	-3543 Aug 16 j 21:18	15°♒25'54	
evening max el	-3545 Feb 24 j 14:15	23°♑12'53 45°19'34		-3543 Aug 28 j 11:15	0°♓	
	-3545 Mar 03 j 20:34	0°♒		-3543 Sep 21 j 05:55	0°♑	
greatest brilliancy	-3545 Apr 03 j 06:02	20°♒45'41 -4.7m				
retrograde	-3545 Apr 14 j 00:18	22°♒50'06	superior conj	-3543 Sep 25 j 01:07	4°♑47'44 1°07'55	
evening set	-3545 Apr 29 j 07:16	18°♒21'08	minimum elong	-3543 Sep 25 j 11:44	5°♑21'12 1°07'40	
inferior conj	-3545 May 05 j 10:29	14°♒41'46 1°55'09	max. Earth dist.	-3543 Sep 25 j 21:15	5°♑51'15 1.70898 AU	
minimum elong	-3545 May 05 j 14:34	14°♒35'24 1°54'02		-3543 Oct 15 j 00:48	0°♒	
min. Earth dist.	-3545 May 06 j 02:07	14°♒17'27 0.28983 AU	desc. node	-3543 Oct 28 j 15:45	17°♒08'04	
morning rise	-3545 May 11 j 21:22	10°♒50'23	evening rise	-3543 Nov 06 j 03:22	27°♒47'07	
desc. node	-3545 May 13 j 19:59	9°♒49'22		-3543 Nov 07 j 21:45	0°♓	
direct	-3545 May 27 j 05:05	6°♒20'29		-3543 Dec 01 j 21:39	0°♎	
greatest brilliancy	-3545 Jun 07 j 05:01	8°♒30'12 -4.7m		-3543 Dec 26 j 01:28	0°♏	
	-3545 Jul 08 j 06:29	0°♐		-3542 Jan 19 j 11:10	0°♐	
morning max el	-3545 Jul 15 j 14:55	6°♐55'55 46°10'50		-3542 Feb 13 j 06:26	0°♑	
	-3545 Aug 06 j 18:26	0°♑	asc. node	-3542 Feb 18 j 12:17	6°♑15'20	
	-3545 Sep 02 j 00:29	0°♒		-3542 Mar 10 j 17:16	0°♒	
asc. node	-3545 Sep 03 j 18:29	2°♒04'06		-3542 Apr 06 j 06:38	0°♓	
	-3545 Sep 26 j 22:25	0°♓		-3542 May 05 j 04:49	0°♑	
	-3545 Oct 21 j 05:09	0°♑	evening max el	-3542 May 06 j 16:24	1°♑25'04 45°20'30	
	-3545 Nov 14 j 06:12	0°♒	desc. node	-3542 Jun 10 j 07:44	27°♑32'19	
	-3545 Dec 08 j 07:03	0°♓	greatest brilliancy	-3542 Jun 14 j 07:38	29°♑07'57 -4.7m	
desc. node	-3545 Dec 24 j 13:57	20°♓15'59		-3542 Jun 17 j 05:42	0°♒	
	-3544 Jan 01 j 10:05	0°♎	retrograde	-3542 Jun 24 j 07:16	0°♒54'35	
morning set	-3544 Jan 19 j 14:30	22°♎31'23		-3542 Jul 01 j 03:40	30°♒♑	
	-3544 Jan 25 j 15:37	0°♏	evening set	-3542 Jul 10 j 11:46	26°♑01'13	
	-3544 Feb 18 j 23:11	0°♐	inferior conj	-3542 Jul 15 j 10:19	23°♑05'54 -7°11'35	
superior conj	-3544 Feb 27 j 13:59	10°♐36'41 -1°21'32	minimum elong	-3542 Jul 15 j 00:24	23°♑21'01 7°09'43	
minimum elong	-3544 Feb 27 j 18:15	10°♐49'51 1°21'35	min. Earth dist.	-3542 Jul 15 j 17:35	22°♑54'49 0.27853 AU	
max. Earth dist.	-3544 Feb 29 j 03:19	12°♐31'34 1.73354 AU	morning rise	-3542 Jul 19 j 12:41	20°♑38'27	
	-3544 Mar 14 j 08:24	0°♑	direct	-3542 Aug 05 j 16:14	15°♑07'27	
evening rise	-3544 Apr 04 j 15:35	26°♑08'37	greatest brilliancy	-3542 Aug 16 j 15:05	17°♑19'22 -4.9m	
	-3544 Apr 07 j 19:06	0°♒		-3542 Sep 05 j 20:26	0°♒	
	-3544 Apr 15 j 10:42	9°♒22'14	morning max el	-3542 Sep 25 j 03:34	17°♒52'45 46°46'42	
asc. node	-3544 May 02 j 07:17	0°♓	asc. node	-3542 Oct 01 j 06:05	24°♒12'27	
	-3544 May 26 j 21:11	0°♑		-3542 Oct 06 j 15:53	0°♓	
	-3544 Jun 20 j 13:39	0°♒		-3542 Nov 02 j 01:15	0°♑	
	-3544 Jul 15 j 10:47	0°♓		-3542 Nov 27 j 03:51	0°♒	
desc. node	-3544 Aug 05 j 05:01	24°♓42'58		-3542 Dec 21 j 20:19	0°♓	
	-3544 Aug 09 j 16:41	0°♑	desc. node	-3541 Jan 15 j 10:23	0°♎	
	-3544 Sep 04 j 15:56	0°♒		-3541 Jan 21 j 01:49	6°♎53'19	
	-3544 Oct 02 j 09:25	0°♓		-3541 Feb 09 j 00:21	0°♏	
evening max el	-3544 Oct 02 j 08:41	29°♓58'07 47°34'55		-3541 Mar 05 j 14:16	0°♐	
	-3544 Nov 07 j 23:32	0°♎	morning set	-3541 Mar 30 j 03:31	0°♑	
greatest brilliancy	-3544 Nov 11 j 23:47	1°♎46'50 -4.9m		-3541 Mar 31 j 07:10	1°♑42'33	
retrograde	-3544 Nov 22 j 11:33	3°♎53'55	max. Earth dist.	-3541 Apr 23 j 15:25	0°♒	
asc. node	-3544 Nov 26 j 02:57	3°♎37'06		-3541 May 03 j 22:12	12°♒37'22 1.73629 AU	
	-3544 Dec 06 j 05:30	30°♒♓	superior conj	-3541 May 06 j 08:04	15°♒35'08 -0°17'47	
evening set	-3544 Dec 07 j 06:56	29°♓25'10	minimum elong	-3541 May 06 j 11:30	15°♒45'39 0°17'35	
min. Earth dist.	-3544 Dec 12 j 04:04	26°♓29'03 0.27152 AU	asc. node	-3541 May 13 j 23:01	24°♒57'29	
inferior conj	-3544 Dec 13 j 05:40	25°♓48'57 4°07'34		-3541 May 18 j 01:19	0°♓	
minimum elong	-3544 Dec 12 j 21:41	26°♓01'27 4°05'17	evening rise	-3541 Jun 10 j 22:56	29°♓29'07	
morning rise	-3544 Dec 18 j 13:23	22°♓36'18		-3541 Jun 11 j 08:56	0°♑	
direct	-3543 Jan 02 j 18:02	18°♓00'27		-3541 Jul 05 j 14:42	0°♒	
greatest brilliancy	-3543 Jan 11 j 15:33	19°♓30'47 -4.8m		-3541 Jul 29 j 19:56	0°♓	
	-3543 Jan 30 j 08:01	0°♎		-3541 Aug 23 j 02:36	0°♑	
morning max el	-3543 Feb 21 j 00:47	18°♎55'24 46°07'13	desc. node	-3541 Sep 02 j 17:15	13°♑03'37	
	-3543 Mar 04 j 02:59	0°♏		-3541 Sep 16 j 12:54	0°♒	
desc. node	-3543 Mar 17 j 23:10	14°♏36'08		-3541 Oct 11 j 05:52	0°♓	
	-3543 Apr 01 j 00:02	0°♐		-3541 Nov 05 j 12:04	0°♎	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3541 Dec 02 j 01:39	0°♄				-3538 May 08 j 09:04	0°♅		
evening max el	-3541 Dec 13 j 08:13	11°♄49'06	46°38'27			-3538 Jun 01 j 21:48	0°♄		
asc. node	-3541 Dec 24 j 14:37	22°♄43'33			morning set	-3538 Jun 06 j 02:27	5°♄09'29		
	-3540 Jan 02 j 00:10	0°♄			asc. node	-3538 Jun 10 j 11:07	10°♄31'53		
greatest brilliancy	-3540 Jan 21 j 20:03	12°♄24'49	-4.8m			-3538 Jun 26 j 04:48	0°♄		
retrograde	-3540 Feb 01 j 15:11	14°♄36'05			max. Earth dist.	-3538 Jul 08 j 05:43	14°♄57'50	1.72300 AU	
evening set	-3540 Feb 19 j 10:59	8°♄27'31							
inferior conj	-3540 Feb 23 j 00:11	6°♄12'42	8°12'59		superior conj	-3538 Jul 12 j 11:48	20°♄15'57	1°05'51	
minimum elong	-3540 Feb 23 j 02:51	6°♄08'25	8°12'45		minimum elong	-3538 Jul 12 j 03:06	19°♄48'49	1°05'43	
min. Earth dist.	-3540 Feb 22 j 19:30	6°♄20'13	0.29094 AU			-3538 Jul 20 j 06:54	0°♄		
morning rise	-3540 Feb 26 j 18:52	3°♄49'37				-3538 Aug 13 j 05:51	0°♄		
	-3540 Mar 05 j 02:34	30°♄♄			evening rise	-3538 Aug 18 j 18:13	6°♄55'09		
direct	-3540 Mar 15 j 11:21	27°♄51'34				-3538 Sep 06 j 03:53	0°♄		
greatest brilliancy	-3540 Mar 24 j 22:31	29°♄29'02	-4.7m		desc. node	-3538 Sep 30 j 05:35	0°♄07'57		
	-3540 Mar 26 j 09:44	0°♄				-3538 Sep 30 j 03:02	0°♄		
desc. node	-3540 Apr 14 j 10:35	11°♄16'25				-3538 Oct 24 j 04:52	0°♄		
morning max el	-3540 May 03 j 05:01	27°♄33'06	45°48'16			-3538 Nov 17 j 11:07	0°♄		
	-3540 May 05 j 18:11	0°♄				-3538 Dec 12 j 01:12	0°♄		
	-3540 Jun 03 j 13:17	0°♄				-3537 Jan 06 j 06:34	0°♄		
	-3540 Jun 30 j 00:30	0°♄			asc. node	-3537 Jan 21 j 02:18	17°♄01'00		
	-3540 Jul 25 j 07:32	0°♄				-3537 Feb 01 j 20:02	0°♄		
asc. node	-3540 Aug 05 j 08:51	13°♄25'20			evening max el	-3537 Feb 22 j 06:53	21°♄04'34	45°21'15	
	-3540 Aug 18 j 20:36	0°♄				-3537 Mar 03 j 22:41	0°♄		
	-3540 Sep 11 j 22:20	0°♄			greatest brilliancy	-3537 Mar 31 j 22:00	18°♄38'05	-4.7m	
	-3540 Oct 05 j 18:21	0°♄			retrograde	-3537 Apr 11 j 16:59	20°♄42'49		
	-3540 Oct 29 j 13:13	0°♄			evening set	-3537 Apr 27 j 01:23	16°♄11'27		
morning set	-3540 Oct 31 j 00:59	1°♄52'41			inferior conj	-3537 May 03 j 02:56	12°♄33'46	2°13'54	
	-3540 Nov 22 j 09:45	0°♄			minimum elong	-3537 May 03 j 07:38	12°♄26'27	2°12'37	
desc. node	-3540 Nov 25 j 03:55	3°♄27'27			min. Earth dist.	-3537 May 03 j 18:19	12°♄09'49	0.29012 AU	
					morning rise	-3537 May 09 j 13:29	8°♄42'42		
superior conj	-3540 Dec 12 j 06:41	24°♄52'46	-0°38'30		desc. node	-3537 May 12 j 22:08	7°♄01'07		
minimum elong	-3540 Dec 11 j 21:20	24°♄23'36	0°38'12		direct	-3537 May 24 j 22:15	4°♄12'08		
	-3540 Dec 16 j 09:07	0°♄			greatest brilliancy	-3537 Jun 04 j 20:16	6°♄20'25	-4.7m	
max. Earth dist.	-3540 Dec 17 j 00:56	0°♄49'21	1.71752 AU			-3537 Jul 08 j 07:14	0°♄		
	-3539 Jan 09 j 11:33	0°♄			morning max el	-3537 Jul 13 j 07:28	4°♄46'11	46°09'33	
evening rise	-3539 Jan 22 j 00:45	15°♄33'09				-3537 Aug 06 j 10:44	0°♄		
	-3539 Feb 02 j 17:23	0°♄				-3537 Sep 01 j 14:12	0°♄		
	-3539 Feb 27 j 03:27	0°♄			asc. node	-3537 Sep 02 j 20:43	1°♄30'24		
asc. node	-3539 Mar 18 j 00:36	23°♄00'22				-3537 Sep 26 j 10:59	0°♄		
	-3539 Mar 23 j 19:09	0°♄				-3537 Oct 20 j 17:07	0°♄		
	-3539 Apr 17 j 18:18	0°♄				-3537 Nov 13 j 17:49	0°♄		
	-3539 May 13 j 03:43	0°♄				-3537 Dec 07 j 18:25	0°♄		
	-3539 Jun 08 j 05:31	0°♄			desc. node	-3537 Dec 23 j 15:58	19°♄47'20		
desc. node	-3539 Jul 05 j 16:16	0°♄				-3537 Dec 31 j 21:14	0°♄		
evening max el	-3539 Jul 07 j 19:13	2°♄12'47			morning set	-3536 Jan 17 j 02:46	20°♄06'50		
	-3539 Jul 18 j 18:26	13°♄16'30	46°39'24			-3536 Jan 25 j 02:34	0°♄		
	-3539 Aug 06 j 08:52	0°♄				-3536 Feb 18 j 09:59	0°♄		
greatest brilliancy	-3539 Aug 28 j 20:28	13°♄24'28	-4.9m						
retrograde	-3539 Sep 06 j 19:19	14°♄54'53			superior conj	-3536 Feb 25 j 05:54	8°♄24'49	-1°22'15	
evening set	-3539 Sep 23 j 08:48	9°♄40'01			minimum elong	-3536 Feb 25 j 09:31	8°♄35'57	1°22'19	
inferior conj	-3539 Sep 27 j 10:18	7°♄15'19	-7°02'22		max. Earth dist.	-3536 Feb 27 j 00:40	10°♄36'27	1.73315 AU	
minimum elong	-3539 Sep 27 j 20:57	6°♄59'12	7°00'09			-3536 Mar 13 j 19:06	0°♄		
min. Earth dist.	-3539 Sep 27 j 19:39	7°♄01'10	0.26546 AU		evening rise	-3536 Apr 02 j 09:45	24°♄04'11		
morning rise	-3539 Oct 02 j 08:52	4°♄20'35				-3536 Apr 07 j 05:51	0°♄		
	-3539 Oct 13 j 14:32	30°♄♄			asc. node	-3536 Apr 14 j 12:51	8°♄55'46		
direct	-3539 Oct 17 j 18:30	29°♄38'20				-3536 May 01 j 18:15	0°♄		
	-3539 Oct 22 j 00:27	0°♄				-3536 May 26 j 08:30	0°♄		
greatest brilliancy	-3539 Oct 28 j 09:27	1°♄47'14	-4.9m			-3536 Jun 20 j 01:30	0°♄		
asc. node	-3539 Oct 28 j 17:28	1°♄55'04				-3536 Jul 14 j 23:27	0°♄		
	-3539 Dec 04 j 09:27	0°♄			desc. node	-3536 Aug 04 j 07:11	24°♄08'57		
morning max el	-3539 Dec 07 j 09:57	3°♄01'59	46°45'33			-3536 Aug 09 j 06:42	0°♄		
	-3538 Jan 01 j 12:28	0°♄				-3536 Sep 04 j 08:28	0°♄		
	-3538 Jan 27 j 18:30	0°♄			evening max el	-3536 Sep 30 j 00:18	27°♄38'22	47°34'47	
desc. node	-3538 Feb 17 j 13:40	24°♄20'51				-3536 Oct 02 j 08:29	0°♄		
	-3538 Feb 22 j 08:38	0°♄			greatest brilliancy	-3536 Nov 09 j 15:09	29°♄23'13	-4.9m	
	-3538 Mar 19 j 14:36	0°♄				-3536 Nov 11 j 08:37	0°♄		
	-3538 Apr 13 j 14:37	0°♄			retrograde	-3536 Nov 20 j 01:59	1°♄28'46		

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3536 Nov 25 j 04:59	0°♊55'31		minimum elong	-3533 May 04 j 06:56	13°♊44'59	0°20'32
	-3536 Nov 28 j 10:54	30°♋♌		asc. node	-3533 May 13 j 01:02	24°♊30'40	
evening set	-3536 Dec 04 j 19:19	27°♌03'21			-3533 May 17 j 12:04	0°♋	
min. Earth dist.	-3536 Dec 09 j 18:26	24°♌04'22	0.27082 AU	evening rise	-3533 Jun 08 j 18:04	27°♋26'27	
inferior conj	-3536 Dec 10 j 19:25	23°♌25'10	3°47'41		-3533 Jun 10 j 19:48	0°♌	
minimum elong	-3536 Dec 10 j 11:55	23°♌36'56	3°45'29		-3533 Jul 05 j 01:48	0°♍	
morning rise	-3536 Dec 16 j 05:30	20°♌09'18			-3533 Jul 29 j 07:23	0°♎	
direct	-3536 Dec 31 j 07:30	15°♌38'07			-3533 Aug 22 j 14:31	0°♏	
greatest brilliancy	-3535 Jan 09 j 05:23	17°♌08'44	-4.8m	desc. node	-3533 Sep 01 j 19:25	12°♏33'03	
	-3535 Jan 30 j 22:40	0°♊			-3533 Sep 16 j 01:24	0°♐	
morning max el	-3535 Feb 18 j 14:31	16°♊36'45	46°08'25		-3533 Oct 10 j 19:13	0°♑	
	-3535 Mar 03 j 22:07	0°♋			-3533 Nov 05 j 02:55	0°♒	
desc. node	-3535 Mar 17 j 01:22	13°♋57'27			-3533 Dec 01 j 20:09	0°♓	
	-3535 Mar 31 j 14:45	0°♌		evening max el	-3533 Dec 10 j 22:45	9°♓30'14	46°41'32
	-3535 Apr 26 j 21:37	0°♍		asc. node	-3533 Dec 23 j 16:39	21°♓46'38	
	-3535 May 22 j 10:02	0°♎			-3532 Jan 02 j 11:30	0°♔	
	-3535 Jun 16 j 09:10	0°♏		greatest brilliancy	-3532 Jan 19 j 12:53	10°♔14'08	-4.8m
asc. node	-3535 Jul 07 j 23:04	26°♏23'11		retrograde	-3532 Jan 30 j 08:11	12°♔26'11	
	-3535 Jul 10 j 21:23	0°♌		evening set	-3532 Feb 17 j 04:13	6°♔16'35	
	-3535 Aug 04 j 00:46	0°♍		inferior conj	-3532 Feb 20 j 16:59	4°♔02'36	8°15'49
morning set	-3535 Aug 14 j 11:45	13°♍06'18		minimum elong	-3532 Feb 20 j 18:58	3°♔59'25	8°15'39
	-3535 Aug 27 j 22:09	0°♎		min. Earth dist.	-3532 Feb 20 j 11:11	4°♔11'54	0.29059 AU
	-3535 Sep 20 j 16:51	0°♏		morning rise	-3532 Feb 24 j 09:53	1°♔42'22	
					-3532 Feb 27 j 08:00	30°♋♓	
superior conj	-3535 Sep 22 j 12:38	2°♏18'07	1°10'06	direct	-3532 Mar 13 j 02:57	25°♓41'53	
minimum elong	-3535 Sep 22 j 22:50	2°♏50'18	1°09'52	greatest brilliancy	-3532 Mar 22 j 13:51	27°♓19'06	-4.7m
max. Earth dist.	-3535 Sep 22 j 22:56	2°♏50'36	1.70909 AU		-3532 Mar 28 j 23:31	0°♔	
	-3535 Oct 14 j 11:48	0°♐		desc. node	-3532 Apr 13 j 12:41	10°♔12'49	
desc. node	-3535 Oct 27 j 17:51	16°♐40'00		morning max el	-3532 Apr 30 j 21:19	25°♔24'15	45°48'17
evening rise	-3535 Nov 03 j 12:12	25°♐09'34			-3532 May 05 j 15:18	0°♕	
	-3535 Nov 07 j 08:50	0°♑			-3532 Jun 03 j 04:37	0°♖	
	-3535 Dec 01 j 08:50	0°♒			-3532 Jun 29 j 13:41	0°♗	
	-3535 Dec 25 j 12:47	0°♓			-3532 Jul 24 j 19:42	0°♘	
	-3534 Jan 18 j 22:45	0°♔		asc. node	-3532 Aug 04 j 11:06	12°♘55'45	
	-3534 Feb 12 j 18:34	0°♕			-3532 Aug 18 j 08:16	0°♙	
asc. node	-3534 Feb 17 j 14:28	5°♕45'20			-3532 Sep 11 j 09:46	0°♚	
	-3534 Mar 10 j 06:32	0°♖			-3532 Oct 05 j 05:41	0°♛	
	-3534 Apr 05 j 22:24	0°♗		morning set	-3532 Oct 28 j 11:01	29°♛17'33	
evening max el	-3534 May 04 j 06:08	29°♗08'41	45°18'55		-3532 Oct 29 j 00:29	0°♜	
	-3534 May 05 j 03:47	0°♘			-3532 Nov 21 j 20:56	0°♝	
desc. node	-3534 Jun 09 j 09:43	25°♘54'46		desc. node	-3532 Nov 24 j 05:56	2°♝58'42	
greatest brilliancy	-3534 Jun 11 j 20:44	26°♘50'42	-4.7m				
retrograde	-3534 Jun 21 j 20:28	28°♘37'53		superior conj	-3532 Dec 09 j 16:30	22°♝18'47	-0°34'58
evening set	-3534 Jul 07 j 22:14	23°♘48'55		minimum elong	-3532 Dec 09 j 07:48	21°♝51'33	0°34'42
inferior conj	-3534 Jul 13 j 00:29	20°♘48'41	-6°58'14	max. Earth dist.	-3532 Dec 14 j 08:35	28°♝08'47	1.71694 AU
minimum elong	-3534 Jul 12 j 14:21	21°♘04'06	6°56'14		-3532 Dec 15 j 20:13	0°♞	
min. Earth dist.	-3534 Jul 13 j 08:14	20°♘36'53	0.27897 AU		-3531 Jan 08 j 22:36	0°♟	
morning rise	-3534 Jul 17 j 06:02	18°♘16'29		evening rise	-3531 Jan 19 j 14:01	13°♟11'33	
direct	-3534 Aug 03 j 06:26	12°♘49'06			-3531 Feb 02 j 04:27	0°♠	
greatest brilliancy	-3534 Aug 14 j 06:58	15°♘02'02	-4.8m		-3531 Feb 26 j 14:38	0°♡	
	-3534 Sep 06 j 06:12	0°♙		asc. node	-3531 Mar 17 j 02:41	22°♡32'11	
morning max el	-3534 Sep 22 j 16:43	15°♙27'42	46°46'01		-3531 Mar 23 j 06:39	0°♢	
asc. node	-3534 Sep 30 j 08:11	23°♙24'52			-3531 Apr 17 j 06:24	0°♣	
	-3534 Oct 06 j 10:30	0°♚			-3531 May 12 j 16:55	0°♤	
	-3534 Nov 01 j 16:10	0°♛			-3531 Jun 07 j 20:46	0°♥	
	-3534 Nov 26 j 17:09	0°♜			-3531 Jul 05 j 12:12	0°♦	
	-3534 Dec 21 j 08:43	0°♝		desc. node	-3531 Jul 06 j 21:25	1°♦25'45	
	-3533 Jan 14 j 22:11	0°♞		evening max el	-3531 Jul 16 j 07:48	10°♦53'40	46°36'20
desc. node	-3533 Jan 20 j 03:57	6°♞24'06			-3531 Aug 07 j 00:46	0°♧	
	-3533 Feb 08 j 11:44	0°♟		greatest brilliancy	-3531 Aug 26 j 07:43	10°♧54'23	-4.9m
	-3533 Mar 05 j 01:21	0°♠		retrograde	-3531 Sep 04 j 07:35	12°♧25'15	
morning set	-3533 Mar 29 j 01:06	29°♠19'22		evening set	-3531 Sep 21 j 00:05	7°♧05'17	
	-3533 Mar 29 j 14:23	0°♡		inferior conj	-3531 Sep 24 j 22:13	4°♧45'28	-7°17'02
	-3533 Apr 23 j 02:10	0°♢		minimum elong	-3531 Sep 25 j 08:40	4°♧29'40	7°14'59
max. Earth dist.	-3533 May 01 j 19:05	10°♢41'12	1.73650 AU	min. Earth dist.	-3531 Sep 25 j 07:50	4°♧30'55	0.26583 AU
				morning rise	-3531 Sep 29 j 17:04	1°♧56'13	
superior conj	-3533 May 04 j 02:58	13°♢32'48	-0°20'45		-3531 Oct 03 j 11:18	30°♧♉	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

direct	-3531 Oct 15 j 07:34	27°Ω08'00		-3528 May 01 j 05:32	0°♄	
greatest brilliancy	-3531 Oct 25 j 22:20	29°Ω17'16	-4.9m	-3528 May 25 j 20:09	0°♄	
asc. node	-3531 Oct 27 j 19:34	0°♍04'16		-3528 Jun 19 j 13:44	0°♄	
	-3531 Oct 27 j 15:41	0°♍		-3528 Jul 14 j 12:35	0°Ω	
	-3531 Dec 04 j 09:28	0°♄		desc. node	-3528 Aug 03 j 09:19	23°Ω33'21
morning max el	-3531 Dec 05 j 00:36	0°♄38'21	46°46'29	-3528 Aug 08 j 21:17	0°♍	
	-3530 Jan 01 j 05:23	0°♍		-3528 Sep 04 j 01:48	0°♄	
	-3530 Jan 27 j 08:45	0°♄		evening max el	-3528 Sep 27 j 15:05	25°♄15'09 47°34'38
desc. node	-3530 Feb 16 j 15:53	23°♄48'48		-3528 Oct 02 j 09:07	0°♍	
	-3530 Feb 21 j 21:28	0°♄		greatest brilliancy	-3528 Nov 07 j 06:55	26°♍58'44 -4.9m
	-3530 Mar 19 j 02:36	0°♄		retrograde	-3528 Nov 17 j 15:43	29°♍02'14
	-3530 Apr 13 j 02:05	0°♄		asc. node	-3528 Nov 24 j 07:06	28°♍06'43
	-3530 May 07 j 20:13	0°♄		evening set	-3528 Dec 02 j 07:49	24°♍39'52
	-3530 Jun 01 j 08:47	0°♄		min. Earth dist.	-3528 Dec 07 j 09:04	21°♍37'54 0.27012 AU
morning set	-3530 Jun 03 j 21:01	3°♄05'09		inferior conj	-3528 Dec 08 j 09:08	21°♍00'10 3°27'20
asc. node	-3530 Jun 09 j 13:11	10°♄04'23		minimum elong	-3528 Dec 08 j 02:10	21°♍11'06 3°25'14
	-3530 Jun 25 j 15:46	0°♄		morning rise	-3528 Dec 13 j 21:26	17°♍41'07
max. Earth dist.	-3530 Jul 05 j 21:21	12°♄42'52	1.72359 AU	direct	-3528 Dec 28 j 20:27	13°♍14'24
				greatest brilliancy	-3527 Jan 06 j 19:45	14°♍45'55 -4.8m
superior conj	-3530 Jul 10 j 05:04	18°♄05'48	1°03'47	-3527 Jan 31 j 10:07	0°♄	
minimum elong	-3530 Jul 09 j 20:17	17°♄38'27	1°03'38	morning max el	-3527 Feb 16 j 03:33	14°♄15'06 46°09'37
	-3530 Jul 19 j 17:57	0°♄		-3527 Mar 03 j 17:08	0°♄	
	-3530 Aug 12 j 17:02	0°Ω		desc. node	-3527 Mar 16 j 03:23	13°♄17'35
evening rise	-3530 Aug 16 j 08:19	4°Ω33'40		-3527 Mar 31 j 05:39	0°♄	
	-3530 Sep 05 j 15:15	0°♍		-3527 Apr 26 j 10:42	0°♄	
desc. node	-3530 Sep 29 j 07:37	29°♍38'07		-3527 May 21 j 22:10	0°♄	
	-3530 Sep 29 j 14:38	0°♄		-3527 Jun 15 j 20:48	0°♄	
	-3530 Oct 23 j 16:46	0°♍		asc. node	-3527 Jul 07 j 01:19	25°♄55'05
	-3530 Nov 16 j 23:24	0°♄		-3527 Jul 10 j 08:44	0°♄	
	-3530 Dec 11 j 14:06	0°♄		-3527 Aug 03 j 12:01	0°♄	
	-3529 Jan 05 j 20:39	0°♄		morning set	-3527 Aug 12 j 02:12	10°♄45'41
asc. node	-3529 Jan 20 j 04:35	16°♄24'13		-3527 Aug 27 j 09:24	0°Ω	
	-3529 Feb 01 j 13:02	0°♄				
evening max el	-3529 Feb 19 j 23:23	18°♄55'05	45°22'59	superior conj	-3527 Sep 20 j 00:01	29°Ω46'52 1°12'08
	-3529 Mar 04 j 02:42	0°♄		minimum elong	-3527 Sep 20 j 09:44	0°♍17'32 1°11'57
greatest brilliancy	-3529 Mar 29 j 14:34	16°♄30'40	-4.7m	max. Earth dist.	-3527 Sep 20 j 00:25	29°Ω48'08 1.70928 AU
retrograde	-3529 Apr 09 j 09:20	18°♄35'04		-3527 Sep 20 j 04:11	0°♍	
evening set	-3529 Apr 24 j 19:43	14°♄01'17		-3527 Oct 13 j 23:13	0°♄	
inferior conj	-3529 Apr 30 j 19:30	10°♄25'26	2°32'17	desc. node	-3527 Oct 26 j 19:52	16°♄10'28
minimum elong	-3529 May 01 j 00:47	10°♄17'11	2°30'51	evening rise	-3527 Oct 31 j 20:39	22°♄29'34
min. Earth dist.	-3529 May 01 j 10:46	10°♄01'35	0.29040 AU	-3527 Nov 06 j 20:18	0°♍	
morning rise	-3529 May 07 j 05:31	6°♄34'39		-3527 Nov 30 j 20:22	0°♄	
desc. node	-3529 May 12 j 00:09	4°♄16'13		-3527 Dec 25 j 00:26	0°♄	
direct	-3529 May 22 j 15:25	2°♄03'28		-3526 Jan 18 j 10:42	0°♄	
greatest brilliancy	-3529 Jun 02 j 11:41	4°♄10'07	-4.7m	-3526 Feb 12 j 07:07	0°♄	
	-3529 Jul 08 j 07:16	0°♄		asc. node	-3526 Feb 16 j 16:34	5°♄13'49
morning max el	-3529 Jul 10 j 23:17	2°♄33'46	46°08'10	-3526 Mar 09 j 20:17	0°♄	
	-3529 Aug 06 j 03:10	0°♄		-3526 Apr 05 j 14:48	0°♄	
	-3529 Sep 01 j 04:10	0°♄		evening max el	-3526 May 01 j 19:57	26°♄51'45 45°17'33
asc. node	-3529 Sep 01 j 22:49	0°♄55'21		-3526 May 05 j 04:11	0°♄	
	-3529 Sep 25 j 23:50	0°Ω		desc. node	-3526 Jun 08 j 11:54	24°♄13'13
	-3529 Oct 20 j 05:22	0°♍		greatest brilliancy	-3526 Jun 09 j 09:17	24°♄32'23 -4.7m
	-3529 Nov 13 j 05:42	0°♄		retrograde	-3526 Jun 19 j 10:15	26°♄21'01
	-3529 Dec 07 j 06:03	0°♍		evening set	-3526 Jul 05 j 08:54	21°♄36'00
desc. node	-3529 Dec 22 j 18:05	19°♍18'07		inferior conj	-3526 Jul 10 j 14:43	18°♄31'05 -6°44'13
	-3529 Dec 31 j 08:42	0°♄		minimum elong	-3526 Jul 10 j 04:26	18°♄46'43 6°42'06
morning set	-3528 Jan 14 j 14:49	17°♄40'31		min. Earth dist.	-3526 Jul 10 j 22:37	18°♄19'03 0.27942 AU
	-3528 Jan 24 j 13:51	0°♄		morning rise	-3526 Jul 14 j 23:29	15°♄54'21
	-3528 Feb 17 j 21:07	0°♄		direct	-3526 Jul 31 j 20:55	10°♄30'22
				greatest brilliancy	-3526 Aug 11 j 22:48	12°♄44'26 -4.8m
superior conj	-3528 Feb 22 j 21:43	6°♄11'27	-1°22'50	-3526 Sep 06 j 13:37	0°♄	
minimum elong	-3528 Feb 23 j 00:38	6°♄20'28	1°22'56	morning max el	-3526 Sep 20 j 06:43	13°♄04'09 46°45'08
max. Earth dist.	-3528 Feb 24 j 21:32	8°♄38'43	1.73272 AU	asc. node	-3526 Sep 29 j 10:17	22°♄37'08
	-3528 Mar 13 j 06:09	0°♄		-3526 Oct 06 j 05:00	0°Ω	
evening rise	-3528 Mar 31 j 03:48	21°♄58'27		-3526 Nov 01 j 07:16	0°♍	
	-3528 Apr 06 j 16:57	0°♄		-3526 Nov 26 j 06:45	0°♄	
asc. node	-3528 Apr 13 j 14:53	8°♄27'59		-3526 Dec 20 j 21:25	0°♍	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3525 Jan 14 j 10:16	0°♊		evening max el	-3523 Jul 13 j 21:53	8°♊32'36	46°33'16
desc. node	-3525 Jan 19 j 06:10	5°♊54'13			-3523 Aug 07 j 21:52	0°♐	
	-3525 Feb 07 j 23:22	0°♊		greatest brilliancy	-3523 Aug 23 j 19:04	8°♐25'06	-4.9m
	-3525 Mar 04 j 12:40	0°♊		retrograde	-3523 Sep 01 j 19:51	9°♐56'10	
morning set	-3525 Mar 26 j 18:48	27°♊12'40		evening set	-3523 Sep 18 j 15:30	4°♐31'36	
	-3525 Mar 29 j 01:30	0°♋		inferior conj	-3523 Sep 22 j 10:17	2°♐16'28	-7°30'44
	-3525 Apr 22 j 13:11	0°♋		minimum elong	-3523 Sep 22 j 20:26	2°♐01'07	7°28'52
max. Earth dist.	-3525 Apr 29 j 17:01	8°♋47'21	1.73669 AU	min. Earth dist.	-3523 Sep 22 j 20:01	2°♐01'45	0.26615 AU
					-3523 Sep 26 j 06:03	30°♋♏	
superior conj	-3525 May 01 j 21:51	11°♋29'36	-0°23'41	morning rise	-3523 Sep 27 j 01:13	29°♏32'47	
minimum elong	-3525 May 02 j 02:21	11°♋43'25	0°23'28	direct	-3523 Oct 12 j 20:53	24°♏38'52	
asc. node	-3525 May 12 j 03:11	24°♋03'26		greatest brilliancy	-3523 Oct 23 j 10:57	26°♏47'47	-4.9m
	-3525 May 16 j 23:05	0°♌		asc. node	-3523 Oct 26 j 21:41	28°♏18'32	
evening rise	-3525 Jun 06 j 13:24	25°♌23'43			-3523 Oct 30 j 02:19	0°♐	
	-3525 Jun 10 j 06:54	0°♌		morning max el	-3523 Dec 02 j 14:27	28°♐13'13	46°47'13
	-3525 Jul 04 j 13:07	0°♍			-3523 Dec 04 j 08:14	0°♑	
	-3525 Jul 28 j 19:03	0°♍			-3523 Dec 31 j 21:52	0°♒	
	-3525 Aug 22 j 02:38	0°♐			-3522 Jan 26 j 22:47	0°♊	
desc. node	-3525 Aug 31 j 21:27	12°♐01'28		desc. node	-3522 Feb 15 j 17:52	23°♊16'21	
	-3525 Sep 15 j 14:08	0°♑			-3522 Feb 21 j 10:12	0°♋	
	-3525 Oct 10 j 08:53	0°♒			-3522 Mar 18 j 14:31	0°♌	
	-3525 Nov 04 j 18:15	0°♊			-3522 Apr 12 j 13:29	0°♋	
	-3525 Dec 01 j 15:31	0°♋			-3522 May 07 j 07:17	0°♋	
evening max el	-3525 Dec 08 j 14:11	7°♋12'31	46°44'39		-3522 May 31 j 19:41	0°♌	
asc. node	-3525 Dec 22 j 18:56	20°♋47'52		morning set	-3522 Jun 01 j 15:28	1°♌00'48	
	-3524 Jan 03 j 03:25	0°♌		asc. node	-3522 Jun 08 j 15:23	9°♌37'39	
greatest brilliancy	-3524 Jan 17 j 05:05	8°♌01'23	-4.8m		-3522 Jun 25 j 02:39	0°♍	
retrograde	-3524 Jan 28 j 01:28	10°♌14'46		max. Earth dist.	-3522 Jul 03 j 12:12	10°♍25'53	1.72421 AU
evening set	-3524 Feb 14 j 20:59	4°♌04'33					
inferior conj	-3524 Feb 18 j 09:35	1°♌50'59	8°17'58	superior conj	-3522 Jul 07 j 22:22	15°♍56'13	1°01'38
minimum elong	-3524 Feb 18 j 10:53	1°♌48'55	8°17'50	minimum elong	-3522 Jul 07 j 13:34	15°♍28'49	1°01'28
min. Earth dist.	-3524 Feb 18 j 02:19	2°♌02'37	0.29021 AU		-3522 Jul 19 j 04:55	0°♍	
	-3524 Feb 21 j 07:40	30°♋♊			-3522 Aug 12 j 04:08	0°♍	
morning rise	-3524 Feb 22 j 00:57	29°♊33'21		evening rise	-3522 Aug 13 j 22:38	2°♍13'13	
direct	-3524 Mar 10 j 18:48	23°♊30'49			-3522 Sep 05 j 02:30	0°♐	
greatest brilliancy	-3524 Mar 20 j 04:29	25°♊07'27	-4.7m	desc. node	-3522 Sep 28 j 09:41	29°♐08'52	
	-3524 Mar 30 j 14:44	0°♌			-3522 Sep 29 j 02:05	0°♑	
desc. node	-3524 Apr 12 j 14:48	9°♌10'04			-3522 Oct 23 j 04:28	0°♒	
morning max el	-3524 Apr 28 j 14:05	23°♌15'59	45°48'18		-3522 Nov 16 j 11:28	0°♊	
	-3524 May 05 j 11:57	0°♋			-3522 Dec 11 j 02:47	0°♋	
	-3524 Jun 02 j 19:54	0°♋			-3521 Jan 05 j 10:37	0°♌	
	-3524 Jun 29 j 02:57	0°♌		asc. node	-3521 Jan 19 j 06:36	15°♌47'03	
	-3524 Jul 24 j 07:58	0°♍			-3521 Feb 01 j 06:08	0°♋	
asc. node	-3524 Aug 03 j 13:10	12°♍25'19		evening max el	-3521 Feb 17 j 15:09	16°♋44'09	45°24'38
	-3524 Aug 17 j 20:01	0°♍			-3521 Mar 04 j 08:27	0°♋	
	-3524 Sep 10 j 21:15	0°♍		greatest brilliancy	-3521 Mar 27 j 07:43	14°♋24'15	-4.7m
	-3524 Oct 04 j 17:03	0°♐		retrograde	-3521 Apr 07 j 01:24	16°♋27'53	
morning set	-3524 Oct 25 j 21:21	26°♐43'16		evening set	-3521 Apr 22 j 14:11	11°♋51'30	
	-3524 Oct 28 j 11:47	0°♑		inferior conj	-3521 Apr 28 j 12:09	8°♋17'46	2°50'19
	-3524 Nov 21 j 08:11	0°♒		minimum elong	-3521 Apr 28 j 17:58	8°♋08'39	2°48'46
desc. node	-3524 Nov 23 j 08:07	2°♒30'18		min. Earth dist.	-3521 Apr 29 j 03:33	7°♋53'38	0.29068 AU
				morning rise	-3521 May 04 j 21:24	4°♋27'25	
superior conj	-3524 Dec 07 j 02:00	19°♒43'18	-0°31'21	desc. node	-3521 May 11 j 02:19	1°♋35'39	
minimum elong	-3524 Dec 06 j 18:01	19°♒18'19	0°31'05		-3521 May 18 j 08:44	30°♋♋	
max. Earth dist.	-3524 Dec 11 j 17:43	25°♒32'27	1.71643 AU	direct	-3521 May 20 j 08:08	29°♋55'28	
	-3524 Dec 15 j 07:26	0°♊			-3521 May 22 j 07:58	0°♋	
	-3523 Jan 08 j 09:47	0°♋		greatest brilliancy	-3521 May 31 j 03:35	2°♋00'58	-4.7m
evening rise	-3523 Jan 17 j 02:47	10°♋47'55			-3521 Jul 08 j 06:00	0°♌	
	-3523 Feb 01 j 15:38	0°♌		morning max el	-3521 Jul 08 j 14:08	0°♌19'42	46°06'49
	-3523 Feb 26 j 01:57	0°♋			-3521 Aug 05 j 19:04	0°♍	
asc. node	-3523 Mar 16 j 04:44	22°♋03'31			-3521 Aug 31 j 17:47	0°♍	
	-3523 Mar 22 j 18:16	0°♋		asc. node	-3521 Sep 01 j 00:52	0°♍21'02	
	-3523 Apr 16 j 18:38	0°♌			-3521 Sep 25 j 12:23	0°♍	
	-3523 May 12 j 06:18	0°♍			-3521 Oct 19 j 17:19	0°♐	
	-3523 Jun 07 j 12:21	0°♍			-3521 Nov 12 j 17:17	0°♑	
	-3523 Jul 05 j 08:49	0°♍			-3521 Dec 06 j 17:23	0°♒	
desc. node	-3523 Jul 05 j 23:36	0°♍37'47		desc. node	-3521 Dec 21 j 20:15	18°♒50'08	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3521 Dec 30 j 19:47	0°♊		minimum elong	-3518 Jul 07 j 18:42	16°♊30'36	6°27'23
morning set	-3520 Jan 12 j 03:06	15°♊15'59		min. Earth dist.	-3518 Jul 08 j 12:50	16°♊03'03	0.27988 AU
	-3520 Jan 24 j 00:46	0°♊		morning rise	-3518 Jul 12 j 17:04	13°♊33'43	
	-3520 Feb 17 j 07:53	0°♊		direct	-3518 Jul 29 j 12:01	8°♊13'10	
				greatest brilliancy	-3518 Aug 09 j 14:15	10°♊27'51	-4.8m
superior conj	-3520 Feb 20 j 13:39	3°♊59'33	-1°23'18		-3518 Sep 06 j 18:24	0°♊	
minimum elong	-3520 Feb 20 j 15:51	4°♊06'21	1°23'23	morning max el	-3518 Sep 17 j 21:37	10°♊44'18	46°44'11
max. Earth dist.	-3520 Feb 22 j 17:47	6°♊40'07	1.73231 AU	asc. node	-3518 Sep 28 j 12:30	21°♊51'28	
	-3520 Mar 12 j 16:54	0°♋			-3518 Oct 05 j 22:41	0°♋	
evening rise	-3520 Mar 28 j 21:49	19°♋53'26			-3518 Oct 31 j 21:50	0°♋	
	-3520 Apr 06 j 03:45	0°♋			-3518 Nov 25 j 19:52	0°♋	
asc. node	-3520 Apr 12 j 17:03	8°♋01'28			-3518 Dec 20 j 09:42	0°♋	
	-3520 Apr 30 j 16:32	0°♋			-3517 Jan 13 j 21:58	0°♋	
	-3520 May 25 j 07:32	0°♋		desc. node	-3517 Jan 18 j 08:07	5°♋24'40	
	-3520 Jun 19 j 01:42	0°♋			-3517 Feb 07 j 10:38	0°♋	
	-3520 Jul 14 j 01:30	0°♋			-3517 Mar 03 j 23:36	0°♋	
desc. node	-3520 Aug 02 j 11:19	22°♋58'00		morning set	-3517 Mar 24 j 12:49	25°♋08'02	
	-3520 Aug 08 j 11:43	0°♌			-3517 Mar 28 j 12:13	0°♌	
	-3520 Sep 03 j 19:09	0°♌			-3517 Apr 21 j 23:47	0°♌	
evening max el	-3520 Sep 25 j 04:57	22°♌50'28	47°34'21	max. Earth dist.	-3517 Apr 27 j 17:01	7°♌01'07	1.73687 AU
	-3520 Oct 02 j 10:36	0°♌					
greatest brilliancy	-3520 Nov 04 j 22:58	24°♌35'23	-4.9m	superior conj	-3517 Apr 29 j 17:01	9°♌28'31	-0°26'34
retrograde	-3520 Nov 15 j 05:18	26°♌36'51		minimum elong	-3517 Apr 29 j 22:02	9°♌43'55	0°26'20
asc. node	-3520 Nov 23 j 09:20	25°♌13'15		asc. node	-3517 May 11 j 05:22	23°♌37'37	
evening set	-3520 Nov 29 j 20:30	22°♌16'59			-3517 May 16 j 09:42	0°♌	
min. Earth dist.	-3520 Dec 04 j 24:00	19°♌12'11	0.26943 AU	evening rise	-3517 Jun 04 j 09:00	23°♌23'00	
inferior conj	-3520 Dec 05 j 22:52	18°♌36'21	3°06'32		-3517 Jun 09 j 17:40	0°♌	
minimum elong	-3520 Dec 05 j 16:29	18°♌46'22	3°04'33		-3517 Jul 04 j 00:08	0°♌	
morning rise	-3520 Dec 11 j 13:18	15°♌14'20			-3517 Jul 28 j 06:26	0°♌	
direct	-3520 Dec 26 j 08:57	10°♌51'39			-3517 Aug 21 j 14:30	0°♌	
greatest brilliancy	-3519 Jan 04 j 10:32	12°♌24'47	-4.8m	desc. node	-3517 Aug 30 j 23:33	11°♌30'49	
	-3519 Jan 31 j 17:57	0°♌			-3517 Sep 15 j 02:39	0°♌	
morning max el	-3519 Feb 13 j 16:35	11°♌54'42	46°11'00		-3517 Oct 09 j 22:21	0°♌	
	-3519 Mar 03 j 11:06	0°♍			-3517 Nov 04 j 09:30	0°♍	
desc. node	-3519 Mar 15 j 05:32	12°♍39'56			-3517 Dec 01 j 11:08	0°♍	
	-3519 Mar 30 j 19:53	0°♍		evening max el	-3517 Dec 06 j 06:26	4°♍57'37	46°47'41
	-3519 Apr 25 j 23:17	0°♍		asc. node	-3517 Dec 21 j 20:59	19°♍48'00	
	-3519 May 21 j 09:54	0°♎			-3516 Jan 04 j 00:26	0°♍	
	-3519 Jun 15 j 08:03	0°♎		greatest brilliancy	-3516 Jan 14 j 21:11	5°♍49'09	-4.8m
asc. node	-3519 Jul 06 j 03:23	25°♎27'31		retrograde	-3516 Jan 25 j 18:56	8°♍03'48	
	-3519 Jul 09 j 19:44	0°♎		evening set	-3516 Feb 12 j 13:30	1°♍53'31	
	-3519 Aug 02 j 22:54	0°♎		min. Earth dist.	-3516 Feb 15 j 17:09	29°♍54'16	0.28975 AU
morning set	-3519 Aug 09 j 16:46	8°♎26'43			-3516 Feb 15 j 13:34	30°♍	
	-3519 Aug 26 j 20:18	0°♎		inferior conj	-3516 Feb 16 j 02:09	29°♍39'54	8°19'30
				minimum elong	-3516 Feb 16 j 02:44	29°♍38'57	8°19'23
superior conj	-3519 Sep 17 j 11:32	27°♎17'09	1°14'00	morning rise	-3516 Feb 19 j 16:11	27°♍24'29	
minimum elong	-3519 Sep 17 j 20:42	27°♎46'07	1°13'52	direct	-3516 Mar 08 j 11:06	21°♍20'35	
max. Earth dist.	-3519 Sep 17 j 05:31	26°♎58'10	1.70953 AU	greatest brilliancy	-3516 Mar 17 j 18:30	22°♍55'56	-4.7m
	-3519 Sep 19 j 15:09	0°♏			-3516 Mar 31 j 17:34	0°♍	
	-3519 Oct 13 j 10:16	0°♏		desc. node	-3516 Apr 11 j 16:57	8°♍09'51	
desc. node	-3519 Oct 25 j 22:03	15°♏42'30		morning max el	-3516 Apr 26 j 06:57	21°♍09'07	45°48'27
evening rise	-3519 Oct 29 j 05:13	19°♏51'00			-3516 May 05 j 07:31	0°♍	
	-3519 Nov 06 j 07:26	0°♏			-3516 Jun 02 j 10:36	0°♎	
	-3519 Nov 30 j 07:34	0°♏			-3516 Jun 28 j 15:45	0°♏	
	-3519 Dec 24 j 11:45	0°♏			-3516 Jul 23 j 19:54	0°♏	
	-3518 Jan 17 j 22:16	0°♏		asc. node	-3516 Aug 02 j 15:14	11°♏55'48	
	-3518 Feb 11 j 19:16	0°♏			-3516 Aug 17 j 07:31	0°♏	
asc. node	-3518 Feb 15 j 18:39	4°♏43'34			-3516 Sep 10 j 08:33	0°♏	
	-3518 Mar 09 j 09:39	0°♏			-3516 Oct 04 j 04:15	0°♏	
	-3518 Apr 05 j 06:58	0°♏		morning set	-3516 Oct 23 j 07:33	24°♏09'01	
evening max el	-3518 Apr 29 j 10:29	24°♏38'01	45°16'10		-3516 Oct 27 j 22:55	0°♏	
	-3518 May 05 j 05:15	0°♏			-3516 Nov 20 j 19:15	0°♏	
greatest brilliancy	-3518 Jun 06 j 21:31	22°♏15'12	-4.7m	desc. node	-3516 Nov 22 j 10:12	2°♏02'09	
desc. node	-3518 Jun 07 j 14:04	22°♏29'09					
retrograde	-3518 Jun 17 j 00:41	24°♏05'42		superior conj	-3516 Dec 04 j 11:10	17°♏07'14	-0°27'38
evening set	-3518 Jul 02 j 19:52	19°♏24'22		minimum elong	-3516 Dec 04 j 03:59	16°♏44'45	0°27'24
inferior conj	-3518 Jul 08 j 05:03	16°♏14'52	-6°29'36	max. Earth dist.	-3516 Dec 09 j 05:27	23°♏04'36	1.71592 AU

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3516 Dec 14 j 18:27	0°♊		greatest brilliancy	-3513 May 28 j 19:56	29°♋51'57	-4.7m
	-3515 Jan 07 j 20:48	0°♋			-3513 May 29 j 04:32	0°♌	
evening rise	-3515 Jan 14 j 15:21	8°♋24'05		morning max el	-3513 Jul 06 j 04:56	28°♌05'18	46°05'48
	-3515 Feb 01 j 02:41	0°♌			-3513 Jul 08 j 03:57	0°♍	
	-3515 Feb 25 j 13:06	0°♎			-3513 Aug 05 j 10:46	0°♎	
asc. node	-3515 Mar 15 j 06:58	21°♎35'51		asc. node	-3513 Aug 31 j 03:08	29°♏47'32	
	-3515 Mar 22 j 05:43	0°♏			-3513 Aug 31 j 07:19	0°♐	
	-3515 Apr 16 j 06:42	0°♐			-3513 Sep 25 j 00:55	0°♑	
	-3515 May 11 j 19:32	0°♒			-3513 Oct 19 j 05:20	0°♒	
	-3515 Jun 07 j 03:51	0°♓			-3513 Nov 12 j 05:00	0°♓	
desc. node	-3515 Jul 05 j 01:34	29°♓49'10			-3513 Dec 06 j 04:55	0°♐	
	-3515 Jul 05 j 05:51	0°♐		desc. node	-3513 Dec 20 j 22:14	18°♐20'52	
evening max el	-3515 Jul 11 j 11:36	6°♐11'28	46°29'55		-3513 Dec 30 j 07:08	0°♑	
	-3515 Aug 09 j 02:16	0°♒		morning set	-3512 Jan 09 j 14:38	12°♑48'03	
greatest brilliancy	-3515 Aug 21 j 06:40	5°♒56'39	-4.9m		-3512 Jan 23 j 11:56	0°♋	
retrograde	-3515 Aug 30 j 07:34	7°♒27'17			-3512 Feb 16 j 18:55	0°♌	
evening set	-3515 Sep 16 j 06:50	1°♒58'22					
inferior conj	-3515 Sep 19 j 22:19	29°♑47'44	-7°43'33	superior conj	-3512 Feb 18 j 05:01	1°♌45'02	-1°23'37
minimum elong	-3515 Sep 20 j 08:05	29°♑32'57	7°41'52	minimum elong	-3512 Feb 18 j 06:26	1°♌49'26	1°23'44
	-3515 Sep 19 j 14:13	30°♑♑		max. Earth dist.	-3512 Feb 20 j 11:53	4°♌34'03	1.73185 AU
min. Earth dist.	-3515 Sep 20 j 08:21	29°♑32'32	0.26654 AU		-3512 Mar 12 j 03:53	0°♎	
morning rise	-3515 Sep 24 j 09:13	27°♑09'32		evening rise	-3512 Mar 26 j 15:25	17°♎46'26	
direct	-3515 Oct 10 j 09:51	22°♑09'52			-3512 Apr 05 j 14:49	0°♏	
greatest brilliancy	-3515 Oct 20 j 23:55	24°♑18'29	-4.9m	asc. node	-3512 Apr 11 j 19:12	7°♏34'05	
asc. node	-3515 Oct 25 j 23:54	26°♑36'42			-3512 Apr 30 j 03:49	0°♐	
	-3515 Oct 31 j 15:59	0°♒			-3512 May 24 j 19:11	0°♒	
morning max el	-3515 Nov 30 j 03:16	25°♒45'04	46°47'55		-3512 Jun 18 j 13:57	0°♓	
	-3515 Dec 04 j 06:12	0°♓			-3512 Jul 13 j 14:39	0°♑	
	-3515 Dec 31 j 14:06	0°♐		desc. node	-3512 Aug 01 j 13:31	22°♑22'40	
	-3514 Jan 26 j 12:41	0°♑			-3512 Aug 08 j 02:27	0°♒	
desc. node	-3514 Feb 14 j 20:01	22°♑44'39			-3512 Sep 03 j 13:00	0°♓	
	-3514 Feb 20 j 22:50	0°♋		evening max el	-3512 Sep 22 j 18:01	20°♓23'32	47°33'53
	-3514 Mar 18 j 02:22	0°♌			-3512 Oct 02 j 13:40	0°♐	
	-3514 Apr 12 j 00:49	0°♎		greatest brilliancy	-3512 Nov 02 j 14:25	22°♐10'14	-4.9m
	-3514 May 06 j 18:17	0°♏		retrograde	-3512 Nov 12 j 18:44	24°♐10'16	
morning set	-3514 May 30 j 10:17	28°♏57'48		asc. node	-3512 Nov 22 j 11:24	22°♐12'58	
	-3514 May 31 j 06:32	0°♐		evening set	-3512 Nov 27 j 09:07	19°♐52'05	
asc. node	-3514 Jun 07 j 17:27	9°♐10'42		min. Earth dist.	-3512 Dec 02 j 14:41	16°♐44'54	0.26886 AU
	-3514 Jun 24 j 13:28	0°♒		inferior conj	-3512 Dec 03 j 12:24	16°♐10'57	2°44'59
max. Earth dist.	-3514 Jul 01 j 04:35	8°♒14'01	1.72482 AU	minimum elong	-3512 Dec 03 j 06:40	16°♐19'56	2°43'11
				morning rise	-3512 Dec 09 j 04:56	12°♐46'15	
superior conj	-3514 Jul 05 j 16:11	13°♒48'37	0°59'25	direct	-3512 Dec 23 j 21:20	8°♐26'55	
minimum elong	-3514 Jul 05 j 07:25	13°♒21'19	0°59'15	greatest brilliancy	-3511 Jan 02 j 01:21	10°♐02'03	-4.8m
	-3514 Jul 18 j 15:48	0°♓			-3511 Feb 01 j 00:08	0°♑	
evening rise	-3514 Aug 11 j 13:32	29°♓54'54		morning max el	-3511 Feb 11 j 06:11	9°♑34'02	46°12'21
	-3514 Aug 11 j 15:10	0°♑			-3511 Mar 03 j 05:11	0°♋	
	-3514 Sep 04 j 13:45	0°♒		desc. node	-3511 Mar 14 j 07:43	12°♋01'21	
desc. node	-3514 Sep 27 j 11:52	28°♒39'44			-3511 Mar 30 j 10:25	0°♌	
	-3514 Sep 28 j 13:36	0°♓			-3511 Apr 25 j 12:12	0°♎	
	-3514 Oct 22 j 16:19	0°♐			-3511 May 20 j 21:57	0°♏	
	-3514 Nov 15 j 23:44	0°♑			-3511 Jun 14 j 19:37	0°♐	
	-3514 Dec 10 j 15:43	0°♋		asc. node	-3511 Jul 05 j 05:25	24°♐58'54	
	-3513 Jan 05 j 00:54	0°♌			-3511 Jul 09 j 07:03	0°♒	
asc. node	-3513 Jan 18 j 08:43	15°♌09'17			-3511 Aug 02 j 10:06	0°♓	
	-3513 Jan 31 j 23:49	0°♎		morning set	-3511 Aug 07 j 07:39	6°♓07'52	
evening max el	-3513 Feb 15 j 05:51	14°♎29'57	45°26'29		-3511 Aug 26 j 07:28	0°♑	
	-3513 Mar 04 j 16:48	0°♏					
greatest brilliancy	-3513 Mar 25 j 00:52	12°♏17'14	-4.7m	superior conj	-3511 Sep 14 j 23:32	24°♑48'14	1°15'43
retrograde	-3513 Apr 04 j 17:22	14°♏20'21		minimum elong	-3511 Sep 15 j 08:07	25°♑15'18	1°15'36
evening set	-3513 Apr 20 j 08:41	9°♏40'55		max. Earth dist.	-3511 Sep 14 j 14:21	24°♑19'14	1.70973 AU
inferior conj	-3513 Apr 26 j 04:46	6°♏09'41	3°08'13		-3511 Sep 19 j 02:22	0°♒	
minimum elong	-3513 Apr 26 j 11:06	5°♏59'46	3°06'33		-3511 Oct 12 j 21:34	0°♓	
min. Earth dist.	-3513 Apr 26 j 20:31	5°♏44'59	0.29093 AU	desc. node	-3511 Oct 25 j 00:07	15°♓13'29	
morning rise	-3513 May 02 j 13:06	2°♏20'04		evening rise	-3511 Oct 26 j 14:15	17°♓13'12	
	-3513 May 07 j 08:18	30°♒♎			-3511 Nov 05 j 18:48	0°♐	
desc. node	-3513 May 10 j 04:29	28°♎58'46			-3511 Nov 29 j 19:03	0°♑	
direct	-3513 May 18 j 00:20	27°♎46'52			-3511 Dec 23 j 23:25	0°♋	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3510 Jan 17 j 10:15	0°♊		asc. node	-3508 Aug 01 j 17:29	11°♊25'51	
	-3510 Feb 11 j 07:54	0°♋			-3508 Aug 16 j 19:19	0°♋	
asc. node	-3510 Feb 14 j 20:51	4°♋12'14			-3508 Sep 09 j 20:09	0°♌	
	-3510 Mar 08 j 23:37	0°♍			-3508 Oct 03 j 15:44	0°♎	
	-3510 Apr 04 j 23:58	0°♎		morning set	-3508 Oct 20 j 17:49	21°♎34'03	
evening max el	-3510 Apr 27 j 01:37	22°♎24'30	45°15'00		-3508 Oct 27 j 10:19	0°♏	
	-3510 May 05 j 08:21	0°♐			-3508 Nov 20 j 06:35	0°♑	
greatest brilliancy	-3510 Jun 04 j 09:37	19°♐56'37	-4.7m	desc. node	-3508 Nov 21 j 12:13	1°♑32'56	
desc. node	-3510 Jun 06 j 16:03	20°♐39'30					
retrograde	-3510 Jun 14 j 15:12	21°♐48'47		superior conj	-3508 Dec 01 j 20:29	14°♑30'48	-0°23'51
evening set	-3510 Jun 30 j 06:55	17°♐11'10		minimum elong	-3508 Dec 01 j 14:10	14°♑11'03	0°23'39
inferior conj	-3510 Jul 05 j 19:14	13°♐57'08	-6°14'25	max. Earth dist.	-3508 Dec 06 j 18:10	20°♑38'59	1.71534 AU
minimum elong	-3510 Jul 05 j 08:54	14°♐12'50	6°12'06		-3508 Dec 14 j 05:43	0°♒	
min. Earth dist.	-3510 Jul 06 j 02:44	13°♐45'45	0.28030 AU		-3507 Jan 07 j 08:01	0°♓	
morning rise	-3510 Jul 10 j 10:27	11°♐11'31		evening rise	-3507 Jan 12 j 04:01	5°♓59'52	
direct	-3510 Jul 27 j 03:23	5°♐54'37			-3507 Jan 31 j 13:54	0°♊	
greatest brilliancy	-3510 Aug 07 j 04:52	8°♐09'01	-4.8m		-3507 Feb 25 j 00:28	0°♋	
	-3510 Sep 06 j 21:58	0°♋		asc. node	-3507 Mar 14 j 09:03	21°♋07'02	
morning max el	-3510 Sep 15 j 12:50	8°♋24'19	46°43'20		-3507 Mar 21 j 17:26	0°♍	
asc. node	-3510 Sep 27 j 14:36	21°♋05'06			-3507 Apr 15 j 19:08	0°♎	
	-3510 Oct 05 j 16:21	0°♌			-3507 May 11 j 09:14	0°♏	
	-3510 Oct 31 j 12:31	0°♍			-3507 Jun 06 j 20:00	0°♐	
	-3510 Nov 25 j 09:09	0°♎		desc. node	-3507 Jul 04 j 03:47	28°♐59'19	
	-3510 Dec 19 j 22:10	0°♏			-3507 Jul 05 j 04:05	0°♑	
	-3509 Jan 13 j 09:54	0°♒		evening max el	-3507 Jul 09 j 00:22	3°♑47'01	46°26'38
desc. node	-3509 Jan 17 j 10:16	4°♒54'57			-3507 Aug 10 j 19:27	0°♒	
	-3509 Feb 06 j 22:12	0°♓		greatest brilliancy	-3507 Aug 18 j 18:48	3°♒28'04	-4.9m
	-3509 Mar 03 j 10:54	0°♊		retrograde	-3507 Aug 27 j 18:48	4°♒57'44	
morning set	-3509 Mar 22 j 06:20	23°♊00'39			-3507 Sep 12 j 21:21	30°♒0	
	-3509 Mar 27 j 23:21	0°♋		evening set	-3507 Sep 13 j 22:03	29°♑24'38	
	-3509 Apr 21 j 10:49	0°♍		inferior conj	-3507 Sep 17 j 10:23	27°♑18'27	-7°55'24
max. Earth dist.	-3509 Apr 25 j 16:31	5°♍12'04	1.73700 AU	minimum elong	-3507 Sep 17 j 19:39	27°♑04'22	7°53'54
				min. Earth dist.	-3507 Sep 17 j 21:00	27°♑02'20	0.26692 AU
superior conj	-3509 Apr 27 j 11:40	7°♍24'32	-0°29'29	morning rise	-3507 Sep 21 j 17:08	24°♑45'48	
minimum elong	-3509 Apr 27 j 17:10	7°♍41'25	0°29'12	direct	-3507 Oct 07 j 22:10	19°♑40'04	
asc. node	-3509 May 10 j 07:23	23°♍09'56		greatest brilliancy	-3507 Oct 18 j 13:21	21°♑49'03	-4.9m
	-3509 May 15 j 20:44	0°♎		asc. node	-3507 Oct 25 j 01:59	24°♑57'46	
evening rise	-3509 Jun 02 j 04:09	21°♎19'42			-3507 Nov 01 j 18:56	0°♒	
	-3509 Jun 09 j 04:50	0°♏		morning max el	-3507 Nov 27 j 15:23	23°♒14'16	46°48'42
	-3509 Jul 03 j 11:34	0°♐			-3507 Dec 04 j 03:37	0°♑	
	-3509 Jul 27 j 18:15	0°♑			-3507 Dec 31 j 06:15	0°♒	
	-3509 Aug 21 j 02:48	0°♒			-3506 Jan 26 j 02:36	0°♓	
desc. node	-3509 Aug 30 j 01:43	10°♒59'08		desc. node	-3506 Feb 13 j 22:11	22°♓12'49	
	-3509 Sep 14 j 15:34	0°♓			-3506 Feb 20 j 11:30	0°♊	
	-3509 Oct 09 j 12:14	0°♔			-3506 Mar 17 j 14:16	0°♋	
	-3509 Nov 04 j 01:13	0°♒			-3506 Apr 11 j 12:13	0°♌	
	-3509 Dec 01 j 07:35	0°♓			-3506 May 06 j 05:25	0°♍	
evening max el	-3509 Dec 03 j 22:57	2°♓42'38	46°50'39	morning set	-3506 May 28 j 05:00	26°♍53'58	
asc. node	-3509 Dec 20 j 23:06	18°♓46'16			-3506 May 30 j 17:32	0°♎	
	-3508 Jan 05 j 05:59	0°♊		asc. node	-3506 Jun 06 j 19:33	8°♎43'20	
greatest brilliancy	-3508 Jan 12 j 13:37	3°♊36'38	-4.8m		-3506 Jun 24 j 00:28	0°♏	
retrograde	-3508 Jan 23 j 12:17	5°♊51'50		max. Earth dist.	-3506 Jun 28 j 21:43	6°♏03'55	1.72546 AU
	-3508 Feb 09 j 18:09	30°♋0					
evening set	-3508 Feb 10 j 05:47	29°♓42'11		superior conj	-3506 Jul 03 j 09:50	11°♐39'57	0°57'07
inferior conj	-3508 Feb 13 j 18:42	27°♓27'54	8°20'16	minimum elong	-3506 Jul 03 j 01:08	11°♐12'51	0°56'55
minimum elong	-3508 Feb 13 j 18:37	27°♓28'04	8°20'08		-3506 Jul 18 j 02:53	0°♑	
min. Earth dist.	-3508 Feb 13 j 07:59	27°♓45'04	0.28930 AU	evening rise	-3506 Aug 09 j 04:20	27°♑35'50	
morning rise	-3508 Feb 17 j 07:43	25°♓14'08			-3506 Aug 11 j 02:23	0°♒	
direct	-3508 Mar 06 j 03:37	19°♓09'38			-3506 Sep 04 j 01:10	0°♓	
greatest brilliancy	-3508 Mar 15 j 08:20	20°♓43'09	-4.7m	desc. node	-3506 Sep 26 j 13:54	28°♓09'39	
	-3508 Apr 01 j 13:43	0°♊			-3506 Sep 28 j 01:17	0°♑	
desc. node	-3508 Apr 10 j 19:02	7°♊09'52			-3506 Oct 22 j 04:18	0°♒	
morning max el	-3508 Apr 23 j 23:18	18°♊59'46	45°48'24		-3506 Nov 15 j 12:09	0°♓	
	-3508 May 05 j 03:00	0°♋			-3506 Dec 10 j 04:48	0°♌	
	-3508 Jun 02 j 01:34	0°♍			-3505 Jan 04 j 15:23	0°♎	
	-3508 Jun 28 j 04:54	0°♎		asc. node	-3505 Jan 17 j 10:58	14°♎31'28	
	-3508 Jul 23 j 08:09	0°♏			-3505 Jan 31 j 17:53	0°♋	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening max el	-3505 Feb 12 j 20:12	12° H 15'00	45°28'36			-3503 Aug 25 j 18:28	0° Ω	
	-3505 Mar 05 j 03:59	0° Υ						
greatest brilliancy	-3505 Mar 22 j 17:42	10° Υ 10'25	-4.7m	superior conj		-3503 Sep 12 j 11:33	22° Ω 19'44	1°17'17
retrograde	-3505 Apr 02 j 09:50	12° Υ 13'50		minimum elong		-3503 Sep 12 j 19:26	22° Ω 44'35	1°17'12
evening set	-3505 Apr 18 j 03:27	7° Υ 30'54		max. Earth dist.		-3503 Sep 11 j 22:53	21° Ω 39'48	1.71002 AU
inferior conj	-3505 Apr 23 j 21:38	4° Υ 02'25	3°25'37			-3503 Sep 18 j 13:27	0° M	
minimum elong	-3505 Apr 24 j 04:25	3° Υ 51'45	3°23'50			-3503 Oct 12 j 08:45	0° $\underline{\Omega}$	
min. Earth dist.	-3505 Apr 24 j 13:35	3° Υ 37'23	0.29121 AU	evening rise		-3503 Oct 23 j 22:51	14° $\underline{\Omega}$ 34'16	
morning rise	-3505 Apr 30 j 04:57	0° Υ 13'55		desc. node		-3503 Oct 24 j 02:09	14° $\underline{\Omega}$ 44'38	
	-3505 Apr 30 j 15:04	30° R H				-3503 Nov 05 j 06:04	0° M	
desc. node	-3505 May 09 j 06:28	26° H 27'29				-3503 Nov 29 j 06:23	0° J	
direct	-3505 May 15 j 16:35	25° H 38'58				-3503 Dec 23 j 10:54	0° Z	
greatest brilliancy	-3505 May 26 j 12:41	27° H 44'08	-4.7m			-3502 Jan 16 j 22:04	0° \approx	
	-3505 May 31 j 16:39	0° Υ				-3502 Feb 10 j 20:22	0° H	
morning max el	-3505 Jul 03 j 20:36	25° Υ 53'10	46°04'34	asc. node		-3502 Feb 13 j 22:55	3° H 41'03	
	-3505 Jul 08 j 01:07	0° B				-3502 Mar 08 j 13:26	0° Υ	
	-3505 Aug 05 j 02:19	0° II				-3502 Apr 04 j 16:56	0° B	
asc. node	-3505 Aug 30 j 05:12	29° II 13'17		evening max el		-3502 Apr 24 j 17:48	20° B 14'42	45°14'00
	-3505 Aug 30 j 20:51	0° G				-3502 May 05 j 12:32	0° II	
	-3505 Sep 24 j 13:28	0° Ω		greatest brilliancy		-3502 Jun 01 j 22:30	17° II 41'03	-4.7m
	-3505 Oct 18 j 17:22	0° M		desc. node		-3502 Jun 05 j 18:15	18° II 47'59	
	-3505 Nov 11 j 16:43	0° $\underline{\Omega}$		retrograde		-3502 Jun 12 j 05:56	19° II 34'13	
	-3505 Dec 05 j 16:24	0° M		evening set		-3502 Jun 27 j 18:39	15° II 00'26	
desc. node	-3505 Dec 20 j 00:23	17° M 52'15		inferior conj		-3502 Jul 03 j 09:51	11° II 41'59	-5°58'47
	-3505 Dec 29 j 18:26	0° J		minimum elong		-3502 Jul 02 j 23:35	11° II 57'35	5°56'25
morning set	-3504 Jan 07 j 02:00	10° J 19'39		min. Earth dist.		-3502 Jul 03 j 17:01	11° II 31'03	0.28070 AU
	-3504 Jan 22 j 23:03	0° Z		morning rise		-3502 Jul 08 j 04:09	8° II 51'50	
				direct		-3502 Jul 24 j 19:11	3° II 38'55	
superior conj	-3504 Feb 15 j 20:24	29° Z 30'46	-1°23'49	greatest brilliancy		-3502 Aug 04 j 19:18	5° II 52'04	-4.8m
minimum elong	-3504 Feb 15 j 21:04	29° Z 32'46	1°23'56			-3502 Sep 06 j 23:27	0° G	
	-3504 Feb 16 j 05:54	0° \approx		morning max el		-3502 Sep 13 j 03:48	6° G 05'12	46°42'04
max. Earth dist.	-3504 Feb 18 j 04:08	2° \approx 22'29	1.73136 AU	asc. node		-3502 Sep 26 j 16:42	20° G 20'29	
	-3504 Mar 11 j 14:47	0° H				-3502 Oct 05 j 09:19	0° Ω	
evening rise	-3504 Mar 24 j 09:10	15° H 40'16				-3502 Oct 31 j 02:49	0° M	
	-3504 Apr 05 j 01:46	0° Υ				-3502 Nov 24 j 22:12	0° $\underline{\Omega}$	
asc. node	-3504 Apr 10 j 21:14	7° Υ 06'46				-3502 Dec 19 j 10:26	0° M	
	-3504 Apr 29 j 14:58	0° B				-3501 Jan 12 j 21:37	0° J	
	-3504 May 24 j 06:43	0° II		desc. node		-3501 Jan 16 j 12:28	4° J 25'59	
	-3504 Jun 18 j 02:08	0° G				-3501 Feb 06 j 09:30	0° Z	
	-3504 Jul 13 j 03:52	0° Ω				-3501 Mar 02 j 21:55	0° \approx	
desc. node	-3504 Jul 31 j 15:37	21° Ω 46'43		morning set		-3501 Mar 19 j 23:46	20° \approx 53'55	
	-3504 Aug 07 j 17:23	0° M				-3501 Mar 27 j 10:09	0° H	
	-3504 Sep 03 j 07:19	0° $\underline{\Omega}$				-3501 Apr 20 j 21:31	0° Υ	
evening max el	-3504 Sep 20 j 07:36	17° $\underline{\Omega}$ 57'49	47°33'22	max. Earth dist.		-3501 Apr 23 j 15:34	3° Υ 22'39	1.73708 AU
	-3504 Oct 02 j 18:32	0° M						
greatest brilliancy	-3504 Oct 31 j 05:13	19° M 43'53	-4.9m	superior conj		-3501 Apr 25 j 06:26	5° Υ 21'56	-0°32'19
retrograde	-3504 Nov 10 j 08:27	21° M 43'14		minimum elong		-3501 Apr 25 j 12:23	5° Υ 40'14	0°32'03
asc. node	-3504 Nov 21 j 13:30	19° M 06'58		asc. node		-3501 May 09 j 09:32	22° Υ 43'39	
evening set	-3504 Nov 24 j 21:44	17° M 26'16				-3501 May 15 j 07:26	0° B	
min. Earth dist.	-3504 Nov 30 j 04:53	14° M 17'22	0.26828 AU	evening rise		-3501 May 30 j 23:36	19° B 18'22	
inferior conj	-3504 Dec 01 j 01:42	13° M 44'57	2°22'58			-3501 Jun 08 j 15:39	0° II	
minimum elong	-3504 Nov 30 j 20:38	13° M 52'50	2°21'20			-3501 Jul 02 j 22:38	0° G	
morning rise	-3504 Dec 06 j 20:15	10° M 18'03				-3501 Jul 27 j 05:40	0° Ω	
direct	-3504 Dec 21 j 09:52	6° M 01'40				-3501 Aug 20 j 14:43	0° M	
greatest brilliancy	-3504 Dec 30 j 15:28	7° M 38'29	-4.9m	desc. node		-3501 Aug 29 j 03:44	10° M 28'09	
	-3503 Feb 01 j 04:13	0° J				-3501 Sep 14 j 04:11	0° $\underline{\Omega}$	
morning max el	-3503 Feb 08 j 20:39	7° J 15'47	46°13'46			-3501 Oct 09 j 01:57	0° M	
	-3503 Mar 02 j 22:40	0° Z				-3501 Nov 03 j 16:57	0° J	
desc. node	-3503 Mar 13 j 09:43	11° Z 23'14				-3501 Dec 01 j 04:36	0° Z	
	-3503 Mar 30 j 00:35	0° \approx		evening max el		-3501 Dec 01 j 15:13	0° Z 27'05	46°53'25
	-3503 Apr 25 j 00:49	0° H		asc. node		-3501 Dec 20 j 01:21	17° Z 43'33	
	-3503 May 20 j 09:42	0° Υ				-3500 Jan 07 j 01:29	0° \approx	
	-3503 Jun 14 j 06:53	0° B		greatest brilliancy		-3500 Jan 10 j 06:41	1° \approx 24'39	-4.8m
asc. node	-3503 Jul 04 j 07:41	24° B 31'51		retrograde		-3500 Jan 21 j 05:07	3° \approx 39'22	
	-3503 Jul 08 j 18:04	0° II				-3500 Feb 03 j 14:11	30° R Z	
	-3503 Aug 01 j 21:03	0° G		evening set		-3500 Feb 07 j 21:34	27° Z 31'15	
morning set	-3503 Aug 04 j 22:48	3° G 50'40		inferior conj		-3500 Feb 11 j 11:04	25° Z 15'50	8°20'17

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

minimum elong	-3500 Feb 11 j 10:15	25°☿17'08	8°20'10			-3498 Jul 17 j 13:42	0°☿	
min. Earth dist.	-3500 Feb 10 j 22:55	25°☿35'17	0.28876 AU	evening rise		-3498 Aug 06 j 19:33	25°☿18'56	
morning rise	-3500 Feb 14 j 23:14	23°☿03'12				-3498 Aug 10 j 13:21	0°♌	
direct	-3500 Mar 03 j 19:38	16°☿58'45				-3498 Sep 03 j 12:20	0°♍	
greatest brilliancy	-3500 Mar 12 j 22:11	18°☿30'32	-4.7m	desc. node		-3498 Sep 25 j 15:58	27°♍40'38	
	-3500 Apr 02 j 04:26	0°♍				-3498 Sep 27 j 12:41	0°♎	
desc. node	-3500 Apr 09 j 21:10	6°♍12'01				-3498 Oct 21 j 16:00	0°♏	
morning max el	-3500 Apr 21 j 14:34	16°♍48'40	45°48'30			-3498 Nov 15 j 00:15	0°♐	
	-3500 May 04 j 21:35	0°♑				-3498 Dec 09 j 17:38	0°♑	
	-3500 Jun 01 j 15:57	0°♑				-3497 Jan 04 j 05:44	0°♒	
	-3500 Jun 27 j 17:34	0°♒		asc. node		-3497 Jan 16 j 12:58	13°♒53'20	
	-3500 Jul 22 j 19:57	0°♓				-3497 Jan 31 j 12:12	0°♓	
asc. node	-3500 Jul 31 j 19:30	10°♓56'29		evening max el		-3497 Feb 10 j 10:52	10°♓01'11	45°30'37
	-3500 Aug 16 j 06:42	0°♈				-3497 Mar 05 j 18:59	0°♑	
	-3500 Sep 09 j 07:18	0°♉		greatest brilliancy		-3497 Mar 20 j 09:54	8°♑02'44	-4.7m
	-3500 Oct 03 j 02:47	0°♊		retrograde		-3497 Mar 31 j 02:36	10°♑07'05	
morning set	-3500 Oct 18 j 04:30	19°♊01'37		evening set		-3497 Apr 15 j 22:07	5°♑20'22	
	-3500 Oct 26 j 21:19	0°♋		inferior conj		-3497 Apr 21 j 14:18	1°♑54'46	3°42'43
	-3500 Nov 19 j 17:36	0°♌		minimum elong		-3497 Apr 21 j 21:32	1°♑43'26	3°40'53
desc. node	-3500 Nov 20 j 14:25	1°♌05'19		min. Earth dist.		-3497 Apr 22 j 06:16	1°♑29'44	0.29149 AU
						-3497 Apr 24 j 16:03	30°♒♈	
superior conj	-3500 Nov 29 j 05:44	11°♌55'03	-0°20'01	morning rise		-3497 Apr 27 j 20:29	28°♒07'51	
minimum elong	-3500 Nov 29 j 00:22	11°♌38'15	0°19'51	desc. node		-3497 May 08 j 08:40	24°♒00'18	
max. Earth dist.	-3500 Dec 04 j 04:40	18°♌07'17	1.71485 AU	direct		-3497 May 13 j 08:53	23°♒30'42	
	-3500 Dec 13 j 16:43	0°♓		greatest brilliancy		-3497 May 24 j 05:09	25°♒36'03	-4.7m
	-3499 Jan 06 j 19:01	0°♓				-3497 Jun 02 j 06:35	0°♑	
evening rise	-3499 Jan 09 j 16:04	3°♓34'17		morning max el		-3497 Jul 01 j 12:59	23°♑43'20	46°03'29
	-3499 Jan 31 j 00:55	0°♒				-3497 Jul 07 j 21:26	0°♒	
	-3499 Feb 24 j 11:36	0°♑				-3497 Aug 04 j 17:28	0°♓	
asc. node	-3499 Mar 13 j 11:05	20°♑38'47		asc. node		-3497 Aug 29 j 07:15	28°♓39'50	
	-3499 Mar 21 j 04:55	0°♑				-3497 Aug 30 j 10:04	0°♈	
	-3499 Apr 15 j 07:19	0°♒				-3497 Sep 24 j 01:46	0°♉	
	-3499 May 10 j 22:43	0°♓				-3497 Oct 18 j 05:10	0°♊	
	-3499 Jun 06 j 12:03	0°♈				-3497 Nov 11 j 04:14	0°♋	
desc. node	-3499 Jul 03 j 05:56	28°♈09'37				-3497 Dec 05 j 03:41	0°♌	
	-3499 Jul 05 j 02:44	0°♉		desc. node		-3497 Dec 19 j 02:31	17°♌24'11	
evening max el	-3499 Jul 06 j 12:31	1°♉22'21	46°23'28			-3497 Dec 29 j 05:30	0°♓	
	-3499 Aug 13 j 11:20	0°♊		morning set		-3496 Jan 04 j 13:31	7°♓52'13	
greatest brilliancy	-3499 Aug 16 j 07:28	1°♊01'47	-4.9m			-3496 Jan 22 j 09:57	0°♓	
retrograde	-3499 Aug 25 j 06:05	2°♊30'30						
	-3499 Sep 05 j 12:45	30°♒♉		superior conj		-3496 Feb 13 j 11:44	27°♓16'38	-1°23'52
evening set	-3499 Sep 11 j 13:16	26°♉53'13		minimum elong		-3496 Feb 13 j 11:35	27°♓16'13	1°24'00
inferior conj	-3499 Sep 14 j 22:41	24°♉51'25	-8°06'03			-3496 Feb 15 j 16:42	0°♒	
minimum elong	-3499 Sep 15 j 07:24	24°♉38'11	8°04'46	max. Earth dist.		-3496 Feb 15 j 20:33	0°♒11'51	1.73094 AU
min. Earth dist.	-3499 Sep 15 j 10:02	24°♉34'11	0.26731 AU			-3496 Mar 11 j 01:35	0°♑	
morning rise	-3499 Sep 19 j 01:21	22°♉24'25		evening rise		-3496 Mar 22 j 02:45	13°♑33'48	
direct	-3499 Oct 05 j 10:24	17°♉12'15				-3496 Apr 04 j 12:40	0°♑	
greatest brilliancy	-3499 Oct 16 j 03:24	19°♉22'22	-4.9m	asc. node		-3496 Apr 09 j 23:24	6°♑39'57	
asc. node	-3499 Oct 24 j 04:06	23°♉24'15				-3496 Apr 29 j 02:06	0°♒	
	-3499 Nov 02 j 13:56	0°♊				-3496 May 23 j 18:15	0°♓	
morning max el	-3499 Nov 25 j 03:34	20°♊44'58	46°49'23			-3496 Jun 17 j 14:19	0°♈	
	-3499 Dec 03 j 23:49	0°♋				-3496 Jul 12 j 17:07	0°♉	
	-3499 Dec 30 j 21:47	0°♌		desc. node		-3496 Jul 30 j 17:38	21°♉10'32	
	-3498 Jan 25 j 16:07	0°♓				-3496 Aug 07 j 08:25	0°♊	
desc. node	-3498 Feb 13 j 00:09	21°♓41'10				-3496 Sep 03 j 02:00	0°♋	
	-3498 Feb 19 j 23:54	0°♓		evening max el		-3496 Sep 17 j 22:08	15°♓43'55	47°32'47
	-3498 Mar 17 j 01:56	0°♒				-3496 Oct 03 j 01:18	0°♌	
	-3498 Apr 10 j 23:24	0°♑		greatest brilliancy		-3496 Oct 28 j 19:37	17°♌17'15	-4.9m
	-3498 May 05 j 16:17	0°♑		retrograde		-3496 Nov 07 j 22:42	19°♌16'17	
morning set	-3498 May 25 j 23:30	24°♑50'20		asc. node		-3496 Nov 20 j 15:45	15°♌56'25	
	-3498 May 30 j 04:16	0°♒		evening set		-3496 Nov 22 j 10:34	15°♌00'19	
asc. node	-3498 Jun 05 j 21:43	8°♒17'00		min. Earth dist.		-3496 Nov 27 j 18:49	11°♌50'07	0.26770 AU
	-3498 Jun 23 j 11:12	0°♓		inferior conj		-3496 Nov 28 j 14:56	11°♌18'54	2°00'34
max. Earth dist.	-3498 Jun 26 j 16:56	4°♓01'12	1.72608 AU	minimum elong		-3496 Nov 28 j 10:36	11°♌25'37	1°59'08
				morning rise		-3496 Dec 04 j 11:23	7°♌50'07	
superior conj	-3498 Jul 01 j 03:29	9°♓32'11	0°54'43	direct		-3496 Dec 18 j 22:48	3°♌36'32	
minimum elong	-3498 Jun 30 j 18:53	9°♓05'27	0°54'32	greatest brilliancy		-3496 Dec 28 j 05:03	5°♌14'26	-4.9m

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3495 Feb 01 j 06:31	0°♈				-3493 Sep 13 j 17:10	0°♊	
morning max el	-3495 Feb 06 j 11:39	4°♈59'10	46°15'10			-3493 Oct 08 j 16:02	0°♋	
	-3495 Mar 02 j 15:39	0°♈				-3493 Nov 03 j 09:11	0°♌	
desc. node	-3495 Mar 12 j 11:53	10°♈46'13		evening max el		-3493 Nov 29 j 06:36	28°♈08'27	46°56'10
	-3495 Mar 29 j 14:33	0°♈				-3493 Dec 01 j 02:38	0°♍	
	-3495 Apr 24 j 13:21	0°♈		asc. node		-3493 Dec 19 j 03:22	16°♍38'09	
	-3495 May 19 j 21:29	0°♈		greatest brilliancy		-3492 Jan 08 j 00:15	29°♍12'22	-4.8m
	-3495 Jun 13 j 18:14	0°♈				-3492 Jan 10 j 05:45	0°♎	
asc. node	-3495 Jul 03 j 09:43	24°♈03'46		retrograde		-3492 Jan 18 j 21:31	1°♎26'07	
	-3495 Jul 08 j 05:11	0°♈				-3492 Jan 27 j 05:14	30°♎	
	-3495 Aug 01 j 08:04	0°♈		evening set		-3492 Feb 05 j 13:07	25°♎20'01	
morning set	-3495 Aug 02 j 13:54	1°♈33'16		min. Earth dist.		-3492 Feb 08 j 14:16	23°♎24'17	0.28821 AU
	-3495 Aug 25 j 05:30	0°♈		inferior conj		-3492 Feb 09 j 03:29	23°♎03'05	8°19'40
max. Earth dist.	-3495 Sep 09 j 05:59	18°♈55'52	1.71029 AU	minimum elong		-3492 Feb 09 j 01:57	23°♎05'34	8°19'31
				morning rise		-3492 Feb 12 j 15:04	20°♎51'08	
superior conj	-3495 Sep 09 j 23:42	19°♈51'41	1°18'40	direct		-3492 Mar 01 j 11:12	14°♎47'06	
minimum elong	-3495 Sep 10 j 06:50	20°♈14'11	1°18'38	greatest brilliancy		-3492 Mar 10 j 12:39	16°♎17'42	-4.7m
	-3495 Sep 18 j 00:35	0°♈				-3492 Apr 02 j 15:45	0°♏	
	-3495 Oct 11 j 19:58	0°♈		desc. node		-3492 Apr 08 j 23:18	5°♏14'51	
evening rise	-3495 Oct 21 j 07:32	11°♈55'24		morning max el		-3492 Apr 19 j 05:18	14°♏35'27	45°48'46
desc. node	-3495 Oct 23 j 04:20	14°♈16'07				-3492 May 04 j 15:57	0°♐	
	-3495 Nov 04 j 17:23	0°♈				-3492 Jun 01 j 06:25	0°♑	
	-3495 Nov 28 j 17:48	0°♈				-3492 Jun 27 j 06:26	0°♒	
	-3495 Dec 22 j 22:28	0°♈				-3492 Jul 22 j 08:03	0°♓	
	-3494 Jan 16 j 09:58	0°♈		asc. node		-3492 Jul 30 j 21:37	10°♓26'26	
	-3494 Feb 10 j 08:55	0°♈				-3492 Aug 15 j 18:26	0°♈	
asc. node	-3494 Feb 13 j 01:01	3°♈09'48				-3492 Sep 08 j 18:51	0°♈	
	-3494 Mar 08 j 03:25	0°♈				-3492 Oct 02 j 14:14	0°♈	
	-3494 Apr 04 j 10:23	0°♈		morning set		-3492 Oct 15 j 14:55	16°♈27'00	
evening max el	-3494 Apr 22 j 09:43	18°♈03'51	45°12'48			-3492 Oct 26 j 08:42	0°♈	
	-3494 May 05 j 19:00	0°♈				-3492 Nov 19 j 04:56	0°♈	
greatest brilliancy	-3494 May 30 j 11:55	15°♈25'15	-4.7m	desc. node		-3492 Nov 19 j 16:29	0°♈36'16	
desc. node	-3494 Jun 04 j 20:24	16°♈51'09						
retrograde	-3494 Jun 09 j 19:55	17°♈18'33		superior conj		-3492 Nov 26 j 14:44	9°♈17'30	-0°16'07
evening set	-3494 Jun 25 j 06:24	12°♈48'34		minimum elong		-3492 Nov 26 j 10:22	9°♈03'48	0°15'59
inferior conj	-3494 Jul 01 j 00:20	9°♈25'57	-5°42'32	behind sun begin		-3492 Nov 26 j 04:42	8°♈46'03	
minimum elong	-3494 Jun 30 j 14:13	9°♈41'23	5°40'07	behind sun end		-3492 Nov 26 j 16:02	9°♈21'33	
min. Earth dist.	-3494 Jul 01 j 07:37	9°♈14'49	0.28110 AU	max. Earth dist.		-3492 Dec 01 j 12:37	15°♈26'35	1.71430 AU
morning rise	-3494 Jul 05 j 21:38	6°♈31'09				-3492 Dec 13 j 04:01	0°♈	
direct	-3494 Jul 22 j 10:38	1°♈22'15				-3491 Jan 06 j 06:18	0°♈	
greatest brilliancy	-3494 Aug 02 j 09:58	3°♈34'21	-4.8m	evening rise		-3491 Jan 07 j 03:57	1°♈07'14	
	-3494 Sep 07 j 00:02	0°♈				-3491 Jan 30 j 12:14	0°♈	
morning max el	-3494 Sep 10 j 17:47	3°♈42'55	46°40'55			-3491 Feb 23 j 23:04	0°♈	
asc. node	-3494 Sep 25 j 18:55	19°♈36'05		asc. node		-3491 Mar 12 j 13:18	20°♈10'03	
	-3494 Oct 05 j 02:12	0°♈				-3491 Mar 20 j 16:46	0°♈	
	-3494 Oct 30 j 17:08	0°♈				-3491 Apr 14 j 19:53	0°♈	
	-3494 Nov 24 j 11:17	0°♈				-3491 May 10 j 12:38	0°♈	
	-3494 Dec 18 j 22:47	0°♈				-3491 Jun 06 j 04:42	0°♈	
	-3493 Jan 12 j 09:27	0°♈		desc. node		-3491 Jul 02 j 07:54	27°♈17'36	
desc. node	-3493 Jan 15 j 14:24	3°♈55'51		evening max el		-3491 Jul 04 j 00:10	28°♈55'42	46°20'10
	-3493 Feb 05 j 20:58	0°♈				-3491 Jul 05 j 02:47	0°♈	
	-3493 Mar 02 j 09:05	0°♈		greatest brilliancy		-3491 Aug 13 j 19:30	28°♈33'26	-4.9m
morning set	-3493 Mar 17 j 17:18	18°♈46'58				-3491 Aug 21 j 10:51	0°♈	
	-3493 Mar 26 j 21:07	0°♈		retrograde		-3491 Aug 22 j 17:22	0°♈01'54	
	-3493 Apr 20 j 08:23	0°♈				-3491 Aug 23 j 23:43	30°♈	
max. Earth dist.	-3493 Apr 21 j 14:07	1°♈31'12	1.73716 AU	evening set		-3491 Sep 09 j 04:07	24°♈20'12	
				inferior conj		-3491 Sep 12 j 10:49	22°♈22'36	-8°15'46
superior conj	-3493 Apr 23 j 01:20	3°♈19'17	-0°35'06	minimum elong		-3491 Sep 12 j 18:54	22°♈10'22	8°14'40
minimum elong	-3493 Apr 23 j 07:43	3°♈38'53	0°34'50	min. Earth dist.		-3491 Sep 12 j 22:50	22°♈04'25	0.26778 AU
asc. node	-3493 May 08 j 11:42	22°♈16'52		morning rise		-3491 Sep 16 j 09:28	20°♈01'27	
	-3493 May 14 j 18:20	0°♈		direct		-3491 Oct 02 j 22:39	14°♈42'22	
evening rise	-3493 May 28 j 19:04	17°♈16'31		greatest brilliancy		-3491 Oct 13 j 17:34	16°♈54'07	-4.9m
	-3493 Jun 08 j 02:44	0°♈		asc. node		-3491 Oct 23 j 06:19	21°♈52'26	
	-3493 Jul 02 j 10:00	0°♈				-3491 Nov 03 j 04:57	0°♈	
	-3493 Jul 26 j 17:27	0°♈		morning max el		-3491 Nov 22 j 16:36	18°♈16'05	46°50'11
	-3493 Aug 20 j 02:59	0°♈				-3491 Dec 03 j 20:00	0°♈	
desc. node	-3493 Aug 28 j 05:51	9°♈56'23				-3491 Dec 30 j 13:34	0°♈	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.



































































































	-3490 Jan 25 j 05:55	0°♊					-3488 Aug 06 j 23:47	0°♎			
desc. node	-3490 Feb 12 j 02:21	21°♊09'21					-3488 Sep 02 j 21:16	0°♏			
	-3490 Feb 19 j 12:33	0°♎			evening max el		-3488 Sep 15 j 13:31	13°♏13'58	47°31'57		
	-3490 Mar 16 j 13:52	0°♏					-3488 Oct 03 j 10:41	0°♐			
	-3490 Apr 10 j 10:52	0°♐			greatest brilliancy		-3488 Oct 26 j 09:45	14°♐49'53	-4.9m		
	-3490 May 05 j 03:29	0°♑			retrograde		-3488 Nov 05 j 12:55	16°♐48'23			
morning set	-3490 May 23 j 18:23	22°♑46'56			evening set		-3488 Nov 19 j 23:35	12°♐33'26			
	-3490 May 29 j 15:20	0°♒			asc. node		-3488 Nov 19 j 17:46	12°♐41'21			
asc. node	-3490 Jun 04 j 23:47	7°♒49'22			min. Earth dist.		-3488 Nov 25 j 08:41	9°♐22'03	0.26718 AU		
	-3490 Jun 22 j 22:14	0°♑			inferior conj		-3488 Nov 26 j 04:05	8°♐51'57	1°37'44		
max. Earth dist.	-3490 Jun 24 j 13:44	2°♑02'30	1.72666 AU		minimum elong		-3488 Nov 26 j 00:33	8°♐57'27	1°36'32		
					morning rise		-3488 Dec 02 j 02:19	5°♐21'20			
superior conj	-3490 Jun 28 j 21:32	7°♑24'49	0°52'17		direct		-3488 Dec 16 j 12:06	1°♐10'39			
minimum elong	-3490 Jun 28 j 13:06	6°♑58'35	0°52'05		greatest brilliancy		-3488 Dec 25 j 18:31	2°♐49'07	-4.9m		
	-3490 Jul 17 j 00:48	0°♑					-3487 Feb 01 j 07:51	0°♊			
evening rise	-3490 Aug 04 j 11:15	23°♑02'43			morning max el		-3487 Feb 04 j 02:30	2°♊41'07	46°16'27		
	-3490 Aug 10 j 00:38	0°♒					-3487 Mar 02 j 08:37	0°♎			
	-3490 Sep 02 j 23:51	0°♎			desc. node		-3487 Mar 11 j 14:03	10°♎08'48			
desc. node	-3490 Sep 24 j 18:09	27°♎10'41					-3487 Mar 29 j 04:37	0°♏			
	-3490 Sep 27 j 00:29	0°♏					-3487 Apr 24 j 02:00	0°♐			
	-3490 Oct 21 j 04:08	0°♐					-3487 May 19 j 09:20	0°♑			
	-3490 Nov 14 j 12:50	0°♊					-3487 Jun 13 j 05:39	0°♒			
	-3490 Dec 09 j 06:58	0°♎			asc. node		-3487 Jul 02 j 11:48	23°♒35'38			
	-3489 Jan 03 j 20:40	0°♏					-3487 Jul 07 j 16:22	0°♑			
asc. node	-3489 Jan 15 j 15:07	13°♏14'07			morning set		-3487 Jul 31 j 05:21	29°♑16'45			
	-3489 Jan 31 j 07:24	0°♐					-3487 Jul 31 j 19:11	0°♑			
evening max el	-3489 Feb 08 j 02:23	7°♐48'32	45°32'55				-3487 Aug 24 j 16:38	0°♒			
	-3489 Mar 06 j 15:44	0°♑			max. Earth dist.		-3487 Sep 06 j 10:32	16°♒03'44	1.71055 AU		
greatest brilliancy	-3489 Mar 18 j 01:47	5°♑54'12	-4.7m								
retrograde	-3489 Mar 28 j 19:53	7°♑59'51			superior conj		-3487 Sep 07 j 12:28	17°♒25'29	1°19'54		
evening set	-3489 Apr 13 j 17:03	3°♑09'22			minimum elong		-3487 Sep 07 j 18:51	17°♒45'35	1°19'54		
	-3489 Apr 18 j 22:32	30°♒♐					-3487 Sep 17 j 11:46	0°♎			
inferior conj	-3489 Apr 19 j 07:06	29°♐46'35	3°59'30				-3487 Oct 11 j 07:13	0°♏			
minimum elong	-3489 Apr 19 j 14:43	29°♐34'38	3°57'36		evening rise		-3487 Oct 18 j 16:37	9°♏17'43			
min. Earth dist.	-3489 Apr 19 j 22:42	29°♐22'07	0.29174 AU		desc. node		-3487 Oct 22 j 06:24	13°♏47'07			
morning rise	-3489 Apr 25 j 12:02	26°♐01'34					-3487 Nov 04 j 04:42	0°♐			
desc. node	-3489 May 07 j 10:49	21°♐37'31					-3487 Nov 28 j 05:15	0°♊			
direct	-3489 May 11 j 01:46	21°♐22'01					-3487 Dec 22 j 10:08	0°♎			
greatest brilliancy	-3489 May 21 j 21:10	23°♐27'00	-4.7m				-3486 Jan 15 j 21:59	0°♏			
	-3489 Jun 03 j 09:33	0°♑					-3486 Feb 09 j 21:39	0°♐			
morning max el	-3489 Jun 29 j 06:19	21°♑35'14	46°02'28		asc. node		-3486 Feb 12 j 03:13	2°♐38'21			
	-3489 Jul 07 j 17:23	0°♒					-3486 Mar 07 j 17:39	0°♑			
	-3489 Aug 04 j 08:38	0°♑					-3486 Apr 04 j 04:17	0°♒			
asc. node	-3489 Aug 28 j 09:31	28°♑06'31			evening max el		-3486 Apr 20 j 01:04	15°♒51'31	45°11'50		
	-3489 Aug 29 j 23:25	0°♑					-3486 May 06 j 03:55	0°♑			
	-3489 Sep 23 j 14:15	0°♒			greatest brilliancy		-3486 May 28 j 02:00	13°♑10'39	-4.7m		
	-3489 Oct 17 j 17:13	0°♎			desc. node		-3486 Jun 03 j 22:23	14°♑50'24			
	-3489 Nov 10 j 16:02	0°♏			retrograde		-3486 Jun 07 j 09:39	15°♑03'50			
	-3489 Dec 04 j 15:17	0°♐			evening set		-3486 Jun 22 j 18:35	10°♑37'12			
desc. node	-3489 Dec 18 j 04:32	16°♐54'40			inferior conj		-3486 Jun 28 j 15:04	7°♑10'52	-5°26'00		
	-3489 Dec 28 j 16:55	0°♊			minimum elong		-3486 Jun 28 j 05:10	7°♑26'01	5°23'33		
morning set	-3488 Jan 02 j 00:32	5°♊22'00			min. Earth dist.		-3486 Jun 28 j 22:47	6°♑59'04	0.28150 AU		
	-3488 Jan 21 j 21:12	0°♎			morning rise		-3486 Jul 03 j 15:16	4°♑11'31			
							-3486 Jul 13 j 08:27	30°♒♒			
superior conj	-3488 Feb 11 j 02:32	24°♎59'54	-1°23'48		direct		-3486 Jul 20 j 01:51	29°♒06'25			
minimum elong	-3488 Feb 11 j 01:34	24°♎56'55	1°23'55				-3486 Jul 26 j 23:27	0°♑			
max. Earth dist.	-3488 Feb 13 j 13:41	28°♎02'23	1.73046 AU		greatest brilliancy		-3486 Jul 31 j 01:28	1°♑18'10	-4.8m		
	-3488 Feb 15 j 03:49	0°♏					-3486 Sep 06 j 23:27	0°♑			
	-3488 Mar 10 j 12:40	0°♐			morning max el		-3486 Sep 08 j 07:09	1°♑19'22	46°39'48		
evening rise	-3488 Mar 19 j 20:09	11°♐25'59			asc. node		-3486 Sep 24 j 21:01	18°♑52'13			
	-3488 Apr 03 j 23:49	0°♑					-3486 Oct 04 j 18:42	0°♒			
asc. node	-3488 Apr 09 j 01:32	6°♑12'14					-3486 Oct 30 j 07:15	0°♎			
	-3488 Apr 28 j 13:28	0°♒					-3486 Nov 24 j 00:11	0°♏			
	-3488 May 23 j 06:02	0°♑					-3486 Dec 18 j 10:57	0°♐			
	-3488 Jun 17 j 02:47	0°♑					-3485 Jan 11 j 21:09	0°♊			
	-3488 Jul 12 j 06:39	0°♒			desc. node		-3485 Jan 14 j 16:36	3°♊26'54			
desc. node	-3488 Jul 29 j 19:50	20°♒34'15					-3485 Feb 05 j 08:19	0°♎			

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3485 Mar 01 j 20:10	0°♊		retrograde	-3483 Aug 20 j 05:27	27°♊35'17	
morning set	-3485 Mar 15 j 10:37	16°♊39'30		evening set	-3483 Sep 06 j 18:56	21°♊49'14	
	-3485 Mar 26 j 08:01	0°♋		inferior conj	-3483 Sep 09 j 23:08	19°♊55'32	-8°24'26
max. Earth dist.	-3485 Apr 19 j 10:38	29°♋33'45	1.73721 AU	minimum elong	-3483 Sep 10 j 06:33	19°♊44'20	8°23'30
	-3485 Apr 19 j 19:12	0°♌		min. Earth dist.	-3483 Sep 10 j 11:22	19°♊37'03	0.26826 AU
				morning rise	-3483 Sep 13 j 17:57	17°♊40'11	
superior conj	-3485 Apr 20 j 20:07	1°♌16'28	-0°37'52	direct	-3483 Sep 30 j 11:33	12°♊14'19	
minimum elong	-3485 Apr 21 j 02:54	1°♌37'17	0°37'34	greatest brilliancy	-3483 Oct 11 j 07:29	14°♊27'19	-4.9m
asc. node	-3485 May 07 j 13:43	21°♌49'48		asc. node	-3483 Oct 22 j 08:24	20°♊25'09	
	-3485 May 14 j 05:10	0°♍			-3483 Nov 03 j 15:38	0°♎	
evening rise	-3485 May 26 j 14:27	15°♍14'49		morning max el	-3483 Nov 20 j 06:40	15°♎51'05	46°50'45
	-3485 Jun 07 j 13:42	0°♎			-3483 Dec 03 j 15:13	0°♏	
	-3485 Jul 01 j 21:16	0°♏			-3483 Dec 30 j 04:46	0°♐	
	-3485 Jul 26 j 05:06	0°♐			-3482 Jan 24 j 19:15	0°♑	
	-3485 Aug 19 j 15:10	0°♑		desc. node	-3482 Feb 11 j 04:29	20°♑38'28	
desc. node	-3485 Aug 27 j 08:00	9°♑25'02			-3482 Feb 19 j 00:47	0°♒	
	-3485 Sep 13 j 06:05	0°♒			-3482 Mar 16 j 01:24	0°♓	
	-3485 Oct 08 j 06:06	0°♓			-3482 Apr 09 j 21:57	0°♋	
	-3485 Nov 03 j 01:30	0°♋			-3482 May 04 j 14:19	0°♌	
evening max el	-3485 Nov 26 j 21:14	25°♋48'27	46°58'56	morning set	-3482 May 21 j 13:19	20°♌44'47	
	-3485 Dec 01 j 01:15	0°♌			-3482 May 29 j 02:04	0°♍	
asc. node	-3485 Dec 18 j 05:31	15°♌32'13		asc. node	-3482 Jun 04 j 01:55	7°♍22'55	
greatest brilliancy	-3484 Jan 05 j 17:50	27°♌00'44	-4.8m		-3482 Jun 22 j 08:58	0°♎	
retrograde	-3484 Jan 16 j 13:48	29°♌13'50		max. Earth dist.	-3482 Jun 22 j 09:55	0°♎02'57	1.72724 AU
evening set	-3484 Feb 03 j 04:27	23°♌09'58					
min. Earth dist.	-3484 Feb 06 j 05:58	21°♌13'48	0.28766 AU	superior conj	-3482 Jun 26 j 15:32	5°♎18'16	0°49'46
inferior conj	-3484 Feb 06 j 20:00	20°♌51'17	8°18'16	minimum elong	-3482 Jun 26 j 07:18	4°♎52'41	0°49'33
minimum elong	-3484 Feb 06 j 17:45	20°♌54'54	8°18'03		-3482 Jul 16 j 11:37	0°♏	
morning rise	-3484 Feb 10 j 07:19	18°♌39'35		evening rise	-3482 Aug 02 j 02:56	20°♏47'29	
direct	-3484 Feb 28 j 02:27	12°♌36'10			-3482 Aug 09 j 11:35	0°♐	
greatest brilliancy	-3484 Mar 08 j 03:51	14°♌06'24	-4.7m		-3482 Sep 02 j 11:02	0°♑	
	-3484 Apr 02 j 23:48	0°♍		desc. node	-3482 Sep 23 j 20:11	26°♑41'20	
desc. node	-3484 Apr 08 j 01:24	4°♍19'30			-3482 Sep 26 j 11:57	0°♒	
morning max el	-3484 Apr 16 j 20:08	12°♍22'57	45°49'01		-3482 Oct 20 j 15:57	0°♓	
	-3484 May 04 j 09:40	0°♋			-3482 Nov 14 j 01:08	0°♋	
	-3484 May 31 j 20:33	0°♌			-3482 Dec 08 j 20:05	0°♌	
	-3484 Jun 26 j 19:02	0°♍			-3481 Jan 03 j 11:28	0°♍	
	-3484 Jul 21 j 19:53	0°♎		asc. node	-3481 Jan 14 j 17:23	12°♍35'50	
asc. node	-3484 Jul 29 j 23:52	9°♎57'41			-3481 Jan 31 j 02:48	0°♋	
	-3484 Aug 15 j 05:52	0°♏		evening max el	-3481 Feb 05 j 18:40	5°♋38'35	45°35'18
greatest brilliancy	-3484 Aug 31 j 20:22	20°♏42'30	-3.9m		-3481 Mar 07 j 19:39	0°♌	
	-3484 Sep 08 j 06:06	0°♐		greatest brilliancy	-3481 Mar 15 j 17:46	3°♌46'54	-4.7m
	-3484 Oct 02 j 01:24	0°♑		retrograde	-3481 Mar 26 j 13:11	5°♌53'32	
morning set	-3484 Oct 13 j 01:26	13°♑53'26		evening set	-3481 Apr 11 j 12:04	0°♌59'29	
	-3484 Oct 25 j 19:50	0°♒			-3481 Apr 13 j 04:50	30°♋♋	
desc. node	-3484 Nov 18 j 18:30	0°♒07'47		inferior conj	-3481 Apr 16 j 23:53	27°♋39'27	4°15'56
	-3484 Nov 18 j 16:02	0°♓		minimum elong	-3481 Apr 17 j 07:51	27°♋26'56	4°13'59
				min. Earth dist.	-3481 Apr 17 j 14:49	27°♋16'00	0.29196 AU
superior conj	-3484 Nov 23 j 23:45	6°♓40'39	-0°12'11	morning rise	-3481 Apr 23 j 03:23	23°♋56'29	
minimum elong	-3484 Nov 23 j 20:25	6°♓30'10	0°12'05	desc. node	-3481 May 06 j 12:49	19°♋20'40	
behind sun begin	-3484 Nov 23 j 01:57	5°♓32'16		direct	-3481 May 08 j 19:00	19°♋14'39	
behind sun end	-3484 Nov 24 j 14:53	7°♓28'04		greatest brilliancy	-3481 May 19 j 12:29	21°♋18'23	-4.7m
max. Earth dist.	-3484 Nov 28 j 17:24	12°♓36'39	1.71378 AU		-3481 Jun 04 j 04:41	0°♌	
	-3484 Dec 12 j 15:05	0°♋		morning max el	-3481 Jun 26 j 23:30	19°♌28'02	46°01'17
evening rise	-3483 Jan 04 j 15:52	28°♋41'03			-3481 Jul 07 j 12:23	0°♍	
	-3483 Jan 05 j 17:18	0°♌			-3481 Aug 03 j 23:18	0°♎	
	-3483 Jan 29 j 23:14	0°♍		asc. node	-3481 Aug 27 j 11:34	27°♎33'35	
	-3483 Feb 23 j 10:14	0°♋			-3481 Aug 29 j 12:23	0°♏	
asc. node	-3483 Mar 11 j 15:24	19°♋41'53			-3481 Sep 23 j 02:25	0°♐	
	-3483 Mar 20 j 04:20	0°♌			-3481 Oct 17 j 04:56	0°♑	
	-3483 Apr 14 j 08:13	0°♍			-3481 Nov 10 j 03:28	0°♒	
	-3483 May 10 j 02:23	0°♎			-3481 Dec 04 j 02:31	0°♓	
	-3483 Jun 05 j 21:21	0°♏		desc. node	-3481 Dec 17 j 06:42	16°♓26'46	
desc. node	-3483 Jul 01 j 10:09	26°♏26'20			-3481 Dec 28 j 03:59	0°♋	
evening max el	-3483 Jul 01 j 12:28	26°♏31'56	46°17'08	morning set	-3481 Dec 30 j 11:22	2°♋52'12	
	-3483 Jul 05 j 03:34	0°♐			-3480 Jan 21 j 08:07	0°♌	
greatest brilliancy	-3483 Aug 11 j 06:59	26°♐06'13	-4.9m				

Planetary Phenomena of Venus from -3900 through -3398 (UT), Astrodienst AG 18-Feb-2025 14:22, page 85

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

superior conj	-3480 Feb 08 j 17:06	22°  43'13	-1°23'34	min. Earth dist.	-3478 Jun 26 j 14:13	4°  44'03	0.28188 AU
minimum elong	-3480 Feb 08 j 15:18	22°  37'39	1°23'41	morning rise	-3478 Jul 01 j 08:57	1°  53'05	
max. Earth dist.	-3480 Feb 11 j 07:53	25°  57'01	1.73000 AU		-3478 Jul 04 j 23:18	30°  R 	
	-3480 Feb 14 j 14:39	0° 		direct	-3478 Jul 17 j 16:43	26°  8'51'27	
	-3480 Mar 09 j 23:27	0° 		greatest brilliancy	-3478 Jul 28 j 17:29	29°  8'03'37	-4.8m
evening rise	-3480 Mar 17 j 13:25	9°  18'38			-3478 Jul 30 j 23:50	0° 	
greatest brilliancy	-3480 Mar 17 j 20:33	9°  14'03'1	-3.9m	morning max el	-3478 Sep 05 j 20:16	28°  15'55'54	46°38'38
	-3480 Apr 03 j 10:40	0° 			-3478 Sep 06 j 21:41	0° 	
asc. node	-3480 Apr 08 j 03:36	5°  14'45'19		asc. node	-3478 Sep 23 j 23:08	18°  5'09'29	
	-3480 Apr 28 j 00:32	0° 			-3478 Oct 04 j 10:48	0° 	
	-3480 May 22 j 17:31	0° 			-3478 Oct 29 j 21:09	0° 	
	-3480 Jun 16 j 14:59	0° 			-3478 Nov 23 j 13:00	0° 	
	-3480 Jul 11 j 20:01	0° 			-3478 Dec 17 j 23:06	0° 	
desc. node	-3480 Jul 28 j 21:56	19°  58'07			-3477 Jan 11 j 08:50	0° 	
	-3480 Aug 06 j 15:09	0° 		desc. node	-3477 Jan 13 j 18:46	2°  17'57'51	
	-3480 Sep 02 j 16:53	0° 			-3477 Feb 04 j 19:38	0° 	
evening max el	-3480 Sep 13 j 05:04	10°  53'56	47°30'57		-3477 Mar 01 j 07:13	0° 	
	-3480 Oct 03 j 22:59	0° 		morning set	-3477 Mar 13 j 03:30	14°  53'0'46	
greatest brilliancy	-3480 Oct 24 j 00:07	12°  12'23'05	-4.9m		-3477 Mar 25 j 18:53	0° 	
retrograde	-3480 Nov 03 j 02:37	14° 		max. Earth dist.	-3477 Apr 17 j 06:24	27°  13'34'02	1.73726 AU
evening set	-3480 Nov 17 j 12:42	10° 					
asc. node	-3480 Nov 18 j 19:56	9° 		superior conj	-3477 Apr 18 j 14:44	29°  13'13	-0°40'35
min. Earth dist.	-3480 Nov 22 j 22:34	6°  15'53'50	0.26665 AU	minimum elong	-3477 Apr 18 j 21:53	29°  13'35'09	0°40'17
inferior conj	-3480 Nov 23 j 17:04	6° 	1°14'29		-3477 Apr 19 j 05:59	0° 	
minimum elong	-3480 Nov 23 j 14:21	6° 	1°13'33	asc. node	-3477 May 06 j 15:54	21°  14'23'15	
morning rise	-3480 Nov 29 j 16:51	2° 			-3477 May 13 j 16:00	0° 	
	-3480 Dec 06 j 06:52	30°  R 		evening rise	-3477 May 24 j 09:51	13°  13'13'11	
direct	-3480 Dec 14 j 01:13	28° 	45'01		-3477 Jun 07 j 00:42	0° 	
	-3480 Dec 22 j 02:04	0° 			-3477 Jul 01 j 08:31	0° 	
greatest brilliancy	-3480 Dec 23 j 07:57	0° 	-4.9m		-3477 Jul 25 j 16:43	0° 	
	-3479 Feb 01 j 07:41	0° 			-3477 Aug 19 j 03:19	0° 	
morning max el	-3479 Feb 01 j 16:21	0°  17'21'09	46°17'40	desc. node	-3477 Aug 26 j 10:02	8°  17'53'28	
	-3479 Mar 02 j 01:00	0° 			-3477 Sep 12 j 19:01	0° 	
desc. node	-3479 Mar 10 j 16:04	9°  13'31'59			-3477 Oct 07 j 20:19	0° 	
	-3479 Mar 28 j 18:18	0° 			-3477 Nov 02 j 18:11	0° 	
	-3479 Apr 23 j 14:21	0° 		evening max el	-3477 Nov 24 j 11:32	23°  17'26'59	47°01'34
	-3479 May 18 j 20:56	0° 			-3477 Dec 01 j 01:06	0° 	
	-3479 Jun 12 j 16:48	0° 		asc. node	-3477 Dec 17 j 07:45	14°  17'23'51	
asc. node	-3479 Jul 01 j 14:04	23°  13'08'51		greatest brilliancy	-3476 Jan 03 j 10:46	24°  17'33'46'57	-4.8m
	-3479 Jul 07 j 03:18	0° 		retrograde	-3476 Jan 14 j 05:58	27°  17'30'00'05	
morning set	-3479 Jul 28 j 20:56	27°  17'11'01'27		evening set	-3476 Jan 31 j 19:08	20°  17'35'58'42	
	-3479 Jul 31 j 06:04	0° 		min. Earth dist.	-3476 Feb 03 j 21:18	19°  17'30'14'47	0.28710 AU
	-3479 Aug 24 j 03:34	0° 		inferior conj	-3476 Feb 04 j 12:13	18°  17'33'37'53	8°15'57
max. Earth dist.	-3479 Sep 03 j 13:30	13°  17'07'15	1.71093 AU	minimum elong	-3476 Feb 04 j 09:15	18°  17'34'42'39	8°15'42
				morning rise	-3476 Feb 07 j 23:36	16°  17'32'26'10	
superior conj	-3479 Sep 05 j 01:20	15°  17'00'09	1°20'59	direct	-3476 Feb 25 j 17:16	10°  17'32'33'33	
minimum elong	-3479 Sep 05 j 06:53	15°  17'01'40	1°20'59	greatest brilliancy	-3476 Mar 05 j 18:55	11°  17'33'53'53	-4.7m
	-3479 Sep 16 j 22:47	0° 			-3476 Apr 03 j 05:49	0° 	
	-3479 Oct 10 j 18:21	0° 		desc. node	-3476 Apr 07 j 03:32	3°  17'24'50	
evening rise	-3479 Oct 16 j 01:23	6° 17'13'39'20		morning max el	-3476 Apr 14 j 11:12	10° 17'22'10'26	45°49'25
desc. node	-3479 Oct 21 j 08:27	13° 17'13'18'28			-3476 May 04 j 03:09	0°	
	-3479 Nov 03 j 15:56	0°			-3476 May 31 j 10:40	0°	
	-3479 Nov 27 j 16:35	0°			-3476 Jun 26 j 07:40	0°	
	-3479 Dec 21 j 21:40	0°			-3476 Jul 21 j 07:48	0°	
	-3478 Jan 15 j 09:54	0°		asc. node	-3476 Jul 29 j 01:52	9° 17'27'51	
	-3478 Feb 09 j 10:19	0°			-3476 Aug 14 j 17:24	0°	
asc. node	-3478 Feb 11 j 05:17	2° 17'06'52		greatest brilliancy	-3476 Sep 04 j 16:55	26° 17'05'12'22	-3.9m
	-3478 Mar 07 j 07:54	0°			-3476 Sep 07 j 17:25	0°	
	-3478 Apr 03 j 22:30	0°			-3476 Oct 01 j 12:36	0°	
evening max el	-3478 Apr 17 j 15:38	13° 17'03'37'43	45°11'00	morning set	-3476 Oct 10 j 12:25	11° 17'07'21'14	
	-3478 May 06 j 15:41	0°			-3476 Oct 25 j 07:01	0°	
greatest brilliancy	-3478 May 25 j 16:14	10° 17'11'56'51	-4.7m	desc. node	-3476 Nov 17 j 20:43	29° 17'05'29'39'36	
desc. node	-3478 Jun 03 j 00:37	12° 17'12'45'51			-3476 Nov 18 j 03:13	0°	
retrograde	-3478 Jun 04 j 23:34	12° 17'12'50'11					
evening set	-3478 Jun 20 j 07:00	8° 17'12'26'19		superior conj	-3476 Nov 21 j 08:49	4° 17'03'30	-0°08'13
inferior conj	-3478 Jun 26 j 05:54	4° 17'12'56'47	-5°08'56	minimum elong	-3476 Nov 21 j 06:33	3° 17'03'56'22	0°08'11
minimum elong	-3478 Jun 25 j 20:16	5° 17'12'11'32	5°06'29	behind sun begin	-3476 Nov 20 j 06:47	2° 17'03'41'51	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

behind sun end	-3476 Nov 22 j 06:18	5° \mathbb{M} 10'53		greatest brilliancy	-3473 May 17 j 03:37	19° \mathbb{H} 08'28	-4.7m
max. Earth dist.	-3476 Nov 25 j 22:20	9° \mathbb{M} 46'49	1.71334 AU		-3473 Jun 04 j 19:28	0° \mathbb{Y}	
	-3476 Dec 12 j 02:15	0° \mathbb{X}		morning max el	-3473 Jun 24 j 15:53	17° \mathbb{Y} 18'00	46°00'05
evening rise	-3475 Jan 02 j 03:29	26° \mathbb{X} 13'24			-3473 Jul 07 j 07:15	0° \mathbb{B}	
	-3475 Jan 05 j 04:28	0° \mathbb{Z}			-3473 Aug 03 j 14:07	0° \mathbb{II}	
	-3475 Jan 29 j 10:28	0° \approx		asc. node	-3473 Aug 26 j 13:40	27° \mathbb{II} 00'04	
	-3475 Feb 22 j 21:39	0° \mathbb{H}			-3473 Aug 29 j 01:35	0° \mathbb{G}	
asc. node	-3475 Mar 10 j 17:27	19° \mathbb{H} 12'52			-3473 Sep 22 j 14:50	0° \mathbb{Q}	
	-3475 Mar 19 j 16:09	0° \mathbb{Y}			-3473 Oct 16 j 16:56	0° \mathbb{M}	
	-3475 Apr 13 j 20:51	0° \mathbb{B}			-3473 Nov 09 j 15:12	0° \mathbb{L}	
	-3475 May 09 j 16:31	0° \mathbb{II}			-3473 Dec 03 j 14:01	0° \mathbb{M}	
	-3475 Jun 05 j 14:36	0° \mathbb{G}		desc. node	-3473 Dec 16 j 08:48	15° \mathbb{M} 57'47	
evening max el	-3475 Jun 29 j 01:39	24° \mathbb{G} 09'45	46°14'06	morning set	-3473 Dec 27 j 22:33	0° \mathbb{X} 22'39	
desc. node	-3475 Jun 30 j 12:16	25° \mathbb{G} 32'59			-3473 Dec 27 j 15:17	0° \mathbb{X}	
	-3475 Jul 05 j 06:00	0° \mathbb{Q}			-3472 Jan 20 j 19:15	0° \mathbb{Z}	
greatest brilliancy	-3475 Aug 08 j 17:48	23° \mathbb{Q} 37'51	-4.9m				
retrograde	-3475 Aug 17 j 17:54	25° \mathbb{Q} 08'02		superior conj	-3472 Feb 06 j 07:51	20° \mathbb{Z} 26'21	-1°23'13
evening set	-3475 Sep 04 j 09:28	19° \mathbb{Q} 18'04		minimum elong	-3472 Feb 06 j 05:14	20° \mathbb{Z} 18'16	1°23'20
inferior conj	-3475 Sep 07 j 11:23	17° \mathbb{Q} 27'50	-8°32'04	max. Earth dist.	-3472 Feb 09 j 04:25	23° \mathbb{Z} 58'06	1.72951 AU
minimum elong	-3475 Sep 07 j 18:04	17° \mathbb{Q} 17'44	8°31'18		-3472 Feb 14 j 01:42	0° \approx	
min. Earth dist.	-3475 Sep 07 j 23:25	17° \mathbb{Q} 09'40	0.26870 AU		-3472 Mar 09 j 10:30	0° \mathbb{H}	
morning rise	-3475 Sep 11 j 02:29	15° \mathbb{Q} 18'06		evening rise	-3472 Mar 15 j 06:44	7° \mathbb{H} 10'37	
direct	-3475 Sep 28 j 00:57	9° \mathbb{Q} 45'56		greatest brilliancy	-3472 Mar 16 j 03:27	8° \mathbb{H} 14'10	-3.9m
greatest brilliancy	-3475 Oct 08 j 20:36	11° \mathbb{Q} 59'14	-4.9m		-3472 Apr 02 j 21:49	0° \mathbb{Y}	
asc. node	-3475 Oct 21 j 10:32	19° \mathbb{Q} 00'33		asc. node	-3472 Apr 07 j 05:46	5° \mathbb{Y} 17'45	
	-3475 Nov 03 j 23:38	0° \mathbb{M}			-3472 Apr 27 j 11:55	0° \mathbb{B}	
morning max el	-3475 Nov 17 j 21:04	13° \mathbb{M} 26'39	46°51'21		-3472 May 22 j 05:22	0° \mathbb{II}	
	-3475 Dec 03 j 10:01	0° \mathbb{L}			-3472 Jun 16 j 03:35	0° \mathbb{G}	
	-3475 Dec 29 j 19:55	0° \mathbb{M}			-3472 Jul 11 j 09:49	0° \mathbb{Q}	
	-3474 Jan 24 j 08:40	0° \mathbb{X}		desc. node	-3472 Jul 27 j 23:56	19° \mathbb{Q} 20'32	
desc. node	-3474 Feb 10 j 06:28	20° \mathbb{X} 06'37			-3472 Aug 06 j 07:04	0° \mathbb{M}	
	-3474 Feb 18 j 13:13	0° \mathbb{Z}			-3472 Sep 02 j 13:29	0° \mathbb{L}	
	-3474 Mar 15 j 13:11	0° \approx		evening max el	-3472 Sep 10 j 19:41	8° \mathbb{L} 30'25	47°29'40
	-3474 Apr 09 j 09:19	0° \mathbb{H}			-3472 Oct 04 j 15:58	0° \mathbb{M}	
	-3474 May 04 j 01:25	0° \mathbb{Y}		greatest brilliancy	-3472 Oct 21 j 14:58	9° \mathbb{M} 55'34	-4.9m
morning set	-3474 May 19 j 08:04	18° \mathbb{Y} 41'21		retrograde	-3472 Oct 31 j 15:41	11° \mathbb{M} 50'47	
	-3474 May 28 j 13:03	0° \mathbb{B}		evening set	-3472 Nov 15 j 01:55	7° \mathbb{M} 37'52	
asc. node	-3474 Jun 03 j 04:05	6° \mathbb{B} 55'50		asc. node	-3472 Nov 17 j 22:10	5° \mathbb{M} 59'36	
max. Earth dist.	-3474 Jun 20 j 05:26	28° \mathbb{B} 00'38	1.72780 AU	min. Earth dist.	-3472 Nov 20 j 12:47	4° \mathbb{M} 23'41	0.26614 AU
	-3474 Jun 21 j 19:57	0° \mathbb{II}		inferior conj	-3472 Nov 21 j 05:57	3° \mathbb{M} 57'03	0°50'58
				minimum elong	-3472 Nov 21 j 04:04	3° \mathbb{M} 59'58	0°50'18
superior conj	-3474 Jun 24 j 09:25	3° \mathbb{II} 10'40	0°47'10	morning rise	-3472 Nov 27 j 07:02	0° \mathbb{M} 22'48	
minimum elong	-3474 Jun 24 j 01:26	2° \mathbb{II} 45'53	0°46'58		-3472 Nov 28 j 00:20	30° \mathbb{R} \mathbb{L}	
	-3474 Jul 15 j 22:42	0° \mathbb{G}		direct	-3472 Dec 11 j 13:48	26° \mathbb{L} 18'02	
evening rise	-3474 Jul 30 j 18:42	18° \mathbb{G} 31'39		greatest brilliancy	-3472 Dec 20 j 21:49	27° \mathbb{L} 57'56	-4.9m
	-3474 Aug 08 j 22:52	0° \mathbb{Q}			-3472 Dec 25 j 19:09	0° \mathbb{M}	
	-3474 Sep 01 j 22:33	0° \mathbb{M}		morning max el	-3471 Jan 30 j 05:08	27° \mathbb{M} 57'32	46°19'08
desc. node	-3474 Sep 22 j 22:16	26° \mathbb{M} 11'17			-3471 Feb 01 j 06:48	0° \mathbb{X}	
	-3474 Sep 25 j 23:44	0° \mathbb{L}			-3471 Mar 01 j 17:20	0° \mathbb{Z}	
	-3474 Oct 20 j 04:02	0° \mathbb{M}		desc. node	-3471 Mar 09 j 18:15	8° \mathbb{Z} 55'21	
	-3474 Nov 13 j 13:40	0° \mathbb{X}			-3471 Mar 28 j 08:05	0° \approx	
	-3474 Dec 08 j 09:27	0° \mathbb{Z}			-3471 Apr 23 j 02:52	0° \mathbb{H}	
	-3473 Jan 03 j 02:39	0° \approx			-3471 May 18 j 08:45	0° \mathbb{Y}	
asc. node	-3473 Jan 13 j 19:22	11° \approx 55'49			-3471 Jun 12 j 04:13	0° \mathbb{B}	
	-3473 Jan 30 j 23:05	0° \mathbb{H}		asc. node	-3471 Jun 30 j 16:03	22° \mathbb{B} 40'19	
evening max el	-3473 Feb 03 j 11:14	3° \mathbb{H} 28'27	45°37'32		-3471 Jul 06 j 14:31	0° \mathbb{II}	
	-3473 Mar 09 j 13:10	0° \mathbb{Y}		morning set	-3471 Jul 26 j 12:30	24° \mathbb{II} 45'19	
greatest brilliancy	-3473 Mar 13 j 10:24	1° \mathbb{Y} 39'22	-4.7m		-3471 Jul 30 j 17:13	0° \mathbb{G}	
retrograde	-3473 Mar 24 j 06:13	3° \mathbb{Y} 46'05			-3471 Aug 23 j 14:46	0° \mathbb{Q}	
	-3473 Apr 07 j 03:01	30° \mathbb{R} \mathbb{H}		max. Earth dist.	-3471 Aug 31 j 18:55	10° \mathbb{Q} 17'45	1.71134 AU
evening set	-3473 Apr 09 j 07:15	28° \mathbb{H} 48'39					
inferior conj	-3473 Apr 14 j 16:43	25° \mathbb{H} 31'22	4°31'58	superior conj	-3471 Sep 02 j 14:17	12° \mathbb{Q} 34'24	1°21'53
minimum elong	-3473 Apr 15 j 00:59	25° \mathbb{H} 18'22	4°29'59	minimum elong	-3471 Sep 02 j 19:00	12° \mathbb{Q} 49'14	1°21'56
min. Earth dist.	-3473 Apr 15 j 07:01	25° \mathbb{H} 08'53	0.29216 AU		-3471 Sep 16 j 10:05	0° \mathbb{M}	
morning rise	-3473 Apr 20 j 18:36	21° \mathbb{H} 50'29			-3471 Oct 10 j 05:44	0° \mathbb{L}	
desc. node	-3473 May 05 j 15:02	17° \mathbb{H} 07'26		evening rise	-3471 Oct 13 j 10:17	4° \mathbb{L} 00'34	
direct	-3473 May 06 j 12:27	17° \mathbb{H} 06'30		desc. node	-3471 Oct 20 j 10:37	12° \mathbb{L} 49'17	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3471 Nov 03 j 03:26	0°♌				-3468 May 31 j 00:37	0°♑		
	-3471 Nov 27 j 04:14	0°♊				-3468 Jun 25 j 20:14	0°♉		
	-3471 Dec 21 j 09:30	0°♎				-3468 Jul 20 j 19:40	0°♈		
	-3470 Jan 14 j 22:04	0°♍		asc. node		-3468 Jul 28 j 04:00	8°♈58'28		
	-3470 Feb 08 j 23:13	0°♋				-3468 Aug 14 j 04:56	0°♎		
asc. node	-3470 Feb 10 j 07:23	1°♋34'48		greatest brilliancy		-3468 Sep 06 j 23:36	29°♎43'44	-3.9m	
	-3470 Mar 06 j 22:27	0°♑				-3468 Sep 07 j 04:47	0°♏		
	-3470 Apr 03 j 17:20	0°♉				-3468 Sep 30 j 23:54	0°♐		
evening max el	-3470 Apr 15 j 05:42	11°♉22'27	45°10'14	morning set		-3468 Oct 07 j 23:20	8°♐48'28		
	-3470 May 07 j 07:41	0°♈				-3468 Oct 24 j 18:18	0°♑		
greatest brilliancy	-3470 May 23 j 06:11	8°♈42'24	-4.7m	desc. node		-3468 Nov 16 j 22:46	29°♑10'42		
desc. node	-3470 Jun 02 j 02:43	10°♈36'15				-3468 Nov 17 j 14:28	0°♌		
retrograde	-3470 Jun 02 j 13:55	10°♈36'30							
evening set	-3470 Jun 17 j 19:41	6°♈14'45		superior conj		-3468 Nov 18 j 17:30	1°♌24'51	-0°04'12	
inferior conj	-3470 Jun 23 j 20:52	2°♈42'24	-4°51'23	minimum elong		-3468 Nov 18 j 16:19	1°♌21'09	0°04'12	
minimum elong	-3470 Jun 23 j 11:32	2°♈56'40	4°48'58	behind sun begin		-3468 Nov 17 j 13:55	29°♑58'15		
min. Earth dist.	-3470 Jun 24 j 05:45	2°♈28'48	0.28233 AU	behind sun end		-3468 Nov 19 j 18:44	2°♌44'01		
	-3470 Jun 28 j 08:56	30°♋♉		max. Earth dist.		-3468 Nov 23 j 05:05	7°♌02'19	1.71291 AU	
morning rise	-3470 Jun 29 j 02:43	29°♉34'39				-3468 Dec 11 j 13:29	0°♊		
direct	-3470 Jul 15 j 07:37	24°♉35'59		evening rise		-3468 Dec 30 j 14:50	23°♊44'45		
greatest brilliancy	-3470 Jul 26 j 10:00	26°♉49'12	-4.8m			-3467 Jan 04 j 15:41	0°♎		
	-3470 Aug 02 j 02:53	0°♈				-3467 Jan 28 j 21:44	0°♍		
morning max el	-3470 Sep 03 j 10:11	26°♈33'51	46°37'29			-3467 Feb 22 j 09:06	0°♋		
	-3470 Sep 06 j 19:24	0°♎		asc. node		-3467 Mar 09 j 19:40	18°♋44'15		
asc. node	-3470 Sep 23 j 01:20	17°♎26'42				-3467 Mar 19 j 04:01	0°♑		
	-3470 Oct 04 j 02:53	0°♏				-3467 Apr 13 j 09:30	0°♉		
	-3470 Oct 29 j 11:08	0°♐				-3467 May 09 j 06:40	0°♈		
	-3470 Nov 23 j 01:56	0°♑				-3467 Jun 05 j 08:01	0°♎		
	-3470 Dec 17 j 11:24	0°♌		evening max el		-3467 Jun 26 j 15:34	21°♎50'05	46°11'02	
	-3469 Jan 10 j 20:41	0°♊		desc. node		-3467 Jun 29 j 14:16	24°♎38'54		
desc. node	-3469 Jan 12 j 20:42	2°♊27'32				-3467 Jul 05 j 09:43	0°♏		
	-3469 Feb 04 j 07:08	0°♎		greatest brilliancy		-3467 Aug 06 j 04:18	21°♏10'02	-4.8m	
	-3469 Feb 28 j 18:26	0°♍		retrograde		-3467 Aug 15 j 06:23	22°♏41'19		
morning set	-3469 Mar 10 j 20:28	12°♍21'40		evening set		-3467 Sep 01 j 23:45	16°♏48'09		
	-3469 Mar 25 j 05:53	0°♋		inferior conj		-3467 Sep 04 j 23:42	15°♏00'38	-8°38'36	
max. Earth dist.	-3469 Apr 15 j 03:30	25°♋38'06	1.73728 AU	minimum elong		-3467 Sep 05 j 05:35	14°♏51'45	8°38'00	
				min. Earth dist.		-3467 Sep 05 j 11:14	14°♏43'13	0.26920 AU	
superior conj	-3469 Apr 16 j 09:35	27°♋10'23	-0°43'13	morning rise		-3467 Sep 08 j 11:17	12°♏56'05		
minimum elong	-3469 Apr 16 j 17:05	27°♋33'22	0°42'55	direct		-3467 Sep 25 j 14:42	7°♏18'13		
	-3469 Apr 18 j 16:53	0°♑		greatest brilliancy		-3467 Oct 06 j 09:22	9°♏30'53	-4.9m	
asc. node	-3469 May 05 j 18:02	20°♑56'15		asc. node		-3467 Oct 20 j 12:43	17°♏38'50		
	-3469 May 13 j 02:56	0°♉				-3467 Nov 04 j 05:27	0°♐		
evening rise	-3469 May 22 j 05:32	11°♉12'17		morning max el		-3467 Nov 15 j 11:19	11°♐01'40	46°51'41	
	-3469 Jun 06 j 11:49	0°♈				-3467 Dec 03 j 04:28	0°♑		
	-3469 Jun 30 j 19:56	0°♎				-3467 Dec 29 j 10:55	0°♌		
	-3469 Jul 25 j 04:33	0°♏				-3466 Jan 23 j 22:00	0°♊		
	-3469 Aug 18 j 15:44	0°♐		desc. node		-3466 Feb 09 j 08:40	19°♊35'34		
desc. node	-3469 Aug 25 j 12:09	8°♐21'27				-3466 Feb 18 j 01:32	0°♎		
	-3469 Sep 12 j 08:14	0°♑				-3466 Mar 15 j 00:51	0°♍		
	-3469 Oct 07 j 10:51	0°♌				-3466 Apr 08 j 20:34	0°♋		
	-3469 Nov 02 j 11:21	0°♊				-3466 May 03 j 12:25	0°♑		
evening max el	-3469 Nov 22 j 02:12	21°♊06'00	47°04'14	morning set		-3466 May 17 j 03:03	16°♑39'01		
	-3469 Dec 01 j 02:18	0°♎				-3466 May 27 j 23:54	0°♉		
asc. node	-3469 Dec 16 j 09:45	13°♎12'41		asc. node		-3466 Jun 02 j 06:07	6°♉28'42		
greatest brilliancy	-3468 Jan 01 j 03:06	22°♎31'46	-4.8m	max. Earth dist.		-3466 Jun 17 j 23:50	25°♉55'28	1.72829 AU	
retrograde	-3468 Jan 11 j 22:35	24°♎45'43				-3466 Jun 21 j 06:46	0°♈		
evening set	-3468 Jan 29 j 09:29	18°♎46'58							
min. Earth dist.	-3468 Feb 01 j 12:15	16°♎49'26	0.28650 AU	superior conj		-3466 Jun 22 j 03:43	1°♈04'59	0°44'32	
inferior conj	-3468 Feb 02 j 04:20	16°♎23'43	8°12'56	minimum elong		-3466 Jun 21 j 20:02	0°♈41'09	0°44'20	
minimum elong	-3468 Feb 02 j 00:39	16°♎29'36	8°12'37			-3466 Jul 15 j 09:35	0°♎		
morning rise	-3468 Feb 05 j 16:06	14°♎11'40		evening rise		-3466 Jul 28 j 11:00	16°♎18'12		
direct	-3468 Feb 23 j 08:13	8°♎10'11				-3466 Aug 08 j 09:55	0°♏		
greatest brilliancy	-3468 Mar 03 j 09:33	9°♎40'29	-4.7m			-3466 Sep 01 j 09:52	0°♐		
	-3468 Apr 03 j 10:00	0°♍		desc. node		-3466 Sep 22 j 00:27	25°♐42'01		
desc. node	-3468 Apr 06 j 05:40	2°♍31'09				-3466 Sep 25 j 11:22	0°♑		
morning max el	-3468 Apr 12 j 03:10	7°♍59'58	45°50'00			-3466 Oct 19 j 16:02	0°♌		
	-3468 May 03 j 20:17	0°♋				-3466 Nov 13 j 02:10	0°♊		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3466 Dec 07 j 22:52	0°☾			-3463 Apr 22 j 15:06	0°☿		
	-3465 Jan 02 j 18:00	0°♊			-3463 May 17 j 20:16	0°♈		
asc. node	-3465 Jan 12 j 21:31	11°♊16'03			-3463 Jun 11 j 15:20	0°♉		
	-3465 Jan 30 j 19:58	0°☿		asc. node	-3463 Jun 29 j 18:09	22°♊12'58		
evening max el	-3465 Feb 01 j 03:08	1°☿16'43	45°39'54		-3463 Jul 06 j 01:27	0°♋		
greatest brilliancy	-3465 Mar 11 j 03:35	29°☿32'38	-4.7m	morning set	-3463 Jul 24 j 04:09	22°♋30'19		
	-3465 Mar 12 j 10:39	0°♈			-3463 Jul 30 j 04:06	0°♌		
retrograde	-3465 Mar 21 j 22:48	1°♈38'45			-3463 Aug 23 j 01:41	0°♍		
	-3465 Mar 31 j 01:05	30°♈☿		max. Earth dist.	-3463 Aug 29 j 03:06	7°♍37'54	1.71171 AU	
evening set	-3465 Apr 07 j 02:24	26°♈37'59						
inferior conj	-3465 Apr 12 j 09:30	23°☿23'34	4°47'36	superior conj	-3463 Aug 31 j 03:36	10°♍10'42	1°22'38	
minimum elong	-3465 Apr 12 j 18:00	23°☿10'08	4°45'38	minimum elong	-3463 Aug 31 j 07:28	10°♍22'53	1°22'42	
min. Earth dist.	-3465 Apr 12 j 23:20	23°☿01'45	0.29231 AU		-3463 Sep 15 j 21:02	0°♎		
morning rise	-3465 Apr 18 j 09:31	19°☿44'48			-3463 Oct 09 j 16:46	0°♏		
direct	-3465 May 04 j 05:28	14°☿58'40		evening rise	-3463 Oct 10 j 19:43	1°♏24'43		
desc. node	-3465 May 04 j 17:08	14°☿58'57		desc. node	-3463 Oct 19 j 12:40	12°♏20'59		
greatest brilliancy	-3465 May 14 j 18:47	16°☿58'51	-4.7m		-3463 Nov 02 j 14:33	0°♐		
	-3465 Jun 05 j 06:19	0°♈			-3463 Nov 26 j 15:30	0°♑		
morning max el	-3465 Jun 22 j 07:29	15°♈06'39	45°59'07		-3463 Dec 20 j 20:59	0°♒		
	-3465 Jul 07 j 01:24	0°♉			-3462 Jan 14 j 09:58	0°♓		
	-3465 Aug 03 j 04:28	0°♋			-3462 Feb 08 j 11:56	0°♈		
asc. node	-3465 Aug 25 j 15:53	26°♋27'57		asc. node	-3462 Feb 09 j 09:34	1°☿03'38		
	-3465 Aug 28 j 14:23	0°♌			-3462 Mar 06 j 12:58	0°♈		
	-3465 Sep 22 j 02:53	0°♍			-3462 Apr 03 j 12:29	0°♉		
	-3465 Oct 16 j 04:36	0°♎		evening max el	-3462 Apr 12 j 20:02	9°♉08'31	45°09'42	
	-3465 Nov 09 j 02:38	0°♏			-3462 May 08 j 04:53	0°♋		
	-3465 Dec 03 j 01:17	0°♐		greatest brilliancy	-3462 May 20 j 19:33	6°♋27'54	-4.7m	
desc. node	-3465 Dec 15 j 10:49	15°♐29'08		retrograde	-3462 May 31 j 04:39	8°♋23'27		
morning set	-3465 Dec 25 j 09:07	27°♐51'35		desc. node	-3462 Jun 01 j 04:43	8°♋22'17		
	-3465 Dec 27 j 02:24	0°♑		evening set	-3462 Jun 15 j 08:28	4°♋03'25		
	-3464 Jan 20 j 06:14	0°♒		inferior conj	-3462 Jun 21 j 11:41	0°♋28'28	-4°33'30	
				minimum elong	-3462 Jun 21 j 02:43	0°♋42'09	4°31'06	
superior conj	-3464 Feb 03 j 21:52	18°♒07'38	-1°22'43	min. Earth dist.	-3462 Jun 21 j 20:53	0°♋14'24	0.28276 AU	
minimum elong	-3464 Feb 03 j 18:25	17°♒56'58	1°22'48		-3462 Jun 22 j 06:19	30°♋☿		
max. Earth dist.	-3464 Feb 06 j 23:38	21°♒55'31	1.72899 AU	morning rise	-3462 Jun 26 j 20:18	27°♋16'57		
	-3464 Feb 13 j 12:35	0°♊		direct	-3462 Jul 12 j 22:46	22°♋20'58		
	-3464 Mar 08 j 21:21	0°☿		greatest brilliancy	-3462 Jul 24 j 02:04	24°♋35'07	-4.8m	
evening rise	-3464 Mar 12 j 23:24	5°☿01'04			-3462 Aug 03 j 12:21	0°♋		
greatest brilliancy	-3464 Mar 13 j 23:42	6°☿15'39	-3.9m	morning max el	-3462 Sep 01 j 01:06	24°♋15'18	46°36'25	
	-3464 Apr 02 j 08:46	0°♈			-3462 Sep 06 j 16:05	0°♌		
asc. node	-3464 Apr 06 j 07:52	4°♈50'37		asc. node	-3462 Sep 22 j 03:25	16°♌45'00		
	-3464 Apr 26 j 23:07	0°♉			-3462 Oct 03 j 18:25	0°♍		
	-3464 May 21 j 17:02	0°♋			-3462 Oct 29 j 00:40	0°♎		
	-3464 Jun 15 j 16:00	0°♌			-3462 Nov 22 j 14:25	0°♏		
	-3464 Jul 10 j 23:27	0°♍			-3462 Dec 16 j 23:16	0°♐		
desc. node	-3464 Jul 27 j 02:10	18°♍44'20			-3461 Jan 10 j 08:07	0°♑		
	-3464 Aug 05 j 22:51	0°♎		desc. node	-3461 Jan 11 j 22:56	1°♑59'20		
	-3464 Sep 02 j 10:13	0°♏			-3461 Feb 03 j 18:15	0°♒		
evening max el	-3464 Sep 08 j 09:10	6°♏05'29	47°28'22		-3461 Feb 28 j 05:18	0°♓		
	-3464 Oct 05 j 13:44	0°♐		morning set	-3461 Mar 08 j 13:09	10°♓12'35		
greatest brilliancy	-3464 Oct 19 j 06:05	7°♐29'47	-4.9m		-3461 Mar 24 j 16:36	0°♈		
retrograde	-3464 Oct 29 j 04:20	9°♐22'45		max. Earth dist.	-3461 Apr 13 j 00:58	23°☿43'57	1.73733 AU	
evening set	-3464 Nov 12 j 15:22	5°♐10'13						
asc. node	-3464 Nov 17 j 00:09	2°♐36'34		superior conj	-3461 Apr 14 j 04:06	25°☿07'12	-0°45'50	
min. Earth dist.	-3464 Nov 18 j 03:18	1°♐54'37	0.26571 AU	minimum elong	-3461 Apr 14 j 11:54	25°☿31'07	0°45'32	
inferior conj	-3464 Nov 18 j 18:55	1°♐30'24	0°27'23		-3461 Apr 18 j 03:32	0°♈		
minimum elong	-3464 Nov 18 j 17:54	1°♐31'59	0°26'59	asc. node	-3461 May 04 j 20:04	20°♈29'35		
	-3464 Nov 21 j 05:45	30°♐♌			-3461 May 12 j 13:39	0°♉		
morning rise	-3464 Nov 24 j 21:08	27°♌54'30		evening rise	-3461 May 20 j 00:54	9°♉11'07		
direct	-3464 Dec 09 j 02:02	23°♌52'08			-3461 Jun 05 j 22:43	0°♋		
greatest brilliancy	-3464 Dec 18 j 12:20	25°♌33'38	-4.9m		-3461 Jun 30 j 07:08	0°♌		
	-3464 Dec 27 j 19:34	0°♍			-3461 Jul 24 j 16:11	0°♍		
morning max el	-3463 Jan 27 j 17:34	25°♍33'26	46°20'25		-3461 Aug 18 j 03:57	0°♎		
	-3463 Feb 01 j 04:45	0°♑		desc. node	-3461 Aug 24 j 14:17	7°♎50'08		
	-3463 Mar 01 j 09:11	0°♒			-3461 Sep 11 j 21:19	0°♏		
desc. node	-3463 Mar 08 j 20:23	8°♒19'27			-3461 Oct 07 j 01:17	0°♐		
	-3463 Mar 27 j 21:33	0°♓			-3461 Nov 02 j 04:30	0°♑		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

evening max el	-3461 Nov 19 j 17:56	18° ♁ 48'50	47°07'01	morning set	-3458 May 14 j 22:11	14° ♁ 37'31	
	-3461 Dec 01 j 04:18	0° ♁			-3458 May 27 j 10:41	0° ♁	
asc. node	-3461 Dec 15 j 11:56	12° ♁ 01'14		asc. node	-3458 Jun 01 j 08:16	6° ♁ 02'04	
greatest brilliancy	-3461 Dec 29 j 19:06	20° ♁ 17'34	-4.8m	max. Earth dist.	-3458 Jun 15 j 17:13	23° ♁ 47'17	1.72887 AU
retrograde	-3460 Jan 09 j 15:43	22° ♁ 32'43					
evening set	-3460 Jan 26 j 23:45	16° ♁ 36'53		superior conj	-3458 Jun 19 j 22:07	28° ♁ 59'41	0°41'52
min. Earth dist.	-3460 Jan 30 j 02:58	14° ♁ 38'55	0.28590 AU	minimum elong	-3458 Jun 19 j 14:46	28° ♁ 36'54	0°41'39
inferior conj	-3460 Jan 30 j 20:33	14° ♁ 10'50	8°09'14		-3458 Jun 20 j 17:35	0° ♁	
minimum elong	-3460 Jan 30 j 16:13	14° ♁ 17'45	8°08'48		-3458 Jul 14 j 20:32	0° ♁	
morning rise	-3460 Feb 03 j 09:00	11° ♁ 58'04		evening rise	-3458 Jul 26 j 03:17	14° ♁ 04'40	
direct	-3460 Feb 20 j 23:49	5° ♁ 58'15			-3458 Aug 07 j 21:04	0° ♁	
greatest brilliancy	-3460 Feb 29 j 23:44	7° ♁ 27'54	-4.7m		-3458 Aug 31 j 21:15	0° ♁	
	-3460 Apr 03 j 12:06	0° ♁		desc. node	-3458 Sep 21 j 02:27	25° ♁ 12'04	
desc. node	-3460 Apr 05 j 07:46	1° ♁ 39'23			-3458 Sep 24 j 23:03	0° ♁	
morning max el	-3460 Apr 09 j 19:43	5° ♁ 51'51	45°50'19		-3458 Oct 19 j 04:05	0° ♁	
	-3460 May 03 j 12:50	0° ♁			-3458 Nov 12 j 14:46	0° ♁	
	-3460 May 30 j 14:16	0° ♁			-3458 Dec 07 j 12:24	0° ♁	
	-3460 Jun 25 j 08:35	0° ♁			-3457 Jan 02 j 09:34	0° ♁	
	-3460 Jul 20 j 07:22	0° ♁		asc. node	-3457 Jan 11 j 23:45	10° ♁ 36'05	
asc. node	-3460 Jul 27 j 06:14	8° ♁ 29'56		evening max el	-3457 Jan 29 j 18:29	29° ♁ 03'32	45°42'25
	-3460 Aug 13 j 16:16	0° ♁			-3457 Jan 30 j 17:34	0° ♁	
	-3460 Sep 06 j 15:57	0° ♁		greatest brilliancy	-3457 Mar 08 j 21:28	27° ♁ 27'12	-4.7m
greatest brilliancy	-3460 Sep 08 j 06:25	2° ♁ 00'57	-3.9m	retrograde	-3457 Mar 19 j 15:26	29° ♁ 32'31	
	-3460 Sep 30 j 11:01	0° ♁		evening set	-3457 Apr 04 j 21:53	24° ♁ 28'15	
morning set	-3460 Oct 05 j 10:17	6° ♁ 16'28		inferior conj	-3457 Apr 10 j 02:37	21° ♁ 16'55	5°02'42
	-3460 Oct 24 j 05:24	0° ♁		minimum elong	-3457 Apr 10 j 11:19	21° ♁ 03'10	5°00'44
				min. Earth dist.	-3457 Apr 10 j 16:12	20° ♁ 55'27	0.29244 AU
superior conj	-3460 Nov 16 j 02:12	28° ♁ 46'43	-0°00'08	morning rise	-3457 Apr 16 j 00:39	17° ♁ 40'25	
minimum elong	-3460 Nov 16 j 02:08	28° ♁ 46'28	0°00'11	direct	-3457 May 01 j 22:11	12° ♁ 51'55	
behind sun begin	-3460 Nov 14 j 23:11	27° ♁ 21'49		desc. node	-3457 May 03 j 19:10	12° ♁ 55'55	
behind sun end	-3460 Nov 17 j 05:05	0° ♁		greatest brilliancy	-3457 May 12 j 10:35	14° ♁ 50'44	-4.7m
desc. node	-3460 Nov 16 j 00:48	28° ♁ 42'17			-3457 Jun 05 j 14:06	0° ♁	
	-3460 Nov 17 j 01:33	0° ♁		morning max el	-3457 Jun 19 j 22:44	12° ♁ 54'37	45°58'02
max. Earth dist.	-3460 Nov 20 j 13:33	4° ♁ 23'36	1.71246 AU		-3457 Jul 06 j 19:07	0° ♁	
	-3460 Dec 11 j 00:31	0° ♁			-3457 Aug 02 j 18:47	0° ♁	
evening rise	-3460 Dec 28 j 02:15	21° ♁ 16'50		asc. node	-3457 Aug 24 j 17:56	25° ♁ 54'57	
	-3459 Jan 04 j 02:40	0° ♁			-3457 Aug 28 j 03:17	0° ♁	
	-3459 Jan 28 j 08:45	0° ♁			-3457 Sep 21 j 15:06	0° ♁	
	-3459 Feb 21 j 20:20	0° ♁			-3457 Oct 15 j 16:27	0° ♁	
asc. node	-3459 Mar 08 j 21:44	18° ♁ 15'55			-3457 Nov 08 j 14:14	0° ♁	
	-3459 Mar 18 j 15:42	0° ♁			-3457 Dec 02 j 12:41	0° ♁	
	-3459 Apr 12 j 22:02	0° ♁		desc. node	-3457 Dec 14 j 13:00	15° ♁ 00'36	
	-3459 May 08 j 20:52	0° ♁		morning set	-3457 Dec 22 j 19:31	25° ♁ 19'29	
	-3459 Jun 05 j 01:47	0° ♁			-3457 Dec 26 j 13:38	0° ♁	
evening max el	-3459 Jun 24 j 05:39	19° ♁ 30'57	46°07'53		-3456 Jan 19 j 17:22	0° ♁	
desc. node	-3459 Jun 28 j 16:31	23° ♁ 44'19					
	-3459 Jul 05 j 15:17	0° ♁		superior conj	-3456 Feb 01 j 11:55	15° ♁ 48'34	-1°22'03
greatest brilliancy	-3459 Aug 03 j 15:17	18° ♁ 43'01	-4.8m	minimum elong	-3456 Feb 01 j 07:38	15° ♁ 35'18	1°22'08
retrograde	-3459 Aug 12 j 18:33	20° ♁ 14'35		max. Earth dist.	-3456 Feb 04 j 17:09	19° ♁ 47'11	1.72844 AU
evening set	-3459 Aug 30 j 13:42	14° ♁ 19'06			-3456 Feb 12 j 23:37	0° ♁	
inferior conj	-3459 Sep 02 j 12:00	12° ♁ 33'46	-8°44'13		-3456 Mar 08 j 08:22	0° ♁	
minimum elong	-3459 Sep 02 j 17:02	12° ♁ 26'09	8°43'45	evening rise	-3456 Mar 10 j 16:12	2° ♁ 51'29	
min. Earth dist.	-3459 Sep 02 j 23:14	12° ♁ 16'47	0.26966 AU	greatest brilliancy	-3456 Mar 11 j 19:53	4° ♁ 16'29	-3.9m
morning rise	-3459 Sep 05 j 20:16	10° ♁ 33'51			-3456 Apr 01 j 19:50	0° ♁	
direct	-3459 Sep 23 j 04:10	4° ♁ 50'55		asc. node	-3456 Apr 05 j 09:56	4° ♁ 23'02	
greatest brilliancy	-3459 Oct 03 j 22:07	7° ♁ 02'40	-4.9m		-3456 Apr 26 j 10:26	0° ♁	
asc. node	-3459 Oct 19 j 14:49	16° ♁ 19'45			-3456 May 21 j 04:50	0° ♁	
	-3459 Nov 04 j 09:18	0° ♁			-3456 Jun 15 j 04:37	0° ♁	
morning max el	-3459 Nov 13 j 00:39	8° ♁ 34'31	46°51'59		-3456 Jul 10 j 13:23	0° ♁	
	-3459 Dec 02 j 22:23	0° ♁		desc. node	-3456 Jul 26 j 04:14	18° ♁ 06'41	
	-3459 Dec 29 j 01:38	0° ♁			-3456 Aug 05 j 15:10	0° ♁	
	-3458 Jan 23 j 11:07	0° ♁			-3456 Sep 02 j 08:08	0° ♁	
desc. node	-3458 Feb 08 j 10:47	19° ♁ 04'40		evening max el	-3456 Sep 05 j 21:54	3° ♁ 37'32	47°26'49
	-3458 Feb 17 j 13:40	0° ♁			-3456 Oct 06 j 20:36	0° ♁	
	-3458 Mar 14 j 12:21	0° ♁		greatest brilliancy	-3456 Oct 16 j 21:09	5° ♁ 02'12	-4.9m
	-3458 Apr 08 j 07:40	0° ♁		retrograde	-3456 Oct 26 j 16:49	6° ♁ 53'07	
	-3458 May 02 j 23:17	0° ♁		evening set	-3456 Nov 10 j 04:47	2° ♁ 40'18	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3456 Nov 14 j 18:11	30° \mathbb{R} $\underline{\mathbf{A}}$				-3453 Mar 24 j 03:40	0° \mathbb{H}	
min. Earth dist.	-3456 Nov 15 j 17:46	29° $\underline{\mathbf{A}}$ 23'37	0.26531 AU	max. Earth dist.	-3453 Apr 11 j 00:05	21° \mathbb{H} 53'47	1.73732 AU	
inferior conj	-3456 Nov 16 j 07:41	29° $\underline{\mathbf{A}}$ 02'03	0°03'25					
minimum elong	-3456 Nov 16 j 07:34	29° $\underline{\mathbf{A}}$ 02'15	0°03'19	superior conj	-3453 Apr 11 j 22:33	23° \mathbb{H} 02'42	-0°48'24	
transit middle	-3456 Nov 16 j 07:34	29° $\underline{\mathbf{A}}$ 02'15	0°03'19	minimum elong	-3453 Apr 12 j 06:37	23° \mathbb{H} 27'27	0°48'05	
transit begin	-3456 Nov 16 j 03:36	29° $\underline{\mathbf{A}}$ 08'24			-3453 Apr 17 j 14:33	0° \mathbb{Y}		
transit end	-3456 Nov 16 j 11:32	28° $\underline{\mathbf{A}}$ 56'06		asc. node	-3453 May 03 j 22:15	20° \mathbb{Y} 02'22		
asc. node	-3456 Nov 16 j 02:22	29° $\underline{\mathbf{A}}$ 10'18			-3453 May 12 j 00:44	0° \mathbb{B}		
morning rise	-3456 Nov 22 j 10:53	25° $\underline{\mathbf{A}}$ 24'54		evening rise	-3453 May 17 j 20:29	7° \mathbb{B} 09'38		
direct	-3456 Dec 06 j 13:45	21° $\underline{\mathbf{A}}$ 24'16			-3453 Jun 05 j 09:57	0° \mathbb{I}		
greatest brilliancy	-3456 Dec 16 j 02:52	23° $\underline{\mathbf{A}}$ 07'55	-4.9m		-3453 Jun 29 j 18:38	0° \mathbb{G}		
	-3456 Dec 29 j 04:47	0° \mathbb{M}			-3453 Jul 24 j 04:05	0° \mathbb{Q}		
morning max el	-3455 Jan 25 j 06:29	23° \mathbb{M} 09'27	46°21'54		-3453 Aug 17 j 16:27	0° \mathbb{P}		
	-3455 Feb 01 j 02:14	0° \mathbb{X}		desc. node	-3453 Aug 23 j 16:20	7° \mathbb{P} 17'47		
	-3455 Mar 01 j 01:04	0° \mathbb{Z}			-3453 Sep 11 j 10:43	0° $\underline{\mathbf{A}}$		
desc. node	-3455 Mar 07 j 22:25	7° \mathbb{Z} 42'50			-3453 Oct 06 j 16:09	0° \mathbb{M}		
	-3455 Mar 27 j 11:09	0° \approx			-3453 Nov 01 j 22:27	0° \mathbb{X}		
	-3455 Apr 22 j 03:29	0° \mathbb{H}		evening max el	-3453 Nov 17 j 10:30	16° \mathbb{X} 32'12	47°09'23	
	-3455 May 17 j 07:58	0° \mathbb{Y}			-3453 Dec 01 j 08:37	0° \mathbb{Z}		
	-3455 Jun 11 j 02:38	0° \mathbb{B}		asc. node	-3453 Dec 14 j 14:10	10° \mathbb{Z} 45'41		
asc. node	-3455 Jun 28 j 20:25	21° \mathbb{B} 45'30		greatest brilliancy	-3453 Dec 27 j 11:01	18° \mathbb{Z} 00'51	-4.9m	
	-3455 Jul 05 j 12:34	0° \mathbb{I}		retrograde	-3452 Jan 07 j 08:38	20° \mathbb{Z} 16'43		
morning set	-3455 Jul 21 j 20:23	20° \mathbb{I} 16'41		evening set	-3452 Jan 24 j 13:29	14° \mathbb{Z} 24'29		
	-3455 Jul 29 j 15:12	0° \mathbb{G}		min. Earth dist.	-3452 Jan 27 j 17:20	12° \mathbb{Z} 25'36	0.28525 AU	
	-3455 Aug 22 j 12:50	0° \mathbb{Q}		inferior conj	-3452 Jan 28 j 12:25	11° \mathbb{Z} 55'09	8°04'36	
max. Earth dist.	-3455 Aug 26 j 14:10	5° \mathbb{Q} 06'23	1.71219 AU	minimum elong	-3452 Jan 28 j 07:28	12° \mathbb{Z} 03'04	8°04'05	
				morning rise	-3452 Feb 01 j 01:48	9° \mathbb{Z} 41'10		
superior conj	-3455 Aug 28 j 17:13	7° \mathbb{Q} 47'09	1°23'13	direct	-3452 Feb 18 j 15:24	3° \mathbb{Z} 43'48		
minimum elong	-3455 Aug 28 j 20:13	7° \mathbb{Q} 56'38	1°23'19	greatest brilliancy	-3452 Feb 27 j 13:12	5° \mathbb{Z} 12'15	-4.8m	
	-3455 Sep 15 j 08:18	0° \mathbb{P}			-3452 Apr 03 j 13:31	0° \approx		
evening rise	-3455 Oct 08 j 05:06	28° \mathbb{P} 47'30		desc. node	-3452 Apr 04 j 09:54	0° \approx 47'13		
	-3455 Oct 09 j 04:10	0° $\underline{\mathbf{A}}$		morning max el	-3452 Apr 07 j 11:53	3° \approx 41'22	45°50'48	
desc. node	-3455 Oct 18 j 14:44	11° $\underline{\mathbf{A}}$ 51'29			-3452 May 03 j 05:30	0° \mathbb{H}		
	-3455 Nov 02 j 02:05	0° \mathbb{M}			-3452 May 30 j 04:09	0° \mathbb{Y}		
	-3455 Nov 26 j 03:11	0° \mathbb{X}			-3452 Jun 24 j 21:11	0° \mathbb{B}		
	-3455 Dec 20 j 08:53	0° \mathbb{Z}			-3452 Jul 19 j 19:18	0° \mathbb{I}		
	-3454 Jan 13 j 22:16	0° \approx		asc. node	-3452 Jul 26 j 08:13	7° \mathbb{I} 59'49		
asc. node	-3454 Feb 08 j 11:38	0° \mathbb{H} 30'58			-3452 Aug 13 j 03:50	0° \mathbb{G}		
	-3454 Feb 08 j 01:05	0° \mathbb{H}			-3452 Sep 06 j 03:20	0° \mathbb{Q}		
	-3454 Mar 06 j 04:00	0° \mathbb{Y}		greatest brilliancy	-3452 Sep 09 j 03:51	3° \mathbb{Q} 48'04	-3.9m	
	-3454 Apr 03 j 08:32	0° \mathbb{B}			-3452 Sep 29 j 22:20	0° \mathbb{P}		
evening max el	-3454 Apr 10 j 11:34	6° \mathbb{B} 56'49	45°09'23	morning set	-3452 Oct 02 j 21:55	3° \mathbb{P} 45'57		
	-3454 May 09 j 10:20	0° \mathbb{I}			-3452 Oct 23 j 16:42	0° $\underline{\mathbf{A}}$		
greatest brilliancy	-3454 May 18 j 09:00	4° \mathbb{I} 13'36	-4.7m					
retrograde	-3454 May 28 j 20:10	6° \mathbb{I} 10'45		superior conj	-3452 Nov 13 j 11:11	26° $\underline{\mathbf{A}}$ 08'37	0°03'55	
desc. node	-3454 May 31 j 06:59	6° \mathbb{I} 03'44		minimum elong	-3452 Nov 13 j 12:14	26° $\underline{\mathbf{A}}$ 11'57	0°03'48	
evening set	-3454 Jun 12 j 21:53	1° \mathbb{I} 52'22		behind sun begin	-3452 Nov 12 j 09:41	24° $\underline{\mathbf{A}}$ 48'32		
	-3454 Jun 16 j 05:17	30° \mathbb{R} \mathbb{B}		behind sun end	-3452 Nov 14 j 14:47	27° $\underline{\mathbf{A}}$ 35'20		
inferior conj	-3454 Jun 19 j 02:51	28° \mathbb{B} 14'55	-4°15'21	desc. node	-3452 Nov 15 j 03:01	28° $\underline{\mathbf{A}}$ 13'44		
minimum elong	-3454 Jun 18 j 18:19	28° \mathbb{B} 27'56	4°13'01		-3452 Nov 16 j 12:52	0° \mathbb{M}		
min. Earth dist.	-3454 Jun 19 j 12:03	28° \mathbb{B} 00'51	0.28315 AU	max. Earth dist.	-3452 Nov 17 j 23:44	1° \mathbb{M} 49'26	1.71209 AU	
morning rise	-3454 Jun 24 j 14:08	24° \mathbb{B} 59'52			-3452 Dec 10 j 11:50	0° \mathbb{X}		
direct	-3454 Jul 10 j 14:42	20° \mathbb{B} 06'36		evening rise	-3452 Dec 25 j 13:21	18° \mathbb{X} 46'52		
greatest brilliancy	-3454 Jul 21 j 17:42	22° \mathbb{B} 20'50	-4.8m		-3451 Jan 03 j 14:00	0° \mathbb{Z}		
	-3454 Aug 04 j 12:18	0° \mathbb{I}			-3451 Jan 27 j 20:11	0° \approx		
morning max el	-3454 Aug 29 j 16:59	21° \mathbb{I} 59'05	46°35'08		-3451 Feb 21 j 07:58	0° \mathbb{H}		
	-3454 Sep 06 j 12:16	0° \mathbb{G}		asc. node	-3451 Mar 07 j 23:49	17° \mathbb{H} 46'27		
asc. node	-3454 Sep 21 j 05:33	16° \mathbb{G} 03'16			-3451 Mar 18 j 03:47	0° \mathbb{Y}		
	-3454 Oct 03 j 09:58	0° \mathbb{Q}			-3451 Apr 12 j 11:00	0° \mathbb{B}		
	-3454 Oct 28 j 14:26	0° \mathbb{P}			-3451 May 08 j 11:32	0° \mathbb{I}		
	-3454 Nov 22 j 03:16	0° $\underline{\mathbf{A}}$			-3451 Jun 04 j 20:16	0° \mathbb{G}		
	-3454 Dec 16 j 11:33	0° \mathbb{M}		evening max el	-3451 Jun 21 j 19:25	17° \mathbb{G} 10'27	46°04'48	
	-3453 Jan 09 j 19:59	0° \mathbb{X}		desc. node	-3451 Jun 27 j 18:37	22° \mathbb{G} 47'35		
desc. node	-3453 Jan 11 j 01:02	1° \mathbb{X} 29'23			-3451 Jul 05 j 23:18	0° \mathbb{Q}		
	-3453 Feb 03 j 05:46	0° \mathbb{Z}		greatest brilliancy	-3451 Aug 01 j 03:10	16° \mathbb{Q} 17'03	-4.8m	
	-3453 Feb 27 j 16:33	0° \approx		retrograde	-3451 Aug 10 j 06:25	17° \mathbb{Q} 48'16		
morning set	-3453 Mar 06 j 05:32	8° \approx 01'20		evening set	-3451 Aug 28 j 03:34	11° \mathbb{Q} 51'12		

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

inferior conj	-3451 Aug 31 j 00:36	10°Ω07'34	-8°48'48			-3448 Mar 07 j 19:18	0°℔	
minimum elong	-3451 Aug 31 j 04:46	10°Ω01'16	8°48'27	evening rise		-3448 Mar 08 j 08:57	0°℔41'53	
min. Earth dist.	-3451 Aug 31 j 11:53	9°Ω50'29	0.27008 AU	greatest brilliancy		-3448 Mar 09 j 15:45	2°℔16'28	-3.9m
morning rise	-3451 Sep 03 j 05:51	8°Ω11'47				-3448 Apr 01 j 06:54	0°Υ	
direct	-3451 Sep 20 j 17:21	2°Ω24'12		asc. node		-3448 Apr 04 j 12:08	3°Υ55'53	
greatest brilliancy	-3451 Oct 01 j 11:34	4°Ω35'33	-4.9m			-3448 Apr 25 j 21:46	0°℔	
asc. node	-3451 Oct 18 j 16:58	15°Ω03'17				-3448 May 20 j 16:41	0°Π	
	-3451 Nov 04 j 11:35	0°℔				-3448 Jun 14 j 17:17	0°☾	
morning max el	-3451 Nov 10 j 13:13	6°℔05'11	46°52'17			-3448 Jul 10 j 03:24	0°Ω	
	-3451 Dec 02 j 15:58	0°♁		desc. node		-3448 Jul 25 j 06:16	17°Ω28'50	
	-3451 Dec 28 j 16:18	0°℔				-3448 Aug 05 j 07:40	0°℔	
	-3450 Jan 23 j 00:18	0°♁				-3448 Sep 02 j 06:44	0°♁	
desc. node	-3450 Feb 07 j 12:47	18°♁32'56		evening max el		-3448 Sep 03 j 10:32	1°♁09'54	47°25'19
	-3450 Feb 17 j 01:59	0°♁				-3448 Oct 08 j 17:02	0°℔	
	-3450 Mar 14 j 00:06	0°≈		greatest brilliancy		-3448 Oct 14 j 11:45	2°℔34'21	-4.9m
	-3450 Apr 07 j 19:02	0°℔		retrograde		-3448 Oct 24 j 05:33	4°℔23'54	
	-3450 May 02 j 10:24	0°Υ		evening set		-3448 Nov 07 j 18:19	0°℔10'06	
morning set	-3450 May 12 j 17:02	12°Υ34'25				-3448 Nov 08 j 01:43	30°℔♁	
	-3450 May 26 j 21:40	0°℔		inferior conj		-3448 Nov 13 j 20:22	26°♁33'49	-0°20'42
asc. node	-3450 May 31 j 10:27	5°♁34'56		minimum elong		-3448 Nov 13 j 21:08	26°♁32'37	0°20'29
max. Earth dist.	-3450 Jun 13 j 11:18	21°♁40'48	1.72941 AU	min. Earth dist.		-3448 Nov 13 j 07:59	26°♁52'56	0.26497 AU
				asc. node		-3448 Nov 15 j 04:35	25°♁44'13	
superior conj	-3450 Jun 17 j 16:24	26°♁53'40	0°39'07	morning rise		-3448 Nov 20 j 00:23	22°♁55'55	
minimum elong	-3450 Jun 17 j 09:25	26°♁32'01	0°38'55	direct		-3448 Dec 04 j 01:39	18°♁56'19	
	-3450 Jun 20 j 04:33	0°Π		greatest brilliancy		-3448 Dec 13 j 17:10	20°♁42'15	-4.9m
	-3450 Jul 14 j 07:37	0°☾				-3448 Dec 30 j 04:26	0°℔	
evening rise	-3450 Jul 23 j 19:47	11°☾51'29		morning max el		-3447 Jan 22 j 20:23	20°℔48'18	46°23'28
	-3450 Aug 07 j 08:21	0°Ω				-3447 Jan 31 j 22:45	0°♁	
	-3450 Aug 31 j 08:48	0°℔				-3447 Feb 28 j 16:28	0°♁	
desc. node	-3450 Sep 20 j 04:35	24°℔42'08		desc. node		-3447 Mar 07 j 00:36	7°♁07'32	
	-3450 Sep 24 j 10:51	0°♁				-3447 Mar 27 j 00:25	0°≈	
	-3450 Oct 18 j 16:14	0°℔				-3447 Apr 21 j 15:38	0°℔	
	-3450 Nov 12 j 03:27	0°♁				-3447 May 16 j 19:28	0°Υ	
	-3450 Dec 07 j 02:05	0°♁				-3447 Jun 10 j 13:48	0°℔	
	-3449 Jan 02 j 01:27	0°≈		asc. node		-3447 Jun 27 j 22:26	21°♁17'39	
asc. node	-3449 Jan 11 j 01:46	9°≈54'49				-3447 Jul 04 j 23:34	0°Π	
evening max el	-3449 Jan 27 j 08:59	26°≈47'44	45°44'46	morning set		-3447 Jul 19 j 12:27	18°Π03'01	
	-3449 Jan 30 j 16:12	0°℔				-3447 Jul 29 j 02:09	0°☾	
greatest brilliancy	-3449 Mar 06 j 14:52	25°℔20'09	-4.7m			-3447 Aug 21 j 23:49	0°Ω	
retrograde	-3449 Mar 17 j 07:49	27°℔25'11		max. Earth dist.		-3447 Aug 24 j 01:26	2°Ω36'08	1.71261 AU
evening set	-3449 Apr 02 j 17:10	22°℔17'01						
inferior conj	-3449 Apr 07 j 19:33	19°℔09'06	5°17'27	superior conj		-3447 Aug 26 j 06:43	5°Ω23'54	1°23'40
minimum elong	-3449 Apr 08 j 04:24	18°℔55'05	5°15'30	minimum elong		-3447 Aug 26 j 08:51	5°Ω30'35	1°23'45
min. Earth dist.	-3449 Apr 08 j 09:07	18°℔47'37	0.29260 AU			-3447 Sep 14 j 19:22	0°℔	
morning rise	-3449 Apr 13 j 15:28	15°℔35'08		evening rise		-3447 Oct 05 j 14:30	26°℔11'06	
direct	-3449 Apr 29 j 14:22	10°℔43'46				-3447 Oct 08 j 15:20	0°♁	
desc. node	-3449 May 02 j 21:23	10°℔56'00		desc. node		-3447 Oct 17 j 16:55	11°♁23'06	
greatest brilliancy	-3449 May 10 j 02:50	12°℔42'08	-4.7m			-3447 Nov 01 j 13:24	0°℔	
	-3449 Jun 05 j 19:58	0°Υ				-3447 Nov 25 j 14:39	0°♁	
morning max el	-3449 Jun 17 j 14:01	10°Υ42'09	45°57'09			-3447 Dec 19 j 20:34	0°♁	
	-3449 Jul 06 j 12:36	0°℔				-3446 Jan 13 j 10:21	0°≈	
	-3449 Aug 02 j 09:00	0°Π		asc. node		-3446 Feb 07 j 13:47	29°≈59'15	
asc. node	-3449 Aug 23 j 20:05	25°Π22'21				-3446 Feb 07 j 14:02	0°℔	
	-3449 Aug 27 j 16:08	0°☾				-3446 Mar 05 j 18:55	0°Υ	
	-3449 Sep 21 j 03:16	0°Ω				-3446 Apr 03 j 04:54	0°℔	
	-3449 Oct 15 j 04:14	0°℔		evening max el		-3446 Apr 08 j 03:40	4°℔47'26	45°09'00
	-3449 Nov 08 j 01:46	0°♁				-3446 May 11 j 04:37	0°Π	
	-3449 Dec 02 j 00:01	0°℔		greatest brilliancy		-3446 May 15 j 22:24	1°Π59'57	-4.7m
desc. node	-3449 Dec 13 j 15:05	14°℔31'56		retrograde		-3446 May 26 j 11:26	3°Π58'16	
morning set	-3449 Dec 20 j 06:06	22°℔47'56		desc. node		-3446 May 30 j 09:03	3°Π40'28	
	-3449 Dec 26 j 00:48	0°♁				-3446 Jun 09 j 21:26	30°℔♁	
	-3448 Jan 19 j 04:24	0°♁		evening set		-3446 Jun 10 j 11:24	29°℔41'36	
				inferior conj		-3446 Jun 16 j 17:52	26°℔01'39	-3°56'42
superior conj	-3448 Jan 30 j 02:04	13°♁29'59	-1°21'15	minimum elong		-3446 Jun 16 j 09:49	26°℔13'57	3°54'29
minimum elong	-3448 Jan 29 j 20:59	13°♁14'15	1°21'20	min. Earth dist.		-3446 Jun 17 j 03:02	25°℔47'39	0.28357 AU
max. Earth dist.	-3448 Feb 02 j 09:20	17°♁35'03	1.72790 AU	morning rise		-3446 Jun 22 j 07:42	22°℔43'03	
	-3448 Feb 12 j 10:34	0°≈		direct		-3446 Jul 08 j 06:51	17°℔52'38	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

greatest brilliancy	-3446 Jul 19 j 08:49	20° ♄ 06'14	-4.8m		-3443 Jan 03 j 01:01	0° ♄	
	-3446 Aug 05 j 05:54	0° ♄			-3443 Jan 27 j 07:16	0° ♄	
morning max el	-3446 Aug 27 j 08:43	19° ♄ 43'06	46°33'51		-3443 Feb 20 j 19:17	0° ♄	
	-3446 Sep 06 j 07:42	0° ♄		asc. node	-3443 Mar 07 j 02:02	17° ♄ 18'20	
asc. node	-3446 Sep 20 j 07:46	15° ♄ 22'43			-3443 Mar 17 j 15:34	0° ♄	
	-3446 Oct 03 j 01:06	0° ♄			-3443 Apr 11 j 23:40	0° ♄	
	-3446 Oct 28 j 03:49	0° ♄			-3443 May 08 j 01:58	0° ♄	
	-3446 Nov 21 j 15:45	0° ♄			-3443 Jun 04 j 14:45	0° ♄	
	-3446 Dec 15 j 23:28	0° ♄		evening max el	-3443 Jun 19 j 08:11	14° ♄ 48'54	46°01'42
	-3445 Jan 09 j 07:30	0° ♄		desc. node	-3443 Jun 26 j 20:38	21° ♄ 50'37	
desc. node	-3445 Jan 10 j 03:02	1° ♄ 00'08			-3443 Jul 06 j 09:31	0° ♄	
	-3445 Feb 02 j 16:57	0° ♄		greatest brilliancy	-3443 Jul 29 j 15:11	13° ♄ 52'24	-4.8m
	-3445 Feb 27 j 03:28	0° ♄		retrograde	-3443 Aug 07 j 17:47	15° ♄ 23'15	
morning set	-3445 Mar 03 j 21:57	5° ♄ 51'08		evening set	-3443 Aug 25 j 16:51	9° ♄ 25'07	
	-3445 Mar 23 j 14:24	0° ♄		inferior conj	-3443 Aug 28 j 13:13	7° ♄ 42'27	-8°52'11
max. Earth dist.	-3445 Apr 09 j 00:13	20° ♄ 07'45	1.73727 AU	minimum elong	-3443 Aug 28 j 16:27	7° ♄ 37'33	8°51'56
				min. Earth dist.	-3443 Aug 29 j 00:46	7° ♄ 24'55	0.27059 AU
superior conj	-3445 Apr 09 j 17:03	20° ♄ 59'24	-0°50'53	morning rise	-3443 Aug 31 j 15:55	5° ♄ 50'13	
minimum elong	-3445 Apr 10 j 01:20	21° ♄ 24'51	0°50'35		-3443 Sep 17 j 00:27	30° ♄	
	-3445 Apr 17 j 01:13	0° ♄		direct	-3443 Sep 18 j 06:13	29° ♄ 58'08	
asc. node	-3445 May 03 j 00:24	19° ♄ 36'10			-3443 Sep 19 j 12:07	0° ♄	
	-3445 May 11 j 11:28	0° ♄		greatest brilliancy	-3443 Sep 29 j 01:48	2° ♄ 10'05	-4.9m
evening rise	-3445 May 15 j 16:05	5° ♄ 09'18		asc. node	-3443 Oct 17 j 19:10	13° ♄ 49'35	
	-3445 Jun 04 j 20:52	0° ♄			-3443 Nov 04 j 12:24	0° ♄	
	-3445 Jun 29 j 05:53	0° ♄		morning max el	-3443 Nov 08 j 01:30	3° ♄ 35'24	46°52'31
	-3445 Jul 23 j 15:47	0° ♄			-3443 Dec 02 j 09:03	0° ♄	
	-3445 Aug 17 j 04:48	0° ♄			-3443 Dec 28 j 06:37	0° ♄	
desc. node	-3445 Aug 22 j 18:28	6° ♄ 46'16			-3442 Jan 22 j 13:10	0° ♄	
	-3445 Sep 10 j 23:58	0° ♄		desc. node	-3442 Feb 06 j 15:00	18° ♄ 02'43	
	-3445 Oct 06 j 06:56	0° ♄			-3442 Feb 16 j 13:58	0° ♄	
	-3445 Nov 01 j 16:27	0° ♄			-3442 Mar 13 j 11:31	0° ♄	
evening max el	-3445 Nov 15 j 03:04	14° ♄ 16'30	47°11'47		-3442 Apr 07 j 06:04	0° ♄	
	-3445 Dec 01 j 14:21	0° ♄			-3442 May 01 j 21:13	0° ♄	
asc. node	-3445 Dec 13 j 16:09	9° ♄ 28'32		morning set	-3442 May 10 j 12:01	10° ♄ 32'36	
greatest brilliancy	-3445 Dec 25 j 03:23	15° ♄ 45'42	-4.9m		-3442 May 26 j 08:22	0° ♄	
retrograde	-3444 Jan 05 j 01:21	18° ♄ 01'27		asc. node	-3442 May 30 j 12:28	5° ♄ 08'13	
evening set	-3444 Jan 22 j 03:03	12° ♄ 13'25		max. Earth dist.	-3442 Jun 11 j 06:49	19° ♄ 39'40	1.72993 AU
min. Earth dist.	-3444 Jan 25 j 07:52	10° ♄ 12'58	0.28455 AU				
inferior conj	-3444 Jan 26 j 04:16	9° ♄ 40'24	7°59'15	superior conj	-3442 Jun 15 j 11:00	24° ♄ 49'35	0°36'20
minimum elong	-3444 Jan 25 j 22:42	9° ♄ 49'18	7°58'38	minimum elong	-3442 Jun 15 j 04:24	24° ♄ 29'09	0°36'09
morning rise	-3444 Jan 29 j 18:46	7° ♄ 24'44			-3442 Jun 19 j 15:15	0° ♄	
direct	-3444 Feb 16 j 06:57	1° ♄ 30'26			-3442 Jul 13 j 18:25	0° ♄	
greatest brilliancy	-3444 Feb 25 j 02:46	2° ♄ 57'29	-4.8m	evening rise	-3442 Jul 21 j 12:46	9° ♄ 40'53	
desc. node	-3444 Apr 03 j 12:03	29° ♄ 57'09			-3442 Aug 06 j 19:21	0° ♄	
	-3444 Apr 03 j 13:16	0° ♄			-3442 Aug 30 j 20:04	0° ♄	
morning max el	-3444 Apr 05 j 03:31	1° ♄ 30'37	45°51'18	desc. node	-3442 Sep 19 j 06:45	24° ♄ 13'02	
	-3444 May 02 j 21:28	0° ♄			-3442 Sep 23 j 22:28	0° ♄	
	-3444 May 29 j 17:30	0° ♄			-3442 Oct 18 j 04:16	0° ♄	
	-3444 Jun 24 j 09:21	0° ♄			-3442 Nov 11 j 16:05	0° ♄	
	-3444 Jul 19 j 06:51	0° ♄			-3442 Dec 06 j 15:47	0° ♄	
asc. node	-3444 Jul 25 j 10:25	7° ♄ 31'25			-3441 Jan 01 j 17:27	0° ♄	
	-3444 Aug 12 j 15:05	0° ♄		asc. node	-3441 Jan 10 j 03:57	9° ♄ 13'55	
	-3444 Sep 05 j 14:28	0° ♄		evening max el	-3441 Jan 24 j 23:16	24° ♄ 31'48	45°47'29
greatest brilliancy	-3444 Sep 09 j 19:15	5° ♄ 17'04	-3.9m		-3441 Jan 30 j 15:37	0° ♄	
	-3444 Sep 29 j 09:26	0° ♄		greatest brilliancy	-3441 Mar 04 j 07:44	23° ♄ 13'08	-4.7m
morning set	-3444 Sep 30 j 09:08	1° ♄ 14'51		retrograde	-3441 Mar 15 j 00:35	25° ♄ 18'48	
	-3444 Oct 23 j 03:47	0° ♄		evening set	-3441 Mar 31 j 12:31	20° ♄ 06'23	
				inferior conj	-3441 Apr 05 j 12:33	17° ♄ 01'59	5°31'39
superior conj	-3444 Nov 10 j 19:49	23° ♄ 30'13	0°07'57	minimum elong	-3441 Apr 05 j 21:30	16° ♄ 47'49	5°29'45
minimum elong	-3444 Nov 10 j 21:58	23° ♄ 37'01	0°07'47	min. Earth dist.	-3441 Apr 06 j 01:53	16° ♄ 40'53	0.29273 AU
behind sun begin	-3444 Nov 09 j 21:51	22° ♄ 21'13		morning rise	-3441 Apr 11 j 06:16	13° ♄ 31'00	
behind sun end	-3444 Nov 11 j 22:06	24° ♄ 52'49		direct	-3441 Apr 27 j 06:37	8° ♄ 36'15	
desc. node	-3444 Nov 14 j 05:04	27° ♄ 45'27		desc. node	-3441 May 01 j 23:28	9° ♄ 00'59	
max. Earth dist.	-3444 Nov 15 j 08:00	29° ♄ 10'01	1.71164 AU	greatest brilliancy	-3441 May 07 j 19:13	10° ♄ 34'35	-4.7m
	-3444 Nov 15 j 23:55	0° ♄			-3441 Jun 05 j 23:37	0° ♄	
	-3444 Dec 09 j 22:51	0° ♄		morning max el	-3441 Jun 15 j 06:15	8° ♄ 32'44	45°56'24
evening rise	-3444 Dec 23 j 00:04	16° ♄ 16'32			-3441 Jul 06 j 05:28	0° ♄	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3441 Aug 01 j 22:51	0°♐	asc. node	-3438 Feb 06 j 15:57	29°≈27'04	
asc. node	-3441 Aug 22 j 22:16	24°♐50'40		-3438 Feb 07 j 03:12	0°♐	
	-3441 Aug 27 j 04:41	0°♐		-3438 Mar 05 j 10:12	0°♐	
	-3441 Sep 20 j 15:11	0°♐		-3438 Apr 03 j 02:10	0°♐	
	-3441 Oct 14 j 15:49	0°♐	evening max el	-3438 Apr 05 j 20:13	2°♐38'37	45°08'46
	-3441 Nov 07 j 13:09	0°♐	greatest brilliancy	-3438 May 13 j 12:37	29°♐47'12	-4.7m
	-3441 Dec 01 j 11:15	0°♐		-3438 May 14 j 03:19	0°♐	
desc. node	-3441 Dec 12 j 17:06	14°♐03'20	retrograde	-3438 May 24 j 02:30	1°♐45'52	
morning set	-3441 Dec 17 j 16:14	20°♐15'05	desc. node	-3438 May 29 j 11:04	1°♐12'21	
	-3441 Dec 25 j 11:55	0°♐		-3438 Jun 02 j 14:49	30°♐	
	-3440 Jan 18 j 15:24	0°♐	evening set	-3438 Jun 08 j 01:21	27°♐30'56	
			inferior conj	-3438 Jun 14 j 09:05	23°♐48'42	-3°37'58
superior conj	-3440 Jan 27 j 15:37	11°♐09'36 -1°20'19	minimum elong	-3438 Jun 14 j 01:34	24°♐00'14	3°35'50
minimum elong	-3440 Jan 27 j 09:44	10°♐51'25 1°20'21	min. Earth dist.	-3438 Jun 14 j 18:17	23°♐34'36	0.28395 AU
max. Earth dist.	-3440 Jan 30 j 22:41	15°♐14'09 1.72734 AU	morning rise	-3438 Jun 20 j 01:17	20°♐26'33	
	-3440 Feb 11 j 21:28	0°≈	direct	-3438 Jul 05 j 23:10	15°♐39'07	
evening rise	-3440 Mar 06 j 01:16	28°≈31'12	greatest brilliancy	-3438 Jul 16 j 23:52	17°♐51'34	-4.8m
	-3440 Mar 07 j 06:11	0°♐		-3438 Aug 05 j 19:07	0°♐	
greatest brilliancy	-3440 Mar 07 j 13:05	0°♐21'13 -3.9m	morning max el	-3438 Aug 24 j 23:44	17°♐25'16	46°32'25
	-3440 Mar 31 j 17:52	0°♐		-3438 Sep 06 j 02:43	0°♐	
asc. node	-3440 Apr 03 j 14:13	3°♐28'37	asc. node	-3438 Sep 19 j 09:49	14°♐41'47	
	-3440 Apr 25 j 09:03	0°♐		-3438 Oct 02 j 16:10	0°♐	
	-3440 May 20 j 04:29	0°♐		-3438 Oct 27 j 17:14	0°♐	
	-3440 Jun 14 j 05:57	0°♐		-3438 Nov 21 j 04:18	0°♐	
	-3440 Jul 09 j 17:27	0°♐		-3438 Dec 15 j 11:28	0°♐	
desc. node	-3440 Jul 24 j 08:30	16°♐51'35		-3437 Jan 08 j 19:06	0°♐	
	-3440 Aug 05 j 00:19	0°♐	desc. node	-3437 Jan 09 j 05:14	0°♐31'14	
evening max el	-3440 Sep 01 j 00:09	28°♐45'30 47°23'47		-3437 Feb 02 j 04:14	0°♐	
	-3440 Sep 02 j 06:03	0°♐		-3437 Feb 26 j 14:32	0°≈	
	-3440 Oct 11 j 18:38	0°♐	morning set	-3437 Mar 01 j 14:17	3°≈40'06	
greatest brilliancy	-3440 Oct 12 j 01:39	0°♐06'22 -4.9m		-3437 Mar 23 j 01:20	0°♐	
retrograde	-3440 Oct 21 j 18:44	1°♐55'18				
	-3440 Oct 31 j 09:43	30°♐	superior conj	-3437 Apr 07 j 11:22	18°♐54'52	-0°53'18
evening set	-3440 Nov 05 j 08:04	27°♐40'08	minimum elong	-3437 Apr 07 j 19:51	19°♐20'53	0°53'01
inferior conj	-3440 Nov 11 j 09:02	24°♐05'53 -0°44'40	max. Earth dist.	-3437 Apr 06 j 23:15	18°♐17'42	1.73721 AU
minimum elong	-3440 Nov 11 j 10:43	24°♐03'19 0°44'11		-3437 Apr 16 j 12:07	0°♐	
min. Earth dist.	-3440 Nov 10 j 21:52	24°♐23'05 0.26469 AU	asc. node	-3437 May 02 j 02:24	19°♐08'47	
asc. node	-3440 Nov 14 j 06:34	22°♐20'07		-3437 May 10 j 22:25	0°♐	
morning rise	-3440 Nov 17 j 13:45	20°♐27'42	evening rise	-3437 May 13 j 11:26	3°♐07'28	
direct	-3440 Dec 01 j 14:15	16°♐28'43		-3437 Jun 04 j 08:01	0°♐	
greatest brilliancy	-3440 Dec 11 j 07:06	18°♐16'22 -4.9m		-3437 Jun 28 j 17:20	0°♐	
	-3440 Dec 30 j 21:54	0°♐		-3437 Jul 23 j 03:44	0°♐	
morning max el	-3439 Jan 20 j 11:11	18°♐29'12 46°24'48		-3437 Aug 16 j 17:25	0°♐	
	-3439 Jan 31 j 18:43	0°♐	desc. node	-3437 Aug 21 j 20:35	6°♐13'54	
	-3439 Feb 28 j 07:45	0°♐		-3437 Sep 10 j 13:34	0°♐	
desc. node	-3439 Mar 06 j 02:43	6°♐31'59		-3437 Oct 05 j 22:09	0°♐	
	-3439 Mar 26 j 13:40	0°≈		-3437 Nov 01 j 11:08	0°♐	
	-3439 Apr 21 j 03:47	0°♐	evening max el	-3437 Nov 12 j 19:10	11°♐58'40	47°14'05
	-3439 May 16 j 06:59	0°♐		-3437 Dec 01 j 22:41	0°♐	
	-3439 Jun 10 j 00:57	0°♐	asc. node	-3437 Dec 12 j 18:22	8°♐08'38	
asc. node	-3439 Jun 27 j 00:32	20°♐50'08	greatest brilliancy	-3437 Dec 22 j 20:21	13°♐30'29	-4.9m
	-3439 Jul 04 j 10:35	0°♐	retrograde	-3436 Jan 02 j 17:37	15°♐45'22	
morning set	-3439 Jul 17 j 04:44	15°♐50'04	evening set	-3436 Jan 19 j 16:30	10°♐02'03	
	-3439 Jul 28 j 13:08	0°♐	min. Earth dist.	-3436 Jan 22 j 22:49	7°♐59'17	0.28383 AU
	-3439 Aug 21 j 10:51	0°♐	inferior conj	-3436 Jan 23 j 20:09	7°♐25'10	7°53'15
max. Earth dist.	-3439 Aug 21 j 10:50	29°♐59'59 1.71304 AU	minimum elong	-3436 Jan 23 j 14:00	7°♐35'02	7°52'29
			morning rise	-3436 Jan 27 j 11:56	5°♐07'26	
superior conj	-3439 Aug 23 j 20:39	3°♐01'54 1°23'57		-3436 Feb 07 j 22:43	30°♐	
minimum elong	-3439 Aug 23 j 21:54	3°♐05'50 1°24'03	direct	-3436 Feb 13 j 22:13	29°♐16'38	
	-3439 Sep 14 j 06:28	0°♐		-3436 Feb 20 j 02:12	0°♐	
evening rise	-3439 Oct 03 j 00:22	23°♐36'00	greatest brilliancy	-3436 Feb 22 j 16:55	0°♐42'41	-4.8m
	-3439 Oct 08 j 02:32	0°♐	desc. node	-3436 Apr 02 j 14:07	29°♐07'08	
desc. node	-3439 Oct 16 j 18:57	10°♐54'11	morning max el	-3436 Apr 02 j 18:13	29°♐16'55	45°51'46
	-3439 Nov 01 j 00:44	0°♐		-3436 Apr 03 j 12:15	0°≈	
	-3439 Nov 25 j 02:08	0°♐		-3436 May 02 j 13:28	0°♐	
	-3439 Dec 19 j 08:18	0°♐		-3436 May 29 j 07:05	0°♐	
	-3438 Jan 12 j 22:33	0°≈		-3436 Jun 23 j 21:46	0°♐	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3436 Jul 18 j 18:39	0°♊			-3434 Dec 06 j 05:54	0°♊	
asc. node	-3436 Jul 24 j 12:36	7°♊02'12			-3433 Jan 01 j 10:05	0°♊	
	-3436 Aug 12 j 02:34	0°♊		asc. node	-3433 Jan 09 j 06:09	8°♊31'35	
	-3436 Sep 05 j 01:48	0°♊		evening max el	-3433 Jan 22 j 14:10	22°♊16'21	45°50'17
greatest brilliancy	-3436 Sep 10 j 00:15	6°♊12'41	-3.9m		-3433 Jan 30 j 16:35	0°♊	
morning set	-3436 Sep 27 j 20:28	28°♊43'20		greatest brilliancy	-3433 Mar 02 j 00:07	21°♊04'39	-4.7m
	-3436 Sep 28 j 20:45	0°♊		retrograde	-3433 Mar 12 j 17:55	23°♊11'34	
	-3436 Oct 22 j 15:07	0°♊		evening set	-3433 Mar 29 j 07:54	17°♊54'48	
				inferior conj	-3433 Apr 03 j 05:31	14°♊53'57	5°45'23
superior conj	-3436 Nov 08 j 04:35	20°♊51'22	0°11'56	minimum elong	-3433 Apr 03 j 14:32	14°♊39'42	5°43'33
minimum elong	-3436 Nov 08 j 07:50	21°♊01'34	0°11'45	min. Earth dist.	-3433 Apr 03 j 18:16	14°♊33'47	0.29283 AU
behind sun begin	-3436 Nov 07 j 12:43	20°♊01'30		morning rise	-3433 Apr 08 j 21:00	11°♊26'20	
behind sun end	-3436 Nov 09 j 02:56	22°♊01'38		direct	-3433 Apr 24 j 23:09	6°♊27'56	
max. Earth dist.	-3436 Nov 12 j 13:01	26°♊19'29	1.71124 AU	desc. node	-3433 May 01 j 01:31	7°♊09'16	
desc. node	-3436 Nov 13 j 07:06	27°♊16'16		greatest brilliancy	-3433 May 05 j 11:11	8°♊26'01	-4.7m
	-3436 Nov 15 j 11:15	0°♊			-3433 Jun 06 j 02:00	0°♊	
	-3436 Dec 09 j 10:09	0°♊		morning max el	-3433 Jun 12 j 23:08	6°♊24'22	45°55'34
evening rise	-3436 Dec 20 j 10:40	13°♊44'50			-3433 Jul 05 j 22:18	0°♊	
	-3435 Jan 02 j 12:19	0°♊			-3433 Aug 01 j 12:53	0°♊	
	-3435 Jan 26 j 18:38	0°♊		asc. node	-3433 Aug 22 j 00:18	24°♊17'39	
	-3435 Feb 20 j 06:52	0°♊			-3433 Aug 26 j 17:30	0°♊	
asc. node	-3435 Mar 06 j 04:06	16°♊48'58			-3433 Sep 20 j 03:24	0°♊	
	-3435 Mar 17 j 03:39	0°♊			-3433 Oct 14 j 03:41	0°♊	
	-3435 Apr 11 j 12:44	0°♊			-3433 Nov 07 j 00:47	0°♊	
	-3435 May 07 j 16:57	0°♊			-3433 Nov 30 j 22:43	0°♊	
	-3435 Jun 04 j 10:10	0°♊		desc. node	-3433 Dec 11 j 19:19	13°♊34'38	
evening max el	-3435 Jun 16 j 20:24	12°♊25'01	45°58'41	morning set	-3433 Dec 15 j 02:12	17°♊40'53	
desc. node	-3435 Jun 25 j 22:53	20°♊51'43			-3433 Dec 24 j 23:15	0°♊	
	-3435 Jul 06 j 23:46	0°♊			-3432 Jan 18 j 02:37	0°♊	
greatest brilliancy	-3435 Jul 27 j 03:07	11°♊26'49	-4.8m				
retrograde	-3435 Aug 05 j 05:25	12°♊57'49		superior conj	-3432 Jan 25 j 04:53	8°♊47'29	-1°19'13
evening set	-3435 Aug 23 j 05:40	6°♊59'02		minimum elong	-3432 Jan 24 j 22:14	8°♊26'53	1°19'13
inferior conj	-3435 Aug 26 j 01:54	5°♊16'43	-8°54'31	max. Earth dist.	-3432 Jan 28 j 12:20	12°♊53'23	1.72682 AU
minimum elong	-3435 Aug 26 j 04:10	5°♊13'17	8°54'21		-3432 Feb 11 j 08:37	0°♊	
min. Earth dist.	-3435 Aug 26 j 13:43	4°♊58'49	0.27109 AU	evening rise	-3432 Mar 03 j 17:30	26°♊19'25	
morning rise	-3435 Aug 29 j 02:31	3°♊27'34		greatest brilliancy	-3432 Mar 06 j 00:05	29°♊07'06	-3.9m
	-3435 Sep 04 j 16:54	30°♊			-3432 Mar 06 j 17:19	0°♊	
direct	-3435 Sep 15 j 19:02	27°♊31'20			-3432 Mar 31 j 05:06	0°♊	
greatest brilliancy	-3435 Sep 26 j 16:24	29°♊44'34	-4.9m	asc. node	-3432 Apr 02 j 16:17	3°♊00'36	
	-3435 Sep 27 j 07:50	0°♊			-3432 Apr 24 j 20:34	0°♊	
asc. node	-3435 Oct 16 j 21:13	12°♊36'57			-3432 May 19 j 16:32	0°♊	
	-3435 Nov 04 j 12:24	0°♊			-3432 Jun 13 j 18:52	0°♊	
morning max el	-3435 Nov 05 j 14:05	1°♊05'35	46°52'42		-3432 Jul 09 j 07:52	0°♊	
	-3435 Dec 02 j 02:07	0°♊		desc. node	-3432 Jul 23 j 10:33	16°♊12'40	
	-3435 Dec 27 j 21:06	0°♊			-3432 Aug 04 j 17:35	0°♊	
	-3434 Jan 22 j 02:18	0°♊		evening max el	-3432 Aug 29 j 14:32	26°♊22'03	47°21'57
desc. node	-3434 Feb 05 j 17:04	17°♊31'05			-3432 Sep 02 j 06:54	0°♊	
	-3434 Feb 16 j 02:15	0°♊		greatest brilliancy	-3432 Oct 09 j 14:55	27°♊36'08	-4.9m
	-3434 Mar 12 j 23:13	0°♊		retrograde	-3432 Oct 19 j 07:58	29°♊24'39	
	-3434 Apr 06 j 17:24	0°♊		evening set	-3432 Nov 02 j 21:47	25°♊08'07	
	-3434 May 01 j 08:18	0°♊		inferior conj	-3432 Nov 08 j 21:23	21°♊35'59	-1°08'55
morning set	-3434 May 08 j 07:02	8°♊30'02		minimum elong	-3432 Nov 08 j 23:58	21°♊32'02	1°08'08
	-3434 May 25 j 19:21	0°♊		min. Earth dist.	-3432 Nov 08 j 11:13	21°♊51'35	0.26442 AU
asc. node	-3434 May 29 j 14:39	4°♊41'01		asc. node	-3432 Nov 13 j 08:47	18°♊55'22	
max. Earth dist.	-3434 Jun 09 j 04:06	17°♊43'03	1.73048 AU	morning rise	-3432 Nov 15 j 02:34	17°♊57'50	
				direct	-3432 Nov 29 j 02:56	13°♊59'27	
superior conj	-3434 Jun 13 j 05:35	22°♊44'30	0°33'31	greatest brilliancy	-3432 Dec 08 j 20:15	15°♊48'06	-4.9m
minimum elong	-3434 Jun 12 j 23:25	22°♊25'24	0°33'20		-3432 Dec 31 j 11:24	0°♊	
	-3434 Jun 19 j 02:16	0°♊		morning max el	-3431 Jan 18 j 01:46	16°♊08'45	46°26'08
	-3434 Jul 13 j 05:35	0°♊			-3431 Jan 31 j 14:19	0°♊	
evening rise	-3434 Jul 19 j 05:48	7°♊29'22			-3431 Feb 27 j 23:00	0°♊	
	-3434 Aug 06 j 06:43	0°♊		desc. node	-3431 Mar 05 j 04:46	5°♊56'02	
	-3434 Aug 30 j 07:42	0°♊			-3431 Mar 26 j 02:58	0°♊	
desc. node	-3434 Sep 18 j 08:45	23°♊42'24			-3431 Apr 20 j 16:01	0°♊	
	-3434 Sep 23 j 10:24	0°♊			-3431 May 15 j 18:35	0°♊	
	-3434 Oct 17 j 16:37	0°♊			-3431 Jun 09 j 12:13	0°♊	
	-3434 Nov 11 j 05:04	0°♊		asc. node	-3431 Jun 26 j 02:46	20°♊22'42	

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Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3431 Jul 03 j 21:40	0° Π		min. Earth dist.	-3428 Jan 20 j 13:59	5° \mathcal{Z} 44'31	0.28311 AU
morning set	-3431 Jul 14 j 21:20	13° Π 38'04		inferior conj	-3428 Jan 21 j 11:53	5° \mathcal{Z} 09'28	7°46'20
	-3431 Jul 28 j 00:12	0° \mathcal{E}		minimum elong	-3428 Jan 21 j 05:11	5° \mathcal{Z} 20'12	7°45'26
max. Earth dist.	-3431 Aug 18 j 19:09	27° \mathcal{E} 20'15	1.71353 AU	morning rise	-3428 Jan 25 j 05:12	2° \mathcal{Z} 49'17	
	-3431 Aug 20 j 21:57	0° Ω			-3428 Jan 30 j 08:54	30° \mathcal{R} ♂	
				direct	-3428 Feb 11 j 12:53	27°♂02'13	
superior conj	-3431 Aug 21 j 10:54	0° Ω 40'43	1°24'04	greatest brilliancy	-3428 Feb 20 j 07:35	28°♂28'03	-4.8m
minimum elong	-3431 Aug 21 j 11:18	0° Ω 42'00	1°24'12		-3428 Feb 24 j 09:38	0° \mathcal{Z}	
	-3431 Sep 13 j 17:41	0° \mathcal{M}		morning max el	-3428 Mar 31 j 08:12	27° \mathcal{Z} 01'28	45°52'21
evening rise	-3431 Sep 30 j 10:09	21° \mathcal{M} 00'10		desc. node	-3428 Apr 01 j 16:16	28° \mathcal{Z} 18'21	
	-3431 Oct 07 j 13:55	0° \mathcal{E}			-3428 Apr 03 j 10:15	0° \approx	
desc. node	-3431 Oct 15 j 21:02	10° \mathcal{E} 24'57			-3428 May 02 j 05:05	0° \mathcal{H}	
	-3431 Oct 31 j 12:15	0° \mathcal{M}			-3428 May 28 j 20:22	0° \mathcal{Y}	
	-3431 Nov 24 j 13:48	0°♂			-3428 Jun 23 j 09:57	0° \mathcal{B}	
	-3431 Dec 18 j 20:12	0° \mathcal{Z}			-3428 Jul 18 j 06:15	0° Π	
	-3430 Jan 12 j 10:55	0° \approx		asc. node	-3428 Jul 23 j 14:34	6° Π 32'55	
asc. node	-3430 Feb 05 j 17:59	28° \approx 54'02			-3428 Aug 11 j 13:51	0° \mathcal{E}	
	-3430 Feb 06 j 16:34	0° \mathcal{H}			-3428 Sep 04 j 12:56	0° Ω	
	-3430 Mar 05 j 01:50	0° \mathcal{Y}		greatest brilliancy	-3428 Sep 10 j 03:10	7° Ω 02'26	-3.9m
	-3430 Apr 03 j 00:23	0° \mathcal{B}		morning set	-3428 Sep 25 j 08:20	26° Ω 14'13	
evening max el	-3430 Apr 03 j 12:12	0° \mathcal{B} 28'10	45°08'34		-3428 Sep 28 j 07:50	0° \mathcal{M}	
greatest brilliancy	-3430 May 11 j 03:36	27° \mathcal{B} 35'15	-4.7m		-3428 Oct 22 j 02:10	0° \mathcal{E}	
retrograde	-3430 May 21 j 17:11	29° \mathcal{B} 33'35					
desc. node	-3430 May 28 j 13:20	28° \mathcal{B} 39'05		superior conj	-3428 Nov 05 j 13:46	18° \mathcal{E} 14'40	0°15'53
evening set	-3430 Jun 05 j 15:32	25° \mathcal{B} 20'12		minimum elong	-3428 Nov 05 j 18:04	18° \mathcal{E} 28'10	0°15'39
inferior conj	-3430 Jun 12 j 00:22	21° \mathcal{B} 36'03	-3°18'58	behind sun begin	-3428 Nov 05 j 09:58	18° \mathcal{E} 02'42	
minimum elong	-3430 Jun 11 j 17:25	21° \mathcal{B} 46'44	3°16'58	behind sun end	-3428 Nov 06 j 02:10	18° \mathcal{E} 53'38	
min. Earth dist.	-3430 Jun 12 j 09:56	21° \mathcal{B} 21'21	0.28430 AU	max. Earth dist.	-3428 Nov 09 j 16:34	23° \mathcal{E} 25'11	1.71088 AU
morning rise	-3430 Jun 17 j 18:46	18° \mathcal{B} 10'21		desc. node	-3428 Nov 12 j 09:19	26° \mathcal{E} 48'35	
direct	-3430 Jul 03 j 15:06	13° \mathcal{B} 25'57			-3428 Nov 14 j 22:17	0° \mathcal{M}	
greatest brilliancy	-3430 Jul 14 j 15:09	15° \mathcal{B} 37'25	-4.8m		-3428 Dec 08 j 21:12	0°♂	
	-3430 Aug 06 j 04:52	0° Π		evening rise	-3428 Dec 17 j 21:19	11°♂14'00	
morning max el	-3430 Aug 22 j 13:43	15° Π 05'10	46°31'05		-3427 Jan 01 j 23:24	0° \mathcal{Z}	
	-3430 Sep 05 j 21:09	0° \mathcal{E}			-3427 Jan 26 j 05:49	0° \approx	
asc. node	-3430 Sep 18 j 11:58	14° \mathcal{E} 01'45			-3427 Feb 19 j 18:17	0° \mathcal{H}	
	-3430 Oct 02 j 06:58	0° Ω		asc. node	-3427 Mar 05 j 06:10	16° \mathcal{H} 20'09	
	-3430 Oct 27 j 06:32	0° \mathcal{M}			-3427 Mar 16 j 15:34	0° \mathcal{Y}	
	-3430 Nov 20 j 16:49	0° \mathcal{E}			-3427 Apr 11 j 01:38	0° \mathcal{B}	
	-3430 Dec 14 j 23:29	0° \mathcal{M}			-3427 May 07 j 07:52	0° Π	
desc. node	-3429 Jan 08 j 07:20	0°♂01'54			-3427 Jun 04 j 05:53	0° \mathcal{E}	
	-3429 Jan 08 j 06:43	0°♂		evening max el	-3427 Jun 14 j 08:40	10° \mathcal{E} 02'15	45°55'47
	-3429 Feb 01 j 15:32	0° \mathcal{Z}		desc. node	-3427 Jun 25 j 00:57	19° \mathcal{E} 51'42	
	-3429 Feb 26 j 01:34	0° \approx			-3427 Jul 07 j 18:17	0° Ω	
morning set	-3429 Feb 27 j 06:08	1° \approx 27'40		greatest brilliancy	-3427 Jul 24 j 14:26	9° Ω 01'31	-4.8m
	-3429 Mar 22 j 12:14	0° \mathcal{H}		retrograde	-3427 Aug 02 j 17:37	10° Ω 33'29	
				evening set	-3427 Aug 20 j 17:58	4° Ω 34'26	
superior conj	-3429 Apr 05 j 05:28	16° \mathcal{H} 49'51	-0°55'41	inferior conj	-3427 Aug 23 j 14:33	2° Ω 51'50	-8°55'56
minimum elong	-3429 Apr 05 j 14:05	17° \mathcal{H} 16'15	0°55'24	minimum elong	-3427 Aug 23 j 15:51	2° Ω 49'51	8°55'48
max. Earth dist.	-3429 Apr 04 j 21:10	16° \mathcal{H} 24'24	1.73712 AU	min. Earth dist.	-3427 Aug 24 j 02:21	2° Ω 33'58	0.27159 AU
	-3429 Apr 15 j 22:59	0° \mathcal{Y}		morning rise	-3427 Aug 26 j 13:35	1° Ω 05'11	
asc. node	-3429 May 01 j 04:36	18° \mathcal{Y} 42'08			-3427 Aug 28 j 10:46	30° \mathcal{R} ♂	
	-3429 May 10 j 09:21	0° \mathcal{B}		direct	-3427 Sep 13 j 08:06	25° \mathcal{E} 05'21	
evening rise	-3429 May 11 j 06:42	1° \mathcal{B} 05'36		greatest brilliancy	-3427 Sep 24 j 06:41	27° \mathcal{E} 19'47	-4.9m
	-3429 Jun 03 j 19:07	0° Π			-3427 Sep 29 j 22:24	0° Ω	
	-3429 Jun 28 j 04:45	0° \mathcal{E}		asc. node	-3427 Oct 15 j 23:24	11° Ω 27'31	
	-3429 Jul 22 j 15:35	0° Ω		morning max el	-3427 Nov 03 j 03:35	28° Ω 39'14	46°53'06
	-3429 Aug 16 j 05:56	0° \mathcal{M}			-3427 Nov 04 j 10:58	0° \mathcal{M}	
desc. node	-3429 Aug 20 j 22:38	5° \mathcal{M} 41'43			-3427 Dec 01 j 18:27	0° \mathcal{E}	
	-3429 Sep 10 j 03:05	0° \mathcal{E}			-3427 Dec 27 j 11:01	0° \mathcal{M}	
	-3429 Oct 05 j 13:21	0° \mathcal{M}			-3426 Jan 21 j 14:57	0°♂	
	-3429 Nov 01 j 06:09	0°♂		desc. node	-3426 Feb 04 j 19:06	17°♂00'36	
evening max el	-3429 Nov 10 j 10:15	9°♂38'20	47°16'05		-3426 Feb 15 j 14:07	0° \mathcal{Z}	
	-3429 Dec 02 j 09:56	0° \mathcal{Z}			-3426 Mar 12 j 10:35	0° \approx	
asc. node	-3429 Dec 11 j 20:32	6° \mathcal{Z} 45'57			-3426 Apr 06 j 04:24	0° \mathcal{H}	
greatest brilliancy	-3429 Dec 20 j 13:29	11° \mathcal{Z} 14'59	-4.9m		-3426 Apr 30 j 19:05	0° \mathcal{Y}	
retrograde	-3429 Dec 31 j 09:12	13° \mathcal{Z} 28'43		morning set	-3426 May 06 j 01:56	6° \mathcal{Y} 28'01	
evening set	-3428 Jan 17 j 05:37	7° \mathcal{Z} 50'18			-3426 May 25 j 06:02	0° \mathcal{B}	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

asc. node	-3426 May 28 j 16:47	4° ♁ 14'46		asc. node	-3424 Nov 12 j 10:59	15° ♁ 34'17	
max. Earth dist.	-3426 Jun 07 j 02:36	15° ♁ 51'16	1.73099 AU	morning rise	-3424 Nov 12 j 15:05	15° ♁ 28'50	
				direct	-3424 Nov 26 j 15:50	11° ♁ 31'04	
superior conj	-3426 Jun 11 j 00:03	20° ♁ 40'05	0°30'39	greatest brilliancy	-3424 Dec 06 j 09:23	13° ♁ 20'19	-4.9m
minimum elong	-3426 Jun 10 j 18:20	20° ♁ 22'23	0°30'29		-3424 Dec 31 j 21:08	0° ♁	
	-3426 Jun 18 j 12:58	0° ♁		morning max el	-3423 Jan 15 j 15:42	13° ♁ 47'22	46°27'35
	-3426 Jul 12 j 16:25	0° ♁			-3423 Jan 31 j 09:01	0° ♁	
evening rise	-3426 Jul 16 j 22:56	5° ♁ 19'16			-3423 Feb 27 j 13:40	0° ♁	
	-3426 Aug 05 j 17:48	0° ♁		desc. node	-3423 Mar 04 j 06:56	5° ♁ 21'43	
	-3426 Aug 29 j 19:03	0° ♁			-3423 Mar 25 j 15:47	0° ♁	
desc. node	-3426 Sep 17 j 10:52	23° ♁ 13'03			-3423 Apr 20 j 03:50	0° ♁	
	-3426 Sep 22 j 22:03	0° ♁			-3423 May 15 j 05:52	0° ♁	
	-3426 Oct 17 j 04:40	0° ♁			-3423 Jun 08 j 23:12	0° ♁	
	-3426 Nov 10 j 17:44	0° ♁		asc. node	-3423 Jun 25 j 04:46	19° ♁ 55'19	
	-3426 Dec 05 j 19:41	0° ♁			-3423 Jul 03 j 08:32	0° ♁	
	-3425 Jan 01 j 02:28	0° ♁		morning set	-3423 Jul 12 j 14:04	11° ♁ 27'11	
asc. node	-3425 Jan 08 j 08:09	7° ♁ 49'39			-3423 Jul 27 j 11:02	0° ♁	
evening max el	-3425 Jan 20 j 05:58	20° ♁ 04'30	45°53'04	max. Earth dist.	-3423 Aug 16 j 02:31	24° ♁ 38'26	1.71403 AU
	-3425 Jan 30 j 18:14	0° ♁					
greatest brilliancy	-3425 Feb 27 j 16:17	18° ♁ 57'21	-4.7m	superior conj	-3423 Aug 19 j 01:21	28° ♁ 21'01	1°24'04
retrograde	-3425 Mar 10 j 11:37	21° ♁ 05'38		minimum elong	-3423 Aug 19 j 00:54	28° ♁ 19'38	1°24'10
evening set	-3425 Mar 27 j 03:25	15° ♁ 44'37			-3423 Aug 20 j 08:50	0° ♁	
inferior conj	-3425 Mar 31 j 22:36	12° ♁ 47'09	5°58'41		-3423 Sep 13 j 04:41	0° ♁	
minimum elong	-3425 Apr 01 j 07:37	12° ♁ 32'54	5°56'53	evening rise	-3423 Sep 27 j 20:05	18° ♁ 25'33	
min. Earth dist.	-3425 Apr 01 j 10:24	12° ♁ 28'31	0.29295 AU		-3423 Oct 07 j 01:03	0° ♁	
morning rise	-3425 Apr 06 j 11:44	9° ♁ 23'05		desc. node	-3423 Oct 14 j 23:13	9° ♁ 56'43	
direct	-3425 Apr 22 j 16:19	4° ♁ 21'01			-3423 Oct 30 j 23:33	0° ♁	
desc. node	-3425 Apr 30 j 03:45	5° ♁ 22'47			-3423 Nov 24 j 01:17	0° ♁	
greatest brilliancy	-3425 May 03 j 02:46	6° ♁ 18'14	-4.7m		-3423 Dec 18 j 07:56	0° ♁	
	-3425 Jun 06 j 02:35	0° ♁			-3422 Jan 11 j 23:08	0° ♁	
morning max el	-3425 Jun 10 j 16:31	4° ♁ 18'22	45°54'42	asc. node	-3422 Feb 04 j 20:10	28° ♁ 21'56	
	-3425 Jul 05 j 14:26	0° ♁			-3422 Feb 06 j 05:48	0° ♁	
	-3425 Aug 01 j 02:25	0° ♁			-3422 Mar 04 j 17:23	0° ♁	
asc. node	-3425 Aug 21 j 02:28	23° ♁ 46'14		evening max el	-3422 Apr 01 j 03:26	28° ♁ 16'53	45°08'29
	-3425 Aug 26 j 05:54	0° ♁			-3422 Apr 02 j 23:05	0° ♁	
	-3425 Sep 19 j 15:13	0° ♁		greatest brilliancy	-3422 May 08 j 19:02	25° ♁ 25'07	-4.7m
	-3425 Oct 13 j 15:11	0° ♁		retrograde	-3422 May 19 j 07:52	27° ♁ 23'03	
	-3425 Nov 06 j 12:04	0° ♁		desc. node	-3422 May 27 j 15:22	26° ♁ 02'45	
	-3425 Nov 30 j 09:50	0° ♁		evening set	-3422 Jun 03 j 06:09	23° ♁ 10'36	
desc. node	-3425 Dec 10 j 21:21	13° ♁ 06'26		inferior conj	-3422 Jun 09 j 15:57	19° ♁ 25'01	-2°59'47
morning set	-3425 Dec 12 j 12:23	15° ♁ 08'21		minimum elong	-3422 Jun 09 j 09:35	19° ♁ 34'48	2°57'56
	-3425 Dec 24 j 10:14	0° ♁		min. Earth dist.	-3422 Jun 10 j 02:10	19° ♁ 09'16	0.28469 AU
	-3424 Jan 17 j 13:27	0° ♁		morning rise	-3422 Jun 15 j 12:24	15° ♁ 55'55	
				direct	-3422 Jul 01 j 06:49	11° ♁ 14'07	
superior conj	-3424 Jan 22 j 18:16	6° ♁ 26'50	-1°17'58	greatest brilliancy	-3422 Jul 12 j 07:24	13° ♁ 25'23	-4.8m
minimum elong	-3424 Jan 22 j 10:53	6° ♁ 03'57	1°17'58		-3422 Aug 06 j 11:45	0° ♁	
max. Earth dist.	-3424 Jan 26 j 04:46	10° ♁ 42'20	1.72626 AU	morning max el	-3422 Aug 20 j 03:25	12° ♁ 44'47	46°29'42
	-3424 Feb 10 j 19:21	0° ♁			-3422 Sep 05 j 15:02	0° ♁	
evening rise	-3424 Mar 01 j 09:57	24° ♁ 09'33		asc. node	-3422 Sep 17 j 14:10	13° ♁ 22'28	
greatest brilliancy	-3424 Mar 04 j 13:36	28° ♁ 01'57	-3.9m		-3422 Oct 01 j 21:31	0° ♁	
	-3424 Mar 06 j 04:03	0° ♁			-3422 Oct 26 j 19:39	0° ♁	
	-3424 Mar 30 j 15:59	0° ♁			-3422 Nov 20 j 05:10	0° ♁	
asc. node	-3424 Apr 01 j 18:30	2° ♁ 34'07			-3422 Dec 14 j 11:21	0° ♁	
	-3424 Apr 24 j 07:46	0° ♁		desc. node	-3421 Jan 07 j 09:20	29° ♁ 32'35	
	-3424 May 19 j 04:18	0° ♁			-3421 Jan 07 j 18:13	0° ♁	
	-3424 Jun 13 j 07:33	0° ♁			-3421 Feb 01 j 02:44	0° ♁	
	-3424 Jul 08 j 22:05	0° ♁		morning set	-3421 Feb 24 j 21:58	29° ♁ 15'17	
desc. node	-3424 Jul 22 j 12:37	15° ♁ 34'26			-3421 Feb 25 j 12:32	0° ♁	
	-3424 Aug 04 j 10:50	0° ♁			-3421 Mar 21 j 23:02	0° ♁	
evening max el	-3424 Aug 27 j 05:13	24° ♁ 00'31	47°19'58				
	-3424 Sep 02 j 08:34	0° ♁		superior conj	-3421 Apr 02 j 23:49	14° ♁ 45'55	-0°57'58
greatest brilliancy	-3424 Oct 07 j 04:15	25° ♁ 07'02	-4.9m	minimum elong	-3421 Apr 03 j 08:31	15° ♁ 12'35	0°57'41
retrograde	-3424 Oct 16 j 21:00	26° ♁ 54'39		max. Earth dist.	-3421 Apr 02 j 17:43	14° ♁ 27'13	1.73696 AU
evening set	-3424 Oct 31 j 11:44	22° ♁ 36'51			-3421 Apr 15 j 09:44	0° ♁	
inferior conj	-3424 Nov 06 j 09:42	19° ♁ 06'52	-1°33'11	asc. node	-3421 Apr 30 j 06:45	18° ♁ 15'42	
minimum elong	-3424 Nov 06 j 13:10	19° ♁ 01'33	1°32'06	evening rise	-3421 May 09 j 02:18	29° ♁ 05'09	
min. Earth dist.	-3424 Nov 06 j 00:37	19° ♁ 20'48	0.26417 AU		-3421 May 09 j 20:09	0° ♁	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3421 Jun 03 j 06:08	0°II		morning max el	-3419 Oct 31 j 18:08	26°Ω14'56	46°53'06
	-3421 Jun 27 j 16:06	0°☾			-3419 Nov 04 j 08:58	0°♐	
	-3421 Jul 22 j 03:28	0°Ω			-3419 Dec 01 j 10:51	0°♊	
	-3421 Aug 15 j 18:32	0°♑			-3419 Dec 27 j 01:10	0°♋	
desc. node	-3421 Aug 20 j 00:47	5°♑09'39			-3418 Jan 21 j 03:53	0°♌	
	-3421 Sep 09 j 16:44	0°♋		desc. node	-3418 Feb 03 j 21:20	16°♌29'48	
	-3421 Oct 05 j 04:49	0°♌			-3418 Feb 15 j 02:17	0°♍	
	-3421 Nov 01 j 01:45	0°♌			-3418 Mar 11 j 22:14	0°♎	
evening max el	-3421 Nov 08 j 00:19	7°♌15'09	47°18'07		-3418 Apr 05 j 15:42	0°♏	
	-3421 Dec 03 j 01:07	0°♍			-3418 Apr 30 j 06:09	0°♐	
asc. node	-3421 Dec 10 j 22:33	5°♍19'55		morning set	-3418 May 03 j 20:50	4°♐25'07	
greatest brilliancy	-3421 Dec 18 j 06:27	8°♍58'41	-4.9m		-3418 May 24 j 17:00	0°♑	
retrograde	-3421 Dec 29 j 00:43	11°♍11'37		asc. node	-3418 May 27 j 18:50	3°♑47'16	
evening set	-3420 Jan 14 j 18:29	5°♍37'59		max. Earth dist.	-3418 Jun 05 j 00:37	13°♑57'06	1.73142 AU
min. Earth dist.	-3420 Jan 18 j 05:09	3°♍28'56	0.28240 AU				
inferior conj	-3420 Jan 19 j 03:32	2°♍53'11	7°38'33	superior conj	-3418 Jun 08 j 18:43	18°♑35'25	0°27'44
minimum elong	-3420 Jan 18 j 20:18	3°♍04'44	7°37'31	minimum elong	-3418 Jun 08 j 13:29	18°♑19'13	0°27'36
morning rise	-3420 Jan 22 j 22:33	0°♍30'23			-3418 Jun 17 j 23:58	0°♒	
	-3420 Jan 23 j 18:54	30°♒♌			-3418 Jul 12 j 03:32	0°☾	
direct	-3420 Feb 09 j 03:07	24°♌46'58		evening rise	-3418 Jul 14 j 16:28	3°☾09'46	
greatest brilliancy	-3420 Feb 17 j 22:34	26°♌13'10	-4.8m		-3418 Aug 05 j 05:06	0°Ω	
	-3420 Feb 26 j 14:14	0°♍			-3418 Aug 29 j 06:37	0°♑	
morning max el	-3420 Mar 28 j 22:30	24°♍46'24	45°53'11	desc. node	-3418 Sep 16 j 13:03	22°♑43'03	
desc. node	-3420 Mar 31 j 18:25	27°♍30'06			-3418 Sep 22 j 09:59	0°♋	
	-3420 Apr 03 j 07:33	0°♎			-3418 Oct 16 j 17:04	0°♌	
	-3420 May 01 j 20:30	0°♏			-3418 Nov 10 j 06:51	0°♍	
	-3420 May 28 j 09:35	0°♐			-3418 Dec 05 j 10:04	0°♑	
	-3420 Jun 22 j 22:05	0°♑			-3418 Dec 31 j 19:45	0°♒	
	-3420 Jul 17 j 17:49	0°♒		asc. node	-3417 Jan 07 j 10:23	7°♒06'11	
asc. node	-3420 Jul 22 j 16:47	6°♒04'22		evening max el	-3417 Jan 17 j 22:13	17°♒52'00	45°55'55
	-3420 Aug 11 j 01:10	0°☾			-3417 Jan 30 j 22:12	0°♏	
	-3420 Sep 04 j 00:11	0°Ω		greatest brilliancy	-3417 Feb 25 j 08:40	16°♏48'25	-4.7m
greatest brilliancy	-3420 Sep 10 j 01:50	7°Ω38'28	-3.9m	retrograde	-3417 Mar 08 j 05:02	18°♏57'22	
morning set	-3420 Sep 22 j 20:07	23°Ω44'24		evening set	-3417 Mar 24 j 22:47	13°♏32'24	
	-3420 Sep 27 j 19:04	0°♑		inferior conj	-3417 Mar 29 j 15:27	10°♏38'13	6°11'31
	-3420 Oct 21 j 13:25	0°♋		minimum elong	-3417 Mar 30 j 00:25	10°♏24'00	6°09'47
				min. Earth dist.	-3417 Mar 30 j 02:04	10°♏21'24	0.29300 AU
superior conj	-3420 Nov 02 j 22:34	15°♋35'57	0°19'51	morning rise	-3417 Apr 04 j 02:05	7°♏17'46	
minimum elong	-3420 Nov 03 j 03:52	15°♋52'39	0°19'33	direct	-3417 Apr 20 j 09:31	2°♏12'12	
max. Earth dist.	-3420 Nov 06 j 18:25	20°♋24'50	1.71056 AU	desc. node	-3417 Apr 29 j 05:49	3°♏38'00	
desc. node	-3420 Nov 11 j 11:21	26°♋19'40		greatest brilliancy	-3417 Apr 30 j 17:25	4°♏07'38	-4.7m
	-3420 Nov 14 j 09:32	0°♌			-3417 Jun 06 j 02:38	0°♐	
	-3420 Dec 08 j 08:26	0°♌		morning max el	-3417 Jun 08 j 09:32	2°♐10'15	45°53'56
evening rise	-3420 Dec 15 j 07:27	8°♌41'00			-3417 Jul 05 j 06:45	0°♑	
	-3419 Jan 01 j 10:40	0°♍			-3417 Jul 31 j 16:13	0°♒	
	-3419 Jan 25 j 17:12	0°♎		asc. node	-3417 Aug 20 j 04:40	23°♒14'06	
	-3419 Feb 19 j 05:56	0°♏			-3417 Aug 25 j 18:33	0°☾	
asc. node	-3419 Mar 04 j 08:24	15°♏51'06			-3417 Sep 19 j 03:18	0°Ω	
	-3419 Mar 16 j 03:44	0°♐			-3417 Oct 13 j 02:56	0°♑	
	-3419 Apr 10 j 14:50	0°♑			-3417 Nov 05 j 23:38	0°♋	
	-3419 May 06 j 23:08	0°♒			-3417 Nov 29 j 21:17	0°♌	
	-3419 Jun 04 j 02:19	0°☾		morning set	-3417 Dec 09 j 22:25	12°♌34'09	
evening max el	-3419 Jun 11 j 21:52	7°☾41'52	45°53'07	desc. node	-3417 Dec 09 j 23:25	12°♌37'16	
desc. node	-3419 Jun 24 j 03:00	18°☾50'12			-3417 Dec 23 j 21:35	0°♌	
	-3419 Jul 08 j 19:10	0°Ω			-3416 Jan 17 j 00:43	0°♍	
greatest brilliancy	-3419 Jul 22 j 01:13	6°Ω36'16	-4.8m				
retrograde	-3419 Jul 31 j 06:34	8°Ω09'50		superior conj	-3416 Jan 20 j 07:01	4°♍02'43	-1°16'33
evening set	-3419 Aug 18 j 05:58	2°Ω11'11		minimum elong	-3416 Jan 19 j 22:57	3°♍37'44	1°16'31
inferior conj	-3419 Aug 21 j 03:25	0°Ω27'25	-8°56'12	max. Earth dist.	-3416 Jan 23 j 21:38	8°♍31'06	1.72573 AU
minimum elong	-3419 Aug 21 j 03:48	0°Ω26'50	8°56'06		-3416 Feb 10 j 06:33	0°♎	
min. Earth dist.	-3419 Aug 21 j 14:45	0°Ω10'18	0.27212 AU	evening rise	-3416 Feb 28 j 01:44	21°♎56'08	
	-3419 Aug 21 j 21:34	30°♒☾		greatest brilliancy	-3416 Mar 03 j 02:29	26°♎53'28	-3.9m
morning rise	-3419 Aug 24 j 01:29	28°☾42'23			-3416 Mar 05 j 15:14	0°♏	
direct	-3419 Sep 10 j 21:57	22°☾39'57			-3416 Mar 30 j 03:19	0°♐	
greatest brilliancy	-3419 Sep 21 j 20:34	24°☾54'44	-4.9m	asc. node	-3416 Mar 31 j 20:34	2°♐05'51	
	-3419 Oct 01 j 13:41	0°Ω			-3416 Apr 23 j 19:26	0°♑	
asc. node	-3419 Oct 15 j 01:35	10°Ω19'30			-3416 May 18 j 16:33	0°♒	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3416 Jun 12 j 20:45	0°☿			-3413 Jan 31 j 14:02	0°♄	
	-3416 Jul 08 j 12:53	0°♌		morning set	-3413 Feb 22 j 13:42	27°♄02'02	
desc. node	-3416 Jul 21 j 14:51	14°♌55'12			-3413 Feb 24 j 23:38	0°♊	
	-3416 Aug 04 j 04:49	0°♍			-3413 Mar 21 j 10:02	0°♋	
evening max el	-3416 Aug 24 j 19:45	21°♍37'48	47°18'01				
	-3416 Sep 02 j 11:59	0°♎		superior conj	-3413 Mar 31 j 18:00	12°♋40'49	-1°00'10
greatest brilliancy	-3416 Oct 04 j 18:05	22°♎38'23	-4.9m	minimum elong	-3413 Apr 01 j 02:44	13°♋07'38	0°59'55
retrograde	-3416 Oct 14 j 09:44	24°♎24'28		max. Earth dist.	-3413 Mar 31 j 12:46	12°♋24'45	1.73687 AU
evening set	-3416 Oct 29 j 02:04	20°♎05'21			-3413 Apr 14 j 20:42	0°♌	
inferior conj	-3416 Nov 03 j 22:13	16°♎37'44	-1°57'00	asc. node	-3413 Apr 29 j 08:46	17°♌48'11	
minimum elong	-3416 Nov 04 j 02:33	16°♎31'06	1°55'40	evening rise	-3413 May 06 j 21:32	27°♌02'59	
min. Earth dist.	-3416 Nov 03 j 14:22	16°♎49'48	0.26395 AU		-3413 May 09 j 07:12	0°♍	
morning rise	-3416 Nov 10 j 03:30	12°♎59'52			-3413 Jun 02 j 17:22	0°♎	
asc. node	-3416 Nov 11 j 12:59	12°♎17'13			-3413 Jun 27 j 03:41	0°☿	
direct	-3416 Nov 24 j 04:36	9°♎02'42			-3413 Jul 21 j 15:35	0°♌	
greatest brilliancy	-3416 Dec 03 j 22:55	10°♎52'32	-4.9m		-3413 Aug 15 j 07:23	0°♍	
	-3415 Jan 01 j 04:33	0°♏		desc. node	-3413 Aug 19 j 02:53	4°♍36'41	
morning max el	-3415 Jan 13 j 04:46	11°♏22'41	46°28'43		-3413 Sep 09 j 06:41	0°♎	
	-3415 Jan 31 j 03:39	0°♐			-3413 Oct 04 j 20:40	0°♏	
	-3415 Feb 27 j 04:36	0°♑			-3413 Oct 31 j 22:04	0°♐	
desc. node	-3415 Mar 03 j 09:04	4°♑46'13		evening max el	-3413 Nov 05 j 14:37	4°♐52'15	47°20'16
	-3415 Mar 25 j 05:00	0°♒			-3413 Dec 03 j 21:33	0°♑	
	-3415 Apr 19 j 16:05	0°♋		asc. node	-3413 Dec 10 j 00:48	3°♑51'16	
	-3415 May 14 j 17:32	0°♌		greatest brilliancy	-3413 Dec 15 j 23:03	6°♑41'43	-4.9m
	-3415 Jun 08 j 10:33	0°♍		retrograde	-3413 Dec 26 j 16:41	8°♑54'38	
asc. node	-3415 Jun 24 j 06:56	19°♍27'25		evening set	-3412 Jan 12 j 07:16	3°♑25'36	
	-3415 Jul 02 j 19:44	0°♎		min. Earth dist.	-3412 Jan 15 j 20:10	1°♑13'36	0.28166 AU
morning set	-3415 Jul 10 j 06:35	9°♎14'39		inferior conj	-3412 Jan 16 j 19:11	0°♑36'54	7°30'03
	-3415 Jul 26 j 22:12	0°☿		minimum elong	-3412 Jan 16 j 11:29	0°♑49'12	7°28'53
max. Earth dist.	-3415 Aug 13 j 10:25	21°☿57'14	1.71455 AU		-3412 Jan 17 j 18:21	30°♒♐	
				morning rise	-3412 Jan 20 j 16:08	28°♐11'27	
superior conj	-3415 Aug 16 j 15:54	26°☿00'38	1°23'54	direct	-3412 Feb 06 j 17:20	22°♐31'42	
minimum elong	-3415 Aug 16 j 14:37	25°☿56'36	1°24'00	greatest brilliancy	-3412 Feb 15 j 13:20	23°♐58'22	-4.8m
	-3415 Aug 19 j 20:03	0°♌			-3412 Feb 28 j 00:38	0°♑	
	-3415 Sep 12 j 16:00	0°♍		morning max el	-3412 Mar 26 j 13:31	22°♑33'11	45°53'54
evening rise	-3415 Sep 25 j 06:21	15°♍51'07		desc. node	-3412 Mar 30 j 20:30	26°♑42'38	
	-3415 Oct 06 j 12:29	0°♎			-3412 Apr 03 j 04:05	0°♒	
desc. node	-3415 Oct 14 j 01:14	9°♎27'09			-3412 May 01 j 11:45	0°♋	
	-3415 Oct 30 j 11:06	0°♏			-3412 May 27 j 22:48	0°♌	
	-3415 Nov 23 j 13:00	0°♐			-3412 Jun 22 j 10:17	0°♍	
	-3415 Dec 17 j 19:55	0°♑			-3412 Jul 17 j 05:29	0°♎	
	-3414 Jan 11 j 11:40	0°♒		asc. node	-3412 Jul 21 j 18:59	5°♎35'30	
asc. node	-3414 Feb 03 j 22:19	27°♒48'38			-3412 Aug 10 j 12:33	0°☿	
	-3414 Feb 05 j 19:27	0°♋			-3412 Sep 03 j 11:27	0°♌	
	-3414 Mar 04 j 09:38	0°♌		greatest brilliancy	-3412 Sep 09 j 16:29	7°♌49'13	-3.9m
evening max el	-3414 Mar 29 j 17:58	26°♌02'37	45°08'29	morning set	-3412 Sep 20 j 07:53	21°♌14'33	
	-3414 Apr 02 j 23:25	0°♍			-3412 Sep 27 j 06:19	0°♍	
greatest brilliancy	-3414 May 06 j 10:12	23°♍13'07	-4.7m		-3412 Oct 21 j 00:40	0°♎	
retrograde	-3414 May 16 j 22:34	25°♍11'09					
desc. node	-3414 May 26 j 17:26	23°♍20'00		superior conj	-3412 Oct 31 j 07:17	12°♎56'57	0°23'44
evening set	-3414 May 31 j 20:45	20°♍59'05		minimum elong	-3412 Oct 31 j 13:34	13°♎16'42	0°23'26
inferior conj	-3414 Jun 07 j 07:23	17°♍12'32	-2°40'19	max. Earth dist.	-3412 Nov 03 j 22:02	17°♎29'55	1.71028 AU
minimum elong	-3414 Jun 07 j 01:39	17°♍21'22	2°38'37	desc. node	-3412 Nov 10 j 13:25	25°♎50'49	
min. Earth dist.	-3414 Jun 07 j 18:23	16°♍55'35	0.28508 AU		-3412 Nov 13 j 20:47	0°♏	
morning rise	-3414 Jun 13 j 05:49	13°♍40'22			-3412 Dec 07 j 19:40	0°♐	
direct	-3414 Jun 28 j 22:00	9°♍00'42		evening rise	-3412 Dec 12 j 17:37	6°♐08'01	
greatest brilliancy	-3414 Jul 09 j 23:54	11°♍12'32	-4.8m		-3412 Dec 31 j 21:54	0°♑	
	-3414 Aug 06 j 17:01	0°♎			-3411 Jan 25 j 04:31	0°♒	
morning max el	-3414 Aug 17 j 17:21	10°♎24'13	46°28'25		-3411 Feb 18 j 17:29	0°♋	
	-3414 Sep 05 j 08:51	0°☿		asc. node	-3411 Mar 03 j 10:28	15°♋21'51	
asc. node	-3414 Sep 16 j 16:16	12°☿42'28			-3411 Mar 15 j 15:49	0°♌	
	-3414 Oct 01 j 12:11	0°♌			-3411 Apr 10 j 04:00	0°♍	
	-3414 Oct 26 j 08:55	0°♍			-3411 May 06 j 14:35	0°♎	
	-3414 Nov 19 j 17:40	0°♎			-3411 Jun 03 j 23:27	0°☿	
	-3414 Dec 13 j 23:20	0°♏		evening max el	-3411 Jun 09 j 12:05	5°☿24'02	45°50'19
desc. node	-3413 Jan 06 j 11:34	29°♏03'44		desc. node	-3411 Jun 23 j 05:15	17°☿47'25	
	-3413 Jan 07 j 05:48	0°♐			-3411 Jul 10 j 06:04	0°♌	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

greatest brilliancy	-3411 Jul 19 j 11:46	4°Ω10'44	-4.8m	superior conj	-3408 Jan 17 j 19:36	1°☾39'02	-1°15'00
retrograde	-3411 Jul 28 j 19:34	5°Ω45'50		minimum elong	-3408 Jan 17 j 10:54	1°☾12'04	1°14'56
	-3411 Aug 15 j 09:35	30°κ☿		max. Earth dist.	-3408 Jan 21 j 15:24	6°☾23'36	1.72516 AU
evening set	-3411 Aug 15 j 17:21	29°☿48'40			-3408 Feb 09 j 17:24	0°≈	
inferior conj	-3411 Aug 18 j 16:11	28°☿02'50	-8°55'28	evening rise	-3408 Feb 25 j 17:30	19°≈43'35	
minimum elong	-3411 Aug 18 j 15:37	28°☿03'41	8°55'22	greatest brilliancy	-3408 Mar 01 j 19:35	25°≈58'53	-3.9m
min. Earth dist.	-3411 Aug 19 j 02:50	27°☿46'45	0.27262 AU		-3408 Mar 05 j 02:06	0°κ	
morning rise	-3411 Aug 21 j 13:45	26°☿18'37			-3408 Mar 29 j 14:18	0°γ	
direct	-3411 Sep 08 j 12:05	20°☿14'40		asc. node	-3408 Mar 30 j 22:39	1°γ38'41	
greatest brilliancy	-3411 Sep 19 j 09:45	22°☿28'55	-4.9m		-3408 Apr 23 j 06:44	0°δ	
	-3411 Oct 02 j 17:10	0°Ω			-3408 May 18 j 04:25	0°Π	
asc. node	-3411 Oct 14 j 03:40	9°Ω13'10			-3408 Jun 12 j 09:34	0°☿	
morning max el	-3411 Oct 29 j 08:40	23°Ω51'01	46°53'02		-3408 Jul 08 j 03:25	0°Ω	
	-3411 Nov 04 j 06:05	0°η		desc. node	-3408 Jul 20 j 16:53	14°Ω16'06	
	-3411 Dec 01 j 02:51	0°♁			-3408 Aug 03 j 22:52	0°η	
	-3411 Dec 26 j 15:03	0°♌		evening max el	-3408 Aug 22 j 09:09	19°η12'58	47°15'35
	-3410 Jan 20 j 16:34	0°♊			-3408 Sep 02 j 16:53	0°♁	
desc. node	-3410 Feb 02 j 23:23	15°♊59'05		greatest brilliancy	-3408 Oct 02 j 08:14	20°♁09'59	-4.9m
	-3410 Feb 14 j 14:13	0°☾		retrograde	-3408 Oct 11 j 21:39	21°♁53'49	
	-3410 Mar 11 j 09:38	0°≈		evening set	-3408 Oct 26 j 16:14	17°♁33'07	
	-3410 Apr 05 j 02:44	0°κ		inferior conj	-3408 Nov 01 j 10:26	14°♁08'19	-2°20'51
	-3410 Apr 29 j 16:58	0°γ		minimum elong	-3408 Nov 01 j 15:35	14°♁00'23	2°19'16
morning set	-3410 May 01 j 16:03	2°γ24'01		min. Earth dist.	-3408 Nov 01 j 04:14	14°♁17'49	0.26378 AU
	-3410 May 24 j 03:44	0°δ		morning rise	-3408 Nov 07 j 15:20	10°♁30'45	
asc. node	-3410 May 26 j 21:02	3°δ20'57		asc. node	-3408 Nov 10 j 15:13	9°♁03'23	
max. Earth dist.	-3410 Jun 02 j 22:05	12°δ02'01	1.73190 AU	direct	-3408 Nov 21 j 16:25	6°♁33'44	
				greatest brilliancy	-3408 Dec 01 j 12:46	8°♁24'53	-4.9m
superior conj	-3410 Jun 06 j 13:33	16°δ32'00	0°24'49		-3407 Jan 01 j 09:36	0°♌	
minimum elong	-3410 Jun 06 j 08:49	16°δ17'23	0°24'41	morning max el	-3407 Jan 10 j 16:58	8°♌56'11	46°30'06
	-3410 Jun 17 j 10:46	0°Π			-3407 Jan 30 j 21:32	0°♊	
	-3410 Jul 11 j 14:30	0°☿			-3407 Feb 26 j 19:00	0°☾	
evening rise	-3410 Jul 12 j 10:02	1°☿00'49		desc. node	-3407 Mar 02 j 11:06	4°☾11'45	
	-3410 Aug 04 j 16:18	0°Ω			-3407 Mar 24 j 17:43	0°≈	
	-3410 Aug 28 j 18:05	0°η			-3407 Apr 19 j 03:53	0°κ	
desc. node	-3410 Sep 15 j 15:02	22°η12'52			-3407 May 14 j 04:47	0°γ	
	-3410 Sep 21 j 21:47	0°♁			-3407 Jun 07 j 21:29	0°δ	
	-3410 Oct 16 j 05:21	0°♌		asc. node	-3407 Jun 23 j 09:08	19°δ00'53	
	-3410 Nov 09 j 19:51	0°♊			-3407 Jul 02 j 06:31	0°Π	
	-3410 Dec 05 j 00:22	0°☾		morning set	-3407 Jul 07 j 23:39	7°Π05'10	
	-3410 Dec 31 j 13:04	0°≈			-3407 Jul 26 j 08:57	0°☿	
asc. node	-3409 Jan 06 j 12:33	6°≈22'46		max. Earth dist.	-3407 Aug 10 j 22:10	19°☿29'29	1.71514 AU
evening max el	-3409 Jan 15 j 14:41	15°≈40'44	45°58'47				
	-3409 Jan 31 j 03:35	0°κ		superior conj	-3407 Aug 14 j 06:56	23°☿43'06	1°23'35
greatest brilliancy	-3409 Feb 23 j 01:58	14°κ41'43	-4.7m	minimum elong	-3407 Aug 14 j 04:52	23°☿36'37	1°23'42
retrograde	-3409 Mar 05 j 22:24	16°κ50'29			-3407 Aug 19 j 06:52	0°Ω	
evening set	-3409 Mar 22 j 18:21	11°κ21'55			-3407 Sep 12 j 02:58	0°η	
inferior conj	-3409 Mar 27 j 08:31	8°κ30'57	6°23'44	evening rise	-3407 Sep 22 j 16:56	13°η18'45	
minimum elong	-3409 Mar 27 j 17:23	8°κ16'53	6°22'07		-3407 Oct 05 j 23:38	0°♁	
min. Earth dist.	-3409 Mar 27 j 18:05	8°κ15'48	0.29299 AU	desc. node	-3407 Oct 13 j 03:21	8°♁58'41	
morning rise	-3409 Apr 01 j 16:31	5°κ14'04			-3407 Oct 29 j 22:25	0°♌	
direct	-3409 Apr 18 j 02:46	0°κ05'17			-3407 Nov 23 j 00:29	0°♊	
desc. node	-3409 Apr 28 j 07:52	1°κ58'24			-3407 Dec 17 j 07:41	0°☾	
greatest brilliancy	-3409 Apr 28 j 08:02	1°κ58'32	-4.7m		-3406 Jan 10 j 23:59	0°≈	
morning max el	-3409 Jun 06 j 01:53	0°γ01'54	45°53'05	asc. node	-3406 Feb 03 j 00:22	27°≈15'45	
	-3409 Jun 06 j 01:05	0°γ			-3406 Feb 05 j 08:55	0°κ	
	-3409 Jul 04 j 22:23	0°δ			-3406 Mar 04 j 01:47	0°γ	
	-3409 Jul 31 j 05:34	0°Π		evening max el	-3406 Mar 27 j 08:33	23°γ49'43	45°08'46
asc. node	-3409 Aug 19 j 06:41	22°Π42'23			-3406 Apr 03 j 00:27	0°δ	
	-3409 Aug 25 j 06:54	0°☿		greatest brilliancy	-3406 May 04 j 01:07	21°δ02'33	-4.7m
	-3409 Sep 18 j 15:07	0°Ω		retrograde	-3406 May 14 j 13:57	23°δ01'27	
	-3409 Oct 12 j 14:27	0°η		desc. node	-3406 May 25 j 19:41	20°δ34'58	
	-3409 Nov 05 j 10:57	0°♁		evening set	-3406 May 29 j 11:48	18°δ49'16	
	-3409 Nov 29 j 08:29	0°♌		inferior conj	-3406 Jun 04 j 23:03	15°δ02'04	-2°20'51
morning set	-3409 Dec 07 j 08:15	10°♌00'06		minimum elong	-3406 Jun 04 j 17:58	15°δ09'54	2°19'18
desc. node	-3409 Dec 09 j 01:37	12°♌09'25		min. Earth dist.	-3406 Jun 05 j 10:41	14°δ44'10	0.28545 AU
	-3409 Dec 23 j 08:39	0°♊		morning rise	-3406 Jun 10 j 23:22	11°δ27'14	
	-3408 Jan 16 j 11:40	0°☾		direct	-3406 Jun 26 j 13:30	6°δ49'14	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

greatest brilliancy	-3406 Jul 07 j 16:37	9°♄01'58	-4.8m			-3404 Dec 31 j 09:01	0°♄		
	-3406 Aug 06 j 19:47	0°♄				-3403 Jan 24 j 15:46	0°♄		
morning max el	-3406 Aug 15 j 08:28	8°♄08'22	46°27'11			-3403 Feb 18 j 05:00	0°♄		
	-3406 Sep 05 j 01:44	0°♄		asc. node		-3403 Mar 02 j 12:33	14°♄52'42		
asc. node	-3406 Sep 15 j 18:23	12°♄04'20				-3403 Mar 15 j 03:54	0°♄		
	-3406 Oct 01 j 02:14	0°♄				-3403 Apr 09 j 17:15	0°♄		
	-3406 Oct 25 j 21:45	0°♄				-3403 May 06 j 06:12	0°♄		
	-3406 Nov 19 j 05:50	0°♄				-3403 Jun 03 j 21:17	0°♄		
	-3406 Dec 13 j 11:04	0°♄		evening max el		-3403 Jun 07 j 02:50	3°♄07'54	45°47'38	
desc. node	-3405 Jan 05 j 13:37	28°♄34'54		desc. node		-3403 Jun 22 j 07:17	16°♄42'56		
	-3405 Jan 06 j 17:12	0°♄				-3403 Jul 12 j 10:09	0°♄		
	-3405 Jan 31 j 01:08	0°♄		greatest brilliancy		-3403 Jul 16 j 22:39	1°♄46'21	-4.8m	
morning set	-3405 Feb 20 j 04:51	24°♄47'36		retrograde		-3403 Jul 26 j 08:23	3°♄22'26		
	-3405 Feb 24 j 10:31	0°♄				-3403 Aug 08 j 12:28	30°♄		
	-3405 Mar 20 j 20:46	0°♄		evening set		-3403 Aug 13 j 04:27	27°♄27'40		
				inferior conj		-3403 Aug 16 j 05:03	25°♄39'01	-8°53'55	
superior conj	-3405 Mar 29 j 11:53	10°♄35'37	-1°02'19	minimum elong		-3403 Aug 16 j 03:32	25°♄41'18	8°53'46	
minimum elong	-3405 Mar 29 j 20:38	11°♄02'28	1°02'05	min. Earth dist.		-3403 Aug 16 j 15:04	25°♄23'52	0.27308 AU	
max. Earth dist.	-3405 Mar 29 j 08:35	10°♄25'30	1.73673 AU	morning rise		-3403 Aug 19 j 02:32	23°♄54'49		
	-3405 Apr 14 j 07:24	0°♄		direct		-3403 Sep 06 j 02:18	17°♄50'18		
asc. node	-3405 Apr 28 j 10:58	17°♄22'04		greatest brilliancy		-3403 Sep 16 j 22:48	20°♄03'26	-4.9m	
evening rise	-3405 May 04 j 16:49	25°♄01'51				-3403 Oct 03 j 13:04	0°♄		
	-3405 May 08 j 17:59	0°♄		asc. node		-3403 Oct 13 j 05:50	8°♄09'09		
	-3405 Jun 02 j 04:21	0°♄		morning max el		-3403 Oct 26 j 22:43	21°♄26'21	46°53'01	
	-3405 Jun 26 j 15:00	0°♄				-3403 Nov 04 j 02:20	0°♄		
	-3405 Jul 21 j 03:24	0°♄				-3403 Nov 30 j 18:26	0°♄		
	-3405 Aug 14 j 19:56	0°♄				-3403 Dec 26 j 04:39	0°♄		
desc. node	-3405 Aug 18 j 04:57	4°♄04'38				-3402 Jan 20 j 05:07	0°♄		
	-3405 Sep 08 j 20:22	0°♄		desc. node		-3402 Feb 02 j 01:25	15°♄28'38		
	-3405 Oct 04 j 12:22	0°♄				-3402 Feb 14 j 02:05	0°♄		
	-3405 Oct 31 j 18:44	0°♄				-3402 Mar 10 j 21:02	0°♄		
evening max el	-3405 Nov 03 j 05:40	2°♄32'01	47°22'01			-3402 Apr 04 j 13:49	0°♄		
	-3405 Dec 05 j 01:32	0°♄		morning set		-3402 Apr 29 j 10:53	0°♄21'33		
asc. node	-3405 Dec 09 j 02:56	2°♄19'17				-3402 Apr 29 j 03:50	0°♄		
greatest brilliancy	-3405 Dec 13 j 14:50	4°♄23'23	-4.9m			-3402 May 23 j 14:32	0°♄		
retrograde	-3405 Dec 24 j 08:43	6°♄36'52		asc. node		-3402 May 25 j 23:09	2°♄54'14		
evening set	-3404 Jan 09 j 19:38	1°♄12'23		max. Earth dist.		-3402 May 31 j 17:48	10°♄01'26	1.73231 AU	
	-3404 Jan 11 j 19:03	30°♄							
min. Earth dist.	-3404 Jan 13 j 10:42	28°♄57'32	0.28095 AU	superior conj		-3402 Jun 04 j 08:06	14°♄27'41	0°21'51	
inferior conj	-3404 Jan 14 j 10:30	28°♄19'40	7°20'38	minimum elong		-3402 Jun 04 j 03:54	14°♄14'43	0°21'44	
minimum elong	-3404 Jan 14 j 02:22	28°♄32'36	7°19'18			-3402 Jun 16 j 21:37	0°♄		
morning rise	-3404 Jan 18 j 09:35	25°♄51'23		evening rise		-3402 Jul 10 j 03:31	28°♄51'39		
direct	-3404 Feb 04 j 07:39	20°♄15'28				-3402 Jul 11 j 01:30	0°♄		
greatest brilliancy	-3404 Feb 13 j 03:31	21°♄42'22	-4.8m			-3402 Aug 04 j 03:31	0°♄		
	-3404 Feb 29 j 01:16	0°♄				-3402 Aug 28 j 05:36	0°♄		
morning max el	-3404 Mar 24 j 05:15	20°♄21'43	45°54'46	desc. node		-3402 Sep 14 j 17:11	21°♄42'57		
desc. node	-3404 Mar 29 j 22:38	25°♄56'11				-3402 Sep 21 j 09:40	0°♄		
	-3404 Apr 02 j 23:56	0°♄				-3402 Oct 15 j 17:43	0°♄		
	-3404 May 01 j 02:39	0°♄				-3402 Nov 09 j 08:55	0°♄		
	-3404 May 27 j 11:43	0°♄				-3402 Dec 04 j 14:45	0°♄		
	-3404 Jun 21 j 22:13	0°♄				-3402 Dec 31 j 06:44	0°♄		
	-3404 Jul 16 j 16:54	0°♄		asc. node		-3401 Jan 05 j 14:33	5°♄38'27		
asc. node	-3404 Jul 20 j 20:56	5°♄06'39		evening max el		-3401 Jan 13 j 06:26	13°♄27'29	46°01'31	
	-3404 Aug 09 j 23:42	0°♄				-3401 Jan 31 j 11:17	0°♄		
	-3404 Sep 02 j 22:30	0°♄		greatest brilliancy		-3401 Feb 20 j 19:31	12°♄34'51	-4.7m	
greatest brilliancy	-3404 Sep 09 j 04:53	7°♄53'32	-3.9m	retrograde		-3401 Mar 03 j 15:10	14°♄42'56		
morning set	-3404 Sep 17 j 20:20	18°♄47'41		evening set		-3401 Mar 20 j 13:49	9°♄10'50		
	-3404 Sep 26 j 17:19	0°♄		inferior conj		-3401 Mar 25 j 01:33	6°♄23'06	6°35'32	
	-3404 Oct 20 j 11:40	0°♄		minimum elong		-3401 Mar 25 j 10:15	6°♄09'16	6°34'00	
				min. Earth dist.		-3401 Mar 25 j 10:20	6°♄09'07	0.29300 AU	
superior conj	-3404 Oct 28 j 16:36	10°♄20'27	0°27'33	morning rise		-3401 Mar 30 j 06:46	3°♄09'46		
minimum elong	-3404 Oct 28 j 23:46	10°♄43'01	0°27'12			-3401 Apr 05 j 15:29	30°♄		
max. Earth dist.	-3404 Nov 01 j 06:07	14°♄49'40	1.71004 AU	direct		-3401 Apr 15 j 19:37	27°♄57'39		
desc. node	-3404 Nov 09 j 15:38	25°♄23'14		greatest brilliancy		-3401 Apr 25 j 23:08	29°♄49'06	-4.7m	
	-3404 Nov 13 j 07:47	0°♄				-3401 Apr 26 j 11:20	0°♄		
	-3404 Dec 07 j 06:42	0°♄		desc. node		-3401 Apr 27 j 10:07	0°♄21'36		
evening rise	-3404 Dec 10 j 03:56	3°♄36'02		morning max el		-3401 Jun 03 j 17:28	27°♄50'53	45°52'19	

Attention, astronomical year style is used: The year -3899 in astronomical counting style is the year 3900 BCE in historical counting style.

	-3401 Jun 05 j 23:01	0°♄	
	-3401 Jul 04 j 14:01	0°♅	
	-3401 Jul 30 j 19:01	0°♆	
asc. node	-3401 Aug 18 j 08:52	22°♆10'51	
	-3401 Aug 24 j 19:20	0°♇	
	-3401 Sep 18 j 03:01	0°♈	
	-3401 Oct 12 j 02:04	0°♉	
	-3401 Nov 04 j 22:25	0°♊	
	-3401 Nov 28 j 19:48	0°♋	
morning set	-3401 Dec 04 j 18:10	7°♋25'44	
desc. node	-3401 Dec 08 j 03:38	11°♋40'31	
	-3401 Dec 22 j 19:50	0°♌	
superior conj	-3400 Jan 15 j 08:15	29°♌15'07	-1°13'18
minimum elong	-3400 Jan 14 j 22:59	28°♌46'21	1°13'12
	-3400 Jan 15 j 22:44	0°♍	
max. Earth dist.	-3400 Jan 19 j 08:41	4°♍14'07	1.72455 AU
	-3400 Feb 09 j 04:23	0°♎	
evening rise	-3400 Feb 23 j 09:14	17°♎30'28	
greatest brilliancy	-3400 Feb 29 j 01:52	24°♎30'37	-3.9m
	-3400 Mar 04 j 13:07	0°♏	
	-3400 Mar 29 j 01:30	0°♐	
asc. node	-3400 Mar 30 j 00:51	1°♐11'12	
	-3400 Apr 22 j 18:18	0°♑	
	-3400 May 17 j 16:36	0°♒	
	-3400 Jun 11 j 22:48	0°♓	
	-3400 Jul 07 j 18:27	0°♈	
desc. node	-3400 Jul 19 j 18:58	13°♈35'55	
	-3400 Aug 03 j 17:39	0°♉	
evening max el	-3400 Aug 19 j 21:30	16°♉44'55	47°13'14
	-3400 Sep 03 j 00:10	0°♊	
greatest brilliancy	-3400 Sep 29 j 22:38	17°♊41'10	-4.9m
retrograde	-3400 Oct 09 j 09:19	19°♊22'43	
evening set	-3400 Oct 24 j 06:32	14°♊59'44	
inferior conj	-3400 Oct 29 j 22:39	11°♊38'16	-2°44'32
minimum elong	-3400 Oct 30 j 04:37	11°♊29'06	2°42'42
min. Earth dist.	-3400 Oct 29 j 18:20	11°♊44'53	0.26367 AU
morning rise	-3400 Nov 05 j 02:55	8°♊01'21	
asc. node	-3400 Nov 09 j 17:23	5°♊53'52	
direct	-3400 Nov 19 j 03:58	4°♊03'42	
greatest brilliancy	-3400 Nov 29 j 03:07	5°♊57'00	-4.9m
	-3399 Jan 01 j 13:11	0°♋	
morning max el	-3399 Jan 08 j 05:27	6°♋29'22	46°31'37
	-3399 Jan 30 j 15:15	0°♌	
	-3399 Feb 26 j 09:27	0°♍	
desc. node	-3399 Mar 01 j 13:17	3°♍37'17	
	-3399 Mar 24 j 06:36	0°♎	
	-3399 Apr 18 j 15:52	0°♏	
	-3399 May 13 j 16:17	0°♐	
	-3399 Jun 07 j 08:43	0°♑	
asc. node	-3399 Jun 22 j 11:07	18°♑32'42	
	-3399 Jul 01 j 17:38	0°♒	
morning set	-3399 Jul 05 j 16:34	4°♒54'11	
	-3399 Jul 25 j 20:03	0°♓	
max. Earth dist.	-3399 Aug 08 j 11:20	17°♓05'09	1.71570 AU
superior conj	-3399 Aug 11 j 21:48	21°♓24'02	1°23'08
minimum elong	-3399 Aug 11 j 18:58	21°♓15'09	1°23'14
	-3399 Aug 18 j 18:03	0°♈	
	-3399 Sep 11 j 14:16	0°♉	
evening rise	-3399 Sep 20 j 03:32	10°♉45'33	
	-3399 Oct 05 j 11:04	0°♊	
desc. node	-3399 Oct 12 j 05:30	8°♊29'25	
	-3399 Oct 29 j 10:02	0°♋	
	-3399 Nov 22 j 12:18	0°♌	
	-3399 Dec 16 j 19:48	0°♍	
	-3398 Jan 10 j 12:40	0°♎	