Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

superior conj	-7899 Apr 21 j 01:23	0°♓23'19	-0°28'22
minimum elong	-7899 Apr 21 j 06:33	0°♓39'18	0°28'27
asc. node	-7899 May 03 j 12:06	15°♓48'27	
	-7899 May 14 j 22:22	0°♈	
evening rise	-7899 May 26 j 17:03	14°♈39'51	
	-7899 Jun 08 j 00:14	0°♉	
	-7899 Jul 02 j 00:58	0°♊	
	-7899 Jul 26 j 02:41	0°♋	
	-7899 Aug 19 j 07:50	0°♌	
desc. node	-7899 Aug 23 j 22:35	5°♌41'13	
	-7899 Sep 12 j 19:17	0°♍	
	-7899 Oct 07 j 17:28	0°♎	
	-7899 Nov 02 j 12:50	0°♏	
evening max el	-7899 Nov 29 j 12:46	28°♏57'54	45°53'45
	-7899 Nov 30 j 13:48	0°♐	
asc. node	-7899 Dec 14 j 04:58	12°♐38'32	
greatest brilliancy	-7898 Jan 06 j 18:29	28°♐06'17	-4.7m
	-7898 Jan 13 j 11:17	0°♑	
retrograde	-7898 Jan 17 j 21:34	0°♑22'50	
	-7898 Jan 22 j 05:25	30°℞♐	
evening set	-7898 Feb 04 j 12:24	24°♐23'10	
inferior conj	-7898 Feb 08 j 07:54	21°♐59'22	8°05'53
minimum elong	-7898 Feb 08 j 07:55	21°♐59'20	8°05'23
min. Earth dist.	-7898 Feb 08 j 11:57	21°♐52'53	0.29585 AU
morning rise	-7898 Feb 12 j 03:29	19°♐35'22	
direct	-7898 Mar 02 j 04:10	13°♐27'34	
greatest brilliancy	-7898 Mar 11 j 23:56	15°♐12'07	-4.7m
	-7898 Apr 05 j 05:01	0°♑	
desc. node	-7898 Apr 05 j 20:49	0°♑32'19	
morning max el	-7898 Apr 20 j 05:15	13°♑22'22	46°00'00
	-7898 May 06 j 17:07	0°♒	
	-7898 Jun 02 j 20:51	0°♓	
	-7898 Jun 28 j 08:45	0°♈	
	-7898 Jul 22 j 22:47	0°♉	
asc. node	-7898 Jul 27 j 01:39	5°♉05'59	
	-7898 Aug 16 j 00:17	0°♊	
	-7898 Sep 08 j 20:03	0°♋	
	-7898 Oct 02 j 15:27	0°♌	
morning set	-7898 Oct 21 j 04:02	23°♌14'18	
	-7898 Oct 26 j 13:53	0°♍	
desc. node	-7898 Nov 16 j 10:48	25°♍59'05	
	-7898 Nov 19 j 16:29	0°♎	
superior conj	-7898 Dec 02 j 04:59	15°♎30'09	-0°34'46
minimum elong	-7898 Dec 01 j 20:56	15°♎05'15	0°34'30
max. Earth dist.	-7898 Dec 06 j 02:54	20°♎20'22	1.72707 AU
	-7898 Dec 13 j 22:42	0°♏	
	-7897 Jan 07 j 07:24	0°♐	
evening rise	-7897 Jan 10 j 14:21	4°♐02'35	
	-7897 Jan 31 j 18:14	0°♑	
	-7897 Feb 25 j 08:03	0°♒	
asc. node	-7897 Mar 08 j 12:40	13°♒35'33	
	-7897 Mar 22 j 02:33	0°♓	
	-7897 Apr 16 j 03:51	0°♈	
	-7897 May 11 j 15:05	0°♉	
	-7897 Jun 06 j 19:48	0°♊	
desc. node	-7897 Jun 29 j 02:14	24°♊12'11	
	-7897 Jul 04 j 17:10	0°♋	
evening max el	-7897 Jul 07 j 18:30	3°♋04'32	47°25'28
	-7897 Aug 09 j 01:04	0°♌	
greatest brilliancy	-7897 Aug 18 j 04:35	4°♌17'36	-4.9m
retrograde	-7897 Aug 27 j 11:01	5°♌55'27	
evening set	-7897 Sep 13 j 02:04	0°♌29'31	
	-7897 Sep 13 j 21:59	30°℞♋	
inferior conj	-7897 Sep 17 j 01:34	28°♋04'29	-7°06'53
minimum elong	-7897 Sep 17 j 11:50	27°♋48'39	7°04'22
min. Earth dist.	-7897 Sep 16 j 19:40	28°♋13'35	0.26597 AU
morning rise	-7897 Sep 21 j 21:51	25°♋10'49	
direct	-7897 Oct 07 j 07:03	20°♋28'14	
greatest brilliancy	-7897 Oct 17 j 03:53	22°♋21'03	-4.9m
asc. node	-7897 Oct 19 j 10:05	23°♋15'19	
	-7897 Oct 31 j 00:59	0°♌	
morning max el	-7897 Nov 26 j 09:44	23°♌08'57	46°24'46
	-7897 Dec 03 j 03:20	0°♍	
	-7897 Dec 30 j 19:39	0°♎	
	-7896 Jan 26 j 04:17	0°♏	
desc. node	-7896 Feb 09 j 00:04	16°♏02'17	
	-7896 Feb 20 j 22:00	0°♐	
	-7896 Mar 17 j 04:44	0°♑	
	-7896 Apr 11 j 01:38	0°♒	
	-7896 May 05 j 13:41	0°♓	
morning set	-7896 May 22 j 05:53	20°♓38'37	
	-7896 May 29 j 18:16	0°♈	
asc. node	-7896 May 31 j 01:28	1°♈37'15	
	-7896 Jun 22 j 17:15	0°♉	
max. Earth dist.	-7896 Jun 24 j 15:00	2°♉23'46	1.71399 AU
superior conj	-7896 Jun 28 j 03:59	6°♉50'58	0°59'15
minimum elong	-7896 Jun 27 j 18:41	6°♉21'42	0°59'12
	-7896 Jul 16 j 12:59	0°♊	
evening rise	-7896 Aug 05 j 21:38	25°♊40'21	
	-7896 Aug 09 j 08:04	0°♋	
	-7896 Sep 02 j 05:03	0°♌	
desc. node	-7896 Sep 20 j 10:44	22°♌47'20	
	-7896 Sep 26 j 05:49	0°♍	
	-7896 Oct 20 j 11:43	0°♎	
	-7896 Nov 14 j 00:37	0°♏	
	-7896 Dec 09 j 01:00	0°♐	
	-7895 Jan 03 j 23:37	0°♑	
asc. node	-7895 Jan 10 j 15:40	7°♑25'49	
	-7895 Jan 31 j 23:58	0°♒	
evening max el	-7895 Feb 08 j 10:09	7°♒15'30	44°57'41
	-7895 Mar 09 j 01:48	0°♓	
greatest brilliancy	-7895 Mar 18 j 01:33	4°♓12'41	-4.7m
retrograde	-7895 Mar 28 j 08:25	6°♓05'18	
evening set	-7895 Apr 12 j 20:26	1°♓36'38	
	-7895 Apr 15 j 16:27	30°℞♒	
inferior conj	-7895 Apr 18 j 16:47	28°♒10'33	3°16'58
minimum elong	-7895 Apr 18 j 23:24	28°♒00'23	3°14'53
min. Earth dist.	-7895 Apr 19 j 19:27	27°♒29'40	0.28529 AU
morning rise	-7895 Apr 25 j 01:22	24°♒24'56	
desc. node	-7895 May 03 j 07:32	20°♒55'46	
direct	-7895 May 10 j 10:24	19°♒56'19	
greatest brilliancy	-7895 May 21 j 22:12	22°♒17'18	-4.8m
	-7895 Jun 04 j 16:25	0°♓	
morning max el	-7895 Jun 29 j 07:47	21°♓21'47	46°29'39
	-7895 Jul 07 j 18:54	0°♈	
	-7895 Aug 03 j 19:21	0°♉	
asc. node	-7895 Aug 23 j 14:04	23°♉25'59	
	-7895 Aug 29 j 00:19	0°♊	
	-7895 Sep 22 j 10:48	0°♋	
	-7895 Oct 16 j 14:55	0°♌	
	-7895 Nov 09 j 19:26	0°♍	
	-7895 Dec 04 j 03:07	0°♎	
desc. node	-7895 Dec 14 j 00:18	12°♎08'34	
	-7895 Dec 28 j 13:42	0°♏	
morning set	-7894 Jan 04 j 14:52	8°♏38'18	
	-7894 Jan 22 j 01:24	0°♐	
max. Earth dist.	-7894 Feb 10 j 08:35	23°♐39'33	1.73756 AU

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

superior conj	-7894 Feb 11 j 11:13	25°♐01'12	-1°21'24
minimum elong	-7894 Feb 11 j 12:37	25°♐05'31	1°21'56
	-7894 Feb 15 j 12:39	0°♑	
	-7894 Mar 11 j 22:59	0°♒	
evening rise	-7894 Mar 19 j 08:32	9°♒05'23	
asc. node	-7894 Apr 05 j 01:10	29°♒36'36	
	-7894 Apr 05 j 08:47	0°♓	
	-7894 Apr 29 j 18:48	0°♈	
	-7894 May 24 j 05:54	0°♉	
	-7894 Jun 17 j 19:35	0°♊	
	-7894 Jul 12 j 14:53	0°♋	
desc. node	-7894 Jul 26 j 13:08	16°♋37'10	
	-7894 Aug 06 j 21:52	0°♌	
	-7894 Sep 02 j 06:26	0°♍	
evening max el	-7894 Sep 17 j 14:05	16°♍17'53	47°30'10
	-7894 Oct 01 j 17:36	0°♎	
greatest brilliancy	-7894 Oct 28 j 03:13	18°♎15'21	-4.9m
retrograde	-7894 Nov 07 j 18:17	20°♎26'29	
asc. node	-7894 Nov 15 j 20:43	19°♎03'21	
evening set	-7894 Nov 22 j 16:19	15°♎54'06	
min. Earth dist.	-7894 Nov 27 j 21:11	12°♎42'43	0.27966 AU
inferior conj	-7894 Nov 28 j 18:58	12°♎07'46	3°02'48
minimum elong	-7894 Nov 28 j 12:59	12°♎17'23	3°01'05
morning rise	-7894 Dec 04 j 10:30	8°♎38'46	
direct	-7894 Dec 19 j 14:36	4°♎02'27	
greatest brilliancy	-7894 Dec 28 j 12:21	5°♎31'03	-4.8m
	-7893 Feb 02 j 01:58	0°♏	
morning max el	-7893 Feb 06 j 09:43	4°♏02'53	45°57'18
	-7893 Mar 03 j 21:17	0°♐	
desc. node	-7893 Mar 08 j 11:52	4°♐57'57	
	-7893 Mar 30 j 23:33	0°♑	
	-7893 Apr 25 j 19:47	0°♒	
	-7893 May 20 j 20:48	0°♓	
	-7893 Jun 14 j 07:59	0°♈	
asc. node	-7893 Jun 28 j 14:51	17°♈46'06	
	-7893 Jul 08 j 09:16	0°♉	
greatest brilliancy	-7893 Jul 23 j 09:23	18°♉53'35	-3.9m
	-7893 Aug 01 j 04:24	0°♊	
morning set	-7893 Aug 02 j 10:45	1°♊35'57	
	-7893 Aug 24 j 21:18	0°♋	
superior conj	-7893 Sep 12 j 03:02	23°♋02'50	1°10'58
minimum elong	-7893 Sep 12 j 13:33	23°♋36'02	1°11'12
max. Earth dist.	-7893 Sep 17 j 02:42	29°♋20'01	1.70921 AU
	-7893 Sep 17 j 15:24	0°♌	
	-7893 Oct 11 j 13:00	0°♍	
desc. node	-7893 Oct 18 j 23:39	9°♍17'55	
evening rise	-7893 Oct 25 j 07:16	17°♍10'20	
	-7893 Nov 04 j 14:55	0°♎	
	-7893 Nov 28 j 21:02	0°♏	
	-7893 Dec 23 j 07:50	0°♐	
	-7892 Jan 17 j 01:32	0°♑	
asc. node	-7892 Feb 08 j 02:54	26°♑16'54	
	-7892 Feb 11 j 06:44	0°♒	
	-7892 Mar 08 j 07:15	0°♓	
	-7892 Apr 04 j 19:16	0°♈	
evening max el	-7892 Apr 21 j 10:06	16°♈41'03	45°43'55
	-7892 May 06 j 07:44	0°♉	
desc. node	-7892 May 30 j 18:03	15°♉06'05	
greatest brilliancy	-7892 May 30 j 21:00	15°♉08'36	-4.8m
retrograde	-7892 Jun 09 j 17:03	16°♉53'22	
evening set	-7892 Jun 25 j 07:21	12°♉18'00	
inferior conj	-7892 Jun 30 j 13:34	9°♉15'55	-6°40'11
minimum elong	-7892 Jun 30 j 03:01	9°♉31'37	6°37'45
min. Earth dist.	-7892 Jun 30 j 14:04	9°♉15'10	0.26955 AU
morning rise	-7892 Jul 04 j 22:25	6°♉42'50	
direct	-7892 Jul 21 j 08:08	1°♉35'39	
greatest brilliancy	-7892 Aug 01 j 05:04	3°♉48'09	-4.9m
	-7892 Sep 05 j 03:46	0°♊	
morning max el	-7892 Sep 10 j 01:49	4°♊56'26	46°47'21
asc. node	-7892 Sep 20 j 01:30	15°♊28'23	
	-7892 Oct 03 j 03:17	0°♋	
	-7892 Oct 28 j 21:26	0°♌	
	-7892 Nov 22 j 23:40	0°♍	
	-7892 Dec 17 j 21:58	0°♎	
desc. node	-7891 Jan 10 j 13:30	28°♎29'45	
	-7891 Jan 11 j 19:26	0°♏	
	-7891 Feb 05 j 15:19	0°♐	
	-7891 Mar 02 j 07:56	0°♑	
morning set	-7891 Mar 14 j 12:07	14°♑51'58	
	-7891 Mar 26 j 20:22	0°♒	
max. Earth dist.	-7891 Apr 14 j 23:59	23°♒35'04	1.73182 AU
superior conj	-7891 Apr 18 j 20:49	28°♒21'53	-0°31'08
minimum elong	-7891 Apr 19 j 02:24	28°♒39'09	0°31'13
	-7891 Apr 20 j 04:34	0°♓	
asc. node	-7891 May 02 j 14:21	15°♓22'07	
	-7891 May 14 j 09:10	0°♈	
evening rise	-7891 May 24 j 11:38	12°♈34'22	
	-7891 Jun 07 j 11:13	0°♉	
	-7891 Jul 01 j 12:14	0°♊	
	-7891 Jul 25 j 14:19	0°♋	
	-7891 Aug 18 j 19:56	0°♌	
desc. node	-7891 Aug 23 j 00:36	5°♌09'53	
	-7891 Sep 12 j 07:59	0°♍	
	-7891 Oct 07 j 07:09	0°♎	
	-7891 Nov 02 j 04:36	0°♏	
evening max el	-7891 Nov 27 j 05:26	26°♏46'47	45°57'04
	-7891 Nov 30 j 11:52	0°♐	
asc. node	-7891 Dec 13 j 07:17	11°♐40'03	
greatest brilliancy	-7890 Jan 04 j 11:46	25°♐59'52	-4.7m
retrograde	-7890 Jan 15 j 15:14	28°♐16'39	
evening set	-7890 Feb 02 j 05:21	22°♐17'42	
inferior conj	-7890 Feb 06 j 01:20	19°♐52'44	8°05'54
minimum elong	-7890 Feb 06 j 00:42	19°♐53'45	8°05'24
min. Earth dist.	-7890 Feb 06 j 03:41	19°♐48'58	0.29570 AU
morning rise	-7890 Feb 09 j 20:09	17°♐29'39	
direct	-7890 Feb 27 j 21:41	11°♐21'24	
greatest brilliancy	-7890 Mar 09 j 14:33	13°♐03'39	-4.7m
desc. node	-7890 Apr 04 j 23:02	29°♐34'43	
	-7890 Apr 05 j 11:04	0°♑	
morning max el	-7890 Apr 17 j 21:40	11°♑14'13	45°59'17
	-7890 May 06 j 10:27	0°♒	
	-7890 Jun 02 j 10:53	0°♓	
	-7890 Jun 27 j 21:22	0°♈	
	-7890 Jul 22 j 10:42	0°♉	
asc. node	-7890 Jul 26 j 03:49	4°♉35'59	
	-7890 Aug 15 j 11:51	0°♊	
	-7890 Sep 08 j 07:27	0°♋	
	-7890 Oct 02 j 02:45	0°♌	
morning set	-7890 Oct 18 j 13:49	20°♌39'39	
	-7890 Oct 26 j 01:04	0°♍	
desc. node	-7890 Nov 15 j 13:00	25°♍31'28	
	-7890 Nov 19 j 03:35	0°♎	
superior conj	-7890 Nov 29 j 16:17	13°♎02'28	-0°31'24
minimum elong	-7890 Nov 29 j 08:50	12°♎39'24	0°31'08
max. Earth dist.	-7890 Dec 03 j 21:09	18°♎14'21	1.72647 AU
	-7890 Dec 13 j 09:42	0°♏	
	-7889 Jan 06 j 18:22	0°♐	
evening rise	-7889 Jan 08 j 05:58	1°♐49'26	
	-7889 Jan 31 j 05:15	0°♑	
	-7889 Feb 24 j 19:18	0°♒	
asc. node	-7889 Mar 07 j 14:46	13°♒07'13	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7889 Mar 21 j 14:17	0°♓	
	-7889 Apr 15 j 16:25	0°♈	
	-7889 May 11 j 05:03	0°♉	
	-7889 Jun 06 j 12:19	0°♊	
desc. node	-7889 Jun 28 j 04:31	23°♊23'47	
	-7889 Jul 04 j 16:02	0°♋	
evening max el	-7889 Jul 05 j 08:00	0°♋39'49	47°22'51
	-7889 Aug 11 j 06:02	0°♌	
greatest brilliancy	-7889 Aug 15 j 18:07	1°♌49'20	-4.9m
retrograde	-7889 Aug 24 j 23:07	3°♌25'46	
	-7889 Sep 06 j 23:51	30°℞♋	
evening set	-7889 Sep 10 j 18:01	27°♋56'01	
inferior conj	-7889 Sep 14 j 14:10	25°♋35'56	-7°21'12
minimum elong	-7889 Sep 15 j 00:13	25°♋20'28	7°18'51
min. Earth dist.	-7889 Sep 14 j 08:50	25°♋44'11	0.26586 AU
morning rise	-7889 Sep 19 j 06:36	22°♋47'34	
direct	-7889 Oct 04 j 19:30	18°♋00'16	
greatest brilliancy	-7889 Oct 14 j 17:29	19°♋53'43	-4.9m
asc. node	-7889 Oct 18 j 12:25	21°♋30'02	
	-7889 Oct 31 j 22:03	0°♌	
morning max el	-7889 Nov 23 j 22:18	20°♌42'34	46°25'47
	-7889 Dec 02 j 23:48	0°♍	
	-7889 Dec 30 j 11:13	0°♎	
	-7888 Jan 25 j 17:44	0°♏	
desc. node	-7888 Feb 08 j 02:05	15°♏30'57	
	-7888 Feb 20 j 10:18	0°♐	
	-7888 Mar 16 j 16:21	0°♑	
	-7888 Apr 10 j 12:50	0°♒	
	-7888 May 05 j 00:40	0°♓	
morning set	-7888 May 19 j 23:48	18°♓31'10	
	-7888 May 29 j 05:13	0°♈	
asc. node	-7888 May 30 j 03:39	1°♈09'58	
max. Earth dist.	-7888 Jun 22 j 03:31	29°♈57'42	1.71457 AU
	-7888 Jun 22 j 04:15	0°♉	
superior conj	-7888 Jun 25 j 19:40	4°♉34'45	0°56'49
minimum elong	-7888 Jun 25 j 10:28	4°♉05'48	0°56'45
	-7888 Jul 16 j 00:04	0°♊	
evening rise	-7888 Aug 03 j 09:15	23°♊10'36	
	-7888 Aug 08 j 19:16	0°♋	
	-7888 Sep 01 j 16:23	0°♌	
desc. node	-7888 Sep 19 j 12:54	22°♌18'18	
	-7888 Sep 25 j 17:20	0°♍	
	-7888 Oct 19 j 23:31	0°♎	
	-7888 Nov 13 j 12:51	0°♏	
	-7888 Dec 08 j 14:06	0°♐	
	-7887 Jan 03 j 14:35	0°♑	
asc. node	-7887 Jan 09 j 17:51	6°♑48'24	
	-7887 Jan 31 j 20:14	0°♒	
evening max el	-7887 Feb 06 j 00:17	5°♒01'08	44°58'02
	-7887 Mar 10 j 19:39	0°♓	
greatest brilliancy	-7887 Mar 15 j 16:15	2°♓01'54	-4.7m
retrograde	-7887 Mar 25 j 23:43	3°♓55'28	
	-7887 Apr 09 j 09:55	30°℞♒	
evening set	-7887 Apr 10 j 13:58	29°♒22'54	
inferior conj	-7887 Apr 16 j 08:22	25°♒59'26	3°34'38
minimum elong	-7887 Apr 16 j 15:27	25°♒48'34	3°32'29
min. Earth dist.	-7887 Apr 17 j 11:31	25°♒17'48	0.28596 AU
morning rise	-7887 Apr 22 j 15:55	22°♒15'04	
desc. node	-7887 May 02 j 09:48	18°♒21'42	
direct	-7887 May 08 j 02:07	17°♒43'45	
greatest brilliancy	-7887 May 19 j 14:41	20°♒05'21	-4.8m
	-7887 Jun 05 j 09:37	0°♓	
morning max el	-7887 Jun 26 j 23:06	19°♓05'12	46°28'38
	-7887 Jul 07 j 14:22	0°♈	
	-7887 Aug 03 j 10:33	0°♉	
asc. node	-7887 Aug 22 j 16:07	22°♉50'41	
	-7887 Aug 28 j 13:48	0°♊	
	-7887 Sep 21 j 23:22	0°♋	
	-7887 Oct 16 j 02:57	0°♌	
	-7887 Nov 09 j 07:06	0°♍	
	-7887 Dec 03 j 14:31	0°♎	
desc. node	-7887 Dec 13 j 02:24	11°♎40'22	
	-7887 Dec 28 j 00:53	0°♏	
morning set	-7886 Jan 02 j 05:14	6°♏21'10	
	-7886 Jan 21 j 12:25	0°♐	
max. Earth dist.	-7886 Feb 08 j 04:04	21°♐38'33	1.73749 AU
superior conj	-7886 Feb 09 j 05:12	22°♐55'36	-1°21'37
minimum elong	-7886 Feb 09 j 05:58	22°♐57'58	1°22'08
	-7886 Feb 14 j 23:35	0°♑	
	-7886 Mar 11 j 09:56	0°♒	
evening rise	-7886 Mar 17 j 03:52	7°♒03'36	
asc. node	-7886 Apr 04 j 03:24	29°♒09'20	
	-7886 Apr 04 j 19:54	0°♓	
	-7886 Apr 29 j 06:14	0°♈	
	-7886 May 23 j 17:49	0°♉	
	-7886 Jun 17 j 08:10	0°♊	
	-7886 Jul 12 j 04:26	0°♋	
desc. node	-7886 Jul 25 j 15:11	16°♋00'53	
	-7886 Aug 06 j 13:00	0°♌	
	-7886 Sep 02 j 00:54	0°♍	
evening max el	-7886 Sep 15 j 05:25	13°♍57'52	47°32'27
	-7886 Oct 01 j 23:55	0°♎	
greatest brilliancy	-7886 Oct 25 j 20:03	15°♎57'57	-4.9m
retrograde	-7886 Nov 05 j 10:37	18°♎08'56	
asc. node	-7886 Nov 14 j 22:59	16°♎14'02	
evening set	-7886 Nov 20 j 07:20	13°♎37'37	
min. Earth dist.	-7886 Nov 25 j 12:55	10°♎25'36	0.27894 AU
inferior conj	-7886 Nov 26 j 10:41	9°♎50'46	2°43'43
minimum elong	-7886 Nov 26 j 05:14	9°♎59'29	2°42'08
morning rise	-7886 Dec 02 j 04:01	6°♎19'43	
direct	-7886 Dec 17 j 05:20	1°♎46'27	
greatest brilliancy	-7886 Dec 26 j 03:43	3°♎16'00	-4.8m
	-7885 Feb 02 j 02:21	0°♏	
morning max el	-7885 Feb 04 j 01:52	1°♏52'21	45°57'48
	-7885 Mar 03 j 13:43	0°♐	
desc. node	-7885 Mar 07 j 14:04	4°♐20'50	
	-7885 Mar 30 j 13:19	0°♑	
	-7885 Apr 25 j 08:18	0°♒	
	-7885 May 20 j 08:40	0°♓	
	-7885 Jun 13 j 19:30	0°♈	
asc. node	-7885 Jun 27 j 16:56	17°♈17'02	
	-7885 Jul 07 j 20:38	0°♉	
greatest brilliancy	-7885 Jul 22 j 15:59	18°♉38'43	-3.9m
morning set	-7885 Jul 30 j 23:00	29°♉07'10	
	-7885 Jul 31 j 15:43	0°♊	
	-7885 Aug 24 j 08:38	0°♋	
superior conj	-7885 Sep 09 j 12:03	20°♋24'00	1°12'58
minimum elong	-7885 Sep 09 j 22:00	20°♋55'24	1°13'16
max. Earth dist.	-7885 Sep 14 j 07:31	26°♋28'06	1.70889 AU
	-7885 Sep 17 j 02:46	0°♌	
	-7885 Oct 11 j 00:25	0°♍	
desc. node	-7885 Oct 18 j 01:52	8°♍49'17	
evening rise	-7885 Oct 22 j 15:48	14°♍32'00	
	-7885 Nov 04 j 02:19	0°♎	
	-7885 Nov 28 j 08:29	0°♏	
	-7885 Dec 22 j 19:28	0°♐	
	-7884 Jan 16 j 13:36	0°♑	
asc. node	-7884 Feb 07 j 05:02	25°♑45'26	
	-7884 Feb 10 j 19:42	0°♒	
	-7884 Mar 07 j 22:03	0°♓	
	-7884 Apr 04 j 14:20	0°♈	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening max el	-7884 Apr 19 j 00:49	14°♈24'03	45°40'50
	-7884 May 06 j 19:47	0°♉	
greatest brilliancy	-7884 May 28 j 07:52	12°♉42'28	-4.8m
desc. node	-7884 May 29 j 20:17	13°♉11'20	
retrograde	-7884 Jun 07 j 05:35	14°♉27'55	
evening set	-7884 Jun 22 j 16:13	9°♉57'36	
inferior conj	-7884 Jun 28 j 01:57	6°♉50'27	-6°24'02
minimum elong	-7884 Jun 27 j 15:22	7°♉06'13	6°21'30
min. Earth dist.	-7884 Jun 28 j 02:48	6°♉49'11	0.26986 AU
morning rise	-7884 Jul 02 j 14:17	4°♉12'27	
	-7884 Jul 12 j 11:11	30°℞♈	
direct	-7884 Jul 18 j 21:57	29°♈09'43	
	-7884 Jul 25 j 12:07	0°♉	
greatest brilliancy	-7884 Jul 29 j 18:24	1°♉21'46	-4.9m
	-7884 Sep 05 j 04:24	0°♊	
morning max el	-7884 Sep 07 j 15:09	2°♊28'53	46°47'17
asc. node	-7884 Sep 19 j 03:52	14°♊41'09	
	-7884 Oct 02 j 20:30	0°♋	
	-7884 Oct 28 j 12:02	0°♌	
	-7884 Nov 22 j 12:56	0°♍	
	-7884 Dec 17 j 10:23	0°♎	
desc. node	-7883 Jan 09 j 15:32	28°♎00'06	
	-7883 Jan 11 j 07:16	0°♏	
	-7883 Feb 05 j 02:44	0°♐	
	-7883 Mar 01 j 19:07	0°♑	
morning set	-7883 Mar 12 j 07:17	12°♑49'53	
	-7883 Mar 26 j 07:25	0°♒	
max. Earth dist.	-7883 Apr 12 j 19:51	21°♒34'11	1.73228 AU
superior conj	-7883 Apr 16 j 16:14	26°♒19'24	-0°33'51
minimum elong	-7883 Apr 16 j 22:13	26°♒37'50	0°33'57
	-7883 Apr 19 j 15:38	0°♓	
asc. node	-7883 May 01 j 16:32	14°♓54'25	
	-7883 May 13 j 20:20	0°♈	
evening rise	-7883 May 22 j 06:04	10°♈27'18	
	-7883 Jun 06 j 22:35	0°♉	
	-7883 Jun 30 j 23:53	0°♊	
	-7883 Jul 25 j 02:19	0°♋	
	-7883 Aug 18 j 08:22	0°♌	
desc. node	-7883 Aug 22 j 02:48	4°♌38'12	
	-7883 Sep 11 j 21:02	0°♍	
	-7883 Oct 06 j 21:16	0°♎	
	-7883 Nov 01 j 20:59	0°♏	
evening max el	-7883 Nov 24 j 21:26	24°♏32'44	46°00'22
	-7883 Nov 30 j 11:16	0°♐	
asc. node	-7883 Dec 12 j 09:30	10°♐39'04	
greatest brilliancy	-7882 Jan 02 j 05:44	23°♐53'07	-4.7m
retrograde	-7882 Jan 13 j 08:34	26°♐09'30	
evening set	-7882 Jan 30 j 22:05	20°♐11'47	
inferior conj	-7882 Feb 03 j 18:49	17°♐45'19	8°05'17
minimum elong	-7882 Feb 03 j 17:31	17°♐47'24	8°04'46
min. Earth dist.	-7882 Feb 03 j 19:45	17°♐43'49	0.29551 AU
morning rise	-7882 Feb 07 j 13:05	15°♐22'46	
direct	-7882 Feb 25 j 14:49	9°♐14'29	
greatest brilliancy	-7882 Mar 07 j 05:32	10°♐54'46	-4.7m
desc. node	-7882 Apr 04 j 01:18	28°♐37'46	
	-7882 Apr 05 j 15:31	0°♑	
morning max el	-7882 Apr 15 j 13:06	9°♑02'55	45°58'32
	-7882 May 06 j 03:45	0°♒	
	-7882 Jun 02 j 01:08	0°♓	
	-7882 Jun 27 j 10:18	0°♈	
	-7882 Jul 21 j 22:59	0°♉	
asc. node	-7882 Jul 25 j 05:55	4°♉04'34	
	-7882 Aug 14 j 23:46	0°♊	
	-7882 Sep 07 j 19:10	0°♋	
	-7882 Oct 01 j 14:19	0°♌	
morning set	-7882 Oct 15 j 23:28	18°♌03'35	
	-7882 Oct 25 j 12:32	0°♍	
desc. node	-7882 Nov 14 j 15:03	25°♍02'30	
	-7882 Nov 18 j 14:56	0°♎	
superior conj	-7882 Nov 27 j 03:27	10°♎33'28	-0°27'58
minimum elong	-7882 Nov 26 j 20:40	10°♎12'26	0°27'42
max. Earth dist.	-7882 Dec 01 j 14:53	16°♎05'44	1.72585 AU
	-7882 Dec 12 j 20:59	0°♏	
evening rise	-7881 Jan 05 j 21:29	29°♏34'57	
	-7881 Jan 06 j 05:38	0°♐	
	-7881 Jan 30 j 16:35	0°♑	
	-7881 Feb 24 j 06:51	0°♒	
asc. node	-7881 Mar 06 j 17:06	12°♒38'46	
	-7881 Mar 21 j 02:19	0°♓	
	-7881 Apr 15 j 05:19	0°♈	
	-7881 May 10 j 19:27	0°♉	
	-7881 Jun 06 j 05:32	0°♊	
desc. node	-7881 Jun 27 j 06:35	22°♊32'45	
evening max el	-7881 Jul 02 j 20:20	28°♊10'55	47°19'58
	-7881 Jul 04 j 16:28	0°♋	
greatest brilliancy	-7881 Aug 13 j 07:44	29°♋19'20	-4.9m
	-7881 Aug 15 j 14:35	0°♌	
retrograde	-7881 Aug 22 j 10:47	0°♌54'19	
	-7881 Aug 29 j 02:25	30°℞♋	
evening set	-7881 Sep 08 j 09:42	25°♋20'35	
inferior conj	-7881 Sep 12 j 02:34	23°♋05'38	-7°34'49
minimum elong	-7881 Sep 12 j 12:17	22°♋50'39	7°32'38
min. Earth dist.	-7881 Sep 11 j 21:56	23°♋12'46	0.26576 AU
morning rise	-7881 Sep 16 j 15:00	20°♋22'58	
direct	-7881 Oct 02 j 07:19	15°♋30'20	
greatest brilliancy	-7881 Oct 12 j 07:12	17°♋25'07	-4.9m
asc. node	-7881 Oct 17 j 14:39	19°♋47'22	
	-7881 Nov 01 j 14:16	0°♌	
morning max el	-7881 Nov 21 j 10:37	18°♌14'27	46°26'57
	-7881 Dec 02 j 19:56	0°♍	
	-7881 Dec 30 j 02:49	0°♎	
	-7880 Jan 25 j 07:19	0°♏	
desc. node	-7880 Feb 07 j 04:14	14°♏59'25	
	-7880 Feb 19 j 22:47	0°♐	
	-7880 Mar 16 j 04:09	0°♑	
	-7880 Apr 10 j 00:13	0°♒	
	-7880 May 04 j 11:51	0°♓	
morning set	-7880 May 17 j 18:04	16°♓24'15	
	-7880 May 28 j 16:20	0°♈	
asc. node	-7880 May 29 j 05:46	0°♈41'52	
max. Earth dist.	-7880 Jun 19 j 18:44	27°♈39'34	1.71520 AU
	-7880 Jun 21 j 15:27	0°♉	
superior conj	-7880 Jun 23 j 11:32	2°♉18'30	0°54'19
minimum elong	-7880 Jun 23 j 02:29	1°♉50'04	0°54'13
	-7880 Jul 15 j 11:23	0°♊	
evening rise	-7880 Jul 31 j 21:00	20°♊40'25	
	-7880 Aug 08 j 06:45	0°♋	
	-7880 Sep 01 j 04:01	0°♌	
desc. node	-7880 Sep 18 j 15:06	21°♌48'30	
	-7880 Sep 25 j 05:09	0°♍	
	-7880 Oct 19 j 11:35	0°♎	
	-7880 Nov 13 j 01:21	0°♏	
	-7880 Dec 08 j 03:28	0°♐	
	-7879 Jan 03 j 05:57	0°♑	
asc. node	-7879 Jan 08 j 20:02	6°♑10'11	
	-7879 Jan 31 j 17:23	0°♒	
evening max el	-7879 Feb 03 j 15:09	2°♒48'07	44°58'32
greatest brilliancy	-7879 Mar 13 j 06:38	29°♒50'42	-4.7m
	-7879 Mar 13 j 17:22	0°♓	
retrograde	-7879 Mar 23 j 15:40	1°♓45'39	
	-7879 Apr 02 j 04:05	30°℞♒	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening set	-7879 Apr 08 j 07:43	27°♒09'11	
inferior conj	-7879 Apr 14 j 00:03	23°♒48'20	3°51'55
minimum elong	-7879 Apr 14 j 07:33	23°♒36'50	3°49'41
min. Earth dist.	-7879 Apr 15 j 03:19	23°♒06'32	0.28661 AU
morning rise	-7879 Apr 20 j 06:26	20°♒05'35	
desc. node	-7879 May 01 j 11:54	15°♒52'50	
direct	-7879 May 05 j 18:16	15°♒31'23	
greatest brilliancy	-7879 May 17 j 06:36	17°♒52'59	-4.8m
	-7879 Jun 05 j 22:33	0°♓	
morning max el	-7879 Jun 24 j 15:21	16°♓51'09	46°27'36
	-7879 Jul 07 j 09:22	0°♈	
	-7879 Aug 03 j 01:39	0°♉	
asc. node	-7879 Aug 21 j 18:29	22°♉16'16	
	-7879 Aug 28 j 03:17	0°♊	
	-7879 Sep 21 j 12:02	0°♋	
	-7879 Oct 15 j 15:06	0°♌	
	-7879 Nov 08 j 18:54	0°♍	
	-7879 Dec 03 j 02:02	0°♎	
desc. node	-7879 Dec 12 j 04:28	11°♎11'41	
	-7879 Dec 27 j 12:09	0°♏	
morning set	-7879 Dec 30 j 19:15	4°♏02'34	
	-7878 Jan 20 j 23:29	0°♐	
max. Earth dist.	-7878 Feb 06 j 01:08	19°♐42'13	1.73740 AU
superior conj	-7878 Feb 06 j 23:01	20°♐49'19	-1°21'43
minimum elong	-7878 Feb 06 j 23:07	20°♐49'39	1°22'13
	-7878 Feb 14 j 10:34	0°♑	
	-7878 Mar 10 j 20:57	0°♒	
evening rise	-7878 Mar 14 j 23:18	5°♒01'59	
asc. node	-7878 Apr 03 j 05:35	28°♒41'41	
	-7878 Apr 04 j 07:06	0°♓	
	-7878 Apr 28 j 17:44	0°♈	
	-7878 May 23 j 05:45	0°♉	
	-7878 Jun 16 j 20:45	0°♊	
	-7878 Jul 11 j 18:00	0°♋	
desc. node	-7878 Jul 24 j 17:26	15°♋25'05	
	-7878 Aug 06 j 04:17	0°♌	
	-7878 Sep 01 j 19:50	0°♍	
evening max el	-7878 Sep 12 j 21:35	11°♍39'52	47°34'24
	-7878 Oct 02 j 08:49	0°♎	
greatest brilliancy	-7878 Oct 23 j 12:26	13°♎39'07	-4.9m
retrograde	-7878 Nov 03 j 03:05	15°♎50'02	
asc. node	-7878 Nov 14 j 01:11	13°♎18'48	
evening set	-7878 Nov 17 j 22:16	11°♎19'47	
min. Earth dist.	-7878 Nov 23 j 04:11	8°♎07'27	0.27822 AU
inferior conj	-7878 Nov 24 j 02:07	7°♎32'27	2°23'57
minimum elong	-7878 Nov 23 j 21:16	7°♎40'13	2°22'33
morning rise	-7878 Nov 29 j 21:12	3°♎59'34	
	-7878 Dec 09 j 20:55	30°℞♍	
direct	-7878 Dec 14 j 20:14	29°♍29'23	
	-7878 Dec 19 j 23:06	0°♎	
greatest brilliancy	-7878 Dec 23 j 18:24	0°♎59'19	-4.8m
morning max el	-7877 Feb 01 j 18:04	29°♎41'46	45°58'23
	-7877 Feb 02 j 01:42	0°♏	
	-7877 Mar 03 j 05:49	0°♐	
desc. node	-7877 Mar 06 j 16:21	3°♐44'29	
	-7877 Mar 30 j 02:52	0°♑	
	-7877 Apr 24 j 20:39	0°♒	
	-7877 May 19 j 20:24	0°♓	
	-7877 Jun 13 j 06:55	0°♈	
asc. node	-7877 Jun 26 j 19:04	16°♈48'28	
	-7877 Jul 07 j 07:52	0°♉	
greatest brilliancy	-7877 Jul 21 j 20:55	18°♉18'55	-3.9m
morning set	-7877 Jul 28 j 11:49	26°♉40'42	
	-7877 Jul 31 j 02:53	0°♊	
	-7877 Aug 23 j 19:48	0°♋	
superior conj	-7877 Sep 06 j 21:35	17°♋47'16	1°14'47
minimum elong	-7877 Sep 07 j 06:52	18°♋16'33	1°15'07
max. Earth dist.	-7877 Sep 11 j 14:14	23°♋42'38	1.70859 AU
	-7877 Sep 16 j 13:59	0°♌	
	-7877 Oct 10 j 11:40	0°♍	
desc. node	-7877 Oct 17 j 03:55	8°♍20'33	
evening rise	-7877 Oct 20 j 00:15	11°♍53'38	
	-7877 Nov 03 j 13:36	0°♎	
	-7877 Nov 27 j 19:51	0°♏	
	-7877 Dec 22 j 07:00	0°♐	
	-7876 Jan 16 j 01:35	0°♑	
asc. node	-7876 Feb 06 j 07:21	25°♑14'53	
	-7876 Feb 10 j 08:36	0°♒	
	-7876 Mar 07 j 12:51	0°♓	
	-7876 Apr 04 j 09:41	0°♈	
evening max el	-7876 Apr 16 j 15:17	12°♈07'12	45°37'45
	-7876 May 07 j 11:19	0°♉	
greatest brilliancy	-7876 May 25 j 19:35	10°♉18'17	-4.8m
desc. node	-7876 May 28 j 22:27	11°♉12'52	
retrograde	-7876 Jun 04 j 17:38	12°♉03'34	
evening set	-7876 Jun 20 j 01:25	7°♉38'11	
inferior conj	-7876 Jun 25 j 14:28	4°♉26'17	-6°07'14
minimum elong	-7876 Jun 25 j 03:57	4°♉42'00	6°04'38
min. Earth dist.	-7876 Jun 25 j 16:07	4°♉23'49	0.27018 AU
morning rise	-7876 Jun 30 j 06:12	1°♉43'15	
	-7876 Jul 03 j 13:35	30°℞♈	
direct	-7876 Jul 16 j 11:28	26°♈45'00	
greatest brilliancy	-7876 Jul 27 j 08:12	28°♈56'51	-4.9m
	-7876 Jul 29 j 19:46	0°♉	
morning max el	-7876 Sep 05 j 03:36	29°♉59'59	46°47'21
	-7876 Sep 05 j 03:37	0°♊	
asc. node	-7876 Sep 18 j 06:02	13°♊55'00	
	-7876 Oct 02 j 13:05	0°♋	
	-7876 Oct 28 j 02:11	0°♌	
	-7876 Nov 22 j 01:49	0°♍	
	-7876 Dec 16 j 22:30	0°♎	
desc. node	-7875 Jan 08 j 17:42	27°♎31'40	
	-7875 Jan 10 j 18:50	0°♏	
	-7875 Feb 04 j 13:55	0°♐	
	-7875 Mar 01 j 06:03	0°♑	
morning set	-7875 Mar 10 j 02:14	10°♑47'55	
	-7875 Mar 25 j 18:13	0°♒	
max. Earth dist.	-7875 Apr 10 j 15:18	19°♒32'56	1.73272 AU
superior conj	-7875 Apr 14 j 11:37	24°♒17'47	-0°36'32
minimum elong	-7875 Apr 14 j 17:57	24°♒37'19	0°36'37
	-7875 Apr 19 j 02:25	0°♓	
asc. node	-7875 Apr 30 j 18:35	14°♓27'14	
	-7875 May 13 j 07:14	0°♈	
evening rise	-7875 May 20 j 00:38	8°♈21'37	
	-7875 Jun 06 j 09:41	0°♉	
	-7875 Jun 30 j 11:17	0°♊	
	-7875 Jul 24 j 14:04	0°♋	
	-7875 Aug 17 j 20:33	0°♌	
desc. node	-7875 Aug 21 j 05:03	4°♌07'25	
	-7875 Sep 11 j 09:49	0°♍	
	-7875 Oct 06 j 11:07	0°♎	
	-7875 Nov 01 j 13:12	0°♏	
evening max el	-7875 Nov 22 j 12:35	22°♏17'33	46°03'35
	-7875 Nov 30 j 11:15	0°♐	
asc. node	-7875 Dec 11 j 11:41	9°♐37'42	
greatest brilliancy	-7875 Dec 30 j 23:52	21°♐47'22	-4.8m
retrograde	-7874 Jan 11 j 01:44	24°♐03'23	
evening set	-7874 Jan 28 j 14:38	18°♐07'06	
inferior conj	-7874 Feb 01 j 12:23	15°♐38'55	8°03'58
minimum elong	-7874 Feb 01 j 10:26	15°♐42'02	8°03'25
min. Earth dist.	-7874 Feb 01 j 12:14	15°♐39'09	0.29532 AU

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

morning rise	-7874 Feb 05 j 06:21	13°♐16'31	
direct	-7874 Feb 23 j 07:32	7°♐08'27	
greatest brilliancy	-7874 Mar 04 j 21:17	8°♐47'33	-4.7m
desc. node	-7874 Apr 03 j 03:22	27°♐42'28	
	-7874 Apr 05 j 17:57	0°♑	
morning max el	-7874 Apr 13 j 04:17	6°♑51'50	45°57'55
	-7874 May 05 j 20:23	0°♒	
	-7874 Jun 01 j 14:54	0°♓	
	-7874 Jun 26 j 22:48	0°♈	
	-7874 Jul 21 j 10:52	0°♉	
asc. node	-7874 Jul 24 j 08:11	3°♉34'55	
	-7874 Aug 14 j 11:20	0°♊	
	-7874 Sep 07 j 06:34	0°♋	
	-7874 Oct 01 j 01:34	0°♌	
morning set	-7874 Oct 13 j 09:16	15°♌28'51	
	-7874 Oct 24 j 23:38	0°♍	
desc. node	-7874 Nov 13 j 17:08	24°♍34'46	
	-7874 Nov 18 j 01:56	0°♎	
superior conj	-7874 Nov 24 j 14:48	8°♎06'07	-0°24'29
minimum elong	-7874 Nov 24 j 08:44	7°♎47'20	0°24'14
max. Earth dist.	-7874 Nov 29 j 07:33	13°♎55'03	1.72519 AU
	-7874 Dec 12 j 07:54	0°♏	
evening rise	-7873 Jan 03 j 13:05	27°♏21'54	
	-7873 Jan 05 j 16:31	0°♐	
	-7873 Jan 30 j 03:33	0°♑	
	-7873 Feb 23 j 18:04	0°♒	
asc. node	-7873 Mar 05 j 19:14	12°♒10'40	
	-7873 Mar 20 j 14:03	0°♓	
	-7873 Apr 14 j 17:57	0°♈	
	-7873 May 10 j 09:38	0°♉	
	-7873 Jun 05 j 22:41	0°♊	
desc. node	-7873 Jun 26 j 08:51	21°♊42'32	
evening max el	-7873 Jun 30 j 08:03	25°♊41'47	47°17'06
	-7873 Jul 04 j 17:34	0°♋	
greatest brilliancy	-7873 Aug 10 j 21:01	26°♋50'01	-4.9m
retrograde	-7873 Aug 19 j 22:41	28°♋24'08	
evening set	-7873 Sep 06 j 01:14	22°♋46'02	
inferior conj	-7873 Sep 09 j 14:54	20°♋36'13	-7°47'29
minimum elong	-7873 Sep 10 j 00:15	20°♋21'51	7°45'27
min. Earth dist.	-7873 Sep 09 j 10:55	20°♋42'20	0.26571 AU
morning rise	-7873 Sep 13 j 23:19	17°♋59'32	
direct	-7873 Sep 29 j 19:05	13°♋00'59	
greatest brilliancy	-7873 Oct 09 j 20:59	14°♋57'25	-4.9m
asc. node	-7873 Oct 16 j 16:48	18°♋09'21	
	-7873 Nov 02 j 02:02	0°♌	
morning max el	-7873 Nov 18 j 23:49	15°♌49'18	46°28'17
	-7873 Dec 02 j 15:07	0°♍	
	-7873 Dec 29 j 17:48	0°♎	
	-7872 Jan 24 j 20:25	0°♏	
desc. node	-7872 Feb 06 j 06:28	14°♏29'28	
	-7872 Feb 19 j 10:49	0°♐	
	-7872 Mar 15 j 15:34	0°♑	
	-7872 Apr 09 j 11:16	0°♒	
	-7872 May 03 j 22:43	0°♓	
morning set	-7872 May 15 j 12:23	14°♓18'31	
asc. node	-7872 May 28 j 07:56	0°♈14'51	
	-7872 May 28 j 03:10	0°♈	
max. Earth dist.	-7872 Jun 17 j 10:18	25°♈23'36	1.71580 AU
superior conj	-7872 Jun 21 j 03:25	0°♉03'24	0°51'44
minimum elong	-7872 Jun 20 j 18:35	29°♈35'38	0°51'36
	-7872 Jun 21 j 02:20	0°♉	
	-7872 Jul 14 j 22:23	0°♊	
evening rise	-7872 Jul 29 j 08:58	18°♊12'01	
	-7872 Aug 07 j 17:54	0°♋	
	-7872 Aug 31 j 15:21	0°♌	
desc. node	-7872 Sep 17 j 17:08	21°♌18'58	
	-7872 Sep 24 j 16:43	0°♍	
	-7872 Oct 18 j 23:25	0°♎	
	-7872 Nov 12 j 13:38	0°♏	
	-7872 Dec 07 j 16:37	0°♐	
	-7871 Jan 02 j 21:09	0°♑	
asc. node	-7871 Jan 07 j 22:23	5°♑33'12	
	-7871 Jan 31 j 14:49	0°♒	
evening max el	-7871 Feb 01 j 06:51	0°♒38'21	44°59'11
greatest brilliancy	-7871 Mar 10 j 20:57	27°♒40'54	-4.7m
retrograde	-7871 Mar 21 j 07:47	29°♒37'09	
evening set	-7871 Apr 06 j 01:43	24°♒56'52	
inferior conj	-7871 Apr 11 j 15:52	21°♒38'32	4°08'47
minimum elong	-7871 Apr 11 j 23:44	21°♒26'28	4°06'28
min. Earth dist.	-7871 Apr 12 j 18:55	20°♒57'02	0.28726 AU
morning rise	-7871 Apr 17 j 20:56	17°♒57'32	
desc. node	-7871 Apr 30 j 14:07	13°♒30'08	
direct	-7871 May 03 j 11:03	13°♒20'25	
greatest brilliancy	-7871 May 14 j 22:02	15°♒41'09	-4.8m
	-7871 Jun 06 j 07:51	0°♓	
morning max el	-7871 Jun 22 j 08:10	14°♓39'26	46°26'27
	-7871 Jul 07 j 03:38	0°♈	
	-7871 Aug 02 j 16:19	0°♉	
asc. node	-7871 Aug 20 j 20:37	21°♉42'04	
	-7871 Aug 27 j 16:25	0°♊	
	-7871 Sep 21 j 00:22	0°♋	
	-7871 Oct 15 j 02:59	0°♌	
	-7871 Nov 08 j 06:28	0°♍	
	-7871 Dec 02 j 13:21	0°♎	
desc. node	-7871 Dec 11 j 06:37	10°♎43'51	
	-7871 Dec 26 j 23:13	0°♏	
morning set	-7871 Dec 28 j 09:06	1°♏43'56	
	-7870 Jan 20 j 10:22	0°♐	
max. Earth dist.	-7870 Feb 03 j 23:33	17°♐50'37	1.73724 AU
superior conj	-7870 Feb 04 j 16:43	18°♐43'16	-1°21'41
minimum elong	-7870 Feb 04 j 16:10	18°♐41'34	1°22'12
	-7870 Feb 13 j 21:21	0°♑	
	-7870 Mar 10 j 07:45	0°♒	
evening rise	-7870 Mar 12 j 18:47	3°♒01'15	
asc. node	-7870 Apr 02 j 07:41	28°♒14'25	
	-7870 Apr 03 j 18:04	0°♓	
	-7870 Apr 28 j 05:03	0°♈	
	-7870 May 22 j 17:35	0°♉	
	-7870 Jun 16 j 09:17	0°♊	
	-7870 Jul 11 j 07:36	0°♋	
desc. node	-7870 Jul 23 j 19:40	14°♋49'20	
	-7870 Aug 05 j 19:41	0°♌	
	-7870 Sep 01 j 15:11	0°♍	
evening max el	-7870 Sep 10 j 14:09	9°♍23'00	47°36'15
	-7870 Oct 02 j 20:41	0°♎	
greatest brilliancy	-7870 Oct 21 j 04:45	11°♎20'05	-4.9m
retrograde	-7870 Oct 31 j 19:19	13°♎30'25	
asc. node	-7870 Nov 13 j 03:27	10°♎18'25	
evening set	-7870 Nov 15 j 13:13	9°♎01'18	
min. Earth dist.	-7870 Nov 20 j 19:16	5°♎48'42	0.27750 AU
inferior conj	-7870 Nov 21 j 17:19	5°♎13'31	2°03'45
minimum elong	-7870 Nov 21 j 13:05	5°♎20'16	2°02'32
morning rise	-7870 Nov 27 j 14:01	1°♎38'49	
	-7870 Nov 30 j 18:40	30°℞♍	
direct	-7870 Dec 12 j 11:12	27°♍11'52	
greatest brilliancy	-7870 Dec 21 j 08:40	28°♍41'39	-4.8m
	-7870 Dec 24 j 20:13	0°♎	
morning max el	-7869 Jan 30 j 09:52	27°♎30'10	45°59'01
	-7869 Feb 02 j 00:06	0°♏	
	-7869 Mar 02 j 21:36	0°♐	
desc. node	-7869 Mar 05 j 18:20	3°♐07'45	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7869 Mar 29 j 16:13	0°♉	
	-7869 Apr 24 j 08:52	0°♒	
	-7869 May 19 j 08:01	0°♓	
	-7869 Jun 12 j 18:14	0°♈	
asc. node	-7869 Jun 25 j 21:19	16°♈20'23	
	-7869 Jul 06 j 19:04	0°♉	
greatest brilliancy	-7869 Jul 20 j 23:43	17°♉52'28	-3.9m
morning set	-7869 Jul 26 j 00:32	24°♉13'52	
	-7869 Jul 30 j 14:05	0°♊	
	-7869 Aug 23 j 07:01	0°♋	
superior conj	-7869 Sep 04 j 06:59	15°♋09'59	1°16'27
minimum elong	-7869 Sep 04 j 15:29	15°♋36'49	1°16'48
max. Earth dist.	-7869 Sep 08 j 18:25	20°♋48'59	1.70829 AU
	-7869 Sep 16 j 01:15	0°♌	
	-7869 Oct 09 j 22:57	0°♍	
desc. node	-7869 Oct 16 j 06:01	7°♍51'52	
evening rise	-7869 Oct 17 j 08:10	9°♍13'26	
	-7869 Nov 03 j 00:55	0°♎	
	-7869 Nov 27 j 07:15	0°♏	
	-7869 Dec 21 j 18:38	0°♐	
	-7868 Jan 15 j 13:41	0°♑	
asc. node	-7868 Feb 05 j 09:31	24°♑43'32	
	-7868 Feb 09 j 21:40	0°♒	
	-7868 Mar 07 j 03:53	0°♓	
	-7868 Apr 04 j 05:36	0°♈	
evening max el	-7868 Apr 14 j 05:05	9°♈48'54	45°34'50
	-7868 May 08 j 07:54	0°♉	
greatest brilliancy	-7868 May 23 j 07:49	7°♉55'12	-4.8m
desc. node	-7868 May 28 j 00:40	9°♉10'07	
retrograde	-7868 Jun 02 j 05:22	9°♉40'01	
evening set	-7868 Jun 17 j 10:58	5°♉19'00	
inferior conj	-7868 Jun 23 j 03:11	2°♉02'51	-5°49'48
minimum elong	-7868 Jun 22 j 16:47	2°♉18'23	5°47'10
min. Earth dist.	-7868 Jun 23 j 05:57	1°♉58'41	0.27054 AU
	-7868 Jun 26 j 14:17	30°♑℞♈	
morning rise	-7868 Jun 27 j 22:13	29°♈14'50	
direct	-7868 Jul 14 j 00:36	24°♈20'40	
greatest brilliancy	-7868 Jul 24 j 22:49	26°♈33'05	-4.9m
	-7868 Aug 01 j 00:48	0°♉	
morning max el	-7868 Sep 02 j 15:37	27°♉29'27	46°47'12
	-7868 Sep 05 j 02:05	0°♊	
asc. node	-7868 Sep 17 j 08:10	13°♊08'53	
	-7868 Oct 02 j 05:36	0°♋	
	-7868 Oct 27 j 16:25	0°♌	
	-7868 Nov 21 j 14:51	0°♍	
	-7868 Dec 16 j 10:45	0°♎	
desc. node	-7867 Jan 07 j 19:51	27°♎02'37	
	-7867 Jan 10 j 06:34	0°♏	
	-7867 Feb 04 j 01:16	0°♐	
	-7867 Feb 28 j 17:10	0°♑	
morning set	-7867 Mar 07 j 20:58	8°♑44'41	
	-7867 Mar 25 j 05:13	0°♒	
max. Earth dist.	-7867 Apr 08 j 10:37	17°♒30'42	1.73312 AU
superior conj	-7867 Apr 12 j 07:05	22°♒15'55	-0°39'10
minimum elong	-7867 Apr 12 j 13:44	22°♒36'26	0°39'15
	-7867 Apr 18 j 13:23	0°♓	
asc. node	-7867 Apr 29 j 20:50	14°♓00'05	
	-7867 May 12 j 18:17	0°♈	
evening rise	-7867 May 17 j 19:27	6°♈16'23	
	-7867 Jun 05 j 20:56	0°♉	
	-7867 Jun 29 j 22:50	0°♊	
	-7867 Jul 24 j 02:01	0°♋	
	-7867 Aug 17 j 08:58	0°♌	
desc. node	-7867 Aug 20 j 07:04	3°♌35'11	
	-7867 Sep 10 j 22:56	0°♍	
	-7867 Oct 06 j 01:26	0°♎	
	-7867 Nov 01 j 06:08	0°♏	
evening max el	-7867 Nov 20 j 03:07	19°♏59'30	46°07'01
	-7867 Nov 30 j 13:01	0°♐	
asc. node	-7867 Dec 10 j 14:01	8°♐33'50	
greatest brilliancy	-7867 Dec 28 j 17:28	19°♐39'24	-4.8m
retrograde	-7866 Jan 08 j 18:52	21°♐55'45	
evening set	-7866 Jan 26 j 06:44	16°♐00'58	
inferior conj	-7866 Jan 30 j 05:44	13°♐30'53	8°01'56
minimum elong	-7866 Jan 30 j 03:09	13°♐35'02	8°01'21
min. Earth dist.	-7866 Jan 30 j 04:33	13°♐32'48	0.29509 AU
morning rise	-7866 Feb 02 j 23:39	11°♐08'24	
direct	-7866 Feb 20 j 23:41	5°♐00'38	
greatest brilliancy	-7866 Mar 02 j 13:09	6°♐39'09	-4.7m
desc. node	-7866 Apr 02 j 05:36	26°♐47'38	
	-7866 Apr 05 j 19:29	0°♑	
morning max el	-7866 Apr 10 j 19:52	4°♑40'45	45°57'26
	-7866 May 05 j 13:03	0°♒	
	-7866 Jun 01 j 04:49	0°♓	
	-7866 Jun 26 j 11:30	0°♈	
	-7866 Jul 20 j 22:56	0°♉	
asc. node	-7866 Jul 23 j 10:18	3°♉04'11	
	-7866 Aug 13 j 23:06	0°♊	
	-7866 Sep 06 j 18:09	0°♋	
	-7866 Sep 30 j 13:03	0°♌	
morning set	-7866 Oct 10 j 18:53	12°♌52'28	
	-7866 Oct 24 j 11:03	0°♍	
desc. node	-7866 Nov 12 j 19:20	24°♍06'17	
	-7866 Nov 17 j 13:16	0°♎	
superior conj	-7866 Nov 22 j 01:31	5°♎35'33	-0°20'54
minimum elong	-7866 Nov 21 j 20:14	5°♎19'14	0°20'38
max. Earth dist.	-7866 Nov 26 j 20:38	11°♎32'00	1.72456 AU
	-7866 Dec 11 j 19:11	0°♏	
evening rise	-7865 Jan 01 j 03:58	25°♏05'30	
	-7865 Jan 05 j 03:46	0°♐	
	-7865 Jan 29 j 14:53	0°♑	
	-7865 Feb 23 j 05:41	0°♒	
asc. node	-7865 Mar 04 j 21:20	11°♒41'19	
	-7865 Mar 20 j 02:13	0°♓	
	-7865 Apr 14 j 07:05	0°♈	
	-7865 May 10 j 00:22	0°♉	
	-7865 Jun 05 j 16:34	0°♊	
desc. node	-7865 Jun 25 j 11:06	20°♊50'35	
evening max el	-7865 Jun 27 j 20:28	23°♊13'53	47°14'22
	-7865 Jul 04 j 20:20	0°♋	
greatest brilliancy	-7865 Aug 08 j 09:38	24°♋19'35	-4.9m
retrograde	-7865 Aug 17 j 11:07	25°♋53'40	
evening set	-7865 Sep 03 j 16:39	20°♋11'08	
inferior conj	-7865 Sep 07 j 03:15	18°♋06'17	-7°59'02
minimum elong	-7865 Sep 07 j 12:09	17°♋52'40	7°57'12
min. Earth dist.	-7865 Sep 06 j 23:30	18°♋12'02	0.26569 AU
morning rise	-7865 Sep 11 j 07:41	15°♋35'46	
direct	-7865 Sep 27 j 07:21	10°♋31'07	
greatest brilliancy	-7865 Oct 07 j 10:18	12°♋28'48	-4.9m
asc. node	-7865 Oct 15 j 19:07	16°♋34'43	
	-7865 Nov 02 j 11:04	0°♌	
morning max el	-7865 Nov 16 j 13:58	13°♌25'35	46°29'22
	-7865 Dec 02 j 10:11	0°♍	
	-7865 Dec 29 j 09:02	0°♎	
	-7864 Jan 24 j 09:51	0°♏	
desc. node	-7864 Feb 05 j 08:28	13°♏57'38	
	-7864 Feb 18 j 23:14	0°♐	
	-7864 Mar 15 j 03:20	0°♑	
	-7864 Apr 08 j 22:40	0°♒	
	-7864 May 03 j 09:57	0°♓	
morning set	-7864 May 13 j 06:34	12°♓11'22	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

asc. node	-7864 May 27 j 10:06	29°♓46'41	
	-7864 May 27 j 14:22	0°♈	
max. Earth dist.	-7864 Jun 15 j 00:02	23°♈00'52	1.71637 AU
superior conj	-7864 Jun 18 j 19:22	27°♈47'26	0°49'04
minimum elong	-7864 Jun 18 j 10:48	27°♈20'31	0°48'55
	-7864 Jun 20 j 13:36	0°♉	
	-7864 Jul 14 j 09:45	0°♊	
evening rise	-7864 Jul 26 j 21:16	15°♊43'36	
	-7864 Aug 07 j 05:22	0°♋	
	-7864 Aug 31 j 02:59	0°♌	
desc. node	-7864 Sep 16 j 19:19	20°♌49'09	
	-7864 Sep 24 j 04:32	0°♍	
	-7864 Oct 18 j 11:32	0°♎	
	-7864 Nov 12 j 02:14	0°♏	
	-7864 Dec 07 j 06:12	0°♐	
	-7863 Jan 02 j 13:00	0°♑	
asc. node	-7863 Jan 07 j 00:30	4°♑54'01	
evening max el	-7863 Jan 29 j 23:15	28°♑28'48	44°59'53
	-7863 Jan 31 j 13:42	0°♒	
greatest brilliancy	-7863 Mar 08 j 11:40	25°♒30'13	-4.7m
retrograde	-7863 Mar 18 j 23:36	27°♒27'07	
evening set	-7863 Apr 03 j 19:46	22°♒43'15	
inferior conj	-7863 Apr 09 j 07:39	19°♒27'24	4°25'07
minimum elong	-7863 Apr 09 j 15:50	19°♒14'49	4°22'47
min. Earth dist.	-7863 Apr 10 j 10:21	18°♒46'20	0.28789 AU
morning rise	-7863 Apr 15 j 11:10	15°♒48'13	
desc. node	-7863 Apr 29 j 16:22	11°♒10'54	
direct	-7863 May 01 j 03:58	11°♒08'20	
greatest brilliancy	-7863 May 12 j 12:51	13°♒27'23	-4.8m
	-7863 Jun 06 j 15:11	0°♓	
morning max el	-7863 Jun 20 j 00:24	12°♓25'20	46°25'13
	-7863 Jul 06 j 21:54	0°♈	
	-7863 Aug 02 j 07:11	0°♉	
asc. node	-7863 Aug 19 j 22:41	21°♉06'51	
	-7863 Aug 27 j 05:48	0°♊	
	-7863 Sep 20 j 12:57	0°♋	
	-7863 Oct 14 j 15:04	0°♌	
	-7863 Nov 07 j 18:13	0°♍	
	-7863 Dec 02 j 00:50	0°♎	
desc. node	-7863 Dec 10 j 08:43	10°♎15'15	
morning set	-7863 Dec 25 j 23:04	29°♎24'56	
	-7863 Dec 26 j 10:29	0°♏	
	-7862 Jan 19 j 21:29	0°♐	
superior conj	-7862 Feb 02 j 10:16	16°♐35'49	-1°21'33
minimum elong	-7862 Feb 02 j 09:03	16°♐32'06	1°22'03
max. Earth dist.	-7862 Feb 01 j 22:22	15°♐59'20	1.73712 AU
	-7862 Feb 13 j 08:24	0°♑	
	-7862 Mar 09 j 18:52	0°♒	
evening rise	-7862 Mar 10 j 13:59	0°♒58'41	
greatest brilliancy	-7862 Mar 10 j 20:56	1°♒20'01	-3.9m
asc. node	-7862 Apr 01 j 09:55	27°♒46'39	
	-7862 Apr 03 j 05:22	0°♓	
	-7862 Apr 27 j 16:41	0°♈	
	-7862 May 22 j 05:44	0°♉	
	-7862 Jun 15 j 22:11	0°♊	
	-7862 Jul 10 j 21:37	0°♋	
desc. node	-7862 Jul 22 j 21:42	14°♋11'52	
	-7862 Aug 05 j 11:36	0°♌	
	-7862 Sep 01 j 11:22	0°♍	
evening max el	-7862 Sep 08 j 06:46	7°♍05'29	47°38'00
	-7862 Oct 03 j 12:46	0°♎	
greatest brilliancy	-7862 Oct 18 j 21:47	9°♎01'30	-4.9m
retrograde	-7862 Oct 29 j 11:23	11°♎10'22	
asc. node	-7862 Nov 12 j 05:40	7°♎14'08	
evening set	-7862 Nov 13 j 04:29	6°♎42'33	
min. Earth dist.	-7862 Nov 18 j 10:46	3°♎29'27	0.27673 AU
inferior conj	-7862 Nov 19 j 08:38	2°♎54'32	1°43'27
minimum elong	-7862 Nov 19 j 05:03	3°♎00'15	1°42'25
	-7862 Nov 24 j 01:22	30°℞♍	
morning rise	-7862 Nov 25 j 06:46	29°♍18'01	
direct	-7862 Dec 10 j 02:06	24°♍54'30	
greatest brilliancy	-7862 Dec 18 j 23:16	26°♍24'11	-4.8m
	-7862 Dec 27 j 03:31	0°♎	
morning max el	-7861 Jan 28 j 00:53	25°♎16'24	45°59'32
	-7861 Feb 01 j 21:42	0°♏	
	-7861 Mar 02 j 13:16	0°♐	
desc. node	-7861 Mar 04 j 20:34	2°♐31'43	
	-7861 Mar 29 j 05:40	0°♑	
	-7861 Apr 23 j 21:14	0°♒	
	-7861 May 18 j 19:48	0°♓	
	-7861 Jun 12 j 05:43	0°♈	
asc. node	-7861 Jun 24 j 23:23	15°♈51'18	
	-7861 Jul 06 j 06:24	0°♉	
greatest brilliancy	-7861 Jul 19 j 21:34	17°♉09'56	-3.9m
morning set	-7861 Jul 23 j 13:14	21°♉46'37	
	-7861 Jul 30 j 01:23	0°♊	
	-7861 Aug 22 j 18:22	0°♋	
superior conj	-7861 Sep 01 j 16:33	12°♋32'44	1°17'55
minimum elong	-7861 Sep 02 j 00:13	12°♋56'58	1°18'20
max. Earth dist.	-7861 Sep 05 j 18:59	17°♋43'28	1.70803 AU
	-7861 Sep 15 j 12:39	0°♌	
	-7861 Oct 09 j 10:22	0°♍	
evening rise	-7861 Oct 14 j 16:00	6°♍32'27	
desc. node	-7861 Oct 15 j 08:12	7°♍23'02	
	-7861 Nov 02 j 12:20	0°♎	
	-7861 Nov 26 j 18:43	0°♏	
	-7861 Dec 21 j 06:18	0°♐	
	-7860 Jan 15 j 01:49	0°♑	
asc. node	-7860 Feb 04 j 11:38	24°♑11'59	
	-7860 Feb 09 j 10:48	0°♒	
	-7860 Mar 06 j 19:09	0°♓	
	-7860 Apr 04 j 02:16	0°♈	
evening max el	-7860 Apr 11 j 18:14	7°♈28'55	45°31'52
	-7860 May 09 j 12:06	0°♉	
greatest brilliancy	-7860 May 20 j 20:11	5°♉32'02	-4.8m
desc. node	-7860 May 27 j 02:52	7°♉02'10	
retrograde	-7860 May 30 j 17:07	7°♉16'38	
evening set	-7860 Jun 14 j 20:42	2°♉59'18	
	-7860 Jun 20 j 02:12	30°℞♈	
inferior conj	-7860 Jun 20 j 15:56	29°♈39'28	-5°31'44
minimum elong	-7860 Jun 20 j 05:44	29°♈54'43	5°29'05
min. Earth dist.	-7860 Jun 20 j 20:04	29°♈33'16	0.27094 AU
morning rise	-7860 Jun 25 j 14:14	26°♈46'41	
direct	-7860 Jul 11 j 13:31	21°♈56'08	
greatest brilliancy	-7860 Jul 22 j 14:07	24°♈10'09	-4.9m
	-7860 Aug 02 j 11:52	0°♉	
morning max el	-7860 Aug 31 j 03:43	24°♉59'04	46°47'07
	-7860 Sep 04 j 23:46	0°♊	
asc. node	-7860 Sep 16 j 10:31	12°♊23'59	
	-7860 Oct 01 j 21:51	0°♋	
	-7860 Oct 27 j 06:32	0°♌	
	-7860 Nov 21 j 03:47	0°♍	
	-7860 Dec 15 j 22:55	0°♎	
desc. node	-7859 Jan 06 j 21:52	26°♎33'25	
	-7859 Jan 09 j 18:11	0°♏	
	-7859 Feb 03 j 12:31	0°♐	
	-7859 Feb 28 j 04:09	0°♑	
morning set	-7859 Mar 05 j 15:55	6°♑42'27	
	-7859 Mar 24 j 16:05	0°♒	
max. Earth dist.	-7859 Apr 06 j 07:42	15°♒34'17	1.73359 AU

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

superior conj	-7859 Apr 10 j 02:46	20°♒15'01	-0°41'43
minimum elong	-7859 Apr 10 j 09:42	20°♒36'26	0°41'49
	-7859 Apr 18 j 00:16	0°♓	
asc. node	-7859 Apr 28 j 22:58	13°♓32'49	
	-7859 May 12 j 05:18	0°♈	
evening rise	-7859 May 15 j 14:25	4°♈11'53	
	-7859 Jun 05 j 08:11	0°♉	
	-7859 Jun 29 j 10:24	0°♊	
	-7859 Jul 23 j 13:56	0°♋	
	-7859 Aug 16 j 21:22	0°♌	
desc. node	-7859 Aug 19 j 09:17	3°♌03'45	
	-7859 Sep 10 j 12:03	0°♍	
	-7859 Oct 05 j 15:47	0°♎	
	-7859 Oct 31 j 23:15	0°♏	
evening max el	-7859 Nov 17 j 18:06	17°♏42'55	46°10'35
	-7859 Nov 30 j 16:02	0°♐	
asc. node	-7859 Dec 09 j 16:11	7°♐28'38	
greatest brilliancy	-7859 Dec 26 j 10:46	17°♐31'40	-4.8m
retrograde	-7858 Jan 06 j 12:37	19°♐49'07	
evening set	-7858 Jan 23 j 22:47	13°♐56'00	
inferior conj	-7858 Jan 27 j 23:16	11°♐23'49	7°59'18
minimum elong	-7858 Jan 27 j 20:03	11°♐28'59	7°58'40
min. Earth dist.	-7858 Jan 27 j 20:49	11°♐27'45	0.29482 AU
morning rise	-7858 Jan 31 j 17:23	9°♐01'04	
direct	-7858 Feb 18 j 16:00	2°♐53'50	
greatest brilliancy	-7858 Feb 28 j 05:00	4°♐31'57	-4.7m
desc. node	-7858 Apr 01 j 07:50	25°♐55'00	
	-7858 Apr 05 j 19:21	0°♑	
morning max el	-7858 Apr 08 j 12:24	2°♑33'02	45°56'58
	-7858 May 05 j 05:06	0°♒	
	-7858 May 31 j 18:23	0°♓	
	-7858 Jun 25 j 23:58	0°♈	
	-7858 Jul 20 j 10:51	0°♉	
asc. node	-7858 Jul 22 j 12:24	2°♉33'49	
	-7858 Aug 13 j 10:44	0°♊	
	-7858 Sep 06 j 05:36	0°♋	
	-7858 Sep 30 j 00:22	0°♌	
morning set	-7858 Oct 08 j 04:23	10°♌16'08	
	-7858 Oct 23 j 22:16	0°♍	
desc. node	-7858 Nov 11 j 21:22	23°♍37'56	
	-7858 Nov 17 j 00:25	0°♎	
superior conj	-7858 Nov 19 j 11:58	3°♎04'42	-0°17'15
minimum elong	-7858 Nov 19 j 07:33	2°♎51'00	0°17'00
max. Earth dist.	-7858 Nov 24 j 08:17	9°♎05'06	1.72392 AU
	-7858 Dec 11 j 06:15	0°♏	
evening rise	-7858 Dec 29 j 18:50	22°♏49'41	
	-7857 Jan 04 j 14:49	0°♐	
	-7857 Jan 29 j 02:00	0°♑	
	-7857 Feb 22 j 17:02	0°♒	
asc. node	-7857 Mar 03 j 23:39	11°♒13'30	
	-7857 Mar 19 j 14:07	0°♓	
	-7857 Apr 13 j 19:56	0°♈	
	-7857 May 09 j 14:56	0°♉	
	-7857 Jun 05 j 10:32	0°♊	
desc. node	-7857 Jun 24 j 13:10	19°♊57'46	
evening max el	-7857 Jun 25 j 09:51	20°♊49'05	47°11'15
	-7857 Jul 05 j 00:29	0°♋	
greatest brilliancy	-7857 Aug 05 j 21:26	21°♋48'18	-4.9m
retrograde	-7857 Aug 14 j 23:43	23°♋22'51	
evening set	-7857 Sep 01 j 07:42	17°♋36'05	
inferior conj	-7857 Sep 04 j 15:20	15°♋35'56	-8°09'45
minimum elong	-7857 Sep 04 j 23:42	15°♋23'11	8°08'06
min. Earth dist.	-7857 Sep 04 j 11:31	15°♋41'46	0.26569 AU
morning rise	-7857 Sep 08 j 15:43	13°♋11'43	
direct	-7857 Sep 24 j 19:58	8°♋01'03	
greatest brilliancy	-7857 Oct 04 j 22:56	9°♋59'16	-4.9m
asc. node	-7857 Oct 14 j 21:19	15°♋03'28	
	-7857 Nov 02 j 17:30	0°♌	
morning max el	-7857 Nov 14 j 04:33	11°♌03'21	46°30'29
	-7857 Dec 02 j 04:33	0°♍	
	-7857 Dec 28 j 23:49	0°♎	
	-7856 Jan 23 j 22:54	0°♏	
desc. node	-7856 Feb 04 j 10:39	13°♏27'18	
	-7856 Feb 18 j 11:17	0°♐	
	-7856 Mar 14 j 14:46	0°♑	
	-7856 Apr 08 j 09:43	0°♒	
	-7856 May 02 j 20:49	0°♓	
morning set	-7856 May 11 j 01:23	10°♓07'27	
asc. node	-7856 May 26 j 12:12	29°♓19'30	
	-7856 May 27 j 01:12	0°♈	
max. Earth dist.	-7856 Jun 12 j 13:37	20°♈39'00	1.71699 AU
superior conj	-7856 Jun 16 j 11:57	25°♈34'42	0°46'22
minimum elong	-7856 Jun 16 j 03:42	25°♈08'49	0°46'13
	-7856 Jun 20 j 00:29	0°♉	
	-7856 Jul 13 j 20:47	0°♊	
evening rise	-7856 Jul 24 j 10:01	13°♊17'30	
	-7856 Aug 06 j 16:35	0°♋	
	-7856 Aug 30 j 14:24	0°♌	
desc. node	-7856 Sep 15 j 21:30	20°♌19'59	
	-7856 Sep 23 j 16:11	0°♍	
	-7856 Oct 17 j 23:27	0°♎	
	-7856 Nov 11 j 14:39	0°♏	
	-7856 Dec 06 j 19:37	0°♐	
	-7855 Jan 02 j 04:48	0°♑	
asc. node	-7855 Jan 06 j 02:43	4°♑15'34	
evening max el	-7855 Jan 27 j 15:36	26°♑20'04	45°00'41
	-7855 Jan 31 j 13:11	0°♒	
greatest brilliancy	-7855 Mar 06 j 03:15	23°♒21'57	-4.7m
retrograde	-7855 Mar 16 j 15:17	25°♒18'46	
evening set	-7855 Apr 01 j 14:07	20°♒31'30	
inferior conj	-7855 Apr 06 j 23:41	17°♒18'11	4°40'56
minimum elong	-7855 Apr 07 j 08:06	17°♒05'11	4°38'36
min. Earth dist.	-7855 Apr 08 j 02:09	16°♒37'20	0.28844 AU
morning rise	-7855 Apr 13 j 01:27	13°♒40'50	
direct	-7855 Apr 28 j 20:49	8°♒58'19	
desc. node	-7855 Apr 28 j 18:28	8°♒58'20	
greatest brilliancy	-7855 May 10 j 03:45	11°♒15'24	-4.8m
	-7855 Jun 06 j 19:43	0°♓	
morning max el	-7855 Jun 17 j 15:54	10°♓11'02	46°24'03
	-7855 Jul 06 j 15:14	0°♈	
	-7855 Aug 01 j 21:26	0°♉	
asc. node	-7855 Aug 19 j 01:02	20°♉33'55	
	-7855 Aug 26 j 18:42	0°♊	
	-7855 Sep 20 j 01:11	0°♋	
	-7855 Oct 14 j 02:54	0°♌	
	-7855 Nov 07 j 05:46	0°♍	
	-7855 Dec 01 j 12:06	0°♎	
desc. node	-7855 Dec 09 j 10:46	9°♎47'08	
morning set	-7855 Dec 23 j 12:25	27°♎04'43	
	-7855 Dec 25 j 21:32	0°♏	
	-7854 Jan 19 j 08:21	0°♐	
superior conj	-7854 Jan 31 j 03:24	14°♐27'56	-1°21'18
minimum elong	-7854 Jan 31 j 01:30	14°♐22'07	1°21'46
max. Earth dist.	-7854 Jan 30 j 20:49	14°♐07'45	1.73692 AU
	-7854 Feb 12 j 19:12	0°♑	
evening rise	-7854 Mar 08 j 09:02	28°♑56'32	
	-7854 Mar 09 j 05:43	0°♒	
greatest brilliancy	-7854 Mar 09 j 06:42	0°♒03'01	-3.9m
asc. node	-7854 Mar 31 j 12:04	27°♒19'31	
	-7854 Apr 02 j 16:24	0°♓	
	-7854 Apr 27 j 04:02	0°♈	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7854 May 21 j 17:34	0°♉	
	-7854 Jun 15 j 10:44	0°♊	
	-7854 Jul 10 j 11:18	0°♋	
desc. node	-7854 Jul 21 j 23:59	13°♋36'14	
	-7854 Aug 05 j 03:17	0°♌	
	-7854 Sep 01 j 07:46	0°♍	
evening max el	-7854 Sep 05 j 22:28	4°♍46'27	47°39'18
	-7854 Oct 04 j 10:01	0°♎	
greatest brilliancy	-7854 Oct 16 j 15:02	6°♎43'10	-4.9m
retrograde	-7854 Oct 27 j 02:36	8°♎49'52	
evening set	-7854 Nov 10 j 19:38	4°♎23'08	
asc. node	-7854 Nov 11 j 07:52	4°♎05'40	
min. Earth dist.	-7854 Nov 16 j 02:28	1°♎09'12	0.27604 AU
inferior conj	-7854 Nov 16 j 23:42	0°♎35'15	1°22'34
minimum elong	-7854 Nov 16 j 20:50	0°♎39'51	1°21'45
	-7854 Nov 17 j 21:49	30°℞♍	
morning rise	-7854 Nov 22 j 23:08	26°♍56'50	
direct	-7854 Dec 07 j 16:23	22°♍36'38	
greatest brilliancy	-7854 Dec 16 j 14:25	24°♍06'49	-4.8m
	-7854 Dec 28 j 15:27	0°♎	
morning max el	-7853 Jan 25 j 14:57	23°♎00'20	46°00'10
	-7853 Feb 01 j 18:28	0°♏	
	-7853 Mar 02 j 04:32	0°♐	
desc. node	-7853 Mar 03 j 22:49	1°♐56'28	
	-7853 Mar 28 j 18:48	0°♑	
	-7853 Apr 23 j 09:18	0°♒	
	-7853 May 18 j 07:19	0°♓	
	-7853 Jun 11 j 16:56	0°♈	
asc. node	-7853 Jun 24 j 01:31	15°♈23'11	
	-7853 Jul 05 j 17:28	0°♉	
greatest brilliancy	-7853 Jul 18 j 20:03	16°♉30'16	-3.9m
morning set	-7853 Jul 21 j 02:32	19°♉22'14	
	-7853 Jul 29 j 12:25	0°♊	
	-7853 Aug 22 j 05:25	0°♋	
superior conj	-7853 Aug 30 j 02:47	9°♋58'35	1°19'13
minimum elong	-7853 Aug 30 j 09:36	10°♋20'07	1°19'39
max. Earth dist.	-7853 Sep 02 j 18:41	14°♋36'09	1.70782 AU
	-7853 Sep 14 j 23:44	0°♌	
	-7853 Oct 08 j 21:30	0°♍	
evening rise	-7853 Oct 12 j 00:01	3°♍52'50	
desc. node	-7853 Oct 14 j 10:16	6°♍54'38	
	-7853 Nov 01 j 23:32	0°♎	
	-7853 Nov 26 j 06:02	0°♏	
	-7853 Dec 20 j 17:52	0°♐	
	-7852 Jan 14 j 13:55	0°♑	
asc. node	-7852 Feb 03 j 13:59	23°♑41'16	
	-7852 Feb 08 j 23:56	0°♒	
	-7852 Mar 06 j 10:31	0°♓	
	-7852 Apr 03 j 23:29	0°♈	
evening max el	-7852 Apr 09 j 07:02	5°♈08'39	45°29'09
	-7852 May 11 j 03:48	0°♉	
greatest brilliancy	-7852 May 18 j 08:00	3°♉08'53	-4.8m
desc. node	-7852 May 26 j 05:02	4°♉49'34	
retrograde	-7852 May 28 j 05:11	4°♉54'08	
evening set	-7852 Jun 12 j 06:37	0°♉39'45	
	-7852 Jun 13 j 12:09	30°℞♈	
inferior conj	-7852 Jun 18 j 04:39	27°♈16'38	-5°13'09
minimum elong	-7852 Jun 17 j 18:43	27°♈31'28	5°10'30
min. Earth dist.	-7852 Jun 18 j 10:00	27°♈08'38	0.27135 AU
morning rise	-7852 Jun 23 j 06:11	24°♈19'27	
direct	-7852 Jul 09 j 02:36	19°♈32'00	
greatest brilliancy	-7852 Jul 20 j 05:28	21°♈48'02	-4.9m
	-7852 Aug 03 j 12:38	0°♉	
morning max el	-7852 Aug 28 j 16:40	22°♉31'42	46°47'14
	-7852 Sep 04 j 20:26	0°♊	
asc. node	-7852 Sep 15 j 12:39	11°♊39'46	
	-7852 Oct 01 j 13:35	0°♋	
	-7852 Oct 26 j 20:15	0°♌	
	-7852 Nov 20 j 16:25	0°♍	
	-7852 Dec 15 j 10:53	0°♎	
desc. node	-7851 Jan 06 j 00:04	26°♎05'04	
	-7851 Jan 09 j 05:41	0°♏	
	-7851 Feb 02 j 23:42	0°♐	
	-7851 Feb 27 j 15:07	0°♑	
morning set	-7851 Mar 03 j 10:23	4°♑38'48	
	-7851 Mar 24 j 02:55	0°♒	
max. Earth dist.	-7851 Apr 04 j 05:53	13°♒41'21	1.73400 AU
superior conj	-7851 Apr 07 j 22:05	18°♒13'11	-0°44'15
minimum elong	-7851 Apr 08 j 05:17	18°♒35'25	0°44'21
	-7851 Apr 17 j 11:06	0°♓	
asc. node	-7851 Apr 28 j 01:03	13°♓05'30	
	-7851 May 11 j 16:16	0°♈	
evening rise	-7851 May 13 j 09:16	2°♈07'16	
	-7851 Jun 04 j 19:24	0°♉	
	-7851 Jun 28 j 21:56	0°♊	
	-7851 Jul 23 j 01:51	0°♋	
	-7851 Aug 16 j 09:44	0°♌	
desc. node	-7851 Aug 18 j 11:31	2°♌32'31	
	-7851 Sep 10 j 01:06	0°♍	
	-7851 Oct 05 j 06:08	0°♎	
	-7851 Oct 31 j 16:32	0°♏	
evening max el	-7851 Nov 15 j 09:46	15°♏28'27	46°14'04
	-7851 Nov 30 j 20:37	0°♐	
asc. node	-7851 Dec 08 j 18:24	6°♐22'03	
greatest brilliancy	-7851 Dec 24 j 03:21	15°♐23'05	-4.8m
retrograde	-7850 Jan 04 j 06:35	17°♐42'13	
evening set	-7850 Jan 21 j 14:33	11°♐50'52	
inferior conj	-7850 Jan 25 j 16:41	9°♐16'16	7°55'58
minimum elong	-7850 Jan 25 j 12:52	9°♐22'23	7°55'16
min. Earth dist.	-7850 Jan 25 j 12:43	9°♐22'38	0.29458 AU
morning rise	-7850 Jan 29 j 11:18	6°♐52'57	
direct	-7850 Feb 16 j 08:50	0°♐46'32	
greatest brilliancy	-7850 Feb 25 j 20:31	2°♐24'00	-4.7m
desc. node	-7850 Mar 31 j 09:54	25°♐02'34	
	-7850 Apr 05 j 18:22	0°♑	
morning max el	-7850 Apr 06 j 05:35	0°♑26'36	45°56'27
	-7850 May 04 j 21:01	0°♒	
	-7850 May 31 j 07:56	0°♓	
	-7850 Jun 25 j 12:26	0°♈	
	-7850 Jul 19 j 22:47	0°♉	
asc. node	-7850 Jul 21 j 14:41	2°♉03'56	
	-7850 Aug 12 j 22:22	0°♊	
	-7850 Sep 05 j 17:05	0°♋	
	-7850 Sep 29 j 11:43	0°♌	
morning set	-7850 Oct 05 j 14:07	7°♌40'21	
	-7850 Oct 23 j 09:31	0°♍	
desc. node	-7850 Nov 10 j 23:28	23°♍09'44	
	-7850 Nov 16 j 11:34	0°♎	
superior conj	-7850 Nov 16 j 22:31	0°♎34'00	-0°13'33
minimum elong	-7850 Nov 16 j 18:59	0°♎23'03	0°13'20
behind sun begin	-7850 Nov 16 j 03:37	29°♍35'21	
behind sun end	-7850 Nov 17 j 10:22	1°♎10'46	
max. Earth dist.	-7850 Nov 21 j 21:42	6°♎43'36	1.72328 AU
	-7850 Dec 10 j 17:19	0°♏	
evening rise	-7850 Dec 27 j 09:52	20°♏34'19	
	-7849 Jan 04 j 01:52	0°♐	
	-7849 Jan 28 j 13:10	0°♑	
	-7849 Feb 22 j 04:32	0°♒	
asc. node	-7849 Mar 03 j 01:47	10°♒44'41	
	-7849 Mar 19 j 02:13	0°♓	
	-7849 Apr 13 j 09:04	0°♈	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7849 May 09 j 05:52	0°♉	
	-7849 Jun 05 j 05:08	0°♊	
evening max el	-7849 Jun 22 j 23:50	18°♊25'30	47°08'10
desc. node	-7849 Jun 23 j 15:27	19°♊04'01	
	-7849 Jul 05 j 06:42	0°♋	
greatest brilliancy	-7849 Aug 03 j 08:51	19°♋16'24	-4.9m
retrograde	-7849 Aug 12 j 12:19	20°♋51'25	
evening set	-7849 Aug 29 j 22:37	15°♋00'50	
inferior conj	-7849 Sep 02 j 03:22	13°♋05'02	-8°19'38
minimum elong	-7849 Sep 02 j 11:07	12°♋53'13	8°18'08
min. Earth dist.	-7849 Sep 01 j 23:18	13°♋11'14	0.26568 AU
morning rise	-7849 Sep 05 j 23:41	10°♋47'01	
direct	-7849 Sep 22 j 08:54	5°♋30'39	
greatest brilliancy	-7849 Oct 02 j 11:12	7°♋28'42	-4.9m
asc. node	-7849 Oct 13 j 23:30	13°♋34'55	
	-7849 Nov 02 j 22:07	0°♌	
morning max el	-7849 Nov 11 j 18:48	8°♌39'46	46°31'38
	-7849 Dec 01 j 22:36	0°♍	
	-7849 Dec 28 j 14:30	0°♎	
	-7848 Jan 23 j 11:57	0°♏	
desc. node	-7848 Feb 03 j 12:51	12°♏56'51	
	-7848 Feb 17 j 23:23	0°♐	
	-7848 Mar 14 j 02:18	0°♑	
	-7848 Apr 07 j 20:57	0°♒	
	-7848 May 02 j 07:55	0°♓	
morning set	-7848 May 08 j 20:01	8°♓02'18	
asc. node	-7848 May 25 j 14:24	28°♓51'45	
	-7848 May 26 j 12:17	0°♈	
max. Earth dist.	-7848 Jun 10 j 01:28	18°♈10'59	1.71761 AU
superior conj	-7848 Jun 14 j 04:24	23°♈20'54	0°43'36
minimum elong	-7848 Jun 13 j 20:31	22°♈56'10	0°43'25
	-7848 Jun 19 j 11:38	0°♉	
	-7848 Jul 13 j 08:02	0°♊	
evening rise	-7848 Jul 21 j 22:43	10°♊50'38	
	-7848 Aug 06 j 04:01	0°♋	
	-7848 Aug 30 j 02:02	0°♌	
desc. node	-7848 Sep 14 j 23:31	19°♌49'36	
	-7848 Sep 23 j 04:03	0°♍	
	-7848 Oct 17 j 11:38	0°♎	
	-7848 Nov 11 j 03:20	0°♏	
	-7848 Dec 06 j 09:20	0°♐	
	-7847 Jan 01 j 21:01	0°♑	
asc. node	-7847 Jan 05 j 05:05	3°♑36'42	
evening max el	-7847 Jan 25 j 07:09	24°♑08'52	45°01'33
	-7847 Jan 31 j 13:57	0°♒	
greatest brilliancy	-7847 Mar 03 j 19:17	21°♒13'52	-4.7m
retrograde	-7847 Mar 14 j 06:38	23°♒10'20	
evening set	-7847 Mar 30 j 08:35	18°♒19'25	
inferior conj	-7847 Apr 04 j 15:53	15°♒08'50	4°56'14
minimum elong	-7847 Apr 05 j 00:29	14°♒55'30	4°53'54
min. Earth dist.	-7847 Apr 05 j 18:19	14°♒27'53	0.28904 AU
morning rise	-7847 Apr 10 j 15:44	11°♒33'23	
direct	-7847 Apr 26 j 13:23	6°♒47'58	
desc. node	-7847 Apr 27 j 20:41	6°♒49'55	
greatest brilliancy	-7847 May 07 j 19:19	9°♒03'33	-4.8m
	-7847 Jun 06 j 23:01	0°♓	
morning max el	-7847 Jun 15 j 06:39	7°♓53'50	46°22'48
	-7847 Jul 06 j 08:39	0°♈	
	-7847 Aug 01 j 11:56	0°♉	
asc. node	-7847 Aug 18 j 03:09	19°♉59'17	
	-7847 Aug 26 j 07:53	0°♊	
	-7847 Sep 19 j 13:40	0°♋	
	-7847 Oct 13 j 14:58	0°♌	
	-7847 Nov 06 j 17:31	0°♍	
	-7847 Nov 30 j 23:37	0°♎	
desc. node	-7847 Dec 08 j 12:56	9°♎18'35	
morning set	-7847 Dec 21 j 01:48	24°♎43'41	
	-7847 Dec 25 j 08:49	0°♏	
	-7846 Jan 18 j 19:28	0°♐	
superior conj	-7846 Jan 28 j 20:43	12°♐19'51	-1°20'55
minimum elong	-7846 Jan 28 j 18:08	12°♐11'57	1°21'23
max. Earth dist.	-7846 Jan 28 j 18:13	12°♐12'13	1.73666 AU
	-7846 Feb 12 j 06:14	0°♑	
evening rise	-7846 Mar 06 j 04:18	26°♑54'21	
greatest brilliancy	-7846 Mar 07 j 12:59	28°♑34'39	-3.9m
	-7846 Mar 08 j 16:48	0°♒	
asc. node	-7846 Mar 30 j 14:12	26°♒51'32	
	-7846 Apr 02 j 03:41	0°♓	
	-7846 Apr 26 j 15:40	0°♈	
	-7846 May 21 j 05:46	0°♉	
	-7846 Jun 14 j 23:45	0°♊	
	-7846 Jul 10 j 01:33	0°♋	
desc. node	-7846 Jul 21 j 02:11	12°♋58'46	
	-7846 Aug 04 j 19:41	0°♌	
	-7846 Sep 01 j 05:19	0°♍	
evening max el	-7846 Sep 03 j 13:08	2°♍23'27	47°40'40
	-7846 Oct 05 j 15:58	0°♎	
greatest brilliancy	-7846 Oct 14 j 08:31	4°♎23'52	-4.9m
retrograde	-7846 Oct 24 j 17:31	6°♎28'21	
evening set	-7846 Nov 08 j 10:56	2°♎02'14	
asc. node	-7846 Nov 10 j 10:09	0°♎53'07	
	-7846 Nov 11 j 20:39	30°℞♍	
min. Earth dist.	-7846 Nov 13 j 18:23	28°♍47'36	0.27533 AU
inferior conj	-7846 Nov 14 j 14:48	28°♍14'59	1°01'26
minimum elong	-7846 Nov 14 j 12:39	28°♍18'26	1°00'52
morning rise	-7846 Nov 20 j 15:22	24°♍34'52	
direct	-7846 Dec 05 j 06:11	20°♍17'34	
greatest brilliancy	-7846 Dec 14 j 06:02	21°♍48'56	-4.8m
	-7846 Dec 29 j 17:24	0°♎	
morning max el	-7845 Jan 23 j 05:01	20°♎43'13	46°00'59
	-7845 Feb 01 j 14:52	0°♏	
	-7845 Mar 01 j 19:51	0°♐	
desc. node	-7845 Mar 03 j 00:48	1°♐20'03	
	-7845 Mar 28 j 08:04	0°♑	
	-7845 Apr 22 j 21:34	0°♒	
	-7845 May 17 j 19:03	0°♓	
	-7845 Jun 11 j 04:23	0°♈	
asc. node	-7845 Jun 23 j 03:46	14°♈54'36	
	-7845 Jul 05 j 04:50	0°♉	
greatest brilliancy	-7845 Jul 17 j 19:00	15°♉51'04	-3.9m
morning set	-7845 Jul 18 j 15:51	16°♉56'50	
	-7845 Jul 28 j 23:48	0°♊	
	-7845 Aug 21 j 16:51	0°♋	
superior conj	-7845 Aug 27 j 12:44	7°♋22'14	1°20'21
minimum elong	-7845 Aug 27 j 18:37	7°♋40'49	1°20'48
max. Earth dist.	-7845 Aug 30 j 16:52	11°♋22'43	1.70768 AU
	-7845 Sep 14 j 11:13	0°♌	
	-7845 Oct 08 j 09:00	0°♍	
evening rise	-7845 Oct 09 j 07:34	1°♍10'32	
desc. node	-7845 Oct 13 j 12:23	6°♍25'17	
	-7845 Nov 01 j 11:04	0°♎	
	-7845 Nov 25 j 17:41	0°♏	
	-7845 Dec 20 j 05:47	0°♐	
	-7844 Jan 14 j 02:20	0°♑	
asc. node	-7844 Feb 02 j 16:07	23°♑09'00	
	-7844 Feb 08 j 13:26	0°♒	
	-7844 Mar 06 j 02:20	0°♓	
	-7844 Apr 03 j 21:40	0°♈	
evening max el	-7844 Apr 06 j 20:34	2°♈50'04	45°26'40
	-7844 May 13 j 18:08	0°♉	
greatest brilliancy	-7844 May 15 j 19:28	0°♉45'50	-4.8m

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

desc. node	-7844 May 25 j 07:16	2°♉32'12	
retrograde	-7844 May 25 j 18:09	2°♉32'26	
	-7844 Jun 06 j 06:00	30°℞♈	
evening set	-7844 Jun 09 j 17:08	28°♈20'30	
inferior conj	-7844 Jun 15 j 17:39	24°♈54'16	-4°54'08
minimum elong	-7844 Jun 15 j 08:04	25°♈08'33	4°51'31
min. Earth dist.	-7844 Jun 15 j 23:49	24°♈45'05	0.27181 AU
morning rise	-7844 Jun 20 j 22:23	21°♈52'59	
direct	-7844 Jul 06 j 16:30	17°♈08'25	
greatest brilliancy	-7844 Jul 17 j 20:36	19°♈25'53	-4.9m
	-7844 Aug 04 j 07:08	0°♉	
morning max el	-7844 Aug 26 j 06:48	20°♉06'41	46°46'59
	-7844 Sep 04 j 16:50	0°♊	
asc. node	-7844 Sep 14 j 14:50	10°♊55'15	
	-7844 Oct 01 j 05:30	0°♋	
	-7844 Oct 26 j 10:15	0°♌	
	-7844 Nov 20 j 05:22	0°♍	
	-7844 Dec 14 j 23:08	0°♎	
desc. node	-7843 Jan 05 j 02:12	25°♎35'45	
	-7843 Jan 08 j 17:26	0°♏	
	-7843 Feb 02 j 11:05	0°♐	
	-7843 Feb 27 j 02:16	0°♑	
morning set	-7843 Mar 01 j 04:55	2°♑34'43	
	-7843 Mar 23 j 13:57	0°♒	
max. Earth dist.	-7843 Apr 02 j 04:57	11°♒50'35	1.73435 AU
superior conj	-7843 Apr 05 j 17:41	16°♒11'40	-0°46'42
minimum elong	-7843 Apr 06 j 01:07	16°♒34'36	0°46'48
	-7843 Apr 16 j 22:07	0°♓	
asc. node	-7843 Apr 27 j 03:18	12°♓38'11	
evening rise	-7843 May 11 j 04:34	0°♈03'37	
	-7843 May 11 j 03:24	0°♈	
	-7843 Jun 04 j 06:46	0°♉	
	-7843 Jun 28 j 09:36	0°♊	
	-7843 Jul 22 j 13:55	0°♋	
	-7843 Aug 15 j 22:21	0°♌	
desc. node	-7843 Aug 17 j 13:31	1°♌59'54	
	-7843 Sep 09 j 14:32	0°♍	
	-7843 Oct 04 j 20:58	0°♎	
	-7843 Oct 31 j 10:37	0°♏	
evening max el	-7843 Nov 13 j 02:16	13°♏14'53	46°17'41
	-7843 Dec 01 j 03:50	0°♐	
asc. node	-7843 Dec 07 j 20:44	5°♐12'45	
greatest brilliancy	-7843 Dec 21 j 20:00	13°♐13'27	-4.8m
retrograde	-7842 Jan 02 j 00:43	15°♐33'59	
evening set	-7842 Jan 19 j 06:07	9°♐44'56	
inferior conj	-7842 Jan 23 j 10:00	7°♐07'32	7°51'59
minimum elong	-7842 Jan 23 j 05:37	7°♐14'33	7°51'13
min. Earth dist.	-7842 Jan 23 j 04:14	7°♐16'47	0.29424 AU
morning rise	-7842 Jan 27 j 05:17	4°♐43'20	
	-7842 Feb 05 j 20:25	30°℞♏	
direct	-7842 Feb 14 j 01:56	28°♏38'26	
	-7842 Feb 22 j 16:49	0°♐	
greatest brilliancy	-7842 Feb 23 j 11:15	0°♐14'30	-4.7m
desc. node	-7842 Mar 30 j 12:10	24°♐11'10	
morning max el	-7842 Apr 03 j 22:52	28°♐20'07	45°55'59
	-7842 Apr 05 j 16:38	0°♑	
	-7842 May 04 j 12:48	0°♒	
	-7842 May 30 j 21:27	0°♓	
	-7842 Jun 25 j 00:54	0°♈	
	-7842 Jul 19 j 10:43	0°♉	
asc. node	-7842 Jul 20 j 16:47	1°♉33'26	
	-7842 Aug 12 j 10:01	0°♊	
	-7842 Sep 05 j 04:34	0°♋	
	-7842 Sep 28 j 23:08	0°♌	
morning set	-7842 Oct 02 j 23:52	5°♌04'19	
	-7842 Oct 22 j 20:53	0°♍	

desc. node	-7842 Nov 10 j 01:39	22°♍41'19	
superior conj	-7842 Nov 14 j 08:27	28°♍00'43	-0°09'47
minimum elong	-7842 Nov 14 j 05:53	27°♍52'46	0°09'35
behind sun begin	-7842 Nov 13 j 08:03	26°♍44'54	
behind sun end	-7842 Nov 15 j 03:44	29°♍00'36	
	-7842 Nov 15 j 22:52	0°♎	
max. Earth dist.	-7842 Nov 19 j 11:40	4°♎23'06	1.72267 AU
	-7842 Dec 10 j 04:34	0°♏	
evening rise	-7842 Dec 25 j 00:14	18°♏16'18	
	-7841 Jan 03 j 13:05	0°♐	
	-7841 Jan 28 j 00:28	0°♑	
	-7841 Feb 21 j 16:08	0°♒	
asc. node	-7841 Mar 02 j 03:55	10°♒15'38	
	-7841 Mar 18 j 14:25	0°♓	
	-7841 Apr 12 j 22:20	0°♈	
	-7841 May 08 j 20:59	0°♉	
	-7841 Jun 05 j 00:07	0°♊	
evening max el	-7841 Jun 20 j 14:08	16°♊03'03	47°05'01
desc. node	-7841 Jun 22 j 17:42	18°♊09'22	
	-7841 Jul 05 j 15:00	0°♋	
greatest brilliancy	-7841 Jul 31 j 20:34	16°♋45'52	-4.9m
retrograde	-7841 Aug 10 j 00:47	18°♋20'53	
evening set	-7841 Aug 27 j 13:30	12°♋27'15	
inferior conj	-7841 Aug 30 j 15:36	10°♋35'18	-8°28'16
minimum elong	-7841 Aug 30 j 22:41	10°♋24'30	8°26'58
min. Earth dist.	-7841 Aug 30 j 11:21	10°♋41'46	0.26567 AU
morning rise	-7841 Sep 03 j 07:57	8°♋23'03	
direct	-7841 Sep 19 j 21:53	3°♋01'33	
greatest brilliancy	-7841 Sep 29 j 23:41	4°♋59'07	-4.9m
asc. node	-7841 Oct 13 j 01:49	12°♋10'15	
	-7841 Nov 03 j 00:54	0°♌	
morning max el	-7841 Nov 09 j 08:07	6°♌13'53	46°32'29
	-7841 Dec 01 j 16:16	0°♍	
	-7841 Dec 28 j 05:06	0°♎	
	-7840 Jan 23 j 00:59	0°♏	
desc. node	-7840 Feb 02 j 14:51	12°♏25'41	
	-7840 Feb 17 j 11:29	0°♐	
	-7840 Mar 13 j 13:49	0°♑	
	-7840 Apr 07 j 08:08	0°♒	
	-7840 May 01 j 18:56	0°♓	
morning set	-7840 May 06 j 14:40	5°♓57'29	
asc. node	-7840 May 24 j 16:34	28°♓24'14	
	-7840 May 25 j 23:17	0°♈	
max. Earth dist.	-7840 Jun 07 j 14:03	15°♈45'38	1.71826 AU
superior conj	-7840 Jun 11 j 21:08	21°♈08'21	0°40'47
minimum elong	-7840 Jun 11 j 13:38	20°♈44'51	0°40'36
	-7840 Jun 18 j 22:42	0°♉	
	-7840 Jul 12 j 19:13	0°♊	
evening rise	-7840 Jul 19 j 11:57	8°♊25'51	
	-7840 Aug 05 j 15:20	0°♋	
	-7840 Aug 29 j 13:32	0°♌	
desc. node	-7840 Sep 14 j 01:45	19°♌20'23	
	-7840 Sep 22 j 15:46	0°♍	
	-7840 Oct 16 j 23:40	0°♎	
	-7840 Nov 10 j 15:55	0°♏	
	-7840 Dec 05 j 23:04	0°♐	
	-7839 Jan 01 j 13:30	0°♑	
asc. node	-7839 Jan 04 j 07:12	2°♑56'51	
evening max el	-7839 Jan 22 j 21:56	21°♑55'45	45°02'31
	-7839 Jan 31 j 16:04	0°♒	
greatest brilliancy	-7839 Mar 01 j 11:27	19°♒05'58	-4.7m
retrograde	-7839 Mar 11 j 22:02	21°♒02'20	
evening set	-7839 Mar 28 j 03:07	16°♒07'29	
inferior conj	-7839 Apr 02 j 08:07	12°♒59'55	5°10'59
minimum elong	-7839 Apr 02 j 16:52	12°♒46'20	5°08'40

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

min. Earth dist.	-7839 Apr 03 j 10:42	12°♒18'40	0.28960 AU
morning rise	-7839 Apr 08 j 05:57	9°♒26'42	
direct	-7839 Apr 24 j 05:30	4°♒38'01	
desc. node	-7839 Apr 26 j 22:56	4°♒46'26	
greatest brilliancy	-7839 May 05 j 11:20	6°♒52'53	-4.8m
	-7839 Jun 07 j 00:35	0°♓	
morning max el	-7839 Jun 12 j 21:09	5°♓36'45	46°21'39
	-7839 Jul 06 j 01:27	0°♈	
	-7839 Aug 01 j 02:01	0°♉	
asc. node	-7839 Aug 17 j 05:15	19°♉25'30	
	-7839 Aug 25 j 20:45	0°♊	
	-7839 Sep 19 j 01:51	0°♋	
	-7839 Oct 13 j 02:44	0°♌	
	-7839 Nov 06 j 05:00	0°♍	
	-7839 Nov 30 j 10:50	0°♎	
desc. node	-7839 Dec 07 j 15:01	8°♎50'38	
morning set	-7839 Dec 18 j 15:05	22°♎23'02	
	-7839 Dec 24 j 19:50	0°♏	
	-7838 Jan 18 j 06:22	0°♐	
superior conj	-7838 Jan 26 j 13:48	10°♐11'42	-1°20'25
minimum elong	-7838 Jan 26 j 10:34	10°♐01'46	1°20'52
max. Earth dist.	-7838 Jan 26 j 13:35	10°♐11'02	1.73645 AU
	-7838 Feb 11 j 17:05	0°♑	
evening rise	-7838 Mar 03 j 23:13	24°♑51'39	
greatest brilliancy	-7838 Mar 05 j 20:21	27°♑10'09	-3.9m
	-7838 Mar 08 j 03:42	0°♒	
asc. node	-7838 Mar 29 j 16:26	26°♒24'32	
	-7838 Apr 01 j 14:46	0°♓	
	-7838 Apr 26 j 03:07	0°♈	
	-7838 May 20 j 17:45	0°♉	
	-7838 Jun 14 j 12:35	0°♊	
	-7838 Jul 09 j 15:39	0°♋	
desc. node	-7838 Jul 20 j 04:14	12°♋21'25	
	-7838 Aug 04 j 12:04	0°♌	
evening max el	-7838 Sep 01 j 03:08	29°♌59'32	47°41'54
	-7838 Sep 01 j 03:19	0°♍	
	-7838 Oct 07 j 10:54	0°♎	
greatest brilliancy	-7838 Oct 12 j 01:43	2°♎04'40	-4.9m
retrograde	-7838 Oct 22 j 08:21	4°♎07'27	
	-7838 Nov 05 j 12:46	30°℞♍	
evening set	-7838 Nov 06 j 02:14	29°♍41'20	
asc. node	-7838 Nov 09 j 12:23	27°♍38'45	
min. Earth dist.	-7838 Nov 11 j 10:10	26°♍26'26	0.27466 AU
inferior conj	-7838 Nov 12 j 05:45	25°♍55'13	0°40'05
minimum elong	-7838 Nov 12 j 04:20	25°♍57'29	0°39'45
morning rise	-7838 Nov 18 j 07:20	22°♍13'47	
direct	-7838 Dec 02 j 19:43	17°♍58'47	
greatest brilliancy	-7838 Dec 11 j 21:36	19°♍31'47	-4.8m
	-7838 Dec 30 j 12:02	0°♎	
morning max el	-7837 Jan 20 j 19:22	18°♎27'38	46°01'48
	-7837 Feb 01 j 10:17	0°♏	
	-7837 Mar 01 j 10:41	0°♐	
desc. node	-7837 Mar 02 j 03:03	0°♐45'27	
	-7837 Mar 27 j 21:01	0°♑	
	-7837 Apr 22 j 09:33	0°♒	
	-7837 May 17 j 06:30	0°♓	
	-7837 Jun 10 j 15:33	0°♈	
asc. node	-7837 Jun 22 j 05:51	14°♈26'22	
	-7837 Jul 04 j 15:53	0°♉	
morning set	-7837 Jul 16 j 05:16	14°♉32'55	
	-7837 Jul 28 j 10:50	0°♊	
	-7837 Aug 21 j 03:57	0°♋	
superior conj	-7837 Aug 24 j 22:48	4°♋47'16	1°21'17
minimum elong	-7837 Aug 25 j 03:42	5°♋02'46	1°21'46
max. Earth dist.	-7837 Aug 27 j 18:26	8°♋20'59	1.70760 AU
	-7837 Sep 13 j 22:22	0°♌	
evening rise	-7837 Oct 06 j 15:11	28°♌29'22	
	-7837 Oct 07 j 20:11	0°♍	
desc. node	-7837 Oct 12 j 14:34	5°♍57'10	
	-7837 Oct 31 j 22:18	0°♎	
	-7837 Nov 25 j 05:01	0°♏	
	-7837 Dec 19 j 17:20	0°♐	
	-7836 Jan 13 j 14:26	0°♑	
asc. node	-7836 Feb 01 j 18:17	22°♑37'47	
	-7836 Feb 08 j 02:39	0°♒	
	-7836 Mar 05 j 18:05	0°♓	
	-7836 Apr 03 j 20:27	0°♈	
evening max el	-7836 Apr 04 j 10:50	0°♈34'10	45°24'09
greatest brilliancy	-7836 May 13 j 06:39	28°♈23'07	-4.8m
	-7836 May 20 j 04:32	0°♉	
retrograde	-7836 May 23 j 07:24	0°♉11'01	
desc. node	-7836 May 24 j 09:27	0°♉09'39	
	-7836 May 26 j 09:08	30°℞♈	
evening set	-7836 Jun 07 j 03:45	26°♈01'33	
inferior conj	-7836 Jun 13 j 06:29	22°♈32'16	-4°34'29
minimum elong	-7836 Jun 12 j 21:19	22°♈45'56	4°31'57
min. Earth dist.	-7836 Jun 13 j 13:15	22°♈22'12	0.27226 AU
morning rise	-7836 Jun 18 j 14:19	19°♈27'00	
direct	-7836 Jul 04 j 06:38	14°♈45'27	
greatest brilliancy	-7836 Jul 15 j 10:54	17°♈03'28	-4.9m
	-7836 Aug 04 j 20:39	0°♉	
morning max el	-7836 Aug 23 j 21:10	17°♉43'26	46°46'42
	-7836 Sep 04 j 12:15	0°♊	
asc. node	-7836 Sep 13 j 17:11	10°♊12'46	
	-7836 Sep 30 j 20:48	0°♋	
	-7836 Oct 25 j 23:46	0°♌	
	-7836 Nov 19 j 17:53	0°♍	
	-7836 Dec 14 j 11:00	0°♎	
desc. node	-7835 Jan 04 j 04:13	25°♎07'07	
	-7835 Jan 08 j 04:50	0°♏	
	-7835 Feb 01 j 22:08	0°♐	
morning set	-7835 Feb 26 j 23:25	0°♑31'35	
	-7835 Feb 26 j 13:05	0°♑	
	-7835 Mar 23 j 00:39	0°♒	
max. Earth dist.	-7835 Mar 31 j 04:16	10°♒01'34	1.73472 AU
superior conj	-7835 Apr 03 j 13:12	14°♒10'50	-0°49'05
minimum elong	-7835 Apr 03 j 20:49	14°♒34'20	0°49'13
	-7835 Apr 16 j 08:52	0°♓	
asc. node	-7835 Apr 26 j 05:27	12°♓11'24	
evening rise	-7835 May 08 j 23:42	28°♓00'17	
	-7835 May 10 j 14:18	0°♈	
	-7835 Jun 03 j 17:55	0°♉	
	-7835 Jun 27 j 21:04	0°♊	
	-7835 Jul 22 j 01:46	0°♋	
	-7835 Aug 15 j 10:45	0°♌	
desc. node	-7835 Aug 16 j 15:47	1°♌28'47	
	-7835 Sep 09 j 03:44	0°♍	
	-7835 Oct 04 j 11:40	0°♎	
	-7835 Oct 31 j 04:46	0°♏	
evening max el	-7835 Nov 10 j 19:05	11°♏02'50	46°21'12
	-7835 Dec 01 j 13:17	0°♐	
asc. node	-7835 Dec 06 j 22:54	4°♐01'56	
greatest brilliancy	-7835 Dec 19 j 13:15	11°♐05'10	-4.8m
retrograde	-7835 Dec 30 j 18:45	13°♐26'07	
evening set	-7834 Jan 16 j 21:31	7°♐40'01	
inferior conj	-7834 Jan 21 j 03:15	4°♐59'25	7°47'20
minimum elong	-7834 Jan 20 j 22:19	5°♐07'21	7°46'30
min. Earth dist.	-7834 Jan 20 j 19:44	5°♐11'31	0.29385 AU
morning rise	-7834 Jan 24 j 23:23	2°♐33'56	
	-7834 Jan 29 j 12:36	30°℞♏	
direct	-7834 Feb 11 j 19:05	26°♏31'11	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

greatest brilliancy	-7834 Feb 21 j 01:37	28°♏05'19	-4.7m	
	-7834 Feb 25 j 22:16	0°♐		
desc. node	-7834 Mar 29 j 14:22	23°♐21'27		
morning max el	-7834 Apr 01 j 15:30	26°♐13'04	45°55'30	
	-7834 Apr 05 j 13:44	0°♑		
	-7834 May 04 j 04:02	0°♒		
	-7834 May 30 j 10:37	0°♓		
	-7834 Jun 24 j 13:08	0°♈		
	-7834 Jul 18 j 22:28	0°♉		
asc. node	-7834 Jul 19 j 18:55	1°♉03'34		
	-7834 Aug 11 j 21:31	0°♊		
	-7834 Sep 04 j 15:54	0°♋		
	-7834 Sep 28 j 10:22	0°♌		
morning set	-7834 Sep 30 j 09:30	2°♌28'21		
	-7834 Oct 22 j 08:01	0°♍		
desc. node	-7834 Nov 09 j 03:42	22°♍13'12		
superior conj	-7834 Nov 11 j 18:12	25°♍27'28	-0°05'58	
minimum elong	-7834 Nov 11 j 16:38	25°♍22'36	0°05'47	
behind sun begin	-7834 Nov 10 j 15:21	24°♍04'01		
behind sun end	-7834 Nov 12 j 17:55	26°♍41'10		
	-7834 Nov 15 j 09:57	0°♎		
max. Earth dist.	-7834 Nov 17 j 04:01	2°♎10'33	1.72204 AU	
	-7834 Dec 09 j 15:36	0°♏		
evening rise	-7834 Dec 22 j 14:26	15°♏58'24		
	-7833 Jan 03 j 00:06	0°♐		
	-7833 Jan 27 j 11:36	0°♑		
	-7833 Feb 21 j 03:35	0°♒		
asc. node	-7833 Mar 01 j 06:14	9°♒47'40		
	-7833 Mar 18 j 02:29	0°♓		
	-7833 Apr 12 j 11:28	0°♈		
	-7833 May 08 j 12:06	0°♉		
	-7833 Jun 04 j 19:30	0°♊		
evening max el	-7833 Jun 18 j 03:22	13°♊38'10	47°01'30	
desc. node	-7833 Jun 21 j 19:45	17°♊13'13		
	-7833 Jul 06 j 02:08	0°♋		
greatest brilliancy	-7833 Jul 29 j 08:32	14°♋15'07	-4.9m	
retrograde	-7833 Aug 07 j 12:23	15°♋49'24		
evening set	-7833 Aug 25 j 03:48	9°♋53'18		
inferior conj	-7833 Aug 28 j 03:32	8°♋04'49	-8°35'59	
minimum elong	-7833 Aug 28 j 09:51	7°♋55'11	8°34'51	
min. Earth dist.	-7833 Aug 27 j 23:28	8°♋11'02	0.26568 AU	
morning rise	-7833 Aug 31 j 15:59	5°♋58'09		
direct	-7833 Sep 17 j 10:02	0°♋31'30		
greatest brilliancy	-7833 Sep 27 j 12:26	2°♋29'07	-4.9m	
asc. node	-7833 Oct 12 j 04:00	10°♋47'43		
	-7833 Nov 03 j 02:20	0°♌		
morning max el	-7833 Nov 06 j 20:14	3°♌44'41	46°33'31	
	-7833 Dec 01 j 09:29	0°♍		
	-7833 Dec 27 j 19:25	0°♎		
	-7832 Jan 22 j 13:49	0°♏		
desc. node	-7832 Feb 01 j 17:04	11°♏55'34		
	-7832 Feb 16 j 23:26	0°♐		
	-7832 Mar 13 j 01:14	0°♑		
	-7832 Apr 06 j 19:13	0°♒		
	-7832 May 01 j 05:52	0°♓		
morning set	-7832 May 04 j 09:32	3°♓53'43		
asc. node	-7832 May 23 j 18:39	27°♓56'49		
	-7832 May 25 j 10:12	0°♈		
max. Earth dist.	-7832 Jun 05 j 05:23	13°♈29'18	1.71893 AU	
superior conj	-7832 Jun 09 j 14:09	18°♈57'06	0°37'55	
minimum elong	-7832 Jun 09 j 07:04	18°♈34'57	0°37'44	
	-7832 Jun 18 j 09:40	0°♉		
	-7832 Jul 12 j 06:21	0°♊		
evening rise	-7832 Jul 17 j 01:32	6°♊02'22		
	-7832 Aug 05 j 02:40	0°♋		
	-7832 Aug 29 j 01:06	0°♌		
desc. node	-7832 Sep 13 j 03:54	18°♌50'43		
	-7832 Sep 22 j 03:35	0°♍		
	-7832 Oct 16 j 11:47	0°♎		
	-7832 Nov 10 j 04:36	0°♏		
	-7832 Dec 05 j 12:57	0°♐		
	-7831 Jan 01 j 06:17	0°♑		
asc. node	-7831 Jan 03 j 09:25	2°♑16'48		
evening max el	-7831 Jan 20 j 12:09	19°♑41'16	45°03'43	
	-7831 Jan 31 j 19:45	0°♒		
greatest brilliancy	-7831 Feb 27 j 03:15	16°♒57'45	-4.7m	
retrograde	-7831 Mar 09 j 13:52	18°♒54'43		
evening set	-7831 Mar 25 j 21:42	13°♒55'34		
inferior conj	-7831 Mar 31 j 00:26	10°♒51'09	5°25'10	
minimum elong	-7831 Mar 31 j 09:17	10°♒37'25	5°22'54	
min. Earth dist.	-7831 Apr 01 j 03:07	10°♒09'44	0.29016 AU	
morning rise	-7831 Apr 05 j 20:10	7°♒20'33		
direct	-7831 Apr 21 j 21:31	2°♒28'05		
desc. node	-7831 Apr 26 j 01:02	2°♒47'21		
greatest brilliancy	-7831 May 03 j 03:40	4°♒42'48	-4.7m	
	-7831 Jun 07 j 00:55	0°♓		
morning max el	-7831 Jun 10 j 12:28	3°♓21'53	46°20'40	
	-7831 Jul 05 j 17:57	0°♈		
	-7831 Jul 31 j 15:59	0°♉		
asc. node	-7831 Aug 16 j 07:35	18°♉52'30		
	-7831 Aug 25 j 09:35	0°♊		
	-7831 Sep 18 j 14:06	0°♋		
	-7831 Oct 12 j 14:38	0°♌		
	-7831 Nov 05 j 16:37	0°♍		
	-7831 Nov 29 j 22:13	0°♎		
desc. node	-7831 Dec 06 j 17:05	8°♎22'05		
morning set	-7831 Dec 16 j 03:49	20°♎00'04		
	-7831 Dec 24 j 07:00	0°♏		
	-7830 Jan 17 j 17:23	0°♐		
superior conj	-7830 Jan 24 j 06:33	8°♐02'11	-1°19'48	
minimum elong	-7830 Jan 24 j 02:39	7°♐50'12	1°20'13	
max. Earth dist.	-7830 Jan 24 j 08:08	8°♐07'04	1.73620 AU	
	-7830 Feb 11 j 04:03	0°♑		
evening rise	-7830 Mar 01 j 18:04	22°♑48'28		
greatest brilliancy	-7830 Mar 04 j 06:07	25°♑52'41	-3.9m	
	-7830 Mar 07 j 14:44	0°♒		
asc. node	-7830 Mar 28 j 18:34	25°♒56'43		
	-7830 Apr 01 j 02:01	0°♓		
	-7830 Apr 25 j 14:44	0°♈		
	-7830 May 20 j 05:56	0°♉		
	-7830 Jun 14 j 01:36	0°♊		
	-7830 Jul 09 j 05:58	0°♋		
desc. node	-7830 Jul 19 j 06:32	11°♋44'15		
	-7830 Aug 04 j 04:49	0°♌		
evening max el	-7830 Aug 29 j 17:21	27°♌35'50	47°42'54	
	-7830 Sep 01 j 02:20	0°♍		
greatest brilliancy	-7830 Oct 09 j 18:10	29°♍43'26	-4.9m	
	-7830 Oct 10 j 12:11	0°♎		
retrograde	-7830 Oct 19 j 23:19	1°♎45'17		
	-7830 Oct 29 j 02:13	30°℞♍		
evening set	-7830 Nov 03 j 17:29	27°♍18'35		
asc. node	-7830 Nov 08 j 14:34	24°♍21'22		
min. Earth dist.	-7830 Nov 09 j 01:33	24°♍03'57	0.27405 AU	
inferior conj	-7830 Nov 09 j 20:30	23°♍33'50	0°18'24	
minimum elong	-7830 Nov 09 j 19:50	23°♍34'53	0°18'19	
morning rise	-7830 Nov 15 j 23:03	19°♍51'34		
direct	-7830 Nov 30 j 09:21	15°♍38'18		
greatest brilliancy	-7830 Dec 09 j 12:49	17°♍12'52	-4.8m	
	-7830 Dec 31 j 02:30	0°♎		
morning max el	-7829 Jan 18 j 10:33	16°♎12'56	46°02'42	
	-7829 Feb 01 j 05:32	0°♏		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

desc. node	-7829 Mar 01 j 05:16	0°♐10'13	
	-7829 Mar 01 j 01:36	0°♐	
	-7829 Mar 27 j 10:06	0°♑	
	-7829 Apr 21 j 21:41	0°♒	
	-7829 May 16 j 18:08	0°♓	
	-7829 Jun 10 j 02:56	0°♈	
asc. node	-7829 Jun 21 j 07:58	13°♈57'35	
	-7829 Jul 04 j 03:10	0°♉	
morning set	-7829 Jul 13 j 19:13	12°♉10'04	
	-7829 Jul 27 j 22:07	0°♊	
	-7829 Aug 20 j 15:15	0°♋	
superior conj	-7829 Aug 22 j 09:28	2°♋13'30	1°22'03
minimum elong	-7829 Aug 22 j 13:23	2°♋25'54	1°22'33
max. Earth dist.	-7829 Aug 25 j 00:14	5°♋31'55	1.70751 AU
	-7829 Sep 13 j 09:41	0°♌	
evening rise	-7829 Oct 03 j 23:08	25°♌48'34	
	-7829 Oct 07 j 07:34	0°♍	
desc. node	-7829 Oct 11 j 16:36	5°♍27'57	
	-7829 Oct 31 j 09:47	0°♎	
	-7829 Nov 24 j 16:38	0°♏	
	-7829 Dec 19 j 05:14	0°♐	
	-7828 Jan 13 j 02:53	0°♑	
asc. node	-7828 Jan 31 j 20:36	22°♑05'54	
	-7828 Feb 07 j 16:18	0°♒	
	-7828 Mar 05 j 10:25	0°♓	
evening max el	-7828 Apr 02 j 01:56	28°♓19'37	45°21'47
	-7828 Apr 03 j 20:36	0°♈	
greatest brilliancy	-7828 May 10 j 18:13	26°♈00'36	-4.8m
retrograde	-7828 May 20 j 20:34	27°♈49'13	
desc. node	-7828 May 23 j 11:38	27°♈41'13	
evening set	-7828 Jun 04 j 14:49	23°♈42'13	
inferior conj	-7828 Jun 10 j 19:28	20°♈10'00	-4°14'34
minimum elong	-7828 Jun 10 j 10:47	20°♈22'58	4°12'07
min. Earth dist.	-7828 Jun 11 j 02:50	19°♈59'01	0.27271 AU
morning rise	-7828 Jun 16 j 06:12	17°♈00'42	
direct	-7828 Jul 01 j 21:08	12°♈22'17	
greatest brilliancy	-7828 Jul 13 j 00:50	14°♈39'59	-4.9m
	-7828 Aug 05 j 07:07	0°♉	
morning max el	-7828 Aug 21 j 11:28	15°♉19'21	46°46'28
	-7828 Sep 04 j 07:25	0°♊	
asc. node	-7828 Sep 12 j 19:15	9°♊29'15	
	-7828 Sep 30 j 12:08	0°♋	
	-7828 Oct 25 j 13:24	0°♌	
	-7828 Nov 19 j 06:34	0°♍	
	-7828 Dec 13 j 23:06	0°♎	
desc. node	-7827 Jan 03 j 06:25	24°♎38'11	
	-7827 Jan 07 j 16:31	0°♏	
	-7827 Feb 01 j 09:30	0°♐	
morning set	-7827 Feb 24 j 17:45	28°♐26'56	
	-7827 Feb 26 j 00:13	0°♑	
	-7827 Mar 22 j 11:41	0°♒	
max. Earth dist.	-7827 Mar 29 j 02:34	8°♒08'32	1.73503 AU
superior conj	-7827 Apr 01 j 08:35	12°♒08'44	-0°51'25
minimum elong	-7827 Apr 01 j 16:22	12°♒32'41	0°51'33
	-7827 Apr 15 j 19:54	0°♓	
asc. node	-7827 Apr 25 j 07:30	11°♓43'27	
evening rise	-7827 May 06 j 18:48	25°♓56'01	
	-7827 May 10 j 01:30	0°♈	
	-7827 Jun 03 j 05:23	0°♉	
	-7827 Jun 27 j 08:52	0°♊	
	-7827 Jul 21 j 14:00	0°♋	
	-7827 Aug 14 j 23:31	0°♌	
desc. node	-7827 Aug 15 j 17:58	0°♌56'22	
	-7827 Sep 08 j 17:20	0°♍	
	-7827 Oct 04 j 02:46	0°♎	
	-7827 Oct 30 j 23:36	0°♏	
evening max el	-7827 Nov 08 j 11:41	8°♏49'27	46°24'40
	-7827 Dec 02 j 02:21	0°♐	
asc. node	-7827 Dec 06 j 01:07	2°♐48'37	
greatest brilliancy	-7827 Dec 17 j 07:08	8°♐57'00	-4.8m
retrograde	-7827 Dec 28 j 12:26	11°♐17'36	
evening set	-7826 Jan 14 j 12:56	5°♐34'50	
inferior conj	-7826 Jan 18 j 20:39	2°♐50'52	7°42'09
minimum elong	-7826 Jan 18 j 15:12	2°♐59'39	7°41'13
min. Earth dist.	-7826 Jan 18 j 11:41	3°♐05'18	0.29344 AU
morning rise	-7826 Jan 22 j 17:45	0°♐23'39	
	-7826 Jan 23 j 09:23	30°℞♏	
direct	-7826 Feb 09 j 12:14	24°♏23'30	
greatest brilliancy	-7826 Feb 18 j 16:29	25°♏55'50	-4.7m
	-7826 Feb 27 j 19:25	0°♐	
desc. node	-7826 Mar 28 j 16:26	22°♐31'22	
morning max el	-7826 Mar 30 j 07:29	24°♐03'30	45°54'59
	-7826 Apr 05 j 10:30	0°♑	
	-7826 May 03 j 19:24	0°♒	
	-7826 May 30 j 00:00	0°♓	
	-7826 Jun 24 j 01:35	0°♈	
	-7826 Jul 18 j 10:26	0°♉	
asc. node	-7826 Jul 18 j 21:09	0°♉33'21	
	-7826 Aug 11 j 09:13	0°♊	
	-7826 Sep 04 j 03:29	0°♋	
morning set	-7826 Sep 27 j 19:11	29°♋51'36	
	-7826 Sep 27 j 21:52	0°♌	
	-7826 Oct 21 j 19:27	0°♍	
desc. node	-7826 Nov 08 j 05:47	21°♍44'25	
superior conj	-7826 Nov 09 j 04:04	22°♍53'41	-0°02'09
minimum elong	-7826 Nov 09 j 03:30	22°♍51'56	0°01'59
behind sun begin	-7826 Nov 08 j 00:47	21°♍28'51	
behind sun end	-7826 Nov 10 j 06:13	24°♍15'00	
	-7826 Nov 14 j 21:16	0°♎	
max. Earth dist.	-7826 Nov 14 j 20:38	29°♍58'01	1.72134 AU
	-7826 Dec 09 j 02:50	0°♏	
evening rise	-7826 Dec 20 j 04:40	13°♏39'46	
	-7825 Jan 02 j 11:20	0°♐	
	-7825 Jan 26 j 22:58	0°♑	
	-7825 Feb 20 j 15:17	0°♒	
asc. node	-7825 Feb 28 j 08:19	9°♒18'14	
	-7825 Mar 17 j 14:51	0°♓	
	-7825 Apr 12 j 00:59	0°♈	
	-7825 May 08 j 03:43	0°♉	
	-7825 Jun 04 j 15:43	0°♊	
evening max el	-7825 Jun 15 j 15:37	11°♊10'16	46°58'01
desc. node	-7825 Jun 20 j 22:04	16°♊15'46	
	-7825 Jul 06 j 17:12	0°♋	
greatest brilliancy	-7825 Jul 26 j 20:59	11°♋44'27	-4.9m
retrograde	-7825 Aug 04 j 23:37	13°♋17'43	
evening set	-7825 Aug 22 j 17:50	7°♋19'28	
inferior conj	-7825 Aug 25 j 15:34	5°♋34'03	-8°42'40
minimum elong	-7825 Aug 25 j 21:03	5°♋25'41	8°41'41
min. Earth dist.	-7825 Aug 25 j 11:57	5°♋39'33	0.26572 AU
morning rise	-7825 Aug 29 j 00:17	3°♋32'43	
	-7825 Sep 05 j 01:30	30°℞♊	
direct	-7825 Sep 14 j 21:50	28°♊00'48	
greatest brilliancy	-7825 Sep 25 j 01:52	29°♊59'20	-4.9m
	-7825 Sep 25 j 02:35	0°♋	
asc. node	-7825 Oct 11 j 06:12	9°♋27'09	
	-7825 Nov 03 j 02:50	0°♌	
morning max el	-7825 Nov 04 j 08:11	1°♌14'03	46°34'39
	-7825 Dec 01 j 02:37	0°♍	
	-7825 Dec 27 j 09:46	0°♎	
	-7824 Jan 22 j 02:43	0°♏	
desc. node	-7824 Jan 31 j 19:14	11°♏24'56	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7824 Feb 16 j 11:28	0°♐	
	-7824 Mar 12 j 12:45	0°♑	
	-7824 Apr 06 j 06:27	0°♒	
	-7824 Apr 30 j 16:59	0°♓	
morning set	-7824 May 02 j 04:27	1°♓49'34	
asc. node	-7824 May 22 j 20:51	27°♓29'06	
	-7824 May 24 j 21:17	0°♈	
max. Earth dist.	-7824 Jun 02 j 22:11	11°♈16'59	1.71959 AU
superior conj	-7824 Jun 07 j 07:13	16°♈45'29	0°35'01
minimum elong	-7824 Jun 07 j 00:36	16°♈24'48	0°34'49
	-7824 Jun 17 j 20:50	0°♉	
	-7824 Jul 11 j 17:38	0°♊	
evening rise	-7824 Jul 14 j 15:20	3°♊39'13	
	-7824 Aug 04 j 14:09	0°♋	
	-7824 Aug 28 j 12:48	0°♌	
desc. node	-7824 Sep 12 j 05:56	18°♌20'14	
	-7824 Sep 21 j 15:32	0°♍	
	-7824 Oct 16 j 00:06	0°♎	
	-7824 Nov 09 j 17:30	0°♏	
	-7824 Dec 05 j 03:06	0°♐	
	-7824 Dec 31 j 23:31	0°♑	
asc. node	-7823 Jan 02 j 11:46	1°♑36'25	
evening max el	-7823 Jan 18 j 02:47	17°♑27'41	45°05'09
	-7823 Feb 01 j 01:20	0°♒	
greatest brilliancy	-7823 Feb 24 j 18:30	14°♒49'13	-4.7m
retrograde	-7823 Mar 07 j 06:20	16°♒47'39	
evening set	-7823 Mar 23 j 16:26	11°♒44'01	
inferior conj	-7823 Mar 28 j 16:56	8°♒42'46	5°38'46
minimum elong	-7823 Mar 29 j 01:49	8°♒28'58	5°36'33
min. Earth dist.	-7823 Mar 29 j 19:22	8°♒01'44	0.29074 AU
morning rise	-7823 Apr 03 j 10:30	5°♒15'07	
direct	-7823 Apr 19 j 13:55	0°♒18'32	
desc. node	-7823 Apr 25 j 03:15	0°♒52'51	
greatest brilliancy	-7823 Apr 30 j 19:58	2°♒33'07	-4.7m
	-7823 Jun 07 j 00:16	0°♓	
morning max el	-7823 Jun 08 j 04:54	1°♓09'44	46°19'32
	-7823 Jul 05 j 10:17	0°♈	
	-7823 Jul 31 j 05:58	0°♉	
asc. node	-7823 Aug 15 j 09:39	18°♉18'27	
	-7823 Aug 24 j 22:27	0°♊	
	-7823 Sep 18 j 02:23	0°♋	
	-7823 Oct 12 j 02:33	0°♌	
	-7823 Nov 05 j 04:15	0°♍	
	-7823 Nov 29 j 09:37	0°♎	
desc. node	-7823 Dec 05 j 19:15	7°♎53'46	
morning set	-7823 Dec 13 j 16:18	17°♎36'02	
	-7823 Dec 23 j 18:13	0°♏	
	-7822 Jan 17 j 04:27	0°♐	
superior conj	-7822 Jan 21 j 23:12	5°♐52'09	-1°19'03
minimum elong	-7822 Jan 21 j 18:38	5°♐38'07	1°19'27
max. Earth dist.	-7822 Jan 22 j 02:36	6°♐02'36	1.73592 AU
	-7822 Feb 10 j 15:03	0°♑	
evening rise	-7822 Feb 27 j 13:01	20°♑45'39	
greatest brilliancy	-7822 Mar 02 j 19:05	24°♑45'06	-3.9m
	-7822 Mar 07 j 01:46	0°♒	
asc. node	-7822 Mar 27 j 20:42	25°♒29'05	
	-7822 Mar 31 j 13:14	0°♓	
	-7822 Apr 25 j 02:20	0°♈	
	-7822 May 19 j 18:10	0°♉	
	-7822 Jun 13 j 14:43	0°♊	
	-7822 Jul 08 j 20:30	0°♋	
desc. node	-7822 Jul 18 j 08:42	11°♋06'12	
	-7822 Aug 03 j 21:55	0°♌	
evening max el	-7822 Aug 27 j 08:30	25°♌14'29	47°43'54
	-7822 Sep 01 j 02:23	0°♍	
greatest brilliancy	-7822 Oct 07 j 10:02	27°♍21'19	-4.9m
retrograde	-7822 Oct 17 j 14:47	29°♍22'45	
evening set	-7822 Nov 01 j 08:49	24°♍55'14	
min. Earth dist.	-7822 Nov 06 j 16:30	21°♍41'28	0.27344 AU
inferior conj	-7822 Nov 07 j 11:05	21°♍12'00	-0°03'32
minimum elong	-7822 Nov 07 j 11:13	21°♍11'48	0°03'22
transit middle	-7822 Nov 07 j 11:13	21°♍11'48	0°03'22
transit begin	-7822 Nov 07 j 07:17	21°♍18'03	
transit end	-7822 Nov 07 j 15:09	21°♍05'34	
asc. node	-7822 Nov 07 j 16:50	21°♍02'53	
morning rise	-7822 Nov 13 j 14:29	17°♍29'15	
direct	-7822 Nov 27 j 23:17	13°♍17'29	
greatest brilliancy	-7822 Dec 07 j 03:23	14°♍53'04	-4.8m
	-7822 Dec 31 j 13:17	0°♎	
morning max el	-7821 Jan 16 j 02:29	14°♎00'07	46°03'34
	-7821 Feb 01 j 00:13	0°♏	
desc. node	-7821 Feb 28 j 07:16	29°♏34'49	
	-7821 Feb 28 j 16:16	0°♐	
	-7821 Mar 26 j 22:59	0°♑	
	-7821 Apr 21 j 09:39	0°♒	
	-7821 May 16 j 05:35	0°♓	
	-7821 Jun 09 j 14:08	0°♈	
asc. node	-7821 Jun 20 j 10:13	13°♈29'44	
	-7821 Jul 03 j 14:18	0°♉	
morning set	-7821 Jul 11 j 09:18	9°♉48'11	
	-7821 Jul 27 j 09:17	0°♊	
superior conj	-7821 Aug 19 j 20:03	29°♊39'42	1°22'38
minimum elong	-7821 Aug 19 j 22:58	29°♊48'55	1°23'09
	-7821 Aug 20 j 02:28	0°♋	
max. Earth dist.	-7821 Aug 22 j 05:28	2°♋41'12	1.70748 AU
	-7821 Sep 12 j 20:58	0°♌	
evening rise	-7821 Oct 01 j 06:33	23°♌06'08	
	-7821 Oct 06 j 18:53	0°♍	
desc. node	-7821 Oct 10 j 18:45	4°♍59'19	
	-7821 Oct 30 j 21:10	0°♎	
	-7821 Nov 24 j 04:09	0°♏	
	-7821 Dec 18 j 17:02	0°♐	
	-7820 Jan 12 j 15:16	0°♑	
asc. node	-7820 Jan 30 j 22:43	21°♑33'37	
	-7820 Feb 07 j 05:56	0°♒	
	-7820 Mar 05 j 02:51	0°♓	
evening max el	-7820 Mar 30 j 17:17	26°♓06'25	45°19'32
	-7820 Apr 03 j 21:38	0°♈	
greatest brilliancy	-7820 May 08 j 06:33	23°♈40'22	-4.8m
retrograde	-7820 May 18 j 09:27	25°♈28'58	
desc. node	-7820 May 22 j 13:52	25°♈08'42	
evening set	-7820 Jun 02 j 02:23	21°♈24'21	
inferior conj	-7820 Jun 08 j 08:41	17°♈49'32	-3°54'26
minimum elong	-7820 Jun 08 j 00:33	18°♈01'42	3°52'06
min. Earth dist.	-7820 Jun 08 j 16:52	17°♈37'17	0.27315 AU
morning rise	-7820 Jun 13 j 22:08	14°♈36'11	
direct	-7820 Jun 29 j 11:37	10°♈01'01	
greatest brilliancy	-7820 Jul 10 j 15:00	12°♈18'09	-4.9m
	-7820 Aug 05 j 14:25	0°♉	
morning max el	-7820 Aug 19 j 01:00	12°♉54'12	46°45'54
	-7820 Sep 04 j 01:53	0°♊	
asc. node	-7820 Sep 11 j 21:28	8°♊47'09	
	-7820 Sep 30 j 03:07	0°♋	
	-7820 Oct 25 j 02:49	0°♌	
	-7820 Nov 18 j 19:05	0°♍	
	-7820 Dec 13 j 11:00	0°♎	
desc. node	-7819 Jan 02 j 08:32	24°♎09'39	
	-7819 Jan 07 j 03:58	0°♏	
	-7819 Jan 31 j 20:37	0°♐	
morning set	-7819 Feb 22 j 11:50	26°♐22'16	
	-7819 Feb 25 j 11:07	0°♑	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7819 Mar 21 j 22:29	0°♒	
max. Earth dist.	-7819 Mar 26 j 23:01	6°♒10'32	1.73532 AU
superior conj	-7819 Mar 30 j 04:01	10°♒07'28	-0°53'41
minimum elong	-7819 Mar 30 j 11:54	10°♒31'44	0°53'50
	-7819 Apr 15 j 06:44	0°♓	
asc. node	-7819 Apr 24 j 09:46	11°♓16'52	
evening rise	-7819 May 04 j 14:04	23°♓53'05	
	-7819 May 09 j 12:28	0°♈	
	-7819 Jun 02 j 16:34	0°♉	
	-7819 Jun 26 j 20:22	0°♊	
	-7819 Jul 21 j 01:55	0°♋	
desc. node	-7819 Aug 14 j 20:00	0°♌24'18	
	-7819 Aug 14 j 12:02	0°♌	
	-7819 Sep 08 j 06:47	0°♍	
	-7819 Oct 03 j 17:53	0°♎	
	-7819 Oct 30 j 18:47	0°♏	
evening max el	-7819 Nov 06 j 03:29	6°♏34'08	46°28'06
	-7819 Dec 02 j 19:50	0°♐	
asc. node	-7819 Dec 05 j 03:26	1°♐33'22	
greatest brilliancy	-7819 Dec 15 j 01:22	6°♐49'05	-4.8m
retrograde	-7819 Dec 26 j 05:32	9°♐08'51	
evening set	-7818 Jan 12 j 04:04	3°♐29'41	
min. Earth dist.	-7818 Jan 16 j 03:51	0°♐58'26	0.29299 AU
inferior conj	-7818 Jan 16 j 13:53	0°♐42'14	7°36'13
minimum elong	-7818 Jan 16 j 07:56	0°♐51'50	7°35'11
	-7818 Jan 17 j 16:06	30°℞♏	
morning rise	-7818 Jan 20 j 12:07	28°♏13'00	
direct	-7818 Feb 07 j 04:42	22°♏15'45	
greatest brilliancy	-7818 Feb 16 j 07:41	23°♏46'48	-4.7m
	-7818 Mar 01 j 01:58	0°♐	
desc. node	-7818 Mar 27 j 18:43	21°♐43'11	
morning max el	-7818 Mar 27 j 22:39	21°♐52'32	45°54'35
	-7818 Apr 05 j 06:22	0°♑	
	-7818 May 03 j 10:19	0°♒	
	-7818 May 29 j 13:02	0°♓	
	-7818 Jun 23 j 13:42	0°♈	
asc. node	-7818 Jul 17 j 23:15	0°♉03'41	
	-7818 Jul 17 j 22:04	0°♉	
	-7818 Aug 10 j 20:35	0°♊	
	-7818 Sep 03 j 14:42	0°♋	
morning set	-7818 Sep 25 j 05:02	27°♋16'16	
	-7818 Sep 27 j 09:01	0°♌	
	-7818 Oct 21 j 06:34	0°♍	
superior conj	-7818 Nov 06 j 13:37	20°♍19'41	0°01'47
minimum elong	-7818 Nov 06 j 14:07	20°♍21'14	0°01'54
behind sun begin	-7818 Nov 05 j 11:19	18°♍57'51	
behind sun end	-7818 Nov 07 j 16:54	21°♍44'35	
desc. node	-7818 Nov 07 j 07:59	21°♍16'50	
max. Earth dist.	-7818 Nov 12 j 10:34	27°♍37'51	1.72068 AU
	-7818 Nov 14 j 08:20	0°♎	
	-7818 Dec 08 j 13:51	0°♏	
evening rise	-7818 Dec 17 j 18:14	11°♏19'43	
	-7817 Jan 01 j 22:21	0°♐	
	-7817 Jan 26 j 10:07	0°♑	
	-7817 Feb 20 j 02:48	0°♒	
asc. node	-7817 Feb 27 j 10:29	8°♒49'40	
	-7817 Mar 17 j 03:02	0°♓	
	-7817 Apr 11 j 14:23	0°♈	
	-7817 May 07 j 19:17	0°♉	
	-7817 Jun 04 j 12:14	0°♊	
evening max el	-7817 Jun 13 j 03:30	8°♊42'29	46°54'40
desc. node	-7817 Jun 20 j 00:17	15°♊17'43	
	-7817 Jul 07 j 12:30	0°♋	
greatest brilliancy	-7817 Jul 24 j 09:33	9°♋15'15	-4.9m
retrograde	-7817 Aug 02 j 11:06	10°♋47'53	
evening set	-7817 Aug 20 j 07:35	4°♋47'47	
inferior conj	-7817 Aug 23 j 03:43	3°♋05'00	-8°48'12
minimum elong	-7817 Aug 23 j 08:21	2°♋57'57	8°47'21
min. Earth dist.	-7817 Aug 23 j 00:35	3°♋09'46	0.26575 AU
morning rise	-7817 Aug 26 j 09:07	1°♋08'40	
	-7817 Aug 28 j 09:21	30°℞♊	
direct	-7817 Sep 12 j 09:33	25°♊31'40	
greatest brilliancy	-7817 Sep 22 j 15:35	27°♊31'37	-4.9m
	-7817 Sep 28 j 02:03	0°♋	
asc. node	-7817 Oct 10 j 08:31	8°♋10'48	
morning max el	-7817 Nov 01 j 20:44	28°♋46'08	46°35'40
	-7817 Nov 03 j 01:45	0°♌	
	-7817 Nov 30 j 19:02	0°♍	
	-7817 Dec 26 j 23:41	0°♎	
	-7816 Jan 21 j 15:19	0°♏	
desc. node	-7816 Jan 30 j 21:15	10°♏54'39	
	-7816 Feb 15 j 23:16	0°♐	
	-7816 Mar 12 j 00:02	0°♑	
	-7816 Apr 05 j 17:27	0°♒	
morning set	-7816 Apr 29 j 23:14	29°♒45'46	
	-7816 Apr 30 j 03:51	0°♓	
asc. node	-7816 May 21 j 23:00	27°♓02'02	
	-7816 May 24 j 08:09	0°♈	
max. Earth dist.	-7816 May 31 j 15:58	9°♈08'34	1.72025 AU
superior conj	-7816 Jun 05 j 00:15	14°♈34'30	0°32'03
minimum elong	-7816 Jun 04 j 18:08	14°♈15'22	0°31'51
	-7816 Jun 17 j 07:46	0°♉	
	-7816 Jul 11 j 04:43	0°♊	
evening rise	-7816 Jul 12 j 05:25	1°♊17'39	
	-7816 Aug 04 j 01:25	0°♋	
	-7816 Aug 28 j 00:15	0°♌	
desc. node	-7816 Sep 11 j 08:10	17°♌51'17	
	-7816 Sep 21 j 03:12	0°♍	
	-7816 Oct 15 j 12:06	0°♎	
	-7816 Nov 09 j 06:09	0°♏	
	-7816 Dec 04 j 17:04	0°♐	
	-7816 Dec 31 j 16:51	0°♑	
asc. node	-7815 Jan 01 j 13:52	0°♑55'31	
evening max el	-7815 Jan 15 j 18:21	15°♑16'53	45°06'35
	-7815 Feb 01 j 09:00	0°♒	
greatest brilliancy	-7815 Feb 22 j 09:20	12°♒40'38	-4.7m
retrograde	-7815 Mar 04 j 23:04	14°♒40'49	
evening set	-7815 Mar 21 j 11:11	9°♒32'48	
inferior conj	-7815 Mar 26 j 09:22	6°♒34'37	5°51'52
minimum elong	-7815 Mar 26 j 18:15	6°♒20'49	5°49'42
min. Earth dist.	-7815 Mar 27 j 11:12	5°♒54'30	0.29130 AU
morning rise	-7815 Apr 01 j 00:43	3°♒10'08	
	-7815 Apr 07 j 14:46	30°℞♑	
direct	-7815 Apr 17 j 06:48	28°♑09'23	
desc. node	-7815 Apr 24 j 05:29	29°♑02'42	
	-7815 Apr 27 j 10:04	0°♒	
greatest brilliancy	-7815 Apr 28 j 11:40	0°♒23'16	-4.7m
morning max el	-7815 Jun 05 j 21:53	28°♒59'42	46°18'21
	-7815 Jun 06 j 22:28	0°♓	
	-7815 Jul 05 j 02:10	0°♈	
	-7815 Jul 30 j 19:38	0°♉	
asc. node	-7815 Aug 14 j 11:48	17°♉45'20	
	-7815 Aug 24 j 11:05	0°♊	
	-7815 Sep 17 j 14:26	0°♋	
	-7815 Oct 11 j 14:14	0°♌	
	-7815 Nov 04 j 15:38	0°♍	
	-7815 Nov 28 j 20:45	0°♎	
desc. node	-7815 Dec 04 j 21:19	7°♎25'58	
morning set	-7815 Dec 11 j 05:03	15°♎13'31	
	-7815 Dec 23 j 05:10	0°♏	
	-7814 Jan 16 j 15:17	0°♐	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

superior conj	-7814 Jan 19 j 15:52	3°♐42'47	-1°18'11	
minimum elong	-7814 Jan 19 j 10:39	3°♐26'48	1°18'34	
max. Earth dist.	-7814 Jan 19 j 22:53	4°♐04'20	1.73569 AU	
	-7814 Feb 10 j 01:51	0°♑		
evening rise	-7814 Feb 25 j 07:56	18°♑43'13		
greatest brilliancy	-7814 Mar 01 j 12:06	23°♑50'24	-3.9m	
	-7814 Mar 06 j 12:39	0°♒		
asc. node	-7814 Mar 26 j 22:57	25°♒02'06		
	-7814 Mar 31 j 00:20	0°♓		
	-7814 Apr 24 j 13:51	0°♈		
	-7814 May 19 j 06:19	0°♉		
	-7814 Jun 13 j 03:49	0°♊		
	-7814 Jul 08 j 11:04	0°♋		
desc. node	-7814 Jul 17 j 10:46	10°♋27'46		
	-7814 Aug 03 j 15:16	0°♌		
evening max el	-7814 Aug 25 j 00:42	22°♌56'03	47°44'44	
	-7814 Sep 01 j 03:29	0°♍		
greatest brilliancy	-7814 Oct 05 j 01:50	24°♍59'17	-4.9m	
retrograde	-7814 Oct 15 j 06:25	27°♍00'10		
evening set	-7814 Oct 30 j 00:20	22°♍31'56		
min. Earth dist.	-7814 Nov 04 j 07:18	19°♍19'16	0.27278 AU	
inferior conj	-7814 Nov 05 j 01:38	18°♍50'16	-0°25'37	
minimum elong	-7814 Nov 05 j 02:33	18°♍48'50	0°25'10	
asc. node	-7814 Nov 06 j 19:05	17°♍45'01		
morning rise	-7814 Nov 11 j 05:41	15°♍07'16		
direct	-7814 Nov 25 j 13:33	10°♍57'03		
greatest brilliancy	-7814 Dec 04 j 17:30	12°♍33'02	-4.8m	
	-7814 Dec 31 j 20:58	0°♎		
morning max el	-7813 Jan 13 j 18:20	11°♎47'41	46°04'27	
	-7813 Jan 31 j 18:13	0°♏		
desc. node	-7813 Feb 27 j 09:32	29°♏00'58		
	-7813 Feb 28 j 06:35	0°♐		
	-7813 Mar 26 j 11:42	0°♑		
	-7813 Apr 20 j 21:31	0°♒		
	-7813 May 15 j 17:00	0°♓		
	-7813 Jun 09 j 01:20	0°♈		
asc. node	-7813 Jun 19 j 12:17	13°♈01'21		
	-7813 Jul 03 j 01:26	0°♉		
morning set	-7813 Jul 08 j 23:29	7°♉26'43		
	-7813 Jul 26 j 20:25	0°♊		
superior conj	-7813 Aug 17 j 06:50	27°♊06'39	1°23'03	
minimum elong	-7813 Aug 17 j 08:42	27°♊12'35	1°23'34	
max. Earth dist.	-7813 Aug 19 j 08:56	29°♊45'03	1.70747 AU	
	-7813 Aug 19 j 13:40	0°♋		
	-7813 Sep 12 j 08:13	0°♌		
evening rise	-7813 Sep 28 j 13:55	20°♌23'26		
	-7813 Oct 06 j 06:13	0°♍		
desc. node	-7813 Oct 09 j 20:55	4°♍30'40		
	-7813 Oct 30 j 08:35	0°♎		
	-7813 Nov 23 j 15:41	0°♏		
	-7813 Dec 18 j 04:48	0°♐		
	-7812 Jan 12 j 03:38	0°♑		
asc. node	-7812 Jan 30 j 00:57	21°♑01'45		
	-7812 Feb 06 j 19:37	0°♒		
	-7812 Mar 04 j 19:34	0°♓		
evening max el	-7812 Mar 28 j 08:05	23°♓51'58	45°17'09	
	-7812 Apr 04 j 00:02	0°♈		
greatest brilliancy	-7812 May 05 j 19:32	21°♈20'50	-4.8m	
retrograde	-7812 May 15 j 21:51	23°♈08'51		
desc. node	-7812 May 21 j 16:02	22°♈30'37		
evening set	-7812 May 30 j 14:14	19°♈06'14		
inferior conj	-7812 Jun 05 j 22:01	15°♈29'15	-3°33'50	
minimum elong	-7812 Jun 05 j 14:28	15°♈40'34	3°31'40	
min. Earth dist.	-7812 Jun 06 j 07:27	15°♈15'06	0.27363 AU	
morning rise	-7812 Jun 11 j 14:02	12°♈11'54		
direct	-7812 Jun 27 j 01:44	7°♈39'44		
greatest brilliancy	-7812 Jul 08 j 05:56	9°♈57'01	-4.9m	
	-7812 Aug 05 j 19:43	0°♉		
morning max el	-7812 Aug 16 j 13:34	10°♉26'20	46°45'24	
	-7812 Sep 03 j 20:01	0°♊		
asc. node	-7812 Sep 10 j 23:48	8°♊05'34		
	-7812 Sep 29 j 18:01	0°♋		
	-7812 Oct 24 j 16:14	0°♌		
	-7812 Nov 18 j 07:39	0°♍		
	-7812 Dec 12 j 22:59	0°♎		
desc. node	-7811 Jan 01 j 10:33	23°♎40'30		
	-7811 Jan 06 j 15:30	0°♏		
	-7811 Jan 31 j 07:49	0°♐		
morning set	-7811 Feb 20 j 06:13	24°♐18'16		
	-7811 Feb 24 j 22:05	0°♑		
	-7811 Mar 21 j 09:21	0°♒		
max. Earth dist.	-7811 Mar 24 j 19:24	4°♒12'09	1.73562 AU	
superior conj	-7811 Mar 27 j 23:50	8°♒07'14	-0°55'51	
minimum elong	-7811 Mar 28 j 07:46	8°♒31'40	0°56'01	
	-7811 Apr 14 j 17:40	0°♓		
asc. node	-7811 Apr 23 j 11:55	10°♓49'36		
evening rise	-7811 May 02 j 09:38	21°♓50'45		
	-7811 May 08 j 23:34	0°♈		
	-7811 Jun 02 j 03:57	0°♉		
	-7811 Jun 26 j 08:06	0°♊		
	-7811 Jul 20 j 14:06	0°♋		
desc. node	-7811 Aug 13 j 22:17	29°♋52'12		
	-7811 Aug 14 j 00:51	0°♌		
	-7811 Sep 07 j 20:32	0°♍		
	-7811 Oct 03 j 09:24	0°♎		
	-7811 Oct 30 j 14:46	0°♏		
evening max el	-7811 Nov 03 j 18:29	4°♏15'58	46°31'34	
	-7811 Dec 03 j 20:04	0°♐		
asc. node	-7811 Dec 04 j 05:36	0°♐14'54		
greatest brilliancy	-7811 Dec 12 j 19:45	4°♐40'28	-4.8m	
retrograde	-7811 Dec 23 j 22:37	6°♐59'37		
evening set	-7810 Jan 09 j 19:07	1°♐24'02		
	-7810 Jan 12 j 01:10	30°℞♏		
inferior conj	-7810 Jan 14 j 07:12	28°♏33'09	7°29'36	
minimum elong	-7810 Jan 14 j 00:46	28°♏43'32	7°28'29	
min. Earth dist.	-7810 Jan 13 j 20:23	28°♏50'38	0.29250 AU	
morning rise	-7810 Jan 18 j 06:43	26°♏01'43		
direct	-7810 Feb 04 j 20:44	20°♏07'24		
greatest brilliancy	-7810 Feb 13 j 23:34	21°♏37'59	-4.7m	
	-7810 Mar 02 j 00:17	0°♐		
morning max el	-7810 Mar 25 j 13:49	19°♐41'09	45°54'25	
desc. node	-7810 Mar 26 j 20:53	20°♐55'12		
	-7810 Apr 05 j 01:47	0°♑		
	-7810 May 03 j 01:11	0°♒		
	-7810 May 29 j 02:08	0°♓		
	-7810 Jun 23 j 01:59	0°♈		
asc. node	-7810 Jul 17 j 01:25	29°♈33'27		
	-7810 Jul 17 j 09:56	0°♉		
	-7810 Aug 10 j 08:14	0°♊		
	-7810 Sep 03 j 02:14	0°♋		
morning set	-7810 Sep 22 j 14:37	24°♋38'58		
	-7810 Sep 26 j 20:29	0°♌		
	-7810 Oct 20 j 17:58	0°♍		
superior conj	-7810 Nov 03 j 22:52	17°♍43'48	0°05'40	
minimum elong	-7810 Nov 04 j 00:26	17°♍48'42	0°05'45	
behind sun begin	-7810 Nov 02 j 22:55	16°♍29'13		
behind sun end	-7810 Nov 05 j 01:58	19°♍08'09		
desc. node	-7810 Nov 06 j 10:01	20°♍47'53		
max. Earth dist.	-7810 Nov 09 j 22:06	25°♍09'17	1.72000 AU	
	-7810 Nov 13 j 19:41	0°♎		
	-7810 Dec 08 j 01:08	0°♏		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening rise	-7810 Dec 15 j 07:36	8°♏58'09	
	-7809 Jan 01 j 09:40	0°♐	
	-7809 Jan 25 j 21:35	0°♑	
	-7809 Feb 19 j 14:36	0°♒	
asc. node	-7809 Feb 26 j 12:49	8°♒20'46	
	-7809 Mar 16 j 15:30	0°♓	
	-7809 Apr 11 j 04:03	0°♈	
	-7809 May 07 j 11:16	0°♉	
	-7809 Jun 04 j 09:42	0°♊	
evening max el	-7809 Jun 10 j 15:20	6°♊14'14	46°51'06
desc. node	-7809 Jun 19 j 02:22	14°♊17'14	
	-7809 Jul 08 j 15:08	0°♋	
greatest brilliancy	-7809 Jul 21 j 21:16	6°♋43'58	-4.9m
retrograde	-7809 Jul 30 j 22:45	8°♋16'46	
evening set	-7809 Aug 17 j 20:36	2°♋15'09	
inferior conj	-7809 Aug 20 j 15:41	0°♋34'17	-8°52'29
minimum elong	-7809 Aug 20 j 19:24	0°♋28'38	8°51'46
min. Earth dist.	-7809 Aug 20 j 12:48	0°♋38'40	0.26587 AU
	-7809 Aug 21 j 14:18	30°℞♊	
morning rise	-7809 Aug 23 j 18:12	28°♊42'28	
direct	-7809 Sep 09 j 21:32	23°♊00'35	
greatest brilliancy	-7809 Sep 20 j 05:06	25°♊02'04	-4.9m
	-7809 Sep 29 j 21:53	0°♋	
asc. node	-7809 Oct 09 j 10:41	6°♋54'53	
morning max el	-7809 Oct 30 j 10:08	26°♋18'48	46°36'44
	-7809 Nov 03 j 00:19	0°♌	
	-7809 Nov 30 j 11:38	0°♍	
	-7809 Dec 26 j 13:52	0°♎	
	-7808 Jan 21 j 04:11	0°♏	
desc. node	-7808 Jan 29 j 23:29	10°♏24'05	
	-7808 Feb 15 j 11:20	0°♐	
	-7808 Mar 11 j 11:37	0°♑	
	-7808 Apr 05 j 04:44	0°♒	
morning set	-7808 Apr 27 j 18:28	27°♒42'38	
	-7808 Apr 29 j 14:58	0°♓	
asc. node	-7808 May 21 j 01:07	26°♓34'07	
	-7808 May 23 j 19:14	0°♈	
max. Earth dist.	-7808 May 29 j 10:45	7°♈02'37	1.72086 AU
superior conj	-7808 Jun 02 j 17:48	12°♈24'32	0°29'05
minimum elong	-7808 Jun 02 j 12:12	12°♈07'01	0°28'54
	-7808 Jun 16 j 18:56	0°♉	
evening rise	-7808 Jul 09 j 20:03	28°♉57'07	
	-7808 Jul 10 j 16:03	0°♊	
	-7808 Aug 03 j 12:59	0°♋	
	-7808 Aug 27 j 12:04	0°♌	
desc. node	-7808 Sep 10 j 10:19	17°♌20'47	
	-7808 Sep 20 j 15:17	0°♍	
	-7808 Oct 15 j 00:34	0°♎	
	-7808 Nov 08 j 19:19	0°♏	
	-7808 Dec 04 j 07:40	0°♐	
	-7808 Dec 31 j 11:04	0°♑	
asc. node	-7808 Dec 31 j 16:08	0°♑13'18	
evening max el	-7807 Jan 13 j 10:29	13°♑06'13	45°08'13
	-7807 Feb 01 j 20:08	0°♒	
greatest brilliancy	-7807 Feb 20 j 00:25	10°♒31'25	-4.7m
retrograde	-7807 Mar 02 j 15:53	12°♒32'55	
evening set	-7807 Mar 19 j 06:01	7°♒20'49	
inferior conj	-7807 Mar 24 j 01:50	4°♒25'32	6°04'26
minimum elong	-7807 Mar 24 j 10:39	4°♒11'48	6°02'21
min. Earth dist.	-7807 Mar 25 j 02:46	3°♒46'45	0.29178 AU
morning rise	-7807 Mar 29 j 14:49	1°♒04'19	
	-7807 Mar 31 j 13:46	30°℞♑	
direct	-7807 Apr 15 j 00:05	25°♑59'35	
desc. node	-7807 Apr 23 j 07:36	27°♑15'30	
greatest brilliancy	-7807 Apr 26 j 02:41	28°♑11'53	-4.7m
	-7807 Apr 30 j 06:21	0°♒	
morning max el	-7807 Jun 03 j 14:56	26°♒49'21	46°17'19
	-7807 Jun 06 j 20:07	0°♓	
	-7807 Jul 04 j 18:00	0°♈	
	-7807 Jul 30 j 09:22	0°♉	
asc. node	-7807 Aug 13 j 14:08	17°♉12'24	
	-7807 Aug 23 j 23:51	0°♊	
	-7807 Sep 17 j 02:42	0°♋	
	-7807 Oct 11 j 02:11	0°♌	
	-7807 Nov 04 j 03:21	0°♍	
	-7807 Nov 28 j 08:16	0°♎	
desc. node	-7807 Dec 03 j 23:24	6°♎57'02	
morning set	-7807 Dec 08 j 17:09	12°♎47'41	
	-7807 Dec 22 j 16:30	0°♏	
	-7806 Jan 16 j 02:29	0°♐	
superior conj	-7806 Jan 17 j 07:51	1°♐30'07	-1°17'11
minimum elong	-7806 Jan 17 j 02:01	1°♐12'13	1°17'31
max. Earth dist.	-7806 Jan 17 j 20:16	2°♐08'17	1.73541 AU
	-7806 Feb 09 j 13:00	0°♑	
evening rise	-7806 Feb 23 j 02:28	16°♑38'35	
greatest brilliancy	-7806 Feb 28 j 06:39	22°♑59'25	-3.9m
	-7806 Mar 05 j 23:52	0°♒	
asc. node	-7806 Mar 26 j 01:05	24°♒33'45	
	-7806 Mar 30 j 11:47	0°♓	
	-7806 Apr 24 j 01:42	0°♈	
	-7806 May 18 j 18:47	0°♉	
	-7806 Jun 12 j 17:12	0°♊	
	-7806 Jul 08 j 01:55	0°♋	
desc. node	-7806 Jul 16 j 13:06	9°♋49'25	
	-7806 Aug 03 j 09:03	0°♌	
evening max el	-7806 Aug 22 j 17:05	20°♌37'40	47°45'12
	-7806 Sep 01 j 06:04	0°♍	
greatest brilliancy	-7806 Oct 02 j 17:28	22°♍36'09	-4.9m
retrograde	-7806 Oct 12 j 21:32	24°♍35'59	
evening set	-7806 Oct 27 j 15:52	20°♍07'05	
min. Earth dist.	-7806 Nov 01 j 22:02	16°♍55'24	0.27222 AU
inferior conj	-7806 Nov 02 j 15:59	16°♍27'02	-0°47'48
minimum elong	-7806 Nov 02 j 17:41	16°♍24'20	0°47'06
asc. node	-7806 Nov 05 j 21:17	14°♍26'41	
morning rise	-7806 Nov 08 j 20:30	12°♍43'48	
direct	-7806 Nov 23 j 03:53	8°♍35'10	
greatest brilliancy	-7806 Dec 02 j 07:38	10°♍11'20	-4.8m
	-7805 Jan 01 j 03:00	0°♎	
morning max el	-7805 Jan 11 j 09:26	9°♎31'56	46°05'13
	-7805 Jan 31 j 12:15	0°♏	
desc. node	-7805 Feb 26 j 11:43	28°♏26'01	
	-7805 Feb 27 j 21:08	0°♐	
	-7805 Mar 26 j 00:37	0°♑	
	-7805 Apr 20 j 09:35	0°♒	
	-7805 May 15 j 04:36	0°♓	
	-7805 Jun 08 j 12:42	0°♈	
asc. node	-7805 Jun 18 j 14:27	12°♈32'45	
	-7805 Jul 02 j 12:43	0°♉	
morning set	-7805 Jul 06 j 13:56	5°♉05'41	
	-7805 Jul 26 j 07:42	0°♊	
superior conj	-7805 Aug 14 j 18:14	24°♊35'20	1°23'17
minimum elong	-7805 Aug 14 j 19:06	24°♊38'03	1°23'48
max. Earth dist.	-7805 Aug 16 j 09:50	26°♊40'29	1.70745 AU
	-7805 Aug 19 j 00:57	0°♋	
	-7805 Sep 11 j 19:33	0°♌	
evening rise	-7805 Sep 25 j 21:42	17°♌41'47	
	-7805 Oct 05 j 17:37	0°♍	
desc. node	-7805 Oct 08 j 22:58	4°♍01'29	
	-7805 Oct 29 j 20:05	0°♎	
	-7805 Nov 23 j 03:21	0°♏	
	-7805 Dec 17 j 16:48	0°♐	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7804 Jan 11 j 16:17	0°♉	
asc. node	-7804 Jan 29 j 03:14	20°♉29'12	
	-7804 Feb 06 j 09:40	0°♒	
	-7804 Mar 04 j 12:52	0°♓	
evening max el	-7804 Mar 25 j 21:51	21°♓34'31	45°14'59
	-7804 Apr 04 j 04:20	0°♈	
greatest brilliancy	-7804 May 03 j 08:39	19°♈01'05	-4.7m
retrograde	-7804 May 13 j 10:05	20°♈48'38	
desc. node	-7804 May 20 j 18:13	19°♈46'38	
evening set	-7804 May 28 j 02:15	16°♈47'21	
inferior conj	-7804 Jun 03 j 11:19	13°♈08'46	-3°13'00
minimum elong	-7804 Jun 03 j 04:24	13°♈19'08	3°11'00
min. Earth dist.	-7804 Jun 03 j 22:12	12°♈52'25	0.27412 AU
morning rise	-7804 Jun 09 j 05:46	9°♈47'39	
direct	-7804 Jun 24 j 15:21	5°♈17'59	
greatest brilliancy	-7804 Jul 05 j 21:25	7°♈36'18	-4.9m
	-7804 Aug 05 j 23:19	0°♉	
morning max el	-7804 Aug 14 j 01:56	7°♉57'46	46°45'05
	-7804 Sep 03 j 13:45	0°♊	
asc. node	-7804 Sep 10 j 01:52	7°♊23'39	
	-7804 Sep 29 j 08:42	0°♋	
	-7804 Oct 24 j 05:29	0°♌	
	-7804 Nov 17 j 20:05	0°♍	
	-7804 Dec 12 j 10:53	0°♎	
desc. node	-7804 Dec 31 j 12:47	23°♎12'09	
	-7803 Jan 06 j 03:00	0°♏	
	-7803 Jan 30 j 19:01	0°♐	
morning set	-7803 Feb 18 j 00:02	22°♐12'23	
	-7803 Feb 24 j 09:06	0°♑	
	-7803 Mar 20 j 20:17	0°♒	
max. Earth dist.	-7803 Mar 22 j 14:57	2°♒11'08	1.73591 AU
superior conj	-7803 Mar 25 j 19:09	6°♒05'27	-0°57'58
minimum elong	-7803 Mar 26 j 03:08	6°♒29'58	0°58'10
	-7803 Apr 14 j 04:38	0°♓	
asc. node	-7803 Apr 22 j 13:59	10°♓22'01	
evening rise	-7803 Apr 30 j 04:48	19°♓47'20	
	-7803 May 08 j 10:41	0°♈	
	-7803 Jun 01 j 15:19	0°♉	
	-7803 Jun 25 j 19:50	0°♊	
	-7803 Jul 20 j 02:18	0°♋	
desc. node	-7803 Aug 13 j 00:25	29°♋19'40	
	-7803 Aug 13 j 13:39	0°♌	
	-7803 Sep 07 j 10:18	0°♍	
	-7803 Oct 03 j 00:58	0°♎	
	-7803 Oct 30 j 11:06	0°♏	
evening max el	-7803 Nov 01 j 09:05	1°♏57'21	46°35'07
asc. node	-7803 Dec 03 j 07:50	28°♏54'46	
	-7803 Dec 05 j 05:46	0°♐	
greatest brilliancy	-7803 Dec 10 j 13:27	2°♐31'28	-4.8m
retrograde	-7803 Dec 21 j 15:49	4°♐50'56	
	-7802 Jan 06 j 06:00	30°℞♏	
evening set	-7802 Jan 07 j 10:00	29°♏18'41	
min. Earth dist.	-7802 Jan 11 j 12:46	26°♏43'19	0.29205 AU
inferior conj	-7802 Jan 12 j 00:29	26°♏24'24	7°22'22
minimum elong	-7802 Jan 11 j 17:36	26°♏35'30	7°21'08
morning rise	-7802 Jan 16 j 01:28	23°♏50'43	
direct	-7802 Feb 02 j 12:39	17°♏59'11	
greatest brilliancy	-7802 Feb 11 j 15:44	19°♏29'49	-4.7m
	-7802 Mar 02 j 16:43	0°♐	
morning max el	-7802 Mar 23 j 05:32	17°♐31'18	45°54'09
desc. node	-7802 Mar 25 j 22:59	20°♐07'57	
	-7802 Apr 04 j 20:39	0°♑	
	-7802 May 02 j 15:50	0°♒	
	-7802 May 28 j 15:06	0°♓	
	-7802 Jun 22 j 14:06	0°♈	
asc. node	-7802 Jul 16 j 03:40	29°♈04'06	
	-7802 Jul 16 j 21:37	0°♉	
	-7802 Aug 09 j 19:41	0°♊	
	-7802 Sep 02 j 13:34	0°♋	
morning set	-7802 Sep 20 j 00:14	22°♋02'17	
	-7802 Sep 26 j 07:45	0°♌	
	-7802 Oct 20 j 05:10	0°♍	
superior conj	-7802 Nov 01 j 08:10	15°♍08'35	0°09'32
minimum elong	-7802 Nov 01 j 10:48	15°♍16'48	0°09'36
behind sun begin	-7802 Oct 31 j 12:37	14°♍07'40	
behind sun end	-7802 Nov 02 j 08:59	16°♍25'54	
desc. node	-7802 Nov 05 j 12:08	20°♍19'50	
max. Earth dist.	-7802 Nov 07 j 07:29	22°♍34'43	1.71930 AU
	-7802 Nov 13 j 06:47	0°♎	
	-7802 Dec 07 j 12:10	0°♏	
evening rise	-7802 Dec 12 j 21:03	6°♏37'37	
	-7802 Dec 31 j 20:42	0°♐	
	-7801 Jan 25 j 08:47	0°♑	
	-7801 Feb 19 j 02:11	0°♒	
asc. node	-7801 Feb 25 j 14:52	7°♒51'40	
	-7801 Mar 16 j 03:49	0°♓	
	-7801 Apr 10 j 17:40	0°♈	
	-7801 May 07 j 03:22	0°♉	
	-7801 Jun 04 j 07:46	0°♊	
evening max el	-7801 Jun 08 j 03:55	3°♊48'30	46°47'41
desc. node	-7801 Jun 18 j 04:41	13°♊16'21	
	-7801 Jul 10 j 03:58	0°♋	
greatest brilliancy	-7801 Jul 19 j 08:10	4°♋12'34	-4.9m
retrograde	-7801 Jul 28 j 10:49	5°♋46'18	
	-7801 Aug 14 j 21:56	30°℞♊	
evening set	-7801 Aug 15 j 09:03	29°♊43'42	
inferior conj	-7801 Aug 18 j 03:32	28°♊04'04	-8°55'50
minimum elong	-7801 Aug 18 j 06:18	27°♊59'52	8°55'12
min. Earth dist.	-7801 Aug 18 j 00:27	28°♊08'42	0.26598 AU
morning rise	-7801 Aug 21 j 03:32	26°♊16'17	
direct	-7801 Sep 07 j 10:04	20°♊30'13	
greatest brilliancy	-7801 Sep 17 j 17:57	22°♊32'32	-4.9m
	-7801 Oct 01 j 03:37	0°♋	
asc. node	-7801 Oct 08 j 12:54	5°♋42'07	
morning max el	-7801 Oct 28 j 00:12	23°♋54'01	46°37'46
	-7801 Nov 02 j 21:43	0°♌	
	-7801 Nov 30 j 03:36	0°♍	
	-7801 Dec 26 j 03:33	0°♎	
	-7800 Jan 20 j 16:37	0°♏	
desc. node	-7800 Jan 29 j 01:36	9°♏54'25	
	-7800 Feb 14 j 23:00	0°♐	
	-7800 Mar 10 j 22:49	0°♑	
	-7800 Apr 04 j 15:41	0°♒	
morning set	-7800 Apr 25 j 13:36	25°♒40'10	
	-7800 Apr 29 j 01:49	0°♓	
asc. node	-7800 May 20 j 03:19	26°♓07'13	
	-7800 May 23 j 06:05	0°♈	
max. Earth dist.	-7800 May 27 j 03:23	4°♈50'48	1.72149 AU
superior conj	-7800 May 31 j 11:11	10°♈14'49	0°26'04
minimum elong	-7800 May 31 j 06:08	9°♈59'02	0°25'52
	-7800 Jun 16 j 05:53	0°♉	
evening rise	-7800 Jul 07 j 10:31	26°♉36'48	
	-7800 Jul 10 j 03:10	0°♊	
	-7800 Aug 03 j 00:17	0°♋	
	-7800 Aug 26 j 23:35	0°♌	
desc. node	-7800 Sep 09 j 12:20	16°♌50'51	
	-7800 Sep 20 j 03:04	0°♍	
	-7800 Oct 14 j 12:46	0°♎	
	-7800 Nov 08 j 08:12	0°♏	
	-7800 Dec 03 j 22:00	0°♐	
asc. node	-7800 Dec 30 j 18:28	29°♐32'01	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7800 Dec 31 j 05:13	0°♉		
evening max el	-7799 Jan 11 j 03:01	10°♉57'48	45°09'58	
	-7799 Feb 02 j 10:09	0°♒		
greatest brilliancy	-7799 Feb 17 j 16:12	8°♒24'49	-4.7m	
retrograde	-7799 Feb 28 j 08:38	10°♒26'54		
evening set	-7799 Mar 17 j 01:03	5°♒11'02		
inferior conj	-7799 Mar 21 j 18:33	2°♒18'28	6°16'19	
minimum elong	-7799 Mar 22 j 03:14	2°♒04'54	6°14'20	
min. Earth dist.	-7799 Mar 22 j 18:27	1°♒41'11	0.29226 AU	
	-7799 Mar 25 j 12:25	30°℞♉		
morning rise	-7799 Mar 27 j 05:04	29°♉00'26		
direct	-7799 Apr 12 j 17:39	23°♉51'58		
desc. node	-7799 Apr 22 j 09:49	25°♉33'45		
greatest brilliancy	-7799 Apr 23 j 17:33	26°♉01'58	-4.7m	
	-7799 May 01 j 22:56	0°♒		
morning max el	-7799 Jun 01 j 07:20	24°♒38'35	46°15'59	
	-7799 Jun 06 j 16:39	0°♓		
	-7799 Jul 04 j 09:20	0°♈		
	-7799 Jul 29 j 22:47	0°♉		
asc. node	-7799 Aug 12 j 16:11	16°♉39'26		
	-7799 Aug 23 j 12:20	0°♊		
	-7799 Sep 16 j 14:39	0°♋		
	-7799 Oct 10 j 13:46	0°♌		
	-7799 Nov 03 j 14:41	0°♍		
	-7799 Nov 27 j 19:23	0°♎		
desc. node	-7799 Dec 03 j 01:34	6°♎29'32		
morning set	-7799 Dec 06 j 05:15	10°♎22'57		
	-7799 Dec 22 j 03:27	0°♏		
superior conj	-7798 Jan 14 j 23:51	29°♏18'39	-1°16'04	
minimum elong	-7798 Jan 14 j 17:25	28°♏58'54	1°16'22	
	-7798 Jan 15 j 13:19	0°♐		
max. Earth dist.	-7798 Jan 15 j 18:29	0°♐15'53	1.73507 AU	
	-7798 Feb 08 j 23:46	0°♉		
evening rise	-7798 Feb 20 j 21:08	14°♉35'37		
greatest brilliancy	-7798 Feb 27 j 01:15	22°♉09'49	-3.9m	
	-7798 Mar 05 j 10:41	0°♒		
asc. node	-7798 Mar 25 j 03:13	24°♒06'41		
	-7798 Mar 29 j 22:49	0°♓		
	-7798 Apr 23 j 13:11	0°♈		
	-7798 May 18 j 06:58	0°♉		
	-7798 Jun 12 j 06:24	0°♊		
	-7798 Jul 07 j 16:44	0°♋		
desc. node	-7798 Jul 15 j 15:14	9°♋10'41		
	-7798 Aug 03 j 03:04	0°♌		
evening max el	-7798 Aug 20 j 08:50	18°♌17'57	47°45'30	
	-7798 Sep 01 j 10:02	0°♍		
greatest brilliancy	-7798 Sep 30 j 09:33	20°♍13'50	-4.9m	
retrograde	-7798 Oct 10 j 12:08	22°♍11'50		
evening set	-7798 Oct 25 j 07:27	17°♍42'19		
min. Earth dist.	-7798 Oct 30 j 12:55	14°♍31'28	0.27160 AU	
inferior conj	-7798 Oct 31 j 06:11	14°♍04'09	-1°10'06	
minimum elong	-7798 Oct 31 j 08:41	14°♍00'12	1°09'08	
asc. node	-7798 Nov 04 j 23:32	11°♍10'22		
morning rise	-7798 Nov 06 j 10:55	10°♍20'43		
direct	-7798 Nov 20 j 17:43	6°♍13'43		
greatest brilliancy	-7798 Nov 29 j 22:00	7°♍50'17	-4.8m	
	-7797 Jan 01 j 06:42	0°♎		
morning max el	-7797 Jan 08 j 23:30	7°♎14'26	46°06'05	
	-7797 Jan 31 j 05:31	0°♏		
desc. node	-7797 Feb 25 j 13:43	27°♏51'53		
	-7797 Feb 27 j 11:08	0°♐		
	-7797 Mar 25 j 13:05	0°♑		
	-7797 Apr 19 j 21:14	0°♒		
	-7797 May 14 j 15:48	0°♓		
	-7797 Jun 07 j 23:44	0°♈		
asc. node	-7797 Jun 17 j 16:39	12°♈05'23		
	-7797 Jul 01 j 23:42	0°♉		
morning set	-7797 Jul 04 j 04:35	2°♉46'14		
	-7797 Jul 25 j 18:44	0°♊		
superior conj	-7797 Aug 12 j 05:37	22°♊04'31	1°23'20	
minimum elong	-7797 Aug 12 j 05:30	22°♊04'08	1°23'51	
max. Earth dist.	-7797 Aug 13 j 07:37	23°♊26'43	1.70756 AU	
	-7797 Aug 18 j 12:03	0°♋		
	-7797 Sep 11 j 06:44	0°♌		
evening rise	-7797 Sep 23 j 05:02	14°♌59'03		
	-7797 Oct 05 j 04:53	0°♍		
desc. node	-7797 Oct 08 j 01:07	3°♍33'03		
	-7797 Oct 29 j 07:25	0°♎		
	-7797 Nov 22 j 14:49	0°♏		
	-7797 Dec 17 j 04:34	0°♐		
	-7796 Jan 11 j 04:44	0°♑		
asc. node	-7796 Jan 28 j 05:19	19°♑56'40		
	-7796 Feb 05 j 23:34	0°♒		
	-7796 Mar 04 j 06:11	0°♓		
evening max el	-7796 Mar 23 j 11:16	19°♓17'29	45°13'05	
	-7796 Apr 04 j 09:59	0°♈		
greatest brilliancy	-7796 Apr 30 j 21:48	16°♈43'13	-4.7m	
retrograde	-7796 May 10 j 22:59	18°♈30'59		
desc. node	-7796 May 19 j 20:27	16°♈59'52		
evening set	-7796 May 25 j 14:50	14°♈30'16		
inferior conj	-7796 Jun 01 j 01:00	10°♈50'32	-2°52'10	
minimum elong	-7796 May 31 j 18:45	10°♈59'54	2°50'20	
min. Earth dist.	-7796 Jun 01 j 13:15	10°♈32'09	0.27466 AU	
morning rise	-7796 Jun 06 j 21:45	7°♈26'05		
direct	-7796 Jun 22 j 05:14	2°♈58'18		
greatest brilliancy	-7796 Jul 03 j 13:26	5°♈18'13	-4.9m	
	-7796 Aug 06 j 00:59	0°♉		
morning max el	-7796 Aug 11 j 15:03	5°♉32'10	46°44'31	
	-7796 Sep 03 j 06:55	0°♊		
asc. node	-7796 Sep 09 j 04:05	6°♊43'09		
	-7796 Sep 28 j 23:08	0°♋		
	-7796 Oct 23 j 18:37	0°♌		
	-7796 Nov 17 j 08:26	0°♍		
	-7796 Dec 11 j 22:41	0°♎		
desc. node	-7796 Dec 30 j 14:52	22°♎43'38		
	-7795 Jan 05 j 14:23	0°♏		
	-7795 Jan 30 j 06:05	0°♐		
morning set	-7795 Feb 15 j 17:42	20°♐06'27		
	-7795 Feb 23 j 19:57	0°♑		
	-7795 Mar 20 j 07:05	0°♒		
max. Earth dist.	-7795 Mar 20 j 11:50	0°♒14'37	1.73618 AU	
superior conj	-7795 Mar 23 j 14:39	4°♒04'38	-1°00'01	
minimum elong	-7795 Mar 23 j 22:38	4°♒29'09	1°00'13	
	-7795 Apr 13 j 15:28	0°♓		
asc. node	-7795 Apr 21 j 16:14	9°♓55'24		
evening rise	-7795 Apr 28 j 00:23	17°♓45'43		
	-7795 May 07 j 21:41	0°♈		
	-7795 Jun 01 j 02:33	0°♉		
	-7795 Jun 25 j 07:25	0°♊		
	-7795 Jul 19 j 14:22	0°♋		
desc. node	-7795 Aug 12 j 02:29	28°♋47'10		
	-7795 Aug 13 j 02:25	0°♌		
	-7795 Sep 07 j 00:07	0°♍		
	-7795 Oct 02 j 16:47	0°♎		
evening max el	-7795 Oct 30 j 00:13	29°♎39'38	46°38'38	
	-7795 Oct 30 j 08:15	0°♏		
asc. node	-7795 Dec 02 j 10:09	27°♏31'32		
	-7795 Dec 07 j 10:18	0°♐		
greatest brilliancy	-7795 Dec 08 j 06:41	0°♐21'02	-4.8m	
retrograde	-7795 Dec 19 j 09:19	2°♐41'23		
	-7795 Dec 30 j 19:34	30°℞♏		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening set	-7794 Jan 05 j 00:42	27°♏12'24	
min. Earth dist.	-7794 Jan 09 j 04:45	24°♏35'24	0.29153 AU
inferior conj	-7794 Jan 09 j 17:36	24°♏14'43	7°14'27
minimum elong	-7794 Jan 09 j 10:19	24°♏26'26	7°13'06
morning rise	-7794 Jan 13 j 20:14	21°♏38'42	
direct	-7794 Jan 31 j 04:38	15°♏50'07	
greatest brilliancy	-7794 Feb 09 j 07:21	17°♏20'42	-4.7m
	-7794 Mar 03 j 05:08	0°♐	
morning max el	-7794 Mar 20 j 21:57	15°♐23'09	45°54'01
desc. node	-7794 Mar 25 j 01:15	19°♐21'55	
	-7794 Apr 04 j 15:01	0°♑	
	-7794 May 02 j 06:16	0°♒	
	-7794 May 28 j 03:57	0°♓	
	-7794 Jun 22 j 02:09	0°♈	
asc. node	-7794 Jul 15 j 05:42	28°♈34'13	
	-7794 Jul 16 j 09:14	0°♉	
	-7794 Aug 09 j 07:05	0°♊	
	-7794 Sep 02 j 00:52	0°♋	
morning set	-7794 Sep 17 j 10:20	19°♋27'06	
	-7794 Sep 25 j 19:01	0°♌	
	-7794 Oct 19 j 16:24	0°♍	
superior conj	-7794 Oct 29 j 17:16	12°♍32'20	0°13'24
minimum elong	-7794 Oct 29 j 20:57	12°♍43'50	0°13'27
behind sun begin	-7794 Oct 29 j 05:22	11°♍55'13	
behind sun end	-7794 Oct 30 j 12:33	13°♍32'26	
max. Earth dist.	-7794 Nov 04 j 16:21	19°♍58'04	1.71869 AU
desc. node	-7794 Nov 04 j 14:19	19°♍51'45	
	-7794 Nov 12 j 17:59	0°♎	
	-7794 Dec 06 j 23:20	0°♏	
evening rise	-7794 Dec 10 j 09:59	4°♏15'01	
	-7794 Dec 31 j 07:55	0°♐	
	-7793 Jan 24 j 20:09	0°♑	
	-7793 Feb 18 j 13:57	0°♒	
asc. node	-7793 Feb 24 j 17:04	7°♒22'31	
	-7793 Mar 15 j 16:19	0°♓	
	-7793 Apr 10 j 07:31	0°♈	
	-7793 May 06 j 19:50	0°♉	
	-7793 Jun 04 j 06:48	0°♊	
evening max el	-7793 Jun 05 j 17:35	1°♊25'28	46°44'15
desc. node	-7793 Jun 17 j 06:52	12°♊13'32	
	-7793 Jul 12 j 11:58	0°♋	
greatest brilliancy	-7793 Jul 16 j 18:41	1°♋41'07	-4.9m
retrograde	-7793 Jul 25 j 23:18	3°♋16'05	
	-7793 Aug 07 j 18:58	30°℞♊	
evening set	-7793 Aug 12 j 21:09	27°♊13'26	
inferior conj	-7793 Aug 15 j 15:29	25°♊34'07	-8°58'04
minimum elong	-7793 Aug 15 j 17:19	25°♊31'21	8°57'30
min. Earth dist.	-7793 Aug 15 j 11:55	25°♊39'30	0.26606 AU
morning rise	-7793 Aug 18 j 13:29	23°♊49'34	
direct	-7793 Sep 04 j 23:03	18°♊00'29	
greatest brilliancy	-7793 Sep 15 j 06:13	20°♊02'34	-4.9m
	-7793 Oct 02 j 01:09	0°♋	
asc. node	-7793 Oct 07 j 15:10	4°♋31'37	
morning max el	-7793 Oct 25 j 14:16	21°♋29'08	46°38'36
	-7793 Nov 02 j 18:27	0°♌	
	-7793 Nov 29 j 19:27	0°♍	
	-7793 Dec 25 j 17:20	0°♎	
	-7792 Jan 20 j 05:15	0°♏	
desc. node	-7792 Jan 28 j 03:37	9°♏23'43	
	-7792 Feb 14 j 10:55	0°♐	
	-7792 Mar 10 j 10:16	0°♑	
	-7792 Apr 04 j 02:51	0°♒	
morning set	-7792 Apr 23 j 08:42	23°♒37'08	
	-7792 Apr 28 j 12:51	0°♓	
asc. node	-7792 May 19 j 05:26	25°♓39'33	
	-7792 May 22 j 17:07	0°♈	
max. Earth dist.	-7792 May 24 j 19:03	2°♈35'35	1.72212 AU
superior conj	-7792 May 29 j 04:44	8°♈05'12	0°23'02
minimum elong	-7792 May 29 j 00:15	7°♈51'12	0°22'50
	-7792 Jun 15 j 17:01	0°♉	
evening rise	-7792 Jul 05 j 01:21	24°♉17'05	
	-7792 Jul 09 j 14:29	0°♊	
	-7792 Aug 02 j 11:48	0°♋	
	-7792 Aug 26 j 11:18	0°♌	
desc. node	-7792 Sep 08 j 14:36	16°♌21'02	
	-7792 Sep 19 j 15:03	0°♍	
	-7792 Oct 14 j 01:09	0°♎	
	-7792 Nov 07 j 21:21	0°♏	
	-7792 Dec 03 j 12:45	0°♐	
asc. node	-7792 Dec 29 j 20:33	28°♐48'38	
	-7792 Dec 31 j 00:13	0°♑	
evening max el	-7791 Jan 08 j 19:10	8°♑47'17	45°11'34
	-7791 Feb 03 j 05:53	0°♒	
greatest brilliancy	-7791 Feb 15 j 08:42	6°♒17'37	-4.7m
retrograde	-7791 Feb 26 j 00:57	8°♒19'29	
evening set	-7791 Mar 14 j 20:02	3°♒00'03	
inferior conj	-7791 Mar 19 j 11:14	0°♒10'15	6°27'45
minimum elong	-7791 Mar 19 j 19:46	29°♑56'54	6°25'51
	-7791 Mar 19 j 17:47	30°℞♑	
min. Earth dist.	-7791 Mar 20 j 10:22	29°♑34'03	0.29269 AU
morning rise	-7791 Mar 24 j 19:10	26°♑55'22	
direct	-7791 Apr 10 j 10:45	21°♑43'16	
greatest brilliancy	-7791 Apr 21 j 08:28	23°♑50'59	-4.7m
desc. node	-7791 Apr 21 j 12:02	23°♑54'19	
	-7791 May 03 j 03:46	0°♒	
morning max el	-7791 May 29 j 22:44	22°♒24'34	46°14'46
	-7791 Jun 06 j 12:53	0°♓	
	-7791 Jul 04 j 00:44	0°♈	
	-7791 Jul 29 j 12:21	0°♉	
asc. node	-7791 Aug 11 j 18:20	16°♉06'12	
	-7791 Aug 23 j 01:01	0°♊	
	-7791 Sep 16 j 02:50	0°♋	
	-7791 Oct 10 j 01:37	0°♌	
	-7791 Nov 03 j 02:16	0°♍	
	-7791 Nov 27 j 06:46	0°♎	
desc. node	-7791 Dec 02 j 03:37	6°♎00'53	
morning set	-7791 Dec 03 j 17:26	7°♎57'35	
	-7791 Dec 21 j 14:41	0°♏	
superior conj	-7790 Jan 12 j 15:46	27°♏05'58	-1°14'49
minimum elong	-7790 Jan 12 j 08:46	26°♏44'29	1°15'05
max. Earth dist.	-7790 Jan 13 j 16:27	28°♏21'46	1.73475 AU
	-7790 Jan 15 j 00:26	0°♐	
	-7790 Feb 08 j 10:51	0°♑	
evening rise	-7790 Feb 18 j 15:36	12°♑30'52	
greatest brilliancy	-7790 Feb 25 j 20:40	21°♑21'35	-3.9m
	-7790 Mar 04 j 21:52	0°♒	
asc. node	-7790 Mar 24 j 05:28	23°♒38'45	
	-7790 Mar 29 j 10:15	0°♓	
	-7790 Apr 23 j 01:05	0°♈	
	-7790 May 17 j 19:32	0°♉	
	-7790 Jun 11 j 20:00	0°♊	
	-7790 Jul 07 j 08:03	0°♋	
desc. node	-7790 Jul 14 j 17:19	8°♋30'35	
	-7790 Aug 02 j 21:50	0°♌	
evening max el	-7790 Aug 17 j 23:27	15°♌54'24	47°45'36
	-7790 Sep 01 j 16:18	0°♍	
greatest brilliancy	-7790 Sep 28 j 02:05	17°♍50'52	-4.9m
retrograde	-7790 Oct 08 j 02:13	19°♍46'31	
evening set	-7790 Oct 22 j 23:08	15°♍16'05	
min. Earth dist.	-7790 Oct 28 j 04:06	12°♍05'59	0.27101 AU
inferior conj	-7790 Oct 28 j 20:22	11°♍40'14	-1°32'29

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

minimum elong	-7790 Oct 28 j 23:39	11°♍35'03	1°31'14
morning rise	-7790 Nov 04 j 01:04	7°♍56'45	
asc. node	-7790 Nov 04 j 01:47	7°♍55'47	
direct	-7790 Nov 18 j 07:00	3°♍51'04	
greatest brilliancy	-7790 Nov 27 j 12:48	5°♍28'38	-4.8m
	-7789 Jan 01 j 09:11	0°♎	
morning max el	-7789 Jan 06 j 12:47	4°♎53'57	46°07'05
	-7789 Jan 30 j 22:42	0°♏	
desc. node	-7789 Feb 24 j 16:00	27°♏17'59	
	-7789 Feb 27 j 01:17	0°♐	
	-7789 Mar 25 j 01:50	0°♑	
	-7789 Apr 19 j 09:13	0°♒	
	-7789 May 14 j 03:24	0°♓	
	-7789 Jun 07 j 11:07	0°♈	
asc. node	-7789 Jun 16 j 18:43	11°♈36'27	
	-7789 Jul 01 j 11:01	0°♉	
morning set	-7789 Jul 01 j 19:19	0°♉26'03	
	-7789 Jul 25 j 06:03	0°♊	
superior conj	-7789 Aug 09 j 17:08	19°♊33'15	1°23'14
minimum elong	-7789 Aug 09 j 16:01	19°♊29'45	1°23'44
max. Earth dist.	-7789 Aug 10 j 09:00	20°♊23'26	1.70771 AU
	-7789 Aug 17 j 23:26	0°♋	
	-7789 Sep 10 j 18:12	0°♌	
evening rise	-7789 Sep 20 j 12:31	12°♌15'56	
	-7789 Oct 04 j 16:27	0°♍	
desc. node	-7789 Oct 07 j 03:16	3°♍03'39	
	-7789 Oct 28 j 19:05	0°♎	
	-7789 Nov 22 j 02:37	0°♏	
	-7789 Dec 16 j 16:40	0°♐	
	-7788 Jan 10 j 17:32	0°♑	
asc. node	-7788 Jan 27 j 07:35	19°♑23'40	
	-7788 Feb 05 j 13:54	0°♒	
	-7788 Mar 04 j 00:16	0°♓	
evening max el	-7788 Mar 21 j 00:47	16°♓59'48	45°11'09
	-7788 Apr 04 j 18:32	0°♈	
greatest brilliancy	-7788 Apr 28 j 10:20	14°♈23'25	-4.7m
retrograde	-7788 May 08 j 12:15	16°♈12'04	
desc. node	-7788 May 18 j 22:37	14°♈06'43	
evening set	-7788 May 23 j 03:29	12°♈11'29	
inferior conj	-7788 May 29 j 14:31	8°♈30'49	-2°30'52
minimum elong	-7788 May 29 j 08:59	8°♈39'07	2°29'15
min. Earth dist.	-7788 May 30 j 03:58	8°♈10'39	0.27523 AU
morning rise	-7788 Jun 04 j 13:31	5°♈03'26	
direct	-7788 Jun 19 j 19:20	0°♈37'07	
greatest brilliancy	-7788 Jul 01 j 05:11	2°♈58'38	-4.9m
	-7788 Aug 06 j 01:51	0°♉	
morning max el	-7788 Aug 09 j 05:05	3°♉08'01	46°44'04
	-7788 Sep 03 j 00:04	0°♊	
asc. node	-7788 Sep 08 j 06:25	6°♊02'33	
	-7788 Sep 28 j 13:40	0°♋	
	-7788 Oct 23 j 07:54	0°♌	
	-7788 Nov 16 j 20:58	0°♍	
	-7788 Dec 11 j 10:42	0°♎	
desc. node	-7788 Dec 29 j 16:54	22°♎14'18	
	-7787 Jan 05 j 01:59	0°♏	
	-7787 Jan 29 j 17:21	0°♐	
morning set	-7787 Feb 13 j 11:24	17°♐59'50	
	-7787 Feb 23 j 07:02	0°♑	
max. Earth dist.	-7787 Mar 18 j 10:45	28°♑23'44	1.73645 AU
	-7787 Mar 19 j 18:05	0°♒	
superior conj	-7787 Mar 21 j 10:14	2°♒03'26	-1°01'58
minimum elong	-7787 Mar 21 j 18:09	2°♒27'47	1°02'12
	-7787 Apr 13 j 02:32	0°♓	
asc. node	-7787 Apr 20 j 18:21	9°♓27'40	
evening rise	-7787 Apr 25 j 20:04	15°♓43'45	
	-7787 May 07 j 08:55	0°♈	
	-7787 May 31 j 14:05	0°♉	
	-7787 Jun 24 j 19:19	0°♊	
	-7787 Jul 19 j 02:46	0°♋	
desc. node	-7787 Aug 11 j 04:46	28°♋14'24	
	-7787 Aug 12 j 15:30	0°♌	
	-7787 Sep 06 j 14:16	0°♍	
	-7787 Oct 02 j 09:02	0°♎	
evening max el	-7787 Oct 27 j 16:07	27°♎23'18	46°42'12
	-7787 Oct 30 j 06:23	0°♏	
asc. node	-7787 Dec 01 j 12:18	26°♏04'52	
greatest brilliancy	-7787 Dec 05 j 23:37	28°♏09'35	-4.8m
	-7787 Dec 12 j 01:03	0°♐	
retrograde	-7787 Dec 17 j 03:14	0°♐31'01	
	-7787 Dec 22 j 02:31	30°℞♏	
evening set	-7786 Jan 02 j 15:19	25°♏05'24	
inferior conj	-7786 Jan 07 j 10:38	22°♏04'08	7°05'46
minimum elong	-7786 Jan 07 j 03:01	22°♏16'24	7°04'20
min. Earth dist.	-7786 Jan 06 j 20:26	22°♏27'00	0.29100 AU
morning rise	-7786 Jan 11 j 15:05	19°♏25'41	
direct	-7786 Jan 28 j 20:59	13°♏40'20	
greatest brilliancy	-7786 Feb 06 j 22:24	15°♏10'22	-4.7m
	-7786 Mar 03 j 14:34	0°♐	
morning max el	-7786 Mar 18 j 14:55	13°♐16'03	45°53'56
desc. node	-7786 Mar 24 j 03:24	18°♐35'58	
	-7786 Apr 04 j 09:05	0°♑	
	-7786 May 01 j 20:41	0°♒	
	-7786 May 27 j 16:50	0°♓	
	-7786 Jun 21 j 14:17	0°♈	
asc. node	-7786 Jul 14 j 07:54	28°♈04'25	
	-7786 Jul 15 j 21:00	0°♉	
	-7786 Aug 08 j 18:39	0°♊	
	-7786 Sep 01 j 12:22	0°♋	
morning set	-7786 Sep 14 j 20:11	16°♋50'37	
	-7786 Sep 25 j 06:27	0°♌	
	-7786 Oct 19 j 03:45	0°♍	
superior conj	-7786 Oct 27 j 01:58	9°♍54'23	0°17'18
minimum elong	-7786 Oct 27 j 06:42	10°♍09'08	0°17'18
max. Earth dist.	-7786 Nov 02 j 03:33	17°♍28'18	1.71805 AU
desc. node	-7786 Nov 03 j 16:20	19°♍22'52	
	-7786 Nov 12 j 05:16	0°♎	
	-7786 Dec 06 j 10:35	0°♏	
evening rise	-7786 Dec 07 j 22:42	1°♏51'28	
	-7786 Dec 30 j 19:13	0°♐	
	-7785 Jan 24 j 07:37	0°♑	
	-7785 Feb 18 j 01:48	0°♒	
asc. node	-7785 Feb 23 j 19:22	6°♒53'23	
	-7785 Mar 15 j 04:55	0°♓	
	-7785 Apr 09 j 21:30	0°♈	
	-7785 May 06 j 12:36	0°♉	
evening max el	-7785 Jun 03 j 07:25	29°♉02'57	46°40'33
	-7785 Jun 04 j 06:52	0°♊	
desc. node	-7785 Jun 16 j 08:57	11°♊08'52	
greatest brilliancy	-7785 Jul 14 j 05:07	29°♊09'22	-4.9m
	-7785 Jul 17 j 04:50	0°♋	
retrograde	-7785 Jul 23 j 11:27	0°♋45'01	
	-7785 Jul 29 j 13:29	30°℞♊	
evening set	-7785 Aug 10 j 08:31	24°♊43'31	
inferior conj	-7785 Aug 13 j 03:15	23°♊03'31	-8°59'12
minimum elong	-7785 Aug 13 j 04:08	23°♊02'12	8°58'40
min. Earth dist.	-7785 Aug 12 j 23:21	23°♊09'24	0.26618 AU
morning rise	-7785 Aug 15 j 23:46	21°♊21'12	
direct	-7785 Sep 02 j 11:53	15°♊30'09	
greatest brilliancy	-7785 Sep 12 j 18:23	17°♊31'36	-4.9m
	-7785 Oct 02 j 17:30	0°♋	
asc. node	-7785 Oct 06 j 17:22	3°♋22'21	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

morning max el	-7785 Oct 23 j 03:34	19°♋01'42	46°39'26
	-7785 Nov 02 j 14:41	0°♌	
	-7785 Nov 29 j 11:08	0°♍	
	-7785 Dec 25 j 06:59	0°♎	
	-7784 Jan 19 j 17:45	0°♏	
desc. node	-7784 Jan 27 j 05:53	8°♏54'03	
	-7784 Feb 13 j 22:44	0°♐	
	-7784 Mar 09 j 21:38	0°♑	
	-7784 Apr 03 j 13:56	0°♒	
morning set	-7784 Apr 21 j 04:05	21°♒35'13	
	-7784 Apr 27 j 23:48	0°♓	
asc. node	-7784 May 18 j 07:33	25°♓12'06	
	-7784 May 22 j 04:03	0°♈	
max. Earth dist.	-7784 May 22 j 10:29	0°♈20'03	1.72273 AU
superior conj	-7784 May 26 j 22:44	5°♈57'26	0°20'00
minimum elong	-7784 May 26 j 18:50	5°♈45'15	0°19'49
	-7784 Jun 15 j 04:03	0°♉	
evening rise	-7784 Jul 02 j 16:40	21°♉59'25	
	-7784 Jul 09 j 01:42	0°♊	
	-7784 Aug 01 j 23:13	0°♋	
	-7784 Aug 25 j 22:58	0°♌	
desc. node	-7784 Sep 07 j 16:42	15°♌50'48	
	-7784 Sep 19 j 03:02	0°♍	
	-7784 Oct 13 j 13:35	0°♎	
	-7784 Nov 07 j 10:33	0°♏	
	-7784 Dec 03 j 03:36	0°♐	
asc. node	-7784 Dec 28 j 22:51	28°♐05'39	
	-7784 Dec 30 j 19:36	0°♑	
evening max el	-7783 Jan 06 j 10:26	6°♑34'50	45°13'25
	-7783 Feb 04 j 08:34	0°♒	
greatest brilliancy	-7783 Feb 13 j 01:38	4°♒11'27	-4.7m
retrograde	-7783 Feb 23 j 17:04	6°♒13'02	
evening set	-7783 Mar 12 j 15:05	0°♒49'55	
	-7783 Mar 14 j 00:38	30°℞♑	
inferior conj	-7783 Mar 17 j 04:05	28°♑02'59	6°38'33
minimum elong	-7783 Mar 17 j 12:23	27°♑49'57	6°36'45
min. Earth dist.	-7783 Mar 18 j 02:43	27°♑27'27	0.29310 AU
morning rise	-7783 Mar 22 j 09:20	24°♑51'18	
direct	-7783 Apr 08 j 03:26	19°♑35'20	
greatest brilliancy	-7783 Apr 18 j 23:59	21°♑41'23	-4.7m
desc. node	-7783 Apr 20 j 14:10	22°♑18'52	
	-7783 May 04 j 00:29	0°♒	
morning max el	-7783 May 27 j 13:50	20°♒10'28	46°13'45
	-7783 Jun 06 j 08:17	0°♓	
	-7783 Jul 03 j 15:42	0°♈	
	-7783 Jul 29 j 01:35	0°♉	
asc. node	-7783 Aug 10 j 20:40	15°♉34'24	
	-7783 Aug 22 j 13:25	0°♊	
	-7783 Sep 15 j 14:45	0°♋	
	-7783 Oct 09 j 13:15	0°♌	
	-7783 Nov 02 j 13:41	0°♍	
	-7783 Nov 26 j 18:01	0°♎	
morning set	-7783 Dec 01 j 05:06	5°♎30'52	
desc. node	-7783 Dec 01 j 05:43	5°♎32'46	
	-7783 Dec 21 j 01:45	0°♏	
superior conj	-7782 Jan 10 j 07:15	24°♏52'30	-1°13'26
minimum elong	-7782 Jan 09 j 23:44	24°♏29'25	1°13'40
max. Earth dist.	-7782 Jan 11 j 12:31	26°♏22'25	1.73435 AU
	-7782 Jan 14 j 11:22	0°♐	
	-7782 Feb 07 j 21:43	0°♑	
evening rise	-7782 Feb 16 j 09:49	10°♑26'04	
greatest brilliancy	-7782 Feb 24 j 11:29	20°♑19'54	-3.9m
	-7782 Mar 04 j 08:50	0°♒	
asc. node	-7782 Mar 23 j 07:35	23°♒11'06	
	-7782 Mar 28 j 21:30	0°♓	
	-7782 Apr 22 j 12:47	0°♈	
	-7782 May 17 j 07:56	0°♉	
	-7782 Jun 11 j 09:25	0°♊	
	-7782 Jul 06 j 23:11	0°♋	
desc. node	-7782 Jul 13 j 19:40	7°♋51'56	
	-7782 Aug 02 j 16:39	0°♌	
evening max el	-7782 Aug 15 j 13:08	13°♌29'35	47°45'34
	-7782 Sep 02 j 00:17	0°♍	
greatest brilliancy	-7782 Sep 25 j 18:35	15°♍28'44	-4.9m
retrograde	-7782 Oct 05 j 16:04	17°♍22'16	
evening set	-7782 Oct 20 j 14:57	12°♍50'16	
inferior conj	-7782 Oct 26 j 10:34	9°♍17'12	-1°54'40
minimum elong	-7782 Oct 26 j 14:37	9°♍10'48	1°53'10
min. Earth dist.	-7782 Oct 25 j 19:25	9°♍41'10	0.27051 AU
morning rise	-7782 Nov 01 j 15:04	5°♍33'58	
asc. node	-7782 Nov 03 j 03:58	4°♍45'47	
direct	-7782 Nov 15 j 20:01	1°♍28'55	
greatest brilliancy	-7782 Nov 25 j 04:02	3°♍08'07	-4.8m
	-7781 Jan 01 j 10:04	0°♎	
morning max el	-7781 Jan 04 j 02:32	2°♎34'56	46°08'05
	-7781 Jan 30 j 15:20	0°♏	
desc. node	-7781 Feb 23 j 18:09	26°♏44'33	
	-7781 Feb 26 j 15:04	0°♐	
	-7781 Mar 24 j 14:13	0°♑	
	-7781 Apr 18 j 20:51	0°♒	
	-7781 May 13 j 14:38	0°♓	
	-7781 Jun 06 j 22:11	0°♈	
asc. node	-7781 Jun 15 j 20:54	11°♈08'50	
morning set	-7781 Jun 29 j 10:23	28°♈08'00	
	-7781 Jun 30 j 22:02	0°♉	
	-7781 Jul 24 j 17:04	0°♊	
superior conj	-7781 Aug 07 j 05:07	17°♊04'27	1°22'57
minimum elong	-7781 Aug 07 j 03:03	16°♊57'56	1°23'26
max. Earth dist.	-7781 Aug 07 j 13:58	17°♊32'26	1.70786 AU
	-7781 Aug 17 j 10:29	0°♋	
	-7781 Sep 10 j 05:19	0°♌	
evening rise	-7781 Sep 17 j 20:33	9°♌35'38	
	-7781 Oct 04 j 03:38	0°♍	
desc. node	-7781 Oct 06 j 05:19	2°♍35'08	
	-7781 Oct 28 j 06:22	0°♎	
	-7781 Nov 21 j 14:05	0°♏	
	-7781 Dec 16 j 04:30	0°♐	
	-7780 Jan 10 j 06:07	0°♑	
asc. node	-7780 Jan 26 j 09:53	18°♑51'25	
	-7780 Feb 05 j 04:06	0°♒	
	-7780 Mar 03 j 18:27	0°♓	
evening max el	-7780 Mar 18 j 15:13	14°♓45'34	45°09'31
	-7780 Apr 05 j 05:25	0°♈	
greatest brilliancy	-7780 Apr 25 j 22:32	12°♈04'57	-4.7m
retrograde	-7780 May 06 j 02:10	13°♈54'49	
desc. node	-7780 May 18 j 00:47	11°♈10'49	
evening set	-7780 May 20 j 16:35	9°♈54'11	
inferior conj	-7780 May 27 j 04:11	6°♈12'38	-2°09'31
minimum elong	-7780 May 26 j 23:23	6°♈19'49	2°08'08
min. Earth dist.	-7780 May 27 j 18:28	5°♈51'14	0.27581 AU
morning rise	-7780 Jun 02 j 05:16	2°♈42'36	
	-7780 Jun 08 j 03:35	30°℞♓	
direct	-7780 Jun 17 j 10:05	28°♓17'33	
	-7780 Jun 27 j 01:06	0°♈	
greatest brilliancy	-7780 Jun 28 j 20:27	0°♈39'56	-4.8m
	-7780 Aug 06 j 01:11	0°♉	
morning max el	-7780 Aug 06 j 20:17	0°♉48'07	46°43'34
	-7780 Sep 02 j 16:33	0°♊	
asc. node	-7780 Sep 07 j 08:28	5°♊22'33	
	-7780 Sep 28 j 03:42	0°♋	
	-7780 Oct 22 j 20:43	0°♌	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7780 Nov 16 j 09:04	0°♍	
	-7780 Dec 10 j 22:17	0°♎	
desc. node	-7780 Dec 28 j 19:07	21°♎46'43	
	-7779 Jan 04 j 13:12	0°♏	
	-7779 Jan 29 j 04:18	0°♐	
morning set	-7779 Feb 11 j 04:55	15°♐53'35	
	-7779 Feb 22 j 17:48	0°♑	
max. Earth dist.	-7779 Mar 16 j 10:20	26°♑35'46	1.73668 AU
superior conj	-7779 Mar 19 j 05:37	0°♒02'31	-1°03'51
minimum elong	-7779 Mar 19 j 13:27	0°♒26'38	1°04'06
	-7779 Mar 19 j 04:48	0°♒	
	-7779 Apr 12 j 13:18	0°♓	
asc. node	-7779 Apr 19 j 20:28	9°♓00'49	
evening rise	-7779 Apr 23 j 15:37	13°♓42'25	
	-7779 May 06 j 19:51	0°♈	
	-7779 May 31 j 01:17	0°♉	
	-7779 Jun 24 j 06:57	0°♊	
	-7779 Jul 18 j 14:56	0°♋	
desc. node	-7779 Aug 10 j 06:53	27°♋41'55	
	-7779 Aug 12 j 04:23	0°♌	
	-7779 Sep 06 j 04:15	0°♍	
	-7779 Oct 02 j 01:11	0°♎	
evening max el	-7779 Oct 25 j 08:59	25°♎10'27	46°45'47
	-7779 Oct 30 j 04:55	0°♏	
asc. node	-7779 Nov 30 j 14:33	24°♏36'46	
greatest brilliancy	-7779 Dec 03 j 16:41	25°♏59'30	-4.8m
retrograde	-7779 Dec 14 j 21:19	28°♏21'40	
evening set	-7779 Dec 31 j 06:02	22°♏59'40	
min. Earth dist.	-7778 Jan 04 j 12:02	20°♏19'56	0.29043 AU
inferior conj	-7778 Jan 05 j 03:44	19°♏54'41	6°56'34
minimum elong	-7778 Jan 04 j 19:48	20°♏07'26	6°55'01
morning rise	-7778 Jan 09 j 10:02	17°♏13'37	
direct	-7778 Jan 26 j 13:45	11°♏31'52	
greatest brilliancy	-7778 Feb 04 j 13:04	13°♏00'41	-4.7m
	-7778 Mar 03 j 21:01	0°♐	
morning max el	-7778 Mar 16 j 07:59	11°♐10'04	45°53'42
desc. node	-7778 Mar 23 j 05:30	17°♐51'26	
	-7778 Apr 04 j 02:28	0°♑	
	-7778 May 01 j 10:42	0°♒	
	-7778 May 27 j 05:24	0°♓	
	-7778 Jun 21 j 02:08	0°♈	
asc. node	-7778 Jul 13 j 10:09	27°♈35'39	
	-7778 Jul 15 j 08:28	0°♉	
	-7778 Aug 08 j 05:57	0°♊	
	-7778 Aug 31 j 23:36	0°♋	
morning set	-7778 Sep 12 j 06:07	14°♋15'00	
	-7778 Sep 24 j 17:39	0°♌	
	-7778 Oct 18 j 14:54	0°♍	
superior conj	-7778 Oct 24 j 10:40	7°♍16'55	0°21'08
minimum elong	-7778 Oct 24 j 16:24	7°♍34'49	0°21'08
max. Earth dist.	-7778 Oct 30 j 15:55	15°♍02'39	1.71739 AU
desc. node	-7778 Nov 02 j 18:29	18°♍54'57	
	-7778 Nov 11 j 16:20	0°♎	
evening rise	-7778 Dec 05 j 11:22	29°♎28'23	
	-7778 Dec 05 j 21:37	0°♏	
	-7778 Dec 30 j 06:16	0°♐	
	-7777 Jan 23 j 18:51	0°♑	
	-7777 Feb 17 j 13:27	0°♒	
asc. node	-7777 Feb 22 j 21:28	6°♒24'19	
	-7777 Mar 14 j 17:21	0°♓	
	-7777 Apr 09 j 11:26	0°♈	
	-7777 May 06 j 05:30	0°♉	
evening max el	-7777 May 31 j 21:08	26°♉40'45	46°36'54
	-7777 Jun 04 j 07:51	0°♊	
desc. node	-7777 Jun 15 j 11:17	10°♊03'41	
greatest brilliancy	-7777 Jul 11 j 16:19	26°♊39'28	-4.9m
retrograde	-7777 Jul 20 j 23:10	28°♊14'57	
evening set	-7777 Aug 07 j 19:27	22°♊15'46	
inferior conj	-7777 Aug 10 j 15:13	20°♊34'10	-8°59'11
minimum elong	-7777 Aug 10 j 15:05	20°♊34'21	8°58'42
min. Earth dist.	-7777 Aug 10 j 11:16	20°♊40'07	0.26629 AU
morning rise	-7777 Aug 13 j 10:45	18°♊53'10	
direct	-7777 Aug 31 j 00:29	13°♊00'58	
greatest brilliancy	-7777 Sep 10 j 07:08	15°♊02'08	-4.9m
	-7777 Oct 03 j 05:28	0°♋	
asc. node	-7777 Oct 05 j 19:36	2°♋15'41	
morning max el	-7777 Oct 20 j 16:02	16°♋32'25	46°40'09
	-7777 Nov 02 j 10:09	0°♌	
	-7777 Nov 29 j 02:28	0°♍	
	-7777 Dec 24 j 20:25	0°♎	
	-7776 Jan 19 j 06:06	0°♏	
desc. node	-7776 Jan 26 j 07:58	8°♏24'19	
	-7776 Feb 13 j 10:23	0°♐	
	-7776 Mar 09 j 08:51	0°♑	
	-7776 Apr 03 j 00:54	0°♒	
morning set	-7776 Apr 18 j 23:29	19°♒33'41	
	-7776 Apr 27 j 10:40	0°♓	
asc. node	-7776 May 17 j 09:47	24°♓45'12	
max. Earth dist.	-7776 May 20 j 02:26	28°♓06'21	1.72339 AU
	-7776 May 21 j 14:57	0°♈	
superior conj	-7776 May 24 j 16:47	3°♈50'03	0°16'56
minimum elong	-7776 May 24 j 13:28	3°♈39'43	0°16'46
	-7776 Jun 14 j 15:04	0°♉	
evening rise	-7776 Jun 30 j 08:05	19°♉42'10	
	-7776 Jul 08 j 12:53	0°♊	
	-7776 Aug 01 j 10:37	0°♋	
	-7776 Aug 25 j 10:37	0°♌	
desc. node	-7776 Sep 06 j 18:47	15°♌20'32	
	-7776 Sep 18 j 15:01	0°♍	
	-7776 Oct 13 j 02:03	0°♎	
	-7776 Nov 06 j 23:52	0°♏	
	-7776 Dec 02 j 18:40	0°♐	
asc. node	-7776 Dec 28 j 01:10	27°♐22'05	
	-7776 Dec 30 j 15:35	0°♑	
evening max el	-7775 Jan 04 j 01:09	4°♑20'51	45°15'27
	-7775 Feb 05 j 22:48	0°♒	
greatest brilliancy	-7775 Feb 10 j 18:20	2°♒05'12	-4.7m
retrograde	-7775 Feb 21 j 09:22	4°♒07'08	
	-7775 Mar 08 j 01:09	30°℞♑	
evening set	-7775 Mar 10 j 10:08	28°♑40'10	
inferior conj	-7775 Mar 14 j 21:03	25°♑56'11	6°48'37
minimum elong	-7775 Mar 15 j 05:05	25°♑43'34	6°46'57
min. Earth dist.	-7775 Mar 15 j 19:17	25°♑21'14	0.29348 AU
morning rise	-7775 Mar 19 j 23:39	22°♑47'56	
direct	-7775 Apr 05 j 19:54	17°♑27'47	
greatest brilliancy	-7775 Apr 16 j 16:03	19°♑32'55	-4.7m
desc. node	-7775 Apr 19 j 16:23	20°♑47'07	
	-7775 May 04 j 15:50	0°♒	
morning max el	-7775 May 25 j 05:07	17°♒56'55	46°12'39
	-7775 Jun 06 j 03:11	0°♓	
	-7775 Jul 03 j 06:34	0°♈	
	-7775 Jul 28 j 14:51	0°♉	
asc. node	-7775 Aug 09 j 22:42	15°♉01'29	
	-7775 Aug 22 j 01:52	0°♊	
	-7775 Sep 15 j 02:45	0°♋	
	-7775 Oct 09 j 00:56	0°♌	
	-7775 Nov 02 j 01:10	0°♍	
	-7775 Nov 26 j 05:20	0°♎	
morning set	-7775 Nov 28 j 16:29	3°♎02'52	
desc. node	-7775 Nov 30 j 07:54	5°♎04'40	
	-7775 Dec 20 j 12:56	0°♏	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

superior conj	-7774 Jan 07 j 22:34	22°♏38'04	-1°11'56
minimum elong	-7774 Jan 07 j 14:33	22°♏13'28	1°12'07
max. Earth dist.	-7774 Jan 09 j 06:14	24°♏15'22	1.73396 AU
	-7774 Jan 13 j 22:26	0°♐	
	-7774 Feb 07 j 08:45	0°♑	
evening rise	-7774 Feb 14 j 03:57	8°♑20'37	
greatest brilliancy	-7774 Feb 23 j 00:40	19°♑12'49	-3.9m
	-7774 Mar 03 j 19:55	0°♒	
asc. node	-7774 Mar 22 j 09:46	22°♒43'16	
	-7774 Mar 28 j 08:51	0°♓	
	-7774 Apr 22 j 00:36	0°♈	
	-7774 May 16 j 20:29	0°♉	
	-7774 Jun 10 j 23:06	0°♊	
	-7774 Jul 06 j 14:47	0°♋	
desc. node	-7774 Jul 12 j 21:46	7°♋11'27	
	-7774 Aug 02 j 12:18	0°♌	
evening max el	-7774 Aug 13 j 02:34	11°♌03'12	47°45'25
	-7774 Sep 02 j 11:40	0°♍	
greatest brilliancy	-7774 Sep 23 j 10:35	13°♍04'26	-4.9m
retrograde	-7774 Oct 03 j 05:56	14°♍56'24	
evening set	-7774 Oct 18 j 06:36	10°♍22'15	
min. Earth dist.	-7774 Oct 23 j 10:20	7°♍14'39	0.27003 AU
inferior conj	-7774 Oct 24 j 00:28	6°♍52'21	-2°16'50
minimum elong	-7774 Oct 24 j 05:16	6°♍44'47	2°15'08
morning rise	-7774 Oct 30 j 04:38	3°♍09'54	
asc. node	-7774 Nov 02 j 06:15	1°♍37'59	
	-7774 Nov 06 j 17:13	30°℞♌	
direct	-7774 Nov 13 j 08:45	29°♌04'48	
	-7774 Nov 20 j 06:09	0°♍	
greatest brilliancy	-7774 Nov 22 j 18:55	0°♍45'50	-4.8m
	-7773 Jan 01 j 10:09	0°♎	
morning max el	-7773 Jan 01 j 16:56	0°♎16'27	46°09'07
	-7773 Jan 30 j 07:57	0°♏	
desc. node	-7773 Feb 22 j 20:11	26°♏10'17	
	-7773 Feb 26 j 04:59	0°♐	
	-7773 Mar 24 j 02:47	0°♑	
	-7773 Apr 18 j 08:42	0°♒	
	-7773 May 13 j 02:05	0°♓	
	-7773 Jun 06 j 09:27	0°♈	
asc. node	-7773 Jun 14 j 23:07	10°♈40'46	
morning set	-7773 Jun 27 j 01:45	25°♈50'25	
	-7773 Jun 30 j 09:15	0°♉	
	-7773 Jul 24 j 04:19	0°♊	
superior conj	-7773 Aug 04 j 17:09	14°♊34'56	1°22'30
minimum elong	-7773 Aug 04 j 14:11	14°♊25'34	1°22'59
max. Earth dist.	-7773 Aug 04 j 21:01	14°♊47'11	1.70809 AU
	-7773 Aug 16 j 21:50	0°♋	
	-7773 Sep 09 j 16:47	0°♌	
evening rise	-7773 Sep 15 j 04:17	6°♌53'15	
	-7773 Oct 03 j 15:11	0°♍	
desc. node	-7773 Oct 05 j 07:30	2°♍05'49	
	-7773 Oct 27 j 18:01	0°♎	
	-7773 Nov 21 j 01:54	0°♏	
	-7773 Dec 15 j 16:42	0°♐	
	-7772 Jan 09 j 19:07	0°♑	
asc. node	-7772 Jan 25 j 11:58	18°♑17'23	
	-7772 Feb 04 j 18:51	0°♒	
	-7772 Mar 03 j 13:30	0°♓	
evening max el	-7772 Mar 16 j 06:37	12°♓32'46	45°08'01
	-7772 Apr 05 j 20:30	0°♈	
greatest brilliancy	-7772 Apr 23 j 10:57	9°♈46'17	-4.7m
retrograde	-7772 May 03 j 16:12	11°♈37'05	
desc. node	-7772 May 17 j 03:03	8°♈10'29	
evening set	-7772 May 18 j 06:05	7°♈36'32	
inferior conj	-7772 May 24 j 17:58	3°♈54'10	-1°48'12
minimum elong	-7772 May 24 j 13:56	4°♈00'12	1°47'02
min. Earth dist.	-7772 May 25 j 08:53	3°♈31'48	0.27635 AU
morning rise	-7772 May 30 j 20:57	0°♈21'37	
	-7772 May 31 j 13:22	30°℞♓	
direct	-7772 Jun 15 j 01:16	25°♓58'01	
greatest brilliancy	-7772 Jun 26 j 11:06	28°♓20'15	-4.8m
	-7772 Jun 30 j 04:17	0°♈	
morning max el	-7772 Aug 04 j 11:26	28°♈27'41	46°42'49
	-7772 Aug 05 j 23:49	0°♉	
	-7772 Sep 02 j 09:01	0°♊	
asc. node	-7772 Sep 06 j 10:44	4°♊42'48	
	-7772 Sep 27 j 17:58	0°♋	
	-7772 Oct 22 j 09:53	0°♌	
	-7772 Nov 15 j 21:33	0°♍	
	-7772 Dec 10 j 10:16	0°♎	
desc. node	-7772 Dec 27 j 21:11	21°♎17'25	
	-7771 Jan 04 j 00:47	0°♏	
	-7771 Jan 28 j 15:36	0°♐	
morning set	-7771 Feb 08 j 22:03	13°♐45'04	
	-7771 Feb 22 j 04:57	0°♑	
max. Earth dist.	-7771 Mar 14 j 09:44	24°♑46'05	1.73688 AU
superior conj	-7771 Mar 17 j 00:47	27°♑59'47	-1°05'40
minimum elong	-7771 Mar 17 j 08:30	28°♑23'33	1°05'56
	-7771 Mar 18 j 15:53	0°♒	
	-7771 Apr 12 j 00:27	0°♓	
asc. node	-7771 Apr 18 j 22:42	8°♓33'11	
evening rise	-7771 Apr 21 j 11:08	11°♓39'48	
	-7771 May 06 j 07:09	0°♈	
	-7771 May 30 j 12:51	0°♉	
	-7771 Jun 23 j 18:53	0°♊	
	-7771 Jul 18 j 03:24	0°♋	
desc. node	-7771 Aug 09 j 08:59	27°♋08'24	
	-7771 Aug 11 j 17:36	0°♌	
	-7771 Sep 05 j 18:40	0°♍	
	-7771 Oct 01 j 18:02	0°♎	
evening max el	-7771 Oct 23 j 02:01	22°♎56'28	46°49'06
	-7771 Oct 30 j 05:04	0°♏	
asc. node	-7771 Nov 29 j 16:52	23°♏03'40	
greatest brilliancy	-7771 Dec 01 j 10:09	23°♏47'43	-4.8m
retrograde	-7771 Dec 12 j 14:55	26°♏09'38	
evening set	-7771 Dec 28 j 20:30	20°♏51'42	
min. Earth dist.	-7770 Jan 02 j 03:37	18°♏10'09	0.28981 AU
inferior conj	-7770 Jan 02 j 20:33	17°♏42'52	6°46'40
minimum elong	-7770 Jan 02 j 12:22	17°♏56'03	6°45'00
morning rise	-7770 Jan 07 j 04:47	14°♏58'52	
direct	-7770 Jan 24 j 06:15	9°♏21'16	
greatest brilliancy	-7770 Feb 02 j 03:31	10°♏48'39	-4.7m
	-7770 Mar 04 j 02:07	0°♐	
morning max el	-7770 Mar 14 j 00:09	9°♐00'36	45°53'30
desc. node	-7770 Mar 22 j 07:48	17°♐06'48	
	-7770 Apr 03 j 19:57	0°♑	
	-7770 May 01 j 00:58	0°♒	
	-7770 May 26 j 18:17	0°♓	
	-7770 Jun 20 j 14:17	0°♈	
asc. node	-7770 Jul 12 j 12:10	27°♈05'13	
	-7770 Jul 14 j 20:13	0°♉	
	-7770 Aug 07 j 17:31	0°♊	
	-7770 Aug 31 j 11:04	0°♋	
morning set	-7770 Sep 09 j 16:28	11°♋40'01	
	-7770 Sep 24 j 05:04	0°♌	
	-7770 Oct 18 j 02:16	0°♍	
superior conj	-7770 Oct 21 j 19:30	4°♍39'00	0°24'56
minimum elong	-7770 Oct 22 j 02:11	4°♍59'54	0°24'55
max. Earth dist.	-7770 Oct 28 j 05:12	12°♍38'52	1.71678 AU
desc. node	-7770 Nov 01 j 20:38	18°♍26'15	
	-7770 Nov 11 j 03:41	0°♎	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening rise	-7770 Dec 02 j 23:36	27°♎02'49	
	-7770 Dec 05 j 08:58	0°♏	
	-7770 Dec 29 j 17:41	0°♐	
	-7769 Jan 23 j 06:27	0°♑	
	-7769 Feb 17 j 01:28	0°♒	
asc. node	-7769 Feb 21 j 23:39	5°♒54'26	
	-7769 Mar 14 j 06:14	0°♓	
	-7769 Apr 09 j 01:53	0°♈	
	-7769 May 05 j 23:10	0°♉	
evening max el	-7769 May 29 j 09:59	24°♉15'27	46°33'11
	-7769 Jun 04 j 10:38	0°♊	
desc. node	-7769 Jun 14 j 13:27	8°♊55'20	
greatest brilliancy	-7769 Jul 09 j 04:03	24°♊09'16	-4.9m
retrograde	-7769 Jul 18 j 10:19	25°♊44'10	
evening set	-7769 Aug 05 j 05:47	19°♊48'11	
inferior conj	-7769 Aug 08 j 03:08	18°♊04'17	-8°58'13
minimum elong	-7769 Aug 08 j 02:00	18°♊06'00	8°57'42
min. Earth dist.	-7769 Aug 07 j 23:34	18°♊09'41	0.26637 AU
morning rise	-7769 Aug 10 j 22:13	16°♊23'51	
direct	-7769 Aug 28 j 12:29	10°♊31'05	
greatest brilliancy	-7769 Sep 07 j 20:24	12°♊32'45	-4.9m
	-7769 Oct 03 j 14:31	0°♋	
asc. node	-7769 Oct 04 j 21:51	1°♋10'28	
morning max el	-7769 Oct 18 j 03:45	14°♋00'45	46°41'00
	-7769 Nov 02 j 05:12	0°♌	
	-7769 Nov 28 j 17:43	0°♍	
	-7769 Dec 24 j 09:55	0°♎	
	-7768 Jan 18 j 18:37	0°♏	
desc. node	-7768 Jan 25 j 10:00	7°♏53'47	
	-7768 Feb 12 j 22:16	0°♐	
	-7768 Mar 08 j 20:18	0°♑	
	-7768 Apr 02 j 12:05	0°♒	
morning set	-7768 Apr 16 j 18:34	17°♒30'34	
	-7768 Apr 26 j 21:43	0°♓	
asc. node	-7768 May 16 j 11:53	24°♓17'12	
max. Earth dist.	-7768 May 17 j 20:17	25°♓58'01	1.72406 AU
	-7768 May 21 j 02:02	0°♈	
superior conj	-7768 May 22 j 10:39	1°♈41'36	0°13'52
minimum elong	-7768 May 22 j 07:57	1°♈33'09	0°13'41
behind sun begin	-7768 May 21 j 20:17	0°♈56'49	
behind sun end	-7768 May 22 j 19:36	2°♈09'30	
	-7768 Jun 14 j 02:18	0°♉	
evening rise	-7768 Jun 27 j 23:36	17°♉24'45	
	-7768 Jul 08 j 00:18	0°♊	
	-7768 Jul 31 j 22:14	0°♋	
	-7768 Aug 24 j 22:27	0°♌	
desc. node	-7768 Sep 05 j 21:01	14°♌50'20	
	-7768 Sep 18 j 03:08	0°♍	
	-7768 Oct 12 j 14:38	0°♎	
	-7768 Nov 06 j 13:17	0°♏	
	-7768 Dec 02 j 09:56	0°♐	
asc. node	-7768 Dec 27 j 03:14	26°♐37'08	
	-7768 Dec 30 j 12:16	0°♑	
evening max el	-7767 Jan 01 j 15:44	2°♑06'20	45°17'28
greatest brilliancy	-7767 Feb 08 j 10:25	29°♑57'48	-4.7m
	-7767 Feb 08 j 12:48	0°♒	
retrograde	-7767 Feb 19 j 02:04	2°♒00'58	
	-7767 Mar 01 j 05:03	30°℞♑	
evening set	-7767 Mar 08 j 05:06	26°♑29'56	
inferior conj	-7767 Mar 12 j 14:02	23°♑48'53	6°58'08
minimum elong	-7767 Mar 12 j 21:45	23°♑36'45	6°56'34
min. Earth dist.	-7767 Mar 13 j 11:43	23°♑14'48	0.29389 AU
morning rise	-7767 Mar 17 j 14:01	20°♑44'18	
direct	-7767 Apr 03 j 12:22	15°♑19'40	
greatest brilliancy	-7767 Apr 14 j 08:23	17°♑24'26	-4.7m
desc. node	-7767 Apr 18 j 18:35	19°♑17'59	
	-7767 May 05 j 03:32	0°♒	
morning max el	-7767 May 22 j 21:08	15°♒44'58	46°11'36
	-7767 Jun 05 j 21:45	0°♓	
	-7767 Jul 02 j 21:21	0°♈	
	-7767 Jul 28 j 04:06	0°♉	
asc. node	-7767 Aug 09 j 00:53	14°♉28'59	
	-7767 Aug 21 j 14:20	0°♊	
	-7767 Sep 14 j 14:45	0°♋	
	-7767 Oct 08 j 12:38	0°♌	
	-7767 Nov 01 j 12:38	0°♍	
	-7767 Nov 25 j 16:36	0°♎	
morning set	-7767 Nov 26 j 04:08	0°♎35'42	
desc. node	-7767 Nov 29 j 09:55	4°♎36'15	
	-7767 Dec 20 j 00:00	0°♏	
superior conj	-7766 Jan 05 j 14:04	20°♏24'29	-1°10'19
minimum elong	-7766 Jan 05 j 05:36	19°♏58'28	1°10'28
max. Earth dist.	-7766 Jan 06 j 23:47	22°♏08'05	1.73357 AU
	-7766 Jan 13 j 09:23	0°♐	
	-7766 Feb 06 j 19:41	0°♑	
evening rise	-7766 Feb 11 j 22:15	6°♑15'54	
greatest brilliancy	-7766 Feb 21 j 11:40	17°♑59'14	-3.9m
	-7766 Mar 03 j 06:59	0°♒	
asc. node	-7766 Mar 21 j 11:59	22°♒15'37	
	-7766 Mar 27 j 20:12	0°♓	
	-7766 Apr 21 j 12:27	0°♈	
	-7766 May 16 j 09:05	0°♉	
	-7766 Jun 10 j 12:52	0°♊	
	-7766 Jul 06 j 06:33	0°♋	
desc. node	-7766 Jul 11 j 23:53	6°♋30'45	
	-7766 Aug 02 j 08:30	0°♌	
evening max el	-7766 Aug 10 j 16:42	8°♌38'52	47°45'08
	-7766 Sep 03 j 02:43	0°♍	
greatest brilliancy	-7766 Sep 21 j 02:02	10°♍39'23	-4.9m
retrograde	-7766 Sep 30 j 20:11	12°♍30'27	
evening set	-7766 Oct 15 j 22:18	7°♍53'47	
min. Earth dist.	-7766 Oct 21 j 00:54	4°♍48'15	0.26955 AU
inferior conj	-7766 Oct 21 j 14:15	4°♍27'17	-2°39'04
minimum elong	-7766 Oct 21 j 19:47	4°♍18'34	2°37'07
morning rise	-7766 Oct 27 j 17:53	0°♍46'09	
	-7766 Oct 29 j 05:07	30°℞♌	
asc. node	-7766 Nov 01 j 08:28	28°♌35'04	
direct	-7766 Nov 10 j 21:46	26°♌40'30	
greatest brilliancy	-7766 Nov 20 j 09:18	28°♌23'08	-4.8m
	-7766 Nov 24 j 08:57	0°♍	
morning max el	-7766 Dec 30 j 08:11	28°♍00'34	46°10'21
	-7765 Jan 01 j 08:57	0°♎	
	-7765 Jan 30 j 00:00	0°♏	
desc. node	-7765 Feb 21 j 22:28	25°♏37'40	
	-7765 Feb 25 j 18:31	0°♐	
	-7765 Mar 23 j 15:05	0°♑	
	-7765 Apr 17 j 20:20	0°♒	
	-7765 May 12 j 13:22	0°♓	
	-7765 Jun 05 j 20:34	0°♈	
asc. node	-7765 Jun 14 j 01:09	10°♈12'30	
morning set	-7765 Jun 24 j 17:14	23°♈33'41	
	-7765 Jun 29 j 20:19	0°♉	
	-7765 Jul 23 j 15:24	0°♊	
superior conj	-7765 Aug 02 j 05:17	12°♊06'22	1°21'54
minimum elong	-7765 Aug 02 j 01:28	11°♊54'18	1°22'21
max. Earth dist.	-7765 Aug 02 j 04:09	12°♊02'45	1.70831 AU
	-7765 Aug 16 j 09:00	0°♋	
	-7765 Sep 09 j 04:03	0°♌	
evening rise	-7765 Sep 12 j 12:07	4°♌11'38	
	-7765 Oct 03 j 02:34	0°♍	
desc. node	-7765 Oct 04 j 09:37	1°♍36'56	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7765 Oct 27 j 05:30	0°♎	
	-7765 Nov 20 j 13:32	0°♏	
	-7765 Dec 15 j 04:40	0°♐	
	-7764 Jan 09 j 07:53	0°♑	
asc. node	-7764 Jan 24 j 14:15	17°♑44'49	
	-7764 Feb 04 j 09:22	0°♒	
	-7764 Mar 03 j 08:38	0°♓	
evening max el	-7764 Mar 13 j 22:28	10°♓22'13	45°06'26
	-7764 Apr 06 j 15:55	0°♈	
greatest brilliancy	-7764 Apr 20 j 23:51	7°♈29'34	-4.7m
retrograde	-7764 May 01 j 05:56	9°♈20'36	
evening set	-7764 May 15 j 19:57	5°♈20'07	
desc. node	-7764 May 16 j 05:10	5°♈08'05	
inferior conj	-7764 May 22 j 07:55	1°♈37'02	-1°26'48
minimum elong	-7764 May 22 j 04:40	1°♈41'54	1°25'53
min. Earth dist.	-7764 May 22 j 23:32	1°♈13'33	0.27695 AU
	-7764 May 25 j 00:54	30°♓	
morning rise	-7764 May 28 j 12:34	28°♓01'57	
direct	-7764 Jun 12 j 16:44	23°♓39'50	
greatest brilliancy	-7764 Jun 24 j 01:47	26°♓01'26	-4.8m
	-7764 Jul 02 j 00:16	0°♈	
morning max el	-7764 Aug 02 j 01:55	26°♈06'19	46°42'00
	-7764 Aug 05 j 21:22	0°♉	
	-7764 Sep 02 j 01:00	0°♊	
asc. node	-7764 Sep 05 j 13:00	4°♊04'04	
	-7764 Sep 27 j 07:50	0°♋	
	-7764 Oct 21 j 22:41	0°♌	
	-7764 Nov 15 j 09:41	0°♍	
	-7764 Dec 09 j 21:55	0°♎	
desc. node	-7764 Dec 26 j 23:14	20°♎48'59	
	-7763 Jan 03 j 12:03	0°♏	
	-7763 Jan 28 j 02:35	0°♐	
morning set	-7763 Feb 06 j 15:24	11°♐38'17	
	-7763 Feb 21 j 15:43	0°♑	
max. Earth dist.	-7763 Mar 12 j 08:53	22°♑56'53	1.73703 AU
superior conj	-7763 Mar 14 j 20:15	25°♑59'16	-1°07'23
minimum elong	-7763 Mar 15 j 03:49	26°♑22'28	1°07'40
	-7763 Mar 18 j 02:35	0°♒	
	-7763 Apr 11 j 11:12	0°♓	
asc. node	-7763 Apr 18 j 00:49	8°♓06'21	
evening rise	-7763 Apr 19 j 06:56	9°♓39'19	
	-7763 May 05 j 18:06	0°♈	
	-7763 May 30 j 00:08	0°♉	
	-7763 Jun 23 j 06:36	0°♊	
	-7763 Jul 17 j 15:41	0°♋	
desc. node	-7763 Aug 08 j 11:15	26°♋36'06	
	-7763 Aug 11 j 06:38	0°♌	
	-7763 Sep 05 j 08:56	0°♍	
	-7763 Oct 01 j 10:51	0°♎	
evening max el	-7763 Oct 20 j 18:24	20°♎41'31	46°52'25
	-7763 Oct 30 j 05:58	0°♏	
asc. node	-7763 Nov 28 j 18:58	21°♏28'08	
greatest brilliancy	-7763 Nov 29 j 04:14	21°♏37'33	-4.8m
retrograde	-7763 Dec 10 j 08:03	23°♏58'26	
evening set	-7763 Dec 26 j 11:03	18°♏44'45	
min. Earth dist.	-7763 Dec 30 j 19:40	16°♏00'49	0.28915 AU
inferior conj	-7763 Dec 31 j 13:26	15°♏32'09	6°36'08
minimum elong	-7763 Dec 31 j 05:03	15°♏45'41	6°34'24
morning rise	-7762 Jan 04 j 23:36	12°♏45'01	
direct	-7762 Jan 21 j 22:32	7°♏11'47	
greatest brilliancy	-7762 Jan 30 j 18:36	8°♏38'12	-4.7m
	-7762 Mar 04 j 04:55	0°♐	
morning max el	-7762 Mar 11 j 15:34	6°♐50'32	45°53'30
desc. node	-7762 Mar 21 j 09:54	16°♐23'37	
	-7762 Apr 03 j 12:35	0°♑	
	-7762 Apr 30 j 14:37	0°♒	
	-7762 May 26 j 06:37	0°♓	
	-7762 Jun 20 j 01:59	0°♈	
asc. node	-7762 Jul 11 j 14:23	26°♈36'33	
greatest brilliancy	-7762 Jul 14 j 01:31	29°♈40'58	-3.9m
	-7762 Jul 14 j 07:37	0°♉	
	-7762 Aug 07 j 04:47	0°♊	
	-7762 Aug 30 j 22:17	0°♋	
morning set	-7762 Sep 07 j 02:30	9°♋04'39	
	-7762 Sep 23 j 16:14	0°♌	
	-7762 Oct 17 j 13:23	0°♍	
superior conj	-7762 Oct 19 j 03:58	2°♍00'40	0°28'43
minimum elong	-7762 Oct 19 j 11:32	2°♍24'22	0°28'40
max. Earth dist.	-7762 Oct 25 j 16:57	10°♍11'06	1.71611 AU
desc. node	-7762 Oct 31 j 22:40	17°♍58'02	
	-7762 Nov 10 j 14:45	0°♎	
evening rise	-7762 Nov 30 j 11:22	24°♎36'41	
	-7762 Dec 04 j 20:01	0°♏	
	-7762 Dec 29 j 04:47	0°♐	
	-7761 Jan 22 j 17:45	0°♑	
	-7761 Feb 16 j 13:11	0°♒	
asc. node	-7761 Feb 21 j 01:56	5°♒25'48	
	-7761 Mar 13 j 18:46	0°♓	
	-7761 Apr 08 j 16:02	0°♈	
	-7761 May 05 j 16:40	0°♉	
evening max el	-7761 May 26 j 21:54	21°♉49'32	46°29'26
	-7761 Jun 04 j 14:20	0°♊	
desc. node	-7761 Jun 13 j 15:34	7°♊46'31	
greatest brilliancy	-7761 Jul 06 j 15:43	21°♊40'28	-4.9m
retrograde	-7761 Jul 15 j 21:19	23°♊15'02	
evening set	-7761 Aug 02 j 15:32	17°♊22'41	
inferior conj	-7761 Aug 05 j 15:07	15°♊35'41	-8°55'58
minimum elong	-7761 Aug 05 j 13:00	15°♊38'53	8°55'25
min. Earth dist.	-7761 Aug 05 j 12:06	15°♊40'14	0.26657 AU
morning rise	-7761 Aug 08 j 10:26	13°♊54'55	
direct	-7761 Aug 26 j 00:23	8°♊01'59	
greatest brilliancy	-7761 Sep 05 j 10:29	10°♊05'08	-4.9m
	-7761 Oct 03 j 20:55	0°♋	
asc. node	-7761 Oct 04 j 00:01	0°♋07'10	
morning max el	-7761 Oct 15 j 15:42	11°♋29'54	46°41'48
	-7761 Nov 01 j 23:38	0°♌	
	-7761 Nov 28 j 08:38	0°♍	
	-7761 Dec 23 j 23:08	0°♎	
	-7760 Jan 18 j 06:50	0°♏	
desc. node	-7760 Jan 24 j 12:17	7°♏24'50	
	-7760 Feb 12 j 09:49	0°♐	
	-7760 Mar 08 j 07:26	0°♑	
	-7760 Apr 01 j 22:57	0°♒	
morning set	-7760 Apr 14 j 13:58	15°♒29'18	
	-7760 Apr 26 j 08:29	0°♓	
max. Earth dist.	-7760 May 15 j 16:28	23°♓57'58	1.72466 AU
asc. node	-7760 May 15 j 14:00	23°♓50'19	
superior conj	-7760 May 20 j 05:04	29°♓35'53	0°10'48
minimum elong	-7760 May 20 j 02:57	29°♓29'18	0°10'38
behind sun begin	-7760 May 19 j 10:04	28°♓36'46	
behind sun end	-7760 May 20 j 19:49	0°♈21'51	
	-7760 May 20 j 12:48	0°♈	
	-7760 Jun 13 j 13:11	0°♉	
evening rise	-7760 Jun 25 j 15:51	15°♉10'52	
	-7760 Jul 07 j 11:21	0°♊	
	-7760 Jul 31 j 09:31	0°♋	
	-7760 Aug 24 j 10:02	0°♌	
desc. node	-7760 Sep 04 j 23:08	14°♌20'23	
	-7760 Sep 17 j 15:06	0°♍	
	-7760 Oct 12 j 03:07	0°♎	
	-7760 Nov 06 j 02:41	0°♏	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7760 Dec 02 j 01:18	0°♐	
asc. node	-7760 Dec 26 j 05:34	25°♐52'34	
	-7760 Dec 30 j 09:33	0°♑	
evening max el	-7760 Dec 30 j 06:37	29°♐52'49	45°19'47
greatest brilliancy	-7759 Feb 06 j 01:59	27°♑50'13	-4.7m
retrograde	-7759 Feb 16 j 19:14	29°♑55'11	
evening set	-7759 Mar 05 j 23:58	24°♑20'05	
inferior conj	-7759 Mar 10 j 06:58	21°♑41'51	7°07'09
minimum elong	-7759 Mar 10 j 14:20	21°♑30'16	7°05'41
min. Earth dist.	-7759 Mar 11 j 03:44	21°♑09'12	0.29425 AU
morning rise	-7759 Mar 15 j 04:21	18°♑41'06	
direct	-7759 Apr 01 j 05:07	13°♑11'53	
greatest brilliancy	-7759 Apr 12 j 00:17	15°♑16'06	-4.7m
desc. node	-7759 Apr 17 j 20:44	17°♑52'10	
	-7759 May 05 j 11:59	0°♒	
morning max el	-7759 May 20 j 14:02	13°♒36'01	46°10'44
	-7759 Jun 05 j 15:37	0°♓	
	-7759 Jul 02 j 11:42	0°♈	
	-7759 Jul 27 j 16:59	0°♉	
asc. node	-7759 Aug 08 j 03:10	13°♉57'44	
	-7759 Aug 21 j 02:28	0°♊	
	-7759 Sep 14 j 02:29	0°♋	
	-7759 Oct 08 j 00:08	0°♌	
	-7759 Oct 31 j 23:59	0°♍	
morning set	-7759 Nov 23 j 15:07	28°♍06'29	
	-7759 Nov 25 j 03:48	0°♎	
desc. node	-7759 Nov 28 j 12:02	4°♎08'12	
	-7759 Dec 19 j 11:04	0°♏	
superior conj	-7758 Jan 03 j 04:44	18°♏08'20	-1°08'32
minimum elong	-7758 Jan 02 j 19:52	17°♏41'03	1°08'40
max. Earth dist.	-7758 Jan 04 j 16:57	19°♏59'38	1.73318 AU
	-7758 Jan 12 j 20:19	0°♐	
	-7758 Feb 06 j 06:36	0°♑	
evening rise	-7758 Feb 09 j 16:00	4°♑09'39	
greatest brilliancy	-7758 Feb 19 j 20:53	16°♑40'18	-3.9m
	-7758 Mar 02 j 18:01	0°♒	
asc. node	-7758 Mar 20 j 14:05	21°♒47'46	
	-7758 Mar 27 j 07:32	0°♓	
	-7758 Apr 21 j 00:17	0°♈	
	-7758 May 15 j 21:41	0°♉	
	-7758 Jun 10 j 02:37	0°♊	
	-7758 Jul 05 j 22:23	0°♋	
desc. node	-7758 Jul 11 j 02:14	5°♋50'53	
	-7758 Aug 02 j 05:04	0°♌	
evening max el	-7758 Aug 08 j 07:46	6°♌17'40	47°44'46
	-7758 Sep 03 j 22:18	0°♍	
greatest brilliancy	-7758 Sep 18 j 16:43	8°♍14'08	-4.9m
retrograde	-7758 Sep 28 j 10:42	10°♍04'52	
evening set	-7758 Oct 13 j 14:09	5°♍25'30	
min. Earth dist.	-7758 Oct 18 j 15:04	2°♍22'36	0.26915 AU
inferior conj	-7758 Oct 19 j 03:59	2°♍02'23	-3°00'59
minimum elong	-7758 Oct 19 j 10:14	1°♍52'35	2°58'48
	-7758 Oct 22 j 11:17	30°℞♌	
morning rise	-7758 Oct 25 j 06:57	28°♌22'53	
asc. node	-7758 Oct 31 j 10:39	25°♌37'51	
direct	-7758 Nov 08 j 11:26	24°♌16'28	
greatest brilliancy	-7758 Nov 17 j 23:16	25°♌59'59	-4.8m
	-7758 Nov 26 j 12:16	0°♍	
morning max el	-7758 Dec 27 j 23:52	25°♍45'27	46°11'16
	-7757 Jan 01 j 06:56	0°♎	
	-7757 Jan 29 j 15:56	0°♏	
desc. node	-7757 Feb 21 j 00:34	25°♏04'23	
	-7757 Feb 25 j 08:03	0°♐	
	-7757 Mar 23 j 03:24	0°♑	
	-7757 Apr 17 j 07:59	0°♒	
	-7757 May 12 j 00:41	0°♓	
	-7757 Jun 05 j 07:43	0°♈	
asc. node	-7757 Jun 13 j 03:21	9°♈44'36	
morning set	-7757 Jun 22 j 08:52	21°♈17'28	
	-7757 Jun 29 j 07:25	0°♉	
	-7757 Jul 23 j 02:32	0°♊	
superior conj	-7757 Jul 30 j 17:55	9°♊39'20	1°21'09
minimum elong	-7757 Jul 30 j 13:17	9°♊24'42	1°21'34
max. Earth dist.	-7757 Jul 30 j 08:43	9°♊10'17	1.70851 AU
	-7757 Aug 15 j 20:11	0°♋	
	-7757 Sep 08 j 15:19	0°♌	
evening rise	-7757 Sep 09 j 20:24	1°♌31'24	
	-7757 Oct 02 j 13:55	0°♍	
desc. node	-7757 Oct 03 j 11:41	1°♍07'56	
	-7757 Oct 26 j 16:57	0°♎	
	-7757 Nov 20 j 01:13	0°♏	
	-7757 Dec 14 j 16:48	0°♐	
	-7756 Jan 08 j 20:54	0°♑	
asc. node	-7756 Jan 23 j 16:30	17°♑11'21	
	-7756 Feb 04 j 00:20	0°♒	
	-7756 Mar 03 j 04:39	0°♓	
evening max el	-7756 Mar 11 j 13:47	8°♓09'39	45°04'59
	-7756 Apr 07 j 18:53	0°♈	
greatest brilliancy	-7756 Apr 18 j 13:25	5°♈13'02	-4.7m
retrograde	-7756 Apr 28 j 19:13	7°♈03'35	
evening set	-7756 May 13 j 10:00	3°♈02'58	
desc. node	-7756 May 15 j 07:22	2°♈01'46	
	-7756 May 18 j 18:54	30°℞♓	
inferior conj	-7756 May 19 j 21:50	29°♓19'29	-1°05'18
minimum elong	-7756 May 19 j 19:23	29°♓23'11	1°04'39
min. Earth dist.	-7756 May 20 j 14:25	28°♓54'30	0.27751 AU
morning rise	-7756 May 26 j 03:55	25°♓41'54	
direct	-7756 Jun 10 j 07:43	21°♓21'13	
greatest brilliancy	-7756 Jun 21 j 16:34	23°♓42'13	-4.8m
	-7756 Jul 03 j 06:47	0°♈	
morning max el	-7756 Jul 30 j 15:26	23°♈42'05	46°41'15
	-7756 Aug 05 j 18:22	0°♉	
	-7756 Sep 01 j 16:53	0°♊	
asc. node	-7756 Sep 04 j 15:03	3°♊24'41	
	-7756 Sep 26 j 21:43	0°♋	
	-7756 Oct 21 j 11:31	0°♌	
	-7756 Nov 14 j 21:52	0°♍	
	-7756 Dec 09 j 09:37	0°♎	
desc. node	-7756 Dec 26 j 01:28	20°♎20'47	
	-7755 Jan 02 j 23:25	0°♏	
	-7755 Jan 27 j 13:43	0°♐	
morning set	-7755 Feb 04 j 08:27	9°♐29'57	
	-7755 Feb 21 j 02:44	0°♑	
max. Earth dist.	-7755 Mar 10 j 05:38	20°♑59'34	1.73719 AU
superior conj	-7755 Mar 12 j 15:26	23°♑57'02	-1°09'01
minimum elong	-7755 Mar 12 j 22:46	24°♑19'34	1°09'20
	-7755 Mar 17 j 13:34	0°♒	
	-7755 Apr 10 j 22:14	0°♓	
evening rise	-7755 Apr 17 j 02:23	7°♓36'57	
asc. node	-7755 Apr 17 j 02:55	7°♓38'38	
	-7755 May 05 j 05:19	0°♈	
	-7755 May 29 j 11:40	0°♉	
	-7755 Jun 22 j 18:36	0°♊	
	-7755 Jul 17 j 04:15	0°♋	
desc. node	-7755 Aug 07 j 13:21	26°♋02'24	
	-7755 Aug 10 j 19:59	0°♌	
	-7755 Sep 04 j 23:34	0°♍	
	-7755 Oct 01 j 04:12	0°♎	
evening max el	-7755 Oct 18 j 09:58	18°♎23'51	46°55'47
	-7755 Oct 30 j 08:23	0°♏	
greatest brilliancy	-7755 Nov 26 j 22:37	19°♏27'17	-4.8m

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

asc. node	-7755 Nov 27 j 21:17	19°♏49'08	
retrograde	-7755 Dec 08 j 00:53	21°♏47'02	
evening set	-7755 Dec 24 j 01:43	16°♏37'23	
min. Earth dist.	-7755 Dec 28 j 12:04	13°♏50'54	0.28850 AU
inferior conj	-7755 Dec 29 j 06:26	13°♏21'13	6°25'00
minimum elong	-7755 Dec 28 j 21:53	13°♏35'03	6°23'10
morning rise	-7754 Jan 02 j 18:36	10°♏30'52	
direct	-7754 Jan 19 j 14:31	5°♏01'59	
greatest brilliancy	-7754 Jan 28 j 10:21	6°♏27'59	-4.7m
	-7754 Mar 04 j 06:35	0°♐	
morning max el	-7754 Mar 09 j 06:25	4°♐38'15	45°53'21
desc. node	-7754 Mar 20 j 12:02	15°♐40'16	
	-7754 Apr 03 j 05:17	0°♑	
	-7754 Apr 30 j 04:32	0°♒	
	-7754 May 25 j 19:17	0°♓	
	-7754 Jun 19 j 13:59	0°♈	
asc. node	-7754 Jul 10 j 16:36	26°♈06'58	
	-7754 Jul 13 j 19:18	0°♉	
greatest brilliancy	-7754 Jul 20 j 12:00	8°♉22'46	-3.9m
	-7754 Aug 06 j 16:19	0°♊	
	-7754 Aug 30 j 09:45	0°♋	
morning set	-7754 Sep 04 j 12:33	6°♋28'26	
	-7754 Sep 23 j 03:39	0°♌	
superior conj	-7754 Oct 16 j 12:30	29°♌21'37	0°32'25
minimum elong	-7754 Oct 16 j 20:55	29°♌47'57	0°32'22
	-7754 Oct 17 j 00:46	0°♍	
max. Earth dist.	-7754 Oct 23 j 01:31	7°♍32'28	1.71543 AU
desc. node	-7754 Oct 31 j 00:48	17°♍29'12	
	-7754 Nov 10 j 02:05	0°♎	
evening rise	-7754 Nov 27 j 23:05	22°♎09'30	
	-7754 Dec 04 j 07:20	0°♏	
	-7754 Dec 28 j 16:09	0°♐	
	-7753 Jan 22 j 05:18	0°♑	
	-7753 Feb 16 j 01:12	0°♒	
asc. node	-7753 Feb 20 j 04:02	4°♒55'44	
	-7753 Mar 13 j 07:44	0°♓	
	-7753 Apr 08 j 06:45	0°♈	
	-7753 May 05 j 11:05	0°♉	
evening max el	-7753 May 24 j 09:37	19°♉21'59	46°25'45
	-7753 Jun 04 j 20:31	0°♊	
desc. node	-7753 Jun 12 j 17:54	6°♊34'45	
greatest brilliancy	-7753 Jul 04 j 02:55	19°♊09'53	-4.9m
retrograde	-7753 Jul 13 j 08:39	20°♊44'53	
evening set	-7753 Jul 31 j 00:37	14°♊56'35	
inferior conj	-7753 Aug 03 j 03:01	13°♊05'52	-8°52'35
minimum elong	-7753 Aug 02 j 23:55	13°♊10'32	8°51'59
min. Earth dist.	-7753 Aug 03 j 00:19	13°♊09'56	0.26674 AU
morning rise	-7753 Aug 05 j 23:08	11°♊24'09	
direct	-7753 Aug 23 j 12:21	5°♊31'36	
greatest brilliancy	-7753 Sep 03 j 00:20	7°♊36'24	-4.9m
asc. node	-7753 Oct 03 j 02:17	29°♊04'46	
	-7753 Oct 04 j 01:41	0°♋	
morning max el	-7753 Oct 13 j 04:18	8°♋59'47	46°42'37
	-7753 Nov 01 j 17:57	0°♌	
	-7753 Nov 27 j 23:39	0°♍	
	-7753 Dec 23 j 12:32	0°♎	
	-7752 Jan 17 j 19:16	0°♏	
desc. node	-7752 Jan 23 j 14:19	6°♏54'24	
	-7752 Feb 11 j 21:37	0°♐	
	-7752 Mar 07 j 18:48	0°♑	
	-7752 Apr 01 j 10:06	0°♒	
morning set	-7752 Apr 12 j 09:25	13°♒27'23	
	-7752 Apr 25 j 19:34	0°♓	
max. Earth dist.	-7752 May 13 j 13:08	21°♓58'24	1.72531 AU
asc. node	-7752 May 14 j 16:14	23°♓22'39	
superior conj	-7752 May 17 j 23:23	27°♓28'51	0°07'43
minimum elong	-7752 May 17 j 21:53	27°♓24'11	0°07'34
behind sun begin	-7752 May 17 j 02:01	26°♓22'22	
behind sun end	-7752 May 18 j 17:45	28°♓26'01	
	-7752 May 19 j 23:57	0°♈	
	-7752 Jun 13 j 00:28	0°♉	
evening rise	-7752 Jun 23 j 08:01	12°♉55'29	
	-7752 Jul 06 j 22:49	0°♊	
	-7752 Jul 30 j 21:11	0°♋	
	-7752 Aug 23 j 21:59	0°♌	
desc. node	-7752 Sep 04 j 01:12	13°♌49'21	
	-7752 Sep 17 j 03:24	0°♍	
	-7752 Oct 11 j 15:57	0°♎	
	-7752 Nov 05 j 16:28	0°♏	
	-7752 Dec 01 j 17:11	0°♐	
asc. node	-7752 Dec 25 j 07:52	25°♐06'33	
evening max el	-7752 Dec 27 j 22:35	27°♐41'16	45°22'17
	-7752 Dec 30 j 07:56	0°♑	
greatest brilliancy	-7751 Feb 03 j 17:38	25°♑42'35	-4.7m
retrograde	-7751 Feb 14 j 12:54	27°♑49'22	
evening set	-7751 Mar 03 j 19:01	22°♑10'33	
inferior conj	-7751 Mar 08 j 00:08	19°♑34'50	7°15'22
minimum elong	-7751 Mar 08 j 07:07	19°♑23'50	7°14'02
min. Earth dist.	-7751 Mar 08 j 19:32	19°♑04'20	0.29457 AU
morning rise	-7751 Mar 12 j 18:59	16°♑37'53	
direct	-7751 Mar 29 j 22:37	11°♑04'24	
greatest brilliancy	-7751 Apr 09 j 15:40	13°♑07'15	-4.7m
desc. node	-7751 Apr 16 j 22:56	16°♑29'06	
	-7751 May 05 j 18:15	0°♒	
morning max el	-7751 May 18 j 07:21	11°♒27'44	46°09'36
	-7751 Jun 05 j 09:22	0°♓	
	-7751 Jul 02 j 02:15	0°♈	
	-7751 Jul 27 j 06:10	0°♉	
asc. node	-7751 Aug 07 j 05:12	13°♉24'38	
	-7751 Aug 20 j 14:57	0°♊	
	-7751 Sep 13 j 14:33	0°♋	
	-7751 Oct 07 j 11:56	0°♌	
	-7751 Oct 31 j 11:35	0°♍	
morning set	-7751 Nov 21 j 02:03	25°♍36'16	
	-7751 Nov 24 j 15:13	0°♎	
desc. node	-7751 Nov 27 j 14:12	3°♎39'38	
	-7751 Dec 18 j 22:20	0°♏	
superior conj	-7751 Dec 31 j 19:21	15°♏51'11	-1°06'39
minimum elong	-7751 Dec 31 j 10:07	15°♏22'48	1°06'44
max. Earth dist.	-7750 Jan 02 j 11:51	17°♏55'44	1.73276 AU
	-7750 Jan 12 j 07:29	0°♐	
	-7750 Feb 05 j 17:44	0°♑	
evening rise	-7750 Feb 07 j 09:57	2°♑03'20	
greatest brilliancy	-7750 Feb 18 j 12:43	15°♑41'02	-3.9m
	-7750 Mar 02 j 05:16	0°♒	
asc. node	-7750 Mar 19 j 16:18	21°♒19'42	
	-7750 Mar 26 j 19:03	0°♓	
	-7750 Apr 20 j 12:19	0°♈	
	-7750 May 15 j 10:30	0°♉	
	-7750 Jun 09 j 16:45	0°♊	
	-7750 Jul 05 j 14:48	0°♋	
desc. node	-7750 Jul 10 j 04:19	5°♋08'50	
	-7750 Aug 02 j 02:47	0°♌	
evening max el	-7750 Aug 05 j 23:26	3°♌56'46	47°44'02
	-7750 Sep 05 j 01:49	0°♍	
greatest brilliancy	-7750 Sep 16 j 07:11	5°♍47'05	-4.9m
retrograde	-7750 Sep 26 j 01:04	7°♍37'13	
evening set	-7750 Oct 11 j 06:00	2°♍55'22	
min. Earth dist.	-7750 Oct 16 j 04:57	29°♌55'17	0.26871 AU
	-7750 Oct 16 j 01:56	30°℞♌	
inferior conj	-7750 Oct 16 j 17:29	29°♌35'41	-3°22'43

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

minimum elong	-7750 Oct 17 j 00:24	29°♌24'51	3°20'23	
morning rise	-7750 Oct 22 j 19:29	25°♌58'04		
asc. node	-7750 Oct 30 j 12:57	22°♌44'22		
direct	-7750 Nov 06 j 01:08	21°♌50'59		
greatest brilliancy	-7750 Nov 15 j 12:44	23°♌34'49	-4.9m	
	-7750 Nov 27 j 22:50	0°♍		
morning max el	-7750 Dec 25 j 14:51	23°♍27'47	46°12'17	
	-7749 Jan 01 j 04:22	0°♎		
	-7749 Jan 29 j 07:45	0°♏		
desc. node	-7749 Feb 20 j 02:38	24°♏30'46		
	-7749 Feb 24 j 21:36	0°♐		
	-7749 Mar 22 j 15:48	0°♑		
	-7749 Apr 16 j 19:43	0°♒		
	-7749 May 11 j 12:03	0°♓		
	-7749 Jun 04 j 18:55	0°♈		
asc. node	-7749 Jun 12 j 05:34	9°♈16'38		
morning set	-7749 Jun 20 j 01:02	19°♈02'47		
	-7749 Jun 28 j 18:35	0°♉		
	-7749 Jul 22 j 13:45	0°♊		
max. Earth dist.	-7749 Jul 27 j 11:44	6°♊12'36	1.70883 AU	
superior conj	-7749 Jul 28 j 06:54	7°♊13'10	1°20'14	
minimum elong	-7749 Jul 28 j 01:32	6°♊56'10	1°20'38	
	-7749 Aug 15 j 07:32	0°♋		
evening rise	-7749 Sep 07 j 04:31	28°♋49'58		
	-7749 Sep 08 j 02:47	0°♌		
	-7749 Oct 02 j 01:29	0°♍		
desc. node	-7749 Oct 02 j 13:53	0°♍38'41		
	-7749 Oct 26 j 04:38	0°♎		
	-7749 Nov 19 j 13:05	0°♏		
	-7749 Dec 14 j 05:06	0°♐		
	-7748 Jan 08 j 10:07	0°♑		
asc. node	-7748 Jan 22 j 18:36	16°♑37'04		
	-7748 Feb 03 j 15:32	0°♒		
	-7748 Mar 03 j 01:18	0°♓		
evening max el	-7748 Mar 09 j 04:35	5°♓55'58	45°03'43	
	-7748 Apr 09 j 08:38	0°♈		
greatest brilliancy	-7748 Apr 16 j 03:53	2°♈58'21	-4.7m	
retrograde	-7748 Apr 26 j 08:39	4°♈48'09		
evening set	-7748 May 11 j 00:38	0°♈46'57		
	-7748 May 12 j 11:44	30°♓		
desc. node	-7748 May 14 j 09:38	28°♓54'52		
inferior conj	-7748 May 17 j 12:13	27°♓03'37	-0°44'06	
minimum elong	-7748 May 17 j 10:33	27°♓06'07	0°43'42	
min. Earth dist.	-7748 May 18 j 06:00	26°♓36'44	0.27807 AU	
morning rise	-7748 May 23 j 19:31	23°♓23'43		
direct	-7748 Jun 07 j 22:28	19°♓04'10		
greatest brilliancy	-7748 Jun 19 j 08:09	21°♓25'10	-4.8m	
	-7748 Jul 04 j 04:32	0°♈		
morning max el	-7748 Jul 28 j 04:27	21°♈17'09	46°40'24	
	-7748 Aug 05 j 14:32	0°♉		
	-7748 Sep 01 j 08:29	0°♊		
asc. node	-7748 Sep 03 j 17:22	2°♊46'32		
	-7748 Sep 26 j 11:30	0°♋		
	-7748 Oct 21 j 00:21	0°♌		
	-7748 Nov 14 j 10:05	0°♍		
	-7748 Dec 08 j 21:23	0°♎		
desc. node	-7748 Dec 25 j 03:31	19°♎51'52		
	-7747 Jan 02 j 10:50	0°♏		
	-7747 Jan 27 j 00:52	0°♐		
morning set	-7747 Feb 02 j 01:13	7°♐20'46		
	-7747 Feb 20 j 13:43	0°♑		
max. Earth dist.	-7747 Mar 08 j 01:25	18°♑59'30	1.73732 AU	
superior conj	-7747 Mar 10 j 10:38	21°♑55'09	-1°10'33	
minimum elong	-7747 Mar 10 j 17:44	22°♑16'56	1°10'54	
	-7747 Mar 17 j 00:29	0°♒		
	-7747 Apr 10 j 09:13	0°♓		
evening rise	-7747 Apr 14 j 22:03	5°♓35'35		
asc. node	-7747 Apr 16 j 05:12	7°♓11'39		
	-7747 May 04 j 16:28	0°♈		
	-7747 May 28 j 23:07	0°♉		
	-7747 Jun 22 j 06:28	0°♊		
	-7747 Jul 16 j 16:41	0°♋		
desc. node	-7747 Aug 06 j 15:29	25°♋29'14		
	-7747 Aug 10 j 09:14	0°♌		
	-7747 Sep 04 j 14:13	0°♍		
	-7747 Sep 30 j 21:51	0°♎		
evening max el	-7747 Oct 16 j 00:37	16°♎03'39	46°58'52	
	-7747 Oct 30 j 12:30	0°♏		
greatest brilliancy	-7747 Nov 24 j 16:49	17°♏15'48	-4.8m	
asc. node	-7747 Nov 26 j 23:33	18°♏05'39		
retrograde	-7747 Dec 05 j 17:30	19°♏34'38		
evening set	-7747 Dec 21 j 16:07	14°♏28'48		
min. Earth dist.	-7747 Dec 26 j 04:25	11°♏39'39	0.28784 AU	
inferior conj	-7747 Dec 26 j 23:11	11°♏09'20	6°13'09	
minimum elong	-7747 Dec 26 j 14:29	11°♏23'23	6°11'13	
morning rise	-7747 Dec 31 j 13:24	8°♏15'48		
direct	-7746 Jan 17 j 05:49	2°♏51'05		
greatest brilliancy	-7746 Jan 26 j 02:18	4°♏17'22	-4.7m	
	-7746 Mar 04 j 07:00	0°♐		
morning max el	-7746 Mar 06 j 21:14	2°♐25'55	45°53'28	
desc. node	-7746 Mar 19 j 14:19	14°♐58'07		
	-7746 Apr 02 j 21:32	0°♑		
	-7746 Apr 29 j 18:09	0°♒		
	-7746 May 25 j 07:40	0°♓		
	-7746 Jun 19 j 01:45	0°♈		
asc. node	-7746 Jul 09 j 18:39	25°♈37'29		
	-7746 Jul 13 j 06:45	0°♉		
greatest brilliancy	-7746 Jul 23 j 03:16	12°♉20'50	-3.9m	
	-7746 Aug 06 j 03:37	0°♊		
	-7746 Aug 29 j 20:58	0°♋		
morning set	-7746 Sep 01 j 23:11	3°♋54'49		
	-7746 Sep 22 j 14:49	0°♌		
superior conj	-7746 Oct 13 j 21:15	26°♌43'52	0°36'02	
minimum elong	-7746 Oct 14 j 06:27	27°♌12'39	0°35'59	
	-7746 Oct 16 j 11:55	0°♍		
max. Earth dist.	-7746 Oct 20 j 08:08	4°♍48'24	1.71484 AU	
desc. node	-7746 Oct 30 j 02:59	17°♍01'17		
	-7746 Nov 09 j 13:14	0°♎		
evening rise	-7746 Nov 25 j 10:33	19°♎42'00		
	-7746 Dec 03 j 18:30	0°♏		
	-7746 Dec 28 j 03:22	0°♐		
	-7745 Jan 21 j 16:43	0°♑		
	-7745 Feb 15 j 13:06	0°♒		
asc. node	-7745 Feb 19 j 06:16	4°♒26'33		
	-7745 Mar 12 j 20:34	0°♓		
	-7745 Apr 07 j 21:24	0°♈		
	-7745 May 05 j 05:38	0°♉		
evening max el	-7745 May 21 j 21:59	16°♉57'16	46°22'13	
	-7745 Jun 05 j 04:31	0°♊		
desc. node	-7745 Jun 11 j 20:01	5°♊21'29		
greatest brilliancy	-7745 Jul 01 j 13:36	16°♊40'09	-4.9m	
retrograde	-7745 Jul 10 j 20:42	18°♊16'22		
evening set	-7745 Jul 28 j 09:25	12°♊32'26		
inferior conj	-7745 Jul 31 j 14:59	10°♊37'26	-8°48'12	
minimum elong	-7745 Jul 31 j 10:57	10°♊43'30	8°47'30	
min. Earth dist.	-7745 Jul 31 j 12:15	10°♊41'32	0.26692 AU	
morning rise	-7745 Aug 03 j 12:25	8°♊54'08		
direct	-7745 Aug 21 j 00:54	3°♊02'43		
greatest brilliancy	-7745 Aug 31 j 13:40	5°♊08'34	-4.9m	
asc. node	-7745 Oct 02 j 04:32	28°♊05'03		
	-7745 Oct 04 j 04:15	0°♋		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

morning max el	-7745 Oct 10 j 17:55	6°♋33'32	46°43'26
	-7745 Nov 01 j 11:25	0°♌	
	-7745 Nov 27 j 14:08	0°♍	
	-7745 Dec 23 j 01:33	0°♎	
	-7744 Jan 17 j 07:23	0°♏	
desc. node	-7744 Jan 22 j 16:25	6°♏24'58	
	-7744 Feb 11 j 09:09	0°♐	
	-7744 Mar 07 j 05:56	0°♑	
	-7744 Mar 31 j 20:59	0°♒	
morning set	-7744 Apr 10 j 04:41	11°♒25'47	
	-7744 Apr 25 j 06:22	0°♓	
max. Earth dist.	-7744 May 11 j 09:31	19°♓59'03	1.72590 AU
asc. node	-7744 May 13 j 18:21	22°♓55'36	
superior conj	-7744 May 15 j 17:39	25°♓22'40	0°04'38
minimum elong	-7744 May 15 j 16:45	25°♓19'52	0°04'29
behind sun begin	-7744 May 14 j 19:13	24°♓12'54	
behind sun end	-7744 May 16 j 14:17	26°♓26'51	
	-7744 May 19 j 10:47	0°♈	
	-7744 Jun 12 j 11:25	0°♉	
evening rise	-7744 Jun 21 j 00:20	10°♉41'38	
	-7744 Jul 06 j 09:58	0°♊	
	-7744 Jul 30 j 08:35	0°♋	
	-7744 Aug 23 j 09:38	0°♌	
desc. node	-7744 Sep 03 j 03:28	13°♌19'50	
	-7744 Sep 16 j 15:24	0°♍	
	-7744 Oct 11 j 04:29	0°♎	
	-7744 Nov 05 j 05:57	0°♏	
	-7744 Dec 01 j 08:54	0°♐	
asc. node	-7744 Dec 24 j 09:57	24°♐20'12	
evening max el	-7744 Dec 25 j 15:04	25°♐31'46	45°24'37
	-7744 Dec 30 j 06:52	0°♑	
greatest brilliancy	-7743 Feb 01 j 09:34	23°♑35'44	-4.7m
retrograde	-7743 Feb 12 j 06:22	25°♑43'36	
evening set	-7743 Mar 01 j 13:49	20°♑01'34	
inferior conj	-7743 Mar 05 j 17:09	17°♑28'03	7°23'06
minimum elong	-7743 Mar 05 j 23:42	17°♑17'43	7°21'52
min. Earth dist.	-7743 Mar 06 j 11:01	16°♑59'53	0.29486 AU
morning rise	-7743 Mar 10 j 09:26	14°♑34'47	
direct	-7743 Mar 27 j 16:12	8°♑57'22	
greatest brilliancy	-7743 Apr 07 j 06:20	10°♑58'00	-4.7m
desc. node	-7743 Apr 16 j 01:09	15°♑09'00	
	-7743 May 05 j 22:19	0°♒	
morning max el	-7743 May 16 j 00:22	9°♒19'34	46°08'32
	-7743 Jun 05 j 02:28	0°♓	
	-7743 Jul 01 j 16:19	0°♈	
	-7743 Jul 26 j 18:54	0°♉	
asc. node	-7743 Aug 06 j 07:27	12°♉53'26	
	-7743 Aug 20 j 03:01	0°♊	
	-7743 Sep 13 j 02:14	0°♋	
	-7743 Oct 06 j 23:22	0°♌	
	-7743 Oct 30 j 22:50	0°♍	
morning set	-7743 Nov 18 j 13:13	23°♍07'42	
	-7743 Nov 24 j 02:17	0°♎	
desc. node	-7743 Nov 26 j 16:15	3°♎11'47	
	-7743 Dec 18 j 09:14	0°♏	
superior conj	-7743 Dec 29 j 09:56	13°♏34'59	-1°04'39
minimum elong	-7743 Dec 29 j 00:25	13°♏05'40	1°04'41
max. Earth dist.	-7743 Dec 31 j 08:51	15°♏59'20	1.73235 AU
	-7742 Jan 11 j 18:17	0°♐	
evening rise	-7742 Feb 05 j 03:50	29°♐57'49	
	-7742 Feb 05 j 04:33	0°♑	
greatest brilliancy	-7742 Feb 17 j 10:44	15°♑01'41	-3.9m
	-7742 Mar 01 j 16:14	0°♒	
asc. node	-7742 Mar 18 j 18:32	20°♒52'30	
	-7742 Mar 26 j 06:20	0°♓	
	-7742 Apr 20 j 00:07	0°♈	
	-7742 May 14 j 23:07	0°♉	
	-7742 Jun 09 j 06:41	0°♊	
	-7742 Jul 05 j 07:08	0°♋	
desc. node	-7742 Jul 09 j 06:28	4°♋27'32	
	-7742 Aug 02 j 00:54	0°♌	
evening max el	-7742 Aug 03 j 14:47	1°♌36'04	47°43'07
	-7742 Sep 06 j 16:06	0°♍	
greatest brilliancy	-7742 Sep 13 j 21:52	3°♍21'08	-4.9m
retrograde	-7742 Sep 23 j 14:59	5°♍10'00	
evening set	-7742 Oct 08 j 21:54	0°♍25'45	
	-7742 Oct 09 j 15:42	30°℞♌	
inferior conj	-7742 Oct 14 j 06:52	27°♌09'33	-3°44'20
minimum elong	-7742 Oct 14 j 14:25	26°♌57'45	3°41'49
min. Earth dist.	-7742 Oct 13 j 18:53	27°♌28'18	0.26830 AU
morning rise	-7742 Oct 20 j 07:38	23°♌33'54	
asc. node	-7742 Oct 29 j 15:11	19°♌57'08	
direct	-7742 Nov 03 j 14:38	19°♌26'08	
greatest brilliancy	-7742 Nov 13 j 02:16	21°♌10'09	-4.9m
	-7742 Nov 28 j 23:07	0°♍	
morning max el	-7742 Dec 23 j 04:49	21°♍08'17	46°13'22
	-7741 Jan 01 j 00:43	0°♎	
	-7741 Jan 28 j 22:59	0°♏	
desc. node	-7741 Feb 19 j 04:55	23°♏58'56	
	-7741 Feb 24 j 10:44	0°♐	
	-7741 Mar 22 j 03:51	0°♑	
	-7741 Apr 16 j 07:12	0°♒	
	-7741 May 10 j 23:13	0°♓	
	-7741 Jun 04 j 05:55	0°♈	
asc. node	-7741 Jun 11 j 07:37	8°♈48'43	
morning set	-7741 Jun 17 j 17:00	16°♈48'10	
	-7741 Jun 28 j 05:32	0°♉	
	-7741 Jul 22 j 00:45	0°♊	
max. Earth dist.	-7741 Jul 24 j 14:40	3°♊15'30	1.70916 AU
superior conj	-7741 Jul 25 j 19:52	4°♊47'43	1°19'11
minimum elong	-7741 Jul 25 j 13:48	4°♊28'34	1°19'33
	-7741 Aug 14 j 18:38	0°♋	
evening rise	-7741 Sep 04 j 12:43	26°♋09'38	
	-7741 Sep 07 j 13:59	0°♌	
desc. node	-7741 Oct 01 j 15:59	0°♍09'56	
	-7741 Oct 01 j 12:48	0°♍	
	-7741 Oct 25 j 16:05	0°♎	
	-7741 Nov 19 j 00:46	0°♏	
	-7741 Dec 13 j 17:13	0°♐	
	-7740 Jan 07 j 23:09	0°♑	
asc. node	-7740 Jan 21 j 20:56	16°♑03'59	
	-7740 Feb 03 j 06:40	0°♒	
	-7740 Mar 02 j 22:23	0°♓	
evening max el	-7740 Mar 06 j 18:29	3°♓40'51	45°02'28
	-7740 Apr 11 j 19:09	0°♈	
greatest brilliancy	-7740 Apr 13 j 17:58	0°♈43'39	-4.7m
retrograde	-7740 Apr 23 j 21:55	2°♈33'12	
	-7740 May 05 j 12:12	30°℞♓	
evening set	-7740 May 08 j 15:16	28°♓30'42	
desc. node	-7740 May 13 j 11:45	25°♓46'15	
inferior conj	-7740 May 15 j 02:28	24°♓47'56	-0°22'52
minimum elong	-7740 May 15 j 01:37	24°♓49'15	0°22'42
min. Earth dist.	-7740 May 15 j 21:39	24°♓18'56	0.27870 AU
morning rise	-7740 May 21 j 10:52	21°♓06'03	
direct	-7740 Jun 05 j 12:53	16°♓46'56	
greatest brilliancy	-7740 Jun 17 j 00:16	19°♓08'53	-4.8m
	-7740 Jul 04 j 20:45	0°♈	
morning max el	-7740 Jul 25 j 17:47	18°♈53'13	46°39'41
	-7740 Aug 05 j 10:05	0°♉	
	-7740 Aug 31 j 23:46	0°♊	
asc. node	-7740 Sep 02 j 19:36	2°♊08'47	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7740 Sep 26 j 01:02	0°♋	
	-7740 Oct 20 j 12:57	0°♌	
	-7740 Nov 13 j 22:06	0°♍	
	-7740 Dec 08 j 08:58	0°♎	
desc. node	-7740 Dec 24 j 05:34	19°♎23'23	
	-7739 Jan 01 j 22:05	0°♏	
	-7739 Jan 26 j 11:53	0°♐	
morning set	-7739 Jan 30 j 17:52	5°♐11'30	
	-7739 Feb 20 j 00:34	0°♑	
max. Earth dist.	-7739 Mar 05 j 21:26	17°♑00'34	1.73744 AU
superior conj	-7739 Mar 08 j 05:54	19°♑53'50	-1°12'01
minimum elong	-7739 Mar 08 j 12:42	20°♑14'44	1°12'22
	-7739 Mar 16 j 11:16	0°♒	
	-7739 Apr 09 j 20:04	0°♓	
evening rise	-7739 Apr 12 j 17:48	3°♓34'55	
asc. node	-7739 Apr 15 j 07:18	6°♓44'29	
	-7739 May 04 j 03:33	0°♈	
	-7739 May 28 j 10:33	0°♉	
	-7739 Jun 21 j 18:22	0°♊	
	-7739 Jul 16 j 05:12	0°♋	
desc. node	-7739 Aug 05 j 17:45	24°♋56'15	
	-7739 Aug 09 j 22:36	0°♌	
	-7739 Sep 04 j 05:03	0°♍	
	-7739 Sep 30 j 15:53	0°♎	
evening max el	-7739 Oct 13 j 15:04	13°♎42'58	47°02'09
	-7739 Oct 30 j 18:30	0°♏	
greatest brilliancy	-7739 Nov 22 j 10:30	15°♏03'31	-4.8m
asc. node	-7739 Nov 26 j 01:41	16°♏18'08	
retrograde	-7739 Dec 03 j 10:19	17°♏22'11	
evening set	-7739 Dec 19 j 06:28	12°♏19'39	
min. Earth dist.	-7739 Dec 23 j 20:35	9°♏28'12	0.28719 AU
inferior conj	-7739 Dec 24 j 15:50	8°♏57'09	6°00'39
minimum elong	-7739 Dec 24 j 07:05	9°♏11'17	5°58'39
morning rise	-7739 Dec 29 j 08:14	6°♏00'31	
direct	-7738 Jan 14 j 21:01	0°♏39'43	
greatest brilliancy	-7738 Jan 23 j 18:10	2°♏06'32	-4.7m
	-7738 Mar 04 j 06:19	0°♐	
morning max el	-7738 Mar 04 j 12:51	0°♐15'28	45°53'42
desc. node	-7738 Mar 18 j 16:25	14°♐16'00	
	-7738 Apr 02 j 13:31	0°♑	
	-7738 Apr 29 j 07:37	0°♒	
	-7738 May 24 j 20:00	0°♓	
	-7738 Jun 18 j 13:31	0°♈	
asc. node	-7738 Jul 08 j 20:53	25°♈08'28	
	-7738 Jul 12 j 18:15	0°♉	
greatest brilliancy	-7738 Jul 24 j 21:35	15°♉13'17	-3.9m
	-7738 Aug 05 j 15:01	0°♊	
	-7738 Aug 29 j 08:19	0°♋	
morning set	-7738 Aug 30 j 09:33	1°♋19'50	
	-7738 Sep 22 j 02:08	0°♌	
superior conj	-7738 Oct 11 j 05:32	24°♌04'02	0°39'37
minimum elong	-7738 Oct 11 j 15:25	24°♌35'02	0°39'33
	-7738 Oct 15 j 23:11	0°♍	
max. Earth dist.	-7738 Oct 17 j 13:23	1°♍59'31	1.71422 AU
desc. node	-7738 Oct 29 j 05:00	16°♍32'28	
	-7738 Nov 09 j 00:29	0°♎	
evening rise	-7738 Nov 22 j 21:37	17°♎13'01	
	-7738 Dec 03 j 05:45	0°♏	
	-7738 Dec 27 j 14:41	0°♐	
	-7737 Jan 21 j 04:16	0°♑	
	-7737 Feb 15 j 01:09	0°♒	
asc. node	-7737 Feb 18 j 08:30	3°♒56'59	
	-7737 Mar 12 j 09:37	0°♓	
	-7737 Apr 07 j 12:20	0°♈	
	-7737 May 05 j 00:46	0°♉	
evening max el	-7737 May 19 j 11:15	14°♉34'44	46°18'41
	-7737 Jun 05 j 15:24	0°♊	
desc. node	-7737 Jun 10 j 22:11	4°♊05'44	
greatest brilliancy	-7737 Jun 28 j 23:38	14°♊09'37	-4.9m
retrograde	-7737 Jul 08 j 09:03	15°♊47'21	
evening set	-7737 Jul 25 j 17:48	10°♊08'18	
inferior conj	-7737 Jul 29 j 02:53	8°♊08'21	-8°42'46
minimum elong	-7737 Jul 28 j 21:58	8°♊15'43	8°41'57
min. Earth dist.	-7737 Jul 28 j 23:53	8°♊12'51	0.26714 AU
morning rise	-7737 Aug 01 j 02:05	6°♊22'43	
direct	-7737 Aug 18 j 13:55	0°♊33'18	
greatest brilliancy	-7737 Aug 29 j 02:28	2°♊39'21	-4.9m
asc. node	-7737 Oct 01 j 06:42	27°♊05'30	
	-7737 Oct 04 j 05:49	0°♋	
morning max el	-7737 Oct 08 j 07:58	4°♋07'29	46°44'03
	-7737 Nov 01 j 04:53	0°♌	
	-7737 Nov 27 j 04:46	0°♍	
	-7737 Dec 22 j 14:43	0°♎	
	-7736 Jan 16 j 19:40	0°♏	
desc. node	-7736 Jan 21 j 18:39	5°♏55'25	
	-7736 Feb 10 j 20:50	0°♐	
	-7736 Mar 06 j 17:14	0°♑	
	-7736 Mar 31 j 08:05	0°♒	
morning set	-7736 Apr 08 j 00:06	9°♒24'05	
	-7736 Apr 24 j 17:23	0°♓	
max. Earth dist.	-7736 May 09 j 04:28	17°♓54'37	1.72645 AU
asc. node	-7736 May 12 j 20:27	22°♓27'51	
superior conj	-7736 May 13 j 12:12	23°♓16'47	0°01'33
minimum elong	-7736 May 13 j 11:55	23°♓15'55	0°01'25
behind sun begin	-7736 May 12 j 13:47	22°♓07'09	
behind sun end	-7736 May 14 j 10:03	24°♓24'43	
	-7736 May 18 j 21:50	0°♈	
	-7736 Jun 11 j 22:35	0°♉	
evening rise	-7736 Jun 18 j 17:01	8°♉28'26	
	-7736 Jul 05 j 21:19	0°♊	
	-7736 Jul 29 j 20:11	0°♋	
	-7736 Aug 22 j 21:34	0°♌	
desc. node	-7736 Sep 02 j 05:33	12°♌48'54	
	-7736 Sep 16 j 03:45	0°♍	
	-7736 Oct 10 j 17:24	0°♎	
	-7736 Nov 04 j 19:56	0°♏	
	-7736 Dec 01 j 01:16	0°♐	
evening max el	-7736 Dec 23 j 07:32	23°♐21'07	45°27'11
asc. node	-7736 Dec 23 j 12:18	23°♐32'46	
	-7736 Dec 30 j 07:18	0°♑	
greatest brilliancy	-7735 Jan 30 j 02:15	21°♑28'57	-4.7m
retrograde	-7735 Feb 09 j 23:35	23°♑37'04	
evening set	-7735 Feb 27 j 08:40	17°♑52'11	
inferior conj	-7735 Mar 03 j 10:17	15°♑20'42	7°30'18
minimum elong	-7735 Mar 03 j 16:22	15°♑11'04	7°29'10
min. Earth dist.	-7735 Mar 04 j 02:45	14°♑54'40	0.29509 AU
morning rise	-7735 Mar 07 j 23:58	12°♑30'52	
direct	-7735 Mar 25 j 09:41	6°♑49'52	
greatest brilliancy	-7735 Apr 04 j 20:53	8°♑47'53	-4.7m
desc. node	-7735 Apr 15 j 03:17	13°♑50'27	
	-7735 May 06 j 01:07	0°♒	
morning max el	-7735 May 13 j 16:47	7°♒09'16	46°07'28
	-7735 Jun 04 j 19:32	0°♓	
	-7735 Jul 01 j 06:30	0°♈	
	-7735 Jul 26 j 07:49	0°♉	
asc. node	-7735 Aug 05 j 09:40	12°♉21'26	
	-7735 Aug 19 j 15:16	0°♊	
	-7735 Sep 12 j 14:08	0°♋	
	-7735 Oct 06 j 11:04	0°♌	
	-7735 Oct 30 j 10:23	0°♍	
morning set	-7735 Nov 16 j 00:02	20°♍36'59	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7735 Nov 23 j 13:41	0°♎	
desc. node	-7735 Nov 25 j 18:21	2°♎43'02	
	-7735 Dec 17 j 20:29	0°♏	
superior conj	-7735 Dec 26 j 23:58	11°♏15'53	-1°02'30
minimum elong	-7735 Dec 26 j 14:12	10°♏45'50	1°02'30
max. Earth dist.	-7735 Dec 29 j 05:35	14°♏00'55	1.73188 AU
	-7734 Jan 11 j 05:26	0°♐	
evening rise	-7734 Feb 02 j 21:16	27°♐49'51	
	-7734 Feb 04 j 15:41	0°♑	
greatest brilliancy	-7734 Feb 16 j 10:19	14°♑26'08	-3.9m
	-7734 Mar 01 j 03:31	0°♒	
asc. node	-7734 Mar 17 j 20:37	20°♒23'55	
	-7734 Mar 25 j 17:57	0°♓	
	-7734 Apr 19 j 12:17	0°♈	
	-7734 May 14 j 12:09	0°♉	
	-7734 Jun 08 j 21:06	0°♊	
	-7734 Jul 05 j 00:05	0°♋	
desc. node	-7734 Jul 08 j 08:49	3°♋45'25	
evening max el	-7734 Aug 01 j 05:22	29°♋12'39	47°42'03
	-7734 Aug 02 j 00:12	0°♌	
	-7734 Sep 09 j 04:37	0°♍	
greatest brilliancy	-7734 Sep 11 j 13:01	0°♍55'10	-4.9m
retrograde	-7734 Sep 21 j 04:27	2°♍42'08	
	-7734 Oct 02 j 14:18	30°℞♌	
evening set	-7734 Oct 06 j 13:59	27°♌55'25	
inferior conj	-7734 Oct 11 j 20:19	24°♌42'58	-4°05'29
minimum elong	-7734 Oct 12 j 04:27	24°♌30'16	4°02'49
min. Earth dist.	-7734 Oct 11 j 09:10	25°♌00'27	0.26792 AU
morning rise	-7734 Oct 17 j 19:34	21°♌09'21	
asc. node	-7734 Oct 28 j 17:20	17°♌15'15	
direct	-7734 Nov 01 j 03:37	17°♌00'39	
greatest brilliancy	-7734 Nov 10 j 16:20	18°♌45'13	-4.9m
	-7734 Nov 29 j 17:26	0°♍	
morning max el	-7734 Dec 20 j 18:10	18°♍45'56	46°14'22
	-7734 Dec 31 j 20:51	0°♎	
	-7733 Jan 28 j 14:26	0°♏	
desc. node	-7733 Feb 18 j 06:58	23°♏25'23	
	-7733 Feb 24 j 00:09	0°♐	
	-7733 Mar 21 j 16:11	0°♑	
	-7733 Apr 15 j 18:56	0°♒	
	-7733 May 10 j 10:38	0°♓	
	-7733 Jun 03 j 17:11	0°♈	
asc. node	-7733 Jun 10 j 09:48	8°♈20'23	
morning set	-7733 Jun 15 j 09:06	14°♈33'07	
	-7733 Jun 27 j 16:47	0°♉	
	-7733 Jul 21 j 12:04	0°♊	
max. Earth dist.	-7733 Jul 21 j 19:07	0°♊22'15	1.70953 AU
superior conj	-7733 Jul 23 j 09:10	2°♊22'24	1°18'00
minimum elong	-7733 Jul 23 j 02:28	2°♊01'14	1°18'18
	-7733 Aug 14 j 06:02	0°♋	
evening rise	-7733 Sep 01 j 21:26	23°♋30'03	
	-7733 Sep 07 j 01:28	0°♌	
desc. node	-7733 Sep 30 j 18:04	29°♌40'22	
	-7733 Oct 01 j 00:21	0°♍	
	-7733 Oct 25 j 03:46	0°♎	
	-7733 Nov 18 j 12:41	0°♏	
	-7733 Dec 13 j 05:38	0°♐	
	-7732 Jan 07 j 12:35	0°♑	
asc. node	-7732 Jan 20 j 23:08	15°♑29'26	
	-7732 Feb 02 j 22:21	0°♒	
	-7732 Mar 02 j 20:37	0°♓	
evening max el	-7732 Mar 04 j 08:24	1°♓25'04	45°01'30
greatest brilliancy	-7732 Apr 11 j 07:46	28°♓28'19	-4.7m
	-7732 Apr 17 j 10:10	0°♈	
retrograde	-7732 Apr 21 j 11:51	0°♈18'26	
	-7732 Apr 25 j 11:52	30°℞♓	
evening set	-7732 May 06 j 06:16	26°♓14'06	
inferior conj	-7732 May 12 j 16:57	22°♓32'11	-0°01'46
minimum elong	-7732 May 12 j 16:53	22°♓32'18	0°01'52
transit middle	-7732 May 12 j 16:53	22°♓32'18	0°01'52
transit begin	-7732 May 12 j 12:47	22°♓38'29	
transit end	-7732 May 12 j 20:58	22°♓26'07	
desc. node	-7732 May 12 j 13:57	22°♓36'43	
min. Earth dist.	-7732 May 13 j 13:18	22°♓01'25	0.27935 AU
morning rise	-7732 May 19 j 02:19	18°♓48'48	
direct	-7732 Jun 03 j 03:36	14°♓29'35	
greatest brilliancy	-7732 Jun 14 j 16:36	16°♓52'49	-4.8m
	-7732 Jul 05 j 09:09	0°♈	
morning max el	-7732 Jul 23 j 08:18	16°♈31'51	46°38'51
	-7732 Aug 05 j 05:21	0°♉	
	-7732 Aug 31 j 15:07	0°♊	
asc. node	-7732 Sep 01 j 21:38	1°♊29'59	
	-7732 Sep 25 j 14:43	0°♋	
	-7732 Oct 20 j 01:42	0°♌	
	-7732 Nov 13 j 10:15	0°♍	
	-7732 Dec 07 j 20:41	0°♎	
desc. node	-7732 Dec 23 j 07:48	18°♎55'00	
	-7731 Jan 01 j 09:30	0°♏	
	-7731 Jan 25 j 23:04	0°♐	
morning set	-7731 Jan 28 j 10:26	3°♐01'22	
	-7731 Feb 19 j 11:37	0°♑	
max. Earth dist.	-7731 Mar 03 j 18:21	15°♑03'41	1.73757 AU
superior conj	-7731 Mar 06 j 01:04	17°♑51'37	-1°13'22
minimum elong	-7731 Mar 06 j 07:33	18°♑11'30	1°13'45
	-7731 Mar 15 j 22:16	0°♒	
	-7731 Apr 09 j 07:08	0°♓	
evening rise	-7731 Apr 10 j 13:29	1°♓33'31	
asc. node	-7731 Apr 14 j 09:25	6°♓16'47	
	-7731 May 03 j 14:49	0°♈	
	-7731 May 27 j 22:11	0°♉	
	-7731 Jun 21 j 06:28	0°♊	
	-7731 Jul 15 j 17:55	0°♋	
desc. node	-7731 Aug 04 j 19:50	24°♋21'56	
	-7731 Aug 09 j 12:15	0°♌	
	-7731 Sep 03 j 20:15	0°♍	
	-7731 Sep 30 j 10:31	0°♎	
evening max el	-7731 Oct 11 j 06:37	11°♎24'40	47°05'28
	-7731 Oct 31 j 03:01	0°♏	
greatest brilliancy	-7731 Nov 20 j 03:45	12°♏50'23	-4.8m
asc. node	-7731 Nov 25 j 03:59	14°♏26'32	
retrograde	-7731 Dec 01 j 03:40	15°♏09'33	
evening set	-7731 Dec 16 j 20:57	10°♏10'09	
min. Earth dist.	-7731 Dec 21 j 12:31	7°♏16'56	0.28650 AU
inferior conj	-7731 Dec 22 j 08:31	6°♏44'45	5°47'32
minimum elong	-7731 Dec 21 j 23:45	6°♏58'53	5°45'29
morning rise	-7731 Dec 27 j 03:07	3°♏45'11	
	-7730 Jan 03 j 20:32	30°℞♎	
direct	-7730 Jan 12 j 12:34	28°♎28'15	
greatest brilliancy	-7730 Jan 21 j 09:35	29°♎55'17	-4.7m
	-7730 Jan 21 j 15:32	0°♏	
morning max el	-7730 Mar 02 j 05:24	28°♏07'13	45°53'51
	-7730 Mar 04 j 04:42	0°♐	
desc. node	-7730 Mar 17 j 18:34	13°♐34'23	
	-7730 Apr 02 j 05:18	0°♑	
	-7730 Apr 28 j 21:05	0°♒	
	-7730 May 24 j 08:22	0°♓	
	-7730 Jun 18 j 01:20	0°♈	
asc. node	-7730 Jul 07 j 23:04	24°♈39'13	
	-7730 Jul 12 j 05:47	0°♉	
greatest brilliancy	-7730 Jul 26 j 00:26	17°♉17'16	-3.9m
	-7730 Aug 05 j 02:25	0°♊	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

morning set	-7730 Aug 27 j 20:03	28°♊45'18	
	-7730 Aug 28 j 19:40	0°♋	
	-7730 Sep 21 j 13:28	0°♌	
superior conj	-7730 Oct 08 j 13:45	21°♌23'42	0°43'07
minimum elong	-7730 Oct 09 j 00:14	21°♌56'37	0°43'03
max. Earth dist.	-7730 Oct 14 j 19:12	29°♌12'04	1.71365 AU
	-7730 Oct 15 j 10:31	0°♍	
desc. node	-7730 Oct 28 j 07:09	16°♍03'53	
	-7730 Nov 08 j 11:47	0°♎	
evening rise	-7730 Nov 20 j 08:33	14°♎43'20	
	-7730 Dec 02 j 17:01	0°♏	
	-7730 Dec 27 j 02:00	0°♐	
	-7729 Jan 20 j 15:48	0°♑	
	-7729 Feb 14 j 13:12	0°♒	
asc. node	-7729 Feb 17 j 10:36	3°♒27'00	
	-7729 Mar 11 j 22:42	0°♓	
	-7729 Apr 07 j 03:27	0°♈	
	-7729 May 04 j 20:28	0°♉	
evening max el	-7729 May 17 j 01:29	12°♉14'46	46°15'06
	-7729 Jun 06 j 05:49	0°♊	
desc. node	-7729 Jun 10 j 00:30	2°♊47'50	
greatest brilliancy	-7729 Jun 26 j 09:47	11°♊39'35	-4.9m
retrograde	-7729 Jul 05 j 21:21	13°♊18'25	
evening set	-7729 Jul 23 j 01:56	7°♊45'05	
inferior conj	-7729 Jul 26 j 14:48	5°♊39'38	-8°36'14
minimum elong	-7729 Jul 26 j 09:03	5°♊48'14	8°35'18
min. Earth dist.	-7729 Jul 26 j 11:32	5°♊44'31	0.26733 AU
morning rise	-7729 Jul 29 j 16:08	3°♊50'57	
	-7729 Aug 06 j 09:36	30°℞♉	
direct	-7729 Aug 16 j 03:07	28°♉04'30	
	-7729 Aug 26 j 04:16	0°♊	
greatest brilliancy	-7729 Aug 26 j 14:58	0°♊10'01	-4.9m
asc. node	-7729 Sep 30 j 08:58	26°♊07'44	
	-7729 Oct 04 j 06:04	0°♋	
morning max el	-7729 Oct 05 j 21:34	1°♋40'33	46°44'30
	-7729 Oct 31 j 21:56	0°♌	
	-7729 Nov 26 j 19:11	0°♍	
	-7729 Dec 22 j 03:45	0°♎	
	-7728 Jan 16 j 07:48	0°♏	
desc. node	-7728 Jan 20 j 20:40	5°♏25'30	
	-7728 Feb 10 j 08:22	0°♐	
	-7728 Mar 06 j 04:23	0°♑	
	-7728 Mar 30 j 19:01	0°♒	
morning set	-7728 Apr 05 j 19:41	7°♒23'26	
	-7728 Apr 24 j 04:15	0°♓	
max. Earth dist.	-7728 May 06 j 22:06	15°♓46'41	1.72705 AU
superior conj	-7728 May 11 j 06:56	21°♓12'00	-0°01'33
minimum elong	-7728 May 11 j 07:15	21°♓13'00	0°01'40
behind sun begin	-7728 May 10 j 09:12	20°♓04'30	
behind sun end	-7728 May 12 j 05:18	22°♓21'30	
asc. node	-7728 May 11 j 22:42	22°♓01'01	
	-7728 May 18 j 08:45	0°♈	
	-7728 Jun 11 j 09:39	0°♉	
evening rise	-7728 Jun 16 j 09:50	6°♉15'57	
	-7728 Jul 05 j 08:34	0°♊	
	-7728 Jul 29 j 07:41	0°♋	
	-7728 Aug 22 j 09:23	0°♌	
desc. node	-7728 Sep 01 j 07:39	12°♌18'24	
	-7728 Sep 15 j 15:58	0°♍	
	-7728 Oct 10 j 06:13	0°♎	
	-7728 Nov 04 j 09:51	0°♏	
	-7728 Nov 30 j 17:46	0°♐	
evening max el	-7728 Dec 20 j 23:38	21°♐09'46	45°29'46
asc. node	-7728 Dec 22 j 14:32	22°♐44'42	
	-7728 Dec 30 j 08:46	0°♑	
greatest brilliancy	-7727 Jan 27 j 19:34	19°♑23'23	-4.7m
retrograde	-7727 Feb 07 j 16:25	21°♑31'19	
evening set	-7727 Feb 25 j 03:27	15°♑43'58	
inferior conj	-7727 Mar 01 j 03:32	13°♑14'23	7°36'47
minimum elong	-7727 Mar 01 j 09:07	13°♑05'31	7°35'45
min. Earth dist.	-7727 Mar 01 j 18:54	12°♑50'01	0.29527 AU
morning rise	-7727 Mar 05 j 14:42	10°♑27'48	
direct	-7727 Mar 23 j 02:51	4°♑43'28	
greatest brilliancy	-7727 Apr 02 j 11:52	6°♑39'13	-4.7m
desc. node	-7727 Apr 14 j 05:30	12°♑35'16	
	-7727 May 06 j 02:09	0°♒	
morning max el	-7727 May 11 j 08:20	4°♒57'48	46°06'25
	-7727 Jun 04 j 11:59	0°♓	
	-7727 Jun 30 j 20:21	0°♈	
	-7727 Jul 25 j 20:30	0°♉	
asc. node	-7727 Aug 04 j 11:43	11°♉49'32	
	-7727 Aug 19 j 03:20	0°♊	
	-7727 Sep 12 j 01:51	0°♋	
	-7727 Oct 05 j 22:34	0°♌	
	-7727 Oct 29 j 21:42	0°♍	
morning set	-7727 Nov 13 j 10:33	18°♍05'51	
	-7727 Nov 23 j 00:51	0°♎	
desc. node	-7727 Nov 24 j 20:31	2°♎15'15	
	-7727 Dec 17 j 07:31	0°♏	
superior conj	-7727 Dec 24 j 13:42	8°♏56'31	-1°00'13
minimum elong	-7727 Dec 24 j 03:47	8°♏26'01	1°00'11
max. Earth dist.	-7727 Dec 27 j 01:21	12°♏00'09	1.73139 AU
	-7726 Jan 10 j 16:23	0°♐	
evening rise	-7726 Jan 31 j 14:31	25°♐41'56	
	-7726 Feb 04 j 02:38	0°♑	
greatest brilliancy	-7726 Feb 15 j 20:09	14°♑22'39	-3.9m
	-7726 Feb 28 j 14:35	0°♒	
asc. node	-7726 Mar 16 j 22:49	19°♒56'27	
	-7726 Mar 25 j 05:19	0°♓	
	-7726 Apr 19 j 00:10	0°♈	
	-7726 May 14 j 00:56	0°♉	
	-7726 Jun 08 j 11:21	0°♊	
	-7726 Jul 04 j 17:05	0°♋	
desc. node	-7726 Jul 07 j 10:52	3°♋02'39	
evening max el	-7726 Jul 29 j 18:52	26°♋46'53	47°40'40
	-7726 Aug 02 j 00:21	0°♌	
greatest brilliancy	-7726 Sep 09 j 04:28	28°♌29'15	-4.9m
	-7726 Sep 15 j 07:40	0°♍	
retrograde	-7726 Sep 18 j 17:19	0°♍13'56	
	-7726 Sep 22 j 01:38	30°℞♌	
evening set	-7726 Oct 04 j 05:55	25°♌24'22	
inferior conj	-7726 Oct 09 j 09:33	22°♌16'09	-4°26'16
minimum elong	-7726 Oct 09 j 18:12	22°♌02'38	4°23'31
min. Earth dist.	-7726 Oct 08 j 23:33	22°♌31'49	0.26757 AU
morning rise	-7726 Oct 15 j 07:01	18°♌44'51	
asc. node	-7726 Oct 27 j 19:39	14°♌38'51	
direct	-7726 Oct 29 j 15:56	14°♌34'39	
greatest brilliancy	-7726 Nov 08 j 06:41	16°♌20'36	-4.9m
	-7726 Nov 30 j 07:00	0°♍	
morning max el	-7726 Dec 18 j 07:05	16°♍22'52	46°15'30
	-7726 Dec 31 j 16:08	0°♎	
	-7725 Jan 28 j 05:22	0°♏	
desc. node	-7725 Feb 17 j 09:05	22°♏53'00	
	-7725 Feb 23 j 13:11	0°♐	
	-7725 Mar 21 j 04:13	0°♑	
	-7725 Apr 15 j 06:22	0°♒	
	-7725 May 09 j 21:43	0°♓	
	-7725 Jun 03 j 04:07	0°♈	
asc. node	-7725 Jun 09 j 11:59	7°♈53'07	
morning set	-7725 Jun 13 j 01:42	12°♈20'47	
	-7725 Jun 27 j 03:41	0°♉	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

max. Earth dist.	-7725 Jul 19 j 03:51	27°♉43'38	1.70997 AU	
superior conj	-7725 Jul 20 j 22:49	29°♉59'17	1°16'39	
minimum elong	-7725 Jul 20 j 15:32	29°♉36'18	1°16'56	
	-7725 Jul 20 j 23:03	0°♊		
	-7725 Aug 13 j 17:08	0°♋		
evening rise	-7725 Aug 30 j 06:20	20°♋51'51		
	-7725 Sep 06 j 12:42	0°♌		
desc. node	-7725 Sep 29 j 20:15	29°♌11'49		
	-7725 Sep 30 j 11:42	0°♍		
	-7725 Oct 24 j 15:15	0°♎		
	-7725 Nov 18 j 00:26	0°♏		
	-7725 Dec 12 j 17:53	0°♐		
	-7724 Jan 07 j 01:51	0°♑		
asc. node	-7724 Jan 20 j 01:14	14°♑55'04		
	-7724 Feb 02 j 14:01	0°♒		
evening max el	-7724 Mar 01 j 22:49	29°♒11'20	45°00'42	
	-7724 Mar 02 j 19:28	0°♓		
greatest brilliancy	-7724 Apr 08 j 21:04	26°♓13'29	-4.7m	
retrograde	-7724 Apr 19 j 02:22	28°♓04'46		
evening set	-7724 May 03 j 21:30	23°♓58'25		
inferior conj	-7724 May 10 j 07:25	20°♓17'26	0°19'16	
minimum elong	-7724 May 10 j 08:08	20°♓16'22	0°18'54	
min. Earth dist.	-7724 May 11 j 04:40	19°♓45'21	0.27997 AU	
desc. node	-7724 May 11 j 16:12	19°♓27'56		
morning rise	-7724 May 16 j 17:37	16°♓33'00		
direct	-7724 May 31 j 18:46	12°♓13'22		
greatest brilliancy	-7724 Jun 12 j 08:29	14°♓37'35	-4.8m	
	-7724 Jul 05 j 17:53	0°♈		
morning max el	-7724 Jul 20 j 23:36	14°♈13'56	46°38'05	
	-7724 Aug 04 j 23:41	0°♉		
	-7724 Aug 31 j 05:53	0°♊		
asc. node	-7724 Aug 31 j 23:57	0°♊53'24		
	-7724 Sep 25 j 03:58	0°♋		
	-7724 Oct 19 j 14:08	0°♌		
	-7724 Nov 12 j 22:09	0°♍		
	-7724 Dec 07 j 08:12	0°♎		
desc. node	-7724 Dec 22 j 09:49	18°♎26'33		
	-7724 Dec 31 j 20:42	0°♏		
	-7723 Jan 25 j 10:01	0°♐		
morning set	-7723 Jan 26 j 02:25	0°♐50'07		
	-7723 Feb 18 j 22:25	0°♑		
max. Earth dist.	-7723 Mar 01 j 16:49	13°♑12'19	1.73769 AU	
superior conj	-7723 Mar 03 j 19:53	15°♑48'59	-1°14'38	
minimum elong	-7723 Mar 04 j 02:00	16°♑07'48	1°15'03	
	-7723 Mar 15 j 09:01	0°♒		
evening rise	-7723 Apr 08 j 09:05	29°♒32'34		
	-7723 Apr 08 j 17:59	0°♓		
asc. node	-7723 Apr 13 j 11:39	5°♓50'08		
	-7723 May 03 j 01:54	0°♈		
	-7723 May 27 j 09:36	0°♉		
	-7723 Jun 20 j 18:20	0°♊		
	-7723 Jul 15 j 06:23	0°♋		
desc. node	-7723 Aug 03 j 21:59	23°♋48'48		
	-7723 Aug 09 j 01:38	0°♌		
	-7723 Sep 03 j 11:16	0°♍		
	-7723 Sep 30 j 05:19	0°♎		
evening max el	-7723 Oct 08 j 23:02	9°♎09'15	47°08'30	
	-7723 Oct 31 j 14:19	0°♏		
greatest brilliancy	-7723 Nov 17 j 20:35	10°♏36'38	-4.8m	
asc. node	-7723 Nov 24 j 06:14	12°♏30'25		
retrograde	-7723 Nov 28 j 21:07	12°♏56'18		
evening set	-7723 Dec 14 j 11:17	8°♏00'04		
min. Earth dist.	-7723 Dec 19 j 04:04	5°♏05'16	0.28582 AU	
inferior conj	-7723 Dec 20 j 00:57	4°♏31'42	5°33'41	
minimum elong	-7723 Dec 19 j 16:13	4°♏45'46	5°31'35	
morning rise	-7723 Dec 24 j 21:49	1°♏29'12		
	-7723 Dec 27 j 13:35	30°℞♎		
direct	-7722 Jan 10 j 04:20	26°♎16'17		
greatest brilliancy	-7722 Jan 19 j 00:28	27°♎43'05	-4.7m	
	-7722 Jan 24 j 18:30	0°♏		
morning max el	-7722 Feb 27 j 22:14	25°♏59'54	45°53'59	
	-7722 Mar 04 j 02:09	0°♐		
desc. node	-7722 Mar 16 j 20:50	12°♐53'53		
	-7722 Apr 01 j 20:42	0°♑		
	-7722 Apr 28 j 10:17	0°♒		
	-7722 May 23 j 20:31	0°♓		
	-7722 Jun 17 j 12:58	0°♈		
asc. node	-7722 Jul 07 j 01:05	24°♈09'55		
	-7722 Jul 11 j 17:09	0°♉		
greatest brilliancy	-7722 Jul 26 j 20:18	18°♉59'56	-3.9m	
	-7722 Aug 04 j 13:38	0°♊		
morning set	-7722 Aug 25 j 07:09	26°♊13'23		
	-7722 Aug 28 j 06:47	0°♋		
	-7722 Sep 21 j 00:34	0°♌		
superior conj	-7722 Oct 05 j 22:24	18°♌45'26	0°46'28	
minimum elong	-7722 Oct 06 j 09:23	19°♌19'53	0°46'25	
max. Earth dist.	-7722 Oct 12 j 04:55	26°♌37'25	1.71311 AU	
	-7722 Oct 14 j 21:36	0°♍		
desc. node	-7722 Oct 27 j 09:18	15°♍36'05		
	-7722 Nov 07 j 22:53	0°♎		
evening rise	-7722 Nov 17 j 19:26	12°♎14'01		
	-7722 Dec 02 j 04:08	0°♏		
	-7722 Dec 26 j 13:13	0°♐		
	-7721 Jan 20 j 03:16	0°♑		
	-7721 Feb 14 j 01:15	0°♒		
asc. node	-7721 Feb 16 j 12:51	2°♒57'40		
	-7721 Mar 11 j 11:50	0°♓		
	-7721 Apr 06 j 18:43	0°♈		
	-7721 May 04 j 16:41	0°♉		
evening max el	-7721 May 14 j 15:35	9°♉54'40	46°11'26	
	-7721 Jun 07 j 00:53	0°♊		
desc. node	-7721 Jun 09 j 02:36	1°♊27'02		
greatest brilliancy	-7721 Jun 23 j 20:26	9°♊10'25	-4.8m	
retrograde	-7721 Jul 03 j 09:06	10°♊49'32		
evening set	-7721 Jul 20 j 09:49	5°♊22'35		
inferior conj	-7721 Jul 24 j 02:40	3°♊11'15	-8°28'43	
minimum elong	-7721 Jul 23 j 20:08	3°♊21'05	8°27'40	
min. Earth dist.	-7721 Jul 23 j 23:31	3°♊15'59	0.26749 AU	
morning rise	-7721 Jul 27 j 06:24	1°♊19'00		
	-7721 Jul 29 j 14:48	30°℞♉		
direct	-7721 Aug 13 j 16:00	25°♉36'02		
greatest brilliancy	-7721 Aug 24 j 03:43	27°♉41'10	-4.9m	
	-7721 Aug 29 j 05:35	0°♊		
asc. node	-7721 Sep 29 j 11:11	25°♊11'29		
morning max el	-7721 Oct 03 j 10:16	29°♊11'42	46°45'08	
	-7721 Oct 04 j 05:05	0°♋		
	-7721 Oct 31 j 14:29	0°♌		
	-7721 Nov 26 j 09:16	0°♍		
	-7721 Dec 21 j 16:33	0°♎		
	-7720 Jan 15 j 19:49	0°♏		
desc. node	-7720 Jan 19 j 22:46	4°♏56'10		
	-7720 Feb 09 j 19:51	0°♐		
	-7720 Mar 05 j 15:31	0°♑		
	-7720 Mar 30 j 05:57	0°♒		
morning set	-7720 Apr 03 j 15:03	5°♒22'07		
	-7720 Apr 23 j 15:08	0°♓		
max. Earth dist.	-7720 May 04 j 15:16	13°♓37'22	1.72764 AU	
superior conj	-7720 May 09 j 01:34	19°♓07'03	-0°04'37	
minimum elong	-7720 May 09 j 02:29	19°♓09'54	0°04'44	
behind sun begin	-7720 May 08 j 05:12	18°♓03'51		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

behind sun end	-7720 May 09 j 23:46	20°♓15'58	
asc. node	-7720 May 11 j 00:47	21°♓33'39	
	-7720 May 17 j 19:41	0°♈	
	-7720 Jun 10 j 20:44	0°♉	
evening rise	-7720 Jun 14 j 02:41	4°♉03'45	
	-7720 Jul 04 j 19:52	0°♊	
	-7720 Jul 28 j 19:15	0°♋	
	-7720 Aug 21 j 21:16	0°♌	
desc. node	-7720 Aug 31 j 09:55	11°♌48'19	
	-7720 Sep 15 j 04:13	0°♍	
	-7720 Oct 09 j 19:03	0°♎	
	-7720 Nov 03 j 23:48	0°♏	
	-7720 Nov 30 j 10:26	0°♐	
evening max el	-7720 Dec 18 j 14:55	18°♐56'33	45°32'18
asc. node	-7720 Dec 21 j 16:38	21°♐55'45	
	-7720 Dec 30 j 11:34	0°♑	
greatest brilliancy	-7719 Jan 25 j 12:58	17°♑18'02	-4.7m
retrograde	-7719 Feb 05 j 09:07	19°♑25'59	
evening set	-7719 Feb 22 j 22:10	13°♑36'11	
inferior conj	-7719 Feb 26 j 20:57	11°♑08'21	7°42'32
minimum elong	-7719 Feb 27 j 01:59	11°♑00'20	7°41'37
min. Earth dist.	-7719 Feb 27 j 11:26	10°♑45'20	0.29546 AU
morning rise	-7719 Mar 03 j 05:42	8°♑24'55	
direct	-7719 Mar 20 j 19:47	2°♑37'08	
greatest brilliancy	-7719 Mar 31 j 03:44	4°♑31'28	-4.7m
desc. node	-7719 Apr 13 j 07:42	11°♑21'56	
	-7719 May 06 j 02:09	0°♒	
morning max el	-7719 May 08 j 23:42	2°♒45'33	46°05'25
	-7719 Jun 04 j 04:17	0°♓	
	-7719 Jun 30 j 10:10	0°♈	
	-7719 Jul 25 j 09:11	0°♉	
asc. node	-7719 Aug 03 j 13:59	11°♉18'08	
	-7719 Aug 18 j 15:27	0°♊	
	-7719 Sep 11 j 13:39	0°♋	
	-7719 Oct 05 j 10:10	0°♌	
	-7719 Oct 29 j 09:07	0°♍	
morning set	-7719 Nov 10 j 21:14	15°♍34'47	
	-7719 Nov 22 j 12:04	0°♎	
desc. node	-7719 Nov 23 j 22:33	1°♎46'46	
	-7719 Dec 16 j 18:35	0°♏	
superior conj	-7719 Dec 22 j 03:41	6°♏37'44	-0°57'52
minimum elong	-7719 Dec 21 j 17:40	6°♏06'55	0°57'47
max. Earth dist.	-7719 Dec 24 j 20:12	9°♏56'26	1.73086 AU
	-7718 Jan 10 j 03:22	0°♐	
evening rise	-7718 Jan 29 j 07:59	23°♐34'29	
	-7718 Feb 03 j 13:39	0°♑	
greatest brilliancy	-7718 Feb 15 j 09:04	14°♑28'19	-3.9m
	-7718 Feb 28 j 01:46	0°♒	
asc. node	-7718 Mar 16 j 01:04	19°♒28'40	
	-7718 Mar 24 j 16:50	0°♓	
	-7718 Apr 18 j 12:17	0°♈	
	-7718 May 13 j 14:00	0°♉	
	-7718 Jun 08 j 01:59	0°♊	
	-7718 Jul 04 j 10:39	0°♋	
desc. node	-7718 Jul 06 j 13:03	2°♋19'09	
evening max el	-7718 Jul 27 j 07:42	24°♋19'00	47°39'13
	-7718 Aug 02 j 01:54	0°♌	
greatest brilliancy	-7718 Sep 06 j 19:44	26°♌02'22	-4.9m
retrograde	-7718 Sep 16 j 06:04	27°♌45'12	
evening set	-7718 Oct 01 j 21:51	22°♌52'10	
inferior conj	-7718 Oct 06 j 22:43	19°♌48'32	-4°46'40
minimum elong	-7718 Oct 07 j 07:50	19°♌34'19	4°43'49
min. Earth dist.	-7718 Oct 06 j 13:53	20°♌02'20	0.26726 AU
morning rise	-7718 Oct 12 j 18:12	16°♌20'04	
asc. node	-7718 Oct 26 j 21:52	12°♌07'36	
direct	-7718 Oct 27 j 04:09	12°♌07'31	
greatest brilliancy	-7718 Nov 05 j 21:14	13°♌55'25	-4.9m
	-7718 Nov 30 j 17:24	0°♍	
morning max el	-7718 Dec 15 j 20:44	14°♍00'47	46°16'52
	-7718 Dec 31 j 11:05	0°♎	
	-7717 Jan 27 j 20:16	0°♏	
desc. node	-7717 Feb 16 j 11:21	22°♏20'52	
	-7717 Feb 23 j 02:16	0°♐	
	-7717 Mar 20 j 16:19	0°♑	
	-7717 Apr 14 j 17:57	0°♒	
	-7717 May 09 j 09:01	0°♓	
	-7717 Jun 02 j 15:18	0°♈	
asc. node	-7717 Jun 08 j 14:04	7°♈24'43	
morning set	-7717 Jun 10 j 18:24	10°♈08'03	
	-7717 Jun 26 j 14:52	0°♉	
max. Earth dist.	-7717 Jul 16 j 14:08	25°♉09'05	1.71040 AU
superior conj	-7717 Jul 18 j 12:30	27°♉35'24	1°15'11
minimum elong	-7717 Jul 18 j 04:44	27°♉10'53	1°15'26
	-7717 Jul 20 j 10:18	0°♊	
	-7717 Aug 13 j 04:30	0°♋	
evening rise	-7717 Aug 27 j 15:22	18°♋13'18	
	-7717 Sep 06 j 00:10	0°♌	
desc. node	-7717 Sep 28 j 22:22	28°♌42'13	
	-7717 Sep 29 j 23:18	0°♍	
	-7717 Oct 24 j 03:02	0°♎	
	-7717 Nov 17 j 12:29	0°♏	
	-7717 Dec 12 j 06:25	0°♐	
	-7716 Jan 06 j 15:27	0°♑	
asc. node	-7716 Jan 19 j 03:36	14°♑20'35	
	-7716 Feb 02 j 06:06	0°♒	
evening max el	-7716 Feb 28 j 14:10	26°♒59'39	45°00'03
	-7716 Mar 02 j 19:29	0°♓	
greatest brilliancy	-7716 Apr 06 j 10:09	23°♓58'38	-4.7m
retrograde	-7716 Apr 16 j 17:18	25°♓51'13	
evening set	-7716 May 01 j 13:11	21°♓42'52	
inferior conj	-7716 May 07 j 22:07	18°♓02'43	0°39'57
minimum elong	-7716 May 07 j 23:36	18°♓00'28	0°39'22
min. Earth dist.	-7716 May 08 j 19:50	17°♓29'54	0.28065 AU
desc. node	-7716 May 10 j 18:18	16°♓20'17	
morning rise	-7716 May 14 j 08:58	14°♓17'27	
direct	-7716 May 29 j 10:44	9°♓57'19	
greatest brilliancy	-7716 Jun 10 j 00:04	12°♓21'39	-4.8m
	-7716 Jul 06 j 00:35	0°♈	
morning max el	-7716 Jul 18 j 15:33	11°♈56'52	46°37'06
	-7716 Aug 04 j 18:01	0°♉	
	-7716 Aug 30 j 20:53	0°♊	
asc. node	-7716 Aug 31 j 02:11	0°♊15'43	
	-7716 Sep 24 j 17:28	0°♋	
	-7716 Oct 19 j 02:49	0°♌	
	-7716 Nov 12 j 10:18	0°♍	
	-7716 Dec 06 j 19:59	0°♎	
desc. node	-7716 Dec 21 j 11:56	17°♎57'33	
	-7716 Dec 31 j 08:11	0°♏	
morning set	-7715 Jan 23 j 18:32	28°♏38'17	
	-7715 Jan 24 j 21:16	0°♐	
	-7715 Feb 18 j 09:29	0°♑	
max. Earth dist.	-7715 Feb 27 j 16:38	11°♑24'15	1.73772 AU
superior conj	-7715 Mar 01 j 14:56	13°♑46'20	-1°15'49
minimum elong	-7715 Mar 01 j 20:41	14°♑03'58	1°16'14
	-7715 Mar 14 j 20:02	0°♒	
evening rise	-7715 Apr 06 j 05:02	27°♒32'05	
	-7715 Apr 08 j 05:05	0°♓	
asc. node	-7715 Apr 12 j 13:47	5°♓22'26	
	-7715 May 02 j 13:14	0°♈	
	-7715 May 26 j 21:18	0°♉	
	-7715 Jun 20 j 06:32	0°♊	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7715 Jul 14 j 19:16	0°♋	
desc. node	-7715 Aug 03 j 00:15	23°♋14'34	
	-7715 Aug 08 j 15:32	0°♌	
	-7715 Sep 03 j 02:56	0°♍	
	-7715 Sep 30 j 01:06	0°♎	
evening max el	-7715 Oct 06 j 16:01	6°♎54'00	47°11'32
	-7715 Nov 01 j 06:07	0°♏	
greatest brilliancy	-7715 Nov 15 j 13:35	8°♏21'51	-4.8m
asc. node	-7715 Nov 23 j 08:23	10°♏28'34	
retrograde	-7715 Nov 26 j 14:28	10°♏41'30	
evening set	-7715 Dec 12 j 01:43	5°♏48'36	
min. Earth dist.	-7715 Dec 16 j 19:35	2°♏52'12	0.28509 AU
inferior conj	-7715 Dec 17 j 17:18	2°♏17'17	5°19'22
minimum elong	-7715 Dec 17 j 08:40	2°♏31'11	5°17'12
	-7715 Dec 21 j 08:13	30°℞♎	
morning rise	-7715 Dec 22 j 16:23	29°♎11'45	
direct	-7714 Jan 07 j 20:18	24°♎03'09	
greatest brilliancy	-7714 Jan 16 j 15:06	25°♎29'18	-4.7m
	-7714 Jan 26 j 15:06	0°♏	
morning max el	-7714 Feb 25 j 14:45	23°♏50'55	45°54'15
	-7714 Mar 03 j 23:13	0°♐	
desc. node	-7714 Mar 15 j 22:56	12°♐12'36	
	-7714 Apr 01 j 12:09	0°♑	
	-7714 Apr 27 j 23:36	0°♒	
	-7714 May 23 j 08:50	0°♓	
	-7714 Jun 17 j 00:47	0°♈	
asc. node	-7714 Jul 06 j 03:23	23°♈40'54	
	-7714 Jul 11 j 04:44	0°♉	
greatest brilliancy	-7714 Jul 27 j 08:52	20°♉18'52	-3.9m
	-7714 Aug 04 j 01:07	0°♊	
morning set	-7714 Aug 22 j 18:04	23°♊39'46	
	-7714 Aug 27 j 18:15	0°♋	
	-7714 Sep 20 j 12:02	0°♌	
superior conj	-7714 Oct 03 j 06:40	16°♌04'38	0°49'45
minimum elong	-7714 Oct 03 j 18:02	16°♌40'20	0°49'44
max. Earth dist.	-7714 Oct 09 j 14:34	24°♌01'17	1.71256 AU
	-7714 Oct 14 j 09:04	0°♍	
desc. node	-7714 Oct 26 j 11:21	15°♍06'47	
	-7714 Nov 07 j 10:20	0°♎	
evening rise	-7714 Nov 15 j 05:39	9°♎41'29	
	-7714 Dec 01 j 15:35	0°♏	
	-7714 Dec 26 j 00:45	0°♐	
	-7713 Jan 19 j 15:04	0°♑	
	-7713 Feb 13 j 13:37	0°♒	
asc. node	-7713 Feb 15 j 15:06	2°♒27'18	
	-7713 Mar 11 j 01:18	0°♓	
	-7713 Apr 06 j 10:22	0°♈	
	-7713 May 04 j 13:40	0°♉	
evening max el	-7713 May 12 j 05:06	7°♉33'09	46°07'54
desc. node	-7713 Jun 08 j 04:48	0°♊03'56	
	-7713 Jun 08 j 02:24	0°♊	
greatest brilliancy	-7713 Jun 21 j 07:47	6°♊42'37	-4.8m
retrograde	-7713 Jun 30 j 20:29	8°♊21'35	
evening set	-7713 Jul 17 j 17:54	3°♊01'06	
inferior conj	-7713 Jul 21 j 14:54	0°♊43'47	-8°20'20
minimum elong	-7713 Jul 21 j 07:37	0°♊54'44	8°19'06
min. Earth dist.	-7713 Jul 21 j 12:09	0°♊47'55	0.26772 AU
	-7713 Jul 22 j 20:06	30°℞♉	
morning rise	-7713 Jul 24 j 21:16	28°♉47'33	
direct	-7713 Aug 11 j 04:50	23°♉08'14	
greatest brilliancy	-7713 Aug 21 j 17:30	25°♉13'40	-4.9m
	-7713 Aug 31 j 01:23	0°♊	
asc. node	-7713 Sep 28 j 13:23	24°♊15'35	
morning max el	-7713 Sep 30 j 22:10	26°♊39'54	46°45'26
	-7713 Oct 04 j 03:31	0°♋	
	-7713 Oct 31 j 07:06	0°♌	
	-7713 Nov 25 j 23:35	0°♍	
	-7713 Dec 21 j 05:36	0°♎	
	-7712 Jan 15 j 08:03	0°♏	
desc. node	-7712 Jan 19 j 01:03	4°♏26'36	
	-7712 Feb 09 j 07:32	0°♐	
	-7712 Mar 05 j 02:51	0°♑	
	-7712 Mar 29 j 17:05	0°♒	
morning set	-7712 Apr 01 j 10:23	3°♒20'09	
	-7712 Apr 23 j 02:11	0°♓	
max. Earth dist.	-7712 May 02 j 09:32	11°♓31'02	1.72818 AU
superior conj	-7712 May 06 j 20:30	17°♓02'38	-0°07'38
minimum elong	-7712 May 06 j 22:01	17°♓07'19	0°07'44
behind sun begin	-7712 May 06 j 02:31	16°♓06'50	
behind sun end	-7712 May 07 j 17:30	18°♓07'48	
asc. node	-7712 May 10 j 02:55	21°♓05'58	
	-7712 May 17 j 06:46	0°♈	
	-7712 Jun 10 j 07:55	0°♉	
evening rise	-7712 Jun 11 j 20:04	1°♉53'00	
	-7712 Jul 04 j 07:14	0°♊	
	-7712 Jul 28 j 06:54	0°♋	
	-7712 Aug 21 j 09:15	0°♌	
desc. node	-7712 Aug 30 j 11:59	11°♌17'12	
	-7712 Sep 14 j 16:40	0°♍	
	-7712 Oct 09 j 08:10	0°♎	
	-7712 Nov 03 j 14:10	0°♏	
	-7712 Nov 30 j 03:47	0°♐	
evening max el	-7712 Dec 16 j 05:18	16°♐39'56	45°35'04
asc. node	-7712 Dec 20 j 19:02	21°♐05'34	
	-7712 Dec 30 j 16:37	0°♑	
greatest brilliancy	-7711 Jan 23 j 05:54	15°♑10'53	-4.7m
retrograde	-7711 Feb 03 j 01:56	17°♑19'30	
evening set	-7711 Feb 20 j 16:31	11°♑27'14	
inferior conj	-7711 Feb 24 j 14:10	9°♑01'04	7°47'48
minimum elong	-7711 Feb 24 j 18:38	8°♑53'58	7°46'57
min. Earth dist.	-7711 Feb 25 j 03:48	8°♑39'24	0.29562 AU
morning rise	-7711 Feb 28 j 20:38	6°♑20'53	
direct	-7711 Mar 18 j 12:13	0°♑29'31	
greatest brilliancy	-7711 Mar 28 j 19:48	2°♑23'11	-4.7m
desc. node	-7711 Apr 12 j 09:52	10°♑09'52	
	-7711 May 06 j 01:20	0°♒	
morning max el	-7711 May 06 j 15:16	0°♒33'25	46°04'38
	-7711 Jun 03 j 20:25	0°♓	
	-7711 Jun 29 j 23:55	0°♈	
	-7711 Jul 24 j 21:49	0°♉	
asc. node	-7711 Aug 02 j 16:11	10°♉46'42	
	-7711 Aug 18 j 03:30	0°♊	
	-7711 Sep 11 j 01:23	0°♋	
	-7711 Oct 04 j 21:43	0°♌	
	-7711 Oct 28 j 20:31	0°♍	
morning set	-7711 Nov 08 j 07:35	13°♍02'23	
	-7711 Nov 21 j 23:21	0°♎	
desc. node	-7711 Nov 23 j 00:41	1°♎18'27	
	-7711 Dec 16 j 05:45	0°♏	
superior conj	-7711 Dec 19 j 17:00	4°♏16'34	-0°55'21
minimum elong	-7711 Dec 19 j 06:58	3°♏45'39	0°55'14
max. Earth dist.	-7711 Dec 22 j 12:04	7°♏43'09	1.73035 AU
	-7710 Jan 09 j 14:28	0°♐	
evening rise	-7710 Jan 27 j 00:49	21°♐24'47	
	-7710 Feb 03 j 00:46	0°♑	
greatest brilliancy	-7710 Feb 15 j 00:33	14°♑41'36	-3.9m
	-7710 Feb 27 j 13:02	0°♒	
asc. node	-7710 Mar 15 j 03:09	19°♒00'12	
	-7710 Mar 24 j 04:26	0°♓	
	-7710 Apr 18 j 00:30	0°♈	
	-7710 May 13 j 03:11	0°♉	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7710 Jun 07 j 16:45	0°♊	
	-7710 Jul 04 j 04:29	0°♋	
desc. node	-7710 Jul 05 j 15:24	1°♋35'48	
evening max el	-7710 Jul 24 j 20:49	21°♋52'29	47°37'54
	-7710 Aug 02 j 04:34	0°♌	
greatest brilliancy	-7710 Sep 04 j 10:21	23°♌35'39	-4.9m
retrograde	-7710 Sep 13 j 19:18	25°♌17'36	
evening set	-7710 Sep 29 j 13:58	20°♌20'36	
inferior conj	-7710 Oct 04 j 11:58	17°♌21'44	-5°06'27
minimum elong	-7710 Oct 04 j 21:29	17°♌06'56	5°03'33
min. Earth dist.	-7710 Oct 04 j 03:55	17°♌34'16	0.26700 AU
morning rise	-7710 Oct 10 j 05:19	13°♌56'39	
direct	-7710 Oct 24 j 16:45	9°♌41'09	
asc. node	-7710 Oct 26 j 00:04	9°♌43'13	
greatest brilliancy	-7710 Nov 03 j 11:32	11°♌30'47	-4.9m
	-7710 Dec 01 j 00:49	0°♍	
morning max el	-7710 Dec 13 j 11:18	11°♍41'15	46°17'56
	-7710 Dec 31 j 05:28	0°♎	
	-7709 Jan 27 j 10:59	0°♏	
desc. node	-7709 Feb 15 j 13:24	21°♏48'15	
	-7709 Feb 22 j 15:16	0°♐	
	-7709 Mar 20 j 04:23	0°♑	
	-7709 Apr 14 j 05:27	0°♒	
	-7709 May 08 j 20:13	0°♓	
	-7709 Jun 02 j 02:22	0°♈	
asc. node	-7709 Jun 07 j 16:16	6°♈57'07	
morning set	-7709 Jun 08 j 11:03	7°♈55'40	
	-7709 Jun 26 j 01:56	0°♉	
max. Earth dist.	-7709 Jul 13 j 23:59	22°♉33'40	1.71081 AU
superior conj	-7709 Jul 16 j 02:19	25°♉12'26	1°13'35
minimum elong	-7709 Jul 15 j 18:07	24°♉46'35	1°13'47
	-7709 Jul 19 j 21:26	0°♊	
	-7709 Aug 12 j 15:43	0°♋	
evening rise	-7709 Aug 25 j 00:45	15°♋36'20	
	-7709 Sep 05 j 11:27	0°♌	
desc. node	-7709 Sep 28 j 00:26	28°♌13'14	
	-7709 Sep 29 j 10:41	0°♍	
	-7709 Oct 23 j 14:34	0°♎	
	-7709 Nov 17 j 00:18	0°♏	
	-7709 Dec 11 j 18:47	0°♐	
	-7708 Jan 06 j 04:58	0°♑	
asc. node	-7708 Jan 18 j 05:46	13°♑45'45	
	-7708 Feb 01 j 22:21	0°♒	
evening max el	-7708 Feb 26 j 06:02	24°♒49'20	44°59'25
	-7708 Mar 02 j 20:38	0°♓	
greatest brilliancy	-7708 Apr 03 j 23:40	21°♓44'30	-4.7m
retrograde	-7708 Apr 14 j 08:01	23°♓37'39	
evening set	-7708 Apr 29 j 04:59	19°♓27'29	
inferior conj	-7708 May 05 j 12:43	15°♓48'12	1°00'34
minimum elong	-7708 May 05 j 14:57	15°♓44'49	0°59'44
min. Earth dist.	-7708 May 06 j 10:45	15°♓14'51	0.28129 AU
desc. node	-7708 May 09 j 20:32	13°♓13'35	
morning rise	-7708 May 12 j 00:00	12°♓02'11	
direct	-7708 May 27 j 02:46	7°♓41'43	
greatest brilliancy	-7708 Jun 07 j 14:52	10°♓05'12	-4.8m
	-7708 Jul 06 j 05:04	0°♈	
morning max el	-7708 Jul 16 j 06:57	9°♈39'13	46°36'03
	-7708 Aug 04 j 11:41	0°♉	
asc. node	-7708 Aug 30 j 04:14	29°♉38'34	
	-7708 Aug 30 j 11:27	0°♊	
	-7708 Sep 24 j 06:36	0°♋	
	-7708 Oct 18 j 15:08	0°♌	
	-7708 Nov 11 j 22:06	0°♍	
	-7708 Dec 06 j 07:24	0°♎	
desc. node	-7708 Dec 20 j 14:08	17°♎29'58	
	-7708 Dec 30 j 19:18	0°♏	
morning set	-7707 Jan 21 j 10:34	26°♏27'12	
	-7707 Jan 24 j 08:10	0°♐	
	-7707 Feb 17 j 20:16	0°♑	
max. Earth dist.	-7707 Feb 25 j 16:02	9°♑35'42	1.73779 AU
superior conj	-7707 Feb 27 j 09:44	11°♑43'37	-1°16'53
minimum elong	-7707 Feb 27 j 15:02	11°♑59'54	1°17'19
	-7707 Mar 14 j 06:48	0°♒	
evening rise	-7707 Apr 04 j 00:35	25°♒31'03	
	-7707 Apr 07 j 15:57	0°♓	
asc. node	-7707 Apr 11 j 15:54	4°♓55'24	
	-7707 May 02 j 00:21	0°♈	
	-7707 May 26 j 08:46	0°♉	
	-7707 Jun 19 j 18:31	0°♊	
	-7707 Jul 14 j 07:56	0°♋	
desc. node	-7707 Aug 02 j 02:19	22°♋40'25	
	-7707 Aug 08 j 05:14	0°♌	
	-7707 Sep 02 j 18:30	0°♍	
	-7707 Sep 29 j 21:04	0°♎	
evening max el	-7707 Oct 04 j 08:56	4°♎39'27	47°14'29
	-7707 Nov 02 j 02:37	0°♏	
greatest brilliancy	-7707 Nov 13 j 07:05	6°♏08'46	-4.9m
asc. node	-7707 Nov 22 j 10:43	8°♏23'22	
retrograde	-7707 Nov 24 j 07:29	8°♏27'38	
evening set	-7707 Dec 09 j 16:18	3°♏38'14	
min. Earth dist.	-7707 Dec 14 j 11:19	0°♏40'03	0.28432 AU
inferior conj	-7707 Dec 15 j 09:40	0°♏04'05	5°04'25
minimum elong	-7707 Dec 15 j 01:11	0°♏17'45	5°02'15
	-7707 Dec 15 j 12:12	30°℞♎	
morning rise	-7707 Dec 20 j 10:55	26°♎55'26	
direct	-7706 Jan 05 j 12:18	21°♎51'27	
greatest brilliancy	-7706 Jan 14 j 05:51	23°♎16'51	-4.7m
	-7706 Jan 27 j 20:44	0°♏	
morning max el	-7706 Feb 23 j 06:17	21°♏40'46	45°54'21
	-7706 Mar 03 j 19:06	0°♐	
desc. node	-7706 Mar 15 j 01:04	11°♐33'02	
	-7706 Apr 01 j 03:01	0°♑	
	-7706 Apr 27 j 12:33	0°♒	
	-7706 May 22 j 20:51	0°♓	
	-7706 Jun 16 j 12:19	0°♈	
asc. node	-7706 Jul 05 j 05:32	23°♈12'18	
	-7706 Jul 10 j 16:01	0°♉	
greatest brilliancy	-7706 Jul 27 j 14:56	21°♉18'26	-3.9m
	-7706 Aug 03 j 12:16	0°♊	
morning set	-7706 Aug 20 j 04:54	21°♊06'56	
	-7706 Aug 27 j 05:22	0°♋	
	-7706 Sep 19 j 23:09	0°♌	
superior conj	-7706 Sep 30 j 15:00	13°♌25'07	0°52'56
minimum elong	-7706 Oct 01 j 02:38	14°♌01'40	0°52'55
max. Earth dist.	-7706 Oct 06 j 22:52	21°♌21'54	1.71200 AU
	-7706 Oct 13 j 20:11	0°♍	
desc. node	-7706 Oct 25 j 13:30	14°♍38'54	
	-7706 Nov 06 j 21:25	0°♎	
evening rise	-7706 Nov 12 j 15:42	7°♎09'23	
	-7706 Dec 01 j 02:40	0°♏	
	-7706 Dec 25 j 11:53	0°♐	
	-7705 Jan 19 j 02:28	0°♑	
	-7705 Feb 13 j 01:37	0°♒	
asc. node	-7705 Feb 14 j 17:12	1°♒57'42	
	-7705 Mar 10 j 14:30	0°♓	
	-7705 Apr 06 j 01:56	0°♈	
	-7705 May 04 j 11:07	0°♉	
evening max el	-7705 May 09 j 17:37	5°♉09'52	46°04'13
desc. node	-7705 Jun 07 j 07:05	28°♉38'23	
	-7705 Jun 09 j 13:40	0°♊	
greatest brilliancy	-7705 Jun 18 j 19:19	4°♊15'16	-4.8m

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

retrograde	-7705 Jun 28 j 07:33	5°♊54'01	
evening set	-7705 Jul 15 j 01:37	0°♊39'58	
	-7705 Jul 16 j 05:26	30°℞♉	
inferior conj	-7705 Jul 19 j 02:57	28°♉16'40	-8°10'50
minimum elong	-7705 Jul 18 j 18:59	28°♉28'37	8°09'26
min. Earth dist.	-7705 Jul 19 j 00:56	28°♉19'42	0.26794 AU
morning rise	-7705 Jul 22 j 12:13	26°♉16'09	
direct	-7705 Aug 08 j 16:59	20°♉40'33	
greatest brilliancy	-7705 Aug 19 j 07:37	22°♉47'08	-4.9m
	-7705 Sep 01 j 07:14	0°♊	
asc. node	-7705 Sep 27 j 15:38	23°♊21'45	
morning max el	-7705 Sep 28 j 09:34	24°♊07'33	46°45'55
	-7705 Oct 04 j 00:48	0°♋	
	-7705 Oct 30 j 23:05	0°♌	
	-7705 Nov 25 j 13:24	0°♍	
	-7705 Dec 20 j 18:13	0°♎	
	-7704 Jan 14 j 19:52	0°♏	
desc. node	-7704 Jan 18 j 03:01	3°♏57'17	
	-7704 Feb 08 j 18:49	0°♐	
	-7704 Mar 04 j 13:47	0°♑	
	-7704 Mar 29 j 03:50	0°♒	
morning set	-7704 Mar 30 j 05:53	1°♒19'50	
	-7704 Apr 22 j 12:55	0°♓	
max. Earth dist.	-7704 Apr 30 j 06:06	9°♓32'49	1.72880 AU
superior conj	-7704 May 04 j 15:33	14°♓59'32	-0°10'38
minimum elong	-7704 May 04 j 17:37	15°♓05'59	0°10'43
behind sun begin	-7704 May 04 j 01:10	14°♓14'57	
behind sun end	-7704 May 05 j 10:05	15°♓57'00	
asc. node	-7704 May 09 j 05:10	20°♓39'32	
	-7704 May 16 j 17:34	0°♈	
evening rise	-7704 Jun 09 j 13:30	29°♈43'13	
	-7704 Jun 09 j 18:53	0°♉	
	-7704 Jul 03 j 18:27	0°♊	
	-7704 Jul 27 j 18:24	0°♋	
	-7704 Aug 20 j 21:05	0°♌	
desc. node	-7704 Aug 29 j 14:06	10°♌46'49	
	-7704 Sep 14 j 04:54	0°♍	
	-7704 Oct 08 j 21:05	0°♎	
	-7704 Nov 03 j 04:24	0°♏	
	-7704 Nov 29 j 21:11	0°♐	
evening max el	-7704 Dec 13 j 20:01	14°♐25'04	45°38'01
asc. node	-7704 Dec 19 j 21:14	20°♐15'02	
	-7704 Dec 30 j 23:16	0°♑	
greatest brilliancy	-7703 Jan 20 j 22:32	13°♑04'38	-4.7m
retrograde	-7703 Jan 31 j 19:28	15°♑14'41	
evening set	-7703 Feb 18 j 10:54	9°♑20'02	
inferior conj	-7703 Feb 22 j 07:37	6°♑55'20	7°52'21
minimum elong	-7703 Feb 22 j 11:31	6°♑49'08	7°51'35
min. Earth dist.	-7703 Feb 22 j 20:06	6°♑35'29	0.29573 AU
morning rise	-7703 Feb 26 j 11:59	4°♑18'18	
	-7703 Mar 07 j 04:18	30°℞♐	
direct	-7703 Mar 16 j 04:56	28°♐23'29	
	-7703 Mar 25 j 16:16	0°♑	
greatest brilliancy	-7703 Mar 26 j 11:51	0°♑16'34	-4.7m
desc. node	-7703 Apr 11 j 12:03	9°♑01'12	
morning max el	-7703 May 04 j 07:38	28°♑24'34	46°03'47
	-7703 May 05 j 23:07	0°♒	
	-7703 Jun 03 j 11:58	0°♓	
	-7703 Jun 29 j 13:19	0°♈	
	-7703 Jul 24 j 10:14	0°♉	
asc. node	-7703 Aug 01 j 18:13	10°♉15'14	
	-7703 Aug 17 j 15:25	0°♊	
	-7703 Sep 10 j 13:02	0°♋	
	-7703 Oct 04 j 09:10	0°♌	
	-7703 Oct 28 j 07:47	0°♍	
morning set	-7703 Nov 05 j 17:43	10°♍29'36	
	-7703 Nov 21 j 10:28	0°♎	
desc. node	-7703 Nov 22 j 02:51	0°♎50'47	
	-7703 Dec 15 j 16:45	0°♏	
superior conj	-7703 Dec 17 j 06:10	1°♏55'23	-0°52'43
minimum elong	-7703 Dec 16 j 20:11	1°♏24'35	0°52'35
max. Earth dist.	-7703 Dec 20 j 03:33	5°♏29'12	1.72983 AU
	-7702 Jan 09 j 01:24	0°♐	
evening rise	-7702 Jan 24 j 17:46	19°♐16'01	
	-7702 Feb 02 j 11:43	0°♑	
greatest brilliancy	-7702 Feb 15 j 04:35	15°♑33'46	-3.9m
	-7702 Feb 27 j 00:06	0°♒	
asc. node	-7702 Mar 14 j 05:22	18°♒32'41	
	-7702 Mar 23 j 15:51	0°♓	
	-7702 Apr 17 j 12:31	0°♈	
	-7702 May 12 j 16:14	0°♉	
	-7702 Jun 07 j 07:31	0°♊	
	-7702 Jul 03 j 22:39	0°♋	
desc. node	-7702 Jul 04 j 17:25	0°♋51'09	
evening max el	-7702 Jul 22 j 10:31	19°♋27'27	47°36'07
	-7702 Aug 02 j 08:57	0°♌	
greatest brilliancy	-7702 Sep 02 j 00:03	21°♌06'47	-4.9m
retrograde	-7702 Sep 11 j 08:39	22°♌48'25	
evening set	-7702 Sep 27 j 05:48	17°♌47'14	
min. Earth dist.	-7702 Oct 01 j 17:15	15°♌04'54	0.26677 AU
inferior conj	-7702 Oct 02 j 00:47	14°♌53'13	-5°25'52
minimum elong	-7702 Oct 02 j 10:39	14°♌37'55	5°22'57
morning rise	-7702 Oct 07 j 15:47	11°♌32'02	
direct	-7702 Oct 22 j 05:33	7°♌13'11	
asc. node	-7702 Oct 25 j 02:20	7°♌23'12	
greatest brilliancy	-7702 Nov 01 j 00:58	9°♌04'00	-4.9m
	-7702 Dec 01 j 06:15	0°♍	
morning max el	-7702 Dec 11 j 02:08	9°♍21'57	46°19'10
	-7702 Dec 30 j 23:27	0°♎	
	-7701 Jan 27 j 01:29	0°♏	
desc. node	-7701 Feb 14 j 15:31	21°♏16'12	
	-7701 Feb 22 j 04:08	0°♐	
	-7701 Mar 19 j 16:20	0°♑	
	-7701 Apr 13 j 16:52	0°♒	
	-7701 May 08 j 07:19	0°♓	
	-7701 Jun 01 j 13:20	0°♈	
morning set	-7701 Jun 06 j 04:20	5°♈45'41	
asc. node	-7701 Jun 06 j 18:25	6°♈29'37	
	-7701 Jun 25 j 12:56	0°♉	
max. Earth dist.	-7701 Jul 11 j 09:44	19°♉58'16	1.71128 AU
superior conj	-7701 Jul 13 j 16:40	22°♉51'28	1°11'52
minimum elong	-7701 Jul 13 j 08:08	22°♉24'31	1°12'02
	-7701 Jul 19 j 08:32	0°♊	
	-7701 Aug 12 j 02:56	0°♋	
evening rise	-7701 Aug 22 j 10:21	12°♋59'51	
	-7701 Sep 04 j 22:50	0°♌	
desc. node	-7701 Sep 27 j 02:38	27°♌44'09	
	-7701 Sep 28 j 22:13	0°♍	
	-7701 Oct 23 j 02:17	0°♎	
	-7701 Nov 16 j 12:18	0°♏	
	-7701 Dec 11 j 07:20	0°♐	
	-7700 Jan 05 j 18:42	0°♑	
asc. node	-7700 Jan 17 j 07:54	13°♑10'14	
	-7700 Feb 01 j 14:57	0°♒	
evening max el	-7700 Feb 23 j 22:02	22°♒39'21	44°58'56
	-7700 Mar 02 j 23:10	0°♓	
greatest brilliancy	-7700 Apr 01 j 14:12	19°♓32'04	-4.7m
retrograde	-7700 Apr 11 j 22:39	21°♓24'54	
evening set	-7700 Apr 26 j 21:15	17°♓12'56	
inferior conj	-7700 May 03 j 03:40	13°♓34'43	1°20'54
minimum elong	-7700 May 03 j 06:37	13°♓30'13	1°19'50

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

min. Earth dist.	-7700 May 04 j 02:09	13°♓00'33	0.28189 AU
desc. node	-7700 May 08 j 22:47	10°♓10'04	
morning rise	-7700 May 09 j 15:06	9°♓47'58	
direct	-7700 May 24 j 18:50	5°♓27'16	
greatest brilliancy	-7700 Jun 05 j 05:44	7°♓49'26	-4.8m
	-7700 Jul 06 j 07:47	0°♈	
morning max el	-7700 Jul 13 j 21:39	7°♈20'08	46°35'00
	-7700 Aug 04 j 04:58	0°♉	
asc. node	-7700 Aug 29 j 06:33	29°♉02'20	
	-7700 Aug 30 j 01:53	0°♊	
	-7700 Sep 23 j 19:46	0°♋	
	-7700 Oct 18 j 03:36	0°♌	
	-7700 Nov 11 j 10:06	0°♍	
	-7700 Dec 05 j 19:04	0°♎	
desc. node	-7700 Dec 19 j 16:08	17°♎00'57	
	-7700 Dec 30 j 06:41	0°♏	
morning set	-7699 Jan 19 j 02:08	24°♏13'56	
	-7699 Jan 23 j 19:18	0°♐	
	-7699 Feb 17 j 07:14	0°♑	
max. Earth dist.	-7699 Feb 23 j 14:33	7°♑43'52	1.73778 AU
superior conj	-7699 Feb 25 j 04:18	9°♑39'39	-1°17'51
minimum elong	-7699 Feb 25 j 09:08	9°♑54'30	1°18'19
	-7699 Mar 13 j 17:45	0°♒	
evening rise	-7699 Apr 01 j 20:09	23°♒29'31	
	-7699 Apr 07 j 03:02	0°♓	
asc. node	-7699 Apr 10 j 18:08	4°♓28'07	
	-7699 May 01 j 11:40	0°♈	
	-7699 May 25 j 20:27	0°♉	
	-7699 Jun 19 j 06:41	0°♊	
	-7699 Jul 13 j 20:48	0°♋	
desc. node	-7699 Aug 01 j 04:30	22°♋06'05	
	-7699 Aug 07 j 19:12	0°♌	
	-7699 Sep 02 j 10:27	0°♍	
	-7699 Sep 29 j 17:56	0°♎	
evening max el	-7699 Oct 02 j 00:49	2°♎21'17	47°17'02
	-7699 Nov 03 j 07:48	0°♏	
greatest brilliancy	-7699 Nov 11 j 00:59	3°♏54'28	-4.9m
retrograde	-7699 Nov 21 j 23:50	6°♏11'44	
asc. node	-7699 Nov 21 j 12:55	6°♏11'29	
evening set	-7699 Dec 07 j 06:46	1°♏25'48	
	-7699 Dec 09 j 15:41	30°℞♎	
min. Earth dist.	-7699 Dec 12 j 03:17	28°♎25'20	0.28357 AU
inferior conj	-7699 Dec 13 j 01:50	27°♎49'01	4°48'45
minimum elong	-7699 Dec 12 j 17:32	28°♎02'22	4°46'36
morning rise	-7699 Dec 18 j 05:12	24°♎37'07	
direct	-7698 Jan 03 j 03:43	19°♎37'47	
greatest brilliancy	-7698 Jan 11 j 21:05	21°♎02'57	-4.8m
	-7698 Jan 28 j 19:03	0°♏	
morning max el	-7698 Feb 20 j 20:49	19°♏26'50	45°54'38
	-7698 Mar 03 j 14:52	0°♐	
desc. node	-7698 Mar 14 j 03:21	10°♐53'10	
	-7698 Mar 31 j 18:02	0°♑	
	-7698 Apr 27 j 01:41	0°♒	
	-7698 May 22 j 09:05	0°♓	
	-7698 Jun 16 j 00:05	0°♈	
asc. node	-7698 Jul 04 j 07:33	22°♈42'35	
	-7698 Jul 10 j 03:31	0°♉	
greatest brilliancy	-7698 Jul 27 j 17:17	22°♉05'30	-3.9m
	-7698 Aug 02 j 23:40	0°♊	
morning set	-7698 Aug 17 j 16:18	18°♊35'09	
	-7698 Aug 26 j 16:43	0°♋	
	-7698 Sep 19 j 10:29	0°♌	
superior conj	-7698 Sep 27 j 23:53	10°♌46'34	0°55'57
minimum elong	-7698 Sep 28 j 11:40	11°♌23'37	0°55'57
max. Earth dist.	-7698 Oct 04 j 05:19	18°♌35'59	1.71147 AU
	-7698 Oct 13 j 07:32	0°♍	
desc. node	-7698 Oct 24 j 15:39	14°♍10'14	
	-7698 Nov 06 j 08:47	0°♎	
evening rise	-7698 Nov 10 j 01:43	4°♎36'11	
	-7698 Nov 30 j 14:04	0°♏	
	-7698 Dec 24 j 23:25	0°♐	
	-7697 Jan 18 j 14:18	0°♑	
	-7697 Feb 12 j 14:05	0°♒	
asc. node	-7697 Feb 13 j 19:27	1°♒27'15	
	-7697 Mar 10 j 04:11	0°♓	
	-7697 Apr 05 j 18:08	0°♈	
	-7697 May 04 j 09:46	0°♉	
evening max el	-7697 May 07 j 05:32	2°♉44'31	46°00'46
desc. node	-7697 Jun 06 j 09:11	27°♉08'50	
	-7697 Jun 11 j 19:14	0°♊	
greatest brilliancy	-7697 Jun 16 j 06:43	1°♊47'16	-4.8m
retrograde	-7697 Jun 25 j 19:00	3°♊26'20	
	-7697 Jul 09 j 04:19	30°℞♉	
evening set	-7697 Jul 12 j 09:21	28°♉18'19	
inferior conj	-7697 Jul 16 j 15:06	25°♉49'07	-8°00'18
minimum elong	-7697 Jul 16 j 06:31	26°♉01'59	7°58'45
min. Earth dist.	-7697 Jul 16 j 13:47	25°♉51'06	0.26819 AU
morning rise	-7697 Jul 20 j 03:30	23°♉44'10	
direct	-7697 Aug 06 j 05:07	18°♉12'08	
greatest brilliancy	-7697 Aug 16 j 22:03	20°♉20'26	-4.9m
	-7697 Sep 02 j 05:19	0°♊	
morning max el	-7697 Sep 25 j 21:48	21°♊36'37	46°46'30
asc. node	-7697 Sep 26 j 17:51	22°♊28'05	
	-7697 Oct 03 j 21:40	0°♋	
	-7697 Oct 30 j 15:06	0°♌	
	-7697 Nov 25 j 03:22	0°♍	
	-7697 Dec 20 j 07:03	0°♎	
	-7696 Jan 14 j 08:00	0°♏	
desc. node	-7696 Jan 17 j 05:10	3°♏27'33	
	-7696 Feb 08 j 06:28	0°♐	
	-7696 Mar 04 j 01:07	0°♑	
morning set	-7696 Mar 28 j 01:04	29°♑17'20	
	-7696 Mar 28 j 14:59	0°♒	
	-7696 Apr 21 j 23:59	0°♓	
max. Earth dist.	-7696 Apr 28 j 03:51	7°♓37'16	1.72934 AU
superior conj	-7696 May 02 j 10:23	12°♓54'49	-0°13'38
minimum elong	-7696 May 02 j 13:01	13°♓03'00	0°13'42
behind sun begin	-7696 May 02 j 01:48	12°♓28'14	
behind sun end	-7696 May 03 j 00:15	13°♓37'46	
asc. node	-7696 May 08 j 07:13	20°♓11'32	
	-7696 May 16 j 04:41	0°♈	
evening rise	-7696 Jun 07 j 07:01	27°♈32'51	
	-7696 Jun 09 j 06:09	0°♉	
	-7696 Jul 03 j 05:57	0°♊	
	-7696 Jul 27 j 06:12	0°♋	
	-7696 Aug 20 j 09:14	0°♌	
desc. node	-7696 Aug 28 j 16:21	10°♌15'47	
	-7696 Sep 13 j 17:29	0°♍	
	-7696 Oct 08 j 10:21	0°♎	
	-7696 Nov 02 j 19:02	0°♏	
	-7696 Nov 29 j 15:14	0°♐	
evening max el	-7696 Dec 11 j 11:20	12°♐10'51	45°40'58
asc. node	-7696 Dec 18 j 23:21	19°♐22'33	
	-7696 Dec 31 j 09:00	0°♑	
greatest brilliancy	-7695 Jan 18 j 14:35	10°♑56'33	-4.7m
retrograde	-7695 Jan 29 j 13:16	13°♑08'28	
evening set	-7695 Feb 16 j 04:58	7°♑11'40	
inferior conj	-7695 Feb 20 j 00:56	4°♑48'04	7°56'12
minimum elong	-7695 Feb 20 j 04:13	4°♑42'49	7°55'31
min. Earth dist.	-7695 Feb 20 j 11:56	4°♑30'34	0.29585 AU
morning rise	-7695 Feb 24 j 03:25	2°♑14'00	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7695 Feb 28 j 02:11	30°℞♐	
direct	-7695 Mar 13 j 21:56	26°♐15'57	
greatest brilliancy	-7695 Mar 24 j 03:21	28°♐08'02	-4.7m
	-7695 Mar 28 j 16:10	0°♑	
desc. node	-7695 Apr 10 j 14:15	7°♑53'02	
morning max el	-7695 May 02 j 00:50	26°♑16'38	46°02'58
	-7695 May 05 j 20:38	0°♒	
	-7695 Jun 03 j 03:40	0°♓	
	-7695 Jun 29 j 02:55	0°♈	
	-7695 Jul 23 j 22:51	0°♉	
asc. node	-7695 Jul 31 j 20:30	9°♉43'53	
	-7695 Aug 17 j 03:32	0°♊	
	-7695 Sep 10 j 00:52	0°♋	
	-7695 Oct 03 j 20:49	0°♌	
	-7695 Oct 27 j 19:17	0°♍	
morning set	-7695 Nov 03 j 03:52	7°♍55'59	
	-7695 Nov 20 j 21:49	0°♎	
desc. node	-7695 Nov 21 j 04:50	0°♎21'47	
superior conj	-7695 Dec 14 j 19:11	29°♎32'52	-0°49'59
minimum elong	-7695 Dec 14 j 09:18	29°♎02'24	0°49'49
	-7695 Dec 15 j 03:58	0°♏	
max. Earth dist.	-7695 Dec 17 j 20:00	3°♏17'26	1.72929 AU
	-7694 Jan 08 j 12:33	0°♐	
evening rise	-7694 Jan 22 j 10:41	17°♐06'27	
	-7694 Feb 01 j 22:54	0°♑	
greatest brilliancy	-7694 Feb 15 j 18:51	16°♑56'26	-3.9m
	-7694 Feb 26 j 11:27	0°♒	
asc. node	-7694 Mar 13 j 07:35	18°♒04'15	
	-7694 Mar 23 j 03:35	0°♓	
	-7694 Apr 17 j 00:55	0°♈	
	-7694 May 12 j 05:41	0°♉	
	-7694 Jun 06 j 22:45	0°♊	
desc. node	-7694 Jul 03 j 19:39	0°♋05'48	
	-7694 Jul 03 j 17:30	0°♋	
evening max el	-7694 Jul 20 j 00:59	17°♋03'54	47°34'22
	-7694 Aug 02 j 15:30	0°♌	
greatest brilliancy	-7694 Aug 30 j 13:12	18°♌36'57	-4.9m
retrograde	-7694 Sep 08 j 22:09	20°♌18'31	
evening set	-7694 Sep 24 j 21:43	15°♌13'13	
inferior conj	-7694 Sep 29 j 13:32	12°♌23'58	-5°44'43
minimum elong	-7694 Sep 29 j 23:40	12°♌08'17	5°41'48
min. Earth dist.	-7694 Sep 29 j 06:10	12°♌35'21	0.26655 AU
morning rise	-7694 Oct 05 j 01:57	9°♌06'59	
direct	-7694 Oct 19 j 18:45	4°♌44'45	
asc. node	-7694 Oct 24 j 04:34	5°♌08'17	
greatest brilliancy	-7694 Oct 29 j 13:51	6°♌35'52	-4.9m
	-7694 Dec 01 j 10:05	0°♍	
morning max el	-7694 Dec 08 j 17:00	7°♍02'07	46°20'21
	-7694 Dec 30 j 17:13	0°♎	
	-7693 Jan 26 j 15:59	0°♏	
desc. node	-7693 Feb 13 j 17:46	20°♏44'17	
	-7693 Feb 21 j 17:03	0°♐	
	-7693 Mar 19 j 04:22	0°♑	
	-7693 Apr 13 j 04:23	0°♒	
	-7693 May 07 j 18:35	0°♓	
	-7693 Jun 01 j 00:31	0°♈	
morning set	-7693 Jun 03 j 21:29	3°♈34'46	
asc. node	-7693 Jun 05 j 20:29	6°♈01'15	
	-7693 Jun 25 j 00:07	0°♉	
max. Earth dist.	-7693 Jul 08 j 16:24	17°♉12'42	1.71174 AU
superior conj	-7693 Jul 11 j 07:02	20°♉30'02	1°10'02
minimum elong	-7693 Jul 10 j 22:12	20°♉02'12	1°10'10
	-7693 Jul 18 j 19:47	0°♊	
	-7693 Aug 11 j 14:16	0°♋	
evening rise	-7693 Aug 19 j 20:00	10°♋23'07	
	-7693 Sep 04 j 10:17	0°♌	
desc. node	-7693 Sep 26 j 04:43	27°♌14'28	
	-7693 Sep 28 j 09:49	0°♍	
	-7693 Oct 22 j 14:06	0°♎	
	-7693 Nov 16 j 00:25	0°♏	
	-7693 Dec 10 j 20:01	0°♐	
	-7692 Jan 05 j 08:38	0°♑	
asc. node	-7692 Jan 16 j 10:16	12°♑35'01	
	-7692 Feb 01 j 07:55	0°♒	
evening max el	-7692 Feb 21 j 13:27	20°♒27'50	44°58'30
	-7692 Mar 03 j 03:22	0°♓	
greatest brilliancy	-7692 Mar 30 j 05:07	17°♓20'07	-4.7m
retrograde	-7692 Apr 09 j 12:49	19°♓12'19	
evening set	-7692 Apr 24 j 13:39	14°♓58'15	
inferior conj	-7692 Apr 30 j 18:40	11°♓21'25	1°40'51
minimum elong	-7692 Apr 30 j 22:19	11°♓15'51	1°39'35
min. Earth dist.	-7692 May 01 j 17:54	10°♓46'00	0.28254 AU
morning rise	-7692 May 07 j 06:03	7°♓33'59	
desc. node	-7692 May 08 j 00:52	7°♓09'14	
direct	-7692 May 22 j 10:25	3°♓12'48	
greatest brilliancy	-7692 Jun 02 j 21:03	5°♓34'02	-4.8m
	-7692 Jul 06 j 09:18	0°♈	
morning max el	-7692 Jul 11 j 11:43	4°♈59'03	46°33'55
	-7692 Aug 03 j 22:04	0°♉	
asc. node	-7692 Aug 28 j 08:44	28°♉25'42	
	-7692 Aug 29 j 16:17	0°♊	
	-7692 Sep 23 j 08:53	0°♋	
	-7692 Oct 17 j 16:00	0°♌	
	-7692 Nov 10 j 22:03	0°♍	
	-7692 Dec 05 j 06:40	0°♎	
desc. node	-7692 Dec 18 j 18:15	16°♎32'29	
	-7692 Dec 29 j 18:00	0°♏	
morning set	-7691 Jan 16 j 17:36	22°♏00'25	
	-7691 Jan 23 j 06:23	0°♐	
	-7691 Feb 16 j 18:10	0°♑	
max. Earth dist.	-7691 Feb 21 j 11:26	5°♑47'14	1.73774 AU
superior conj	-7691 Feb 22 j 22:56	7°♑36'07	-1°18'44
minimum elong	-7691 Feb 23 j 03:17	7°♑49'28	1°19'12
	-7691 Mar 13 j 04:39	0°♒	
evening rise	-7691 Mar 30 j 15:48	21°♒28'32	
	-7691 Apr 06 j 14:02	0°♓	
asc. node	-7691 Apr 09 j 20:14	4°♓00'40	
	-7691 Apr 30 j 22:55	0°♈	
	-7691 May 25 j 08:06	0°♉	
	-7691 Jun 18 j 18:52	0°♊	
	-7691 Jul 13 j 09:45	0°♋	
desc. node	-7691 Jul 31 j 06:45	21°♋31'40	
	-7691 Aug 07 j 09:17	0°♌	
	-7691 Sep 02 j 02:39	0°♍	
evening max el	-7691 Sep 29 j 15:43	0°♎00'40	47°19'46
	-7691 Sep 29 j 15:28	0°♎	
	-7691 Nov 05 j 02:05	0°♏	
greatest brilliancy	-7691 Nov 08 j 19:10	1°♏40'36	-4.9m
retrograde	-7691 Nov 19 j 15:56	3°♏56'08	
asc. node	-7691 Nov 20 j 15:03	3°♏54'58	
	-7691 Dec 03 j 11:55	30°℞♎	
evening set	-7691 Dec 04 j 21:20	29°♎13'16	
min. Earth dist.	-7691 Dec 09 j 19:31	26°♎10'30	0.28281 AU
inferior conj	-7691 Dec 10 j 18:00	25°♎34'17	4°32'42
minimum elong	-7691 Dec 10 j 09:57	25°♎47'14	4°30'33
morning rise	-7691 Dec 15 j 23:26	22°♎19'12	
direct	-7691 Dec 31 j 18:36	17°♎24'18	
greatest brilliancy	-7690 Jan 09 j 12:49	18°♎49'51	-4.8m
	-7690 Jan 29 j 11:24	0°♏	
morning max el	-7690 Feb 18 j 11:10	17°♏12'44	45°55'01
	-7690 Mar 03 j 09:53	0°♐	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

desc. node	-7690 Mar 13 j 05:25	10°♐13'45	
	-7690 Mar 31 j 08:41	0°♑	
	-7690 Apr 26 j 14:33	0°♒	
	-7690 May 21 j 21:04	0°♓	
	-7690 Jun 15 j 11:36	0°♈	
asc. node	-7690 Jul 03 j 09:50	22°♈14'23	
	-7690 Jul 09 j 14:50	0°♉	
greatest brilliancy	-7690 Jul 27 j 14:56	22°♉38'21	-3.9m
	-7690 Aug 02 j 10:53	0°♊	
morning set	-7690 Aug 15 j 03:34	16°♊03'19	
	-7690 Aug 26 j 03:57	0°♋	
	-7690 Sep 18 j 21:44	0°♌	
superior conj	-7690 Sep 25 j 08:22	8°♌07'00	0°58'51
minimum elong	-7690 Sep 25 j 20:13	8°♌44'17	0°58'54
max. Earth dist.	-7690 Oct 01 j 06:36	15°♌34'04	1.71095 AU
	-7690 Oct 12 j 18:46	0°♍	
desc. node	-7690 Oct 23 j 17:41	13°♍41'36	
	-7690 Nov 05 j 19:59	0°♎	
evening rise	-7690 Nov 07 j 11:07	2°♎01'33	
	-7690 Nov 30 j 01:16	0°♏	
	-7690 Dec 24 j 10:44	0°♐	
	-7689 Jan 18 j 01:56	0°♑	
	-7689 Feb 12 j 02:22	0°♒	
asc. node	-7689 Feb 12 j 21:39	0°♒57'12	
	-7689 Mar 09 j 17:44	0°♓	
	-7689 Apr 05 j 10:18	0°♈	
	-7689 May 04 j 08:57	0°♉	
evening max el	-7689 May 04 j 18:00	0°♉21'46	45°57'29
desc. node	-7689 Jun 05 j 11:24	25°♉37'33	
greatest brilliancy	-7689 Jun 13 j 17:34	29°♉20'06	-4.8m
	-7689 Jun 15 j 22:35	0°♊	
retrograde	-7689 Jun 23 j 06:59	1°♊00'17	
	-7689 Jun 30 j 10:18	30°℞♉	
evening set	-7689 Jul 09 j 17:08	25°♉57'54	
inferior conj	-7689 Jul 14 j 03:19	23°♉22'56	-7°48'56
minimum elong	-7689 Jul 13 j 18:11	23°♉36'35	7°47'11
min. Earth dist.	-7689 Jul 14 j 02:25	23°♉24'16	0.26850 AU
morning rise	-7689 Jul 17 j 19:01	21°♉13'31	
direct	-7689 Aug 03 j 17:51	15°♉45'02	
greatest brilliancy	-7689 Aug 14 j 12:17	17°♉54'51	-4.9m
	-7689 Sep 02 j 21:20	0°♊	
morning max el	-7689 Sep 23 j 11:10	19°♊09'18	46°46'52
asc. node	-7689 Sep 25 j 20:02	21°♊36'01	
	-7689 Oct 03 j 17:40	0°♋	
	-7689 Oct 30 j 06:43	0°♌	
	-7689 Nov 24 j 17:03	0°♍	
	-7689 Dec 19 j 19:37	0°♎	
	-7688 Jan 13 j 19:49	0°♏	
desc. node	-7688 Jan 16 j 07:24	2°♏58'57	
	-7688 Feb 07 j 17:47	0°♐	
	-7688 Mar 03 j 12:08	0°♑	
morning set	-7688 Mar 25 j 20:17	27°♑15'53	
	-7688 Mar 28 j 01:50	0°♒	
	-7688 Apr 21 j 10:47	0°♓	
max. Earth dist.	-7688 Apr 26 j 01:56	5°♓43'40	1.72986 AU
superior conj	-7688 Apr 30 j 05:27	10°♓51'42	-0°16'35
minimum elong	-7688 Apr 30 j 08:38	11°♓01'33	0°16'40
asc. node	-7688 May 07 j 09:23	19°♓44'42	
	-7688 May 15 j 15:31	0°♈	
evening rise	-7688 Jun 05 j 00:56	25°♈24'45	
	-7688 Jun 08 j 17:07	0°♉	
	-7688 Jul 02 j 17:09	0°♊	
	-7688 Jul 26 j 17:42	0°♋	
	-7688 Aug 19 j 21:05	0°♌	
desc. node	-7688 Aug 27 j 18:25	9°♌45'10	
	-7688 Sep 13 j 05:48	0°♍	
	-7688 Oct 07 j 23:26	0°♎	
	-7688 Nov 02 j 09:36	0°♏	
	-7688 Nov 29 j 09:30	0°♐	
evening max el	-7688 Dec 09 j 03:39	9°♐59'39	45°44'06
asc. node	-7688 Dec 18 j 01:44	18°♐30'23	
	-7688 Dec 31 j 21:44	0°♑	
greatest brilliancy	-7687 Jan 16 j 06:50	8°♑49'30	-4.7m
retrograde	-7687 Jan 27 j 07:18	11°♑02'59	
evening set	-7687 Feb 13 j 22:55	5°♑04'36	
inferior conj	-7687 Feb 17 j 18:17	2°♑41'39	7°59'30
minimum elong	-7687 Feb 17 j 20:58	2°♑37'24	7°58'52
min. Earth dist.	-7687 Feb 18 j 03:32	2°♑26'58	0.29590 AU
morning rise	-7687 Feb 21 j 19:00	0°♑10'18	
	-7687 Feb 22 j 01:50	30°℞♐	
direct	-7687 Mar 11 j 15:22	24°♐09'34	
greatest brilliancy	-7687 Mar 21 j 18:11	25°♐59'52	-4.7m
	-7687 Mar 30 j 10:20	0°♑	
desc. node	-7687 Apr 09 j 16:24	6°♑47'37	
morning max el	-7687 Apr 29 j 18:20	24°♑10'39	46°02'06
	-7687 May 05 j 17:01	0°♒	
	-7687 Jun 02 j 18:47	0°♓	
	-7687 Jun 28 j 16:06	0°♈	
	-7687 Jul 23 j 11:06	0°♉	
asc. node	-7687 Jul 30 j 22:41	9°♉13'22	
	-7687 Aug 16 j 15:17	0°♊	
	-7687 Sep 09 j 12:21	0°♋	
	-7687 Oct 03 j 08:07	0°♌	
	-7687 Oct 27 j 06:27	0°♍	
morning set	-7687 Oct 31 j 14:07	5°♍23'32	
desc. node	-7687 Nov 20 j 07:01	29°♍54'16	
	-7687 Nov 20 j 08:52	0°♎	
superior conj	-7687 Dec 12 j 07:46	27°♎09'44	-0°47'08
minimum elong	-7687 Dec 11 j 22:05	26°♎39'51	0°46'56
	-7687 Dec 14 j 14:56	0°♏	
max. Earth dist.	-7687 Dec 15 j 13:15	1°♏08'50	1.72878 AU
	-7686 Jan 07 j 23:28	0°♐	
evening rise	-7686 Jan 20 j 03:13	14°♐56'27	
	-7686 Feb 01 j 09:48	0°♑	
greatest brilliancy	-7686 Feb 17 j 11:26	19°♑40'12	-3.9m
	-7686 Feb 25 j 22:32	0°♒	
asc. node	-7686 Mar 12 j 09:41	17°♒36'21	
	-7686 Mar 22 j 15:03	0°♓	
	-7686 Apr 16 j 13:04	0°♈	
	-7686 May 11 j 18:57	0°♉	
	-7686 Jun 06 j 13:54	0°♊	
desc. node	-7686 Jul 02 j 21:57	29°♊21'00	
	-7686 Jul 03 j 12:29	0°♋	
evening max el	-7686 Jul 17 j 16:03	14°♋42'53	47°32'27
	-7686 Aug 02 j 23:51	0°♌	
greatest brilliancy	-7686 Aug 28 j 02:36	16°♌08'57	-4.9m
retrograde	-7686 Sep 06 j 11:42	17°♌49'59	
evening set	-7686 Sep 22 j 13:52	12°♌40'55	
inferior conj	-7686 Sep 27 j 02:25	9°♌56'20	-6°02'51
minimum elong	-7686 Sep 27 j 12:45	9°♌40'21	5°59'58
min. Earth dist.	-7686 Sep 26 j 19:15	10°♌07'25	0.26632 AU
morning rise	-7686 Oct 02 j 11:59	6°♌43'37	
direct	-7686 Oct 17 j 08:01	2°♌18'08	
asc. node	-7686 Oct 23 j 06:45	3°♌00'27	
greatest brilliancy	-7686 Oct 27 j 02:44	4°♌09'04	-4.9m
	-7686 Dec 01 j 11:52	0°♍	
morning max el	-7686 Dec 06 j 07:18	4°♍41'45	46°21'20
	-7686 Dec 30 j 10:16	0°♎	
	-7685 Jan 26 j 06:04	0°♏	
desc. node	-7685 Feb 12 j 19:48	20°♏12'38	
	-7685 Feb 21 j 05:39	0°♐	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7685 Mar 18 j 16:07	0°♉	
	-7685 Apr 12 j 15:39	0°♒	
	-7685 May 07 j 05:34	0°♓	
	-7685 May 31 j 11:25	0°♈	
morning set	-7685 Jun 01 j 14:45	1°♈25'04	
asc. node	-7685 Jun 04 j 22:44	5°♈34'17	
	-7685 Jun 24 j 11:04	0°♉	
max. Earth dist.	-7685 Jul 05 j 22:38	14°♉26'37	1.71226 AU
superior conj	-7685 Jul 08 j 21:41	18°♉10'23	1°08'05
minimum elong	-7685 Jul 08 j 12:39	17°♉41'56	1°08'11
	-7685 Jul 18 j 06:48	0°♊	
	-7685 Aug 11 j 01:24	0°♋	
evening rise	-7685 Aug 17 j 06:05	7°♋48'28	
	-7685 Sep 03 j 21:32	0°♌	
desc. node	-7685 Sep 25 j 06:50	26°♌45'37	
	-7685 Sep 27 j 21:12	0°♍	
	-7685 Oct 22 j 01:39	0°♎	
	-7685 Nov 15 j 12:17	0°♏	
	-7685 Dec 10 j 08:29	0°♐	
	-7684 Jan 04 j 22:26	0°♑	
asc. node	-7684 Jan 15 j 12:25	11°♑59'33	
	-7684 Feb 01 j 01:02	0°♒	
evening max el	-7684 Feb 19 j 04:16	18°♒15'21	44°58'09
	-7684 Mar 03 j 09:18	0°♓	
greatest brilliancy	-7684 Mar 27 j 20:23	15°♓09'14	-4.7m
retrograde	-7684 Apr 07 j 03:00	17°♓00'58	
evening set	-7684 Apr 22 j 06:20	12°♓44'18	
inferior conj	-7684 Apr 28 j 09:53	9°♓09'19	2°00'25
minimum elong	-7684 Apr 28 j 14:11	9°♓02'44	1°58'58
min. Earth dist.	-7684 Apr 29 j 10:06	8°♓32'19	0.28318 AU
morning rise	-7684 May 04 j 21:01	5°♓21'28	
desc. node	-7684 May 07 j 03:07	4°♓12'35	
direct	-7684 May 20 j 01:46	0°♓59'20	
greatest brilliancy	-7684 May 31 j 13:05	3°♓20'28	-4.8m
	-7684 Jul 06 j 09:19	0°♈	
morning max el	-7684 Jul 09 j 01:38	2°♈38'23	46°32'50
	-7684 Aug 03 j 14:39	0°♉	
asc. node	-7684 Aug 27 j 10:49	27°♉49'35	
	-7684 Aug 29 j 06:22	0°♊	
	-7684 Sep 22 j 21:47	0°♋	
	-7684 Oct 17 j 04:13	0°♌	
	-7684 Nov 10 j 09:48	0°♍	
	-7684 Dec 04 j 18:04	0°♎	
desc. node	-7684 Dec 17 j 20:28	16°♎04'53	
	-7684 Dec 29 j 05:06	0°♏	
morning set	-7683 Jan 14 j 09:09	19°♏47'38	
	-7683 Jan 22 j 17:17	0°♐	
	-7683 Feb 16 j 04:58	0°♑	
max. Earth dist.	-7683 Feb 19 j 07:19	3°♑47'56	1.73773 AU
superior conj	-7683 Feb 20 j 17:39	5°♑33'13	-1°19'30
minimum elong	-7683 Feb 20 j 21:28	5°♑44'56	1°19'58
	-7683 Mar 12 j 15:27	0°♒	
evening rise	-7683 Mar 28 j 11:26	19°♒27'47	
	-7683 Apr 06 j 00:58	0°♓	
asc. node	-7683 Apr 08 j 22:24	3°♓33'35	
	-7683 Apr 30 j 10:07	0°♈	
	-7683 May 24 j 19:41	0°♉	
	-7683 Jun 18 j 07:00	0°♊	
	-7683 Jul 12 j 22:41	0°♋	
desc. node	-7683 Jul 30 j 08:48	20°♋56'45	
	-7683 Aug 06 j 23:27	0°♌	
	-7683 Sep 01 j 19:04	0°♍	
evening max el	-7683 Sep 27 j 06:22	27°♍39'19	47°22'23
	-7683 Sep 29 j 13:47	0°♎	
greatest brilliancy	-7683 Nov 06 j 13:14	29°♎26'19	-4.9m
	-7683 Nov 08 j 01:27	0°♏	
retrograde	-7683 Nov 17 j 08:05	1°♏40'33	
asc. node	-7683 Nov 19 j 17:26	1°♏33'24	
	-7683 Nov 26 j 06:25	30°℞♎	
evening set	-7683 Dec 02 j 11:58	27°♎00'16	
min. Earth dist.	-7683 Dec 07 j 11:49	23°♎55'27	0.28204 AU
inferior conj	-7683 Dec 08 j 10:08	23°♎19'32	4°16'02
minimum elong	-7683 Dec 08 j 02:24	23°♎31'59	4°13'55
morning rise	-7683 Dec 13 j 17:39	20°♎01'29	
direct	-7683 Dec 29 j 09:07	15°♎10'38	
greatest brilliancy	-7682 Jan 07 j 04:41	16°♎37'03	-4.8m
	-7682 Jan 29 j 23:31	0°♏	
morning max el	-7682 Feb 16 j 02:06	15°♏00'12	45°55'30
	-7682 Mar 03 j 04:19	0°♐	
desc. node	-7682 Mar 12 j 07:36	9°♐35'15	
	-7682 Mar 30 j 23:08	0°♑	
	-7682 Apr 26 j 03:21	0°♒	
	-7682 May 21 j 09:04	0°♓	
	-7682 Jun 14 j 23:10	0°♈	
asc. node	-7682 Jul 02 j 11:59	21°♈45'36	
	-7682 Jul 09 j 02:11	0°♉	
greatest brilliancy	-7682 Jul 27 j 07:15	22°♉54'14	-3.9m
	-7682 Aug 01 j 22:08	0°♊	
morning set	-7682 Aug 12 j 15:00	13°♊32'01	
	-7682 Aug 25 j 15:11	0°♋	
	-7682 Sep 18 j 09:01	0°♌	
superior conj	-7682 Sep 22 j 16:54	5°♌27'15	1°01'37
minimum elong	-7682 Sep 23 j 04:42	6°♌04'26	1°01'42
max. Earth dist.	-7682 Sep 28 j 07:14	12°♌29'50	1.71052 AU
	-7682 Oct 12 j 06:05	0°♍	
desc. node	-7682 Oct 22 j 19:51	13°♍13'06	
evening rise	-7682 Nov 04 j 20:25	29°♍26'11	
	-7682 Nov 05 j 07:18	0°♎	
	-7682 Nov 29 j 12:36	0°♏	
	-7682 Dec 23 j 22:11	0°♐	
	-7681 Jan 17 j 13:41	0°♑	
asc. node	-7681 Feb 11 j 23:48	0°♒26'46	
	-7681 Feb 11 j 14:46	0°♒	
	-7681 Mar 09 j 07:28	0°♓	
	-7681 Apr 05 j 02:51	0°♈	
evening max el	-7681 May 02 j 07:35	28°♈01'32	45°54'09
	-7681 May 04 j 09:23	0°♉	
desc. node	-7681 Jun 04 j 13:41	24°♉02'32	
greatest brilliancy	-7681 Jun 11 j 03:58	26°♉52'10	-4.8m
retrograde	-7681 Jun 20 j 19:30	28°♉33'54	
evening set	-7681 Jul 07 j 01:02	23°♉37'07	
inferior conj	-7681 Jul 11 j 15:33	20°♉56'20	-7°36'39
minimum elong	-7681 Jul 11 j 05:58	21°♉10'37	7°34'45
min. Earth dist.	-7681 Jul 11 j 14:49	20°♉57'25	0.26879 AU
morning rise	-7681 Jul 15 j 10:41	18°♉42'20	
direct	-7681 Aug 01 j 07:10	13°♉17'46	
greatest brilliancy	-7681 Aug 12 j 01:57	15°♉28'20	-4.9m
	-7681 Sep 03 j 09:32	0°♊	
morning max el	-7681 Sep 21 j 01:18	16°♊43'44	46°47'07
asc. node	-7681 Sep 24 j 22:19	20°♊44'51	
	-7681 Oct 03 j 13:14	0°♋	
	-7681 Oct 29 j 22:15	0°♌	
	-7681 Nov 24 j 06:47	0°♍	
	-7681 Dec 19 j 08:18	0°♎	
	-7680 Jan 13 j 07:49	0°♏	
desc. node	-7680 Jan 15 j 09:22	2°♏28'57	
	-7680 Feb 07 j 05:19	0°♐	
	-7680 Mar 02 j 23:20	0°♑	
morning set	-7680 Mar 23 j 15:43	25°♑14'38	
	-7680 Mar 27 j 12:51	0°♒	
	-7680 Apr 20 j 21:45	0°♓	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

max. Earth dist.	-7680 Apr 23 j 23:54	3°♓49'11	1.73037 AU	
superior conj	-7680 Apr 28 j 00:41	8°♓48'35	-0°19'31	
minimum elong	-7680 Apr 28 j 04:23	9°♓00'03	0°19'35	
asc. node	-7680 May 06 j 11:38	19°♓17'32		
	-7680 May 15 j 02:34	0°♈		
evening rise	-7680 Jun 02 j 18:57	23°♈16'16		
	-7680 Jun 08 j 04:21	0°♉		
	-7680 Jul 02 j 04:39	0°♊		
	-7680 Jul 26 j 05:29	0°♋		
	-7680 Aug 19 j 09:14	0°♌		
desc. node	-7680 Aug 26 j 20:34	9°♌13'51		
	-7680 Sep 12 j 18:27	0°♍		
	-7680 Oct 07 j 12:53	0°♎		
	-7680 Nov 02 j 00:38	0°♏		
	-7680 Nov 29 j 04:36	0°♐		
evening max el	-7680 Dec 06 j 20:32	7°♐48'44	45°47'10	
asc. node	-7680 Dec 17 j 03:56	17°♐35'45		
	-7679 Jan 01 j 15:34	0°♑		
greatest brilliancy	-7679 Jan 13 j 23:32	6°♑41'53	-4.7m	
retrograde	-7679 Jan 25 j 01:07	8°♑56'08		
evening set	-7679 Feb 11 j 16:40	2°♑56'48		
inferior conj	-7679 Feb 15 j 11:36	0°♑34'09	8°02'14	
minimum elong	-7679 Feb 15 j 13:39	0°♑30'53	8°01'39	
min. Earth dist.	-7679 Feb 15 j 19:06	0°♑22'12	0.29588 AU	
	-7679 Feb 16 j 09:03	30°℞♐		
morning rise	-7679 Feb 19 j 10:41	28°♐05'08		
direct	-7679 Mar 09 j 08:53	22°♐02'19		
greatest brilliancy	-7679 Mar 19 j 08:34	23°♐50'14	-4.7m	
	-7679 Mar 31 j 15:52	0°♑		
desc. node	-7679 Apr 08 j 18:37	5°♑43'15		
morning max el	-7679 Apr 27 j 11:17	22°♑02'42	46°01'18	
	-7679 May 05 j 13:02	0°♒		
	-7679 Jun 02 j 09:58	0°♓		
	-7679 Jun 28 j 05:27	0°♈		
	-7679 Jul 22 j 23:36	0°♉		
asc. node	-7679 Jul 30 j 00:45	8°♉41'36		
	-7679 Aug 16 j 03:21	0°♊		
	-7679 Sep 09 j 00:10	0°♋		
	-7679 Oct 02 j 19:45	0°♌		
	-7679 Oct 26 j 17:56	0°♍		
morning set	-7679 Oct 29 j 00:04	2°♍49'02		
desc. node	-7679 Nov 19 j 09:10	29°♍25'38		
	-7679 Nov 19 j 20:14	0°♎		
superior conj	-7679 Dec 09 j 19:57	24°♎44'18	-0°44'09	
minimum elong	-7679 Dec 09 j 10:33	24°♎15'16	0°43'56	
max. Earth dist.	-7679 Dec 13 j 08:04	29°♎03'58	1.72825 AU	
	-7679 Dec 14 j 02:13	0°♏		
	-7678 Jan 07 j 10:42	0°♐		
evening rise	-7678 Jan 17 j 19:32	12°♐44'44		
	-7678 Jan 31 j 21:05	0°♑		
	-7678 Feb 25 j 09:58	0°♒		
asc. node	-7678 Mar 11 j 11:56	17°♒07'47		
	-7678 Mar 22 j 02:52	0°♓		
	-7678 Apr 16 j 01:34	0°♈		
	-7678 May 11 j 08:35	0°♉		
	-7678 Jun 06 j 05:31	0°♊		
desc. node	-7678 Jul 01 j 24:00	28°♊33'54		
	-7678 Jul 03 j 08:20	0°♋		
evening max el	-7678 Jul 15 j 06:25	12°♋19'01	47°30'08	
	-7678 Aug 03 j 11:45	0°♌		
greatest brilliancy	-7678 Aug 25 j 16:16	13°♌39'25	-4.9m	
retrograde	-7678 Sep 04 j 00:27	15°♌19'01		
evening set	-7678 Sep 20 j 05:50	10°♌06'18		
inferior conj	-7678 Sep 24 j 15:02	7°♌26'32	-6°20'28	
minimum elong	-7678 Sep 25 j 01:28	7°♌10'23	6°17'38	
min. Earth dist.	-7678 Sep 24 j 08:26	7°♌36'45	0.26613 AU	
morning rise	-7678 Sep 29 j 21:27	4°♌18'09		
	-7678 Oct 11 j 22:10	30°℞♋		
direct	-7678 Oct 14 j 20:40	29°♋49'14		
	-7678 Oct 17 j 20:05	0°♌		
asc. node	-7678 Oct 22 j 09:03	0°♌55'48		
greatest brilliancy	-7678 Oct 24 j 15:55	1°♌40'23	-4.9m	
	-7678 Dec 01 j 13:00	0°♍		
morning max el	-7678 Dec 03 j 20:24	2°♍16'41	46°22'25	
	-7678 Dec 30 j 03:28	0°♎		
	-7677 Jan 25 j 20:25	0°♏		
desc. node	-7677 Feb 11 j 21:57	19°♏40'22		
	-7677 Feb 20 j 18:34	0°♐		
	-7677 Mar 18 j 04:12	0°♑		
	-7677 Apr 12 j 03:14	0°♒		
	-7677 May 06 j 16:53	0°♓		
morning set	-7677 May 30 j 08:21	29°♓15'33		
	-7677 May 30 j 22:38	0°♈		
asc. node	-7677 Jun 04 j 00:51	5°♈06'00		
	-7677 Jun 23 j 22:16	0°♉		
max. Earth dist.	-7677 Jul 03 j 08:07	11°♉50'04	1.71281 AU	
superior conj	-7677 Jul 06 j 12:47	15°♉51'24	1°06'03	
minimum elong	-7677 Jul 06 j 03:35	15°♉22'27	1°06'06	
	-7677 Jul 17 j 18:05	0°♊		
	-7677 Aug 10 j 12:49	0°♋		
evening rise	-7677 Aug 14 j 16:35	5°♋14'19		
	-7677 Sep 03 j 09:06	0°♌		
desc. node	-7677 Sep 24 j 09:01	26°♌15'52		
	-7677 Sep 27 j 08:57	0°♍		
	-7677 Oct 21 j 13:37	0°♎		
	-7677 Nov 15 j 00:34	0°♏		
	-7677 Dec 09 j 21:25	0°♐		
	-7676 Jan 04 j 12:47	0°♑		
asc. node	-7676 Jan 14 j 14:35	11°♑22'44		
	-7676 Jan 31 j 18:58	0°♒		
evening max el	-7676 Feb 16 j 18:21	16°♒00'03	44°57'59	
	-7676 Mar 03 j 18:11	0°♓		
greatest brilliancy	-7676 Mar 25 j 11:09	12°♓56'48	-4.7m	
retrograde	-7676 Apr 04 j 17:23	14°♓48'50		
evening set	-7676 Apr 19 j 23:03	10°♓29'03		
inferior conj	-7676 Apr 26 j 01:03	6°♓56'12	2°19'51	
minimum elong	-7676 Apr 26 j 05:59	6°♓48'40	2°18'13	
min. Earth dist.	-7676 Apr 27 j 02:17	6°♓17'40	0.28382 AU	
morning rise	-7676 May 02 j 11:49	3°♓08'26		
desc. node	-7676 May 06 j 05:21	1°♓18'32		
	-7676 May 09 j 16:56	30°℞♒		
direct	-7676 May 17 j 16:59	28°♒44'44		
	-7676 May 25 j 23:53	0°♓		
greatest brilliancy	-7676 May 29 j 05:31	1°♓06'37	-4.8m	
	-7676 Jul 06 j 08:37	0°♈		
morning max el	-7676 Jul 06 j 16:03	0°♈18'26	46°32'00	
	-7676 Aug 03 j 07:08	0°♉		
asc. node	-7676 Aug 26 j 13:08	27°♉13'50		
	-7676 Aug 28 j 20:30	0°♊		
	-7676 Sep 22 j 10:47	0°♋		
	-7676 Oct 16 j 16:36	0°♌		
	-7676 Nov 09 j 21:48	0°♍		
	-7676 Dec 04 j 05:45	0°♎		
desc. node	-7676 Dec 16 j 22:26	15°♎35'37		
	-7676 Dec 28 j 16:31	0°♏		
morning set	-7675 Jan 12 j 00:02	17°♏31'49		
	-7675 Jan 22 j 04:29	0°♐		
	-7675 Feb 15 j 16:02	0°♑		
max. Earth dist.	-7675 Feb 17 j 02:54	1°♑46'53	1.73771 AU	
superior conj	-7675 Feb 18 j 11:56	3°♑28'09	-1°20'09	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

minimum elong	-7675 Feb 18 j 15:11	3°♉38'08	1°20'39
	-7675 Mar 12 j 02:32	0°♒	
evening rise	-7675 Mar 26 j 06:50	17°♒25'41	
	-7675 Apr 05 j 12:11	0°♓	
asc. node	-7675 Apr 08 j 00:37	3°♓05'53	
	-7675 Apr 29 j 21:35	0°♈	
	-7675 May 24 j 07:32	0°♉	
	-7675 Jun 17 j 19:23	0°♊	
	-7675 Jul 12 j 11:50	0°♋	
desc. node	-7675 Jul 29 j 11:02	20°♋21'50	
	-7675 Aug 06 j 13:51	0°♌	
	-7675 Sep 01 j 11:49	0°♍	
evening max el	-7675 Sep 24 j 21:09	25°♍18'06	47°24'52
	-7675 Sep 29 j 13:06	0°♎	
greatest brilliancy	-7675 Nov 04 j 06:33	27°♎10'14	-4.9m
retrograde	-7675 Nov 15 j 00:20	29°♎23'58	
asc. node	-7675 Nov 18 j 19:36	29°♎05'40	
evening set	-7675 Nov 30 j 02:32	24°♎45'43	
min. Earth dist.	-7675 Dec 05 j 03:50	21°♎39'17	0.28134 AU
inferior conj	-7675 Dec 06 j 02:06	21°♎03'31	3°58'39
minimum elong	-7675 Dec 05 j 18:43	21°♎15'23	3°56'37
morning rise	-7675 Dec 11 j 11:42	17°♎42'44	
direct	-7675 Dec 26 j 23:41	12°♎55'32	
greatest brilliancy	-7674 Jan 04 j 20:27	14°♎23'02	-4.8m
	-7674 Jan 30 j 08:55	0°♏	
morning max el	-7674 Feb 13 j 17:51	12°♏48'49	45°55'58
	-7674 Mar 02 j 22:35	0°♐	
desc. node	-7674 Mar 11 j 09:50	8°♐56'38	
	-7674 Mar 30 j 13:38	0°♑	
	-7674 Apr 25 j 16:15	0°♒	
	-7674 May 20 j 21:09	0°♓	
	-7674 Jun 14 j 10:50	0°♈	
asc. node	-7674 Jul 01 j 14:00	21°♈16'05	
	-7674 Jul 08 j 13:37	0°♉	
greatest brilliancy	-7674 Jul 26 j 20:39	23°♉00'42	-3.9m
	-7674 Aug 01 j 09:29	0°♊	
morning set	-7674 Aug 10 j 02:48	11°♊01'41	
	-7674 Aug 25 j 02:30	0°♋	
	-7674 Sep 17 j 20:18	0°♌	
superior conj	-7674 Sep 20 j 01:50	2°♌48'43	1°04'15
minimum elong	-7674 Sep 20 j 13:29	3°♌25'23	1°04'20
max. Earth dist.	-7674 Sep 25 j 11:42	9°♌37'29	1.71008 AU
	-7674 Oct 11 j 17:21	0°♍	
desc. node	-7674 Oct 21 j 21:59	12°♍44'34	
evening rise	-7674 Nov 02 j 05:57	26°♍51'38	
	-7674 Nov 04 j 18:34	0°♎	
	-7674 Nov 28 j 23:55	0°♏	
	-7674 Dec 23 j 09:39	0°♐	
	-7673 Jan 17 j 01:30	0°♑	
asc. node	-7673 Feb 11 j 02:03	29°♑56'20	
	-7673 Feb 11 j 03:17	0°♒	
	-7673 Mar 08 j 21:23	0°♓	
	-7673 Apr 04 j 19:46	0°♈	
evening max el	-7673 Apr 29 j 21:47	25°♈42'51	45°50'54
	-7673 May 04 j 11:06	0°♉	
desc. node	-7673 Jun 03 j 15:45	22°♉23'32	
greatest brilliancy	-7673 Jun 08 j 14:06	24°♉24'06	-4.8m
retrograde	-7673 Jun 18 j 07:57	26°♉07'12	
evening set	-7673 Jul 04 j 08:58	21°♉16'08	
inferior conj	-7673 Jul 09 j 03:38	18°♉29'30	-7°23'27
minimum elong	-7673 Jul 08 j 17:42	18°♉44'18	7°21'24
min. Earth dist.	-7673 Jul 09 j 03:02	18°♉30'24	0.26908 AU
morning rise	-7673 Jul 13 j 02:16	16°♉10'40	
direct	-7673 Jul 29 j 20:42	10°♉50'25	
greatest brilliancy	-7673 Aug 09 j 15:08	13°♉00'59	-4.9m
	-7673 Sep 03 j 18:39	0°♊	
morning max el	-7673 Sep 18 j 15:18	14°♊17'59	46°47'29
asc. node	-7673 Sep 24 j 00:30	19°♊54'23	
	-7673 Oct 03 j 08:13	0°♋	
	-7673 Oct 29 j 13:27	0°♌	
	-7673 Nov 23 j 20:14	0°♍	
	-7673 Dec 18 j 20:44	0°♎	
	-7672 Jan 12 j 19:36	0°♏	
desc. node	-7672 Jan 14 j 11:33	2°♏00'11	
	-7672 Feb 06 j 16:40	0°♐	
	-7672 Mar 02 j 10:24	0°♑	
morning set	-7672 Mar 21 j 10:58	23°♑13'12	
	-7672 Mar 26 j 23:46	0°♒	
	-7672 Apr 20 j 08:35	0°♓	
max. Earth dist.	-7672 Apr 21 j 20:03	1°♓49'31	1.73085 AU
superior conj	-7672 Apr 25 j 19:44	6°♓45'23	-0°22'26
minimum elong	-7672 Apr 25 j 23:56	6°♓58'22	0°22'28
asc. node	-7672 May 05 j 13:40	18°♓50'05	
	-7672 May 14 j 13:29	0°♈	
evening rise	-7672 May 31 j 12:50	21°♈07'52	
	-7672 Jun 07 j 15:27	0°♉	
	-7672 Jul 01 j 16:01	0°♊	
	-7672 Jul 25 j 17:11	0°♋	
	-7672 Aug 18 j 21:17	0°♌	
desc. node	-7672 Aug 25 j 22:47	8°♌43'04	
	-7672 Sep 12 j 07:00	0°♍	
	-7672 Oct 07 j 02:14	0°♎	
	-7672 Nov 01 j 15:35	0°♏	
	-7672 Nov 28 j 23:50	0°♐	
evening max el	-7672 Dec 04 j 13:08	5°♐38'02	45°50'18
asc. node	-7672 Dec 16 j 06:03	16°♐41'05	
	-7671 Jan 02 j 15:01	0°♑	
greatest brilliancy	-7671 Jan 11 j 16:53	4°♑36'13	-4.7m
retrograde	-7671 Jan 22 j 18:39	6°♑50'36	
evening set	-7671 Feb 09 j 10:24	0°♑50'52	
	-7671 Feb 10 j 19:15	30°℞♐	
inferior conj	-7671 Feb 13 j 05:08	28°♐28'07	8°04'15
minimum elong	-7671 Feb 13 j 06:33	28°♐25'51	8°03'42
min. Earth dist.	-7671 Feb 13 j 11:04	28°♐18'37	0.29584 AU
morning rise	-7671 Feb 17 j 02:45	26°♐00'58	
direct	-7671 Mar 07 j 02:27	19°♐56'35	
greatest brilliancy	-7671 Mar 16 j 23:25	21°♐42'10	-4.7m
	-7671 Apr 01 j 12:48	0°♑	
desc. node	-7671 Apr 07 j 20:48	4°♑41'18	
morning max el	-7671 Apr 25 j 03:36	19°♑54'01	46°00'22
	-7671 May 05 j 08:13	0°♒	
	-7671 Jun 02 j 00:43	0°♓	
	-7671 Jun 27 j 18:29	0°♈	
	-7671 Jul 22 j 11:48	0°♉	
asc. node	-7671 Jul 29 j 03:02	8°♉11'26	
	-7671 Aug 15 j 15:08	0°♊	
	-7671 Sep 08 j 11:42	0°♋	
	-7671 Oct 02 j 07:07	0°♌	
morning set	-7671 Oct 26 j 10:01	0°♍15'11	
	-7671 Oct 26 j 05:10	0°♍	
desc. node	-7671 Nov 18 j 11:09	28°♍57'24	
	-7671 Nov 19 j 07:20	0°♎	
superior conj	-7671 Dec 07 j 08:12	22°♎19'56	-0°41'05
minimum elong	-7671 Dec 06 j 23:10	21°♎52'02	0°40'51
max. Earth dist.	-7671 Dec 11 j 03:22	27°♎01'30	1.72763 AU
	-7671 Dec 13 j 13:11	0°♏	
	-7670 Jan 06 j 21:34	0°♐	
evening rise	-7670 Jan 15 j 12:00	10°♐34'29	
	-7670 Jan 31 j 07:58	0°♑	
	-7670 Feb 24 j 21:03	0°♒	
asc. node	-7670 Mar 10 j 14:07	16°♒40'09	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7670 Mar 21 j 14:23	0°♓	
	-7670 Apr 15 j 13:49	0°♈	
	-7670 May 10 j 22:02	0°♉	
	-7670 Jun 05 j 21:03	0°♊	
desc. node	-7670 Jul 01 j 02:14	27°♊47'34	
	-7670 Jul 03 j 04:27	0°♋	
evening max el	-7670 Jul 12 j 19:48	9°♋53'31	47°27'43
	-7670 Aug 04 j 02:58	0°♌	
greatest brilliancy	-7670 Aug 23 j 06:17	11°♌11'07	-4.9m
retrograde	-7670 Sep 01 j 12:32	12°♌48'56	
evening set	-7670 Sep 17 j 21:46	7°♌32'25	
inferior conj	-7670 Sep 22 j 03:37	4°♌57'40	-6°37'16
minimum elong	-7670 Sep 22 j 14:04	4°♌41'29	6°34'32
min. Earth dist.	-7670 Sep 21 j 21:52	5°♌06'34	0.26597 AU
morning rise	-7670 Sep 27 j 06:38	1°♌53'51	
	-7670 Oct 01 j 00:09	30°℞♋	
direct	-7670 Oct 12 j 08:51	27°♋20'58	
asc. node	-7670 Oct 21 j 11:15	28°♋56'56	
greatest brilliancy	-7670 Oct 22 j 05:39	29°♋13'05	-4.9m
	-7670 Oct 24 j 05:14	0°♌	
morning max el	-7670 Dec 01 j 09:04	29°♌51'08	46°23'40
	-7670 Dec 01 j 12:37	0°♍	
	-7670 Dec 29 j 19:58	0°♎	
	-7669 Jan 25 j 10:12	0°♏	
desc. node	-7669 Feb 11 j 00:11	19°♏09'41	
	-7669 Feb 20 j 06:57	0°♐	
	-7669 Mar 17 j 15:47	0°♑	
	-7669 Apr 11 j 14:22	0°♒	
	-7669 May 06 j 03:49	0°♓	
morning set	-7669 May 28 j 02:01	27°♓07'23	
	-7669 May 30 j 09:30	0°♈	
asc. node	-7669 Jun 03 j 02:58	4°♈38'41	
	-7669 Jun 23 j 09:10	0°♉	
max. Earth dist.	-7669 Jun 30 j 19:35	9°♉20'46	1.71339 AU
superior conj	-7669 Jul 04 j 03:52	13°♉33'23	1°03'54
minimum elong	-7669 Jul 03 j 18:35	13°♉04'08	1°03'55
	-7669 Jul 17 j 05:04	0°♊	
	-7669 Aug 09 j 23:55	0°♋	
evening rise	-7669 Aug 12 j 03:11	2°♋41'31	
	-7669 Sep 02 j 20:21	0°♌	
desc. node	-7669 Sep 23 j 11:06	25°♌46'46	
	-7669 Sep 26 j 20:23	0°♍	
	-7669 Oct 21 j 01:17	0°♎	
	-7669 Nov 14 j 12:34	0°♏	
	-7669 Dec 09 j 10:04	0°♐	
	-7668 Jan 04 j 02:52	0°♑	
asc. node	-7668 Jan 13 j 16:56	10°♑47'27	
	-7668 Jan 31 j 12:46	0°♒	
evening max el	-7668 Feb 14 j 08:45	13°♒47'07	44°58'09
	-7668 Mar 04 j 05:12	0°♓	
greatest brilliancy	-7668 Mar 23 j 01:31	10°♓46'11	-4.7m
retrograde	-7668 Apr 02 j 08:41	12°♓39'24	
evening set	-7668 Apr 17 j 16:14	8°♓16'07	
inferior conj	-7668 Apr 23 j 16:33	4°♓45'28	2°38'42
minimum elong	-7668 Apr 23 j 22:05	4°♓37'01	2°36'55
min. Earth dist.	-7668 Apr 24 j 18:21	4°♓06'05	0.28450 AU
morning rise	-7668 Apr 30 j 02:51	0°♓58'15	
	-7668 May 01 j 23:45	30°℞♒	
desc. node	-7668 May 05 j 07:25	28°♒31'35	
direct	-7668 May 15 j 08:48	26°♒32'31	
greatest brilliancy	-7668 May 26 j 22:06	28°♒55'09	-4.8m
	-7668 May 29 j 10:51	0°♓	
morning max el	-7668 Jul 04 j 07:39	28°♓02'50	46°30'53
	-7668 Jul 06 j 06:32	0°♈	
	-7668 Aug 02 j 23:03	0°♉	
asc. node	-7668 Aug 25 j 15:17	26°♉38'39	
	-7668 Aug 28 j 10:14	0°♊	
	-7668 Sep 21 j 23:29	0°♋	
	-7668 Oct 16 j 04:41	0°♌	
	-7668 Nov 09 j 09:29	0°♍	
	-7668 Dec 03 j 17:06	0°♎	
desc. node	-7668 Dec 16 j 00:36	15°♎07'51	
	-7668 Dec 28 j 03:36	0°♏	
morning set	-7667 Jan 09 j 14:45	15°♏16'17	
	-7667 Jan 21 j 15:22	0°♐	
max. Earth dist.	-7667 Feb 14 j 23:20	29°♐49'25	1.73763 AU
	-7667 Feb 15 j 02:47	0°♑	
superior conj	-7667 Feb 16 j 06:16	1°♑24'16	-1°20'42
minimum elong	-7667 Feb 16 j 08:57	1°♑32'30	1°21'13
	-7667 Mar 11 j 13:15	0°♒	
evening rise	-7667 Mar 24 j 02:31	15°♒25'36	
	-7667 Apr 04 j 23:01	0°♓	
asc. node	-7667 Apr 07 j 02:42	2°♓38'56	
	-7667 Apr 29 j 08:40	0°♈	
	-7667 May 23 j 19:02	0°♉	
	-7667 Jun 17 j 07:31	0°♊	
	-7667 Jul 12 j 00:50	0°♋	
desc. node	-7667 Jul 28 j 13:15	19°♋47'17	
	-7667 Aug 06 j 04:12	0°♌	
	-7667 Sep 01 j 04:46	0°♍	
evening max el	-7667 Sep 22 j 12:47	22°♍59'24	47°27'19
	-7667 Sep 29 j 13:21	0°♎	
greatest brilliancy	-7667 Nov 01 j 23:12	24°♎53'15	-4.9m
retrograde	-7667 Nov 12 j 16:49	27°♎07'03	
asc. node	-7667 Nov 17 j 21:45	26°♎32'30	
evening set	-7667 Nov 27 j 17:01	22°♎30'37	
min. Earth dist.	-7667 Dec 02 j 19:19	19°♎23'06	0.28060 AU
inferior conj	-7667 Dec 03 j 17:48	18°♎47'06	3°40'49
minimum elong	-7667 Dec 03 j 10:49	18°♎58'18	3°38'50
morning rise	-7667 Dec 09 j 05:28	15°♎23'53	
direct	-7667 Dec 24 j 14:29	10°♎40'10	
greatest brilliancy	-7666 Jan 02 j 11:31	12°♎08'22	-4.8m
	-7666 Jan 30 j 15:32	0°♏	
morning max el	-7666 Feb 11 j 10:11	10°♏39'23	45°56'31
	-7666 Mar 02 j 16:10	0°♐	
desc. node	-7666 Mar 10 j 11:55	8°♐18'44	
	-7666 Mar 30 j 03:43	0°♑	
	-7666 Apr 25 j 04:47	0°♒	
	-7666 May 20 j 08:53	0°♓	
	-7666 Jun 13 j 22:09	0°♈	
asc. node	-7666 Jun 30 j 16:18	20°♈48'23	
	-7666 Jul 08 j 00:45	0°♉	
greatest brilliancy	-7666 Jul 26 j 05:16	22°♉52'49	-3.9m
	-7666 Jul 31 j 20:35	0°♊	
morning set	-7666 Aug 07 j 14:50	8°♊32'49	
	-7666 Aug 24 j 13:38	0°♋	
superior conj	-7666 Sep 17 j 10:33	0°♌09'40	1°06'43
minimum elong	-7666 Sep 17 j 21:54	0°♌45'25	1°06'52
	-7666 Sep 17 j 07:29	0°♌	
max. Earth dist.	-7666 Sep 22 j 17:18	6°♌48'53	1.70971 AU
	-7666 Oct 11 j 04:33	0°♍	
desc. node	-7666 Oct 21 j 00:01	12°♍15'56	
evening rise	-7666 Oct 30 j 14:43	24°♍14'48	
	-7666 Nov 04 j 05:46	0°♎	
	-7666 Nov 28 j 11:10	0°♏	
	-7666 Dec 22 j 21:03	0°♐	
	-7665 Jan 16 j 13:15	0°♑	
asc. node	-7665 Feb 10 j 04:14	29°♑25'58	
	-7665 Feb 10 j 15:46	0°♒	
	-7665 Mar 08 j 11:18	0°♓	
	-7665 Apr 04 j 12:50	0°♈	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening max el	-7665 Apr 27 j 12:31	23°♈26'21	45°47'48
	-7665 May 04 j 13:53	0°♉	
desc. node	-7665 Jun 02 j 18:01	20°♉42'28	
greatest brilliancy	-7665 Jun 06 j 00:55	21°♉58'30	-4.8m
retrograde	-7665 Jun 15 j 20:21	23°♉42'20	
evening set	-7665 Jul 01 j 17:25	18°♉57'06	
inferior conj	-7665 Jul 06 j 16:05	16°♉04'41	-7°09'34
minimum elong	-7665 Jul 06 j 05:52	16°♉19'55	7°07'23
min. Earth dist.	-7665 Jul 06 j 15:39	16°♉05'19	0.26937 AU
morning rise	-7665 Jul 10 j 18:10	13°♉40'52	
direct	-7665 Jul 27 j 10:33	8°♉25'14	
greatest brilliancy	-7665 Aug 07 j 04:29	10°♉35'17	-4.9m
	-7665 Sep 04 j 00:58	0°♊	
morning max el	-7665 Sep 16 j 04:28	11°♊50'36	46°47'24
asc. node	-7665 Sep 23 j 02:41	19°♊05'16	
	-7665 Oct 03 j 02:38	0°♋	
	-7665 Oct 29 j 04:29	0°♌	
	-7665 Nov 23 j 09:39	0°♍	
	-7665 Dec 18 j 09:13	0°♎	
	-7664 Jan 12 j 07:26	0°♏	
desc. node	-7664 Jan 13 j 13:45	1°♏31'18	
	-7664 Feb 06 j 04:03	0°♐	
	-7664 Mar 01 j 21:30	0°♑	
morning set	-7664 Mar 19 j 06:00	21°♑11'06	
	-7664 Mar 26 j 10:41	0°♒	
max. Earth dist.	-7664 Apr 19 j 14:47	29°♒45'32	1.73130 AU
	-7664 Apr 19 j 19:28	0°♓	
superior conj	-7664 Apr 23 j 14:55	4°♓42'35	-0°25'17
minimum elong	-7664 Apr 23 j 19:36	4°♓57'02	0°25'21
asc. node	-7664 May 04 j 15:50	18°♓22'54	
	-7664 May 14 j 00:25	0°♈	
evening rise	-7664 May 29 j 07:03	19°♈00'37	
	-7664 Jun 07 j 02:34	0°♉	
	-7664 Jul 01 j 03:22	0°♊	
	-7664 Jul 25 j 04:49	0°♋	
	-7664 Aug 18 j 09:18	0°♌	
desc. node	-7664 Aug 25 j 00:52	8°♌11'57	
	-7664 Sep 11 j 19:35	0°♍	
	-7664 Oct 06 j 15:44	0°♎	
	-7664 Nov 01 j 06:53	0°♏	
	-7664 Nov 28 j 19:56	0°♐	
evening max el	-7664 Dec 02 j 04:47	3°♐23'51	45°53'23
asc. node	-7664 Dec 15 j 08:27	15°♐44'52	
	-7663 Jan 04 j 01:06	0°♑	
greatest brilliancy	-7663 Jan 09 j 10:37	2°♑29'33	-4.7m
retrograde	-7663 Jan 20 j 11:34	4°♑43'35	
	-7663 Feb 05 j 00:11	30°℞♐	
evening set	-7663 Feb 07 j 03:40	28°♐43'53	
inferior conj	-7663 Feb 10 j 22:27	26°♐20'44	8°05'36
minimum elong	-7663 Feb 10 j 23:12	26°♐19'32	8°05'06
min. Earth dist.	-7663 Feb 11 j 03:08	26°♐13'15	0.29575 AU
morning rise	-7663 Feb 14 j 18:49	23°♐55'09	
direct	-7663 Mar 04 j 19:22	17°♐49'29	
greatest brilliancy	-7663 Mar 14 j 14:34	19°♐33'18	-4.7m
	-7663 Apr 02 j 04:50	0°♑	
desc. node	-7663 Apr 06 j 22:57	3°♑40'02	
morning max el	-7663 Apr 22 j 18:49	17°♑42'01	45°59'36
	-7663 May 05 j 03:07	0°♒	
	-7663 Jun 01 j 15:28	0°♓	
	-7663 Jun 27 j 07:34	0°♈	
	-7663 Jul 22 j 00:05	0°♉	
asc. node	-7663 Jul 28 j 05:08	7°♉40'26	
	-7663 Aug 15 j 02:58	0°♊	
	-7663 Sep 07 j 23:17	0°♋	
	-7663 Oct 01 j 18:32	0°♌	
morning set	-7663 Oct 23 j 20:03	27°♌41'08	
	-7663 Oct 25 j 16:29	0°♍	
desc. node	-7663 Nov 17 j 13:20	28°♍29'13	
	-7663 Nov 18 j 18:35	0°♎	
superior conj	-7663 Dec 04 j 20:02	19°♎53'34	-0°37'55
minimum elong	-7663 Dec 04 j 11:28	19°♎27'03	0°37'40
max. Earth dist.	-7663 Dec 08 j 20:55	24°♎52'55	1.72706 AU
	-7663 Dec 13 j 00:22	0°♏	
	-7662 Jan 06 j 08:43	0°♐	
evening rise	-7662 Jan 13 j 03:45	8°♐21'08	
	-7662 Jan 30 j 19:09	0°♑	
	-7662 Feb 24 j 08:26	0°♒	
asc. node	-7662 Mar 09 j 16:13	16°♒11'19	
	-7662 Mar 21 j 02:13	0°♓	
	-7662 Apr 15 j 02:26	0°♈	
	-7662 May 10 j 11:54	0°♉	
	-7662 Jun 05 j 13:07	0°♊	
desc. node	-7662 Jun 30 j 04:32	26°♊59'55	
	-7662 Jul 03 j 01:28	0°♋	
evening max el	-7662 Jul 10 j 08:16	7°♋25'10	47°25'20
	-7662 Aug 04 j 23:27	0°♌	
greatest brilliancy	-7662 Aug 20 j 20:26	8°♌42'38	-4.9m
retrograde	-7662 Aug 30 j 00:32	10°♌18'55	
evening set	-7662 Sep 15 j 13:44	4°♌58'19	
inferior conj	-7662 Sep 19 j 16:17	2°♌28'47	-6°53'11
minimum elong	-7662 Sep 20 j 02:41	2°♌12'44	6°50'35
min. Earth dist.	-7662 Sep 19 j 11:24	2°♌36'19	0.26582 AU
	-7662 Sep 23 j 18:43	30°℞♋	
morning rise	-7662 Sep 24 j 15:46	29°♋29'57	
direct	-7662 Oct 09 j 20:50	24°♋52'27	
greatest brilliancy	-7662 Oct 19 j 19:43	26°♋46'08	-4.9m
asc. node	-7662 Oct 20 j 13:25	27°♋02'48	
	-7662 Oct 26 j 17:57	0°♌	
morning max el	-7662 Nov 28 j 21:50	27°♌25'15	46°24'48
	-7662 Dec 01 j 11:24	0°♍	
	-7662 Dec 29 j 12:24	0°♎	
	-7661 Jan 25 j 00:11	0°♏	
desc. node	-7661 Feb 10 j 02:11	18°♏37'30	
	-7661 Feb 19 j 19:39	0°♐	
	-7661 Mar 17 j 03:43	0°♑	
	-7661 Apr 11 j 01:51	0°♒	
	-7661 May 05 j 15:04	0°♓	
morning set	-7661 May 25 j 19:32	24°♓57'54	
	-7661 May 29 j 20:40	0°♈	
asc. node	-7661 Jun 02 j 05:10	4°♈10'46	
	-7661 Jun 22 j 20:22	0°♉	
max. Earth dist.	-7661 Jun 28 j 09:24	6°♉57'56	1.71397 AU
superior conj	-7661 Jul 01 j 18:56	11°♉14'24	1°01'38
minimum elong	-7661 Jul 01 j 09:37	10°♉45'05	1°01'38
	-7661 Jul 16 j 16:22	0°♊	
	-7661 Aug 09 j 11:20	0°♋	
evening rise	-7661 Aug 09 j 14:08	0°♋08'50	
	-7661 Sep 02 j 07:55	0°♌	
desc. node	-7661 Sep 22 j 13:12	25°♌16'57	
	-7661 Sep 26 j 08:05	0°♍	
	-7661 Oct 20 j 13:10	0°♎	
	-7661 Nov 14 j 00:48	0°♏	
	-7661 Dec 08 j 23:01	0°♐	
	-7660 Jan 03 j 17:25	0°♑	
asc. node	-7660 Jan 12 j 19:03	10°♑10'13	
	-7660 Jan 31 j 07:30	0°♒	
evening max el	-7660 Feb 11 j 23:42	11°♒34'15	44°58'17
	-7660 Mar 04 j 20:57	0°♓	
greatest brilliancy	-7660 Mar 20 j 15:28	8°♓33'32	-4.7m
retrograde	-7660 Mar 31 j 00:18	10°♓28'05	
evening set	-7660 Apr 15 j 09:23	6°♓01'19	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

inferior conj	-7660 Apr 21 j 07:52	2°♓32'51	2°57'16
minimum elong	-7660 Apr 21 j 13:57	2°♓23'33	2°55'22
min. Earth dist.	-7660 Apr 22 j 09:53	1°♓53'07	0.28517 AU
	-7660 Apr 25 j 13:23	30°℞♒	
morning rise	-7660 Apr 27 j 17:32	28°♒46'32	
desc. node	-7660 May 04 j 09:41	25°♒46'50	
direct	-7660 May 13 j 00:52	24°♒18'34	
greatest brilliancy	-7660 May 24 j 13:54	26°♒41'19	-4.8m
	-7660 May 31 j 10:38	0°♓	
morning max el	-7660 Jul 01 j 23:43	25°♓47'23	46°29'48
	-7660 Jul 06 j 04:08	0°♈	
	-7660 Aug 02 j 15:05	0°♉	
asc. node	-7660 Aug 24 j 17:23	26°♉02'29	
	-7660 Aug 28 j 00:12	0°♊	
	-7660 Sep 21 j 12:25	0°♋	
	-7660 Oct 15 j 17:02	0°♌	
	-7660 Nov 08 j 21:24	0°♍	
	-7660 Dec 03 j 04:42	0°♎	
desc. node	-7660 Dec 15 j 02:46	14°♎39'20	
	-7660 Dec 27 j 14:56	0°♏	
morning set	-7659 Jan 07 j 05:32	13°♏00'08	
	-7659 Jan 21 j 02:30	0°♐	
max. Earth dist.	-7659 Feb 12 j 21:30	27°♐56'17	1.73761 AU
superior conj	-7659 Feb 14 j 00:31	29°♐19'07	-1°21'09
minimum elong	-7659 Feb 14 j 02:36	29°♐25'32	1°21'39
	-7659 Feb 14 j 13:51	0°♑	
	-7659 Mar 11 j 00:21	0°♒	
evening rise	-7659 Mar 21 j 22:02	13°♒23'54	
	-7659 Apr 04 j 10:15	0°♓	
asc. node	-7659 Apr 06 j 04:53	2°♓11'01	
	-7659 Apr 28 j 20:11	0°♈	
	-7659 May 23 j 06:58	0°♉	
	-7659 Jun 16 j 20:04	0°♊	
	-7659 Jul 11 j 14:17	0°♋	
desc. node	-7659 Jul 27 j 15:18	19°♋11'03	
	-7659 Aug 05 j 19:04	0°♌	
	-7659 Aug 31 j 22:22	0°♍	
evening max el	-7659 Sep 20 j 05:21	20°♍42'08	47°29'42
	-7659 Sep 29 j 15:10	0°♎	
greatest brilliancy	-7659 Oct 30 j 15:43	22°♎35'16	-4.9m
retrograde	-7659 Nov 10 j 09:38	24°♎49'09	
asc. node	-7659 Nov 17 j 00:07	23°♎53'19	
evening set	-7659 Nov 25 j 07:45	20°♎14'36	
min. Earth dist.	-7659 Nov 30 j 10:39	17°♎06'22	0.27982 AU
inferior conj	-7659 Dec 01 j 09:31	16°♎29'47	3°22'30
minimum elong	-7659 Dec 01 j 03:00	16°♎40'14	3°20'37
morning rise	-7659 Dec 06 j 23:11	13°♎04'16	
direct	-7659 Dec 22 j 05:43	8°♎24'13	
greatest brilliancy	-7659 Dec 31 j 02:06	9°♎52'26	-4.8m
	-7658 Jan 30 j 20:21	0°♏	
morning max el	-7658 Feb 09 j 02:31	8°♏29'24	45°57'00
	-7658 Mar 02 j 09:37	0°♐	
desc. node	-7658 Mar 09 j 14:05	7°♐40'49	
	-7658 Mar 29 j 17:56	0°♑	
	-7658 Apr 24 j 17:35	0°♒	
	-7658 May 19 j 20:58	0°♓	
	-7658 Jun 13 j 09:50	0°♈	
asc. node	-7658 Jun 29 j 18:25	20°♈18'58	
	-7658 Jul 07 j 12:14	0°♉	
greatest brilliancy	-7658 Jul 25 j 11:20	22°♉35'52	-3.9m
	-7658 Jul 31 j 08:00	0°♊	
morning set	-7658 Aug 05 j 02:52	6°♊03'02	
	-7658 Aug 24 j 01:03	0°♋	
superior conj	-7658 Sep 14 j 19:24	27°♋30'12	1°09'01
minimum elong	-7658 Sep 15 j 06:20	28°♋04'42	1°09'14
	-7658 Sep 16 j 18:55	0°♌	
max. Earth dist.	-7658 Sep 20 j 00:31	4°♌04'29	1.70933 AU
	-7658 Oct 10 j 15:59	0°♍	
desc. node	-7658 Oct 20 j 02:12	11°♍46'58	
evening rise	-7658 Oct 27 j 23:25	21°♍36'49	
	-7658 Nov 03 j 17:13	0°♎	
	-7658 Nov 27 j 22:39	0°♏	
	-7658 Dec 22 j 08:41	0°♐	
	-7657 Jan 16 j 01:13	0°♑	
asc. node	-7657 Feb 09 j 06:23	28°♑54'54	
	-7657 Feb 10 j 04:28	0°♒	
	-7657 Mar 08 j 01:33	0°♓	
	-7657 Apr 04 j 06:32	0°♈	
evening max el	-7657 Apr 25 j 02:38	21°♈07'31	45°44'26
	-7657 May 04 j 18:47	0°♉	
desc. node	-7657 Jun 01 j 20:15	18°♉56'04	
greatest brilliancy	-7657 Jun 03 j 12:19	19°♉32'22	-4.8m
retrograde	-7657 Jun 13 j 08:04	21°♉16'05	
evening set	-7657 Jun 29 j 01:50	16°♉36'39	
inferior conj	-7657 Jul 04 j 04:24	13°♉38'41	-6°54'52
minimum elong	-7657 Jul 03 j 18:00	13°♉54'15	6°52'32
min. Earth dist.	-7657 Jul 04 j 04:38	13°♉38'20	0.26968 AU
morning rise	-7657 Jul 08 j 09:56	11°♉09'45	
direct	-7657 Jul 24 j 23:45	5°♉58'43	
greatest brilliancy	-7657 Aug 04 j 18:13	8°♉08'43	-4.9m
	-7657 Sep 04 j 05:44	0°♊	
morning max el	-7657 Sep 13 j 16:30	9°♊19'24	46°47'30
asc. node	-7657 Sep 22 j 04:58	18°♊16'19	
	-7657 Oct 02 j 20:54	0°♋	
	-7657 Oct 28 j 19:30	0°♌	
	-7657 Nov 22 j 23:08	0°♍	
	-7657 Dec 17 j 21:46	0°♎	
	-7656 Jan 11 j 19:22	0°♏	
desc. node	-7656 Jan 12 j 15:43	1°♏01'21	
	-7656 Feb 05 j 15:33	0°♐	
	-7656 Mar 01 j 08:40	0°♑	
morning set	-7656 Mar 17 j 01:20	19°♑09'40	
	-7656 Mar 25 j 21:40	0°♒	
max. Earth dist.	-7656 Apr 17 j 10:12	27°♒43'29	1.73180 AU
	-7656 Apr 19 j 06:25	0°♓	
superior conj	-7656 Apr 21 j 10:26	2°♓40'40	-0°28'05
minimum elong	-7656 Apr 21 j 15:33	2°♓56'29	0°28'09
asc. node	-7656 May 03 j 18:05	17°♓55'43	
	-7656 May 13 j 11:29	0°♈	
evening rise	-7656 May 27 j 01:31	16°♈53'47	
	-7656 Jun 06 j 13:51	0°♉	
	-7656 Jun 30 j 14:55	0°♊	
	-7656 Jul 24 j 16:42	0°♋	
	-7656 Aug 17 j 21:34	0°♌	
desc. node	-7656 Aug 24 j 03:01	7°♌40'24	
	-7656 Sep 11 j 08:24	0°♍	
	-7656 Oct 06 j 05:28	0°♎	
	-7656 Oct 31 j 22:29	0°♏	
	-7656 Nov 28 j 16:44	0°♐	
evening max el	-7656 Nov 29 j 19:40	1°♐07'31	45°56'37
asc. node	-7656 Dec 14 j 10:36	14°♐46'54	
	-7655 Jan 06 j 05:25	0°♑	
greatest brilliancy	-7655 Jan 07 j 04:34	0°♑23'15	-4.7m
retrograde	-7655 Jan 18 j 04:44	2°♑37'13	
	-7655 Jan 29 j 14:59	30°℞♐	
evening set	-7655 Feb 04 j 20:56	26°♐37'42	
inferior conj	-7655 Feb 08 j 16:01	24°♐13'59	8°06'24
minimum elong	-7655 Feb 08 j 16:06	24°♐13'51	8°05'54
min. Earth dist.	-7655 Feb 08 j 19:37	24°♐08'14	0.29562 AU
morning rise	-7655 Feb 12 j 11:19	21°♐49'45	
direct	-7655 Mar 02 j 12:02	15°♐42'58	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

greatest brilliancy	-7655 Mar 12 j 06:23	17°♐25'43	-4.7m
	-7655 Apr 02 j 16:39	0°♑	
desc. node	-7655 Apr 06 j 01:11	2°♑40'45	
morning max el	-7655 Apr 20 j 10:02	15°♑30'26	45°58'58
	-7655 May 04 j 21:24	0°♒	
	-7655 Jun 01 j 05:58	0°♓	
	-7655 Jun 26 j 20:32	0°♈	
	-7655 Jul 21 j 12:20	0°♉	
asc. node	-7655 Jul 27 j 07:15	7°♉09'25	
	-7655 Aug 14 j 14:51	0°♊	
	-7655 Sep 07 j 10:56	0°♋	
	-7655 Oct 01 j 06:03	0°♌	
morning set	-7655 Oct 21 j 05:42	25°♌05'27	
	-7655 Oct 25 j 03:52	0°♍	
desc. node	-7655 Nov 16 j 15:29	28°♍00'54	
	-7655 Nov 18 j 05:50	0°♎	
superior conj	-7655 Dec 02 j 07:35	17°♎26'21	-0°34'38
minimum elong	-7655 Dec 01 j 23:32	17°♎01'25	0°34'23
max. Earth dist.	-7655 Dec 06 j 12:59	22°♎39'47	1.72643 AU
	-7655 Dec 12 j 11:31	0°♏	
	-7654 Jan 05 j 19:48	0°♐	
evening rise	-7654 Jan 10 j 19:29	6°♐07'51	
	-7654 Jan 30 j 06:17	0°♑	
	-7654 Feb 23 j 19:47	0°♒	
asc. node	-7654 Mar 08 j 18:28	15°♒43'10	
	-7654 Mar 20 j 13:59	0°♓	
	-7654 Apr 14 j 14:56	0°♈	
	-7654 May 10 j 01:41	0°♉	
	-7654 Jun 05 j 05:13	0°♊	
desc. node	-7654 Jun 29 j 06:33	26°♊11'17	
	-7654 Jul 02 j 23:03	0°♋	
evening max el	-7654 Jul 07 j 20:13	4°♋56'02	47°22'38
	-7654 Aug 06 j 03:13	0°♌	
greatest brilliancy	-7654 Aug 18 j 09:56	6°♌13'03	-4.9m
retrograde	-7654 Aug 27 j 12:35	7°♌48'27	
evening set	-7654 Sep 13 j 05:29	2°♌23'16	
inferior conj	-7654 Sep 17 j 04:43	29°♋59'05	-7°08'26
minimum elong	-7654 Sep 17 j 14:59	29°♋43'17	7°05'57
min. Earth dist.	-7654 Sep 17 j 00:35	0°♌05'28	0.26576 AU
	-7654 Sep 17 j 04:07	30°℞♋	
morning rise	-7654 Sep 22 j 00:33	27°♋05'45	
direct	-7654 Oct 07 j 08:47	22°♋22'52	
greatest brilliancy	-7654 Oct 17 j 09:36	24°♋18'21	-4.9m
asc. node	-7654 Oct 19 j 15:45	25°♋12'45	
	-7654 Oct 28 j 08:45	0°♌	
morning max el	-7654 Nov 26 j 11:16	25°♌00'35	46°26'06
	-7654 Dec 01 j 09:23	0°♍	
	-7654 Dec 29 j 04:32	0°♎	
	-7653 Jan 24 j 13:55	0°♏	
desc. node	-7653 Feb 09 j 04:24	18°♏06'28	
	-7653 Feb 19 j 08:06	0°♐	
	-7653 Mar 16 j 15:25	0°♑	
	-7653 Apr 10 j 13:07	0°♒	
	-7653 May 05 j 02:06	0°♓	
morning set	-7653 May 23 j 13:45	22°♓51'19	
	-7653 May 29 j 07:37	0°♈	
asc. node	-7653 Jun 01 j 07:17	3°♈43'16	
	-7653 Jun 22 j 07:19	0°♉	
max. Earth dist.	-7653 Jun 26 j 00:36	4°♉40'23	1.71453 AU
superior conj	-7653 Jun 29 j 10:42	8°♉58'25	0°59'19
minimum elong	-7653 Jun 29 j 01:25	8°♉29'15	0°59'17
	-7653 Jul 16 j 03:24	0°♊	
evening rise	-7653 Aug 07 j 01:45	27°♊38'58	
	-7653 Aug 08 j 22:31	0°♋	
	-7653 Sep 01 j 19:17	0°♌	
desc. node	-7653 Sep 21 j 15:25	24°♌47'52	
	-7653 Sep 25 j 19:40	0°♍	
	-7653 Oct 20 j 00:59	0°♎	
	-7653 Nov 13 j 12:59	0°♏	
	-7653 Dec 08 j 11:57	0°♐	
	-7652 Jan 03 j 08:00	0°♑	
asc. node	-7652 Jan 11 j 21:15	9°♑33'27	
	-7652 Jan 31 j 02:30	0°♒	
evening max el	-7652 Feb 09 j 15:31	9°♒24'14	44°58'40
	-7652 Mar 05 j 17:30	0°♓	
greatest brilliancy	-7652 Mar 18 j 05:45	6°♓22'38	-4.7m
retrograde	-7652 Mar 28 j 16:08	8°♓18'12	
evening set	-7652 Apr 13 j 02:54	3°♓48'09	
inferior conj	-7652 Apr 18 j 23:25	0°♓21'47	3°15'29
minimum elong	-7652 Apr 19 j 06:00	0°♓11'42	3°13'28
	-7652 Apr 19 j 13:39	30°℞♒	
min. Earth dist.	-7652 Apr 20 j 01:21	29°♒42'08	0.28579 AU
morning rise	-7652 Apr 25 j 08:15	26°♒36'31	
desc. node	-7652 May 03 j 11:55	23°♒08'28	
direct	-7652 May 10 j 17:31	22°♒06'25	
greatest brilliancy	-7652 May 22 j 05:09	24°♒28'17	-4.8m
	-7652 Jun 01 j 18:10	0°♓	
morning max el	-7652 Jun 29 j 16:09	23°♓34'15	46°28'47
	-7652 Jul 06 j 00:34	0°♈	
	-7652 Aug 02 j 06:28	0°♉	
asc. node	-7652 Aug 23 j 19:42	25°♉28'23	
	-7652 Aug 27 j 13:40	0°♊	
	-7652 Sep 21 j 00:57	0°♋	
	-7652 Oct 15 j 05:03	0°♌	
	-7652 Nov 08 j 09:05	0°♍	
	-7652 Dec 02 j 16:05	0°♎	
desc. node	-7652 Dec 14 j 04:45	14°♎10'51	
	-7652 Dec 27 j 02:03	0°♏	
morning set	-7651 Jan 04 j 19:49	10°♏42'57	
	-7651 Jan 20 j 13:25	0°♐	
max. Earth dist.	-7651 Feb 10 j 20:25	26°♐06'08	1.73750 AU
superior conj	-7651 Feb 11 j 18:22	27°♐13'27	-1°21'29
minimum elong	-7651 Feb 11 j 19:49	27°♐17'56	1°21'59
	-7651 Feb 14 j 00:40	0°♑	
	-7651 Mar 10 j 11:10	0°♒	
evening rise	-7651 Mar 19 j 17:26	11°♒22'44	
	-7651 Apr 03 j 21:12	0°♓	
asc. node	-7651 Apr 05 j 07:07	1°♓44'10	
	-7651 Apr 28 j 07:24	0°♈	
	-7651 May 22 j 18:38	0°♉	
	-7651 Jun 16 j 08:20	0°♊	
	-7651 Jul 11 j 03:26	0°♋	
desc. node	-7651 Jul 26 j 17:33	18°♋36'29	
	-7651 Aug 05 j 09:38	0°♌	
	-7651 Aug 31 j 15:50	0°♍	
evening max el	-7651 Sep 17 j 22:05	18°♍26'27	47°31'43
	-7651 Sep 29 j 17:52	0°♎	
greatest brilliancy	-7651 Oct 28 j 08:21	20°♎18'10	-4.9m
retrograde	-7651 Nov 08 j 02:08	22°♎31'24	
asc. node	-7651 Nov 16 j 02:17	21°♎09'26	
evening set	-7651 Nov 22 j 22:33	17°♎58'50	
min. Earth dist.	-7651 Nov 28 j 02:00	14°♎49'42	0.27910 AU
inferior conj	-7651 Nov 29 j 01:06	14°♎12'46	3°03'34
minimum elong	-7651 Nov 28 j 19:05	14°♎22'23	3°01'50
morning rise	-7651 Dec 04 j 16:40	10°♎44'52	
direct	-7651 Dec 19 j 21:05	6°♎08'38	
greatest brilliancy	-7651 Dec 28 j 16:41	7°♎36'37	-4.8m
	-7650 Jan 30 j 23:16	0°♏	
morning max el	-7650 Feb 06 j 18:13	6°♏18'14	45°57'27
	-7650 Mar 02 j 02:31	0°♐	
desc. node	-7650 Mar 08 j 16:20	7°♐04'00	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7650 Mar 29 j 07:45	0°♉	
	-7650 Apr 24 j 06:00	0°♒	
	-7650 May 19 j 08:39	0°♓	
	-7650 Jun 12 j 21:09	0°♈	
asc. node	-7650 Jun 28 j 20:29	19°♈50'28	
	-7650 Jul 06 j 23:22	0°♉	
greatest brilliancy	-7650 Jul 24 j 15:47	22°♉14'52	-3.9m
	-7650 Jul 30 j 19:04	0°♊	
morning set	-7650 Aug 02 j 15:15	3°♊35'27	
	-7650 Aug 23 j 12:07	0°♋	
superior conj	-7650 Sep 12 j 04:48	24°♋53'39	1°11'10
minimum elong	-7650 Sep 12 j 15:15	25°♋26'35	1°11'24
	-7650 Sep 16 j 05:59	0°♌	
max. Earth dist.	-7650 Sep 17 j 06:15	1°♌16'27	1.70894 AU
	-7650 Oct 10 j 03:03	0°♍	
desc. node	-7650 Oct 19 j 04:19	11°♍19'00	
evening rise	-7650 Oct 25 j 08:14	19°♍00'15	
	-7650 Nov 03 j 04:18	0°♎	
	-7650 Nov 27 j 09:50	0°♏	
	-7650 Dec 21 j 20:02	0°♐	
	-7649 Jan 15 j 12:58	0°♑	
asc. node	-7649 Feb 08 j 08:40	28°♑24'50	
	-7649 Feb 09 j 17:00	0°♒	
	-7649 Mar 07 j 15:41	0°♓	
	-7649 Apr 04 j 00:19	0°♈	
evening max el	-7649 Apr 22 j 15:54	18°♈47'45	45°41'18
	-7649 May 05 j 01:15	0°♉	
desc. node	-7649 May 31 j 22:20	17°♉06'40	
greatest brilliancy	-7649 Jun 01 j 00:24	17°♉08'25	-4.8m
retrograde	-7649 Jun 10 j 19:37	18°♉51'41	
evening set	-7649 Jun 26 j 10:36	14°♉17'31	
inferior conj	-7649 Jul 01 j 16:55	11°♉14'28	-6°39'28
minimum elong	-7649 Jul 01 j 06:24	11°♉30'14	6°37'01
min. Earth dist.	-7649 Jul 01 j 18:12	11°♉12'33	0.26999 AU
morning rise	-7649 Jul 06 j 01:53	8°♉40'24	
direct	-7649 Jul 22 j 12:33	3°♉33'41	
greatest brilliancy	-7649 Aug 02 j 08:45	5°♉44'30	-4.9m
	-7649 Sep 04 j 08:22	0°♊	
morning max el	-7649 Sep 11 j 04:14	6°♊48'28	46°47'41
asc. node	-7649 Sep 21 j 07:09	17°♊28'58	
	-7649 Oct 02 j 14:22	0°♋	
	-7649 Oct 28 j 09:59	0°♌	
	-7649 Nov 22 j 12:08	0°♍	
	-7649 Dec 17 j 09:55	0°♎	
	-7648 Jan 11 j 06:57	0°♏	
desc. node	-7648 Jan 11 j 17:56	0°♏33'07	
	-7648 Feb 05 j 02:44	0°♐	
	-7648 Feb 29 j 19:36	0°♑	
morning set	-7648 Mar 14 j 20:20	17°♑07'52	
	-7648 Mar 25 j 08:27	0°♒	
max. Earth dist.	-7648 Apr 15 j 05:49	25°♒42'41	1.73227 AU
	-7648 Apr 18 j 17:10	0°♓	
superior conj	-7648 Apr 19 j 05:44	0°♓38'48	-0°30'52
minimum elong	-7648 Apr 19 j 11:16	0°♓55'54	0°30'55
asc. node	-7648 May 02 j 20:08	17°♓28'35	
	-7648 May 12 j 22:20	0°♈	
evening rise	-7648 May 24 j 19:53	14°♈47'33	
	-7648 Jun 06 j 00:53	0°♉	
	-7648 Jun 30 j 02:13	0°♊	
	-7648 Jul 24 j 04:20	0°♋	
	-7648 Aug 17 j 09:38	0°♌	
desc. node	-7648 Aug 23 j 05:15	7°♌09'47	
	-7648 Sep 10 j 21:03	0°♍	
	-7648 Oct 05 j 19:04	0°♎	
	-7648 Oct 31 j 14:00	0°♏	
evening max el	-7648 Nov 27 j 10:06	28°♏50'45	45°59'56
	-7648 Nov 28 j 13:54	0°♐	
asc. node	-7648 Dec 13 j 12:47	13°♐48'33	
greatest brilliancy	-7647 Jan 04 j 21:56	28°♐16'48	-4.7m
	-7647 Jan 10 j 17:12	0°♑	
retrograde	-7647 Jan 15 j 22:06	0°♑31'29	
	-7647 Jan 21 j 00:10	30°℞♐	
evening set	-7647 Feb 02 j 13:51	24°♐32'14	
inferior conj	-7647 Feb 06 j 09:32	22°♐07'39	8°06'27
minimum elong	-7647 Feb 06 j 08:57	22°♐08'34	8°05'56
min. Earth dist.	-7647 Feb 06 j 12:00	22°♐03'41	0.29551 AU
morning rise	-7647 Feb 10 j 04:05	19°♐44'28	
direct	-7647 Feb 28 j 04:27	13°♐36'41	
greatest brilliancy	-7647 Mar 09 j 22:26	15°♐18'50	-4.7m
	-7647 Apr 03 j 01:16	0°♑	
desc. node	-7647 Apr 05 j 03:21	1°♑43'02	
morning max el	-7647 Apr 18 j 01:58	13°♑20'52	45°58'20
	-7647 May 04 j 15:11	0°♒	
	-7647 May 31 j 20:13	0°♓	
	-7647 Jun 26 j 09:20	0°♈	
	-7647 Jul 21 j 00:24	0°♉	
asc. node	-7647 Jul 26 j 09:33	6°♉39'31	
	-7647 Aug 14 j 02:32	0°♊	
	-7647 Sep 06 j 22:23	0°♋	
	-7647 Sep 30 j 17:22	0°♌	
morning set	-7647 Oct 18 j 15:18	22°♌30'01	
	-7647 Oct 24 j 15:05	0°♍	
desc. node	-7647 Nov 15 j 17:28	27°♍32'33	
	-7647 Nov 17 j 16:57	0°♎	
superior conj	-7647 Nov 29 j 19:05	14°♎59'16	-0°31'17
minimum elong	-7647 Nov 29 j 11:37	14°♎36'09	0°31'02
max. Earth dist.	-7647 Dec 04 j 02:53	20°♎20'19	1.72578 AU
	-7647 Dec 11 j 22:32	0°♏	
	-7646 Jan 05 j 06:45	0°♐	
evening rise	-7646 Jan 08 j 11:14	3°♐55'07	
	-7646 Jan 29 j 17:17	0°♑	
	-7646 Feb 23 j 07:01	0°♒	
asc. node	-7646 Mar 07 j 20:41	15°♒15'15	
	-7646 Mar 20 j 01:42	0°♓	
	-7646 Apr 14 j 03:29	0°♈	
	-7646 May 09 j 15:35	0°♉	
	-7646 Jun 04 j 21:36	0°♊	
desc. node	-7646 Jun 28 j 08:51	25°♊22'34	
	-7646 Jul 02 j 21:25	0°♋	
evening max el	-7646 Jul 05 j 08:50	2°♋28'51	47°20'05
	-7646 Aug 07 j 18:19	0°♌	
greatest brilliancy	-7646 Aug 15 j 22:42	3°♌42'58	-4.9m
retrograde	-7646 Aug 25 j 01:12	5°♌18'19	
evening set	-7646 Sep 10 j 21:10	29°♋48'19	
	-7646 Sep 10 j 13:08	30°℞♋	
inferior conj	-7646 Sep 14 j 17:06	27°♋29'26	-7°22'47
minimum elong	-7646 Sep 15 j 03:09	27°♋14'00	7°20'26
min. Earth dist.	-7646 Sep 14 j 13:15	27°♋35'21	0.26571 AU
morning rise	-7646 Sep 19 j 09:12	24°♋41'56	
direct	-7646 Oct 04 j 21:09	19°♋53'23	
greatest brilliancy	-7646 Oct 14 j 22:50	21°♋50'02	-4.9m
asc. node	-7646 Oct 18 j 17:56	23°♋27'04	
	-7646 Oct 29 j 11:53	0°♌	
morning max el	-7646 Nov 24 j 01:41	22°♌38'27	46°27'18
	-7646 Dec 01 j 06:31	0°♍	
	-7646 Dec 28 j 20:21	0°♎	
	-7645 Jan 24 j 03:29	0°♏	
desc. node	-7645 Feb 08 j 06:34	17°♏35'30	
	-7645 Feb 18 j 20:27	0°♐	
	-7645 Mar 16 j 03:04	0°♑	
	-7645 Apr 10 j 00:22	0°♒	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7645 May 04 j 13:10	0°♓	
morning set	-7645 May 21 j 07:51	20°♓44'22	
	-7645 May 28 j 18:38	0°♈	
asc. node	-7645 May 31 j 09:25	3°♈15'32	
	-7645 Jun 21 j 18:23	0°♉	
max. Earth dist.	-7645 Jun 23 j 13:02	2°♉13'54	1.71511 AU
superior conj	-7645 Jun 27 j 02:16	6°♉41'37	0°56'54
minimum elong	-7645 Jun 26 j 17:06	6°♉12'47	0°56'49
	-7645 Jul 15 j 14:33	0°♊	
evening rise	-7645 Aug 04 j 13:10	25°♊08'12	
	-7645 Aug 08 j 09:49	0°♋	
	-7645 Sep 01 j 06:45	0°♌	
desc. node	-7645 Sep 20 j 17:29	24°♌18'11	
	-7645 Sep 25 j 07:18	0°♍	
	-7645 Oct 19 j 12:52	0°♎	
	-7645 Nov 13 j 01:16	0°♏	
	-7645 Dec 08 j 01:02	0°♐	
	-7644 Jan 02 j 22:50	0°♑	
asc. node	-7644 Jan 10 j 23:37	8°♑56'33	
	-7644 Jan 30 j 22:07	0°♒	
evening max el	-7644 Feb 07 j 07:52	7°♒15'16	44°59'09
	-7644 Mar 06 j 21:50	0°♓	
greatest brilliancy	-7644 Mar 15 j 20:32	4°♓12'25	-4.7m
retrograde	-7644 Mar 26 j 07:45	6°♓08'19	
evening set	-7644 Apr 10 j 20:38	1°♓35'09	
	-7644 Apr 13 j 15:07	30°♑℞♒	
inferior conj	-7644 Apr 16 j 15:04	28°♒10'52	3°33'15
minimum elong	-7644 Apr 16 j 22:07	28°♒00'03	3°31'06
min. Earth dist.	-7644 Apr 17 j 16:50	27°♒31'20	0.28642 AU
morning rise	-7644 Apr 22 j 22:50	24°♒26'39	
desc. node	-7644 May 02 j 13:58	20°♒34'56	
direct	-7644 May 08 j 10:18	19°♒54'33	
greatest brilliancy	-7644 May 19 j 19:55	22°♒14'36	-4.8m
	-7644 Jun 02 j 17:03	0°♓	
morning max el	-7644 Jun 27 j 08:05	21°♓19'30	46°27'29
	-7644 Jul 05 j 20:36	0°♈	
	-7644 Aug 01 j 21:55	0°♉	
asc. node	-7644 Aug 22 j 21:50	24°♉53'01	
	-7644 Aug 27 j 03:18	0°♊	
	-7644 Sep 20 j 13:41	0°♋	
	-7644 Oct 14 j 17:15	0°♌	
	-7644 Nov 07 j 20:53	0°♍	
	-7644 Dec 02 j 03:35	0°♎	
desc. node	-7644 Dec 13 j 06:56	13°♎42'29	
	-7644 Dec 26 j 13:19	0°♏	
morning set	-7643 Jan 02 j 09:59	8°♏24'51	
	-7643 Jan 20 j 00:32	0°♐	
max. Earth dist.	-7643 Feb 08 j 19:07	24°♐14'44	1.73737 AU
superior conj	-7643 Feb 09 j 12:10	25°♐07'02	-1°21'42
minimum elong	-7643 Feb 09 j 12:59	25°♐09'32	1°22'13
	-7643 Feb 13 j 11:40	0°♑	
	-7643 Mar 09 j 22:10	0°♒	
evening rise	-7643 Mar 17 j 12:51	9°♒21'02	
	-7643 Apr 03 j 08:20	0°♓	
asc. node	-7643 Apr 04 j 09:12	1°♓16'21	
	-7643 Apr 27 j 18:49	0°♈	
	-7643 May 22 j 06:31	0°♉	
	-7643 Jun 15 j 20:54	0°♊	
	-7643 Jul 10 j 16:59	0°♋	
desc. node	-7643 Jul 25 j 19:45	18°♋00'27	
	-7643 Aug 05 j 00:44	0°♌	
	-7643 Aug 31 j 10:07	0°♍	
evening max el	-7643 Sep 15 j 14:26	16°♍08'23	47°33'41
	-7643 Sep 29 j 22:48	0°♎	
greatest brilliancy	-7643 Oct 26 j 01:33	18°♎00'14	-4.9m
retrograde	-7643 Nov 05 j 18:07	20°♎11'53	
asc. node	-7643 Nov 15 j 04:28	18°♎18'47	
evening set	-7643 Nov 20 j 13:23	15°♎41'23	
min. Earth dist.	-7643 Nov 25 j 17:30	12°♎31'06	0.27832 AU
inferior conj	-7643 Nov 26 j 16:32	11°♎54'16	2°44'16
minimum elong	-7643 Nov 26 j 11:03	12°♎03'02	2°42'40
morning rise	-7643 Dec 02 j 09:51	8°♎23'59	
direct	-7643 Dec 17 j 12:03	3°♎51'44	
greatest brilliancy	-7643 Dec 26 j 07:23	5°♎19'34	-4.8m
	-7642 Jan 31 j 01:06	0°♏	
morning max el	-7642 Feb 04 j 08:55	4°♏03'42	45°57'57
	-7642 Mar 01 j 19:23	0°♐	
desc. node	-7642 Mar 07 j 18:24	6°♐26'17	
	-7642 Mar 28 j 21:43	0°♑	
	-7642 Apr 23 j 18:37	0°♒	
	-7642 May 18 j 20:34	0°♓	
	-7642 Jun 12 j 08:41	0°♈	
asc. node	-7642 Jun 27 j 22:47	19°♈21'58	
	-7642 Jul 06 j 10:45	0°♉	
greatest brilliancy	-7642 Jul 23 j 18:26	21°♉47'24	-3.9m
	-7642 Jul 30 j 06:26	0°♊	
morning set	-7642 Jul 31 j 03:41	1°♊07'10	
	-7642 Aug 22 j 23:31	0°♋	
superior conj	-7642 Sep 09 j 14:03	22°♋15'22	1°13'09
minimum elong	-7642 Sep 09 j 23:53	22°♋46'24	1°13'25
max. Earth dist.	-7642 Sep 14 j 06:56	28°♋11'22	1.70862 AU
	-7642 Sep 15 j 17:25	0°♌	
	-7642 Oct 09 j 14:30	0°♍	
desc. node	-7642 Oct 18 j 06:22	10°♍49'33	
evening rise	-7642 Oct 22 j 16:19	16°♍20'05	
	-7642 Nov 02 j 15:47	0°♎	
	-7642 Nov 26 j 21:23	0°♏	
	-7642 Dec 21 j 07:45	0°♐	
	-7641 Jan 15 j 01:04	0°♑	
asc. node	-7641 Feb 07 j 10:50	27°♑53'20	
	-7641 Feb 09 j 05:55	0°♒	
	-7641 Mar 07 j 06:19	0°♓	
	-7641 Apr 03 j 18:53	0°♈	
evening max el	-7641 Apr 20 j 04:48	16°♈26'28	45°38'21
	-7641 May 05 j 10:29	0°♉	
greatest brilliancy	-7641 May 29 j 12:34	14°♉44'17	-4.8m
desc. node	-7641 May 31 j 00:38	15°♉12'43	
retrograde	-7641 Jun 08 j 07:25	16°♉27'35	
evening set	-7641 Jun 23 j 19:40	11°♉57'57	
inferior conj	-7641 Jun 29 j 05:37	8°♉50'22	-6°23'20
minimum elong	-7641 Jun 28 j 19:03	9°♉06'11	6°20'48
min. Earth dist.	-7641 Jun 29 j 08:01	8°♉46'46	0.27034 AU
morning rise	-7641 Jul 03 j 18:01	6°♉11'21	
direct	-7641 Jul 20 j 01:19	1°♉08'29	
greatest brilliancy	-7641 Jul 30 j 23:51	3°♉20'52	-4.9m
	-7641 Sep 04 j 09:53	0°♊	
morning max el	-7641 Sep 08 j 16:28	4°♊18'02	46°47'40
asc. node	-7641 Sep 20 j 09:20	16°♊41'28	
	-7641 Oct 02 j 07:49	0°♋	
	-7641 Oct 28 j 00:42	0°♌	
	-7641 Nov 22 j 01:30	0°♍	
	-7641 Dec 16 j 22:26	0°♎	
desc. node	-7640 Jan 10 j 20:07	0°♏03'39	
	-7640 Jan 10 j 18:54	0°♏	
	-7640 Feb 04 j 14:15	0°♐	
	-7640 Feb 29 j 06:49	0°♑	
morning set	-7640 Mar 12 j 15:11	15°♑04'41	
	-7640 Mar 24 j 19:31	0°♒	
max. Earth dist.	-7640 Apr 13 j 03:01	23°♒45'54	1.73274 AU
superior conj	-7640 Apr 17 j 01:07	28°♒36'17	-0°33'36

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

minimum elong	-7640 Apr 17 j 07:03	28°♒54'37	0°33'39
	-7640 Apr 18 j 04:14	0°♓	
asc. node	-7640 May 01 j 22:18	17°♓00'52	
	-7640 May 12 j 09:29	0°♈	
evening rise	-7640 May 22 j 14:34	12°♈41'29	
	-7640 Jun 05 j 12:13	0°♉	
	-7640 Jun 29 j 13:49	0°♊	
	-7640 Jul 23 j 16:14	0°♋	
	-7640 Aug 16 j 21:58	0°♌	
desc. node	-7640 Aug 22 j 07:19	6°♌37'51	
	-7640 Sep 10 j 10:01	0°♍	
	-7640 Oct 05 j 09:05	0°♎	
	-7640 Oct 31 j 06:10	0°♏	
evening max el	-7640 Nov 25 j 01:10	26°♏34'16	46°03'20
	-7640 Nov 28 j 12:25	0°♐	
asc. node	-7640 Dec 12 j 15:10	12°♐47'50	
greatest brilliancy	-7639 Jan 02 j 14:49	26°♐08'14	-4.8m
retrograde	-7639 Jan 13 j 15:51	28°♐24'18	
evening set	-7639 Jan 31 j 06:27	22°♐25'34	
inferior conj	-7639 Feb 04 j 02:57	19°♐59'50	8°05'46
minimum elong	-7639 Feb 04 j 01:43	20°♐01'49	8°05'15
min. Earth dist.	-7639 Feb 04 j 04:04	19°♐58'04	0.29535 AU
morning rise	-7639 Feb 07 j 21:03	17°♐37'28	
direct	-7639 Feb 25 j 20:54	11°♐28'59	
greatest brilliancy	-7639 Mar 07 j 14:07	13°♐10'35	-4.7m
	-7639 Apr 03 j 07:54	0°♑	
desc. node	-7639 Apr 04 j 05:30	0°♑45'40	
morning max el	-7639 Apr 15 j 18:39	11°♑12'25	45°57'45
	-7639 May 04 j 08:52	0°♒	
	-7639 May 31 j 10:35	0°♓	
	-7639 Jun 25 j 22:18	0°♈	
	-7639 Jul 20 j 12:40	0°♉	
asc. node	-7639 Jul 25 j 11:38	6°♉08'16	
	-7639 Aug 13 j 14:23	0°♊	
	-7639 Sep 06 j 10:01	0°♋	
	-7639 Sep 30 j 04:51	0°♌	
morning set	-7639 Oct 16 j 01:13	19°♌54'48	
	-7639 Oct 24 j 02:29	0°♍	
desc. node	-7639 Nov 14 j 19:40	27°♍04'09	
	-7639 Nov 17 j 04:17	0°♎	
superior conj	-7639 Nov 27 j 06:20	12°♎30'35	-0°27'51
minimum elong	-7639 Nov 26 j 23:32	12°♎09'31	0°27'35
max. Earth dist.	-7639 Dec 01 j 15:51	17°♎57'10	1.72520 AU
	-7639 Dec 11 j 09:46	0°♏	
	-7638 Jan 04 j 17:57	0°♐	
evening rise	-7638 Jan 06 j 02:37	1°♐40'27	
	-7638 Jan 29 j 04:32	0°♑	
	-7638 Feb 22 j 18:30	0°♒	
asc. node	-7638 Mar 06 j 22:46	14°♒46'12	
	-7638 Mar 19 j 13:40	0°♓	
	-7638 Apr 13 j 16:18	0°♈	
	-7638 May 09 j 05:49	0°♉	
	-7638 Jun 04 j 14:30	0°♊	
desc. node	-7638 Jun 27 j 11:06	24°♊32'16	
	-7638 Jul 02 j 20:55	0°♋	
evening max el	-7638 Jul 02 j 22:32	0°♋03'59	47°17'24
	-7638 Aug 10 j 07:49	0°♌	
greatest brilliancy	-7638 Aug 13 j 10:57	1°♌11'57	-4.9m
retrograde	-7638 Aug 22 j 14:13	2°♌47'37	
	-7638 Sep 03 j 06:58	30°℞♋	
evening set	-7638 Sep 08 j 12:47	27°♋13'04	
inferior conj	-7638 Sep 12 j 05:25	24°♋59'17	-7°36'12
minimum elong	-7638 Sep 12 j 15:10	24°♋44'21	7°34'02
min. Earth dist.	-7638 Sep 12 j 01:33	25°♋05'12	0.26564 AU
morning rise	-7638 Sep 16 j 17:39	22°♋17'48	
direct	-7638 Oct 02 j 09:58	17°♋23'41	
greatest brilliancy	-7638 Oct 12 j 11:26	19°♋20'40	-4.9m
asc. node	-7638 Oct 17 j 20:07	21°♋45'10	
	-7638 Oct 30 j 07:51	0°♌	
morning max el	-7638 Nov 21 j 16:23	20°♌16'48	46°28'27
	-7638 Dec 01 j 03:01	0°♍	
	-7638 Dec 28 j 12:02	0°♎	
	-7637 Jan 23 j 17:04	0°♏	
desc. node	-7637 Feb 07 j 08:35	17°♏03'46	
	-7637 Feb 18 j 08:54	0°♐	
	-7637 Mar 15 j 14:50	0°♑	
	-7637 Apr 09 j 11:43	0°♒	
	-7637 May 04 j 00:19	0°♓	
morning set	-7637 May 19 j 02:00	18°♓37'31	
	-7637 May 28 j 05:42	0°♈	
asc. node	-7637 May 30 j 11:38	2°♈47'56	
max. Earth dist.	-7637 Jun 21 j 00:17	29°♈43'41	1.71571 AU
	-7637 Jun 21 j 05:29	0°♉	
superior conj	-7637 Jun 24 j 18:03	4°♉25'26	0°54'23
minimum elong	-7637 Jun 24 j 09:02	3°♉57'08	0°54'18
	-7637 Jul 15 j 01:47	0°♊	
evening rise	-7637 Aug 02 j 00:56	22°♊38'15	
	-7637 Aug 07 j 21:12	0°♋	
	-7637 Aug 31 j 18:18	0°♌	
desc. node	-7637 Sep 19 j 19:36	23°♌48'27	
	-7637 Sep 24 j 19:01	0°♍	
	-7637 Oct 19 j 00:47	0°♎	
	-7637 Nov 12 j 13:34	0°♏	
	-7637 Dec 07 j 14:10	0°♐	
	-7636 Jan 02 j 13:49	0°♑	
asc. node	-7636 Jan 10 j 01:42	8°♑18'38	
	-7636 Jan 30 j 18:21	0°♒	
evening max el	-7636 Feb 05 j 00:04	5°♒05'52	44°59'35
	-7636 Mar 08 j 14:52	0°♓	
greatest brilliancy	-7636 Mar 13 j 12:07	2°♓03'11	-4.7m
retrograde	-7636 Mar 23 j 23:03	3°♓58'42	
	-7636 Apr 07 j 10:34	30°℞♒	
evening set	-7636 Apr 08 j 14:36	29°♒22'27	
inferior conj	-7636 Apr 14 j 06:54	26°♒00'29	3°50'29
minimum elong	-7636 Apr 14 j 14:22	25°♒48'59	3°48'17
min. Earth dist.	-7636 Apr 15 j 08:47	25°♒20'39	0.28702 AU
morning rise	-7636 Apr 20 j 13:23	22°♒17'20	
desc. node	-7636 May 01 j 16:16	18°♒06'25	
direct	-7636 May 06 j 02:52	17°♒43'16	
greatest brilliancy	-7636 May 17 j 11:02	20°♒01'36	-4.8m
	-7636 Jun 03 j 09:59	0°♓	
morning max el	-7636 Jun 24 j 23:11	19°♓03'00	46°26'12
	-7636 Jul 05 j 15:58	0°♈	
	-7636 Aug 01 j 13:04	0°♉	
asc. node	-7636 Aug 21 j 23:57	24°♉18'06	
	-7636 Aug 26 j 16:46	0°♊	
	-7636 Sep 20 j 02:18	0°♋	
	-7636 Oct 14 j 05:21	0°♌	
	-7636 Nov 07 j 08:37	0°♍	
	-7636 Dec 01 j 14:59	0°♎	
desc. node	-7636 Dec 12 j 09:04	13°♎14'20	
	-7636 Dec 26 j 00:28	0°♏	
morning set	-7636 Dec 31 j 00:15	6°♏07'25	
	-7635 Jan 19 j 11:30	0°♐	
max. Earth dist.	-7635 Feb 06 j 17:37	22°♐23'08	1.73721 AU
superior conj	-7635 Feb 07 j 06:02	23°♐01'13	-1°21'48
minimum elong	-7635 Feb 07 j 06:12	23°♐01'45	1°22'19
	-7635 Feb 12 j 22:33	0°♑	
	-7635 Mar 09 j 09:04	0°♒	
evening rise	-7635 Mar 15 j 08:14	7°♒19'36	
	-7635 Apr 02 j 19:22	0°♓	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

asc. node	-7635 Apr 03 j 11:22	0°♓49'07	
	-7635 Apr 27 j 06:09	0°♈	
	-7635 May 21 j 18:19	0°♉	
	-7635 Jun 15 j 09:23	0°♊	
	-7635 Jul 10 j 06:28	0°♋	
desc. node	-7635 Jul 24 j 21:49	17°♋24'17	
	-7635 Aug 04 j 15:52	0°♌	
	-7635 Aug 31 j 04:41	0°♍	
evening max el	-7635 Sep 13 j 05:52	13°♍48'12	47°35'22
	-7635 Sep 30 j 05:38	0°♎	
greatest brilliancy	-7635 Oct 23 j 19:12	15°♎42'47	-4.9m
retrograde	-7635 Nov 03 j 09:35	17°♎52'14	
asc. node	-7635 Nov 14 j 06:50	15°♎22'52	
evening set	-7635 Nov 18 j 04:14	13°♎23'34	
min. Earth dist.	-7635 Nov 23 j 09:21	10°♎11'53	0.27755 AU
inferior conj	-7635 Nov 24 j 07:51	9°♎35'52	2°24'31
minimum elong	-7635 Nov 24 j 02:58	9°♎43'40	2°23'04
morning rise	-7635 Nov 30 j 02:47	6°♎03'11	
direct	-7635 Dec 15 j 02:17	1°♎34'48	
greatest brilliancy	-7635 Dec 23 j 22:32	3°♎03'05	-4.8m
	-7634 Jan 31 j 01:24	0°♏	
morning max el	-7634 Feb 01 j 22:58	1°♏48'05	45°58'40
	-7634 Mar 01 j 11:40	0°♐	
desc. node	-7634 Mar 06 j 20:35	5°♐49'58	
	-7634 Mar 28 j 11:18	0°♑	
	-7634 Apr 23 j 06:56	0°♒	
	-7634 May 18 j 08:13	0°♓	
	-7634 Jun 11 j 20:00	0°♈	
asc. node	-7634 Jun 27 j 00:51	18°♈53'23	
	-7634 Jul 05 j 21:55	0°♉	
greatest brilliancy	-7634 Jul 22 j 22:03	21°♉23'43	-3.9m
morning set	-7634 Jul 28 j 16:17	28°♉40'06	
	-7634 Jul 29 j 17:34	0°♊	
	-7634 Aug 22 j 10:39	0°♋	
superior conj	-7634 Sep 06 j 23:28	19°♋38'28	1°14'57
minimum elong	-7634 Sep 07 j 08:38	20°♋07'24	1°15'17
max. Earth dist.	-7634 Sep 11 j 06:13	25°♋02'38	1.70836 AU
	-7634 Sep 15 j 04:34	0°♌	
	-7634 Oct 09 j 01:42	0°♍	
desc. node	-7634 Oct 17 j 08:33	10°♍21'21	
evening rise	-7634 Oct 20 j 00:22	13°♍40'27	
	-7634 Nov 02 j 03:03	0°♎	
	-7634 Nov 26 j 08:43	0°♏	
	-7634 Dec 20 j 19:14	0°♐	
	-7633 Jan 14 j 12:55	0°♑	
asc. node	-7633 Feb 06 j 13:00	27°♑22'42	
	-7633 Feb 08 j 18:36	0°♒	
	-7633 Mar 06 j 20:46	0°♓	
	-7633 Apr 03 j 13:34	0°♈	
evening max el	-7633 Apr 17 j 17:36	14°♈06'06	45°35'24
	-7633 May 05 j 22:24	0°♉	
greatest brilliancy	-7633 May 27 j 00:04	12°♉20'15	-4.8m
desc. node	-7633 May 30 j 02:49	13°♉14'43	
retrograde	-7633 Jun 05 j 19:31	14°♉04'23	
evening set	-7633 Jun 21 j 04:49	9°♉38'40	
inferior conj	-7633 Jun 26 j 18:14	6°♉26'51	-6°06'28
minimum elong	-7633 Jun 26 j 07:42	6°♉42'35	6°03'52
min. Earth dist.	-7633 Jun 26 j 21:37	6°♉21'48	0.27074 AU
morning rise	-7633 Jul 01 j 10:06	3°♉43'09	
	-7633 Jul 09 j 15:29	30°♈R	
direct	-7633 Jul 17 j 14:21	28°♈43'45	
	-7633 Jul 25 j 19:36	0°♉	
greatest brilliancy	-7633 Jul 28 j 14:57	0°♉58'00	-4.9m
	-7633 Sep 04 j 09:55	0°♊	
morning max el	-7633 Sep 06 j 05:39	1°♊50'55	46°47'43
asc. node	-7633 Sep 19 j 11:36	15°♊55'34	
	-7633 Oct 02 j 00:38	0°♋	
	-7633 Oct 27 j 14:57	0°♌	
	-7633 Nov 21 j 14:28	0°♍	
	-7633 Dec 16 j 10:37	0°♎	
desc. node	-7632 Jan 09 j 22:04	29°♎34'25	
	-7632 Jan 10 j 06:32	0°♏	
	-7632 Feb 04 j 01:28	0°♐	
	-7632 Feb 28 j 17:44	0°♑	
morning set	-7632 Mar 10 j 10:03	13°♑02'30	
	-7632 Mar 24 j 06:16	0°♒	
max. Earth dist.	-7632 Apr 11 j 02:04	21°♒55'53	1.73317 AU
superior conj	-7632 Apr 14 j 20:36	26°♒35'11	-0°36'16
minimum elong	-7632 Apr 15 j 02:55	26°♒54'38	0°36'20
	-7632 Apr 17 j 14:57	0°♓	
asc. node	-7632 May 01 j 00:32	16°♓34'26	
	-7632 May 11 j 20:19	0°♈	
evening rise	-7632 May 20 j 09:26	10°♈37'06	
	-7632 Jun 04 j 23:16	0°♉	
	-7632 Jun 29 j 01:09	0°♊	
	-7632 Jul 23 j 03:55	0°♋	
	-7632 Aug 16 j 10:07	0°♌	
desc. node	-7632 Aug 21 j 09:28	6°♌06'54	
	-7632 Sep 09 j 22:48	0°♍	
	-7632 Oct 04 j 22:56	0°♎	
	-7632 Oct 30 j 22:16	0°♏	
evening max el	-7632 Nov 22 j 17:03	24°♏20'36	46°06'47
	-7632 Nov 28 j 11:30	0°♐	
asc. node	-7632 Dec 11 j 17:16	11°♐45'52	
greatest brilliancy	-7632 Dec 31 j 07:15	23°♐59'45	-4.8m
retrograde	-7631 Jan 11 j 09:50	26°♐17'30	
evening set	-7631 Jan 28 j 22:44	20°♐19'40	
inferior conj	-7631 Feb 01 j 20:16	17°♐52'23	8°04'31
minimum elong	-7631 Feb 01 j 18:22	17°♐55'24	8°03'59
min. Earth dist.	-7631 Feb 01 j 19:43	17°♐53'15	0.29515 AU
morning rise	-7631 Feb 05 j 14:05	15°♐30'34	
direct	-7631 Feb 23 j 13:44	9°♐21'49	
greatest brilliancy	-7631 Mar 05 j 05:11	11°♐02'22	-4.7m
desc. node	-7631 Apr 03 j 07:43	29°♐50'30	
	-7631 Apr 03 j 12:06	0°♑	
morning max el	-7631 Apr 13 j 11:59	9°♑06'41	45°57'17
	-7631 May 04 j 01:48	0°♒	
	-7631 May 31 j 00:27	0°♓	
	-7631 Jun 25 j 10:51	0°♈	
	-7631 Jul 20 j 00:34	0°♉	
asc. node	-7631 Jul 24 j 13:45	5°♉38'10	
	-7631 Aug 13 j 01:58	0°♊	
	-7631 Sep 05 j 21:24	0°♋	
	-7631 Sep 29 j 16:08	0°♌	
morning set	-7631 Oct 13 j 10:48	17°♌19'09	
	-7631 Oct 23 j 13:40	0°♍	
desc. node	-7631 Nov 13 j 21:47	26°♍36'20	
	-7631 Nov 16 j 15:21	0°♎	
superior conj	-7631 Nov 24 j 17:00	10°♎00'45	-0°24'18
minimum elong	-7631 Nov 24 j 10:56	9°♎41'56	0°24'03
max. Earth dist.	-7631 Nov 29 j 05:56	15°♎38'10	1.72460 AU
	-7631 Dec 10 j 20:45	0°♏	
evening rise	-7630 Jan 03 j 17:43	29°♏25'36	
	-7630 Jan 04 j 04:54	0°♐	
	-7630 Jan 28 j 15:35	0°♑	
	-7630 Feb 22 j 05:47	0°♒	
asc. node	-7630 Mar 06 j 01:01	14°♒18'22	
	-7630 Mar 19 j 01:26	0°♓	
	-7630 Apr 13 j 04:53	0°♈	
	-7630 May 08 j 19:51	0°♉	
	-7630 Jun 04 j 07:19	0°♊	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

desc. node	-7630 Jun 26 j 13:08	23°♊41'34		
evening max el	-7630 Jun 30 j 12:49	27°♊41'42	47°14'27	
	-7630 Jul 02 j 21:05	0°♋		
greatest brilliancy	-7630 Aug 10 j 22:46	28°♋41'09	-4.9m	
	-7630 Aug 16 j 08:19	0°♌		
retrograde	-7630 Aug 20 j 02:54	0°♌16'57		
	-7630 Aug 23 j 19:45	30°℞♋		
evening set	-7630 Sep 06 j 04:12	24°♋38'08		
inferior conj	-7630 Sep 09 j 17:33	22°♋29'12	-7°48'50	
minimum elong	-7630 Sep 10 j 02:55	22°♋14'54	7°46'51	
min. Earth dist.	-7630 Sep 09 j 13:35	22°♋35'16	0.26562 AU	
morning rise	-7630 Sep 14 j 01:44	19°♋53'45		
direct	-7630 Sep 29 j 22:55	14°♋54'12		
greatest brilliancy	-7630 Oct 09 j 23:47	16°♋50'57	-4.9m	
asc. node	-7630 Oct 16 j 22:25	20°♋07'20		
	-7630 Oct 30 j 22:42	0°♌		
morning max el	-7630 Nov 19 j 06:31	17°♌53'50	46°29'31	
	-7630 Nov 30 j 22:48	0°♍		
	-7630 Dec 28 j 03:20	0°♎		
	-7629 Jan 23 j 06:23	0°♏		
desc. node	-7629 Feb 06 j 10:49	16°♏33'15		
	-7629 Feb 17 j 21:05	0°♐		
	-7629 Mar 15 j 02:23	0°♑		
	-7629 Apr 08 j 22:53	0°♒		
	-7629 May 03 j 11:16	0°♓		
morning set	-7629 May 16 j 20:24	16°♓32'01		
	-7629 May 27 j 16:35	0°♈		
asc. node	-7629 May 29 j 13:43	2°♈20'31		
max. Earth dist.	-7629 Jun 18 j 11:12	27°♈13'14	1.71629 AU	
	-7629 Jun 20 j 16:23	0°♉		
superior conj	-7629 Jun 22 j 10:19	2°♉11'35	0°51'50	
minimum elong	-7629 Jun 22 j 01:31	1°♉43'59	0°51'43	
	-7629 Jul 14 j 12:47	0°♊		
evening rise	-7629 Jul 30 j 13:16	20°♊10'54		
	-7629 Aug 07 j 08:22	0°♋		
	-7629 Aug 31 j 05:39	0°♌		
desc. node	-7629 Sep 18 j 21:48	23°♌19'31		
	-7629 Sep 24 j 06:35	0°♍		
	-7629 Oct 18 j 12:36	0°♎		
	-7629 Nov 12 j 01:51	0°♏		
	-7629 Dec 07 j 03:19	0°♐		
	-7628 Jan 02 j 04:58	0°♑		
asc. node	-7628 Jan 09 j 03:55	7°♑40'49		
	-7628 Jan 30 j 15:13	0°♒		
evening max el	-7628 Feb 02 j 15:20	2°♒54'15	45°00'10	
greatest brilliancy	-7628 Mar 11 j 03:54	29°♒54'17	-4.7m	
	-7628 Mar 11 j 10:27	0°♓		
retrograde	-7628 Mar 21 j 13:53	1°♓49'21		
	-7628 Mar 31 j 07:13	30°℞♒		
evening set	-7628 Apr 06 j 08:33	27°♒09'39		
inferior conj	-7628 Apr 11 j 22:43	23°♒50'17	4°07'20	
minimum elong	-7628 Apr 12 j 06:31	23°♒38'13	4°05'05	
min. Earth dist.	-7628 Apr 13 j 00:56	23°♒09'48	0.28761 AU	
morning rise	-7628 Apr 18 j 03:43	20°♒08'23		
desc. node	-7628 Apr 30 j 18:27	15°♒42'36		
direct	-7628 May 03 j 18:56	15°♒31'58		
greatest brilliancy	-7628 May 15 j 02:41	17°♒49'18	-4.8m	
	-7628 Jun 03 j 22:38	0°♓		
morning max el	-7628 Jun 22 j 13:36	16°♓45'06	46°25'10	
	-7628 Jul 05 j 10:42	0°♈		
	-7628 Aug 01 j 03:53	0°♉		
asc. node	-7628 Aug 21 j 02:15	23°♉44'19		
	-7628 Aug 26 j 05:58	0°♊		
	-7628 Sep 19 j 14:42	0°♋		
	-7628 Oct 13 j 17:17	0°♌		
	-7628 Nov 06 j 20:13	0°♍		
	-7628 Dec 01 j 02:20	0°♎		
desc. node	-7628 Dec 11 j 11:03	12°♎45'47		
	-7628 Dec 25 j 11:37	0°♏		
morning set	-7628 Dec 28 j 13:57	3°♏48'07		
	-7627 Jan 18 j 22:29	0°♐		
superior conj	-7627 Feb 04 j 23:23	20°♐53'49	-1°21'48	
minimum elong	-7627 Feb 04 j 22:53	20°♐52'16	1°22'17	
max. Earth dist.	-7627 Feb 04 j 14:07	20°♐25'23	1.73703 AU	
	-7627 Feb 12 j 09:26	0°♑		
	-7627 Mar 08 j 19:58	0°♒		
evening rise	-7627 Mar 13 j 03:13	5°♒16'57		
	-7627 Apr 02 j 06:26	0°♓		
asc. node	-7627 Apr 02 j 13:35	0°♓21'54		
	-7627 Apr 26 j 17:33	0°♈		
	-7627 May 21 j 06:13	0°♉		
	-7627 Jun 14 j 21:59	0°♊		
	-7627 Jul 09 j 20:03	0°♋		
desc. node	-7627 Jul 24 j 00:04	16°♋48'33		
	-7627 Aug 04 j 07:06	0°♌		
	-7627 Aug 30 j 23:34	0°♍		
evening max el	-7627 Sep 10 j 20:23	11°♍26'00	47°37'02	
	-7627 Sep 30 j 14:45	0°♎		
greatest brilliancy	-7627 Oct 21 j 12:52	13°♎25'29	-4.9m	
retrograde	-7627 Nov 01 j 00:48	15°♎32'53		
asc. node	-7627 Nov 13 j 08:56	12°♎22'54		
evening set	-7627 Nov 15 j 19:15	11°♎05'26		
min. Earth dist.	-7627 Nov 21 j 01:28	7°♎52'27	0.27684 AU	
inferior conj	-7627 Nov 21 j 23:14	7°♎17'38	2°04'23	
minimum elong	-7627 Nov 21 j 18:59	7°♎24'26	2°03'08	
morning rise	-7627 Nov 27 j 19:41	3°♎42'42		
	-7627 Dec 06 j 19:22	30°℞♍		
direct	-7627 Dec 12 j 16:16	29°♍17'40		
	-7627 Dec 18 j 17:49	0°♎		
greatest brilliancy	-7627 Dec 21 j 14:23	0°♎47'10	-4.8m	
morning max el	-7626 Jan 30 j 13:14	29°♎32'25	45°59'18	
	-7626 Jan 31 j 00:45	0°♏		
	-7626 Mar 01 j 03:49	0°♐		
desc. node	-7626 Mar 05 j 22:47	5°♐13'33		
	-7626 Mar 28 j 00:54	0°♑		
	-7626 Apr 22 j 19:19	0°♒		
	-7626 May 17 j 19:58	0°♓		
	-7626 Jun 11 j 07:25	0°♈		
asc. node	-7626 Jun 26 j 02:56	18°♈24'30		
	-7626 Jul 05 j 09:12	0°♉		
greatest brilliancy	-7626 Jul 22 j 02:24	21°♉01'56	-3.9m	
morning set	-7626 Jul 26 j 05:03	26°♉13'16		
	-7626 Jul 29 j 04:49	0°♊		
	-7626 Aug 21 j 21:54	0°♋		
superior conj	-7626 Sep 04 j 09:15	17°♋02'16	1°16'36	
minimum elong	-7626 Sep 04 j 17:41	17°♋28'54	1°16'56	
max. Earth dist.	-7626 Sep 08 j 05:51	21°♋54'33	1.70809 AU	
	-7626 Sep 14 j 15:49	0°♌		
	-7626 Oct 08 j 12:58	0°♍		
desc. node	-7626 Oct 16 j 10:39	9°♍52'45		
evening rise	-7626 Oct 17 j 08:43	11°♍01'38		
	-7626 Nov 01 j 14:20	0°♎		
	-7626 Nov 25 j 20:05	0°♏		
	-7626 Dec 20 j 06:49	0°♐		
	-7625 Jan 14 j 00:56	0°♑		
asc. node	-7625 Feb 05 j 15:15	26°♑51'39		
	-7625 Feb 08 j 07:33	0°♒		
	-7625 Mar 06 j 11:38	0°♓		
	-7625 Apr 03 j 09:02	0°♈		
evening max el	-7625 Apr 15 j 07:03	11°♈46'53	45°32'40	
	-7625 May 06 j 14:37	0°♉		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

greatest brilliancy	-7625 May 24 j 11:00	9°♉55'18	-4.8m
desc. node	-7625 May 29 j 04:54	11°♉11'17	
retrograde	-7625 Jun 03 j 08:10	11°♉40'54	
evening set	-7625 Jun 18 j 14:14	7°♉18'40	
inferior conj	-7625 Jun 24 j 06:51	4°♉02'47	-5°49'01
minimum elong	-7625 Jun 23 j 20:26	4°♉18'18	5°46'21
min. Earth dist.	-7625 Jun 24 j 10:54	3°♉56'44	0.27116 AU
morning rise	-7625 Jun 29 j 02:08	1°♉14'35	
	-7625 Jul 01 j 10:13	30°♑℞	
direct	-7625 Jul 15 j 04:00	26°♈18'32	
greatest brilliancy	-7625 Jul 26 j 05:37	28°♈34'10	-4.9m
	-7625 Jul 29 j 12:12	0°♉	
morning max el	-7625 Sep 03 j 19:45	29°♉25'38	46°47'46
	-7625 Sep 04 j 09:12	0°♊	
asc. node	-7625 Sep 18 j 13:47	15°♊09'24	
	-7625 Oct 01 j 17:22	0°♋	
	-7625 Oct 27 j 05:15	0°♌	
	-7625 Nov 21 j 03:30	0°♍	
	-7625 Dec 15 j 22:53	0°♎	
desc. node	-7624 Jan 09 j 00:18	29°♎05'44	
	-7624 Jan 09 j 18:15	0°♏	
	-7624 Feb 03 j 12:48	0°♐	
	-7624 Feb 28 j 04:50	0°♑	
morning set	-7624 Mar 08 j 04:53	10°♑59'32	
	-7624 Mar 23 j 17:15	0°♒	
max. Earth dist.	-7624 Apr 09 j 00:57	20°♒04'35	1.73358 AU
superior conj	-7624 Apr 12 j 16:00	24°♒33'01	-0°38'55
minimum elong	-7624 Apr 12 j 22:39	24°♒53'31	0°38'59
	-7624 Apr 17 j 01:56	0°♓	
asc. node	-7624 Apr 30 j 02:34	16°♓06'35	
	-7624 May 11 j 07:25	0°♈	
evening rise	-7624 May 18 j 04:13	8°♈31'42	
	-7624 Jun 04 j 10:34	0°♉	
	-7624 Jun 28 j 12:44	0°♊	
	-7624 Jul 22 j 15:54	0°♋	
	-7624 Aug 15 j 22:34	0°♌	
desc. node	-7624 Aug 20 j 11:41	5°♌35'07	
	-7624 Sep 09 j 11:56	0°♍	
	-7624 Oct 04 j 13:09	0°♎	
	-7624 Oct 30 j 14:51	0°♏	
evening max el	-7624 Nov 20 j 09:49	22°♏08'38	46°10'23
	-7624 Nov 28 j 11:47	0°♐	
asc. node	-7624 Dec 10 j 19:30	10°♐42'21	
greatest brilliancy	-7624 Dec 28 j 23:59	21°♐51'40	-4.8m
retrograde	-7623 Jan 09 j 04:08	24°♐10'45	
evening set	-7623 Jan 26 j 15:08	18°♐14'17	
inferior conj	-7623 Jan 30 j 13:48	15°♐45'02	8°02'41
minimum elong	-7623 Jan 30 j 11:18	15°♐49'03	8°02'05
min. Earth dist.	-7623 Jan 30 j 11:24	15°♐48'54	0.29491 AU
morning rise	-7623 Feb 03 j 07:37	13°♐23'18	
direct	-7623 Feb 21 j 07:13	7°♐14'59	
greatest brilliancy	-7623 Mar 02 j 19:59	8°♐53'48	-4.7m
desc. node	-7623 Apr 02 j 09:54	28°♐55'53	
	-7623 Apr 03 j 14:55	0°♑	
morning max el	-7623 Apr 11 j 05:30	7°♑00'50	45°56'35
	-7623 May 03 j 18:43	0°♒	
	-7623 May 30 j 14:31	0°♓	
	-7623 Jun 24 j 23:40	0°♈	
	-7623 Jul 19 j 12:44	0°♉	
asc. node	-7623 Jul 23 j 16:03	5°♉07'45	
	-7623 Aug 12 j 13:47	0°♊	
	-7623 Sep 05 j 09:03	0°♋	
	-7623 Sep 29 j 03:41	0°♌	
morning set	-7623 Oct 10 j 20:24	14°♌42'38	
	-7623 Oct 23 j 01:08	0°♍	
desc. node	-7623 Nov 12 j 23:47	26°♍07'12	
	-7623 Nov 16 j 02:43	0°♎	
superior conj	-7623 Nov 22 j 03:36	7°♎29'38	-0°20'41
minimum elong	-7623 Nov 21 j 22:19	7°♎13'18	0°20'27
max. Earth dist.	-7623 Nov 26 j 21:21	13°♎22'15	1.72395 AU
	-7623 Dec 10 j 08:00	0°♏	
evening rise	-7622 Jan 01 j 08:54	27°♏10'15	
	-7622 Jan 03 j 16:06	0°♐	
	-7622 Jan 28 j 02:50	0°♑	
	-7622 Feb 21 j 17:19	0°♒	
asc. node	-7622 Mar 05 j 03:13	13°♒49'37	
	-7622 Mar 18 j 13:29	0°♓	
	-7622 Apr 12 j 17:50	0°♈	
	-7622 May 08 j 10:22	0°♉	
	-7622 Jun 04 j 00:52	0°♊	
desc. node	-7622 Jun 25 j 15:27	22°♊49'29	
evening max el	-7622 Jun 28 j 03:05	25°♊18'17	47°11'23
	-7622 Jul 02 j 22:53	0°♋	
greatest brilliancy	-7622 Aug 08 j 10:55	26°♋09'56	-4.9m
retrograde	-7622 Aug 17 j 15:13	27°♋45'14	
evening set	-7622 Sep 03 j 19:34	22°♋02'40	
inferior conj	-7622 Sep 07 j 05:43	19°♋58'23	-8°00'33
minimum elong	-7622 Sep 07 j 14:36	19°♋44'47	7°58'43
min. Earth dist.	-7622 Sep 07 j 01:50	20°♋04'19	0.26559 AU
morning rise	-7622 Sep 11 j 09:46	17°♋28'51	
direct	-7622 Sep 27 j 11:38	12°♋24'00	
greatest brilliancy	-7622 Oct 07 j 12:23	14°♋20'31	-4.9m
asc. node	-7622 Oct 16 j 00:36	18°♋32'01	
	-7622 Oct 31 j 10:12	0°♌	
morning max el	-7622 Nov 16 j 19:50	15°♌27'37	46°30'33
	-7622 Nov 30 j 18:21	0°♍	
	-7622 Dec 27 j 18:44	0°♎	
	-7621 Jan 22 j 19:50	0°♏	
desc. node	-7621 Feb 05 j 12:57	16°♏01'54	
	-7621 Feb 17 j 09:28	0°♐	
	-7621 Mar 14 j 14:06	0°♑	
	-7621 Apr 08 j 10:14	0°♒	
	-7621 May 02 j 22:27	0°♓	
morning set	-7621 May 14 j 15:00	14°♓26'28	
	-7621 May 27 j 03:43	0°♈	
asc. node	-7621 May 28 j 15:52	1°♈52'32	
max. Earth dist.	-7621 Jun 15 j 23:05	24°♈44'59	1.71697 AU
superior conj	-7621 Jun 20 j 02:44	29°♈57'22	0°49'13
minimum elong	-7621 Jun 19 j 18:12	29°♈30'35	0°49'04
	-7621 Jun 20 j 03:34	0°♉	
	-7621 Jul 14 j 00:06	0°♊	
evening rise	-7621 Jul 28 j 01:41	17°♊42'55	
	-7621 Aug 06 j 19:51	0°♋	
	-7621 Aug 30 j 17:18	0°♌	
desc. node	-7621 Sep 17 j 23:52	22°♌49'13	
	-7621 Sep 23 j 18:26	0°♍	
	-7621 Oct 18 j 00:44	0°♎	
	-7621 Nov 11 j 14:28	0°♏	
	-7621 Dec 06 j 16:52	0°♐	
	-7620 Jan 01 j 20:35	0°♑	
asc. node	-7620 Jan 08 j 06:17	7°♑02'21	
	-7620 Jan 30 j 13:03	0°♒	
evening max el	-7620 Jan 31 j 06:01	0°♒40'42	45°01'00
greatest brilliancy	-7620 Mar 08 j 19:52	27°♒45'46	-4.7m
retrograde	-7620 Mar 19 j 05:14	29°♒40'58	
evening set	-7620 Apr 04 j 02:53	24°♒57'26	
inferior conj	-7620 Apr 09 j 14:55	21°♒40'54	4°23'34
minimum elong	-7620 Apr 09 j 23:01	21°♒28'22	4°21'17
min. Earth dist.	-7620 Apr 10 j 17:29	20°♒59'49	0.28821 AU
morning rise	-7620 Apr 15 j 18:21	18°♒00'37	
desc. node	-7620 Apr 29 j 20:32	13°♒24'24	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

direct	-7620 May 01 j 11:01	13°♒21'26		
greatest brilliancy	-7620 May 12 j 19:04	15°♒38'27	-4.8m	
	-7620 Jun 04 j 08:04	0°♓		
morning max el	-7620 Jun 20 j 04:17	14°♓27'41	46°23'56	
	-7620 Jul 05 j 05:10	0°♈		
	-7620 Jul 31 j 18:47	0°♉		
asc. node	-7620 Aug 20 j 04:22	23°♉09'18		
	-7620 Aug 25 j 19:24	0°♊		
	-7620 Sep 19 j 03:22	0°♋		
	-7620 Oct 13 j 05:27	0°♌		
	-7620 Nov 06 j 08:02	0°♍		
	-7620 Nov 30 j 13:53	0°♎		
desc. node	-7620 Dec 10 j 13:16	12°♎17'18		
	-7620 Dec 24 j 22:57	0°♏		
morning set	-7620 Dec 26 j 03:25	1°♏27'26		
	-7619 Jan 18 j 09:39	0°♐		
superior conj	-7619 Feb 02 j 16:49	18°♐46'05	-1°21'40	
minimum elong	-7619 Feb 02 j 15:38	18°♐42'26	1°22'09	
max. Earth dist.	-7619 Feb 02 j 09:05	18°♐22'20	1.73682 AU	
	-7619 Feb 11 j 20:31	0°♑		
	-7619 Mar 08 j 07:02	0°♒		
evening rise	-7619 Mar 10 j 22:28	3°♒14'38		
greatest brilliancy	-7619 Mar 10 j 19:43	3°♒06'14	-3.9m	
asc. node	-7619 Apr 01 j 15:41	29°♒54'01		
	-7619 Apr 01 j 17:38	0°♓		
	-7619 Apr 26 j 05:04	0°♈		
	-7619 May 20 j 18:14	0°♉		
	-7619 Jun 14 j 10:43	0°♊		
	-7619 Jul 09 j 09:52	0°♋		
desc. node	-7619 Jul 23 j 02:16	16°♋11'46		
	-7619 Aug 03 j 22:47	0°♌		
	-7619 Aug 30 j 19:18	0°♍		
evening max el	-7619 Sep 08 j 10:41	9°♍02'16	47°38'32	
	-7619 Oct 01 j 03:36	0°♎		
greatest brilliancy	-7619 Oct 19 j 06:02	11°♎05'59	-4.9m	
retrograde	-7619 Oct 29 j 15:54	13°♎12'00		
asc. node	-7619 Nov 12 j 11:10	9°♎16'49		
evening set	-7619 Nov 13 j 10:09	8°♎45'12		
min. Earth dist.	-7619 Nov 18 j 17:17	5°♎31'25	0.27614 AU	
inferior conj	-7619 Nov 19 j 14:21	4°♎57'46	1°43'46	
minimum elong	-7619 Nov 19 j 10:46	5°♎03'30	1°42'43	
morning rise	-7619 Nov 25 j 12:16	1°♎20'58		
	-7619 Nov 28 j 02:12	30°℞♍		
direct	-7619 Dec 10 j 05:58	26°♍58'46		
greatest brilliancy	-7619 Dec 19 j 06:01	28°♍29'53	-4.8m	
	-7619 Dec 23 j 04:10	0°♎		
morning max el	-7618 Jan 28 j 04:00	27°♎17'18	46°00'06	
	-7618 Jan 30 j 23:23	0°♏		
	-7618 Feb 28 j 19:51	0°♐		
desc. node	-7618 Mar 05 j 00:53	4°♐36'46		
	-7618 Mar 27 j 14:29	0°♑		
	-7618 Apr 22 j 07:42	0°♒		
	-7618 May 17 j 07:41	0°♓		
	-7618 Jun 10 j 18:49	0°♈		
asc. node	-7618 Jun 25 j 05:14	17°♈56'28		
	-7618 Jul 04 j 20:28	0°♉		
greatest brilliancy	-7618 Jul 21 j 05:31	20°♉36'22	-3.9m	
morning set	-7618 Jul 23 j 18:21	23°♉48'16		
	-7618 Jul 28 j 16:03	0°♊		
	-7618 Aug 21 j 09:10	0°♋		
superior conj	-7618 Sep 01 j 19:05	14°♋25'57	1°18'03	
minimum elong	-7618 Sep 02 j 02:41	14°♋49'59	1°18'26	
max. Earth dist.	-7618 Sep 05 j 07:58	18°♋54'02	1.70796 AU	
	-7618 Sep 14 j 03:09	0°♌		
	-7618 Oct 08 j 00:22	0°♍		
evening rise	-7618 Oct 14 j 16:34	8°♍20'43		
desc. node	-7618 Oct 15 j 12:43	9°♍23'37		
	-7618 Nov 01 j 01:47	0°♎		
	-7618 Nov 25 j 07:37	0°♏		
	-7618 Dec 19 j 18:31	0°♐		
	-7617 Jan 13 j 13:06	0°♑		
asc. node	-7617 Feb 04 j 17:26	26°♑20'01		
	-7617 Feb 07 j 20:39	0°♒		
	-7617 Mar 06 j 02:43	0°♓		
	-7617 Apr 03 j 05:03	0°♈		
evening max el	-7617 Apr 12 j 21:39	9°♈30'50	45°30'08	
	-7617 May 07 j 11:55	0°♉		
greatest brilliancy	-7617 May 21 j 21:59	7°♉31'39	-4.8m	
desc. node	-7617 May 28 j 07:14	9°♉04'08		
retrograde	-7617 May 31 j 21:26	9°♉18'44		
evening set	-7617 Jun 16 j 00:15	5°♉00'02		
inferior conj	-7617 Jun 21 j 19:44	1°♉40'10	-5°31'02	
minimum elong	-7617 Jun 21 j 09:32	1°♉55'21	5°28'22	
min. Earth dist.	-7617 Jun 22 j 00:07	1°♉33'36	0.27154 AU	
	-7617 Jun 24 j 15:26	30°℞♈		
morning rise	-7617 Jun 26 j 18:22	28°♈47'35		
direct	-7617 Jul 12 j 18:16	23°♈55'10		
greatest brilliancy	-7617 Jul 23 j 19:43	26°♈11'04	-4.9m	
	-7617 Jul 31 j 12:26	0°♉		
morning max el	-7617 Sep 01 j 10:08	27°♉02'00	46°47'30	
	-7617 Sep 04 j 07:15	0°♊		
asc. node	-7617 Sep 17 j 15:59	14°♊24'30		
	-7617 Oct 01 j 09:39	0°♋		
	-7617 Oct 26 j 19:21	0°♌		
	-7617 Nov 20 j 16:28	0°♍		
	-7617 Dec 15 j 11:07	0°♎		
desc. node	-7616 Jan 08 j 02:27	28°♎36'44		
	-7616 Jan 09 j 05:57	0°♏		
	-7616 Feb 03 j 00:07	0°♐		
	-7616 Feb 27 j 15:52	0°♑		
morning set	-7616 Mar 05 j 23:24	8°♑55'49		
	-7616 Mar 23 j 04:09	0°♒		
max. Earth dist.	-7616 Apr 06 j 23:14	18°♒11'44	1.73395 AU	
superior conj	-7616 Apr 10 j 11:17	22°♒30'49	-0°41'31	
minimum elong	-7616 Apr 10 j 18:14	22°♒52'14	0°41'35	
	-7616 Apr 16 j 12:51	0°♓		
asc. node	-7616 Apr 29 j 04:46	15°♓39'32		
	-7616 May 10 j 18:26	0°♈		
evening rise	-7616 May 15 j 23:07	6°♈26'59		
	-7616 Jun 03 j 21:46	0°♉		
	-7616 Jun 28 j 00:11	0°♊		
	-7616 Jul 22 j 03:41	0°♋		
	-7616 Aug 15 j 10:50	0°♌		
desc. node	-7616 Aug 19 j 13:46	5°♌03'39		
	-7616 Sep 09 j 00:53	0°♍		
	-7616 Oct 04 j 03:19	0°♎		
	-7616 Oct 30 j 07:36	0°♏		
evening max el	-7616 Nov 18 j 02:38	19°♏56'40	46°13'41	
	-7616 Nov 28 j 13:21	0°♐		
asc. node	-7616 Dec 09 j 21:52	9°♐37'07		
greatest brilliancy	-7616 Dec 26 j 17:08	19°♐43'17	-4.8m	
retrograde	-7615 Jan 06 j 21:53	22°♐02'43		
evening set	-7615 Jan 24 j 07:00	16°♐08'24		
inferior conj	-7615 Jan 28 j 07:02	13°♐36'43	8°00'02	
minimum elong	-7615 Jan 28 j 03:55	13°♐41'43	7°59'25	
min. Earth dist.	-7615 Jan 28 j 02:54	13°♐43'21	0.29462 AU	
morning rise	-7615 Feb 01 j 01:02	11°♐14'35		
direct	-7615 Feb 19 j 00:26	5°♐07'23		
greatest brilliancy	-7615 Feb 28 j 10:23	6°♐44'11	-4.7m	
desc. node	-7615 Apr 01 j 12:03	28°♐02'19		
	-7615 Apr 03 j 16:17	0°♑		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

morning max el	-7615 Apr 08 j 21:51	4°♉52'26	45°55'59
	-7615 May 03 j 11:12	0°♒	
	-7615 May 30 j 04:16	0°♓	
	-7615 Jun 24 j 12:12	0°♈	
	-7615 Jul 19 j 00:38	0°♉	
asc. node	-7615 Jul 22 j 18:06	4°♉37'23	
	-7615 Aug 12 j 01:20	0°♊	
	-7615 Sep 04 j 20:24	0°♋	
	-7615 Sep 28 j 14:54	0°♌	
morning set	-7615 Oct 08 j 06:26	12°♌08'19	
	-7615 Oct 22 j 12:16	0°♍	
desc. node	-7615 Nov 12 j 02:00	25°♍39'44	
	-7615 Nov 15 j 13:46	0°♎	
superior conj	-7615 Nov 19 j 14:08	4°♎59'10	-0°17'02
minimum elong	-7615 Nov 19 j 09:44	4°♎45'31	0°16'49
max. Earth dist.	-7615 Nov 24 j 14:41	11°♎12'59	1.72337 AU
	-7615 Dec 09 j 19:00	0°♏	
evening rise	-7615 Dec 29 j 23:41	24°♏54'12	
	-7614 Jan 03 j 03:05	0°♐	
	-7614 Jan 27 j 13:56	0°♑	
	-7614 Feb 21 j 04:40	0°♒	
asc. node	-7614 Mar 04 j 05:19	13°♒21'06	
	-7614 Mar 18 j 01:22	0°♓	
	-7614 Apr 12 j 06:39	0°♈	
	-7614 May 08 j 00:48	0°♉	
	-7614 Jun 03 j 18:32	0°♊	
desc. node	-7614 Jun 24 j 17:39	21°♊56'53	
evening max el	-7614 Jun 25 j 16:24	22°♊53'16	47°08'15
	-7614 Jul 03 j 01:45	0°♋	
greatest brilliancy	-7614 Aug 05 j 23:40	23°♋40'24	-4.9m
retrograde	-7614 Aug 15 j 03:01	25°♋14'38	
evening set	-7614 Sep 01 j 10:50	19°♋28'41	
inferior conj	-7614 Sep 04 j 17:56	17°♋28'54	-8°11'13
minimum elong	-7614 Sep 05 j 02:16	17°♋16'09	8°09'35
min. Earth dist.	-7614 Sep 04 j 14:26	17°♋34'16	0.26552 AU
morning rise	-7614 Sep 08 j 17:48	15°♋05'16	
direct	-7614 Sep 24 j 23:52	9°♋55'03	
greatest brilliancy	-7614 Oct 05 j 01:28	11°♋51'55	-4.9m
asc. node	-7614 Oct 15 j 02:49	17°♋01'23	
	-7614 Oct 31 j 18:09	0°♌	
morning max el	-7614 Nov 14 j 08:02	12°♌59'45	46°31'37
	-7614 Nov 30 j 12:52	0°♍	
	-7614 Dec 27 j 09:29	0°♎	
	-7613 Jan 22 j 08:52	0°♏	
desc. node	-7613 Feb 04 j 14:59	15°♏31'15	
	-7613 Feb 16 j 21:31	0°♐	
	-7613 Mar 14 j 01:34	0°♑	
	-7613 Apr 07 j 21:21	0°♒	
	-7613 May 02 j 09:21	0°♓	
morning set	-7613 May 12 j 09:20	12°♓21'00	
	-7613 May 26 j 14:34	0°♈	
asc. node	-7613 May 27 j 18:05	1°♈25'40	
max. Earth dist.	-7613 Jun 13 j 13:41	22°♈26'16	1.71763 AU
superior conj	-7613 Jun 17 j 19:02	27°♈43'47	0°46'29
minimum elong	-7613 Jun 17 j 10:47	27°♈17'57	0°46'21
	-7613 Jun 19 j 14:28	0°♉	
	-7613 Jul 13 j 11:09	0°♊	
evening rise	-7613 Jul 25 j 14:20	15°♊16'36	
	-7613 Aug 06 j 07:04	0°♋	
	-7613 Aug 30 j 04:41	0°♌	
desc. node	-7613 Sep 17 j 02:00	22°♌20'05	
	-7613 Sep 23 j 05:58	0°♍	
	-7613 Oct 17 j 12:32	0°♎	
	-7613 Nov 11 j 02:44	0°♏	
	-7613 Dec 06 j 06:05	0°♐	
	-7612 Jan 01 j 12:00	0°♑	
asc. node	-7612 Jan 07 j 08:22	6°♑23'50	
evening max el	-7612 Jan 28 j 20:11	28°♑26'46	45°01'46
	-7612 Jan 30 j 11:22	0°♒	
greatest brilliancy	-7612 Mar 06 j 11:12	25°♒37'02	-4.7m
retrograde	-7612 Mar 16 j 20:53	27°♒33'01	
evening set	-7612 Apr 01 j 21:07	22°♒45'17	
inferior conj	-7612 Apr 07 j 06:58	19°♒31'46	4°39'24
minimum elong	-7612 Apr 07 j 15:21	19°♒18'48	4°37'05
min. Earth dist.	-7612 Apr 08 j 09:50	18°♒50'14	0.28883 AU
morning rise	-7612 Apr 13 j 08:44	15°♒53'32	
desc. node	-7612 Apr 28 j 22:50	11°♒11'02	
direct	-7612 Apr 29 j 02:57	11°♒11'00	
greatest brilliancy	-7612 May 10 j 11:34	13°♒28'17	-4.8m
	-7612 Jun 04 j 14:45	0°♓	
morning max el	-7612 Jun 17 j 19:33	12°♓12'27	46°22'51
	-7612 Jul 04 j 22:57	0°♈	
	-7612 Jul 31 j 09:15	0°♉	
asc. node	-7612 Aug 19 j 06:31	22°♉35'30	
	-7612 Aug 25 j 08:27	0°♊	
	-7612 Sep 18 j 15:39	0°♋	
	-7612 Oct 12 j 17:17	0°♌	
	-7612 Nov 05 j 19:30	0°♍	
	-7612 Nov 30 j 01:05	0°♎	
desc. node	-7612 Dec 09 j 15:23	11°♎49'40	
morning set	-7612 Dec 23 j 17:00	29°♎08'02	
	-7612 Dec 24 j 09:55	0°♏	
	-7611 Jan 17 j 20:27	0°♐	
superior conj	-7611 Jan 31 j 10:21	16°♐39'42	-1°21'24
minimum elong	-7611 Jan 31 j 08:29	16°♐33'59	1°21'54
max. Earth dist.	-7611 Jan 31 j 04:33	16°♐21'55	1.73664 AU
	-7611 Feb 11 j 07:14	0°♑	
	-7611 Mar 07 j 17:48	0°♒	
evening rise	-7611 Mar 08 j 17:44	1°♒13'24	
greatest brilliancy	-7611 Mar 09 j 08:54	1°♒59'55	-3.9m
asc. node	-7611 Mar 31 j 17:53	29°♒27'12	
	-7611 Apr 01 j 04:35	0°♓	
	-7611 Apr 25 j 16:22	0°♈	
	-7611 May 20 j 06:04	0°♉	
	-7611 Jun 13 j 23:18	0°♊	
	-7611 Jul 08 j 23:33	0°♋	
desc. node	-7611 Jul 22 j 04:20	15°♋35'05	
	-7611 Aug 03 j 14:24	0°♌	
	-7611 Aug 30 j 15:17	0°♍	
evening max el	-7611 Sep 06 j 01:20	6°♍40'16	47°40'00
	-7611 Oct 01 j 20:15	0°♎	
greatest brilliancy	-7611 Oct 16 j 22:36	8°♎46'17	-4.9m
retrograde	-7611 Oct 27 j 07:20	10°♎51'40	
evening set	-7611 Nov 11 j 01:08	6°♎25'04	
asc. node	-7611 Nov 11 j 13:32	6°♎07'28	
min. Earth dist.	-7611 Nov 16 j 08:42	3°♎11'05	0.27544 AU
inferior conj	-7611 Nov 17 j 05:21	2°♎38'13	1°22'50
minimum elong	-7611 Nov 17 j 02:27	2°♎42'50	1°21'59
	-7611 Nov 21 j 11:03	30°℞♍	
morning rise	-7611 Nov 23 j 04:39	29°♍00'01	
direct	-7611 Dec 07 j 19:53	24°♍40'12	
greatest brilliancy	-7611 Dec 16 j 21:09	26°♍12'41	-4.8m
	-7611 Dec 25 j 08:48	0°♎	
morning max el	-7610 Jan 25 j 19:33	25°♎05'00	46°01'00
	-7610 Jan 30 j 20:45	0°♏	
	-7610 Feb 28 j 11:15	0°♐	
desc. node	-7610 Mar 04 j 03:04	4°♐01'32	
	-7610 Mar 27 j 03:38	0°♑	
	-7610 Apr 21 j 19:46	0°♒	
	-7610 May 16 j 19:12	0°♓	
	-7610 Jun 10 j 06:04	0°♈	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

asc. node	-7610 Jun 24 j 07:17	17°♈28'02	
	-7610 Jul 04 j 07:36	0°♉	
greatest brilliancy	-7610 Jul 20 j 09:41	20°♉14'31	-3.9m
morning set	-7610 Jul 21 j 07:33	21°♉23'28	
	-7610 Jul 28 j 03:09	0°♊	
	-7610 Aug 20 j 20:17	0°♋	
superior conj	-7610 Aug 30 j 04:49	11°♋49'52	1°19'20
minimum elong	-7610 Aug 30 j 11:32	12°♋11'06	1°19'46
max. Earth dist.	-7610 Sep 02 j 12:54	16°♋02'52	1.70781 AU
	-7610 Sep 13 j 14:18	0°♌	
	-7610 Oct 07 j 11:34	0°♍	
evening rise	-7610 Oct 12 j 00:17	5°♍39'54	
desc. node	-7610 Oct 14 j 14:54	8°♍55'26	
	-7610 Oct 31 j 13:04	0°♎	
	-7610 Nov 24 j 18:58	0°♏	
	-7610 Dec 19 j 06:03	0°♐	
	-7609 Jan 13 j 01:04	0°♑	
asc. node	-7609 Feb 03 j 19:37	25°♑49'01	
	-7609 Feb 07 j 09:35	0°♒	
	-7609 Mar 05 j 17:44	0°♓	
	-7609 Apr 03 j 01:27	0°♈	
evening max el	-7609 Apr 10 j 12:36	7°♈16'24	45°27'26
	-7609 May 08 j 16:47	0°♉	
greatest brilliancy	-7609 May 19 j 09:16	5°♉08'45	-4.8m
desc. node	-7609 May 27 j 09:23	6°♉51'47	
retrograde	-7609 May 29 j 10:21	6°♉56'31	
evening set	-7609 Jun 13 j 10:25	2°♉41'21	
	-7609 Jun 18 j 04:03	30°♑℞♈	
inferior conj	-7609 Jun 19 j 08:31	29°♈17'35	-5°12'25
minimum elong	-7609 Jun 18 j 22:36	29°♈32'22	5°09'46
min. Earth dist.	-7609 Jun 19 j 13:23	29°♈10'19	0.27197 AU
morning rise	-7609 Jun 24 j 10:23	26°♈20'29	
direct	-7609 Jul 10 j 08:34	21°♈31'50	
greatest brilliancy	-7609 Jul 21 j 09:29	23°♈47'18	-4.9m
	-7609 Aug 01 j 21:04	0°♉	
morning max el	-7609 Aug 29 j 23:59	24°♉36'54	46°47'14
	-7609 Sep 04 j 04:36	0°♊	
asc. node	-7609 Sep 16 j 18:15	13°♊40'13	
	-7609 Oct 01 j 01:41	0°♋	
	-7609 Oct 26 j 09:17	0°♌	
	-7609 Nov 20 j 05:17	0°♍	
	-7609 Dec 14 j 23:13	0°♎	
desc. node	-7608 Jan 07 j 04:25	28°♎07'33	
	-7608 Jan 08 j 17:33	0°♏	
	-7608 Feb 02 j 11:19	0°♐	
	-7608 Feb 27 j 02:49	0°♑	
morning set	-7608 Mar 03 j 18:13	6°♑53'21	
	-7608 Mar 22 j 14:58	0°♒	
max. Earth dist.	-7608 Apr 04 j 21:06	16°♒18'02	1.73429 AU
superior conj	-7608 Apr 08 j 06:57	20°♒30'11	-0°44'01
minimum elong	-7608 Apr 08 j 14:09	20°♒52'23	0°44'06
	-7608 Apr 15 j 23:39	0°♓	
asc. node	-7608 Apr 28 j 07:00	15°♓12'53	
	-7608 May 10 j 05:22	0°♈	
evening rise	-7608 May 13 j 18:19	4°♈23'32	
	-7608 Jun 03 j 08:56	0°♉	
	-7608 Jun 27 j 11:40	0°♊	
	-7608 Jul 21 j 15:35	0°♋	
	-7608 Aug 14 j 23:16	0°♌	
desc. node	-7608 Aug 18 j 15:57	4°♌31'57	
	-7608 Sep 08 j 14:03	0°♍	
	-7608 Oct 03 j 17:43	0°♎	
	-7608 Oct 30 j 00:46	0°♏	
evening max el	-7608 Nov 15 j 18:52	17°♏42'50	46°17'07
	-7608 Nov 28 j 16:24	0°♐	
asc. node	-7608 Dec 08 j 23:58	8°♐29'37	
greatest brilliancy	-7608 Dec 24 j 11:03	17°♐35'46	-4.8m
retrograde	-7607 Jan 04 j 15:20	19°♐54'45	
evening set	-7607 Jan 21 j 22:51	14°♐03'03	
inferior conj	-7607 Jan 26 j 00:24	11°♐28'41	7°56'53
minimum elong	-7607 Jan 25 j 20:40	11°♐34'40	7°56'12
min. Earth dist.	-7607 Jan 25 j 18:49	11°♐37'39	0.29425 AU
morning rise	-7607 Jan 29 j 18:43	9°♐05'46	
direct	-7607 Feb 16 j 17:30	3°♐00'08	
greatest brilliancy	-7607 Feb 26 j 01:13	4°♐35'03	-4.7m
desc. node	-7607 Mar 31 j 14:16	27°♐10'02	
	-7607 Apr 03 j 16:25	0°♑	
morning max el	-7607 Apr 06 j 13:32	2°♑42'29	45°55'33
	-7607 May 03 j 03:22	0°♒	
	-7607 May 29 j 17:54	0°♓	
	-7607 Jun 24 j 00:42	0°♈	
	-7607 Jul 18 j 12:34	0°♉	
asc. node	-7607 Jul 21 j 20:15	4°♉07'09	
	-7607 Aug 11 j 12:59	0°♊	
	-7607 Sep 04 j 07:55	0°♋	
	-7607 Sep 28 j 02:22	0°♌	
morning set	-7607 Oct 05 j 15:57	9°♌31'31	
	-7607 Oct 21 j 23:39	0°♍	
desc. node	-7607 Nov 11 j 04:05	25°♍11'09	
	-7607 Nov 15 j 01:02	0°♎	
superior conj	-7607 Nov 17 j 00:09	2°♎26'19	-0°13'18
minimum elong	-7607 Nov 16 j 20:41	2°♎15'33	0°13'06
behind sun begin	-7607 Nov 16 j 04:43	1°♎25'57	
behind sun end	-7607 Nov 17 j 12:39	3°♎05'08	
max. Earth dist.	-7607 Nov 22 j 07:23	9°♎01'06	1.72269 AU
	-7607 Dec 09 j 06:11	0°♏	
evening rise	-7607 Dec 27 j 14:05	22°♏36'21	
	-7606 Jan 02 j 14:16	0°♐	
	-7606 Jan 27 j 01:13	0°♑	
	-7606 Feb 20 j 16:13	0°♒	
asc. node	-7606 Mar 03 j 07:34	12°♒52'30	
	-7606 Mar 17 j 13:26	0°♓	
	-7606 Apr 11 j 19:39	0°♈	
	-7606 May 07 j 15:29	0°♉	
	-7606 Jun 03 j 12:39	0°♊	
evening max el	-7606 Jun 23 j 04:33	20°♊25'18	47°04'55
desc. node	-7606 Jun 23 j 19:44	21°♊02'44	
	-7606 Jul 03 j 06:22	0°♋	
greatest brilliancy	-7606 Aug 03 j 12:26	21°♋10'22	-4.9m
retrograde	-7606 Aug 12 j 14:18	22°♋43'30	
evening set	-7606 Aug 30 j 01:46	16°♋54'09	
inferior conj	-7606 Sep 02 j 06:06	14°♋58'38	-8°20'48
minimum elong	-7606 Sep 02 j 13:47	14°♋46'52	8°19'21
min. Earth dist.	-7606 Sep 02 j 03:09	15°♋03'08	0.26558 AU
morning rise	-7606 Sep 06 j 01:50	12°♋40'54	
direct	-7606 Sep 22 j 11:45	7°♋24'49	
greatest brilliancy	-7606 Oct 02 j 15:08	9°♋22'49	-4.9m
asc. node	-7606 Oct 14 j 05:07	15°♋32'48	
	-7606 Nov 01 j 00:22	0°♌	
morning max el	-7606 Nov 11 j 20:05	10°♌29'51	46°32'43
	-7606 Nov 30 j 07:25	0°♍	
	-7606 Dec 27 j 00:29	0°♎	
	-7605 Jan 21 j 22:08	0°♏	
desc. node	-7605 Feb 03 j 17:13	15°♏00'22	
	-7605 Feb 16 j 09:48	0°♐	
	-7605 Mar 13 j 13:15	0°♑	
	-7605 Apr 07 j 08:41	0°♒	
	-7605 May 01 j 20:30	0°♓	
morning set	-7605 May 10 j 04:03	10°♓16'00	
	-7605 May 26 j 01:38	0°♈	
asc. node	-7605 May 26 j 20:08	0°♈57'34	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

max. Earth dist.	-7605 Jun 11 j 06:33	20°♈14'01	1.71825 AU
superior conj	-7605 Jun 15 j 11:52	25°♈31'19	0°43'45
minimum elong	-7605 Jun 15 j 03:58	25°♈06'34	0°43'36
	-7605 Jun 19 j 01:35	0°♉	
	-7605 Jul 12 j 22:23	0°♊	
evening rise	-7605 Jul 23 j 03:46	12°♊52'15	
	-7605 Aug 05 j 18:29	0°♋	
	-7605 Aug 29 j 16:18	0°♌	
desc. node	-7605 Sep 16 j 04:12	21°♌50'14	
	-7605 Sep 22 j 17:50	0°♍	
	-7605 Oct 17 j 00:44	0°♎	
	-7605 Nov 10 j 15:28	0°♏	
	-7605 Dec 05 j 19:50	0°♐	
	-7604 Jan 01 j 04:08	0°♑	
asc. node	-7604 Jan 06 j 10:37	5°♑44'06	
evening max el	-7604 Jan 26 j 10:49	26°♑12'56	45°02'57
	-7604 Jan 30 j 11:09	0°♒	
greatest brilliancy	-7604 Mar 04 j 02:06	23°♒27'08	-4.7m
retrograde	-7604 Mar 14 j 13:11	25°♒24'33	
evening set	-7604 Mar 30 j 15:30	20°♒32'28	
inferior conj	-7604 Apr 04 j 23:07	17°♒21'57	4°54'40
minimum elong	-7604 Apr 05 j 07:42	17°♒08'40	4°52'22
min. Earth dist.	-7604 Apr 06 j 01:52	16°♒40'36	0.28942 AU
morning rise	-7604 Apr 10 j 23:08	13°♒46'09	
direct	-7604 Apr 26 j 19:16	8°♒59'59	
desc. node	-7604 Apr 28 j 01:00	9°♒01'45	
greatest brilliancy	-7604 May 08 j 03:43	11°♒17'14	-4.8m
	-7604 Jun 04 j 19:43	0°♓	
morning max el	-7604 Jun 15 j 11:57	9°♓59'33	46°21'51
	-7604 Jul 04 j 16:37	0°♈	
	-7604 Jul 30 j 23:47	0°♉	
asc. node	-7604 Aug 18 j 08:47	22°♉01'32	
	-7604 Aug 24 j 21:37	0°♊	
	-7604 Sep 18 j 04:07	0°♋	
	-7604 Oct 12 j 05:19	0°♌	
	-7604 Nov 05 j 07:16	0°♍	
	-7604 Nov 29 j 12:38	0°♎	
desc. node	-7604 Dec 08 j 17:22	11°♎20'27	
morning set	-7604 Dec 21 j 05:57	26°♎45'19	
	-7604 Dec 23 j 21:17	0°♏	
	-7603 Jan 17 j 07:40	0°♐	
superior conj	-7603 Jan 29 j 03:13	14°♐30'04	-1°21'03
minimum elong	-7603 Jan 29 j 00:40	14°♐22'15	1°21'30
max. Earth dist.	-7603 Jan 28 j 23:47	14°♐19'31	1.73642 AU
	-7603 Feb 10 j 18:21	0°♑	
evening rise	-7603 Mar 06 j 12:36	29°♑09'54	
	-7603 Mar 07 j 04:56	0°♒	
greatest brilliancy	-7603 Mar 07 j 22:12	0°♒52'57	-3.9m
asc. node	-7603 Mar 30 j 20:04	28°♒59'15	
	-7603 Mar 31 j 15:54	0°♓	
	-7603 Apr 25 j 04:02	0°♈	
	-7603 May 19 j 18:16	0°♉	
	-7603 Jun 13 j 12:15	0°♊	
	-7603 Jul 08 j 13:39	0°♋	
desc. node	-7603 Jul 21 j 06:37	14°♋57'57	
	-7603 Aug 03 j 06:30	0°♌	
	-7603 Aug 30 j 12:09	0°♍	
evening max el	-7603 Sep 03 j 16:50	4°♍19'55	47°41'20
	-7603 Oct 02 j 19:01	0°♎	
greatest brilliancy	-7603 Oct 14 j 14:32	6°♎25'03	-4.9m
retrograde	-7603 Oct 24 j 23:10	8°♎30'14	
evening set	-7603 Nov 08 j 16:14	4°♎03'37	
asc. node	-7603 Nov 10 j 15:37	2°♎54'35	
min. Earth dist.	-7603 Nov 13 j 23:47	0°♎49'55	0.27480 AU
inferior conj	-7603 Nov 14 j 20:15	0°♎17'24	1°01'37
minimum elong	-7603 Nov 14 j 18:05	0°♎20'51	1°01'00
	-7603 Nov 15 j 07:13	30°℞♍	
morning rise	-7603 Nov 20 j 20:52	26°♍38'04	
direct	-7603 Dec 05 j 10:16	22°♍20'28	
greatest brilliancy	-7603 Dec 14 j 11:48	23°♍53'42	-4.8m
	-7603 Dec 26 j 19:58	0°♎	
morning max el	-7602 Jan 23 j 11:36	22°♎52'32	46°01'44
	-7602 Jan 30 j 17:52	0°♏	
	-7602 Feb 28 j 02:53	0°♐	
desc. node	-7602 Mar 03 j 05:15	3°♐25'19	
	-7602 Mar 26 j 17:06	0°♑	
	-7602 Apr 21 j 08:07	0°♒	
	-7602 May 16 j 06:59	0°♓	
	-7602 Jun 09 j 17:33	0°♈	
asc. node	-7602 Jun 23 j 09:23	16°♈59'02	
	-7602 Jul 03 j 18:58	0°♉	
morning set	-7602 Jul 18 j 21:02	18°♉58'54	
	-7602 Jul 27 j 14:30	0°♊	
	-7602 Aug 20 j 07:38	0°♋	
superior conj	-7602 Aug 27 j 15:06	9°♋14'41	1°20'27
minimum elong	-7602 Aug 27 j 20:54	9°♋33'00	1°20'54
max. Earth dist.	-7602 Aug 30 j 18:07	13°♋11'44	1.70764 AU
	-7602 Sep 13 j 01:42	0°♌	
	-7602 Oct 06 j 23:00	0°♍	
evening rise	-7602 Oct 09 j 08:17	2°♍59'12	
desc. node	-7602 Oct 13 j 16:59	8°♍26'18	
	-7602 Oct 31 j 00:32	0°♎	
	-7602 Nov 24 j 06:32	0°♏	
	-7602 Dec 18 j 17:51	0°♐	
	-7601 Jan 12 j 13:22	0°♑	
asc. node	-7601 Feb 02 j 21:52	25°♑17'04	
	-7601 Feb 06 j 22:57	0°♒	
	-7601 Mar 05 j 09:22	0°♓	
	-7601 Apr 02 j 22:58	0°♈	
evening max el	-7601 Apr 08 j 03:31	5°♈00'58	45°24'55
	-7601 May 10 j 10:42	0°♉	
greatest brilliancy	-7601 May 16 j 21:24	2°♉46'24	-4.8m
desc. node	-7601 May 26 j 11:29	4°♉33'45	
retrograde	-7601 May 26 j 22:52	4°♉34'00	
evening set	-7601 Jun 10 j 20:59	0°♉22'17	
	-7601 Jun 11 j 13:40	30°℞♈	
inferior conj	-7601 Jun 16 j 21:27	26°♈54'59	-4°53'29
minimum elong	-7601 Jun 16 j 11:54	27°♈09'17	4°50'52
min. Earth dist.	-7601 Jun 17 j 03:08	26°♈46'29	0.27238 AU
morning rise	-7601 Jun 22 j 02:22	23°♈53'20	
direct	-7601 Jul 07 j 22:40	19°♈08'29	
greatest brilliancy	-7601 Jul 18 j 23:32	21°♈23'33	-4.9m
	-7601 Aug 02 j 20:47	0°♉	
morning max el	-7601 Aug 27 j 13:00	22°♉09'16	46°46'53
	-7601 Sep 04 j 01:25	0°♊	
asc. node	-7601 Sep 15 j 20:24	12°♊55'42	
	-7601 Sep 30 j 17:39	0°♋	
	-7601 Oct 25 j 23:15	0°♌	
	-7601 Nov 19 j 18:11	0°♍	
	-7601 Dec 14 j 11:25	0°♎	
desc. node	-7600 Jan 06 j 06:40	27°♎38'53	
	-7600 Jan 08 j 05:14	0°♏	
	-7600 Feb 01 j 22:39	0°♐	
	-7600 Feb 26 j 13:56	0°♑	
morning set	-7600 Mar 01 j 12:43	4°♑49'23	
	-7600 Mar 22 j 01:59	0°♒	
max. Earth dist.	-7600 Apr 02 j 16:52	14°♒17'17	1.73464 AU
superior conj	-7600 Apr 06 j 02:21	18°♒28'08	-0°46'29
minimum elong	-7600 Apr 06 j 09:46	18°♒51'01	0°46'35
	-7600 Apr 15 j 10:41	0°♓	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

asc. node	-7600 Apr 27 j 09:01	14°♓44'58	
	-7600 May 09 j 16:30	0°♈	
evening rise	-7600 May 11 j 13:13	2°♈18'42	
	-7600 Jun 02 j 20:15	0°♉	
	-7600 Jun 26 j 23:18	0°♊	
	-7600 Jul 21 j 03:38	0°♋	
	-7600 Aug 14 j 11:51	0°♌	
desc. node	-7600 Aug 17 j 18:08	3°♌59'50	
	-7600 Sep 08 j 03:23	0°♍	
	-7600 Oct 03 j 08:20	0°♎	
	-7600 Oct 29 j 18:19	0°♏	
evening max el	-7600 Nov 13 j 10:15	15°♏26'30	46°20'36
	-7600 Nov 28 j 21:13	0°♐	
asc. node	-7600 Dec 08 j 02:12	7°♐20'33	
greatest brilliancy	-7600 Dec 22 j 05:20	15°♐28'24	-4.8m
retrograde	-7599 Jan 02 j 08:30	17°♐46'44	
evening set	-7599 Jan 19 j 14:32	11°♐57'51	
inferior conj	-7599 Jan 23 j 17:48	9°♐20'39	7°53'06
minimum elong	-7599 Jan 23 j 13:29	9°♐27'36	7°52'20
min. Earth dist.	-7599 Jan 23 j 11:05	9°♐31'28	0.29389 AU
morning rise	-7599 Jan 27 j 12:39	6°♐56'38	
direct	-7599 Feb 14 j 10:05	0°♐52'48	
greatest brilliancy	-7599 Feb 23 j 16:37	2°♐26'27	-4.7m
desc. node	-7599 Mar 30 j 16:25	26°♐18'24	
	-7599 Apr 03 j 15:36	0°♑	
morning max el	-7599 Apr 04 j 04:40	0°♑30'58	45°55'01
	-7599 May 02 j 19:23	0°♒	
	-7599 May 29 j 07:33	0°♓	
	-7599 Jun 23 j 13:14	0°♈	
	-7599 Jul 18 j 00:31	0°♉	
asc. node	-7599 Jul 20 j 22:32	3°♉37'17	
	-7599 Aug 11 j 00:37	0°♊	
	-7599 Sep 03 j 19:24	0°♋	
	-7599 Sep 27 j 13:46	0°♌	
morning set	-7599 Oct 03 j 01:25	6°♌54'33	
	-7599 Oct 21 j 10:58	0°♍	
desc. node	-7599 Nov 10 j 06:06	24°♍42'28	
superior conj	-7599 Nov 14 j 10:05	29°♍53'15	-0°09'31
minimum elong	-7599 Nov 14 j 07:35	29°♍45'29	0°09'20
behind sun begin	-7599 Nov 13 j 09:26	28°♍36'38	
behind sun end	-7599 Nov 15 j 05:45	0°♎54'19	
	-7599 Nov 14 j 12:16	0°♎	
max. Earth dist.	-7599 Nov 19 j 21:47	6°♎42'06	1.72201 AU
	-7599 Dec 08 j 17:20	0°♏	
evening rise	-7599 Dec 25 j 04:19	20°♏18'07	
	-7598 Jan 02 j 01:23	0°♐	
	-7598 Jan 26 j 12:25	0°♑	
	-7598 Feb 20 j 03:42	0°♒	
asc. node	-7598 Mar 02 j 09:45	12°♒23'49	
	-7598 Mar 17 j 01:29	0°♓	
	-7598 Apr 11 j 08:43	0°♈	
	-7598 May 07 j 06:22	0°♉	
	-7598 Jun 03 j 07:17	0°♊	
evening max el	-7598 Jun 20 j 16:06	17°♊55'54	47°01'39
desc. node	-7598 Jun 22 j 22:02	20°♊07'55	
	-7598 Jul 03 j 13:01	0°♋	
greatest brilliancy	-7598 Aug 01 j 01:00	18°♋40'02	-4.9m
retrograde	-7598 Aug 10 j 01:47	20°♋12'31	
evening set	-7598 Aug 27 j 16:22	14°♋19'47	
inferior conj	-7598 Aug 30 j 18:09	12°♋28'22	-8°29'27
minimum elong	-7598 Aug 31 j 01:08	12°♋17'42	8°28'10
min. Earth dist.	-7598 Aug 30 j 15:42	12°♋32'07	0.26562 AU
morning rise	-7598 Sep 03 j 09:54	10°♋16'37	
direct	-7598 Sep 19 j 23:20	4°♋54'28	
greatest brilliancy	-7598 Sep 30 j 04:43	6°♋53'58	-4.9m
asc. node	-7598 Oct 13 j 07:16	14°♋07'21	
	-7598 Nov 01 j 04:26	0°♌	
morning max el	-7598 Nov 09 j 08:49	8°♌01'59	46°33'50
	-7598 Nov 30 j 01:20	0°♍	
	-7598 Dec 26 j 15:07	0°♎	
	-7597 Jan 21 j 11:09	0°♏	
desc. node	-7597 Feb 02 j 19:20	14°♏29'48	
	-7597 Feb 15 j 21:52	0°♐	
	-7597 Mar 13 j 00:44	0°♑	
	-7597 Apr 06 j 19:48	0°♒	
	-7597 May 01 j 07:26	0°♓	
morning set	-7597 May 07 j 22:47	8°♓11'43	
asc. node	-7597 May 25 j 22:19	0°♈30'23	
	-7597 May 25 j 12:33	0°♈	
max. Earth dist.	-7597 Jun 08 j 23:43	18°♈03'10	1.71891 AU
superior conj	-7597 Jun 13 j 04:37	23°♈18'57	0°40'56
minimum elong	-7597 Jun 12 j 21:06	22°♈55'26	0°40'46
	-7597 Jun 18 j 12:36	0°♉	
	-7597 Jul 12 j 09:32	0°♊	
evening rise	-7597 Jul 20 j 17:06	10°♊27'57	
	-7597 Aug 05 j 05:47	0°♋	
	-7597 Aug 29 j 03:46	0°♌	
desc. node	-7597 Sep 15 j 06:14	21°♌20'23	
	-7597 Sep 22 j 05:31	0°♍	
	-7597 Oct 16 j 12:44	0°♎	
	-7597 Nov 10 j 04:01	0°♏	
	-7597 Dec 05 j 09:27	0°♐	
	-7597 Dec 31 j 20:14	0°♑	
asc. node	-7596 Jan 05 j 12:55	5°♑04'51	
evening max el	-7596 Jan 24 j 02:28	24°♑02'20	45°04'15
	-7596 Jan 30 j 11:42	0°♒	
greatest brilliancy	-7596 Mar 01 j 16:53	21°♒18'14	-4.7m
retrograde	-7596 Mar 12 j 05:49	23°♒17'11	
evening set	-7596 Mar 28 j 10:04	18°♒20'56	
inferior conj	-7596 Apr 02 j 15:23	15°♒13'19	5°09'26
minimum elong	-7596 Apr 03 j 00:07	14°♒59'48	5°07'09
min. Earth dist.	-7596 Apr 03 j 17:36	14°♒32'45	0.28999 AU
morning rise	-7596 Apr 08 j 13:30	11°♒40'10	
direct	-7596 Apr 24 j 12:07	6°♒50'23	
desc. node	-7596 Apr 27 j 03:05	6°♒58'15	
greatest brilliancy	-7596 May 05 j 19:11	9°♒06'43	-4.7m
	-7596 Jun 04 j 22:33	0°♓	
morning max el	-7596 Jun 13 j 04:57	7°♓49'16	46°20'38
	-7596 Jul 04 j 09:39	0°♈	
	-7596 Jul 30 j 13:59	0°♉	
asc. node	-7596 Aug 17 j 10:54	21°♉27'51	
	-7596 Aug 24 j 10:34	0°♊	
	-7596 Sep 17 j 16:23	0°♋	
	-7596 Oct 11 j 17:08	0°♌	
	-7596 Nov 04 j 18:46	0°♍	
	-7596 Nov 28 j 23:53	0°♎	
desc. node	-7596 Dec 07 j 19:35	10°♎52'56	
morning set	-7596 Dec 18 j 18:45	24°♎23'01	
	-7596 Dec 23 j 08:20	0°♏	
	-7595 Jan 16 j 18:34	0°♐	
superior conj	-7595 Jan 26 j 20:01	12°♐21'02	-1°20'32
minimum elong	-7595 Jan 26 j 16:46	12°♐11'04	1°20'59
max. Earth dist.	-7595 Jan 26 j 20:28	12°♐22'24	1.73621 AU
	-7595 Feb 10 j 05:10	0°♑	
evening rise	-7595 Mar 04 j 07:34	27°♑07'35	
greatest brilliancy	-7595 Mar 06 j 15:58	0°♒00'34	-3.9m
	-7595 Mar 06 j 15:47	0°♒	
asc. node	-7595 Mar 29 j 22:09	28°♒31'54	
	-7595 Mar 31 j 02:55	0°♓	
	-7595 Apr 24 j 15:24	0°♈	
	-7595 May 19 j 06:10	0°♉	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7595 Jun 13 j 00:58	0°♊	
	-7595 Jul 08 j 03:35	0°♋	
desc. node	-7595 Jul 20 j 08:45	14°♋20'51	
	-7595 Aug 02 j 22:38	0°♌	
	-7595 Aug 30 j 09:34	0°♍	
evening max el	-7595 Sep 01 j 09:14	2°♍02'12	47°42'25
	-7595 Oct 04 j 02:26	0°♎	
greatest brilliancy	-7595 Oct 12 j 06:22	4°♎03'39	-4.9m
retrograde	-7595 Oct 22 j 14:55	6°♎08'18	
evening set	-7595 Nov 06 j 07:20	1°♎41'49	
	-7595 Nov 09 j 04:12	30°℞♍	
asc. node	-7595 Nov 09 j 17:52	29°♍38'52	
min. Earth dist.	-7595 Nov 11 j 14:33	28°♍28'36	0.27411 AU
inferior conj	-7595 Nov 12 j 10:54	27°♍56'19	0°39'57
minimum elong	-7595 Nov 12 j 09:29	27°♍58'34	0°39'35
morning rise	-7595 Nov 18 j 12:40	24°♍16'01	
direct	-7595 Dec 03 j 00:42	20°♍00'48	
greatest brilliancy	-7595 Dec 12 j 01:50	21°♍34'11	-4.8m
	-7595 Dec 27 j 20:41	0°♎	
morning max el	-7594 Jan 21 j 03:13	20°♎39'53	46°02'28
	-7594 Jan 30 j 13:56	0°♏	
	-7594 Feb 27 j 17:56	0°♐	
desc. node	-7594 Mar 02 j 07:21	2°♐50'12	
	-7594 Mar 26 j 06:06	0°♑	
	-7594 Apr 20 j 20:06	0°♒	
	-7594 May 15 j 18:24	0°♓	
	-7594 Jun 09 j 04:41	0°♈	
asc. node	-7594 Jun 22 j 11:40	16°♈31'42	
	-7594 Jul 03 j 06:00	0°♉	
morning set	-7594 Jul 16 j 10:56	16°♉36'46	
	-7594 Jul 27 j 01:30	0°♊	
	-7594 Aug 19 j 18:41	0°♋	
superior conj	-7594 Aug 25 j 01:37	6°♋41'14	1°21'23
minimum elong	-7594 Aug 25 j 06:27	6°♋56'30	1°21'50
max. Earth dist.	-7594 Aug 27 j 21:36	10°♋16'04	1.70756 AU
	-7594 Sep 12 j 12:49	0°♌	
	-7594 Oct 06 j 10:12	0°♍	
evening rise	-7594 Oct 06 j 15:51	0°♍17'41	
desc. node	-7594 Oct 12 j 19:03	7°♍57'46	
	-7594 Oct 30 j 11:47	0°♎	
	-7594 Nov 23 j 17:52	0°♏	
	-7594 Dec 18 j 05:24	0°♐	
	-7593 Jan 12 j 01:26	0°♑	
asc. node	-7593 Feb 02 j 00:00	24°♑45'34	
	-7593 Feb 06 j 12:06	0°♒	
	-7593 Mar 05 j 00:53	0°♓	
	-7593 Apr 02 j 20:53	0°♈	
evening max el	-7593 Apr 05 j 18:00	2°♈45'36	45°22'26
	-7593 May 13 j 04:54	0°♉	
greatest brilliancy	-7593 May 14 j 10:15	0°♉26'22	-4.8m
retrograde	-7593 May 24 j 11:06	2°♉13'25	
desc. node	-7593 May 25 j 13:49	2°♉12'00	
	-7593 Jun 04 j 05:27	30°℞♈	
evening set	-7593 Jun 08 j 07:58	28°♈04'40	
inferior conj	-7593 Jun 14 j 10:37	24°♈34'23	-4°34'07
minimum elong	-7593 Jun 14 j 01:29	24°♈48'04	4°31'34
min. Earth dist.	-7593 Jun 14 j 17:30	24°♈24'03	0.27279 AU
morning rise	-7593 Jun 19 j 18:27	21°♈28'15	
direct	-7593 Jul 05 j 12:22	16°♈46'59	
greatest brilliancy	-7593 Jul 16 j 14:18	19°♈02'17	-4.9m
	-7593 Aug 03 j 13:43	0°♉	
morning max el	-7593 Aug 25 j 01:19	19°♉41'06	46°46'32
	-7593 Sep 03 j 21:09	0°♊	
asc. node	-7593 Sep 14 j 22:36	12°♊12'59	
	-7593 Sep 30 j 09:03	0°♋	
	-7593 Oct 25 j 12:51	0°♌	
	-7593 Nov 19 j 06:48	0°♍	
	-7593 Dec 13 j 23:23	0°♎	
desc. node	-7592 Jan 05 j 08:46	27°♎10'24	
	-7592 Jan 07 j 16:42	0°♏	
	-7592 Feb 01 j 09:45	0°♐	
	-7592 Feb 26 j 00:47	0°♑	
morning set	-7592 Feb 28 j 07:00	2°♑45'35	
	-7592 Mar 21 j 12:44	0°♒	
max. Earth dist.	-7592 Mar 31 j 12:39	12°♒17'25	1.73498 AU
superior conj	-7592 Apr 03 j 21:48	16°♒27'10	-0°48'54
minimum elong	-7592 Apr 04 j 05:24	16°♒50'37	0°48'59
	-7592 Apr 14 j 21:27	0°♓	
asc. node	-7592 Apr 26 j 11:14	14°♓18'21	
evening rise	-7592 May 09 j 08:23	0°♈15'28	
	-7592 May 09 j 03:23	0°♈	
	-7592 Jun 02 j 07:22	0°♉	
	-7592 Jun 26 j 10:43	0°♊	
	-7592 Jul 20 j 15:26	0°♋	
	-7592 Aug 14 j 00:10	0°♌	
desc. node	-7592 Aug 16 j 20:13	3°♌28'17	
	-7592 Sep 07 j 16:29	0°♍	
	-7592 Oct 02 j 22:50	0°♎	
	-7592 Oct 29 j 12:02	0°♏	
evening max el	-7592 Nov 11 j 01:07	13°♏09'16	46°23'59
	-7592 Nov 29 j 03:58	0°♐	
asc. node	-7592 Dec 07 j 04:33	6°♐10'02	
greatest brilliancy	-7592 Dec 19 j 23:29	13°♐20'52	-4.8m
retrograde	-7592 Dec 31 j 01:40	15°♐38'55	
evening set	-7591 Jan 17 j 05:59	9°♐52'55	
inferior conj	-7591 Jan 21 j 11:11	7°♐12'46	7°48'31
minimum elong	-7591 Jan 21 j 06:19	7°♐20'38	7°47'41
min. Earth dist.	-7591 Jan 21 j 03:34	7°♐25'04	0.29350 AU
morning rise	-7591 Jan 25 j 06:50	4°♐47'22	
	-7591 Feb 04 j 04:25	30°℞♏	
direct	-7591 Feb 12 j 02:11	28°♏45'29	
	-7591 Feb 20 j 08:14	0°♐	
greatest brilliancy	-7591 Feb 21 j 08:33	0°♐18'38	-4.7m
desc. node	-7591 Mar 29 j 18:35	25°♐28'13	
morning max el	-7591 Apr 01 j 19:56	28°♐20'15	45°54'39
	-7591 Apr 03 j 13:40	0°♑	
	-7591 May 02 j 10:58	0°♒	
	-7591 May 28 j 20:52	0°♓	
	-7591 Jun 23 j 01:31	0°♈	
	-7591 Jul 17 j 12:16	0°♉	
asc. node	-7591 Jul 20 j 00:34	3°♉07'10	
	-7591 Aug 10 j 12:05	0°♊	
	-7591 Sep 03 j 06:43	0°♋	
	-7591 Sep 27 j 00:59	0°♌	
morning set	-7591 Sep 30 j 11:22	4°♌19'33	
	-7591 Oct 20 j 22:05	0°♍	
desc. node	-7591 Nov 09 j 08:20	24°♍14'58	
superior conj	-7591 Nov 11 j 20:13	27°♍21'13	-0°05'44
minimum elong	-7591 Nov 11 j 18:43	27°♍16'31	0°05'35
behind sun begin	-7591 Nov 10 j 17:17	25°♍57'26	
behind sun end	-7591 Nov 12 j 20:08	28°♍35'35	
	-7591 Nov 13 j 23:19	0°♎	
max. Earth dist.	-7591 Nov 17 j 10:19	4°♎17'43	1.72136 AU
	-7591 Dec 08 j 04:21	0°♏	
evening rise	-7591 Dec 22 j 18:28	17°♏59'54	
	-7590 Jan 01 j 12:26	0°♐	
	-7590 Jan 25 j 23:34	0°♑	
	-7590 Feb 19 j 15:09	0°♒	
asc. node	-7590 Mar 01 j 11:52	11°♒55'08	
	-7590 Mar 16 j 13:30	0°♓	
	-7590 Apr 10 j 21:48	0°♈	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7590 May 06 j 21:22	0°♉	
	-7590 Jun 03 j 02:18	0°♊	
evening max el	-7590 Jun 18 j 04:09	15°♊28'10	46°58'20
desc. node	-7590 Jun 22 j 00:13	19°♊11'54	
	-7590 Jul 03 j 21:59	0°♋	
greatest brilliancy	-7590 Jul 29 j 13:06	16°♋09'29	-4.9m
retrograde	-7590 Aug 07 j 13:47	17°♋42'03	
evening set	-7590 Aug 25 j 06:41	11°♋46'03	
inferior conj	-7590 Aug 28 j 06:12	9°♋58'22	-8°36'58
minimum elong	-7590 Aug 28 j 12:26	9°♋48'53	8°35'52
min. Earth dist.	-7590 Aug 28 j 04:01	10°♋01'42	0.26567 AU
morning rise	-7590 Aug 31 j 18:11	7°♋52'27	
direct	-7590 Sep 17 j 11:22	2°♋24'18	
greatest brilliancy	-7590 Sep 27 j 18:00	4°♋25'09	-4.9m
asc. node	-7590 Oct 12 j 09:30	12°♋45'13	
	-7590 Nov 01 j 06:46	0°♌	
morning max el	-7590 Nov 06 j 22:33	5°♌36'57	46°35'04
	-7590 Nov 29 j 18:44	0°♍	
	-7590 Dec 26 j 05:30	0°♎	
	-7589 Jan 21 j 00:02	0°♏	
desc. node	-7589 Feb 01 j 21:22	13°♏59'14	
	-7589 Feb 15 j 09:53	0°♐	
	-7589 Mar 12 j 12:13	0°♑	
	-7589 Apr 06 j 06:56	0°♒	
	-7589 Apr 30 j 18:24	0°♓	
morning set	-7589 May 05 j 17:38	6°♓07'48	
	-7589 May 24 j 23:29	0°♈	
asc. node	-7589 May 25 j 00:31	0°♈03'14	
max. Earth dist.	-7589 Jun 06 j 16:48	15°♈52'12	1.71954 AU
superior conj	-7589 Jun 10 j 21:29	21°♈07'06	0°38'04
minimum elong	-7589 Jun 10 j 14:24	20°♈44'55	0°37'54
	-7589 Jun 17 j 23:37	0°♉	
	-7589 Jul 11 j 20:43	0°♊	
evening rise	-7589 Jul 18 j 06:46	8°♊04'36	
	-7589 Aug 04 j 17:09	0°♋	
	-7589 Aug 28 j 15:20	0°♌	
desc. node	-7589 Sep 14 j 08:24	20°♌50'39	
	-7589 Sep 21 j 17:19	0°♍	
	-7589 Oct 16 j 00:50	0°♎	
	-7589 Nov 09 j 16:39	0°♏	
	-7589 Dec 04 j 23:11	0°♐	
	-7589 Dec 31 j 12:38	0°♑	
asc. node	-7588 Jan 04 j 15:01	4°♑24'36	
evening max el	-7588 Jan 21 j 18:55	21°♑53'31	45°05'30
	-7588 Jan 30 j 13:36	0°♒	
greatest brilliancy	-7588 Feb 28 j 08:01	19°♒09'43	-4.7m
retrograde	-7588 Mar 09 j 22:24	21°♒09'39	
evening set	-7588 Mar 26 j 04:50	16°♒09'28	
inferior conj	-7588 Mar 31 j 07:46	13°♒04'38	5°23'43
minimum elong	-7588 Mar 31 j 16:37	12°♒50'54	5°21'27
min. Earth dist.	-7588 Apr 01 j 09:19	12°♒25'02	0.29054 AU
morning rise	-7588 Apr 06 j 03:51	9°♒34'08	
direct	-7588 Apr 22 j 05:27	4°♒40'53	
desc. node	-7588 Apr 26 j 05:24	4°♒59'02	
greatest brilliancy	-7588 May 03 j 10:17	6°♒55'32	-4.7m
	-7588 Jun 05 j 00:09	0°♓	
morning max el	-7588 Jun 10 j 21:49	5°♓38'24	46°19'24
	-7588 Jul 04 j 02:30	0°♈	
	-7588 Jul 30 j 04:10	0°♉	
asc. node	-7588 Aug 16 j 13:04	20°♉54'09	
	-7588 Aug 23 j 23:33	0°♊	
	-7588 Sep 17 j 04:43	0°♋	
	-7588 Oct 11 j 05:04	0°♌	
	-7588 Nov 04 j 06:25	0°♍	
	-7588 Nov 28 j 11:18	0°♎	
desc. node	-7588 Dec 06 j 21:40	10°♎24'26	
morning set	-7588 Dec 16 j 07:40	22°♎00'30	
	-7588 Dec 22 j 19:32	0°♏	
	-7587 Jan 16 j 05:36	0°♐	
superior conj	-7587 Jan 24 j 12:53	10°♐11'41	-1°19'55
minimum elong	-7587 Jan 24 j 08:58	9°♐59'41	1°20'21
max. Earth dist.	-7587 Jan 24 j 19:08	10°♐30'54	1.73595 AU
	-7587 Feb 09 j 16:07	0°♑	
evening rise	-7587 Mar 02 j 02:40	25°♑05'11	
greatest brilliancy	-7587 Mar 05 j 09:28	29°♑06'52	-3.9m
	-7587 Mar 06 j 02:47	0°♒	
asc. node	-7587 Mar 29 j 00:24	28°♒04'24	
	-7587 Mar 30 j 14:09	0°♓	
	-7587 Apr 24 j 03:01	0°♈	
	-7587 May 18 j 18:21	0°♉	
	-7587 Jun 12 j 13:57	0°♊	
	-7587 Jul 07 j 17:51	0°♋	
desc. node	-7587 Jul 19 j 10:52	13°♋42'45	
	-7587 Aug 02 j 15:15	0°♌	
evening max el	-7587 Aug 30 j 01:37	29°♌43'42	47°43'15
	-7587 Aug 30 j 08:01	0°♍	
	-7587 Oct 06 j 01:33	0°♎	
greatest brilliancy	-7587 Oct 09 j 22:33	1°♎41'43	-4.9m
retrograde	-7587 Oct 20 j 06:18	3°♎45'00	
	-7587 Nov 02 j 16:25	30°℞♍	
evening set	-7587 Nov 03 j 22:34	29°♍18'45	
asc. node	-7587 Nov 08 j 20:13	26°♍20'27	
min. Earth dist.	-7587 Nov 09 j 05:31	26°♍05'43	0.27344 AU
inferior conj	-7587 Nov 10 j 01:28	25°♍34'04	0°18'02
minimum elong	-7587 Nov 10 j 00:49	25°♍35'06	0°17'57
morning rise	-7587 Nov 16 j 04:10	21°♍52'46	
direct	-7587 Nov 30 j 15:02	17°♍40'03	
greatest brilliancy	-7587 Dec 09 j 16:02	19°♍13'32	-4.8m
	-7587 Dec 28 j 15:23	0°♎	
morning max el	-7586 Jan 18 j 18:10	18°♎24'36	46°03'21
	-7586 Jan 30 j 09:42	0°♏	
	-7586 Feb 27 j 09:00	0°♐	
desc. node	-7586 Mar 01 j 09:31	2°♐14'55	
	-7586 Mar 25 j 19:14	0°♑	
	-7586 Apr 20 j 08:16	0°♒	
	-7586 May 15 j 06:05	0°♓	
	-7586 Jun 08 j 16:08	0°♈	
asc. node	-7586 Jun 21 j 13:43	16°♈02'40	
	-7586 Jul 02 j 17:20	0°♉	
morning set	-7586 Jul 14 j 00:50	14°♉13'42	
	-7586 Jul 26 j 12:49	0°♊	
	-7586 Aug 19 j 06:02	0°♋	
superior conj	-7586 Aug 22 j 12:14	4°♋07'14	1°22'08
minimum elong	-7586 Aug 22 j 16:04	4°♋19'19	1°22'36
max. Earth dist.	-7586 Aug 24 j 22:04	7°♋09'58	1.70749 AU
	-7586 Sep 12 j 00:14	0°♌	
evening rise	-7586 Oct 03 j 23:17	27°♌34'47	
	-7586 Oct 05 j 21:41	0°♍	
desc. node	-7586 Oct 11 j 21:16	7°♍28'45	
	-7586 Oct 29 j 23:21	0°♎	
	-7586 Nov 23 j 05:33	0°♏	
	-7586 Dec 17 j 17:19	0°♐	
	-7585 Jan 11 j 13:53	0°♑	
asc. node	-7585 Feb 01 j 02:15	24°♑13'19	
	-7585 Feb 06 j 01:40	0°♒	
	-7585 Mar 04 j 16:56	0°♓	
	-7585 Apr 02 j 20:01	0°♈	
evening max el	-7585 Apr 03 j 07:35	0°♈27'27	45°20'00
greatest brilliancy	-7585 May 11 j 23:07	28°♈05'41	-4.8m
retrograde	-7585 May 21 j 23:16	29°♈52'28	
desc. node	-7585 May 24 j 15:56	29°♈44'08	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening set	-7585 Jun 05 j 19:11	25°♈45'56	
inferior conj	-7585 Jun 11 j 23:52	22°♈13'12	-4°14'16
minimum elong	-7585 Jun 11 j 15:13	22°♈26'10	4°11'50
min. Earth dist.	-7585 Jun 12 j 08:11	22°♈00'43	0.27326 AU
morning rise	-7585 Jun 17 j 10:32	19°♈02'48	
direct	-7585 Jul 03 j 01:51	14°♈24'29	
greatest brilliancy	-7585 Jul 14 j 05:56	16°♈41'07	-4.9m
	-7585 Aug 04 j 02:58	0°♉	
morning max el	-7585 Aug 22 j 13:45	17°♉12'00	46°46'12
	-7585 Sep 03 j 16:47	0°♊	
asc. node	-7585 Sep 14 j 00:52	11°♊29'49	
	-7585 Sep 30 j 00:37	0°♋	
	-7585 Oct 25 j 02:41	0°♌	
	-7585 Nov 18 j 19:40	0°♍	
	-7585 Dec 13 j 11:36	0°♎	
desc. node	-7584 Jan 04 j 10:46	26°♎40'41	
	-7584 Jan 07 j 04:27	0°♏	
	-7584 Jan 31 j 21:10	0°♐	
	-7584 Feb 25 j 11:58	0°♑	
morning set	-7584 Feb 26 j 01:17	0°♑40'42	
	-7584 Mar 20 j 23:48	0°♒	
max. Earth dist.	-7584 Mar 29 j 09:12	10°♒19'02	1.73529 AU
superior conj	-7584 Apr 01 j 17:27	14°♒25'57	-0°51'13
minimum elong	-7584 Apr 02 j 01:13	14°♒49'52	0°51'20
	-7584 Apr 14 j 08:31	0°♓	
asc. node	-7584 Apr 25 j 13:27	13°♓50'56	
evening rise	-7584 May 07 j 03:50	28°♓12'24	
	-7584 May 08 j 14:34	0°♈	
	-7584 Jun 01 j 18:47	0°♉	
	-7584 Jun 25 j 22:29	0°♊	
	-7584 Jul 20 j 03:39	0°♋	
	-7584 Aug 13 j 12:57	0°♌	
desc. node	-7584 Aug 15 j 22:25	2°♌55'42	
	-7584 Sep 07 j 06:04	0°♍	
	-7584 Oct 02 j 13:53	0°♎	
	-7584 Oct 29 j 06:34	0°♏	
evening max el	-7584 Nov 08 j 15:45	10°♏50'12	46°27'31
	-7584 Nov 29 j 13:55	0°♐	
asc. node	-7584 Dec 06 j 06:39	4°♐55'54	
greatest brilliancy	-7584 Dec 17 j 16:56	11°♐11'03	-4.8m
retrograde	-7584 Dec 28 j 18:57	13°♐29'42	
evening set	-7583 Jan 14 j 21:07	7°♐46'30	
inferior conj	-7583 Jan 19 j 04:26	5°♐03'20	7°43'15
minimum elong	-7583 Jan 18 j 23:00	5°♐12'05	7°42'20
min. Earth dist.	-7583 Jan 18 j 19:47	5°♐17'16	0.29310 AU
morning rise	-7583 Jan 23 j 01:04	2°♐36'25	
	-7583 Jan 27 j 16:00	30°℞♏	
direct	-7583 Feb 09 j 18:04	26°♏36'28	
greatest brilliancy	-7583 Feb 19 j 00:26	28°♏09'30	-4.7m
	-7583 Feb 23 j 17:55	0°♐	
desc. node	-7583 Mar 28 j 20:49	24°♐38'09	
morning max el	-7583 Mar 30 j 12:00	26°♐10'31	45°54'30
	-7583 Apr 03 j 11:20	0°♑	
	-7583 May 02 j 02:37	0°♒	
	-7583 May 28 j 10:21	0°♓	
	-7583 Jun 22 j 13:59	0°♈	
	-7583 Jul 17 j 00:13	0°♉	
asc. node	-7583 Jul 19 j 02:46	2°♉36'58	
	-7583 Aug 09 j 23:48	0°♊	
	-7583 Sep 02 j 18:20	0°♋	
	-7583 Sep 26 j 12:31	0°♌	
morning set	-7583 Sep 27 j 20:55	1°♌42'06	
	-7583 Oct 20 j 09:32	0°♍	
desc. node	-7583 Nov 08 j 10:24	23°♍45'57	
superior conj	-7583 Nov 09 j 05:40	24°♍45'56	-0°01'52
minimum elong	-7583 Nov 09 j 05:11	24°♍44'25	0°01'44
behind sun begin	-7583 Nov 08 j 02:24	23°♍21'02	
behind sun end	-7583 Nov 10 j 07:59	26°♍07'46	
	-7583 Nov 13 j 10:41	0°♎	
max. Earth dist.	-7583 Nov 14 j 20:00	1°♎43'31	1.72069 AU
	-7583 Dec 07 j 15:40	0°♏	
evening rise	-7583 Dec 20 j 08:07	15°♏39'18	
	-7583 Dec 31 j 23:45	0°♐	
	-7582 Jan 25 j 11:01	0°♑	
	-7582 Feb 19 j 02:53	0°♒	
asc. node	-7582 Feb 28 j 14:08	11°♒25'57	
	-7582 Mar 16 j 01:50	0°♓	
	-7582 Apr 10 j 11:12	0°♈	
	-7582 May 06 j 12:44	0°♉	
	-7582 Jun 02 j 21:59	0°♊	
evening max el	-7582 Jun 15 j 17:08	13°♊02'46	46°55'04
desc. node	-7582 Jun 21 j 02:19	18°♊14'16	
	-7582 Jul 04 j 10:02	0°♋	
greatest brilliancy	-7582 Jul 27 j 00:16	13°♋37'52	-4.9m
retrograde	-7582 Aug 05 j 02:07	15°♋11'15	
evening set	-7582 Aug 22 j 20:35	9°♋12'24	
inferior conj	-7582 Aug 25 j 18:12	7°♋27'49	-8°43'22
minimum elong	-7582 Aug 25 j 23:38	7°♋19'35	8°42'25
min. Earth dist.	-7582 Aug 25 j 15:50	7°♋31'25	0.26579 AU
morning rise	-7582 Aug 29 j 02:41	5°♋27'25	
	-7582 Sep 12 j 18:11	30°℞♊	
direct	-7582 Sep 15 j 00:06	29°♊53'42	
	-7582 Sep 17 j 06:34	0°♋	
greatest brilliancy	-7582 Sep 25 j 06:48	1°♋55'10	-4.9m
asc. node	-7582 Oct 11 j 11:48	11°♋25'13	
	-7582 Nov 01 j 08:06	0°♌	
morning max el	-7582 Nov 04 j 13:00	3°♌12'49	46°36'01
	-7582 Nov 29 j 12:07	0°♍	
	-7582 Dec 25 j 20:02	0°♎	
	-7581 Jan 20 j 13:06	0°♏	
desc. node	-7581 Jan 31 j 23:37	13°♏28'45	
	-7581 Feb 14 j 22:04	0°♐	
	-7581 Mar 11 j 23:50	0°♑	
	-7581 Apr 05 j 18:13	0°♒	
	-7581 Apr 30 j 05:31	0°♓	
morning set	-7581 May 03 j 12:33	4°♓03'44	
asc. node	-7581 May 24 j 02:34	29°♓35'08	
	-7581 May 24 j 10:33	0°♈	
max. Earth dist.	-7581 Jun 04 j 08:07	13°♈35'25	1.72012 AU
superior conj	-7581 Jun 08 j 14:40	18°♈55'57	0°35'10
minimum elong	-7581 Jun 08 j 08:03	18°♈35'14	0°35'00
	-7581 Jun 17 j 10:44	0°♉	
	-7581 Jul 11 j 07:57	0°♊	
evening rise	-7581 Jul 15 j 20:53	5°♊42'34	
	-7581 Aug 04 j 04:32	0°♋	
	-7581 Aug 28 j 02:56	0°♌	
desc. node	-7581 Sep 13 j 10:35	20°♌20'47	
	-7581 Sep 21 j 05:10	0°♍	
	-7581 Oct 15 j 13:05	0°♎	
	-7581 Nov 09 j 05:29	0°♏	
	-7581 Dec 04 j 13:12	0°♐	
	-7581 Dec 31 j 05:32	0°♑	
asc. node	-7580 Jan 03 j 17:18	3°♑43'52	
evening max el	-7580 Jan 19 j 11:20	19°♑43'59	45°06'53
	-7580 Jan 30 j 17:18	0°♒	
greatest brilliancy	-7580 Feb 25 j 23:39	17°♒01'18	-4.7m
retrograde	-7580 Mar 07 j 14:35	19°♒01'31	
evening set	-7580 Mar 23 j 23:33	13°♒57'36	
inferior conj	-7580 Mar 29 j 00:06	10°♒55'31	5°37'27
minimum elong	-7580 Mar 29 j 08:59	10°♒41'41	5°35'15
min. Earth dist.	-7580 Mar 30 j 00:59	10°♒16'49	0.29105 AU

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

morning rise	-7580 Apr 03 j 17:57	7°♒27'42	
direct	-7580 Apr 19 j 22:39	2°♒31'05	
desc. node	-7580 Apr 25 j 07:32	3°♒03'32	
greatest brilliancy	-7580 May 01 j 01:04	4°♒43'35	-4.7m
	-7580 Jun 05 j 00:39	0°♓	
morning max el	-7580 Jun 08 j 13:50	3°♓25'25	46°18'14
	-7580 Jul 03 j 19:06	0°♈	
	-7580 Jul 29 j 18:12	0°♉	
asc. node	-7580 Aug 15 j 15:20	20°♉21'05	
	-7580 Aug 23 j 12:23	0°♊	
	-7580 Sep 16 j 16:54	0°♋	
	-7580 Oct 10 j 16:52	0°♌	
	-7580 Nov 03 j 17:58	0°♍	
	-7580 Nov 27 j 22:39	0°♎	
desc. node	-7580 Dec 05 j 23:40	9°♎55'54	
morning set	-7580 Dec 13 j 20:16	19°♎37'01	
	-7580 Dec 22 j 06:42	0°♏	
	-7579 Jan 15 j 16:37	0°♐	
superior conj	-7579 Jan 22 j 05:13	8°♐00'45	-1°19'11
minimum elong	-7579 Jan 22 j 00:39	7°♐46'43	1°19'34
max. Earth dist.	-7579 Jan 22 j 17:13	8°♐37'34	1.73568 AU
	-7579 Feb 09 j 03:04	0°♑	
evening rise	-7579 Feb 27 j 21:17	23°♑01'21	
greatest brilliancy	-7579 Mar 03 j 22:45	28°♑00'19	-3.9m
	-7579 Mar 05 j 13:47	0°♒	
asc. node	-7579 Mar 28 j 02:34	27°♒36'48	
	-7579 Mar 30 j 01:21	0°♓	
	-7579 Apr 23 j 14:36	0°♈	
	-7579 May 18 j 06:31	0°♉	
	-7579 Jun 12 j 02:58	0°♊	
	-7579 Jul 07 j 08:10	0°♋	
desc. node	-7579 Jul 18 j 13:09	13°♋05'15	
	-7579 Aug 02 j 08:00	0°♌	
evening max el	-7579 Aug 27 j 17:23	27°♌24'16	47°44'03
	-7579 Aug 30 j 07:06	0°♍	
greatest brilliancy	-7579 Oct 07 j 15:14	29°♍21'21	-4.9m
	-7579 Oct 09 j 11:45	0°♎	
retrograde	-7579 Oct 17 j 21:15	1°♎22'38	
	-7579 Oct 25 j 22:47	30°℞♍	
evening set	-7579 Nov 01 j 14:04	26°♍56'30	
min. Earth dist.	-7579 Nov 06 j 20:54	23°♍43'32	0.27279 AU
inferior conj	-7579 Nov 07 j 16:09	23°♍12'58	-0°03'48
minimum elong	-7579 Nov 07 j 16:17	23°♍12'45	0°03'39
transit middle	-7579 Nov 07 j 16:17	23°♍12'45	0°03'39
transit begin	-7579 Nov 07 j 12:22	23°♍18'59	
transit end	-7579 Nov 07 j 20:12	23°♍06'32	
asc. node	-7579 Nov 07 j 22:18	23°♍03'13	
morning rise	-7579 Nov 13 j 19:34	19°♍30'40	
direct	-7579 Nov 28 j 05:09	15°♍20'22	
greatest brilliancy	-7579 Dec 07 j 06:53	16°♍54'20	-4.8m
	-7579 Dec 29 j 04:59	0°♎	
morning max el	-7578 Jan 16 j 08:20	16°♎07'48	46°04'03
	-7578 Jan 30 j 04:41	0°♏	
	-7578 Feb 26 j 23:45	0°♐	
desc. node	-7578 Feb 28 j 11:43	1°♐40'21	
	-7578 Mar 25 j 08:09	0°♑	
	-7578 Apr 19 j 20:14	0°♒	
	-7578 May 14 j 17:33	0°♓	
	-7578 Jun 08 j 03:21	0°♈	
asc. node	-7578 Jun 20 j 15:52	15°♈34'36	
	-7578 Jul 02 j 04:27	0°♉	
morning set	-7578 Jul 11 j 14:43	11°♉51'14	
	-7578 Jul 25 j 23:55	0°♊	
	-7578 Aug 18 j 17:10	0°♋	
superior conj	-7578 Aug 19 j 23:04	1°♋34'31	1°22'42
minimum elong	-7578 Aug 20 j 01:54	1°♋43'26	1°23'12
max. Earth dist.	-7578 Aug 21 j 19:41	3°♋55'33	1.70745 AU
	-7578 Sep 11 j 11:25	0°♌	
evening rise	-7578 Oct 01 j 06:55	24°♌53'17	
	-7578 Oct 05 j 08:54	0°♍	
desc. node	-7578 Oct 10 j 23:19	7°♍00'06	
	-7578 Oct 29 j 10:36	0°♎	
	-7578 Nov 22 j 16:53	0°♏	
	-7578 Dec 17 j 04:56	0°♐	
	-7577 Jan 11 j 02:04	0°♑	
asc. node	-7577 Jan 31 j 04:29	23°♑41'47	
	-7577 Feb 05 j 15:03	0°♒	
	-7577 Mar 04 j 08:59	0°♓	
evening max el	-7577 Mar 31 j 20:48	28°♓09'21	45°17'46
	-7577 Apr 02 j 19:53	0°♈	
greatest brilliancy	-7577 May 09 j 11:39	25°♈45'39	-4.8m
retrograde	-7577 May 19 j 11:48	27°♈32'54	
desc. node	-7577 May 23 j 18:04	27°♈11'56	
evening set	-7577 Jun 03 j 06:40	23°♈27'52	
inferior conj	-7577 Jun 09 j 13:10	19°♈53'06	-3°54'07
minimum elong	-7577 Jun 09 j 05:02	20°♈05'17	3°51'47
min. Earth dist.	-7577 Jun 09 j 22:47	19°♈38'42	0.27377 AU
morning rise	-7577 Jun 15 j 02:35	16°♈38'52	
direct	-7577 Jun 30 j 15:28	12°♈02'58	
greatest brilliancy	-7577 Jul 11 j 21:49	14°♈21'29	-4.9m
	-7577 Aug 04 j 12:29	0°♉	
morning max el	-7577 Aug 20 j 02:52	14°♉45'43	46°45'51
	-7577 Sep 03 j 11:34	0°♊	
asc. node	-7577 Sep 13 j 03:02	10°♊47'46	
	-7577 Sep 29 j 15:42	0°♋	
	-7577 Oct 24 j 16:06	0°♌	
	-7577 Nov 18 j 08:07	0°♍	
	-7577 Dec 12 j 23:23	0°♎	
desc. node	-7576 Jan 03 j 13:01	26°♎13'02	
	-7576 Jan 06 j 15:46	0°♏	
	-7576 Jan 31 j 08:09	0°♐	
morning set	-7576 Feb 23 j 19:33	28°♐36'53	
	-7576 Feb 24 j 22:46	0°♑	
	-7576 Mar 20 j 10:30	0°♒	
max. Earth dist.	-7576 Mar 27 j 06:45	8°♒24'48	1.73564 AU
superior conj	-7576 Mar 30 j 13:03	12°♒25'37	-0°53'28
minimum elong	-7576 Mar 30 j 20:56	12°♒49'54	0°53'36
	-7576 Apr 13 j 19:15	0°♓	
asc. node	-7576 Apr 24 j 15:28	13°♓23'50	
evening rise	-7576 May 04 j 23:11	26°♓10'11	
	-7576 May 08 j 01:25	0°♈	
	-7576 Jun 01 j 05:53	0°♉	
	-7576 Jun 25 j 09:56	0°♊	
	-7576 Jul 19 j 15:34	0°♋	
	-7576 Aug 13 j 01:27	0°♌	
desc. node	-7576 Aug 15 j 00:35	2°♌23'58	
	-7576 Sep 06 j 19:26	0°♍	
	-7576 Oct 02 j 04:47	0°♎	
	-7576 Oct 29 j 01:10	0°♏	
evening max el	-7576 Nov 06 j 07:13	8°♏34'19	46°31'13
	-7576 Nov 30 j 02:32	0°♐	
asc. node	-7576 Dec 05 j 08:56	3°♐41'23	
greatest brilliancy	-7576 Dec 15 j 10:00	9°♐02'08	-4.8m
retrograde	-7576 Dec 26 j 12:49	11°♐22'05	
evening set	-7575 Jan 12 j 12:15	5°♐41'43	
inferior conj	-7575 Jan 16 j 21:46	2°♐55'25	7°37'27
minimum elong	-7575 Jan 16 j 15:49	3°♐04'59	7°36'25
min. Earth dist.	-7575 Jan 16 j 11:46	3°♐11'30	0.29265 AU
morning rise	-7575 Jan 20 j 19:36	0°♐26'53	
	-7575 Jan 21 j 13:21	30°℞♏	
direct	-7575 Feb 07 j 10:25	24°♏29'05	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

greatest brilliancy	-7575 Feb 16 j 15:59	26°♏01'48	-4.7m
	-7575 Feb 25 j 15:00	0°♐	
desc. node	-7575 Mar 27 j 22:57	23°♐50'10	
morning max el	-7575 Mar 28 j 04:53	24°♐04'14	45°54'11
	-7575 Apr 03 j 07:41	0°♑	
	-7575 May 01 j 17:37	0°♒	
	-7575 May 27 j 23:24	0°♓	
	-7575 Jun 22 j 02:05	0°♈	
	-7575 Jul 16 j 11:50	0°♉	
asc. node	-7575 Jul 18 j 05:01	2°♉07'57	
	-7575 Aug 09 j 11:11	0°♊	
	-7575 Sep 02 j 05:35	0°♋	
morning set	-7575 Sep 25 j 06:29	29°♋05'47	
	-7575 Sep 25 j 23:41	0°♌	
	-7575 Oct 19 j 20:39	0°♍	
superior conj	-7575 Nov 06 j 14:56	22°♍10'52	0°02'05
minimum elong	-7575 Nov 06 j 15:30	22°♍12'40	0°02'11
behind sun begin	-7575 Nov 05 j 12:41	20°♍49'06	
behind sun end	-7575 Nov 07 j 18:20	23°♍36'12	
desc. node	-7575 Nov 07 j 12:26	23°♍17'49	
max. Earth dist.	-7575 Nov 12 j 05:42	29°♍10'09	1.72004 AU
	-7575 Nov 12 j 21:44	0°♎	
	-7575 Dec 07 j 02:39	0°♏	
evening rise	-7575 Dec 17 j 21:44	13°♏19'33	
	-7575 Dec 31 j 10:43	0°♐	
	-7574 Jan 24 j 22:04	0°♑	
	-7574 Feb 18 j 14:14	0°♒	
asc. node	-7574 Feb 27 j 16:19	10°♒57'44	
	-7574 Mar 15 j 13:48	0°♓	
	-7574 Apr 10 j 00:20	0°♈	
	-7574 May 06 j 04:00	0°♉	
	-7574 Jun 02 j 17:58	0°♊	
evening max el	-7574 Jun 13 j 06:58	10°♊40'18	46°51'36
desc. node	-7574 Jun 20 j 04:38	17°♊16'35	
	-7574 Jul 05 j 01:40	0°♋	
greatest brilliancy	-7574 Jul 24 j 10:59	11°♋06'31	-4.9m
retrograde	-7574 Aug 02 j 14:31	12°♋40'50	
evening set	-7574 Aug 20 j 10:03	6°♋39'57	
inferior conj	-7574 Aug 23 j 06:06	4°♋57'45	-8°48'45
minimum elong	-7574 Aug 23 j 10:40	4°♋50'50	8°47'57
min. Earth dist.	-7574 Aug 23 j 03:19	5°♋01'58	0.26588 AU
morning rise	-7574 Aug 26 j 11:18	3°♋02'23	
	-7574 Sep 01 j 06:40	30°℞♊	
direct	-7574 Sep 12 j 13:03	27°♊23'54	
greatest brilliancy	-7574 Sep 22 j 19:03	29°♊25'08	-4.9m
	-7574 Sep 24 j 05:59	0°♋	
asc. node	-7574 Oct 10 j 13:56	10°♋08'13	
	-7574 Nov 01 j 07:55	0°♌	
morning max el	-7574 Nov 02 j 03:06	0°♌48'32	46°36'54
	-7574 Nov 29 j 04:52	0°♍	
	-7574 Dec 25 j 10:07	0°♎	
	-7573 Jan 20 j 01:48	0°♏	
desc. node	-7573 Jan 31 j 01:42	12°♏58'40	
	-7573 Feb 14 j 09:54	0°♐	
	-7573 Mar 11 j 11:06	0°♑	
	-7573 Apr 05 j 05:10	0°♒	
	-7573 Apr 29 j 16:18	0°♓	
morning set	-7573 May 01 j 07:47	2°♓01'45	
asc. node	-7573 May 23 j 04:47	29°♓08'27	
	-7573 May 23 j 21:21	0°♈	
max. Earth dist.	-7573 Jun 01 j 22:47	11°♈17'36	1.72079 AU
superior conj	-7573 Jun 06 j 08:06	16°♈46'30	0°32'15
minimum elong	-7573 Jun 06 j 01:59	16°♈27'21	0°32'04
	-7573 Jun 16 j 21:39	0°♉	
	-7573 Jul 10 j 19:02	0°♊	
evening rise	-7573 Jul 13 j 11:06	3°♊21'27	
	-7573 Aug 03 j 15:48	0°♋	
	-7573 Aug 27 j 14:24	0°♌	
desc. node	-7573 Sep 12 j 12:39	19°♌50'57	
	-7573 Sep 20 j 16:55	0°♍	
	-7573 Oct 15 j 01:11	0°♎	
	-7573 Nov 08 j 18:13	0°♏	
	-7573 Dec 04 j 03:10	0°♐	
	-7573 Dec 30 j 22:33	0°♑	
asc. node	-7572 Jan 02 j 19:36	3°♑03'18	
evening max el	-7572 Jan 17 j 03:19	17°♑33'54	45°08'25
	-7572 Jan 30 j 22:29	0°♒	
greatest brilliancy	-7572 Feb 23 j 16:14	14°♒55'02	-4.7m
retrograde	-7572 Mar 05 j 06:41	16°♒54'57	
evening set	-7572 Mar 21 j 18:34	11°♒47'24	
inferior conj	-7572 Mar 26 j 16:45	8°♒48'10	5°50'33
minimum elong	-7572 Mar 27 j 01:37	8°♒34'19	5°48'26
min. Earth dist.	-7572 Mar 27 j 17:09	8°♒10'06	0.29150 AU
morning rise	-7572 Apr 01 j 08:15	5°♒23'03	
direct	-7572 Apr 17 j 15:37	0°♒23'09	
desc. node	-7572 Apr 24 j 09:38	1°♒13'41	
greatest brilliancy	-7572 Apr 28 j 16:17	2°♒33'37	-4.7m
	-7572 Jun 04 j 23:38	0°♓	
morning max el	-7572 Jun 06 j 05:01	1°♓11'26	46°16'58
	-7572 Jul 03 j 11:09	0°♈	
	-7572 Jul 29 j 07:57	0°♉	
asc. node	-7572 Aug 14 j 17:25	19°♉47'56	
	-7572 Aug 23 j 01:05	0°♊	
	-7572 Sep 16 j 05:02	0°♋	
	-7572 Oct 10 j 04:38	0°♌	
	-7572 Nov 03 j 05:29	0°♍	
	-7572 Nov 27 j 09:57	0°♎	
desc. node	-7572 Dec 05 j 01:55	9°♎28'12	
morning set	-7572 Dec 11 j 08:30	17°♎12'29	
	-7572 Dec 21 j 17:49	0°♏	
	-7571 Jan 15 j 03:35	0°♐	
superior conj	-7571 Jan 19 j 21:21	5°♐49'18	-1°18'18
minimum elong	-7571 Jan 19 j 16:07	5°♐33'15	1°18'40
max. Earth dist.	-7571 Jan 20 j 14:21	6°♐41'27	1.73536 AU
	-7571 Feb 08 j 13:58	0°♑	
evening rise	-7571 Feb 25 j 15:50	20°♑57'28	
greatest brilliancy	-7571 Mar 02 j 12:29	26°♑55'14	-3.9m
	-7571 Mar 05 j 00:44	0°♒	
asc. node	-7571 Mar 27 j 04:40	27°♒09'10	
	-7571 Mar 29 j 12:30	0°♓	
	-7571 Apr 23 j 02:07	0°♈	
	-7571 May 17 j 18:36	0°♉	
	-7571 Jun 11 j 15:56	0°♊	
	-7571 Jul 06 j 22:35	0°♋	
desc. node	-7571 Jul 17 j 15:17	12°♋27'05	
	-7571 Aug 02 j 01:06	0°♌	
evening max el	-7571 Aug 25 j 08:00	25°♌01'14	47°44'22
	-7571 Aug 30 j 07:26	0°♍	
greatest brilliancy	-7571 Oct 05 j 07:57	26°♍59'22	-4.9m
retrograde	-7571 Oct 15 j 11:21	28°♍58'15	
evening set	-7571 Oct 30 j 05:19	24°♍31'53	
min. Earth dist.	-7571 Nov 04 j 12:13	21°♍18'54	0.27217 AU
inferior conj	-7571 Nov 05 j 06:26	20°♍49'59	-0°26'05
minimum elong	-7571 Nov 05 j 07:22	20°♍48'31	0°25'39
asc. node	-7571 Nov 07 j 00:34	19°♍43'29	
morning rise	-7571 Nov 11 j 10:23	17°♍06'51	
direct	-7571 Nov 25 j 18:22	12°♍58'35	
greatest brilliancy	-7571 Dec 04 j 21:54	14°♍33'46	-4.8m
	-7571 Dec 29 j 15:32	0°♎	
morning max el	-7570 Jan 13 j 21:43	13°♎48'11	46°04'59
	-7570 Jan 29 j 23:22	0°♏	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7570 Feb 26 j 14:26	0°♐	
desc. node	-7570 Feb 27 j 13:48	1°♐05'25	
	-7570 Mar 24 j 21:04	0°♑	
	-7570 Apr 19 j 08:15	0°♒	
	-7570 May 14 j 05:04	0°♓	
	-7570 Jun 07 j 14:35	0°♈	
asc. node	-7570 Jun 19 j 18:07	15°♈06'50	
	-7570 Jul 01 j 15:34	0°♉	
morning set	-7570 Jul 09 j 05:15	9°♉30'52	
	-7570 Jul 25 j 11:02	0°♊	
superior conj	-7570 Aug 17 j 10:22	29°♊03'04	1°23'05
minimum elong	-7570 Aug 17 j 12:12	29°♊08'52	1°23'36
	-7570 Aug 18 j 04:22	0°♋	
max. Earth dist.	-7570 Aug 18 j 20:29	0°♋50'56	1.70755 AU
	-7570 Sep 10 j 22:44	0°♌	
evening rise	-7570 Sep 28 j 14:31	22°♌11'09	
	-7570 Oct 04 j 20:18	0°♍	
desc. node	-7570 Oct 10 j 01:25	6°♍31'01	
	-7570 Oct 28 j 22:05	0°♎	
	-7570 Nov 22 j 04:30	0°♏	
	-7570 Dec 16 j 16:50	0°♐	
	-7569 Jan 10 j 14:34	0°♑	
asc. node	-7569 Jan 30 j 06:37	23°♑09'04	
	-7569 Feb 05 j 04:50	0°♒	
	-7569 Mar 04 j 01:36	0°♓	
evening max el	-7569 Mar 29 j 10:26	25°♓51'44	45°15'47
	-7569 Apr 02 j 21:12	0°♈	
greatest brilliancy	-7569 May 06 j 23:49	23°♈25'04	-4.7m
retrograde	-7569 May 17 j 01:07	25°♈13'28	
desc. node	-7569 May 22 j 20:25	24°♈34'15	
evening set	-7569 May 31 j 18:31	21°♈09'31	
inferior conj	-7569 Jun 07 j 02:33	17°♈32'56	-3°33'42
minimum elong	-7569 Jun 06 j 19:00	17°♈44'14	3°31'30
min. Earth dist.	-7569 Jun 07 j 13:08	17°♈17'05	0.27426 AU
morning rise	-7569 Jun 12 j 18:38	14°♈15'17	
direct	-7569 Jun 28 j 05:33	9°♈41'30	
greatest brilliancy	-7569 Jul 09 j 13:14	12°♈01'29	-4.9m
	-7569 Aug 04 j 19:29	0°♉	
morning max el	-7569 Aug 17 j 16:59	12°♉22'01	46°45'29
	-7569 Sep 03 j 05:58	0°♊	
asc. node	-7569 Sep 12 j 05:13	10°♊06'01	
	-7569 Sep 29 j 06:42	0°♋	
	-7569 Oct 24 j 05:37	0°♌	
	-7569 Nov 17 j 20:47	0°♍	
	-7569 Dec 12 j 11:29	0°♎	
desc. node	-7568 Jan 02 j 15:06	25°♎43'43	
	-7568 Jan 06 j 03:27	0°♏	
	-7568 Jan 30 j 19:30	0°♐	
morning set	-7568 Feb 21 j 13:13	26°♐30'10	
	-7568 Feb 24 j 09:54	0°♑	
	-7568 Mar 19 j 21:33	0°♒	
max. Earth dist.	-7568 Mar 25 j 05:38	6°♒33'38	1.73594 AU
superior conj	-7568 Mar 28 j 08:16	10°♒23'09	-0°55'41
minimum elong	-7568 Mar 28 j 16:15	10°♒47'42	0°55'50
	-7568 Apr 13 j 06:18	0°♓	
asc. node	-7568 Apr 23 j 17:42	12°♓56'21	
evening rise	-7568 May 02 j 18:29	24°♓06'47	
	-7568 May 07 j 12:37	0°♈	
	-7568 May 31 j 17:19	0°♉	
	-7568 Jun 24 j 21:42	0°♊	
	-7568 Jul 19 j 03:45	0°♋	
	-7568 Aug 12 j 14:12	0°♌	
desc. node	-7568 Aug 14 j 02:41	1°♌51'18	
	-7568 Sep 06 j 09:03	0°♍	
	-7568 Oct 01 j 20:04	0°♎	
	-7568 Oct 28 j 20:36	0°♏	
evening max el	-7568 Nov 03 j 23:26	6°♏19'20	46°34'39
	-7568 Nov 30 j 20:24	0°♐	
asc. node	-7568 Dec 04 j 11:14	2°♐23'04	
greatest brilliancy	-7568 Dec 13 j 02:36	6°♐50'50	-4.8m
retrograde	-7568 Dec 24 j 06:42	9°♐12'05	
evening set	-7567 Jan 10 j 03:02	3°♐34'50	
min. Earth dist.	-7567 Jan 14 j 03:16	1°♐03'40	0.29221 AU
inferior conj	-7567 Jan 14 j 14:49	0°♐45'06	7°30'48
minimum elong	-7567 Jan 14 j 08:25	0°♐55'24	7°29'40
	-7567 Jan 15 j 18:55	30°℞♏	
morning rise	-7567 Jan 18 j 14:04	28°♏14'39	
direct	-7567 Feb 05 j 03:03	22°♏19'29	
greatest brilliancy	-7567 Feb 14 j 06:52	23°♏51'20	-4.7m
	-7567 Feb 26 j 22:40	0°♐	
morning max el	-7567 Mar 25 j 21:52	21°♐56'48	45°53'54
desc. node	-7567 Mar 27 j 01:07	23°♐01'39	
	-7567 Apr 03 j 04:00	0°♑	
	-7567 May 01 j 08:53	0°♒	
	-7567 May 27 j 12:43	0°♓	
	-7567 Jun 21 j 14:29	0°♈	
	-7567 Jul 15 j 23:46	0°♉	
asc. node	-7567 Jul 17 j 07:02	1°♉37'13	
	-7567 Aug 08 j 22:51	0°♊	
	-7567 Sep 01 j 17:07	0°♋	
morning set	-7567 Sep 22 j 16:38	26°♋30'24	
	-7567 Sep 25 j 11:07	0°♌	
	-7567 Oct 19 j 08:00	0°♍	
superior conj	-7567 Nov 04 j 00:24	19°♍35'32	0°05'58
minimum elong	-7567 Nov 04 j 02:03	19°♍40'42	0°06'02
behind sun begin	-7567 Nov 03 j 00:37	18°♍21'26	
behind sun end	-7567 Nov 05 j 03:28	20°♍59'55	
desc. node	-7567 Nov 06 j 14:40	22°♍49'31	
max. Earth dist.	-7567 Nov 09 j 18:47	26°♍46'24	1.71942 AU
	-7567 Nov 12 j 09:02	0°♎	
	-7567 Dec 06 j 13:57	0°♏	
evening rise	-7567 Dec 15 j 11:17	10°♏58'34	
	-7567 Dec 30 j 22:02	0°♐	
	-7566 Jan 24 j 09:32	0°♑	
	-7566 Feb 18 j 02:01	0°♒	
asc. node	-7566 Feb 26 j 18:25	10°♒27'56	
	-7566 Mar 15 j 02:16	0°♓	
	-7566 Apr 09 j 14:01	0°♈	
	-7566 May 05 j 19:57	0°♉	
	-7566 Jun 02 j 15:04	0°♊	
evening max el	-7566 Jun 10 j 20:49	8°♊16'47	46°48'05
desc. node	-7566 Jun 19 j 06:47	16°♊15'58	
	-7566 Jul 05 j 23:10	0°♋	
greatest brilliancy	-7566 Jul 21 j 21:52	8°♋34'23	-4.9m
retrograde	-7566 Jul 31 j 02:36	10°♋09'01	
evening set	-7566 Aug 17 j 23:04	4°♋07'03	
inferior conj	-7566 Aug 20 j 17:55	2°♋26'35	-8°53'12
minimum elong	-7566 Aug 20 j 21:35	2°♋21'01	8°52'30
min. Earth dist.	-7566 Aug 20 j 14:52	2°♋31'11	0.26594 AU
morning rise	-7566 Aug 23 j 20:08	0°♋35'36	
	-7566 Aug 24 j 20:50	30°℞♊	
direct	-7566 Sep 10 j 01:47	24°♊53'09	
greatest brilliancy	-7566 Sep 20 j 07:11	26°♊53'50	-4.9m
	-7566 Sep 26 j 20:54	0°♋	
asc. node	-7566 Oct 09 j 16:11	8°♋52'55	
morning max el	-7566 Oct 30 j 16:10	28°♋20'45	46°37'54
	-7566 Nov 01 j 07:02	0°♌	
	-7566 Nov 28 j 21:33	0°♍	
	-7566 Dec 25 j 00:19	0°♎	
	-7565 Jan 19 j 14:41	0°♏	
desc. node	-7565 Jan 30 j 03:46	12°♏27'50	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7565 Feb 13 j 22:00	0°♐	
	-7565 Mar 10 j 22:43	0°♑	
	-7565 Apr 04 j 16:28	0°♒	
morning set	-7565 Apr 29 j 02:43	29°♒57'42	
	-7565 Apr 29 j 03:27	0°♓	
asc. node	-7565 May 22 j 06:57	28°♓40'30	
	-7565 May 23 j 08:30	0°♈	
max. Earth dist.	-7565 May 30 j 13:18	8°♈58'23	1.72143 AU
superior conj	-7565 Jun 04 j 01:23	14°♈35'38	0°29'16
minimum elong	-7565 Jun 03 j 19:46	14°♈18'08	0°29'05
	-7565 Jun 16 j 08:52	0°♉	
	-7565 Jul 10 j 06:24	0°♊	
evening rise	-7565 Jul 11 j 01:24	0°♊59'43	
	-7565 Aug 03 j 03:22	0°♋	
	-7565 Aug 27 j 02:11	0°♌	
desc. node	-7565 Sep 11 j 14:48	19°♌20'29	
	-7565 Sep 20 j 04:57	0°♍	
	-7565 Oct 14 j 13:35	0°♎	
	-7565 Nov 08 j 07:12	0°♏	
	-7565 Dec 03 j 17:26	0°♐	
	-7565 Dec 30 j 16:06	0°♑	
asc. node	-7564 Jan 01 j 21:41	2°♑21'13	
evening max el	-7564 Jan 14 j 18:18	15°♑20'40	45°09'53
	-7564 Jan 31 j 06:14	0°♒	
greatest brilliancy	-7564 Feb 21 j 08:51	12°♒47'52	-4.7m
retrograde	-7564 Mar 02 j 22:29	14°♒47'34	
evening set	-7564 Mar 19 j 13:30	9°♒36'07	
inferior conj	-7564 Mar 24 j 09:24	6°♒39'53	6°03'11
minimum elong	-7564 Mar 24 j 18:12	6°♒26'07	6°01'07
min. Earth dist.	-7564 Mar 25 j 09:34	6°♒02'05	0.29199 AU
morning rise	-7564 Mar 29 j 22:26	3°♒17'38	
	-7564 Apr 05 j 19:35	30°℞♑	
direct	-7564 Apr 15 j 08:08	28°♑14'01	
desc. node	-7564 Apr 23 j 11:58	29°♑26'43	
	-7564 Apr 25 j 06:10	0°♒	
greatest brilliancy	-7564 Apr 26 j 08:09	0°♒23'17	-4.7m
morning max el	-7564 Jun 03 j 19:45	28°♒55'16	46°15'49
	-7564 Jun 04 j 22:11	0°♓	
	-7564 Jul 03 j 03:18	0°♈	
	-7564 Jul 28 j 21:52	0°♉	
asc. node	-7564 Aug 13 j 19:36	19°♉14'31	
	-7564 Aug 22 j 13:56	0°♊	
	-7564 Sep 15 j 17:18	0°♋	
	-7564 Oct 09 j 16:34	0°♌	
	-7564 Nov 02 j 17:09	0°♍	
	-7564 Nov 26 j 21:23	0°♎	
desc. node	-7564 Dec 04 j 03:57	8°♎59'21	
morning set	-7564 Dec 08 j 20:48	14°♎47'35	
	-7564 Dec 21 j 05:02	0°♏	
	-7563 Jan 14 j 14:38	0°♐	
superior conj	-7563 Jan 17 j 13:39	3°♐38'02	-1°17'18
minimum elong	-7563 Jan 17 j 07:48	3°♐20'04	1°17'39
max. Earth dist.	-7563 Jan 18 j 10:48	4°♐42'59	1.73501 AU
	-7563 Feb 08 j 00:58	0°♑	
evening rise	-7563 Feb 23 j 10:31	18°♑53'40	
greatest brilliancy	-7563 Feb 28 j 21:10	25°♑34'20	-3.9m
	-7563 Mar 04 j 11:49	0°♒	
asc. node	-7563 Mar 26 j 06:53	26°♒41'25	
	-7563 Mar 28 j 23:50	0°♓	
	-7563 Apr 22 j 13:51	0°♈	
	-7563 May 17 j 06:58	0°♉	
	-7563 Jun 11 j 05:13	0°♊	
	-7563 Jul 06 j 13:21	0°♋	
desc. node	-7563 Jul 16 j 17:23	11°♋47'59	
	-7563 Aug 01 j 18:44	0°♌	
evening max el	-7563 Aug 22 j 21:33	22°♌35'10	47°44'44
	-7563 Aug 30 j 09:06	0°♍	
greatest brilliancy	-7563 Oct 03 j 00:37	24°♍36'53	-4.9m
retrograde	-7563 Oct 13 j 01:23	26°♍33'45	
evening set	-7563 Oct 27 j 20:42	22°♍06'29	
min. Earth dist.	-7563 Nov 02 j 03:38	18°♍53'50	0.27158 AU
inferior conj	-7563 Nov 02 j 20:44	18°♍26'44	-0°48'29
minimum elong	-7563 Nov 02 j 22:28	18°♍24'00	0°47'46
asc. node	-7563 Nov 06 j 02:53	16°♍24'45	
morning rise	-7563 Nov 09 j 01:04	14°♍43'08	
direct	-7563 Nov 23 j 07:22	10°♍36'16	
greatest brilliancy	-7563 Dec 02 j 13:13	12°♍13'14	-4.8m
	-7563 Dec 29 j 23:21	0°♎	
morning max el	-7562 Jan 11 j 11:37	11°♎29'35	46°06'06
	-7562 Jan 29 j 17:35	0°♏	
	-7562 Feb 26 j 04:54	0°♐	
desc. node	-7562 Feb 26 j 15:59	0°♐31'06	
	-7562 Mar 24 j 09:53	0°♑	
	-7562 Apr 18 j 20:13	0°♒	
	-7562 May 13 j 16:35	0°♓	
	-7562 Jun 07 j 01:54	0°♈	
asc. node	-7562 Jun 18 j 20:08	14°♈37'59	
	-7562 Jul 01 j 02:48	0°♉	
morning set	-7562 Jul 06 j 19:44	7°♉10'06	
	-7562 Jul 24 j 22:16	0°♊	
superior conj	-7562 Aug 14 j 21:32	26°♊30'58	1°23'19
minimum elong	-7562 Aug 14 j 22:21	26°♊33'32	1°23'49
max. Earth dist.	-7562 Aug 16 j 00:03	27°♊54'51	1.70763 AU
	-7562 Aug 17 j 15:39	0°♋	
	-7562 Sep 10 j 10:04	0°♌	
evening rise	-7562 Sep 25 j 22:05	19°♌28'49	
	-7562 Oct 04 j 07:42	0°♍	
desc. node	-7562 Oct 09 j 03:36	6°♍02'12	
	-7562 Oct 28 j 09:33	0°♎	
	-7562 Nov 21 j 16:06	0°♏	
	-7562 Dec 16 j 04:42	0°♐	
	-7561 Jan 10 j 03:03	0°♑	
asc. node	-7561 Jan 29 j 08:51	22°♑36'54	
	-7561 Feb 04 j 18:34	0°♒	
	-7561 Mar 03 j 18:18	0°♓	
evening max el	-7561 Mar 27 j 00:53	23°♓36'58	45°13'51
	-7561 Apr 02 j 23:36	0°♈	
greatest brilliancy	-7561 May 04 j 11:40	21°♈05'08	-4.7m
retrograde	-7561 May 14 j 14:55	22°♈54'49	
desc. node	-7561 May 21 j 22:29	21°♈52'16	
evening set	-7561 May 29 j 06:46	18°♈51'49	
inferior conj	-7561 Jun 04 j 16:01	15°♈13'25	-3°12'55
minimum elong	-7561 Jun 04 j 09:07	15°♈23'45	3°10'54
min. Earth dist.	-7561 Jun 05 j 03:19	14°♈56'32	0.27482 AU
morning rise	-7561 Jun 10 j 10:40	11°♈52'29	
direct	-7561 Jun 25 j 20:15	7°♈20'44	
greatest brilliancy	-7561 Jul 07 j 04:15	9°♈41'23	-4.9m
	-7561 Aug 05 j 00:26	0°♉	
morning max el	-7561 Aug 15 j 07:56	10°♉00'33	46°44'58
	-7561 Sep 03 j 00:01	0°♊	
asc. node	-7561 Sep 11 j 07:28	9°♊24'50	
	-7561 Sep 28 j 21:34	0°♋	
	-7561 Oct 23 j 18:59	0°♌	
	-7561 Nov 17 j 09:17	0°♍	
	-7561 Dec 11 j 23:23	0°♎	
desc. node	-7560 Jan 01 j 17:07	25°♎14'47	
	-7560 Jan 05 j 14:55	0°♏	
	-7560 Jan 30 j 06:40	0°♐	
morning set	-7560 Feb 19 j 07:07	24°♐24'44	
	-7560 Feb 23 j 20:50	0°♑	
	-7560 Mar 19 j 08:22	0°♒	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

max. Earth dist.	-7560 Mar 23 j 05:30	4°♒46'13	1.73618 AU
superior conj	-7560 Mar 26 j 03:50	8°♒22'29	-0°57'49
minimum elong	-7560 Mar 26 j 11:51	8°♒47'08	0°57'58
	-7560 Apr 12 j 17:07	0°♓	
asc. node	-7560 Apr 22 j 19:53	12°♓29'32	
evening rise	-7560 Apr 30 j 14:10	22°♓05'27	
	-7560 May 06 j 23:34	0°♈	
	-7560 May 31 j 04:32	0°♉	
	-7560 Jun 24 j 09:19	0°♊	
	-7560 Jul 18 j 15:51	0°♋	
	-7560 Aug 12 j 02:55	0°♌	
desc. node	-7560 Aug 13 j 04:53	1°♌19'07	
	-7560 Sep 05 j 22:42	0°♍	
	-7560 Oct 01 j 11:28	0°♎	
	-7560 Oct 28 j 16:26	0°♏	
evening max el	-7560 Nov 01 j 16:14	4°♏06'09	46°38'15
	-7560 Dec 01 j 20:16	0°♐	
asc. node	-7560 Dec 03 j 13:19	1°♐02'43	
greatest brilliancy	-7560 Dec 10 j 19:41	4°♐40'49	-4.8m
retrograde	-7560 Dec 22 j 00:44	7°♐02'42	
evening set	-7559 Jan 07 j 17:53	1°♐29'00	
	-7559 Jan 10 j 03:13	30°℞♏	
inferior conj	-7559 Jan 12 j 07:56	28°♏35'34	7°23'35
minimum elong	-7559 Jan 12 j 01:06	28°♏46'33	7°22'22
min. Earth dist.	-7559 Jan 11 j 18:44	28°♏56'48	0.29168 AU
morning rise	-7559 Jan 16 j 08:42	26°♏02'57	
direct	-7559 Feb 02 j 19:57	20°♏10'58	
greatest brilliancy	-7559 Feb 11 j 21:21	21°♏41'19	-4.7m
	-7559 Feb 27 j 20:59	0°♐	
morning max el	-7559 Mar 23 j 14:47	19°♐50'15	45°53'41
desc. node	-7559 Mar 26 j 03:21	22°♐15'05	
	-7559 Apr 02 j 23:18	0°♑	
	-7559 Apr 30 j 23:34	0°♒	
	-7559 May 27 j 01:35	0°♓	
	-7559 Jun 21 j 02:28	0°♈	
	-7559 Jul 15 j 11:20	0°♉	
asc. node	-7559 Jul 16 j 09:14	1°♉08'07	
	-7559 Aug 08 j 10:15	0°♊	
	-7559 Sep 01 j 04:25	0°♋	
morning set	-7559 Sep 20 j 02:28	23°♋54'34	
	-7559 Sep 24 j 22:22	0°♌	
	-7559 Oct 18 j 19:11	0°♍	
superior conj	-7559 Nov 01 j 09:14	16°♍58'42	0°09'53
minimum elong	-7559 Nov 01 j 11:58	17°♍07'13	0°09'55
behind sun begin	-7559 Oct 31 j 14:08	15°♍59'06	
behind sun end	-7559 Nov 02 j 09:48	18°♍15'18	
desc. node	-7559 Nov 05 j 16:43	22°♍21'10	
max. Earth dist.	-7559 Nov 07 j 08:27	24°♍24'54	1.71877 AU
	-7559 Nov 11 j 20:10	0°♎	
	-7559 Dec 06 j 01:01	0°♏	
evening rise	-7559 Dec 13 j 00:14	8°♏36'24	
	-7559 Dec 30 j 09:06	0°♐	
	-7558 Jan 23 j 20:43	0°♑	
	-7558 Feb 17 j 13:33	0°♒	
asc. node	-7558 Feb 25 j 20:41	9°♒59'33	
	-7558 Mar 14 j 14:29	0°♓	
	-7558 Apr 09 j 03:26	0°♈	
	-7558 May 05 j 11:42	0°♉	
	-7558 Jun 02 j 12:19	0°♊	
evening max el	-7558 Jun 08 j 10:17	5°♊53'51	46°44'30
desc. node	-7558 Jun 18 j 08:55	15°♊15'29	
	-7558 Jul 07 j 03:11	0°♋	
greatest brilliancy	-7558 Jul 19 j 09:18	6°♋04'48	-4.9m
retrograde	-7558 Jul 28 j 14:16	7°♋39'09	
evening set	-7558 Aug 15 j 11:43	1°♋37'05	
inferior conj	-7558 Aug 18 j 05:57	29°♊57'27	-8°56'22
minimum elong	-7558 Aug 18 j 08:41	29°♊53'18	8°55'46
min. Earth dist.	-7558 Aug 18 j 02:55	0°♋02'03	0.26606 AU
	-7558 Aug 18 j 04:16	30°℞♊	
morning rise	-7558 Aug 21 j 05:40	28°♊10'01	
direct	-7558 Sep 07 j 14:19	22°♊24'13	
greatest brilliancy	-7558 Sep 17 j 20:03	24°♊24'41	-4.9m
	-7558 Sep 28 j 11:46	0°♋	
asc. node	-7558 Oct 08 j 18:27	7°♋40'54	
morning max el	-7558 Oct 28 j 04:31	25°♋51'36	46°38'41
	-7558 Nov 01 j 04:59	0°♌	
	-7558 Nov 28 j 13:45	0°♍	
	-7558 Dec 24 j 14:11	0°♎	
	-7557 Jan 19 j 03:16	0°♏	
desc. node	-7557 Jan 29 j 06:01	11°♏58'23	
	-7557 Feb 13 j 09:46	0°♐	
	-7557 Mar 10 j 09:57	0°♑	
	-7557 Apr 04 j 03:24	0°♒	
morning set	-7557 Apr 26 j 21:53	27°♒55'31	
	-7557 Apr 28 j 14:16	0°♓	
asc. node	-7557 May 21 j 09:00	28°♓13'18	
	-7557 May 22 j 19:18	0°♈	
max. Earth dist.	-7557 May 28 j 05:12	6°♈44'34	1.72207 AU
superior conj	-7557 Jun 01 j 19:12	12°♈27'40	0°26'17
minimum elong	-7557 Jun 01 j 14:07	12°♈11'49	0°26'06
	-7557 Jun 15 j 19:45	0°♉	
evening rise	-7557 Jul 08 j 16:29	28°♉41'44	
	-7557 Jul 09 j 17:24	0°♊	
	-7557 Aug 02 j 14:32	0°♋	
	-7557 Aug 26 j 13:36	0°♌	
desc. node	-7557 Sep 10 j 17:00	18°♌51'18	
	-7557 Sep 19 j 16:41	0°♍	
	-7557 Oct 14 j 01:43	0°♎	
	-7557 Nov 07 j 20:01	0°♏	
	-7557 Dec 03 j 07:39	0°♐	
	-7557 Dec 30 j 09:51	0°♑	
asc. node	-7557 Dec 31 j 24:00	1°♑39'49	
evening max el	-7556 Jan 12 j 08:44	13°♑06'38	45°11'40
	-7556 Jan 31 j 16:28	0°♒	
greatest brilliancy	-7556 Feb 19 j 01:16	10°♒41'17	-4.7m
retrograde	-7556 Feb 29 j 14:40	12°♒41'28	
evening set	-7556 Mar 17 j 08:30	7°♒25'48	
inferior conj	-7556 Mar 22 j 02:09	4°♒32'45	6°15'09
minimum elong	-7556 Mar 22 j 10:51	4°♒19'08	6°13'10
min. Earth dist.	-7556 Mar 23 j 02:06	3°♒55'15	0.29244 AU
morning rise	-7556 Mar 27 j 12:42	1°♒13'40	
	-7556 Mar 29 j 18:19	30°℞♑	
direct	-7556 Apr 13 j 00:26	26°♑05'58	
desc. node	-7556 Apr 22 j 14:04	27°♑44'30	
greatest brilliancy	-7556 Apr 24 j 00:24	28°♑14'41	-4.7m
	-7556 Apr 28 j 02:33	0°♒	
morning max el	-7556 Jun 01 j 11:09	26°♒41'55	46°14'48
	-7556 Jun 04 j 19:30	0°♓	
	-7556 Jul 02 j 18:51	0°♈	
	-7556 Jul 28 j 11:19	0°♉	
asc. node	-7556 Aug 12 j 21:51	18°♉42'29	
	-7556 Aug 22 j 02:22	0°♊	
	-7556 Sep 15 j 05:10	0°♋	
	-7556 Oct 09 j 04:07	0°♌	
	-7556 Nov 02 j 04:29	0°♍	
	-7556 Nov 26 j 08:33	0°♎	
desc. node	-7556 Dec 03 j 06:00	8°♎31'23	
morning set	-7556 Dec 06 j 08:46	12°♎22'13	
	-7556 Dec 20 j 16:02	0°♏	
	-7555 Jan 14 j 01:30	0°♐	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

superior conj	-7555 Jan 15 j 05:29	1°♐25'55	-1°16'11	
minimum elong	-7555 Jan 14 j 23:03	1°♐06'09	1°16'30	
max. Earth dist.	-7555 Jan 16 j 04:25	2°♐36'21	1.73466 AU	
	-7555 Feb 07 j 11:47	0°♑		
evening rise	-7555 Feb 21 j 04:48	16°♑49'16		
greatest brilliancy	-7555 Feb 27 j 02:42	24°♑04'24	-3.9m	
	-7555 Mar 03 j 22:42	0°♒		
asc. node	-7555 Mar 25 j 09:04	26°♒14'14		
	-7555 Mar 28 j 10:56	0°♓		
	-7555 Apr 22 j 01:22	0°♈		
	-7555 May 16 j 19:07	0°♉		
	-7555 Jun 10 j 18:19	0°♊		
	-7555 Jul 06 j 04:00	0°♋		
desc. node	-7555 Jul 15 j 19:41	11°♋09'59		
	-7555 Aug 01 j 12:23	0°♌		
evening max el	-7555 Aug 20 j 11:20	20°♌10'48	47°45'05	
	-7555 Aug 30 j 11:42	0°♍		
greatest brilliancy	-7555 Sep 30 j 16:51	22°♍14'59	-4.9m	
retrograde	-7555 Oct 10 j 15:49	24°♍10'38		
evening set	-7555 Oct 25 j 12:17	19°♍41'51		
inferior conj	-7555 Oct 31 j 11:05	16°♍04'33	-1°10'40	
minimum elong	-7555 Oct 31 j 13:36	16°♍00'34	1°09'42	
min. Earth dist.	-7555 Oct 30 j 18:51	16°♍30'12	0.27105 AU	
asc. node	-7555 Nov 05 j 04:57	13°♍09'52		
morning rise	-7555 Nov 06 j 15:41	12°♍20'58		
direct	-7555 Nov 20 j 20:38	8°♍14'52		
greatest brilliancy	-7555 Nov 30 j 04:20	9°♍53'34	-4.8m	
	-7555 Dec 30 j 04:34	0°♎		
morning max el	-7554 Jan 09 j 02:26	9°♎13'43	46°07'02	
	-7554 Jan 29 j 11:11	0°♏		
desc. node	-7554 Feb 25 j 18:09	29°♏57'19		
	-7554 Feb 25 j 19:06	0°♐		
	-7554 Mar 23 j 22:32	0°♑		
	-7554 Apr 18 j 08:02	0°♒		
	-7554 May 13 j 03:56	0°♓		
	-7554 Jun 06 j 13:00	0°♈		
asc. node	-7554 Jun 17 j 22:19	14°♈10'19		
	-7554 Jun 30 j 13:49	0°♉		
morning set	-7554 Jul 04 j 10:25	4°♉50'42		
	-7554 Jul 24 j 09:19	0°♊		
superior conj	-7554 Aug 12 j 08:58	24°♊00'11	1°23'22	
minimum elong	-7554 Aug 12 j 08:47	23°♊59'35	1°23'52	
max. Earth dist.	-7554 Aug 13 j 06:19	25°♊07'43	1.70774 AU	
	-7554 Aug 17 j 02:46	0°♋		
	-7554 Sep 09 j 21:15	0°♌		
evening rise	-7554 Sep 23 j 05:52	16°♌47'38		
	-7554 Oct 03 j 18:56	0°♍		
desc. node	-7554 Oct 08 j 05:40	5°♍33'29		
	-7554 Oct 27 j 20:50	0°♎		
	-7554 Nov 21 j 03:32	0°♏		
	-7554 Dec 15 j 16:28	0°♐		
	-7553 Jan 09 j 15:29	0°♑		
asc. node	-7553 Jan 28 j 11:06	22°♑04'47		
	-7553 Feb 04 j 08:23	0°♒		
	-7553 Mar 03 j 11:20	0°♓		
evening max el	-7553 Mar 24 j 16:16	21°♓24'29	45°12'02	
	-7553 Apr 03 j 03:38	0°♈		
greatest brilliancy	-7553 May 01 j 23:48	18°♈45'51	-4.7m	
retrograde	-7553 May 12 j 04:38	20°♈36'19		
desc. node	-7553 May 21 j 00:39	19°♈05'19		
evening set	-7553 May 26 j 19:19	16°♈34'21		
inferior conj	-7553 Jun 02 j 05:32	12°♈54'16	-2°51'57	
minimum elong	-7553 Jun 01 j 23:17	13°♈03'36	2°50'07	
min. Earth dist.	-7553 Jun 02 j 17:24	12°♈36'29	0.27533 AU	
morning rise	-7553 Jun 08 j 02:32	9°♈30'08		
direct	-7553 Jun 23 j 11:14	5°♈00'34		
greatest brilliancy	-7553 Jul 04 j 18:36	7°♈20'54	-4.9m	
	-7553 Aug 05 j 03:32	0°♉		
morning max el	-7553 Aug 12 j 22:42	7°♉39'06	46°44'18	
	-7553 Sep 02 j 17:34	0°♊		
asc. node	-7553 Sep 10 j 09:39	8°♊44'07		
	-7553 Sep 28 j 12:11	0°♋		
	-7553 Oct 23 j 08:12	0°♌		
	-7553 Nov 16 j 21:39	0°♍		
	-7553 Dec 11 j 11:11	0°♎		
desc. node	-7553 Dec 31 j 19:23	24°♎46'49		
	-7552 Jan 05 j 02:18	0°♏		
	-7552 Jan 29 j 17:46	0°♐		
morning set	-7552 Feb 17 j 00:56	22°♐19'09		
	-7552 Feb 23 j 07:46	0°♑		
	-7552 Mar 18 j 19:13	0°♒		
max. Earth dist.	-7552 Mar 21 j 04:29	2°♒55'56	1.73643 AU	
superior conj	-7552 Mar 23 j 23:15	6°♒21'10	-0°59'51	
minimum elong	-7552 Mar 24 j 07:16	6°♒45'49	1°00'03	
	-7552 Apr 12 j 04:00	0°♓		
asc. node	-7552 Apr 21 j 21:56	12°♓02'01		
evening rise	-7552 Apr 28 j 09:36	20°♓03'06		
	-7552 May 06 j 10:36	0°♈		
	-7552 May 30 j 15:51	0°♉		
	-7552 Jun 23 j 21:00	0°♊		
	-7552 Jul 18 j 04:00	0°♋		
	-7552 Aug 11 j 15:42	0°♌		
desc. node	-7552 Aug 12 j 07:03	0°♌46'40		
	-7552 Sep 05 j 12:30	0°♍		
	-7552 Oct 01 j 03:10	0°♎		
	-7552 Oct 28 j 12:59	0°♏		
evening max el	-7552 Oct 30 j 09:06	1°♏52'41	46°41'45	
asc. node	-7552 Dec 02 j 15:40	29°♏39'56		
	-7552 Dec 03 j 06:11	0°♐		
greatest brilliancy	-7552 Dec 08 j 13:27	2°♐31'14	-4.8m	
retrograde	-7552 Dec 19 j 18:28	4°♐52'45		
	-7551 Jan 04 j 07:44	30°℞♏		
evening set	-7551 Jan 05 j 08:41	29°♏23'03		
min. Earth dist.	-7551 Jan 09 j 10:28	26°♏49'16	0.29111 AU	
inferior conj	-7551 Jan 10 j 01:02	26°♏25'47	7°15'45	
minimum elong	-7551 Jan 09 j 17:49	26°♏37'26	7°14'25	
morning rise	-7551 Jan 14 j 03:23	23°♏50'38		
direct	-7551 Jan 31 j 12:45	18°♏02'19		
greatest brilliancy	-7551 Feb 09 j 11:54	19°♏31'01	-4.7m	
	-7551 Feb 28 j 13:37	0°♐		
morning max el	-7551 Mar 21 j 06:49	17°♐41'17	45°53'22	
desc. node	-7551 Mar 25 j 05:29	21°♐28'45		
	-7551 Apr 02 j 18:12	0°♑		
	-7551 Apr 30 j 14:14	0°♒		
	-7551 May 26 j 14:35	0°♓		
	-7551 Jun 20 j 14:40	0°♈		
	-7551 Jul 14 j 23:06	0°♉		
asc. node	-7551 Jul 15 j 11:30	0°♉38'34		
	-7551 Aug 07 j 21:47	0°♊		
	-7551 Aug 31 j 15:50	0°♋		
morning set	-7551 Sep 17 j 12:17	21°♋18'11		
	-7551 Sep 24 j 09:43	0°♌		
	-7551 Oct 18 j 06:30	0°♍		
superior conj	-7551 Oct 29 j 18:04	14°♍21'13	0°13'46	
minimum elong	-7551 Oct 29 j 21:51	14°♍33'02	0°13'48	
behind sun begin	-7551 Oct 29 j 07:08	13°♍47'06		
behind sun end	-7551 Oct 30 j 12:34	15°♍18'57		
desc. node	-7551 Nov 04 j 18:46	21°♍52'20		
max. Earth dist.	-7551 Nov 04 j 22:28	22°♍03'53	1.71812 AU	
	-7551 Nov 11 j 07:27	0°♎		
	-7551 Dec 05 j 12:16	0°♏		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening rise	-7551 Dec 10 j 13:01	6♏13'00	
	-7551 Dec 29 j 20:22	0♐	
	-7550 Jan 23 j 08:05	0♑	
	-7550 Feb 17 j 01:17	0♒	
asc. node	-7550 Feb 24 j 22:52	9♒30'20	
	-7550 Mar 14 j 02:56	0♓	
	-7550 Apr 08 j 17:13	0♈	
	-7550 May 05 j 04:01	0♉	
	-7550 Jun 02 j 10:49	0♊	
evening max el	-7550 Jun 05 j 22:46	3♊27'30	46°40'45
desc. node	-7550 Jun 17 j 11:14	14♊12'43	
	-7550 Jul 08 j 19:55	0♋	
greatest brilliancy	-7550 Jul 16 j 21:15	3♋34'28	-4.9m
retrograde	-7550 Jul 26 j 01:24	5♋08'03	
	-7550 Aug 11 j 11:02	30℞♊	
evening set	-7550 Aug 12 j 23:42	29♊06'44	
inferior conj	-7550 Aug 15 j 17:53	27♊27'13	-8°58'30
minimum elong	-7550 Aug 15 j 19:37	27♊24'35	8°57'58
min. Earth dist.	-7550 Aug 15 j 15:14	27♊31'14	0.26615 AU
morning rise	-7550 Aug 18 j 15:31	25♊42'44	
direct	-7550 Sep 05 j 02:11	19♊53'56	
greatest brilliancy	-7550 Sep 15 j 09:24	21♊55'06	-4.9m
	-7550 Sep 29 j 15:31	0♋	
asc. node	-7550 Oct 07 j 20:37	6♋29'51	
morning max el	-7550 Oct 25 j 16:12	23♋19'48	46°39'32
	-7550 Nov 01 j 02:26	0♌	
	-7550 Nov 28 j 05:57	0♍	
	-7550 Dec 24 j 04:10	0♎	
	-7549 Jan 18 j 16:02	0♏	
desc. node	-7549 Jan 28 j 08:04	11♏27'38	
	-7549 Feb 12 j 21:46	0♐	
	-7549 Mar 09 j 21:27	0♑	
	-7549 Apr 03 j 14:36	0♒	
morning set	-7549 Apr 24 j 17:10	25♒52'55	
	-7549 Apr 28 j 01:20	0♓	
asc. node	-7549 May 20 j 11:15	27♓45'47	
	-7549 May 22 j 06:23	0♈	
max. Earth dist.	-7549 May 25 j 23:22	4♈37'04	1.72276 AU
superior conj	-7549 May 30 j 13:03	10♈18'58	0°23'16
minimum elong	-7549 May 30 j 08:32	10♈04'52	0°23'06
	-7549 Jun 15 j 06:56	0♉	
evening rise	-7549 Jul 06 j 07:36	26♉22'51	
	-7549 Jul 09 j 04:46	0♊	
	-7549 Aug 02 j 02:06	0♋	
	-7549 Aug 26 j 01:24	0♌	
desc. node	-7549 Sep 09 j 19:02	18♌20'27	
	-7549 Sep 19 j 04:46	0♍	
	-7549 Oct 13 j 14:13	0♎	
	-7549 Nov 07 j 09:14	0♏	
	-7549 Dec 02 j 22:19	0♐	
	-7549 Dec 30 j 04:23	0♑	
asc. node	-7549 Dec 31 j 02:17	0♑56'50	
evening max el	-7548 Jan 09 j 23:19	10♑51'58	45°13'36
	-7548 Feb 01 j 06:48	0♒	
greatest brilliancy	-7548 Feb 16 j 17:11	8♒33'21	-4.7m
retrograde	-7548 Feb 27 j 07:25	10♒34'46	
evening set	-7548 Mar 15 j 03:30	5♒14'47	
inferior conj	-7548 Mar 19 j 18:59	2♒24'53	6°26'28
minimum elong	-7548 Mar 20 j 03:30	2♒11'32	6°24'36
min. Earth dist.	-7548 Mar 20 j 18:28	1♒48'05	0.29288 AU
	-7548 Mar 23 j 16:38	30℞♑	
morning rise	-7548 Mar 25 j 03:01	29♑09'17	
direct	-7548 Apr 10 j 16:49	23♑57'12	
greatest brilliancy	-7548 Apr 21 j 16:36	26♑05'35	-4.7m
desc. node	-7548 Apr 21 j 16:12	26♑05'12	
	-7548 Apr 29 j 20:25	0♒	

morning max el	-7548 May 30 j 03:23	24♒30'02	46°13'45
	-7548 Jun 04 j 16:23	0♓	
	-7548 Jul 02 j 10:28	0♈	
	-7548 Jul 28 j 01:00	0♉	
asc. node	-7548 Aug 11 j 23:57	18♉09'01	
	-7548 Aug 21 j 15:08	0♊	
	-7548 Sep 14 j 17:26	0♋	
	-7548 Oct 08 j 16:04	0♌	
	-7548 Nov 01 j 16:12	0♍	
	-7548 Nov 25 j 20:02	0♎	
desc. node	-7548 Dec 02 j 08:13	8♎02'55	
morning set	-7548 Dec 03 j 20:21	9♎54'34	
	-7548 Dec 20 j 03:20	0♏	
superior conj	-7547 Jan 12 j 21:07	29♏12'12	-1°14'56
minimum elong	-7547 Jan 12 j 14:05	28♏50'37	1°15'12
	-7547 Jan 13 j 12:41	0♐	
max. Earth dist.	-7547 Jan 13 j 21:48	0♐28'02	1.73431 AU
	-7547 Feb 06 j 22:56	0♑	
evening rise	-7547 Feb 18 j 23:08	14♑44'03	
greatest brilliancy	-7547 Feb 25 j 13:48	22♑50'31	-3.9m
	-7547 Mar 03 j 09:56	0♒	
asc. node	-7547 Mar 24 j 11:09	25♒45'48	
	-7547 Mar 27 j 22:22	0♓	
	-7547 Apr 21 j 13:12	0♈	
	-7547 May 16 j 07:35	0♉	
	-7547 Jun 10 j 07:48	0♊	
	-7547 Jul 05 j 19:09	0♋	
desc. node	-7547 Jul 14 j 21:49	10♋30'09	
	-7547 Aug 01 j 06:52	0♌	
evening max el	-7547 Aug 18 j 01:53	17♌47'06	47°45'06
	-7547 Aug 30 j 16:35	0♍	
greatest brilliancy	-7547 Sep 28 j 08:18	19♍49'56	-4.9m
retrograde	-7547 Oct 08 j 06:27	21♍44'54	
evening set	-7547 Oct 23 j 03:41	17♍14'19	
min. Earth dist.	-7547 Oct 28 j 09:27	14♍04'10	0.27053 AU
inferior conj	-7547 Oct 29 j 01:03	13♍39'37	-1°33'08
minimum elong	-7547 Oct 29 j 04:22	13♍34'24	1°31'56
morning rise	-7547 Nov 04 j 05:47	9♍56'35	
asc. node	-7547 Nov 04 j 07:17	9♍54'31	
direct	-7547 Nov 18 j 09:55	5♍50'50	
greatest brilliancy	-7547 Nov 27 j 18:41	7♍30'52	-4.8m
	-7547 Dec 30 j 08:34	0♎	
morning max el	-7546 Jan 06 j 17:51	6♎58'00	46°08'06
	-7546 Jan 29 j 04:47	0♏	
desc. node	-7546 Feb 24 j 20:15	29♏22'39	
	-7546 Feb 25 j 09:28	0♐	
	-7546 Mar 23 j 11:23	0♑	
	-7546 Apr 17 j 20:05	0♒	
	-7546 May 12 j 15:32	0♓	
	-7546 Jun 06 j 00:21	0♈	
asc. node	-7546 Jun 17 j 00:33	13♈41'58	
	-7546 Jun 30 j 01:05	0♉	
morning set	-7546 Jul 02 j 01:40	2♉32'31	
	-7546 Jul 23 j 20:35	0♊	
superior conj	-7546 Aug 09 j 20:54	21♊30'19	1°23'14
minimum elong	-7546 Aug 09 j 19:45	21♊26'43	1°23'45
max. Earth dist.	-7546 Aug 10 j 13:31	22♊22'53	1.70790 AU
	-7546 Aug 16 j 14:07	0♋	
	-7546 Sep 09 j 08:42	0♌	
evening rise	-7546 Sep 20 j 13:42	14♌05'31	
	-7546 Oct 03 j 06:28	0♍	
desc. node	-7546 Oct 07 j 07:47	5♍03'59	
	-7546 Oct 27 j 08:28	0♎	
	-7546 Nov 20 j 15:20	0♏	
	-7546 Dec 15 j 04:35	0♐	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7545 Jan 09 j 04:16	0°♉	
asc. node	-7545 Jan 27 j 13:14	21°♉31'27	
	-7545 Feb 03 j 22:36	0°♒	
	-7545 Mar 03 j 05:00	0°♓	
evening max el	-7545 Mar 22 j 08:00	19°♓12'18	45°10'17
	-7545 Apr 03 j 09:51	0°♈	
greatest brilliancy	-7545 Apr 29 j 12:42	16°♈27'20	-4.7m
retrograde	-7545 May 09 j 18:06	18°♈17'48	
desc. node	-7545 May 20 j 03:00	16°♈13'23	
evening set	-7545 May 24 j 08:20	14°♈16'54	
inferior conj	-7545 May 30 j 19:14	10°♈35'20	-2°30'56
minimum elong	-7545 May 30 j 13:43	10°♈43'38	2°29'17
min. Earth dist.	-7545 May 31 j 07:54	10°♈16'19	0.27583 AU
morning rise	-7545 Jun 05 j 18:22	7°♈07'58	
direct	-7545 Jun 21 j 02:17	2°♈40'44	
greatest brilliancy	-7545 Jul 02 j 08:59	5°♈00'21	-4.8m
	-7545 Aug 05 j 05:18	0°♉	
morning max el	-7545 Aug 10 j 12:51	5°♉15'59	46°43'41
	-7545 Sep 02 j 10:52	0°♊	
asc. node	-7545 Sep 09 j 11:50	8°♊03'35	
	-7545 Sep 28 j 02:44	0°♋	
	-7545 Oct 22 j 21:28	0°♌	
	-7545 Nov 16 j 10:09	0°♍	
	-7545 Dec 10 j 23:10	0°♎	
desc. node	-7545 Dec 30 j 21:25	24°♎17'28	
	-7544 Jan 04 j 13:54	0°♏	
	-7544 Jan 29 j 05:04	0°♐	
morning set	-7544 Feb 14 j 18:27	20°♐12'05	
	-7544 Feb 22 j 18:51	0°♑	
	-7544 Mar 18 j 06:11	0°♒	
max. Earth dist.	-7544 Mar 19 j 02:43	1°♒03'04	1.73663 AU
superior conj	-7544 Mar 21 j 18:32	4°♒19'08	-1°01'51
minimum elong	-7544 Mar 22 j 02:31	4°♒43'39	1°02'03
	-7544 Apr 11 j 15:00	0°♓	
asc. node	-7544 Apr 21 j 00:10	11°♓34'44	
evening rise	-7544 Apr 26 j 05:04	18°♓00'34	
	-7544 May 05 j 21:47	0°♈	
	-7544 May 30 j 03:18	0°♉	
	-7544 Jun 23 j 08:49	0°♊	
	-7544 Jul 17 j 16:15	0°♋	
desc. node	-7544 Aug 11 j 09:10	0°♌13'51	
	-7544 Aug 11 j 04:36	0°♌	
	-7544 Sep 05 j 02:25	0°♍	
	-7544 Sep 30 j 19:04	0°♎	
evening max el	-7544 Oct 28 j 01:17	29°♎37'10	46°44'58
	-7544 Oct 28 j 10:16	0°♏	
asc. node	-7544 Dec 01 j 17:55	28°♏13'44	
	-7544 Dec 05 j 10:54	0°♐	
greatest brilliancy	-7544 Dec 06 j 07:38	0°♐21'24	-4.8m
retrograde	-7544 Dec 17 j 11:34	2°♐41'54	
	-7544 Dec 28 j 21:45	30°℞♏	
evening set	-7543 Jan 02 j 23:21	27°♏16'25	
min. Earth dist.	-7543 Jan 07 j 02:34	24°♏40'20	0.29054 AU
inferior conj	-7543 Jan 07 j 18:05	24°♏15'19	7°07'15
minimum elong	-7543 Jan 07 j 10:30	24°♏27'33	7°05'48
morning rise	-7543 Jan 11 j 22:06	21°♏37'22	
direct	-7543 Jan 29 j 05:07	15°♏52'59	
greatest brilliancy	-7543 Feb 07 j 03:03	17°♏20'35	-4.7m
	-7543 Mar 01 j 02:18	0°♐	
morning max el	-7543 Mar 18 j 22:02	15°♐29'59	45°53'11
desc. node	-7543 Mar 24 j 07:38	20°♐42'55	
	-7543 Apr 02 j 12:42	0°♑	
	-7543 Apr 30 j 04:46	0°♒	
	-7543 May 26 j 03:28	0°♓	
	-7543 Jun 20 j 02:46	0°♈	
	-7543 Jul 14 j 10:49	0°♉	
asc. node	-7543 Jul 14 j 13:30	0°♉08'22	
	-7543 Aug 07 j 09:17	0°♊	
	-7543 Aug 31 j 03:13	0°♋	
morning set	-7543 Sep 14 j 22:27	18°♋43'01	
	-7543 Sep 23 j 21:00	0°♌	
	-7543 Oct 17 j 17:44	0°♍	
superior conj	-7543 Oct 27 j 03:14	11°♍45'07	0°17'37
minimum elong	-7543 Oct 27 j 08:03	12°♍00'07	0°17'36
max. Earth dist.	-7543 Nov 02 j 11:34	19°♍40'18	1.71745 AU
desc. node	-7543 Nov 03 j 21:00	21°♍24'29	
	-7543 Nov 10 j 18:37	0°♎	
	-7543 Dec 04 j 23:25	0°♏	
evening rise	-7543 Dec 08 j 01:47	3°♏49'46	
	-7543 Dec 29 j 07:32	0°♐	
	-7542 Jan 22 j 19:25	0°♑	
	-7542 Feb 16 j 12:59	0°♒	
asc. node	-7542 Feb 24 j 00:59	9°♒01'04	
	-7542 Mar 13 j 15:22	0°♓	
	-7542 Apr 08 j 07:01	0°♈	
	-7542 May 04 j 20:28	0°♉	
	-7542 Jun 02 j 10:01	0°♊	
evening max el	-7542 Jun 03 j 10:30	0°♊59'55	46°37'05
desc. node	-7542 Jun 16 j 13:20	13°♊08'20	
	-7542 Jul 11 j 11:40	0°♋	
greatest brilliancy	-7542 Jul 14 j 09:13	1°♋04'40	-4.9m
retrograde	-7542 Jul 23 j 12:29	2°♋37'47	
	-7542 Aug 04 j 01:25	30°℞♊	
evening set	-7542 Aug 10 j 11:05	26°♊37'39	
inferior conj	-7542 Aug 13 j 05:48	24°♊57'33	-8°59'33
minimum elong	-7542 Aug 13 j 06:32	24°♊56'26	8°59'02
min. Earth dist.	-7542 Aug 13 j 03:41	25°♊00'44	0.26630 AU
morning rise	-7542 Aug 16 j 01:57	23°♊15'19	
direct	-7542 Sep 02 j 13:52	17°♊23'51	
greatest brilliancy	-7542 Sep 12 j 23:12	19°♊26'31	-4.9m
	-7542 Sep 30 j 11:40	0°♋	
asc. node	-7542 Oct 06 j 22:52	5°♋21'24	
morning max el	-7542 Oct 23 j 04:22	20°♋49'34	46°40'37
	-7542 Oct 31 j 22:58	0°♌	
	-7542 Nov 27 j 21:39	0°♍	
	-7542 Dec 23 j 17:48	0°♎	
	-7541 Jan 18 j 04:29	0°♏	
desc. node	-7541 Jan 27 j 10:10	10°♏57'47	
	-7541 Feb 12 j 09:30	0°♐	
	-7541 Mar 09 j 08:43	0°♑	
	-7541 Apr 03 j 01:36	0°♒	
morning set	-7541 Apr 22 j 12:20	23°♒50'36	
	-7541 Apr 27 j 12:13	0°♓	
asc. node	-7541 May 19 j 13:24	27°♓18'44	
	-7541 May 21 j 17:15	0°♈	
max. Earth dist.	-7541 May 23 j 19:02	2°♈34'58	1.72340 AU
superior conj	-7541 May 28 j 06:50	8°♈10'50	0°20'14
minimum elong	-7541 May 28 j 02:54	7°♈58'31	0°20'03
	-7541 Jun 14 j 17:54	0°♉	
evening rise	-7541 Jul 03 j 22:54	24°♉05'28	
	-7541 Jul 08 j 15:52	0°♊	
	-7541 Aug 01 j 13:27	0°♋	
	-7541 Aug 25 j 13:01	0°♌	
desc. node	-7541 Sep 08 j 21:13	17°♌50'43	
	-7541 Sep 18 j 16:41	0°♍	
	-7541 Oct 13 j 02:31	0°♎	
	-7541 Nov 06 j 22:13	0°♏	
	-7541 Dec 02 j 12:49	0°♐	
	-7541 Dec 29 j 22:58	0°♑	
asc. node	-7541 Dec 30 j 04:22	0°♑13'53	
evening max el	-7540 Jan 07 j 14:36	8°♑40'07	45°15'38

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7540 Feb 02 j 01:23	0°♒	
greatest brilliancy	-7540 Feb 14 j 08:30	6°♒25'55	-4.7m
retrograde	-7540 Feb 25 j 00:34	8°♒29'12	
evening set	-7540 Mar 12 j 22:33	3°♒04'54	
inferior conj	-7540 Mar 17 j 11:52	0°♒18'03	6°37'19
minimum elong	-7540 Mar 17 j 20:11	0°♒05'01	6°35'32
	-7540 Mar 17 j 23:23	30°℞♑	
min. Earth dist.	-7540 Mar 18 j 10:33	29°♑42'32	0.29332 AU
morning rise	-7540 Mar 22 j 17:24	27°♑06'07	
direct	-7540 Apr 08 j 09:47	21°♑49'32	
greatest brilliancy	-7540 Apr 19 j 08:34	23°♑57'18	-4.7m
desc. node	-7540 Apr 20 j 18:31	24°♑30'26	
	-7540 May 01 j 00:51	0°♒	
morning max el	-7540 May 27 j 20:30	22°♒21'22	46°12'40
	-7540 Jun 04 j 12:18	0°♓	
	-7540 Jul 02 j 01:34	0°♈	
	-7540 Jul 27 j 14:16	0°♉	
asc. node	-7540 Aug 11 j 02:10	17°♉36'58	
	-7540 Aug 21 j 03:29	0°♊	
	-7540 Sep 14 j 05:19	0°♋	
	-7540 Oct 08 j 03:40	0°♌	
	-7540 Nov 01 j 03:35	0°♍	
	-7540 Nov 25 j 07:13	0°♎	
morning set	-7540 Dec 01 j 07:55	7°♎27'34	
desc. node	-7540 Dec 01 j 10:15	7°♎34'47	
	-7540 Dec 19 j 14:19	0°♏	
superior conj	-7539 Jan 10 j 12:41	26°♏59'14	-1°13'33
minimum elong	-7539 Jan 10 j 05:06	26°♏35'56	1°13'48
max. Earth dist.	-7539 Jan 11 j 16:27	28°♏24'33	1.73393 AU
	-7539 Jan 12 j 23:31	0°♐	
	-7539 Feb 06 j 09:43	0°♑	
evening rise	-7539 Feb 16 j 17:33	12°♑40'15	
greatest brilliancy	-7539 Feb 24 j 02:50	21°♑43'42	-3.9m
	-7539 Mar 02 j 20:48	0°♒	
asc. node	-7539 Mar 23 j 13:25	25°♒18'58	
	-7539 Mar 27 j 09:29	0°♓	
	-7539 Apr 21 j 00:44	0°♈	
	-7539 May 15 j 19:48	0°♉	
	-7539 Jun 09 j 21:04	0°♊	
	-7539 Jul 05 j 10:10	0°♋	
desc. node	-7539 Jul 13 j 23:56	9°♋50'55	
	-7539 Aug 01 j 01:25	0°♌	
evening max el	-7539 Aug 15 j 17:13	15°♌26'31	47°45'01
	-7539 Aug 30 j 23:00	0°♍	
greatest brilliancy	-7539 Sep 25 j 23:12	17°♍25'04	-4.9m
retrograde	-7539 Oct 05 j 21:12	19°♍19'33	
evening set	-7539 Oct 20 j 19:09	14°♍47'05	
min. Earth dist.	-7539 Oct 25 j 23:42	11°♍38'47	0.27004 AU
inferior conj	-7539 Oct 26 j 14:50	11°♍15'02	-1°55'43
minimum elong	-7539 Oct 26 j 18:56	11°♍08'35	1°54'13
morning rise	-7539 Nov 01 j 19:29	7°♍32'46	
asc. node	-7539 Nov 03 j 09:34	6°♍43'13	
direct	-7539 Nov 15 j 23:33	3°♍27'16	
greatest brilliancy	-7539 Nov 25 j 08:32	5°♍08'03	-4.8m
	-7539 Dec 30 j 10:39	0°♎	
morning max el	-7538 Jan 04 j 09:30	4°♎43'34	46°09'11
	-7538 Jan 28 j 21:42	0°♏	
desc. node	-7538 Feb 23 j 22:27	28°♏49'29	
	-7538 Feb 24 j 23:20	0°♐	
	-7538 Mar 22 j 23:48	0°♑	
	-7538 Apr 17 j 07:43	0°♒	
	-7538 May 12 j 02:45	0°♓	
	-7538 Jun 05 j 11:23	0°♈	
asc. node	-7538 Jun 16 j 02:35	13°♈14'01	
morning set	-7538 Jun 29 j 16:53	0°♉15'11	
	-7538 Jun 29 j 12:03	0°♉	
	-7538 Jul 23 j 07:35	0°♊	
superior conj	-7538 Aug 07 j 08:51	19°♊01'30	1°22'58
minimum elong	-7538 Aug 07 j 06:47	18°♊54'58	1°23'26
max. Earth dist.	-7538 Aug 07 j 17:09	19°♊27'44	1.70805 AU
	-7538 Aug 16 j 01:11	0°♋	
	-7538 Sep 08 j 19:50	0°♌	
evening rise	-7538 Sep 17 j 21:22	11°♌23'51	
	-7538 Oct 02 j 17:41	0°♍	
desc. node	-7538 Oct 06 j 09:58	4°♍35'46	
	-7538 Oct 26 j 19:48	0°♎	
	-7538 Nov 20 j 02:51	0°♏	
	-7538 Dec 14 j 16:26	0°♐	
	-7537 Jan 08 j 16:48	0°♑	
asc. node	-7537 Jan 26 j 15:29	20°♑59'08	
	-7537 Feb 03 j 12:37	0°♒	
	-7537 Mar 02 j 22:38	0°♓	
evening max el	-7537 Mar 19 j 23:11	17°♓00'00	45°08'38
	-7537 Apr 03 j 17:49	0°♈	
greatest brilliancy	-7537 Apr 27 j 02:10	14°♈10'57	-4.7m
retrograde	-7537 May 07 j 07:08	16°♈00'55	
desc. node	-7537 May 19 j 05:02	13°♈18'33	
evening set	-7537 May 21 j 21:40	12°♈00'41	
inferior conj	-7537 May 28 j 09:06	8°♈18'02	-2°09'48
minimum elong	-7537 May 28 j 04:19	8°♈25'15	2°08'23
min. Earth dist.	-7537 May 28 j 22:50	7°♈57'22	0.27637 AU
morning rise	-7537 Jun 03 j 10:10	4°♈47'29	
direct	-7537 Jun 18 j 17:03	0°♈22'22	
greatest brilliancy	-7537 Jun 30 j 00:01	2°♈41'43	-4.8m
	-7537 Aug 05 j 05:33	0°♉	
morning max el	-7537 Aug 08 j 02:05	2°♉51'18	46°42'53
	-7537 Sep 02 j 03:38	0°♊	
asc. node	-7537 Sep 08 j 14:05	7°♊24'10	
	-7537 Sep 27 j 16:58	0°♋	
	-7537 Oct 22 j 10:25	0°♌	
	-7537 Nov 15 j 22:21	0°♍	
	-7537 Dec 10 j 10:52	0°♎	
desc. node	-7537 Dec 29 j 23:28	23°♎48'59	
	-7536 Jan 04 j 01:14	0°♏	
	-7536 Jan 28 j 16:07	0°♐	
morning set	-7536 Feb 12 j 11:45	18°♐05'05	
	-7536 Feb 22 j 05:42	0°♑	
max. Earth dist.	-7536 Mar 16 j 23:08	29°♑05'19	1.73679 AU
	-7536 Mar 17 j 16:56	0°♒	
superior conj	-7536 Mar 19 j 13:51	2°♒17'57	-1°03'45
minimum elong	-7536 Mar 19 j 21:44	2°♒42'11	1°03'58
	-7536 Apr 11 j 01:46	0°♓	
asc. node	-7536 Apr 20 j 02:20	11°♓08'01	
evening rise	-7536 Apr 24 j 00:38	15°♓59'12	
	-7536 May 05 j 08:42	0°♈	
	-7536 May 29 j 14:31	0°♉	
	-7536 Jun 22 j 20:25	0°♊	
	-7536 Jul 17 j 04:23	0°♋	
desc. node	-7536 Aug 10 j 11:21	29°♋41'33	
	-7536 Aug 10 j 17:26	0°♌	
	-7536 Sep 04 j 16:22	0°♍	
	-7536 Sep 30 j 11:09	0°♎	
evening max el	-7536 Oct 25 j 16:23	27°♎18'58	46°48'19
	-7536 Oct 28 j 08:15	0°♏	
asc. node	-7536 Nov 30 j 20:00	26°♏44'27	
greatest brilliancy	-7536 Dec 04 j 01:51	28°♏11'28	-4.8m
	-7536 Dec 10 j 01:33	0°♐	
retrograde	-7536 Dec 15 j 04:16	0°♐30'59	
	-7536 Dec 20 j 04:05	30°℞♏	
evening set	-7536 Dec 31 j 13:49	25°♏09'35	
inferior conj	-7535 Jan 05 j 10:59	22°♏04'46	6°58'02

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

minimum elong	-7535 Jan 05 j 03:05	22°♏17'32	6°56'29	
min. Earth dist.	-7535 Jan 04 j 18:50	22°♏30'51	0.28994 AU	
morning rise	-7535 Jan 09 j 16:47	19°♏23'53		
direct	-7535 Jan 26 j 20:50	13°♏43'24		
greatest brilliancy	-7535 Feb 04 j 18:42	15°♏10'37	-4.7m	
	-7535 Mar 01 j 11:38	0°♐		
morning max el	-7535 Mar 16 j 12:55	13°♐18'06	45°53'08	
desc. node	-7535 Mar 23 j 09:53	19°♐58'15		
	-7535 Apr 02 j 06:37	0°♑		
	-7535 Apr 29 j 18:59	0°♒		
	-7535 May 25 j 16:09	0°♓		
	-7535 Jun 19 j 14:40	0°♈		
asc. node	-7535 Jul 13 j 15:44	29°♈39'26		
	-7535 Jul 13 j 22:20	0°♉		
	-7535 Aug 06 j 20:37	0°♊		
	-7535 Aug 30 j 14:28	0°♋		
morning set	-7535 Sep 12 j 08:26	16°♋07'19		
	-7535 Sep 23 j 08:14	0°♌		
	-7535 Oct 17 j 04:56	0°♍		
superior conj	-7535 Oct 24 j 11:52	9°♍07'13	0°21'29	
minimum elong	-7535 Oct 24 j 17:40	9°♍25'21	0°21'26	
max. Earth dist.	-7535 Oct 30 j 20:24	17°♍03'20	1.71678 AU	
desc. node	-7535 Nov 02 j 23:01	20°♍55'55		
	-7535 Nov 10 j 05:48	0°♎		
	-7535 Dec 04 j 10:33	0°♏		
evening rise	-7535 Dec 05 j 13:49	1°♏24'15		
	-7535 Dec 28 j 18:41	0°♐		
	-7534 Jan 22 j 06:44	0°♑		
	-7534 Feb 16 j 00:43	0°♒		
asc. node	-7534 Feb 23 j 03:15	8°♒32'09		
	-7534 Mar 13 j 03:53	0°♓		
	-7534 Apr 07 j 20:57	0°♈		
	-7534 May 04 j 13:12	0°♉		
evening max el	-7534 May 31 j 22:20	28°♉33'12	46°33'36	
	-7534 Jun 02 j 10:09	0°♊		
desc. node	-7534 Jun 15 j 15:31	12°♊02'49		
greatest brilliancy	-7534 Jul 11 j 20:34	28°♊35'00	-4.9m	
	-7534 Jul 18 j 07:01	0°♋		
retrograde	-7534 Jul 21 j 00:03	0°♋08'35		
	-7534 Jul 23 j 16:21	30°℞♊		
evening set	-7534 Aug 07 j 21:55	24°♊10'06		
inferior conj	-7534 Aug 10 j 17:49	22°♊28'37	-8°59'23	
minimum elong	-7534 Aug 10 j 17:34	22°♊28'59	8°58'53	
min. Earth dist.	-7534 Aug 10 j 15:55	22°♊31'29	0.26647 AU	
morning rise	-7534 Aug 13 j 13:10	20°♊47'49		
direct	-7534 Aug 31 j 01:59	14°♊54'23		
greatest brilliancy	-7534 Sep 10 j 12:56	16°♊58'32	-4.9m	
	-7534 Oct 01 j 02:36	0°♋		
asc. node	-7534 Oct 06 j 01:07	4°♋14'56		
morning max el	-7534 Oct 20 j 17:31	18°♋21'50	46°41'25	
	-7534 Oct 31 j 18:55	0°♌		
	-7534 Nov 27 j 13:16	0°♍		
	-7534 Dec 23 j 07:27	0°♎		
	-7533 Jan 17 j 17:01	0°♏		
desc. node	-7533 Jan 26 j 12:23	10°♏27'59		
	-7533 Feb 11 j 21:18	0°♐		
	-7533 Mar 08 j 20:04	0°♑		
	-7533 Apr 02 j 12:42	0°♒		
morning set	-7533 Apr 20 j 07:24	21°♒47'41		
	-7533 Apr 26 j 23:13	0°♓		
asc. node	-7533 May 18 j 15:25	26°♓50'50		
	-7533 May 21 j 04:15	0°♈		
max. Earth dist.	-7533 May 21 j 14:26	0°♈31'42	1.72401 AU	
superior conj	-7533 May 26 j 00:43	6°♈02'38	0°17'09	
minimum elong	-7533 May 25 j 21:22	5°♈52'10	0°16'59	
	-7533 Jun 14 j 04:58	0°♉		
evening rise	-7533 Jul 01 j 14:34	21°♉48'55		
	-7533 Jul 08 j 03:05	0°♊		
	-7533 Aug 01 j 00:51	0°♋		
	-7533 Aug 25 j 00:41	0°♌		
desc. node	-7533 Sep 07 j 23:24	17°♌20'51		
	-7533 Sep 18 j 04:39	0°♍		
	-7533 Oct 12 j 14:57	0°♎		
	-7533 Nov 06 j 11:26	0°♏		
	-7533 Dec 02 j 03:43	0°♐		
asc. node	-7533 Dec 29 j 06:41	29°♐30'07		
	-7533 Dec 29 j 18:24	0°♑		
evening max el	-7532 Jan 05 j 06:39	6°♑29'13	45°17'47	
	-7532 Feb 03 j 03:34	0°♒		
greatest brilliancy	-7532 Feb 11 j 23:46	4°♒17'32	-4.7m	
retrograde	-7532 Feb 22 j 17:47	6°♒22'29		
evening set	-7532 Mar 10 j 17:30	0°♒54'08		
	-7532 Mar 12 j 05:46	30°℞♑		
inferior conj	-7532 Mar 15 j 04:39	28°♑10'06	6°47'34	
minimum elong	-7532 Mar 15 j 12:44	27°♑57'27	6°45'53	
min. Earth dist.	-7532 Mar 16 j 02:09	27°♑36'26	0.29373 AU	
morning rise	-7532 Mar 20 j 07:38	25°♑01'53		
direct	-7532 Apr 06 j 03:08	19°♑41'01		
greatest brilliancy	-7532 Apr 16 j 23:42	21°♑47'18	-4.7m	
desc. node	-7532 Apr 19 j 20:36	22°♑57'41		
	-7532 May 01 j 22:02	0°♒		
morning max el	-7532 May 25 j 13:46	20°♒12'30	46°11'32	
	-7532 Jun 04 j 07:56	0°♓		
	-7532 Jul 01 j 16:44	0°♈		
	-7532 Jul 27 j 03:39	0°♉		
asc. node	-7532 Aug 10 j 04:21	17°♉04'21		
	-7532 Aug 20 j 15:59	0°♊		
	-7532 Sep 13 j 17:20	0°♋		
	-7532 Oct 07 j 15:23	0°♌		
	-7532 Oct 31 j 15:05	0°♍		
	-7532 Nov 24 j 18:32	0°♎		
morning set	-7532 Nov 28 j 19:30	5°♎00'03		
desc. node	-7532 Nov 30 j 12:18	7°♎06'12		
	-7532 Dec 19 j 01:30	0°♏		
superior conj	-7531 Jan 08 j 03:52	24°♏44'13	-1°12'02	
minimum elong	-7531 Jan 07 j 19:47	24°♏19'23	1°12'15	
max. Earth dist.	-7531 Jan 09 j 12:03	26°♏23'10	1.73359 AU	
	-7531 Jan 12 j 10:36	0°♐		
	-7531 Feb 05 j 20:47	0°♑		
evening rise	-7531 Feb 14 j 11:33	10°♑34'22		
greatest brilliancy	-7531 Feb 22 j 18:37	20°♑44'32	-3.9m	
	-7531 Mar 02 j 07:57	0°♒		
asc. node	-7531 Mar 22 j 15:32	24°♒50'50		
	-7531 Mar 26 j 20:53	0°♓		
	-7531 Apr 20 j 12:36	0°♈		
	-7531 May 15 j 08:24	0°♉		
	-7531 Jun 09 j 10:47	0°♊		
	-7531 Jul 05 j 01:43	0°♋		
desc. node	-7531 Jul 13 j 02:13	9°♋10'46		
	-7531 Jul 31 j 20:47	0°♌		
evening max el	-7531 Aug 13 j 09:19	13°♌07'05	47°44'51	
	-7531 Aug 31 j 08:06	0°♍		
greatest brilliancy	-7531 Sep 23 j 14:13	15°♍00'00	-4.9m	
retrograde	-7531 Oct 03 j 11:55	16°♍53'39		
evening set	-7531 Oct 18 j 10:53	12°♍19'29		
min. Earth dist.	-7531 Oct 23 j 13:59	9°♍13'13	0.26952 AU	
inferior conj	-7531 Oct 24 j 04:41	8°♍50'09	-2°17'59	
minimum elong	-7531 Oct 24 j 09:33	8°♍42'31	2°16'16	
morning rise	-7531 Oct 30 j 09:02	5°♍08'49		
asc. node	-7531 Nov 02 j 11:37	3°♍36'19		
direct	-7531 Nov 13 j 13:32	1°♍03'41		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

greatest brilliancy	-7531 Nov 22 j 22:15	2°♍44'41	-4.8m
	-7531 Dec 30 j 11:35	0°♎	
morning max el	-7530 Jan 02 j 00:33	2°♎27'02	46°10'05
	-7530 Jan 28 j 14:31	0°♏	
desc. node	-7530 Feb 23 j 00:35	28°♏15'30	
	-7530 Feb 24 j 13:21	0°♐	
	-7530 Mar 22 j 12:28	0°♑	
	-7530 Apr 16 j 19:38	0°♒	
	-7530 May 11 j 14:15	0°♓	
	-7530 Jun 04 j 22:41	0°♈	
asc. node	-7530 Jun 15 j 04:46	12°♈45'36	
morning set	-7530 Jun 27 j 08:04	27°♈56'56	
	-7530 Jun 28 j 23:18	0°♉	
	-7530 Jul 22 j 18:53	0°♊	
superior conj	-7530 Aug 04 j 20:59	16°♊32'18	1°22'31
minimum elong	-7530 Aug 04 j 18:00	16°♊22'53	1°22'58
max. Earth dist.	-7530 Aug 04 j 17:38	16°♊21'45	1.70826 AU
	-7530 Aug 15 j 12:34	0°♋	
	-7530 Sep 08 j 07:17	0°♌	
evening rise	-7530 Sep 15 j 05:10	8°♌41'32	
	-7530 Oct 02 j 05:11	0°♍	
desc. node	-7530 Oct 05 j 12:00	4°♍06'08	
	-7530 Oct 26 j 07:23	0°♎	
	-7530 Nov 19 j 14:35	0°♏	
	-7530 Dec 14 j 04:31	0°♐	
	-7529 Jan 08 j 05:37	0°♑	
asc. node	-7529 Jan 25 j 17:42	20°♑25'53	
	-7529 Feb 03 j 03:02	0°♒	
	-7529 Mar 02 j 17:02	0°♓	
evening max el	-7529 Mar 17 j 13:41	14°♓45'05	45°06'58
	-7529 Apr 04 j 05:11	0°♈	
greatest brilliancy	-7529 Apr 24 j 16:05	11°♈54'13	-4.7m
retrograde	-7529 May 04 j 20:03	13°♈43'37	
desc. node	-7529 May 18 j 07:14	10°♈18'43	
evening set	-7529 May 19 j 11:18	9°♈43'30	
inferior conj	-7529 May 25 j 23:06	6°♈00'17	-1°48'31
minimum elong	-7529 May 25 j 19:04	6°♈06'22	1°47'21
min. Earth dist.	-7529 May 26 j 14:09	5°♈37'35	0.27693 AU
morning rise	-7529 Jun 01 j 01:56	2°♈26'46	
	-7529 Jun 06 j 08:01	30°♑♓	
direct	-7529 Jun 16 j 07:26	28°♓03'21	
	-7529 Jun 26 j 15:09	0°♈	
greatest brilliancy	-7529 Jun 27 j 15:44	0°♈23'13	-4.8m
	-7529 Aug 05 j 05:06	0°♉	
morning max el	-7529 Aug 05 j 14:46	0°♉24'21	46°42'06
	-7529 Sep 01 j 20:25	0°♊	
asc. node	-7529 Sep 07 j 16:14	6°♊43'51	
	-7529 Sep 27 j 07:21	0°♋	
	-7529 Oct 21 j 23:36	0°♌	
	-7529 Nov 15 j 10:48	0°♍	
	-7529 Dec 09 j 22:48	0°♎	
desc. node	-7529 Dec 29 j 01:42	23°♎20'24	
	-7528 Jan 03 j 12:46	0°♏	
	-7528 Jan 28 j 03:22	0°♐	
morning set	-7528 Feb 10 j 05:16	15°♐58'03	
	-7528 Feb 21 j 16:45	0°♑	
max. Earth dist.	-7528 Mar 14 j 19:04	27°♑05'24	1.73700 AU
superior conj	-7528 Mar 17 j 09:23	0°♒16'46	-1°05'33
minimum elong	-7528 Mar 17 j 17:08	0°♒40'35	1°05'48
	-7528 Mar 17 j 03:55	0°♒	
	-7528 Apr 10 j 12:49	0°♓	
asc. node	-7528 Apr 19 j 04:23	10°♓40'05	
evening rise	-7528 Apr 21 j 20:19	13°♓57'21	
	-7528 May 04 j 19:56	0°♈	
	-7528 May 29 j 02:03	0°♉	
	-7528 Jun 22 j 08:20	0°♊	
	-7528 Jul 16 j 16:49	0°♋	
desc. node	-7528 Aug 09 j 13:31	29°♋08'10	
	-7528 Aug 10 j 06:37	0°♌	
	-7528 Sep 04 j 06:44	0°♍	
	-7528 Sep 30 j 03:49	0°♎	
evening max el	-7528 Oct 23 j 07:08	24°♎58'56	46°51'44
	-7528 Oct 28 j 07:27	0°♏	
asc. node	-7528 Nov 29 j 22:22	25°♏11'52	
greatest brilliancy	-7528 Dec 01 j 20:02	26°♏00'47	-4.8m
retrograde	-7528 Dec 12 j 21:16	28°♏19'52	
evening set	-7528 Dec 29 j 04:25	23°♏02'17	
min. Earth dist.	-7527 Jan 02 j 11:17	20°♏21'04	0.28930 AU
inferior conj	-7527 Jan 03 j 04:02	19°♏54'01	6°48'11
minimum elong	-7527 Jan 02 j 19:51	20°♏07'14	6°46'33
morning rise	-7527 Jan 07 j 11:43	17°♏10'15	
direct	-7527 Jan 24 j 12:23	11°♏33'32	
greatest brilliancy	-7527 Feb 02 j 10:46	13°♏00'58	-4.7m
	-7527 Mar 01 j 18:30	0°♐	
morning max el	-7527 Mar 14 j 04:10	11°♐06'52	45°53'09
desc. node	-7527 Mar 22 j 11:59	19°♐13'35	
	-7527 Apr 02 j 00:15	0°♑	
	-7527 Apr 29 j 09:14	0°♒	
	-7527 May 25 j 04:58	0°♓	
	-7527 Jun 19 j 02:48	0°♈	
asc. node	-7527 Jul 12 j 17:57	29°♈09'41	
	-7527 Jul 13 j 10:06	0°♉	
	-7527 Aug 06 j 08:11	0°♊	
	-7527 Aug 30 j 01:56	0°♋	
morning set	-7527 Sep 09 j 18:27	13°♋31'03	
	-7527 Sep 22 j 19:39	0°♌	
	-7527 Oct 16 j 16:20	0°♍	
superior conj	-7527 Oct 21 j 20:24	6°♍28'18	0°25'18
minimum elong	-7527 Oct 22 j 03:10	6°♍49'27	0°25'15
max. Earth dist.	-7527 Oct 28 j 03:05	14°♍18'59	1.71615 AU
desc. node	-7527 Nov 02 j 01:06	20°♍26'58	
	-7527 Nov 09 j 17:10	0°♎	
evening rise	-7527 Dec 03 j 01:46	28°♎57'51	
	-7527 Dec 03 j 21:53	0°♏	
	-7527 Dec 28 j 06:02	0°♐	
	-7526 Jan 21 j 18:13	0°♑	
	-7526 Feb 15 j 12:35	0°♒	
asc. node	-7526 Feb 22 j 05:25	8°♒02'38	
	-7526 Mar 12 j 16:33	0°♓	
	-7526 Apr 07 j 11:06	0°♈	
	-7526 May 04 j 06:22	0°♉	
evening max el	-7526 May 29 j 10:52	26°♉07'50	46°29'56
	-7526 Jun 02 j 11:41	0°♊	
desc. node	-7526 Jun 14 j 17:49	10°♊54'59	
greatest brilliancy	-7526 Jul 09 j 07:09	26°♊03'45	-4.9m
retrograde	-7526 Jul 18 j 12:02	27°♊38'31	
evening set	-7526 Aug 05 j 08:00	21°♊42'26	
inferior conj	-7526 Aug 08 j 05:41	19°♊58'38	-8°58'01
minimum elong	-7526 Aug 08 j 04:27	20°♊00'30	8°57'32
min. Earth dist.	-7526 Aug 08 j 03:41	20°♊01'39	0.26667 AU
morning rise	-7526 Aug 11 j 00:51	18°♊18'26	
direct	-7526 Aug 28 j 14:36	12°♊24'00	
greatest brilliancy	-7526 Sep 08 j 02:05	14°♊29'08	-4.9m
	-7526 Oct 01 j 14:04	0°♋	
asc. node	-7526 Oct 05 j 03:16	3°♋09'16	
morning max el	-7526 Oct 18 j 07:16	15°♋55'05	46°42'14
	-7526 Oct 31 j 14:29	0°♌	
	-7526 Nov 27 j 04:46	0°♍	
	-7526 Dec 22 j 21:05	0°♎	
	-7525 Jan 17 j 05:34	0°♏	
desc. node	-7525 Jan 25 j 14:26	9°♏57'29	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7525 Feb 11 j 09:08	0°♐	
	-7525 Mar 08 j 07:26	0°♑	
	-7525 Apr 01 j 23:47	0°♒	
morning set	-7525 Apr 18 j 02:58	19°♒46'28	
	-7525 Apr 26 j 10:11	0°♓	
asc. node	-7525 May 17 j 17:42	26°♓23'51	
max. Earth dist.	-7525 May 19 j 10:17	28°♓29'59	1.72463 AU
	-7525 May 20 j 15:14	0°♈	
superior conj	-7525 May 23 j 19:03	3°♈55'58	0°14'06
minimum elong	-7525 May 23 j 16:17	3°♈47'21	0°13'58
behind sun begin	-7525 May 23 j 05:20	3°♈13'17	
behind sun end	-7525 May 24 j 03:13	4°♈21'26	
	-7525 Jun 13 j 16:04	0°♉	
evening rise	-7525 Jun 29 j 06:35	19°♉33'21	
	-7525 Jul 07 j 14:22	0°♊	
	-7525 Jul 31 j 12:23	0°♋	
	-7525 Aug 24 j 12:29	0°♌	
desc. node	-7525 Sep 07 j 01:27	16°♌50'07	
	-7525 Sep 17 j 16:46	0°♍	
	-7525 Oct 12 j 03:30	0°♎	
	-7525 Nov 06 j 00:49	0°♏	
	-7525 Dec 01 j 18:50	0°♐	
asc. node	-7525 Dec 28 j 08:56	28°♐45'27	
	-7525 Dec 29 j 14:26	0°♑	
evening max el	-7524 Jan 02 j 23:13	4°♑19'30	45°20'01
	-7524 Feb 04 j 16:50	0°♒	
greatest brilliancy	-7524 Feb 09 j 15:54	2°♒10'30	-4.7m
retrograde	-7524 Feb 20 j 11:06	4°♒16'14	
	-7524 Mar 06 j 07:15	30°℞♑	
evening set	-7524 Mar 08 j 12:38	28°♑44'20	
inferior conj	-7524 Mar 12 j 21:39	26°♑02'55	6°57'11
minimum elong	-7524 Mar 13 j 05:26	25°♑50'41	6°55'38
min. Earth dist.	-7524 Mar 13 j 17:49	25°♑31'14	0.29404 AU
morning rise	-7524 Mar 17 j 22:00	22°♑58'21	
direct	-7524 Apr 03 j 20:46	17°♑33'34	
greatest brilliancy	-7524 Apr 14 j 14:25	19°♑37'34	-4.7m
desc. node	-7524 Apr 18 j 22:46	21°♑28'43	
	-7524 May 02 j 13:30	0°♒	
morning max el	-7524 May 23 j 06:34	18°♒03'18	46°10'26
	-7524 Jun 04 j 02:47	0°♓	
	-7524 Jul 01 j 07:31	0°♈	
	-7524 Jul 26 j 16:49	0°♉	
asc. node	-7524 Aug 09 j 06:28	16°♉31'55	
	-7524 Aug 20 j 04:23	0°♊	
	-7524 Sep 13 j 05:19	0°♋	
	-7524 Oct 07 j 03:07	0°♌	
	-7524 Oct 31 j 02:35	0°♍	
	-7524 Nov 24 j 05:50	0°♎	
morning set	-7524 Nov 26 j 06:38	2°♎31'04	
desc. node	-7524 Nov 29 j 14:33	6°♎38'19	
	-7524 Dec 18 j 12:37	0°♏	
superior conj	-7523 Jan 05 j 18:38	22°♏28'04	-1°10'24
minimum elong	-7523 Jan 05 j 10:06	22°♏01'49	1°10'33
max. Earth dist.	-7523 Jan 07 j 09:18	24°♏26'57	1.73319 AU
	-7523 Jan 11 j 21:37	0°♐	
	-7523 Feb 05 j 07:47	0°♑	
evening rise	-7523 Feb 12 j 05:29	8°♑28'26	
greatest brilliancy	-7523 Feb 21 j 19:09	20°♑12'22	-3.9m
	-7523 Mar 01 j 19:02	0°♒	
asc. node	-7523 Mar 21 j 17:40	24°♒23'01	
	-7523 Mar 26 j 08:11	0°♓	
	-7523 Apr 20 j 00:19	0°♈	
	-7523 May 14 j 20:50	0°♉	
	-7523 Jun 09 j 00:20	0°♊	
	-7523 Jul 04 j 17:12	0°♋	
desc. node	-7523 Jul 12 j 04:20	8°♋30'29	
	-7523 Jul 31 j 16:26	0°♌	
evening max el	-7523 Aug 11 j 00:52	10°♌46'36	47°44'09
	-7523 Aug 31 j 20:09	0°♍	
greatest brilliancy	-7523 Sep 21 j 05:24	12°♍34'45	-4.9m
retrograde	-7523 Oct 01 j 01:56	14°♍26'50	
evening set	-7523 Oct 16 j 02:34	9°♍51'00	
min. Earth dist.	-7523 Oct 21 j 04:19	6°♍46'28	0.26906 AU
inferior conj	-7523 Oct 21 j 18:18	6°♍24'31	-2°40'15
minimum elong	-7523 Oct 21 j 23:54	6°♍15'44	2°38'19
morning rise	-7523 Oct 27 j 22:03	2°♍44'09	
asc. node	-7523 Nov 01 j 14:00	0°♍32'43	
	-7523 Nov 03 j 02:11	30°℞♌	
direct	-7523 Nov 11 j 03:04	28°♌39'22	
	-7523 Nov 19 j 10:55	0°♍	
greatest brilliancy	-7523 Nov 20 j 12:10	0°♍20'44	-4.8m
	-7523 Dec 30 j 11:24	0°♎	
morning max el	-7523 Dec 30 j 14:27	0°♎07'25	46°11'04
	-7522 Jan 28 j 06:58	0°♏	
desc. node	-7522 Feb 22 j 02:42	27°♏42'03	
	-7522 Feb 24 j 03:07	0°♐	
	-7522 Mar 22 j 00:55	0°♑	
	-7522 Apr 16 j 07:21	0°♒	
	-7522 May 11 j 01:32	0°♓	
	-7522 Jun 04 j 09:44	0°♈	
asc. node	-7522 Jun 14 j 06:59	12°♈18'08	
morning set	-7522 Jun 24 j 23:54	25°♈41'36	
	-7522 Jun 28 j 10:17	0°♉	
	-7522 Jul 22 j 05:54	0°♊	
superior conj	-7522 Aug 02 j 09:51	14°♊06'25	1°21'54
minimum elong	-7522 Aug 02 j 06:01	13°♊54'20	1°22'21
max. Earth dist.	-7522 Aug 01 j 19:54	13°♊22'21	1.70853 AU
	-7522 Aug 14 j 23:39	0°♋	
	-7522 Sep 07 j 18:28	0°♌	
evening rise	-7522 Sep 12 j 13:23	6°♌01'15	
	-7522 Oct 01 j 16:29	0°♍	
desc. node	-7522 Oct 04 j 14:09	3°♍37'33	
	-7522 Oct 25 j 18:50	0°♎	
	-7522 Nov 19 j 02:14	0°♏	
	-7522 Dec 13 j 16:32	0°♐	
	-7521 Jan 07 j 18:23	0°♑	
asc. node	-7521 Jan 24 j 19:51	19°♑52'36	
	-7521 Feb 02 j 17:28	0°♒	
	-7521 Mar 02 j 11:44	0°♓	
evening max el	-7521 Mar 15 j 03:18	12°♓28'45	45°05'33
	-7521 Apr 04 j 19:59	0°♈	
greatest brilliancy	-7521 Apr 22 j 05:53	9°♈38'13	-4.7m
retrograde	-7521 May 02 j 09:16	11°♈27'34	
evening set	-7521 May 17 j 01:08	7°♈26'55	
desc. node	-7521 May 17 j 09:34	7°♈15'57	
inferior conj	-7521 May 23 j 13:09	3°♈43'38	-1°27'13
minimum elong	-7521 May 23 j 09:53	3°♈48'33	1°26'17
min. Earth dist.	-7521 May 24 j 05:36	3°♈18'48	0.27749 AU
morning rise	-7521 May 29 j 17:37	0°♈07'32	
	-7521 May 29 j 23:15	30°℞♓	
direct	-7521 Jun 13 j 21:35	25°♓45'15	
greatest brilliancy	-7521 Jun 25 j 07:48	28°♓06'22	-4.8m
	-7521 Jun 29 j 12:19	0°♈	
morning max el	-7521 Aug 03 j 04:03	28°♈00'11	46°41'34
	-7521 Aug 05 j 03:16	0°♉	
	-7521 Sep 01 j 12:30	0°♊	
asc. node	-7521 Sep 06 j 18:26	6°♊05'18	
	-7521 Sep 26 j 21:12	0°♋	
	-7521 Oct 21 j 12:21	0°♌	
	-7521 Nov 14 j 22:54	0°♍	
	-7521 Dec 09 j 10:28	0°♎	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

desc. node	-7521 Dec 28 j 03:44	22°♎51'51	
	-7520 Jan 03 j 00:06	0°♏	
	-7520 Jan 27 j 14:24	0°♐	
morning set	-7520 Feb 07 j 22:07	13°♐49'32	
	-7520 Feb 21 j 03:36	0°♑	
max. Earth dist.	-7520 Mar 12 j 15:17	25°♑07'04	1.73717 AU
superior conj	-7520 Mar 15 j 04:30	28°♑15'00	-1°07'17
minimum elong	-7520 Mar 15 j 12:05	28°♑38'20	1°07'33
	-7520 Mar 16 j 14:41	0°♒	
	-7520 Apr 09 j 23:38	0°♓	
asc. node	-7520 Apr 18 j 06:38	10°♓13'32	
evening rise	-7520 Apr 19 j 15:48	11°♓55'50	
	-7520 May 04 j 06:57	0°♈	
	-7520 May 28 j 13:21	0°♉	
	-7520 Jun 21 j 20:00	0°♊	
	-7520 Jul 16 j 04:59	0°♋	
desc. node	-7520 Aug 08 j 15:38	28°♋35'37	
	-7520 Aug 09 j 19:30	0°♌	
	-7520 Sep 03 j 20:48	0°♍	
	-7520 Sep 29 j 20:17	0°♎	
evening max el	-7520 Oct 20 j 21:55	22°♎40'08	46°54'59
	-7520 Oct 28 j 07:12	0°♏	
asc. node	-7520 Nov 29 j 00:36	23°♏36'24	
greatest brilliancy	-7520 Nov 29 j 13:24	23°♏49'29	-4.8m
retrograde	-7520 Dec 10 j 14:18	26°♏08'57	
evening set	-7520 Dec 26 j 18:46	20°♏54'51	
min. Earth dist.	-7520 Dec 31 j 03:21	18°♏11'27	0.28872 AU
inferior conj	-7520 Dec 31 j 20:53	17°♏43'12	6°37'37
minimum elong	-7520 Dec 31 j 12:28	17°♏56'46	6°35'51
morning rise	-7519 Jan 05 j 06:36	14°♏56'31	
direct	-7519 Jan 22 j 03:56	9°♏23'25	
greatest brilliancy	-7519 Jan 31 j 02:37	10°♏51'13	-4.7m
	-7519 Mar 01 j 23:09	0°♐	
morning max el	-7519 Mar 11 j 20:08	8°♐57'39	45°53'12
desc. node	-7519 Mar 21 j 14:11	18°♐30'10	
	-7519 Apr 01 j 17:21	0°♑	
	-7519 Apr 28 j 23:08	0°♒	
	-7519 May 24 j 17:29	0°♓	
	-7519 Jun 18 j 14:37	0°♈	
asc. node	-7519 Jul 11 j 19:58	28°♈40'16	
	-7519 Jul 12 j 21:34	0°♉	
greatest brilliancy	-7519 Jul 22 j 07:28	11°♉46'08	-3.9m
	-7519 Aug 05 j 19:27	0°♊	
	-7519 Aug 29 j 13:06	0°♋	
morning set	-7519 Sep 07 j 04:51	10°♋56'57	
	-7519 Sep 22 j 06:46	0°♌	
	-7519 Oct 16 j 03:24	0°♍	
superior conj	-7519 Oct 19 j 05:13	3°♍51'10	0°29'02
minimum elong	-7519 Oct 19 j 12:54	4°♍15'11	0°28'58
max. Earth dist.	-7519 Oct 25 j 10:38	11°♍38'18	1.71552 AU
desc. node	-7519 Nov 01 j 03:19	19°♍59'35	
	-7519 Nov 09 j 04:11	0°♎	
evening rise	-7519 Nov 30 j 13:51	26°♎32'52	
	-7519 Dec 03 j 08:52	0°♏	
	-7519 Dec 27 j 17:04	0°♐	
	-7518 Jan 21 j 05:28	0°♑	
	-7518 Feb 15 j 00:17	0°♒	
asc. node	-7518 Feb 21 j 07:33	7°♒33'33	
	-7518 Mar 12 j 05:06	0°♓	
	-7518 Apr 07 j 01:13	0°♈	
	-7518 May 03 j 23:41	0°♉	
evening max el	-7518 May 27 j 00:13	23°♉45'20	46°26'24
	-7518 Jun 02 j 14:20	0°♊	
desc. node	-7518 Jun 13 j 19:55	9°♊45'28	
greatest brilliancy	-7518 Jul 06 j 17:10	23°♊32'52	-4.9m
retrograde	-7518 Jul 16 j 00:17	25°♊09'04	
evening set	-7518 Aug 02 j 17:33	19°♊16'12	
inferior conj	-7518 Aug 05 j 17:29	17°♊29'15	-8°55'46
minimum elong	-7518 Aug 05 j 15:15	17°♊32'35	8°55'13
min. Earth dist.	-7518 Aug 05 j 15:02	17°♊32'54	0.26684 AU
morning rise	-7518 Aug 08 j 12:56	15°♊48'52	
direct	-7518 Aug 26 j 03:33	9°♊54'30	
greatest brilliancy	-7518 Sep 05 j 14:33	11°♊59'37	-4.9m
	-7518 Oct 01 j 22:17	0°♋	
asc. node	-7518 Oct 04 j 05:34	2°♋06'19	
morning max el	-7518 Oct 15 j 21:14	13°♋29'43	46°43'06
	-7518 Oct 31 j 09:13	0°♌	
	-7518 Nov 26 j 19:45	0°♍	
	-7518 Dec 22 j 10:18	0°♎	
	-7517 Jan 16 j 17:44	0°♏	
desc. node	-7517 Jan 24 j 16:32	9°♏28'08	
	-7517 Feb 10 j 20:41	0°♐	
	-7517 Mar 07 j 18:35	0°♑	
	-7517 Apr 01 j 10:43	0°♒	
morning set	-7517 Apr 15 j 22:19	17°♒45'02	
	-7517 Apr 25 j 21:01	0°♓	
asc. node	-7517 May 16 j 19:50	25°♓56'49	
max. Earth dist.	-7517 May 17 j 03:58	26°♓22'06	1.72522 AU
	-7517 May 20 j 02:04	0°♈	
superior conj	-7517 May 21 j 13:10	1°♈49'11	0°11'02
minimum elong	-7517 May 21 j 11:01	1°♈42'28	0°10'53
behind sun begin	-7517 May 20 j 18:29	0°♈51'04	
behind sun end	-7517 May 22 j 03:32	2°♈33'53	
	-7517 Jun 13 j 03:00	0°♉	
evening rise	-7517 Jun 26 j 22:28	17°♉17'59	
	-7517 Jul 07 j 01:30	0°♊	
	-7517 Jul 30 j 23:45	0°♋	
	-7517 Aug 24 j 00:08	0°♌	
desc. node	-7517 Sep 06 j 03:39	16°♌20'21	
	-7517 Sep 17 j 04:44	0°♍	
	-7517 Oct 11 j 15:56	0°♎	
	-7517 Nov 05 j 14:04	0°♏	
	-7517 Dec 01 j 09:55	0°♐	
asc. node	-7517 Dec 27 j 11:05	28°♐00'40	
	-7517 Dec 29 j 10:49	0°♑	
evening max el	-7517 Dec 31 j 15:35	2°♑09'54	45°22'15
	-7516 Feb 07 j 03:26	0°♒	
greatest brilliancy	-7516 Feb 07 j 08:34	0°♒04'48	-4.7m
retrograde	-7516 Feb 18 j 04:01	2°♒10'38	
	-7516 Feb 28 j 15:42	30°℞♑	
evening set	-7516 Mar 06 j 07:45	26°♑35'26	
inferior conj	-7516 Mar 10 j 14:44	23°♑56'28	7°06'14
minimum elong	-7516 Mar 10 j 22:09	23°♑44'46	7°04'46
min. Earth dist.	-7516 Mar 11 j 09:43	23°♑26'33	0.29437 AU
morning rise	-7516 Mar 15 j 12:23	20°♑55'21	
direct	-7516 Apr 01 j 14:18	15°♑26'49	
greatest brilliancy	-7516 Apr 12 j 05:18	17°♑28'20	-4.7m
desc. node	-7516 Apr 18 j 01:05	20°♑03'03	
	-7516 May 03 j 01:00	0°♒	
morning max el	-7516 May 20 j 22:36	15°♒52'20	46°09'15
	-7516 Jun 03 j 21:11	0°♓	
	-7516 Jun 30 j 22:08	0°♈	
	-7516 Jul 26 j 05:52	0°♉	
asc. node	-7516 Aug 08 j 08:41	16°♉00'01	
	-7516 Aug 19 j 16:41	0°♊	
	-7516 Sep 12 j 17:12	0°♋	
	-7516 Oct 06 j 14:43	0°♌	
	-7516 Oct 30 j 13:59	0°♍	
morning set	-7516 Nov 23 j 17:48	0°♎02'22	
	-7516 Nov 23 j 17:02	0°♎	
desc. node	-7516 Nov 28 j 16:32	6°♎09'53	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7516 Dec 17 j 23:40	0°♏	
superior conj	-7515 Jan 03 j 09:29	20°♏12'24	-1°08'38
minimum elong	-7515 Jan 03 j 00:32	19°♏44'53	1°08'45
max. Earth dist.	-7515 Jan 05 j 07:02	22°♏32'29	1.73273 AU
	-7515 Jan 11 j 08:33	0°♐	
	-7515 Feb 04 j 18:40	0°♑	
evening rise	-7515 Feb 09 j 23:32	6°♑23'09	
greatest brilliancy	-7515 Feb 20 j 19:10	19°♑38'58	-3.9m
	-7515 Mar 01 j 06:01	0°♒	
asc. node	-7515 Mar 20 j 19:57	23°♒55'52	
	-7515 Mar 25 j 19:26	0°♓	
	-7515 Apr 19 j 12:05	0°♈	
	-7515 May 14 j 09:23	0°♉	
	-7515 Jun 08 j 14:06	0°♊	
	-7515 Jul 04 j 09:01	0°♋	
desc. node	-7515 Jul 11 j 06:30	7°♋49'34	
	-7515 Jul 31 j 12:45	0°♌	
evening max el	-7515 Aug 08 j 15:15	8°♌22'56	47°43'26
	-7515 Sep 01 j 12:13	0°♍	
greatest brilliancy	-7515 Sep 18 j 21:02	10°♍09'51	-4.9m
retrograde	-7515 Sep 28 j 15:27	11°♍59'46	
evening set	-7515 Oct 13 j 18:22	7°♍22'04	
inferior conj	-7515 Oct 19 j 07:54	3°♍58'47	-3°02'23
minimum elong	-7515 Oct 19 j 14:12	3°♍48'54	3°00'13
min. Earth dist.	-7515 Oct 18 j 18:55	4°♍19'11	0.26860 AU
morning rise	-7515 Oct 25 j 10:47	0°♍19'31	
	-7515 Oct 26 j 01:26	30°℞♌	
asc. node	-7515 Oct 31 j 16:14	27°♌34'12	
direct	-7515 Nov 08 j 16:03	26°♌14'44	
greatest brilliancy	-7515 Nov 18 j 02:33	27°♌57'00	-4.9m
	-7515 Nov 22 j 23:39	0°♍	
morning max el	-7515 Dec 28 j 03:38	27°♍45'41	46°12'11
	-7515 Dec 30 j 10:14	0°♎	
	-7514 Jan 27 j 23:08	0°♏	
desc. node	-7514 Feb 21 j 04:52	27°♏08'55	
	-7514 Feb 23 j 16:46	0°♐	
	-7514 Mar 21 j 13:17	0°♑	
	-7514 Apr 15 j 19:01	0°♒	
	-7514 May 10 j 12:50	0°♓	
	-7514 Jun 03 j 20:53	0°♈	
asc. node	-7514 Jun 13 j 09:01	11°♈49'44	
morning set	-7514 Jun 22 j 15:38	23°♈25'35	
	-7514 Jun 27 j 21:26	0°♉	
	-7514 Jul 21 j 17:06	0°♊	
max. Earth dist.	-7514 Jul 29 j 23:34	10°♊26'51	1.70886 AU
superior conj	-7514 Jul 30 j 22:31	11°♊39'21	1°21'09
minimum elong	-7514 Jul 30 j 17:54	11°♊24'45	1°21'34
	-7514 Aug 14 j 10:56	0°♋	
	-7514 Sep 07 j 05:49	0°♌	
evening rise	-7514 Sep 09 j 21:24	3°♌19'53	
	-7514 Oct 01 j 03:56	0°♍	
desc. node	-7514 Oct 03 j 16:20	3°♍08'35	
	-7514 Oct 25 j 06:25	0°♎	
	-7514 Nov 18 j 14:02	0°♏	
	-7514 Dec 13 j 04:42	0°♐	
	-7513 Jan 07 j 07:20	0°♑	
asc. node	-7513 Jan 23 j 22:07	19°♑19'09	
	-7513 Feb 02 j 08:10	0°♒	
	-7513 Mar 02 j 06:59	0°♓	
evening max el	-7513 Mar 12 j 17:06	10°♓12'59	45°04'23
	-7513 Apr 05 j 15:40	0°♈	
greatest brilliancy	-7513 Apr 19 j 19:17	7°♈22'18	-4.7m
retrograde	-7513 Apr 29 j 23:12	9°♈12'25	
evening set	-7513 May 14 j 15:25	5°♈10'40	
desc. node	-7513 May 16 j 11:35	4°♈11'24	
inferior conj	-7513 May 21 j 03:27	1°♈27'29	-1°06'05
minimum elong	-7513 May 21 j 00:58	1°♈31'13	1°05'23
min. Earth dist.	-7513 May 21 j 21:01	1°♈00'59	0.27812 AU
	-7513 May 23 j 13:41	30°℞♓	
morning rise	-7513 May 27 j 09:26	27°♓49'17	
direct	-7513 Jun 11 j 12:17	23°♓27'31	
greatest brilliancy	-7513 Jun 23 j 00:05	25°♓50'02	-4.8m
	-7513 Jul 01 j 06:23	0°♈	
morning max el	-7513 Jul 31 j 18:32	25°♈38'33	46°40'44
	-7513 Aug 05 j 00:55	0°♉	
	-7513 Sep 01 j 04:40	0°♊	
asc. node	-7513 Sep 05 j 20:41	5°♊26'10	
	-7513 Sep 26 j 11:16	0°♋	
	-7513 Oct 21 j 01:20	0°♌	
	-7513 Nov 14 j 11:14	0°♍	
	-7513 Dec 08 j 22:20	0°♎	
desc. node	-7513 Dec 27 j 05:49	22°♎22'51	
	-7512 Jan 02 j 11:36	0°♏	
	-7512 Jan 27 j 01:38	0°♐	
morning set	-7512 Feb 05 j 14:57	11°♐40'16	
	-7512 Feb 20 j 14:39	0°♑	
max. Earth dist.	-7512 Mar 10 j 12:49	23°♑12'07	1.73731 AU
superior conj	-7512 Mar 12 j 23:50	26°♑13'18	-1°08'56
minimum elong	-7512 Mar 13 j 07:14	26°♑36'01	1°09'13
	-7512 Mar 16 j 01:39	0°♒	
	-7512 Apr 09 j 10:39	0°♓	
evening rise	-7512 Apr 17 j 11:40	9°♓55'00	
asc. node	-7512 Apr 17 j 08:48	9°♓46'08	
	-7512 May 03 j 18:08	0°♈	
	-7512 May 28 j 00:50	0°♉	
	-7512 Jun 21 j 07:55	0°♊	
	-7512 Jul 15 j 17:29	0°♋	
desc. node	-7512 Aug 07 j 17:50	28°♋02'08	
	-7512 Aug 09 j 08:50	0°♌	
	-7512 Sep 03 j 11:26	0°♍	
	-7512 Sep 29 j 13:34	0°♎	
evening max el	-7512 Oct 18 j 13:31	20°♎21'59	46°58'23
	-7512 Oct 28 j 08:41	0°♏	
greatest brilliancy	-7512 Nov 27 j 06:23	21°♏36'13	-4.8m
asc. node	-7512 Nov 28 j 02:42	21°♏55'58	
retrograde	-7512 Dec 08 j 07:48	23°♏56'29	
evening set	-7512 Dec 24 j 09:04	18°♏45'46	
min. Earth dist.	-7512 Dec 28 j 19:02	16°♏00'38	0.28808 AU
inferior conj	-7512 Dec 29 j 13:36	15°♏30'45	6°26'26
minimum elong	-7512 Dec 29 j 05:00	15°♏44'35	6°24'34
morning rise	-7511 Jan 03 j 01:26	12°♏41'16	
direct	-7511 Jan 19 j 19:43	7°♏11'52	
greatest brilliancy	-7511 Jan 28 j 17:46	8°♏39'34	-4.7m
	-7511 Mar 02 j 02:30	0°♐	
morning max el	-7511 Mar 09 j 12:51	6°♐49'28	45°53'21
desc. node	-7511 Mar 20 j 16:24	17°♐46'35	
	-7511 Apr 01 j 10:25	0°♑	
	-7511 Apr 28 j 13:09	0°♒	
	-7511 May 24 j 06:10	0°♓	
	-7511 Jun 18 j 02:38	0°♈	
asc. node	-7511 Jul 10 j 22:14	28°♈10'57	
	-7511 Jul 12 j 09:13	0°♉	
greatest brilliancy	-7511 Jul 25 j 12:29	16°♉26'45	-3.9m
	-7511 Aug 05 j 06:57	0°♊	
	-7511 Aug 29 j 00:33	0°♋	
morning set	-7511 Sep 04 j 15:18	8°♋22'02	
	-7511 Sep 21 j 18:13	0°♌	
	-7511 Oct 15 j 14:52	0°♍	
superior conj	-7511 Oct 16 j 13:32	1°♍11'02	0°32'46
minimum elong	-7511 Oct 16 j 22:03	1°♍37'43	0°32'41

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

max. Earth dist.	-7511 Oct 22 j 18:17	8°♍56'28	1.71494 AU
desc. node	-7511 Oct 31 j 05:21	19°♍30'17	
	-7511 Nov 08 j 15:36	0°♎	
evening rise	-7511 Nov 28 j 01:15	24°♎04'26	
	-7511 Dec 02 j 20:16	0°♏	
	-7511 Dec 27 j 04:30	0°♐	
	-7510 Jan 20 j 17:06	0°♑	
	-7510 Feb 14 j 12:22	0°♒	
asc. node	-7510 Feb 20 j 09:50	7°♒03'47	
	-7510 Mar 11 j 18:02	0°♓	
	-7510 Apr 06 j 15:46	0°♈	
	-7510 May 03 j 17:37	0°♉	
evening max el	-7510 May 24 j 14:24	21°♉24'36	46°22'56
	-7510 Jun 02 j 18:46	0°♊	
desc. node	-7510 Jun 12 j 22:08	8°♊33'55	
greatest brilliancy	-7510 Jul 04 j 03:32	21°♊02'46	-4.9m
retrograde	-7510 Jul 13 j 12:43	22°♊39'58	
evening set	-7510 Jul 31 j 02:57	16°♊51'20	
inferior conj	-7510 Aug 03 j 05:33	15°♊00'22	-8°52'25
minimum elong	-7510 Aug 03 j 02:24	15°♊05'07	8°51'47
min. Earth dist.	-7510 Aug 03 j 02:42	15°♊04'39	0.26702 AU
morning rise	-7510 Aug 06 j 01:50	13°♊18'49	
direct	-7510 Aug 23 j 16:47	7°♊25'40	
greatest brilliancy	-7510 Sep 03 j 02:58	9°♊30'00	-4.9m
	-7510 Oct 02 j 04:24	0°♋	
asc. node	-7510 Oct 03 j 07:47	1°♋04'07	
morning max el	-7510 Oct 13 j 10:49	11°♋02'33	46°43'33
	-7510 Oct 31 j 03:51	0°♌	
	-7510 Nov 26 j 10:58	0°♍	
	-7510 Dec 21 j 23:51	0°♎	
	-7509 Jan 16 j 06:18	0°♏	
desc. node	-7509 Jan 23 j 18:47	8°♏58'01	
	-7509 Feb 10 j 08:35	0°♐	
	-7509 Mar 07 j 06:03	0°♑	
	-7509 Mar 31 j 21:56	0°♒	
morning set	-7509 Apr 13 j 17:38	15°♒42'46	
	-7509 Apr 25 j 08:08	0°♓	
max. Earth dist.	-7509 May 14 j 20:27	24°♓09'43	1.72580 AU
asc. node	-7509 May 15 j 21:53	25°♓28'43	
superior conj	-7509 May 19 j 07:33	29°♓42'28	0°07'58
minimum elong	-7509 May 19 j 06:00	29°♓37'38	0°07'49
behind sun begin	-7509 May 18 j 10:22	28°♓36'36	
behind sun end	-7509 May 20 j 01:38	0°♈38'42	
	-7509 May 19 j 13:11	0°♈	
	-7509 Jun 12 j 14:12	0°♉	
evening rise	-7509 Jun 24 j 14:49	15°♉03'24	
	-7509 Jul 06 j 12:52	0°♊	
	-7509 Jul 30 j 11:21	0°♋	
	-7509 Aug 23 j 11:59	0°♌	
desc. node	-7509 Sep 05 j 05:49	15°♌49'50	
	-7509 Sep 16 j 16:56	0°♍	
	-7509 Oct 11 j 04:39	0°♎	
	-7509 Nov 05 j 03:44	0°♏	
	-7509 Dec 01 j 01:36	0°♐	
asc. node	-7509 Dec 26 j 13:23	27°♐14'20	
	-7509 Dec 29 j 08:26	0°♑	
evening max el	-7509 Dec 29 j 07:15	29°♐57'08	45°24'33
greatest brilliancy	-7508 Feb 05 j 01:47	27°♑58'15	-4.7m
	-7508 Feb 14 j 01:12	0°♒	
retrograde	-7508 Feb 15 j 20:33	0°♒03'45	
	-7508 Feb 17 j 15:30	30°℞♑	
evening set	-7508 Mar 04 j 02:44	24°♑25'27	
inferior conj	-7508 Mar 08 j 07:48	21°♑48'56	7°14'43
minimum elong	-7508 Mar 08 j 14:49	21°♑37'50	7°13'22
min. Earth dist.	-7508 Mar 09 j 01:53	21°♑20'21	0.29463 AU
morning rise	-7508 Mar 13 j 02:45	18°♑51'15	
direct	-7508 Mar 30 j 07:12	13°♑19'01	
greatest brilliancy	-7508 Apr 09 j 20:27	15°♑18'29	-4.7m
desc. node	-7508 Apr 17 j 03:09	18°♑38'49	
	-7508 May 03 j 09:54	0°♒	
morning max el	-7508 May 18 j 13:53	13°♒38'56	46°08'10
	-7508 Jun 03 j 15:22	0°♓	
	-7508 Jun 30 j 12:45	0°♈	
	-7508 Jul 25 j 19:00	0°♉	
asc. node	-7508 Aug 07 j 10:52	15°♉27'41	
	-7508 Aug 19 j 05:04	0°♊	
	-7508 Sep 12 j 05:10	0°♋	
	-7508 Oct 06 j 02:25	0°♌	
	-7508 Oct 30 j 01:29	0°♍	
morning set	-7508 Nov 21 j 04:57	27°♍33'01	
	-7508 Nov 23 j 04:23	0°♎	
desc. node	-7508 Nov 27 j 18:38	5°♎41'22	
	-7508 Dec 17 j 10:54	0°♏	
superior conj	-7508 Dec 31 j 23:58	17°♏54'55	-1°06'44
minimum elong	-7508 Dec 31 j 14:41	17°♏26'21	1°06'49
max. Earth dist.	-7507 Jan 03 j 02:42	20°♏31'00	1.73230 AU
	-7507 Jan 10 j 19:42	0°♐	
	-7507 Feb 04 j 05:48	0°♑	
evening rise	-7507 Feb 07 j 17:02	4°♑15'25	
greatest brilliancy	-7507 Feb 19 j 20:47	19°♑09'46	-3.9m
	-7507 Feb 28 j 17:14	0°♒	
asc. node	-7507 Mar 19 j 22:03	23°♒27'28	
	-7507 Mar 25 j 06:55	0°♓	
	-7507 Apr 19 j 00:04	0°♈	
	-7507 May 13 j 22:10	0°♉	
	-7507 Jun 08 j 04:07	0°♊	
	-7507 Jul 04 j 01:11	0°♋	
desc. node	-7507 Jul 10 j 08:46	7°♋08'09	
	-7507 Jul 31 j 09:49	0°♌	
evening max el	-7507 Aug 06 j 04:46	5°♌56'45	47°42'37
	-7507 Sep 02 j 09:44	0°♍	
greatest brilliancy	-7507 Sep 16 j 12:54	7°♍44'54	-4.9m
retrograde	-7507 Sep 26 j 04:39	9°♍32'36	
evening set	-7507 Oct 11 j 10:14	4°♍52'33	
inferior conj	-7507 Oct 16 j 21:28	1°♍32'58	-3°24'10
minimum elong	-7507 Oct 17 j 04:27	1°♍22'02	3°21'49
min. Earth dist.	-7507 Oct 16 j 09:40	1°♍51'30	0.26818 AU
	-7507 Oct 19 j 09:17	30°℞♌	
morning rise	-7507 Oct 22 j 23:17	27°♌55'07	
asc. node	-7507 Oct 30 j 18:19	24°♌41'11	
direct	-7507 Nov 06 j 04:36	23°♌49'45	
greatest brilliancy	-7507 Nov 15 j 17:12	25°♌33'32	-4.9m
	-7507 Nov 24 j 23:11	0°♍	
morning max el	-7507 Dec 25 j 16:46	25°♍23'31	46°13'16
	-7507 Dec 30 j 08:13	0°♎	
	-7506 Jan 27 j 15:08	0°♏	
desc. node	-7506 Feb 20 j 07:02	26°♏35'37	
	-7506 Feb 23 j 06:25	0°♐	
	-7506 Mar 21 j 01:44	0°♑	
	-7506 Apr 15 j 06:46	0°♒	
	-7506 May 10 j 00:12	0°♓	
	-7506 Jun 03 j 08:04	0°♈	
asc. node	-7506 Jun 12 j 11:14	11°♈21'53	
morning set	-7506 Jun 20 j 07:25	21°♈09'49	
	-7506 Jun 27 j 08:34	0°♉	
	-7506 Jul 21 j 04:18	0°♊	
max. Earth dist.	-7506 Jul 27 j 06:49	7°♊42'43	1.70921 AU
superior conj	-7506 Jul 28 j 11:19	9°♊12'45	1°20'14
minimum elong	-7506 Jul 28 j 05:57	8°♊55'46	1°20'37
	-7506 Aug 13 j 22:12	0°♋	
	-7506 Sep 06 j 17:10	0°♌	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening rise	-7506 Sep 07 j 05:46	0°♌39'36	
	-7506 Sep 30 j 15:23	0°♍	
desc. node	-7506 Oct 02 j 18:21	2°♍39'08	
	-7506 Oct 24 j 17:58	0°♎	
	-7506 Nov 18 j 01:45	0°♏	
	-7506 Dec 12 j 16:49	0°♐	
	-7505 Jan 06 j 20:17	0°♑	
asc. node	-7505 Jan 23 j 00:19	18°♑45'25	
	-7505 Feb 01 j 23:01	0°♒	
	-7505 Mar 02 j 02:51	0°♓	
evening max el	-7505 Mar 10 j 07:41	7°♓59'04	45°03'14
	-7505 Apr 06 j 18:43	0°♈	
greatest brilliancy	-7505 Apr 17 j 08:10	5°♈05'41	-4.7m
retrograde	-7505 Apr 27 j 13:33	6°♈57'00	
evening set	-7505 May 12 j 05:50	2°♈54'03	
desc. node	-7505 May 15 j 13:49	1°♈03'43	
	-7505 May 17 j 09:03	30°♓	
inferior conj	-7505 May 18 j 17:39	29°♓11'04	-0°44'43
minimum elong	-7505 May 18 j 15:58	29°♓13'36	0°44'17
min. Earth dist.	-7505 May 19 j 12:02	28°♓43'20	0.27873 AU
morning rise	-7505 May 25 j 01:01	25°♓31'08	
direct	-7505 Jun 09 j 03:20	21°♓09'44	
greatest brilliancy	-7505 Jun 20 j 15:43	23°♓33'08	-4.8m
	-7505 Jul 02 j 11:30	0°♈	
morning max el	-7505 Jul 29 j 09:48	23°♈19'27	46°39'55
	-7505 Aug 04 j 21:42	0°♉	
	-7505 Aug 31 j 20:26	0°♊	
asc. node	-7505 Sep 04 j 22:50	4°♊47'35	
	-7505 Sep 26 j 01:03	0°♋	
	-7505 Oct 20 j 14:06	0°♌	
	-7505 Nov 13 j 23:22	0°♍	
	-7505 Dec 08 j 10:01	0°♎	
desc. node	-7505 Dec 26 j 08:03	21°♎54'51	
	-7504 Jan 01 j 22:56	0°♏	
	-7504 Jan 26 j 12:40	0°♐	
morning set	-7504 Feb 03 j 07:44	9°♐31'20	
	-7504 Feb 20 j 01:30	0°♑	
max. Earth dist.	-7504 Mar 08 j 11:59	21°♑22'42	1.73748 AU
superior conj	-7504 Mar 10 j 19:01	24°♑11'38	-1°10'29
minimum elong	-7504 Mar 11 j 02:11	24°♑33'36	1°10'48
	-7504 Mar 15 j 12:28	0°♒	
	-7504 Apr 08 j 21:33	0°♓	
evening rise	-7504 Apr 15 j 07:21	7°♓53'58	
asc. node	-7504 Apr 16 j 10:51	9°♓18'44	
	-7504 May 03 j 05:14	0°♈	
	-7504 May 27 j 12:13	0°♉	
	-7504 Jun 20 j 19:43	0°♊	
	-7504 Jul 15 j 05:51	0°♋	
desc. node	-7504 Aug 06 j 19:59	27°♋28'56	
	-7504 Aug 08 j 22:01	0°♌	
	-7504 Sep 03 j 02:00	0°♍	
	-7504 Sep 29 j 06:56	0°♎	
evening max el	-7504 Oct 16 j 06:07	18°♎07'01	47°01'40
	-7504 Oct 28 j 11:16	0°♏	
greatest brilliancy	-7504 Nov 24 j 23:18	19°♏23'21	-4.8m
asc. node	-7504 Nov 27 j 05:05	20°♏12'41	
retrograde	-7504 Dec 06 j 01:31	21°♏44'12	
evening set	-7504 Dec 21 j 23:21	16°♏37'05	
min. Earth dist.	-7504 Dec 26 j 10:29	13°♏50'19	0.28739 AU
inferior conj	-7504 Dec 27 j 06:12	13°♏18'38	6°14'29
minimum elong	-7504 Dec 26 j 21:29	13°♏32'38	6°12'33
morning rise	-7504 Dec 31 j 20:13	10°♏26'13	
direct	-7503 Jan 17 j 11:46	5°♏00'54	
greatest brilliancy	-7503 Jan 26 j 08:20	6°♏27'54	-4.7m
	-7503 Mar 02 j 03:57	0°♐	
morning max el	-7503 Mar 07 j 05:36	4°♐42'18	45°53'26
desc. node	-7503 Mar 19 j 18:29	17°♐04'08	
	-7503 Apr 01 j 02:49	0°♑	
	-7503 Apr 28 j 02:47	0°♒	
	-7503 May 23 j 18:34	0°♓	
	-7503 Jun 17 j 14:25	0°♈	
asc. node	-7503 Jul 10 j 00:24	27°♈41'59	
	-7503 Jul 11 j 20:40	0°♉	
greatest brilliancy	-7503 Jul 27 j 10:55	19°♉32'26	-3.9m
	-7503 Aug 04 j 18:14	0°♊	
	-7503 Aug 28 j 11:45	0°♋	
morning set	-7503 Sep 02 j 01:45	5°♋47'58	
	-7503 Sep 21 j 05:23	0°♌	
superior conj	-7503 Oct 13 j 21:49	28°♌31'40	0°36'25
minimum elong	-7503 Oct 14 j 07:05	29°♌00'43	0°36'20
	-7503 Oct 15 j 02:00	0°♍	
max. Earth dist.	-7503 Oct 20 j 04:36	6°♍23'49	1.71437 AU
desc. node	-7503 Oct 30 j 07:26	19°♍02'10	
	-7503 Nov 08 j 02:43	0°♎	
evening rise	-7503 Nov 25 j 12:29	21°♎36'17	
	-7503 Dec 02 j 07:22	0°♏	
	-7503 Dec 26 j 15:39	0°♐	
	-7502 Jan 20 j 04:26	0°♑	
	-7502 Feb 14 j 00:08	0°♒	
asc. node	-7502 Feb 19 j 11:58	6°♒34'33	
	-7502 Mar 11 j 06:41	0°♓	
	-7502 Apr 06 j 06:07	0°♈	
	-7502 May 03 j 11:40	0°♉	
evening max el	-7502 May 22 j 04:11	19°♉03'33	46°19'09
	-7502 Jun 03 j 00:54	0°♊	
desc. node	-7502 Jun 12 j 00:24	7°♊20'39	
greatest brilliancy	-7502 Jul 01 j 14:19	18°♊33'17	-4.9m
retrograde	-7502 Jul 11 j 00:21	20°♊10'32	
evening set	-7502 Jul 28 j 11:37	14°♊27'11	
inferior conj	-7502 Jul 31 j 17:22	12°♊31'32	-8°47'54
minimum elong	-7502 Jul 31 j 13:18	12°♊37'40	8°47'13
min. Earth dist.	-7502 Jul 31 j 14:36	12°♊35'42	0.26719 AU
morning rise	-7502 Aug 03 j 14:57	10°♊47'57	
direct	-7502 Aug 21 j 05:27	4°♊56'49	
greatest brilliancy	-7502 Aug 31 j 15:40	7°♊00'48	-4.9m
asc. node	-7502 Oct 02 j 09:55	0°♋03'43	
	-7502 Oct 02 j 08:22	0°♋	
morning max el	-7502 Oct 10 j 23:10	8°♋32'49	46°44'09
	-7502 Oct 30 j 21:44	0°♌	
	-7502 Nov 26 j 01:38	0°♍	
	-7502 Dec 21 j 12:56	0°♎	
	-7501 Jan 15 j 18:26	0°♏	
desc. node	-7501 Jan 22 j 20:47	8°♏28'22	
	-7501 Feb 09 j 20:05	0°♐	
	-7501 Mar 06 j 17:10	0°♑	
	-7501 Mar 31 j 08:48	0°♒	
morning set	-7501 Apr 11 j 13:07	13°♒42'08	
	-7501 Apr 24 j 18:52	0°♓	
max. Earth dist.	-7501 May 12 j 13:50	22°♓01'22	1.72642 AU
asc. node	-7501 May 15 j 00:09	25°♓02'22	
superior conj	-7501 May 17 j 02:08	27°♓37'38	0°04'53
minimum elong	-7501 May 17 j 01:11	27°♓34'40	0°04'47
behind sun begin	-7501 May 16 j 03:49	26°♓28'16	
behind sun end	-7501 May 17 j 22:34	28°♓41'06	
	-7501 May 18 j 23:57	0°♈	
	-7501 Jun 12 j 01:06	0°♉	
evening rise	-7501 Jun 22 j 07:21	12°♉50'22	
	-7501 Jul 05 j 23:59	0°♊	
	-7501 Jul 29 j 22:44	0°♋	
	-7501 Aug 22 j 23:39	0°♌	
desc. node	-7501 Sep 04 j 07:51	15°♌19'30	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7501 Sep 16 j 04:56	0°♍	
	-7501 Oct 10 j 17:09	0°♎	
	-7501 Nov 04 j 17:11	0°♏	
	-7501 Nov 30 j 17:10	0°♐	
asc. node	-7501 Dec 25 j 15:36	26°♐28'06	
evening max el	-7501 Dec 26 j 22:08	27°♐43'17	45°26'58
	-7501 Dec 29 j 06:26	0°♑	
greatest brilliancy	-7500 Feb 02 j 19:03	25°♑52'49	-4.7m
retrograde	-7500 Feb 13 j 13:06	27°♑58'22	
evening set	-7500 Mar 01 j 21:42	22°♑16'50	
inferior conj	-7500 Mar 06 j 01:00	19°♑42'49	7°22'30
minimum elong	-7500 Mar 06 j 07:36	19°♑32'22	7°21'17
min. Earth dist.	-7500 Mar 06 j 18:27	19°♑15'11	0.29487 AU
morning rise	-7500 Mar 10 j 17:18	16°♑48'36	
direct	-7500 Mar 27 j 23:48	11°♑12'28	
greatest brilliancy	-7500 Apr 07 j 12:17	13°♑10'43	-4.7m
desc. node	-7500 Apr 16 j 05:20	17°♑18'31	
	-7500 May 03 j 15:50	0°♒	
morning max el	-7500 May 16 j 05:09	11°♒26'40	46°07'14
	-7500 Jun 03 j 08:43	0°♓	
	-7500 Jun 30 j 02:52	0°♈	
	-7500 Jul 25 j 07:46	0°♉	
asc. node	-7500 Aug 06 j 12:58	14°♉56'04	
	-7500 Aug 18 j 17:10	0°♊	
	-7500 Sep 11 j 16:55	0°♋	
	-7500 Oct 05 j 13:55	0°♌	
	-7500 Oct 29 j 12:46	0°♍	
morning set	-7500 Nov 18 j 15:39	25°♍02'48	
	-7500 Nov 22 j 15:30	0°♎	
desc. node	-7500 Nov 26 j 20:51	5°♎13'56	
	-7500 Dec 16 j 21:52	0°♏	
superior conj	-7500 Dec 29 j 14:11	15°♏37'25	-1°04'42
minimum elong	-7500 Dec 29 j 04:37	15°♏07'58	1°04'45
max. Earth dist.	-7500 Dec 31 j 20:55	18°♏25'53	1.73181 AU
	-7499 Jan 10 j 06:34	0°♐	
	-7499 Feb 03 j 16:39	0°♑	
evening rise	-7499 Feb 05 j 10:30	2°♑08'25	
greatest brilliancy	-7499 Feb 19 j 01:49	18°♑51'46	-3.9m
	-7499 Feb 28 j 04:11	0°♒	
asc. node	-7499 Mar 19 j 00:11	22°♒59'55	
	-7499 Mar 24 j 18:09	0°♓	
	-7499 Apr 18 j 11:49	0°♈	
	-7499 May 13 j 10:42	0°♉	
	-7499 Jun 07 j 17:56	0°♊	
	-7499 Jul 03 j 17:18	0°♋	
desc. node	-7499 Jul 09 j 10:53	6°♋26'41	
	-7499 Jul 31 j 07:21	0°♌	
evening max el	-7499 Aug 03 j 17:40	3°♌29'43	47°41'29
	-7499 Sep 03 j 15:00	0°♍	
greatest brilliancy	-7499 Sep 14 j 04:18	5°♍19'10	-4.9m
retrograde	-7499 Sep 23 j 17:43	7°♍05'08	
evening set	-7499 Oct 09 j 01:56	2°♍22'06	
	-7499 Oct 13 j 00:37	30°℞♌	
inferior conj	-7499 Oct 14 j 10:48	29°♌06'35	-3°45'43
minimum elong	-7499 Oct 14 j 18:24	28°♌54'41	3°43'13
min. Earth dist.	-7499 Oct 14 j 00:10	29°♌23'13	0.26782 AU
morning rise	-7499 Oct 20 j 11:20	25°♌30'40	
asc. node	-7499 Oct 29 j 20:41	21°♌53'09	
direct	-7499 Nov 03 j 16:52	21°♌23'55	
greatest brilliancy	-7499 Nov 13 j 07:49	23°♌09'38	-4.9m
	-7499 Nov 26 j 07:20	0°♍	
morning max el	-7499 Dec 23 j 06:41	23°♍03'11	46°14'32
	-7499 Dec 30 j 05:21	0°♎	
	-7498 Jan 27 j 06:43	0°♏	
desc. node	-7498 Feb 19 j 09:08	26°♏02'56	
	-7498 Feb 22 j 19:45	0°♐	
	-7498 Mar 20 j 13:54	0°♑	
	-7498 Apr 14 j 18:17	0°♒	
	-7498 May 09 j 11:22	0°♓	
	-7498 Jun 02 j 19:05	0°♈	
asc. node	-7498 Jun 11 j 13:24	10°♈54'24	
morning set	-7498 Jun 17 j 23:45	18°♈56'26	
	-7498 Jun 26 j 19:32	0°♉	
	-7498 Jul 20 j 15:18	0°♊	
max. Earth dist.	-7498 Jul 24 j 16:37	5°♊07'16	1.70956 AU
superior conj	-7498 Jul 26 j 00:42	6°♊48'34	1°19'11
minimum elong	-7498 Jul 25 j 18:37	6°♊29'23	1°19'32
	-7498 Aug 13 j 09:16	0°♋	
evening rise	-7498 Sep 04 j 14:37	28°♋01'18	
	-7498 Sep 06 j 04:22	0°♌	
	-7498 Sep 30 j 02:43	0°♍	
desc. node	-7498 Oct 01 j 20:32	2°♍10'34	
	-7498 Oct 24 j 05:27	0°♎	
	-7498 Nov 17 j 13:27	0°♏	
	-7498 Dec 12 j 04:55	0°♐	
	-7497 Jan 06 j 09:16	0°♑	
asc. node	-7497 Jan 22 j 02:28	18°♑11'32	
	-7497 Feb 01 j 13:58	0°♒	
	-7497 Mar 01 j 23:14	0°♓	
evening max el	-7497 Mar 07 j 23:06	5°♓47'39	45°02'18
	-7497 Apr 08 j 08:43	0°♈	
greatest brilliancy	-7497 Apr 14 j 21:06	2°♈50'03	-4.7m
retrograde	-7497 Apr 25 j 04:08	4°♈42'25	
evening set	-7497 May 09 j 20:41	0°♈38'18	
	-7497 May 11 j 01:23	30°℞♓	
desc. node	-7497 May 14 j 16:07	27°♓55'19	
inferior conj	-7497 May 16 j 07:59	26°♓55'28	-0°23'30
minimum elong	-7497 May 16 j 07:06	26°♓56'48	0°23'20
min. Earth dist.	-7497 May 17 j 02:56	26°♓26'53	0.27935 AU
morning rise	-7497 May 22 j 16:33	23°♓13'57	
direct	-7497 Jun 06 j 18:58	18°♓52'53	
greatest brilliancy	-7497 Jun 18 j 06:51	21°♓16'14	-4.8m
	-7497 Jul 03 j 08:32	0°♈	
morning max el	-7497 Jul 27 j 01:35	21°♈02'11	46°39'08
	-7497 Aug 04 j 17:43	0°♉	
	-7497 Aug 31 j 11:51	0°♊	
asc. node	-7497 Sep 04 j 01:00	4°♊09'41	
	-7497 Sep 25 j 14:37	0°♋	
	-7497 Oct 20 j 02:44	0°♌	
	-7497 Nov 13 j 11:26	0°♍	
	-7497 Dec 07 j 21:41	0°♎	
desc. node	-7497 Dec 25 j 10:03	21°♎26'06	
	-7496 Jan 01 j 10:16	0°♏	
	-7496 Jan 25 j 23:45	0°♐	
morning set	-7496 Feb 01 j 00:10	7°♐21'09	
	-7496 Feb 19 j 12:24	0°♑	
max. Earth dist.	-7496 Mar 06 j 12:00	19°♑35'43	1.73758 AU
superior conj	-7496 Mar 08 j 13:57	22°♑09'03	-1°11'57
minimum elong	-7496 Mar 08 j 20:50	22°♑30'12	1°12'18
	-7496 Mar 14 j 23:19	0°♒	
	-7496 Apr 08 j 08:28	0°♓	
evening rise	-7496 Apr 13 j 02:58	5°♓52'46	
asc. node	-7496 Apr 15 j 13:07	8°♓51'57	
	-7496 May 02 j 16:21	0°♈	
	-7496 May 26 j 23:40	0°♉	
	-7496 Jun 20 j 07:37	0°♊	
	-7496 Jul 14 j 18:20	0°♋	
desc. node	-7496 Aug 05 j 22:07	26°♋55'24	
	-7496 Aug 08 j 11:21	0°♌	
	-7496 Sep 02 j 16:43	0°♍	
	-7496 Sep 29 j 00:37	0°♎	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening max el	-7496 Oct 13 j 23:15	15°♎53'25	47°04'46
	-7496 Oct 28 j 15:26	0°♏	
greatest brilliancy	-7496 Nov 22 j 16:29	17°♏10'38	-4.8m
asc. node	-7496 Nov 26 j 07:15	18°♏25'19	
retrograde	-7496 Dec 03 j 19:02	19°♏31'23	
evening set	-7496 Dec 19 j 13:45	14°♏28'06	
min. Earth dist.	-7496 Dec 24 j 02:04	11°♏39'31	0.28670 AU
inferior conj	-7496 Dec 24 j 22:49	11°♏06'08	6°02'01
minimum elong	-7496 Dec 24 j 14:02	11°♏20'16	6°00'00
morning rise	-7496 Dec 29 j 15:00	8°♏10'38	
direct	-7495 Jan 15 j 04:05	2°♏49'41	
greatest brilliancy	-7495 Jan 23 j 22:57	4°♏15'41	-4.7m
	-7495 Mar 02 j 04:24	0°♐	
morning max el	-7495 Mar 04 j 22:02	2°♐33'51	45°53'28
desc. node	-7495 Mar 18 j 20:41	16°♐22'02	
	-7495 Mar 31 j 19:07	0°♑	
	-7495 Apr 27 j 16:27	0°♒	
	-7495 May 23 j 07:02	0°♓	
	-7495 Jun 17 j 02:16	0°♈	
asc. node	-7495 Jul 09 j 02:26	27°♈12'18	
	-7495 Jul 11 j 08:13	0°♉	
greatest brilliancy	-7495 Jul 28 j 14:07	21°♉37'29	-3.9m
	-7495 Aug 04 j 05:38	0°♊	
	-7495 Aug 27 j 23:06	0°♋	
morning set	-7495 Aug 30 j 12:28	3°♋14'07	
	-7495 Sep 20 j 16:43	0°♌	
superior conj	-7495 Oct 11 j 06:26	25°♌52'49	0°39'58
minimum elong	-7495 Oct 11 j 16:22	26°♌23'59	0°39'53
	-7495 Oct 14 j 13:17	0°♍	
max. Earth dist.	-7495 Oct 17 j 15:53	3°♍53'37	1.71376 AU
desc. node	-7495 Oct 29 j 09:40	18°♍34'02	
	-7495 Nov 07 j 13:57	0°♎	
evening rise	-7495 Nov 22 j 23:45	19°♎07'48	
	-7495 Dec 01 j 18:35	0°♏	
	-7495 Dec 26 j 02:57	0°♐	
	-7494 Jan 19 j 15:58	0°♑	
	-7494 Feb 13 j 12:10	0°♒	
asc. node	-7494 Feb 18 j 14:07	6°♒04'39	
	-7494 Mar 10 j 19:39	0°♓	
	-7494 Apr 05 j 20:53	0°♈	
	-7494 May 03 j 06:23	0°♉	
evening max el	-7494 May 19 j 17:20	16°♉40'31	46°15'28
	-7494 Jun 03 j 09:36	0°♊	
desc. node	-7494 Jun 11 j 02:29	6°♊04'26	
greatest brilliancy	-7494 Jun 29 j 01:42	16°♊04'23	-4.9m
retrograde	-7494 Jul 08 j 11:27	17°♊41'17	
evening set	-7494 Jul 25 j 20:07	12°♊03'38	
inferior conj	-7494 Jul 29 j 05:23	10°♊02'50	-8°42'23
minimum elong	-7494 Jul 29 j 00:24	10°♊10'21	8°41'35
min. Earth dist.	-7494 Jul 29 j 03:02	10°♊06'22	0.26740 AU
morning rise	-7494 Aug 01 j 04:39	8°♊16'39	
direct	-7494 Aug 18 j 17:51	2°♊27'47	
greatest brilliancy	-7494 Aug 29 j 05:17	4°♊32'14	-4.9m
asc. node	-7494 Oct 01 j 12:14	29°♊04'25	
	-7494 Oct 02 j 11:02	0°♋	
morning max el	-7494 Oct 08 j 11:00	6°♋00'51	46°44'48
	-7494 Oct 30 j 15:30	0°♌	
	-7494 Nov 25 j 16:22	0°♍	
	-7494 Dec 21 j 02:08	0°♎	
	-7493 Jan 15 j 06:43	0°♏	
desc. node	-7493 Jan 21 j 22:56	7°♏58'36	
	-7493 Feb 09 j 07:48	0°♐	
	-7493 Mar 06 j 04:30	0°♑	
	-7493 Mar 30 j 19:55	0°♒	
morning set	-7493 Apr 09 j 08:35	11°♒40'33	
	-7493 Apr 24 j 05:54	0°♓	

max. Earth dist.	-7493 May 10 j 08:12	19°♓55'12	1.72703 AU
asc. node	-7493 May 14 j 02:16	24°♓34'40	
superior conj	-7493 May 14 j 20:47	25°♓32'11	0°01'50
minimum elong	-7493 May 14 j 20:27	25°♓31'09	0°01'43
behind sun begin	-7493 May 13 j 22:23	24°♓22'38	
behind sun end	-7493 May 15 j 18:31	26°♓39'42	
	-7493 May 18 j 10:59	0°♈	
	-7493 Jun 11 j 12:16	0°♉	
evening rise	-7493 Jun 20 j 00:06	10°♉37'24	
	-7493 Jul 05 j 11:22	0°♊	
	-7493 Jul 29 j 10:23	0°♋	
	-7493 Aug 22 j 11:36	0°♌	
desc. node	-7493 Sep 03 j 10:05	14°♌48'47	
	-7493 Sep 15 j 17:16	0°♍	
	-7493 Oct 10 j 06:03	0°♎	
	-7493 Nov 04 j 07:05	0°♏	
	-7493 Nov 30 j 09:16	0°♐	
evening max el	-7493 Dec 24 j 12:42	25°♐27'53	45°29'35
asc. node	-7493 Dec 24 j 17:46	25°♐40'19	
	-7493 Dec 29 j 05:40	0°♑	
greatest brilliancy	-7492 Jan 31 j 11:45	23°♑46'11	-4.7m
retrograde	-7492 Feb 11 j 06:03	25°♑52'44	
evening set	-7492 Feb 28 j 16:37	20°♑07'53	
inferior conj	-7492 Mar 03 j 18:20	17°♑36'14	7°29'37
minimum elong	-7492 Mar 04 j 00:27	17°♑26'32	7°28'30
min. Earth dist.	-7492 Mar 04 j 11:01	17°♑09'48	0.29512 AU
morning rise	-7492 Mar 08 j 08:05	14°♑45'37	
direct	-7492 Mar 25 j 16:26	9°♑05'20	
greatest brilliancy	-7492 Apr 05 j 04:38	11°♑03'02	-4.7m
desc. node	-7492 Apr 15 j 07:38	16°♑00'09	
	-7492 May 03 j 20:14	0°♒	
morning max el	-7492 May 13 j 21:08	9°♒15'18	46°06'18
	-7492 Jun 03 j 02:05	0°♓	
	-7492 Jun 29 j 17:12	0°♈	
	-7492 Jul 24 j 20:47	0°♉	
asc. node	-7492 Aug 05 j 15:13	14°♉24'04	
	-7492 Aug 18 j 05:31	0°♊	
	-7492 Sep 11 j 04:54	0°♋	
	-7492 Oct 05 j 01:40	0°♌	
	-7492 Oct 29 j 00:21	0°♍	
morning set	-7492 Nov 16 j 02:08	22°♍30'38	
	-7492 Nov 22 j 02:56	0°♎	
desc. node	-7492 Nov 25 j 22:50	4°♎44'43	
	-7492 Dec 16 j 09:10	0°♏	
superior conj	-7492 Dec 27 j 04:14	13°♏18'23	-1°02'34
minimum elong	-7492 Dec 26 j 18:25	12°♏48'11	1°02'34
max. Earth dist.	-7492 Dec 29 j 13:01	16°♏13'13	1.73130 AU
	-7491 Jan 09 j 17:45	0°♐	
evening rise	-7491 Feb 03 j 03:59	0°♑00'35	
	-7491 Feb 03 j 03:47	0°♑	
greatest brilliancy	-7491 Feb 18 j 02:54	18°♑20'51	-3.9m
	-7491 Feb 27 j 15:26	0°♒	
asc. node	-7491 Mar 18 j 02:28	22°♒31'59	
	-7491 Mar 24 j 05:42	0°♓	
	-7491 Apr 17 j 23:54	0°♈	
	-7491 May 12 j 23:40	0°♉	
	-7491 Jun 07 j 08:15	0°♊	
	-7491 Jul 03 j 10:03	0°♋	
desc. node	-7491 Jul 08 j 13:03	5°♋43'54	
	-7491 Jul 31 j 06:03	0°♌	
evening max el	-7491 Aug 01 j 07:04	1°♌03'12	47°40'24
	-7491 Sep 05 j 09:43	0°♍	
greatest brilliancy	-7491 Sep 11 j 19:05	2°♍51'50	-4.9m
retrograde	-7491 Sep 21 j 07:13	4°♍36'52	
	-7491 Oct 06 j 10:55	30°℞♌	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening set	-7491 Oct 06 j 17:44	29°♌50'21		
min. Earth dist.	-7491 Oct 11 j 14:18	26°♌54'20	0.26751 AU	
inferior conj	-7491 Oct 12 j 00:04	26°♌39'05	-4°06'56	
minimum elong	-7491 Oct 12 j 08:15	26°♌26'20	4°04'17	
morning rise	-7491 Oct 17 j 23:10	23°♌05'40		
asc. node	-7491 Oct 28 j 22:55	19°♌10'20		
direct	-7491 Nov 01 j 05:30	18°♌56'55		
greatest brilliancy	-7491 Nov 10 j 22:05	20°♌44'24	-4.9m	
	-7491 Nov 27 j 06:57	0°♍		
morning max el	-7491 Dec 20 j 21:33	20°♍44'09	46°15'43	
	-7491 Dec 30 j 02:08	0°♎		
	-7490 Jan 26 j 22:25	0°♏		
desc. node	-7490 Feb 18 j 11:19	25°♏29'48		
	-7490 Feb 22 j 09:17	0°♐		
	-7490 Mar 20 j 02:17	0°♑		
	-7490 Apr 14 j 06:01	0°♒		
	-7490 May 08 j 22:45	0°♓		
	-7490 Jun 02 j 06:20	0°♈		
asc. node	-7490 Jun 10 j 15:27	10°♈25'50		
morning set	-7490 Jun 15 j 16:14	16°♈42'48		
	-7490 Jun 26 j 06:47	0°♉		
	-7490 Jul 20 j 02:36	0°♊		
max. Earth dist.	-7490 Jul 22 j 01:12	2°♊27'07	1.70994 AU	
superior conj	-7490 Jul 23 j 14:05	4°♊23'32	1°17'59	
minimum elong	-7490 Jul 23 j 07:24	4°♊02'27	1°18'18	
	-7490 Aug 12 j 20:39	0°♋		
evening rise	-7490 Sep 01 j 23:19	25°♋21'34		
	-7490 Sep 05 j 15:51	0°♌		
	-7490 Sep 29 j 14:19	0°♍		
desc. node	-7490 Sep 30 j 22:40	1°♍41'02		
	-7490 Oct 23 j 17:12	0°♎		
	-7490 Nov 17 j 01:27	0°♏		
	-7490 Dec 11 j 17:21	0°♐		
	-7489 Jan 05 j 22:38	0°♑		
asc. node	-7489 Jan 21 j 04:45	17°♑36'58		
	-7489 Feb 01 j 05:26	0°♒		
	-7489 Mar 01 j 20:36	0°♓		
evening max el	-7489 Mar 05 j 15:07	3°♓37'05	45°01'31	
	-7489 Apr 10 j 20:43	0°♈		
greatest brilliancy	-7489 Apr 12 j 10:33	0°♈35'01	-4.7m	
retrograde	-7489 Apr 22 j 18:37	2°♈27'49		
	-7489 May 04 j 02:13	30°♓R		
evening set	-7489 May 07 j 11:54	28°♓22'39		
inferior conj	-7489 May 13 j 22:30	24°♓40'04	-0°02'34	
minimum elong	-7489 May 13 j 22:24	24°♓40'13	0°02'38	
transit middle	-7489 May 13 j 22:24	24°♓40'13	0°02'38	
transit begin	-7489 May 13 j 18:21	24°♓46'21		
transit end	-7489 May 14 j 02:28	24°♓34'05		
desc. node	-7489 May 13 j 18:09	24°♓46'39		
min. Earth dist.	-7489 May 14 j 17:55	24°♓10'44	0.27995 AU	
morning rise	-7489 May 20 j 08:02	20°♓57'00		
direct	-7489 Jun 04 j 10:58	16°♓36'27		
greatest brilliancy	-7489 Jun 15 j 21:40	18°♓58'56	-4.8m	
	-7489 Jul 04 j 00:23	0°♈		
morning max el	-7489 Jul 24 j 16:43	18°♈42'57	46°38'04	
	-7489 Aug 04 j 13:23	0°♉		
	-7489 Aug 31 j 03:19	0°♊		
asc. node	-7489 Sep 03 j 03:17	3°♊31'41		
	-7489 Sep 25 j 04:22	0°♋		
	-7489 Oct 19 j 15:34	0°♌		
	-7489 Nov 12 j 23:41	0°♍		
	-7489 Dec 07 j 09:30	0°♎		
desc. node	-7489 Dec 24 j 12:09	20°♎57'14		
	-7489 Dec 31 j 21:45	0°♏		
	-7488 Jan 25 j 10:59	0°♐		
morning set	-7488 Jan 29 j 16:23	5°♐09'51		
	-7488 Feb 18 j 23:29	0°♑		
max. Earth dist.	-7488 Mar 04 j 11:03	17°♑45'18	1.73763 AU	
superior conj	-7488 Mar 06 j 08:52	20°♑05'54	-1°13'20	
minimum elong	-7488 Mar 06 j 15:26	20°♑26'04	1°13'42	
	-7488 Mar 14 j 10:20	0°♒		
	-7488 Apr 07 j 19:33	0°♓		
evening rise	-7488 Apr 10 j 22:40	3°♓51'26		
asc. node	-7488 Apr 14 j 15:14	8°♓24'17		
	-7488 May 02 j 03:36	0°♈		
	-7488 May 26 j 11:13	0°♉		
	-7488 Jun 19 j 19:36	0°♊		
	-7488 Jul 14 j 06:58	0°♋		
desc. node	-7488 Aug 05 j 00:20	26°♋21'36		
	-7488 Aug 08 j 00:53	0°♌		
	-7488 Sep 02 j 07:46	0°♍		
	-7488 Sep 28 j 18:56	0°♎		
evening max el	-7488 Oct 11 j 15:57	13°♎37'41	47°07'47	
	-7488 Oct 28 j 21:55	0°♏		
greatest brilliancy	-7488 Nov 20 j 10:10	14°♏57'25	-4.8m	
asc. node	-7488 Nov 25 j 09:25	16°♏32'54		
retrograde	-7488 Dec 01 j 11:58	17°♏17'10		
evening set	-7488 Dec 17 j 04:05	12°♏17'53		
min. Earth dist.	-7488 Dec 21 j 17:49	9°♏27'05	0.28597 AU	
inferior conj	-7488 Dec 22 j 15:15	8°♏52'32	5°48'55	
minimum elong	-7488 Dec 22 j 06:28	9°♏06'42	5°46'50	
morning rise	-7488 Dec 27 j 09:36	5°♏53'44		
direct	-7487 Jan 12 j 20:01	0°♏37'29		
greatest brilliancy	-7487 Jan 21 j 13:46	2°♏02'40	-4.7m	
	-7487 Mar 02 j 03:56	0°♐		
morning max el	-7487 Mar 02 j 13:28	0°♐22'35	45°53'33	
desc. node	-7487 Mar 17 j 22:55	15°♐40'18		
	-7487 Mar 31 j 11:15	0°♑		
	-7487 Apr 27 j 06:04	0°♒		
	-7487 May 22 j 19:28	0°♓		
	-7487 Jun 16 j 14:05	0°♈		
asc. node	-7487 Jul 08 j 04:42	26°♈43'32		
	-7487 Jul 10 j 19:42	0°♉		
greatest brilliancy	-7487 Jul 29 j 06:09	23°♉07'43	-3.9m	
	-7487 Aug 03 j 16:58	0°♊		
	-7487 Aug 27 j 10:24	0°♋		
morning set	-7487 Aug 27 j 23:18	0°♋40'50		
	-7487 Sep 20 j 04:01	0°♌		
superior conj	-7487 Oct 08 j 14:51	23°♌13'14	0°43'26	
minimum elong	-7487 Oct 09 j 01:22	23°♌46'12	0°43'21	
	-7487 Oct 14 j 00:35	0°♍		
max. Earth dist.	-7487 Oct 15 j 00:51	1°♍16'01	1.71319 AU	
desc. node	-7487 Oct 28 j 11:39	18°♍05'01		
	-7487 Nov 07 j 01:14	0°♎		
evening rise	-7487 Nov 20 j 10:16	16°♎36'39		
	-7487 Dec 01 j 05:51	0°♏		
	-7487 Dec 25 j 14:17	0°♐		
	-7486 Jan 19 j 03:32	0°♑		
	-7486 Feb 13 j 00:14	0°♒		
asc. node	-7486 Feb 17 j 16:24	5°♒34'59		
	-7486 Mar 10 j 08:41	0°♓		
	-7486 Apr 05 j 11:48	0°♈		
	-7486 May 03 j 01:33	0°♉		
evening max el	-7486 May 17 j 05:42	14°♉16'02	46°11'55	
	-7486 Jun 03 j 20:58	0°♊		
desc. node	-7486 Jun 10 j 04:44	4°♊46'44		
greatest brilliancy	-7486 Jun 26 j 13:22	13°♊36'40	-4.9m	
retrograde	-7486 Jul 05 j 22:39	15°♊13'25		
evening set	-7486 Jul 23 j 04:27	9°♊41'37		
inferior conj	-7486 Jul 26 j 17:33	7°♊35'29	-8°35'55	
minimum elong	-7486 Jul 26 j 11:43	7°♊44'16	8°34'58	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

min. Earth dist.	-7486 Jul 26 j 15:47	7°♊38'09	0.26760 AU
morning rise	-7486 Jul 29 j 18:54	5°♊46'15	
	-7486 Aug 15 j 23:02	30°℞♉	
direct	-7486 Aug 16 j 06:00	29°♉59'54	
	-7486 Aug 16 j 12:59	0°♊	
greatest brilliancy	-7486 Aug 26 j 19:28	2°♊05'38	-4.9m
asc. node	-7486 Sep 30 j 14:26	28°♊06'59	
	-7486 Oct 02 j 12:01	0°♋	
morning max el	-7486 Oct 05 j 22:46	3°♋29'25	46°45'19
	-7486 Oct 30 j 08:42	0°♌	
	-7486 Nov 25 j 06:49	0°♍	
	-7486 Dec 20 j 15:11	0°♎	
	-7485 Jan 14 j 18:53	0°♏	
desc. node	-7485 Jan 21 j 01:08	7°♏29'18	
	-7485 Feb 08 j 19:23	0°♐	
	-7485 Mar 05 j 15:43	0°♑	
	-7485 Mar 30 j 06:54	0°♒	
morning set	-7485 Apr 07 j 03:44	9°♒38'32	
	-7485 Apr 23 j 16:47	0°♓	
max. Earth dist.	-7485 May 08 j 04:06	17°♓54'16	1.72763 AU
superior conj	-7485 May 12 j 15:24	23°♓27'07	-0°01'17
minimum elong	-7485 May 12 j 15:39	23°♓27'53	0°01'24
behind sun begin	-7485 May 11 j 17:36	22°♓19'25	
behind sun end	-7485 May 13 j 13:42	24°♓36'22	
asc. node	-7485 May 13 j 04:20	24°♓07'16	
	-7485 May 17 j 21:54	0°♈	
	-7485 Jun 10 j 23:18	0°♉	
evening rise	-7485 Jun 17 j 17:04	8°♉25'41	
	-7485 Jul 04 j 22:35	0°♊	
	-7485 Jul 28 j 21:49	0°♋	
	-7485 Aug 21 j 23:17	0°♌	
desc. node	-7485 Sep 02 j 12:15	14°♌18'45	
	-7485 Sep 15 j 05:19	0°♍	
	-7485 Oct 09 j 18:42	0°♎	
	-7485 Nov 03 j 20:49	0°♏	
	-7485 Nov 30 j 01:25	0°♐	
evening max el	-7485 Dec 22 j 03:33	23°♐13'33	45°32'15
asc. node	-7485 Dec 23 j 20:06	24°♐52'37	
	-7485 Dec 29 j 05:48	0°♑	
greatest brilliancy	-7484 Jan 29 j 03:52	21°♑38'58	-4.7m
retrograde	-7484 Feb 08 j 23:24	23°♑47'10	
evening set	-7484 Feb 26 j 11:16	17°♑59'04	
inferior conj	-7484 Mar 01 j 11:32	15°♑29'37	7°36'09
minimum elong	-7484 Mar 01 j 17:09	15°♑20'42	7°35'08
min. Earth dist.	-7484 Mar 02 j 03:09	15°♑04'53	0.29535 AU
morning rise	-7484 Mar 05 j 22:51	12°♑42'40	
direct	-7484 Mar 23 j 09:06	6°♑58'14	
greatest brilliancy	-7484 Apr 02 j 20:36	8°♑55'22	-4.7m
desc. node	-7484 Apr 14 j 09:41	14°♑44'09	
	-7484 May 03 j 22:45	0°♒	
morning max el	-7484 May 11 j 13:45	7°♒06'15	46°05'22
	-7484 Jun 02 j 18:52	0°♓	
	-7484 Jun 29 j 07:09	0°♈	
	-7484 Jul 24 j 09:29	0°♉	
asc. node	-7484 Aug 04 j 17:23	13°♉52'45	
	-7484 Aug 17 j 17:35	0°♊	
	-7484 Sep 10 j 16:34	0°♋	
	-7484 Oct 04 j 13:04	0°♌	
	-7484 Oct 28 j 11:34	0°♍	
morning set	-7484 Nov 13 j 12:54	20°♍00'26	
	-7484 Nov 21 j 14:00	0°♎	
desc. node	-7484 Nov 25 j 00:58	4°♎17'10	
	-7484 Dec 15 j 20:07	0°♏	
superior conj	-7484 Dec 24 j 18:12	11°♏00'00	-1°00'18
minimum elong	-7484 Dec 24 j 08:12	10°♏29'13	1°00'16
max. Earth dist.	-7484 Dec 27 j 04:56	14°♏00'55	1.73085 AU
	-7483 Jan 09 j 04:38	0°♐	
evening rise	-7483 Jan 31 j 21:16	27°♐53'03	
	-7483 Feb 02 j 14:39	0°♑	
greatest brilliancy	-7483 Feb 17 j 01:10	17°♑42'03	-3.9m
	-7483 Feb 27 j 02:25	0°♒	
asc. node	-7483 Mar 17 j 04:34	22°♒04'15	
	-7483 Mar 23 j 17:00	0°♓	
	-7483 Apr 17 j 11:46	0°♈	
	-7483 May 12 j 12:25	0°♉	
	-7483 Jun 06 j 22:25	0°♊	
	-7483 Jul 03 j 02:49	0°♋	
desc. node	-7483 Jul 07 j 15:19	5°♋01'40	
evening max el	-7483 Jul 29 j 21:34	28°♋40'24	47°39'14
	-7483 Jul 31 j 05:21	0°♌	
	-7483 Sep 08 j 06:24	0°♍	
greatest brilliancy	-7483 Sep 09 j 09:19	0°♍24'53	-4.9m
retrograde	-7483 Sep 18 j 21:09	2°♍09'35	
	-7483 Sep 29 j 01:11	30°℞♌	
evening set	-7483 Oct 04 j 09:40	27°♌19'30	
min. Earth dist.	-7483 Oct 09 j 04:02	24°♌26'57	0.26718 AU
inferior conj	-7483 Oct 09 j 13:17	24°♌12'34	-4°27'48
minimum elong	-7483 Oct 09 j 22:01	23°♌59'01	4°25'02
morning rise	-7483 Oct 15 j 10:45	20°♌42'06	
asc. node	-7483 Oct 28 j 01:00	16°♌34'56	
direct	-7483 Oct 29 j 18:41	16°♌31'10	
greatest brilliancy	-7483 Nov 08 j 11:41	18°♌19'40	-4.9m
	-7483 Nov 27 j 23:46	0°♍	
morning max el	-7483 Dec 18 j 12:51	18°♍27'31	46°16'53
	-7483 Dec 29 j 21:44	0°♎	
	-7482 Jan 26 j 13:25	0°♏	
desc. node	-7482 Feb 17 j 13:27	24°♏57'52	
	-7482 Feb 21 j 22:20	0°♐	
	-7482 Mar 19 j 14:16	0°♑	
	-7482 Apr 13 j 17:25	0°♒	
	-7482 May 08 j 09:50	0°♓	
	-7482 Jun 01 j 17:17	0°♈	
asc. node	-7482 Jun 09 j 17:43	9°♈58'52	
morning set	-7482 Jun 13 j 08:45	14°♈30'25	
	-7482 Jun 25 j 17:43	0°♉	
max. Earth dist.	-7482 Jul 19 j 08:14	29°♉43'10	1.71034 AU
	-7482 Jul 19 j 13:34	0°♊	
superior conj	-7482 Jul 21 j 03:36	2°♊00'00	1°16'39
minimum elong	-7482 Jul 20 j 20:22	1°♊37'11	1°16'56
	-7482 Aug 12 j 07:44	0°♋	
evening rise	-7482 Aug 30 j 08:10	22°♋43'08	
	-7482 Sep 05 j 03:03	0°♌	
	-7482 Sep 29 j 01:38	0°♍	
desc. node	-7482 Sep 30 j 00:43	1°♍12'04	
	-7482 Oct 23 j 04:38	0°♎	
	-7482 Nov 16 j 13:04	0°♏	
	-7482 Dec 11 j 05:24	0°♐	
	-7481 Jan 05 j 11:38	0°♑	
asc. node	-7481 Jan 20 j 06:58	17°♑03'17	
	-7481 Jan 31 j 20:40	0°♒	
	-7481 Mar 01 j 18:19	0°♓	
evening max el	-7481 Mar 03 j 07:03	1°♓27'24	45°00'36
greatest brilliancy	-7481 Apr 10 j 00:48	28°♓22'00	-4.7m
	-7481 Apr 16 j 18:08	0°♈	
retrograde	-7481 Apr 20 j 08:46	0°♈14'26	
	-7481 Apr 23 j 21:52	30°℞♓	
evening set	-7481 May 05 j 03:25	26°♓08'10	
inferior conj	-7481 May 11 j 13:11	22°♓26'02	0°18'19
minimum elong	-7481 May 11 j 13:51	22°♓25'00	0°18'00
min. Earth dist.	-7481 May 12 j 09:15	21°♓55'36	0.28056 AU
desc. node	-7481 May 12 j 20:24	21°♓38'44	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

morning rise	-7481 May 17 j 23:25	18°♓41'27	
direct	-7481 Jun 02 j 02:46	14°♓21'26	
greatest brilliancy	-7481 Jun 13 j 12:41	16°♓42'53	-4.8m
	-7481 Jul 04 j 11:52	0°♈	
morning max el	-7481 Jul 22 j 06:53	16°♈22'20	46°36'59
	-7481 Aug 04 j 08:11	0°♉	
	-7481 Aug 30 j 18:16	0°♊	
asc. node	-7481 Sep 02 j 05:26	2°♊54'31	
	-7481 Sep 24 j 17:42	0°♋	
	-7481 Oct 19 j 04:02	0°♌	
	-7481 Nov 12 j 11:37	0°♍	
	-7481 Dec 06 j 21:00	0°♎	
desc. node	-7481 Dec 23 j 14:23	20°♎29'40	
	-7481 Dec 31 j 08:54	0°♏	
	-7480 Jan 24 j 21:51	0°♐	
morning set	-7480 Jan 27 j 08:52	3°♐00'21	
	-7480 Feb 18 j 10:12	0°♑	
max. Earth dist.	-7480 Mar 02 j 09:34	15°♑54'19	1.73769 AU
superior conj	-7480 Mar 04 j 04:00	18°♑04'32	-1°14'37
minimum elong	-7480 Mar 04 j 10:13	18°♑23'34	1°14'59
	-7480 Mar 13 j 21:01	0°♒	
	-7480 Apr 07 j 06:20	0°♓	
evening rise	-7480 Apr 08 j 18:28	1°♓51'17	
asc. node	-7480 Apr 13 j 17:20	7°♓57'23	
	-7480 May 01 j 14:36	0°♈	
	-7480 May 25 j 22:33	0°♉	
	-7480 Jun 19 j 07:25	0°♊	
	-7480 Jul 13 j 19:25	0°♋	
desc. node	-7480 Aug 04 j 02:28	25°♋48'06	
	-7480 Aug 07 j 14:18	0°♌	
	-7480 Sep 01 j 22:47	0°♍	
	-7480 Sep 28 j 13:28	0°♎	
evening max el	-7480 Oct 09 j 07:44	11°♎20'04	47°10'41
	-7480 Oct 29 j 06:34	0°♏	
greatest brilliancy	-7480 Nov 18 j 04:22	12°♏45'08	-4.8m
asc. node	-7480 Nov 24 j 11:47	14°♏36'55	
retrograde	-7480 Nov 29 j 04:28	15°♏03'21	
evening set	-7480 Dec 14 j 18:28	10°♏08'00	
min. Earth dist.	-7480 Dec 19 j 09:58	7°♏14'36	0.28519 AU
inferior conj	-7480 Dec 20 j 07:42	6°♏39'33	5°35'08
minimum elong	-7480 Dec 19 j 22:57	6°♏53'39	5°33'01
morning rise	-7480 Dec 25 j 04:11	3°♏37'24	
	-7479 Jan 01 j 16:06	30°℞♎	
direct	-7479 Jan 10 j 11:32	28°♎25'52	
greatest brilliancy	-7479 Jan 19 j 05:09	29°♎50'48	-4.7m
	-7479 Jan 19 j 16:39	0°♏	
morning max el	-7479 Feb 28 j 04:02	28°♏09'58	45°53'49
	-7479 Mar 02 j 02:07	0°♐	
desc. node	-7479 Mar 17 j 01:00	14°♐59'35	
	-7479 Mar 31 j 02:48	0°♑	
	-7479 Apr 26 j 19:19	0°♒	
	-7479 May 22 j 07:39	0°♓	
	-7479 Jun 16 j 01:44	0°♈	
asc. node	-7479 Jul 07 j 06:52	26°♈14'51	
	-7479 Jul 10 j 07:04	0°♉	
greatest brilliancy	-7479 Jul 29 j 17:28	24°♉23'29	-3.9m
	-7479 Aug 03 j 04:13	0°♊	
morning set	-7479 Aug 25 j 10:03	28°♊07'30	
	-7479 Aug 26 j 21:37	0°♋	
	-7479 Sep 19 j 15:13	0°♌	
superior conj	-7479 Oct 05 j 23:13	20°♌33'47	0°46'49
minimum elong	-7479 Oct 06 j 10:12	21°♌08'16	0°46'44
max. Earth dist.	-7479 Oct 12 j 07:20	28°♌30'54	1.71262 AU
	-7479 Oct 13 j 11:46	0°♍	
desc. node	-7479 Oct 27 j 13:48	17°♍36'51	
	-7479 Nov 06 j 12:24	0°♎	
evening rise	-7479 Nov 17 j 20:35	14°♎05'09	
	-7479 Nov 30 j 17:02	0°♏	
	-7479 Dec 25 j 01:34	0°♐	
	-7478 Jan 18 j 15:01	0°♑	
	-7478 Feb 12 j 12:12	0°♒	
asc. node	-7478 Feb 16 j 18:33	5°♒05'19	
	-7478 Mar 09 j 21:37	0°♓	
	-7478 Apr 05 j 02:43	0°♈	
	-7478 May 02 j 21:04	0°♉	
evening max el	-7478 May 14 j 17:34	11°♉50'56	46°08'17
	-7478 Jun 04 j 11:58	0°♊	
desc. node	-7478 Jun 09 j 06:59	3°♊26'40	
greatest brilliancy	-7478 Jun 24 j 00:35	11°♊08'31	-4.8m
retrograde	-7478 Jul 03 j 10:04	12°♊45'46	
evening set	-7478 Jul 20 j 12:23	7°♊19'39	
inferior conj	-7478 Jul 24 j 05:39	5°♊07'56	-8°28'14
minimum elong	-7478 Jul 23 j 23:01	5°♊17'53	8°27'09
min. Earth dist.	-7478 Jul 24 j 04:24	5°♊09'49	0.26787 AU
morning rise	-7478 Jul 27 j 09:31	3°♊15'12	
	-7478 Aug 02 j 16:07	30°℞♉	
direct	-7478 Aug 13 j 18:15	27°♉31'31	
greatest brilliancy	-7478 Aug 24 j 09:49	29°♉39'00	-4.9m
	-7478 Aug 25 j 07:03	0°♊	
asc. node	-7478 Sep 29 j 16:36	27°♊10'24	
	-7478 Oct 02 j 11:58	0°♋	
morning max el	-7478 Oct 03 j 11:11	0°♋59'14	46°45'54
	-7478 Oct 30 j 01:38	0°♌	
	-7478 Nov 24 j 21:09	0°♍	
	-7478 Dec 20 j 04:10	0°♎	
	-7477 Jan 14 j 07:03	0°♏	
desc. node	-7477 Jan 20 j 03:10	6°♏59'29	
	-7477 Feb 08 j 07:00	0°♐	
	-7477 Mar 05 j 02:56	0°♑	
	-7477 Mar 29 j 17:52	0°♒	
morning set	-7477 Apr 04 j 23:15	7°♒37'36	
	-7477 Apr 23 j 03:39	0°♓	
max. Earth dist.	-7477 May 06 j 02:30	16°♓01'11	1.72819 AU
superior conj	-7477 May 10 j 10:21	21°♓23'11	-0°04'20
minimum elong	-7477 May 10 j 11:13	21°♓25'53	0°04'25
behind sun begin	-7477 May 09 j 13:49	20°♓19'27	
behind sun end	-7477 May 11 j 08:38	22°♓32'19	
asc. node	-7477 May 12 j 06:38	23°♓40'36	
	-7477 May 17 j 08:48	0°♈	
	-7477 Jun 10 j 10:22	0°♉	
evening rise	-7477 Jun 15 j 10:29	6°♉15'22	
	-7477 Jul 04 j 09:53	0°♊	
	-7477 Jul 28 j 09:23	0°♋	
	-7477 Aug 21 j 11:11	0°♌	
desc. node	-7477 Sep 01 j 14:17	13°♌47'40	
	-7477 Sep 14 j 17:38	0°♍	
	-7477 Oct 09 j 07:38	0°♎	
	-7477 Nov 03 j 10:53	0°♏	
	-7477 Nov 29 j 18:03	0°♐	
evening max el	-7477 Dec 19 j 19:04	21°♐00'14	45°35'05
asc. node	-7477 Dec 22 j 22:18	24°♐03'16	
	-7477 Dec 29 j 07:23	0°♑	
greatest brilliancy	-7476 Jan 26 j 19:48	19°♑31'06	-4.7m
retrograde	-7476 Feb 06 j 17:10	21°♑41'07	
evening set	-7476 Feb 24 j 05:52	15°♑49'58	
inferior conj	-7476 Feb 28 j 04:45	13°♑22'29	7°42'08
minimum elong	-7476 Feb 28 j 09:52	13°♑14'23	7°41'13
min. Earth dist.	-7476 Feb 28 j 18:56	13°♑00'01	0.29550 AU
morning rise	-7476 Mar 03 j 13:44	10°♑39'08	
direct	-7476 Mar 21 j 02:16	4°♑50'49	
greatest brilliancy	-7476 Mar 31 j 11:58	6°♑46'51	-4.7m

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

desc. node	-7476 Apr 13 j 11:55	13°♉30'25	
	-7476 May 04 j 00:00	0°♒	
morning max el	-7476 May 09 j 07:01	4°♒58'46	46°04'36
	-7476 Jun 02 j 11:24	0°♓	
	-7476 Jun 28 j 21:02	0°♈	
	-7476 Jul 23 j 22:13	0°♉	
asc. node	-7476 Aug 03 j 19:30	13°♉21'04	
	-7476 Aug 17 j 05:44	0°♊	
	-7476 Sep 10 j 04:24	0°♋	
	-7476 Oct 04 j 00:43	0°♌	
	-7476 Oct 27 j 23:04	0°♍	
morning set	-7476 Nov 10 j 23:07	17°♍27'25	
	-7476 Nov 21 j 01:23	0°♎	
desc. node	-7476 Nov 24 j 03:10	3°♎48'49	
	-7476 Dec 15 j 07:22	0°♏	
superior conj	-7476 Dec 22 j 07:30	8°♏38'32	-0°57'52
minimum elong	-7476 Dec 21 j 21:24	8°♏07'25	0°57'49
max. Earth dist.	-7476 Dec 24 j 22:06	11°♏51'29	1.73036 AU
	-7475 Jan 08 j 15:47	0°♐	
evening rise	-7475 Jan 29 j 14:15	25°♐43'45	
	-7475 Feb 02 j 01:48	0°♑	
greatest brilliancy	-7475 Feb 16 j 03:00	17°♑13'17	-3.9m
	-7475 Feb 26 j 13:42	0°♒	
asc. node	-7475 Mar 16 j 06:43	21°♒35'45	
	-7475 Mar 23 j 04:36	0°♓	
	-7475 Apr 16 j 23:55	0°♈	
	-7475 May 12 j 01:26	0°♉	
	-7475 Jun 06 j 12:53	0°♊	
	-7475 Jul 02 j 20:02	0°♋	
desc. node	-7475 Jul 06 j 17:27	4°♋18'12	
evening max el	-7475 Jul 27 j 12:27	26°♋18'07	47°37'41
	-7475 Jul 31 j 05:54	0°♌	
greatest brilliancy	-7475 Sep 06 j 22:47	27°♌55'56	-4.9m
retrograde	-7475 Sep 16 j 10:50	29°♌40'22	
evening set	-7475 Oct 02 j 01:30	24°♌46'43	
min. Earth dist.	-7475 Oct 06 j 17:19	21°♌57'53	0.26693 AU
inferior conj	-7475 Oct 07 j 02:14	21°♌44'03	-4°48'15
minimum elong	-7475 Oct 07 j 11:26	21°♌29'47	4°45'24
morning rise	-7475 Oct 12 j 21:48	18°♌16'45	
direct	-7475 Oct 27 j 08:05	14°♌03'31	
asc. node	-7475 Oct 27 j 03:24	14°♌03'34	
greatest brilliancy	-7475 Nov 06 j 00:50	15°♌52'22	-4.9m
	-7475 Nov 28 j 13:09	0°♍	
morning max el	-7475 Dec 16 j 03:41	16°♍07'57	46°17'57
	-7475 Dec 29 j 17:22	0°♎	
	-7474 Jan 26 j 04:44	0°♏	
desc. node	-7474 Feb 16 j 15:34	24°♏24'47	
	-7474 Feb 21 j 11:42	0°♐	
	-7474 Mar 19 j 02:35	0°♑	
	-7474 Apr 13 j 05:09	0°♒	
	-7474 May 07 j 21:14	0°♓	
	-7474 Jun 01 j 04:32	0°♈	
asc. node	-7474 Jun 08 j 19:49	9°♈30'27	
morning set	-7474 Jun 11 j 01:36	12°♈18'12	
	-7474 Jun 25 j 04:55	0°♉	
max. Earth dist.	-7474 Jul 16 j 14:19	26°♉55'34	1.71073 AU
superior conj	-7474 Jul 18 j 17:45	29°♉37'46	1°15'12
minimum elong	-7474 Jul 18 j 10:02	29°♉13'24	1°15'26
	-7474 Jul 19 j 00:48	0°♊	
	-7474 Aug 11 j 19:03	0°♋	
evening rise	-7474 Aug 27 j 17:37	20°♋05'49	
	-7474 Sep 04 j 14:30	0°♌	
	-7474 Sep 28 j 13:14	0°♍	
desc. node	-7474 Sep 29 j 02:54	0°♍42'40	
	-7474 Oct 22 j 16:25	0°♎	
	-7474 Nov 16 j 01:07	0°♏	
	-7474 Dec 10 j 17:57	0°♐	
	-7473 Jan 05 j 01:14	0°♑	
asc. node	-7473 Jan 19 j 09:07	16°♑27'48	
	-7473 Jan 31 j 12:40	0°♒	
evening max el	-7473 Feb 28 j 21:59	29°♒13'54	44°59'53
	-7473 Mar 01 j 17:32	0°♓	
greatest brilliancy	-7473 Apr 07 j 15:34	26°♓08'17	-4.7m
retrograde	-7473 Apr 17 j 22:32	27°♓59'56	
evening set	-7473 May 02 j 19:01	23°♓52'07	
inferior conj	-7473 May 09 j 03:49	20°♓10'54	0°39'08
minimum elong	-7473 May 09 j 05:16	20°♓08'42	0°38'33
min. Earth dist.	-7473 May 10 j 00:53	19°♓38'52	0.28115 AU
desc. node	-7473 May 11 j 22:41	18°♓29'52	
morning rise	-7473 May 15 j 14:34	16°♓24'54	
direct	-7473 May 30 j 17:52	12°♓05'06	
greatest brilliancy	-7473 Jun 11 j 04:04	14°♓26'05	-4.8m
	-7473 Jul 04 j 20:54	0°♈	
morning max el	-7473 Jul 19 j 20:25	13°♈59'05	46°36'09
	-7473 Aug 04 j 02:51	0°♉	
	-7473 Aug 30 j 09:18	0°♊	
asc. node	-7473 Sep 01 j 07:36	2°♊16'58	
	-7473 Sep 24 j 07:10	0°♋	
	-7473 Oct 18 j 16:41	0°♌	
	-7473 Nov 11 j 23:46	0°♍	
	-7473 Dec 06 j 08:48	0°♎	
desc. node	-7473 Dec 22 j 16:21	20°♎00'15	
	-7473 Dec 30 j 20:24	0°♏	
	-7472 Jan 24 j 09:08	0°♐	
morning set	-7472 Jan 25 j 00:41	0°♐47'34	
	-7472 Feb 17 j 21:20	0°♑	
max. Earth dist.	-7472 Feb 29 j 05:48	13°♑55'09	1.73771 AU
superior conj	-7472 Mar 01 j 22:36	16°♑00'20	-1°15'48
minimum elong	-7472 Mar 02 j 04:24	16°♑18'07	1°16'12
	-7472 Mar 13 j 08:07	0°♒	
evening rise	-7472 Apr 06 j 13:50	29°♒48'42	
	-7472 Apr 06 j 17:30	0°♓	
asc. node	-7472 Apr 12 j 19:35	7°♓29'45	
	-7472 May 01 j 01:59	0°♈	
	-7472 May 25 j 10:16	0°♉	
	-7472 Jun 18 j 19:37	0°♊	
	-7472 Jul 13 j 08:17	0°♋	
desc. node	-7472 Aug 03 j 04:36	25°♋13'35	
	-7472 Aug 07 j 04:06	0°♌	
	-7472 Sep 01 j 14:12	0°♍	
	-7472 Sep 28 j 08:37	0°♎	
evening max el	-7472 Oct 06 j 22:28	8°♎59'12	47°13'31
	-7472 Oct 29 j 18:29	0°♏	
greatest brilliancy	-7472 Nov 15 j 22:27	10°♏31'52	-4.9m
asc. node	-7472 Nov 23 j 13:56	12°♏35'43	
retrograde	-7472 Nov 26 j 20:43	12°♏48'47	
evening set	-7472 Dec 12 j 08:53	7°♏56'56	
min. Earth dist.	-7472 Dec 17 j 02:16	5°♏00'57	0.28449 AU
inferior conj	-7472 Dec 18 j 00:08	4°♏25'41	5°20'45
minimum elong	-7472 Dec 17 j 15:28	4°♏39'40	5°18'35
morning rise	-7472 Dec 22 j 22:46	1°♏20'13	
	-7472 Dec 25 j 08:06	30°℞♎	
direct	-7471 Jan 08 j 02:38	26°♎13'07	
greatest brilliancy	-7471 Jan 16 j 21:05	27°♎38'27	-4.7m
	-7471 Jan 22 j 19:05	0°♏	
morning max el	-7471 Feb 25 j 18:35	25°♏56'02	45°54'02
	-7471 Mar 01 j 23:58	0°♐	
desc. node	-7471 Mar 16 j 03:13	14°♐18'36	
	-7471 Mar 30 j 18:34	0°♑	
	-7471 Apr 26 j 08:50	0°♒	
	-7471 May 21 j 20:06	0°♓	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7471 Jun 15 j 13:37	0°♈		
asc. node	-7471 Jul 06 j 08:53	25°♈44'54		
	-7471 Jul 09 j 18:40	0°♉		
greatest brilliancy	-7471 Jul 29 j 19:17	25°♉08'33	-3.9m	
	-7471 Aug 02 j 15:41	0°♊		
morning set	-7471 Aug 22 j 20:57	25°♊33'52		
	-7471 Aug 26 j 09:03	0°♋		
	-7471 Sep 19 j 02:37	0°♌		
superior conj	-7471 Oct 03 j 07:53	17°♌54'32	0°50'04	
minimum elong	-7471 Oct 03 j 19:15	18°♌30'15	0°50'01	
max. Earth dist.	-7471 Oct 09 j 11:01	25°♌36'26	1.71203 AU	
	-7471 Oct 12 j 23:07	0°♍		
desc. node	-7471 Oct 26 j 15:59	17°♍08'16		
	-7471 Nov 05 j 23:43	0°♎		
evening rise	-7471 Nov 15 j 07:04	11°♎33'42		
	-7471 Nov 30 j 04:21	0°♏		
	-7471 Dec 24 j 12:58	0°♐		
	-7470 Jan 18 j 02:42	0°♑		
	-7470 Feb 12 j 00:25	0°♒		
asc. node	-7470 Feb 15 j 20:42	4°♒34'56		
	-7470 Mar 09 j 10:55	0°♓		
	-7470 Apr 04 j 18:09	0°♈		
	-7470 May 02 j 17:32	0°♉		
evening max el	-7470 May 12 j 05:53	9°♉26'24	46°04'52	
	-7470 Jun 05 j 08:21	0°♊		
desc. node	-7470 Jun 08 j 09:03	2°♊02'57		
greatest brilliancy	-7470 Jun 21 j 11:04	8°♊39'03	-4.8m	
retrograde	-7470 Jun 30 j 21:57	10°♊17'35		
evening set	-7470 Jul 17 j 20:04	4°♊57'06		
inferior conj	-7470 Jul 21 j 17:38	2°♊39'37	-8°19'32	
minimum elong	-7470 Jul 21 j 10:15	2°♊50'39	8°18'18	
min. Earth dist.	-7470 Jul 21 j 16:33	2°♊41'13	0.26814 AU	
morning rise	-7470 Jul 25 j 00:17	0°♊43'07		
	-7470 Jul 26 j 06:33	30°℞♉		
direct	-7470 Aug 11 j 06:50	25°♉02'25		
greatest brilliancy	-7470 Aug 21 j 23:33	27°♉11'11	-4.9m	
	-7470 Aug 27 j 23:20	0°♊		
asc. node	-7470 Sep 28 j 18:54	26°♊14'54		
morning max el	-7470 Oct 01 j 00:37	28°♊31'21	46°46'32	
	-7470 Oct 02 j 11:04	0°♋		
	-7470 Oct 29 j 18:21	0°♌		
	-7470 Nov 24 j 11:24	0°♍		
	-7470 Dec 19 j 17:06	0°♎		
	-7469 Jan 13 j 19:10	0°♏		
desc. node	-7469 Jan 19 j 05:18	6°♏30'02		
	-7469 Feb 07 j 18:35	0°♐		
	-7469 Mar 04 j 14:10	0°♑		
	-7469 Mar 29 j 04:55	0°♒		
morning set	-7469 Apr 02 j 18:34	5°♒35'51		
	-7469 Apr 22 j 14:37	0°♓		
max. Earth dist.	-7469 May 04 j 00:01	14°♓05'06	1.72876 AU	
superior conj	-7469 May 08 j 05:04	19°♓18'12	-0°07'22	
minimum elong	-7469 May 08 j 06:30	19°♓22'42	0°07'26	
behind sun begin	-7469 May 07 j 10:47	18°♓21'32		
behind sun end	-7469 May 09 j 02:14	20°♓23'52		
asc. node	-7469 May 11 j 08:41	23°♓12'49		
	-7469 May 16 j 19:49	0°♈		
	-7469 Jun 09 j 21:31	0°♉		
evening rise	-7469 Jun 13 j 03:39	4°♉04'05		
	-7469 Jul 03 j 21:15	0°♊		
	-7469 Jul 27 j 21:01	0°♋		
	-7469 Aug 20 j 23:08	0°♌		
desc. node	-7469 Aug 31 j 16:30	13°♌16'58		
	-7469 Sep 14 j 06:00	0°♍		
	-7469 Oct 08 j 20:38	0°♎		
	-7469 Nov 03 j 01:01	0°♏		
	-7469 Nov 29 j 10:52	0°♐		
evening max el	-7469 Dec 17 j 11:30	18°♐49'34	45°38'05	
asc. node	-7469 Dec 22 j 00:27	23°♐13'30		
	-7469 Dec 29 j 10:11	0°♑		
greatest brilliancy	-7468 Jan 24 j 11:58	17°♑24'16	-4.7m	
retrograde	-7468 Feb 04 j 11:07	19°♑35'45		
evening set	-7468 Feb 22 j 00:26	13°♑42'07		
inferior conj	-7468 Feb 25 j 22:07	11°♑16'07	7°47'23	
minimum elong	-7468 Feb 26 j 02:41	11°♑08'52	7°46'33	
min. Earth dist.	-7468 Feb 26 j 10:32	10°♑56'25	0.29565 AU	
morning rise	-7468 Mar 01 j 04:52	8°♑36'06		
direct	-7468 Mar 18 j 19:58	2°♑44'24		
greatest brilliancy	-7468 Mar 29 j 02:48	4°♑38'24	-4.7m	
desc. node	-7468 Apr 12 j 14:10	12°♑19'19		
	-7468 May 03 j 23:58	0°♒		
morning max el	-7468 May 07 j 00:25	2°♒51'55	46°03'32	
	-7468 Jun 02 j 03:40	0°♓		
	-7468 Jun 28 j 10:49	0°♈		
	-7468 Jul 23 j 10:54	0°♉		
asc. node	-7468 Aug 02 j 21:43	12°♉49'48		
	-7468 Aug 16 j 17:49	0°♊		
	-7468 Sep 09 j 16:08	0°♋		
	-7468 Oct 03 j 12:14	0°♌		
	-7468 Oct 27 j 10:26	0°♍		
morning set	-7468 Nov 08 j 09:22	14°♍54'48		
	-7468 Nov 20 j 12:36	0°♎		
desc. node	-7468 Nov 23 j 05:07	3°♎20'09		
	-7468 Dec 14 j 18:26	0°♏		
superior conj	-7468 Dec 19 j 20:44	6°♏17'18	-0°55'22	
minimum elong	-7468 Dec 19 j 10:37	5°♏46'04	0°55'15	
max. Earth dist.	-7468 Dec 22 j 16:47	9°♏47'06	1.72983 AU	
	-7467 Jan 08 j 02:44	0°♐		
evening rise	-7467 Jan 27 j 07:23	23°♐35'27		
	-7467 Feb 01 j 12:44	0°♑		
greatest brilliancy	-7467 Feb 14 j 23:10	16°♑27'56	-3.9m	
	-7467 Feb 26 j 00:45	0°♒		
asc. node	-7467 Mar 15 j 08:59	21°♒08'21		
	-7467 Mar 22 j 16:00	0°♓		
	-7467 Apr 16 j 11:55	0°♈		
	-7467 May 11 j 14:24	0°♉		
	-7467 Jun 06 j 03:25	0°♊		
	-7467 Jul 02 j 13:33	0°♋		
desc. node	-7467 Jul 05 j 19:37	3°♋34'26		
evening max el	-7467 Jul 25 j 03:25	23°♋56'11	47°36'00	
	-7467 Jul 31 j 07:38	0°♌		
greatest brilliancy	-7467 Sep 04 j 12:30	25°♌27'30	-4.9m	
retrograde	-7467 Sep 14 j 00:14	27°♌11'03		
evening set	-7467 Sep 29 j 17:23	22°♌14'08		
inferior conj	-7467 Oct 04 j 15:04	19°♌15'45	-5°08'13	
minimum elong	-7467 Oct 05 j 00:40	19°♌00'52	5°05'19	
min. Earth dist.	-7467 Oct 04 j 06:35	19°♌28'56	0.26665 AU	
morning rise	-7467 Oct 10 j 08:26	15°♌51'46		
direct	-7467 Oct 24 j 21:15	11°♌36'20		
asc. node	-7467 Oct 26 j 05:33	11°♌38'34		
greatest brilliancy	-7467 Nov 03 j 13:53	13°♌25'14	-4.9m	
	-7467 Nov 28 j 22:51	0°♍		
morning max el	-7467 Dec 13 j 17:36	13°♍46'41	46°19'03	
	-7467 Dec 29 j 12:10	0°♎		
	-7466 Jan 25 j 19:31	0°♏		
desc. node	-7466 Feb 15 j 17:44	23°♏52'58		
	-7466 Feb 21 j 00:38	0°♐		
	-7466 Mar 18 j 14:31	0°♑		
	-7466 Apr 12 j 16:30	0°♒		
	-7466 May 07 j 08:18	0°♓		
	-7466 May 31 j 15:29	0°♈		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

asc. node	-7466 Jun 07 j 21:54	9°♈02'51	
morning set	-7466 Jun 08 j 18:35	10°♈07'21	
	-7466 Jun 24 j 15:53	0°♉	
max. Earth dist.	-7466 Jul 13 j 19:33	24°♉05'58	1.71124 AU
superior conj	-7466 Jul 16 j 07:55	27°♉16'18	1°13'36
minimum elong	-7466 Jul 15 j 23:47	26°♉50'38	1°13'49
	-7466 Jul 18 j 11:50	0°♊	
	-7466 Aug 11 j 06:12	0°♋	
evening rise	-7466 Aug 25 j 02:53	17°♋28'29	
	-7466 Sep 04 j 01:47	0°♌	
desc. node	-7466 Sep 28 j 05:02	0°♍13'45	
	-7466 Sep 28 j 00:38	0°♍	
	-7466 Oct 22 j 03:58	0°♎	
	-7466 Nov 15 j 12:54	0°♏	
	-7466 Dec 10 j 06:15	0°♐	
	-7465 Jan 04 j 14:36	0°♑	
asc. node	-7465 Jan 18 j 11:23	15°♑53'31	
	-7465 Jan 31 j 04:30	0°♒	
evening max el	-7465 Feb 26 j 12:32	27°♒00'54	44°59'25
	-7465 Mar 01 j 17:11	0°♓	
greatest brilliancy	-7465 Apr 05 j 06:39	23°♓57'04	-4.7m
retrograde	-7465 Apr 15 j 12:40	25°♓48'23	
evening set	-7465 Apr 30 j 11:10	21°♓38'27	
inferior conj	-7465 May 06 j 18:56	17°♓58'36	0°59'22
minimum elong	-7465 May 06 j 21:07	17°♓55'16	0°58'35
min. Earth dist.	-7465 May 07 j 17:05	17°♓24'51	0.28177 AU
desc. node	-7465 May 11 j 00:41	15°♓26'00	
morning rise	-7465 May 13 j 06:00	14°♓11'31	
direct	-7465 May 28 j 09:02	9°♓51'24	
greatest brilliancy	-7465 Jun 08 j 20:20	12°♓12'40	-4.8m
	-7465 Jul 05 j 02:47	0°♈	
morning max el	-7465 Jul 17 j 10:12	11°♈37'56	46°35'03
	-7465 Aug 03 j 20:41	0°♉	
	-7465 Aug 29 j 23:54	0°♊	
asc. node	-7465 Aug 31 j 09:52	1°♊40'44	
	-7465 Sep 23 j 20:22	0°♋	
	-7465 Oct 18 j 05:06	0°♌	
	-7465 Nov 11 j 11:39	0°♍	
	-7465 Dec 05 j 20:16	0°♎	
desc. node	-7465 Dec 21 j 18:31	19°♎32'22	
	-7465 Dec 30 j 07:33	0°♏	
morning set	-7464 Jan 22 j 16:23	28°♏35'23	
	-7464 Jan 23 j 20:03	0°♐	
	-7464 Feb 17 j 08:07	0°♑	
max. Earth dist.	-7464 Feb 27 j 01:03	11°♑54'04	1.73771 AU
superior conj	-7464 Feb 28 j 17:25	13°♑57'51	-1°16'53
minimum elong	-7464 Feb 28 j 22:47	14°♑14'21	1°17'19
	-7464 Mar 12 j 18:51	0°♒	
evening rise	-7464 Apr 04 j 09:33	27°♒48'27	
	-7464 Apr 06 j 04:18	0°♓	
asc. node	-7464 Apr 11 j 21:41	7°♓02'51	
	-7464 Apr 30 j 12:58	0°♈	
	-7464 May 24 j 21:35	0°♉	
	-7464 Jun 18 j 07:27	0°♊	
	-7464 Jul 12 j 20:50	0°♋	
desc. node	-7464 Aug 02 j 06:49	24°♋40'06	
	-7464 Aug 06 j 17:41	0°♌	
	-7464 Sep 01 j 05:36	0°♍	
	-7464 Sep 28 j 04:10	0°♎	
evening max el	-7464 Oct 04 j 12:54	6°♎37'48	47°16'18
	-7464 Oct 30 j 10:20	0°♏	
greatest brilliancy	-7464 Nov 13 j 16:15	8°♏18'02	-4.9m
asc. node	-7464 Nov 22 j 16:05	10°♏29'49	
retrograde	-7464 Nov 24 j 13:02	10°♏34'07	
evening set	-7464 Dec 09 j 23:09	5°♏45'20	
min. Earth dist.	-7464 Dec 14 j 18:22	2°♏47'05	0.28374 AU
inferior conj	-7464 Dec 15 j 16:21	2°♏11'42	5°05'48
minimum elong	-7464 Dec 15 j 07:49	2°♏25'26	5°03'36
	-7464 Dec 19 j 03:23	30°℞♎	
morning rise	-7464 Dec 20 j 17:11	29°♎03'07	
direct	-7463 Jan 05 j 17:16	24°♎00'09	
greatest brilliancy	-7463 Jan 14 j 12:52	25°♎26'17	-4.8m
	-7463 Jan 24 j 14:35	0°♏	
morning max el	-7463 Feb 23 j 09:39	23°♏44'14	45°54'27
	-7463 Mar 01 j 20:41	0°♐	
desc. node	-7463 Mar 15 j 05:25	13°♐39'07	
	-7463 Mar 30 j 09:42	0°♑	
	-7463 Apr 25 j 21:52	0°♒	
	-7463 May 21 j 08:06	0°♓	
	-7463 Jun 15 j 01:04	0°♈	
asc. node	-7463 Jul 05 j 11:10	25°♈17'01	
	-7463 Jul 09 j 05:51	0°♉	
greatest brilliancy	-7463 Jul 29 j 15:55	25°♉38'38	-3.9m
	-7463 Aug 02 j 02:47	0°♊	
morning set	-7463 Aug 20 j 08:19	23°♊02'53	
	-7463 Aug 25 j 20:08	0°♋	
	-7463 Sep 18 j 13:43	0°♌	
superior conj	-7463 Sep 30 j 16:24	15°♌15'29	0°53'13
minimum elong	-7463 Oct 01 j 04:03	15°♌52'07	0°53'11
max. Earth dist.	-7463 Oct 06 j 13:06	22°♌37'28	1.71156 AU
	-7463 Oct 12 j 10:14	0°♍	
desc. node	-7463 Oct 25 j 17:59	16°♍39'45	
	-7463 Nov 05 j 10:50	0°♎	
evening rise	-7463 Nov 12 j 16:52	9°♎00'41	
	-7463 Nov 29 j 15:30	0°♏	
	-7463 Dec 24 j 00:12	0°♐	
	-7462 Jan 17 j 14:10	0°♑	
	-7462 Feb 11 j 12:26	0°♒	
asc. node	-7462 Feb 14 j 22:58	4°♒05'34	
	-7462 Mar 09 j 00:02	0°♓	
	-7462 Apr 04 j 09:29	0°♈	
	-7462 May 02 j 14:15	0°♉	
evening max el	-7462 May 09 j 19:28	7°♉06'20	46°01'37
	-7462 Jun 06 j 10:57	0°♊	
desc. node	-7462 Jun 07 j 11:20	0°♊38'15	
greatest brilliancy	-7462 Jun 18 j 21:23	6°♊11'23	-4.8m
retrograde	-7462 Jun 28 j 10:38	7°♊51'31	
evening set	-7462 Jul 15 j 03:59	2°♊36'49	
inferior conj	-7462 Jul 19 j 05:51	0°♊13'23	-8°10'01
minimum elong	-7462 Jul 18 j 21:49	0°♊25'24	8°08'36
min. Earth dist.	-7462 Jul 19 j 04:40	0°♊15'10	0.26840 AU
	-7462 Jul 19 j 14:49	30°℞♉	
morning rise	-7462 Jul 22 j 15:30	28°♉12'50	
direct	-7462 Aug 08 j 20:10	22°♉35'41	
greatest brilliancy	-7462 Aug 19 j 12:49	24°♉44'46	-4.9m
	-7462 Aug 29 j 14:29	0°♊	
asc. node	-7462 Sep 27 j 21:04	25°♊21'26	
morning max el	-7462 Sep 28 j 14:46	26°♊06'37	46°46'51
	-7462 Oct 02 j 08:49	0°♋	
	-7462 Oct 29 j 10:30	0°♌	
	-7462 Nov 24 j 01:20	0°♍	
	-7462 Dec 19 j 05:50	0°♎	
	-7461 Jan 13 j 07:09	0°♏	
desc. node	-7461 Jan 18 j 07:31	6°♏01'08	
	-7461 Feb 07 j 06:01	0°♐	
	-7461 Mar 04 j 01:14	0°♑	
	-7461 Mar 28 j 15:45	0°♒	
morning set	-7461 Mar 31 j 13:49	3°♒34'31	
	-7461 Apr 22 j 01:23	0°♓	
max. Earth dist.	-7461 May 01 j 20:41	12°♓07'02	1.72928 AU

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

superior conj	-7461 May 05 j 23:54	17°♓14'19	-0°10'23
minimum elong	-7461 May 06 j 01:56	17°♓20'36	0°10'27
behind sun begin	-7461 May 05 j 09:09	16°♓28'34	
behind sun end	-7461 May 06 j 18:43	18°♓12'39	
asc. node	-7461 May 10 j 10:47	22°♓45'44	
	-7461 May 16 j 06:39	0°♈	
	-7461 Jun 09 j 08:30	0°♉	
evening rise	-7461 Jun 10 j 21:13	1°♉54'37	
	-7461 Jul 03 j 08:26	0°♊	
	-7461 Jul 27 j 08:26	0°♋	
	-7461 Aug 20 j 10:52	0°♌	
desc. node	-7461 Aug 30 j 18:40	12°♌46'49	
	-7461 Sep 13 j 18:11	0°♍	
	-7461 Oct 08 j 09:30	0°♎	
	-7461 Nov 02 j 15:09	0°♏	
	-7461 Nov 29 j 03:58	0°♐	
evening max el	-7461 Dec 15 j 04:16	16°♐39'30	45°40'54
asc. node	-7461 Dec 21 j 02:48	22°♐23'10	
	-7461 Dec 29 j 14:48	0°♑	
greatest brilliancy	-7460 Jan 22 j 04:46	15°♑17'40	-4.7m
retrograde	-7460 Feb 02 j 04:45	17°♑29'36	
evening set	-7460 Feb 19 j 18:46	11°♑34'06	
inferior conj	-7460 Feb 23 j 15:22	9°♑09'16	7°52'05
minimum elong	-7460 Feb 23 j 19:21	9°♑02'56	7°51'20
min. Earth dist.	-7460 Feb 24 j 02:08	8°♑52'09	0.29572 AU
morning rise	-7460 Feb 27 j 19:57	6°♑32'17	
direct	-7460 Mar 16 j 13:29	0°♑37'43	
greatest brilliancy	-7460 Mar 26 j 17:11	2°♑29'09	-4.7m
desc. node	-7460 Apr 11 j 16:14	11°♑09'46	
	-7460 May 03 j 22:54	0°♒	
morning max el	-7460 May 04 j 17:05	0°♒43'31	46°02'34
	-7460 Jun 01 j 19:35	0°♓	
	-7460 Jun 28 j 00:25	0°♈	
	-7460 Jul 22 j 23:25	0°♉	
asc. node	-7460 Aug 01 j 23:53	12°♉18'44	
	-7460 Aug 16 j 05:47	0°♊	
	-7460 Sep 09 j 03:46	0°♋	
	-7460 Oct 02 j 23:39	0°♌	
	-7460 Oct 26 j 21:42	0°♍	
morning set	-7460 Nov 05 j 19:53	12°♍23'13	
	-7460 Nov 19 j 23:45	0°♎	
desc. node	-7460 Nov 22 j 07:17	2°♎52'19	
	-7460 Dec 14 j 05:29	0°♏	
superior conj	-7460 Dec 17 j 09:47	3°♏55'28	-0°52'43
minimum elong	-7460 Dec 16 j 23:43	3°♏24'22	0°52'35
max. Earth dist.	-7460 Dec 20 j 12:34	7°♏46'06	1.72935 AU
	-7459 Jan 07 j 13:44	0°♐	
evening rise	-7459 Jan 25 j 00:08	21°♐25'50	
	-7459 Jan 31 j 23:44	0°♑	
greatest brilliancy	-7459 Feb 14 j 04:00	16°♑08'45	-3.9m
	-7459 Feb 25 j 11:55	0°♒	
asc. node	-7459 Mar 14 j 11:04	20°♒40'06	
	-7459 Mar 22 j 03:31	0°♓	
	-7459 Apr 16 j 00:02	0°♈	
	-7459 May 11 j 03:29	0°♉	
	-7459 Jun 05 j 18:08	0°♊	
	-7459 Jul 02 j 07:27	0°♋	
desc. node	-7459 Jul 04 j 21:53	2°♋50'21	
evening max el	-7459 Jul 22 j 17:51	21°♋32'49	47°34'07
	-7459 Jul 31 j 10:47	0°♌	
greatest brilliancy	-7459 Sep 02 j 02:49	22°♌59'50	-4.9m
retrograde	-7459 Sep 11 j 13:13	24°♌41'43	
evening set	-7459 Sep 27 j 09:25	19°♌41'35	
inferior conj	-7459 Oct 02 j 03:59	16°♌47'41	-5°27'41
minimum elong	-7459 Oct 02 j 13:55	16°♌32'17	5°24'46
min. Earth dist.	-7459 Oct 01 j 20:12	16°♌59'46	0.26637 AU
morning rise	-7459 Oct 07 j 18:51	13°♌27'06	
direct	-7459 Oct 22 j 09:57	9°♌09'17	
asc. node	-7459 Oct 25 j 07:42	9°♌19'31	
greatest brilliancy	-7459 Nov 01 j 03:20	10°♌58'30	-4.9m
	-7459 Nov 29 j 05:54	0°♍	
morning max el	-7459 Dec 11 j 06:41	11°♍23'03	46°20'11
	-7459 Dec 29 j 06:29	0°♎	
	-7458 Jan 25 j 10:12	0°♏	
desc. node	-7458 Feb 14 j 19:52	23°♏20'50	
	-7458 Feb 20 j 13:37	0°♐	
	-7458 Mar 18 j 02:35	0°♑	
	-7458 Apr 12 j 04:02	0°♒	
	-7458 May 06 j 19:33	0°♓	
	-7458 May 31 j 02:36	0°♈	
morning set	-7458 Jun 06 j 11:32	7°♈55'58	
asc. node	-7458 Jun 07 j 00:09	8°♈35'16	
	-7458 Jun 24 j 02:58	0°♉	
max. Earth dist.	-7458 Jul 11 j 03:32	21°♉24'49	1.71175 AU
superior conj	-7458 Jul 13 j 22:13	24°♉54'56	1°11'53
minimum elong	-7458 Jul 13 j 13:44	24°♉28'10	1°12'04
	-7458 Jul 17 j 23:00	0°♊	
	-7458 Aug 10 j 17:29	0°♋	
evening rise	-7458 Aug 22 j 12:31	14°♋51'57	
	-7458 Sep 03 j 13:13	0°♌	
desc. node	-7458 Sep 27 j 07:04	29°♌43'58	
	-7458 Sep 27 j 12:12	0°♍	
	-7458 Oct 21 j 15:41	0°♎	
	-7458 Nov 15 j 00:52	0°♏	
	-7458 Dec 09 j 18:44	0°♐	
	-7457 Jan 04 j 04:14	0°♑	
asc. node	-7457 Jan 17 j 13:36	15°♑18'20	
	-7457 Jan 30 j 20:50	0°♒	
evening max el	-7457 Feb 24 j 02:37	24°♒46'01	44°58'54
	-7457 Mar 01 j 18:23	0°♓	
greatest brilliancy	-7457 Apr 02 j 21:03	21°♓43'57	-4.7m
retrograde	-7457 Apr 13 j 02:57	23°♓35'42	
evening set	-7457 Apr 28 j 03:16	19°♓23'09	
inferior conj	-7457 May 04 j 09:53	15°♓44'54	1°19'36
minimum elong	-7457 May 04 j 12:47	15°♓40'29	1°18'35
min. Earth dist.	-7457 May 05 j 09:07	15°♓09'31	0.28242 AU
desc. node	-7457 May 10 j 02:59	12°♓22'01	
morning rise	-7457 May 10 j 21:09	11°♓57'13	
direct	-7457 May 26 j 00:05	7°♓36'10	
greatest brilliancy	-7457 Jun 06 j 12:45	9°♓58'24	-4.8m
	-7457 Jul 05 j 07:13	0°♈	
morning max el	-7457 Jul 15 j 00:43	9°♈17'51	46°34'08
	-7457 Aug 03 j 14:25	0°♉	
	-7457 Aug 29 j 14:34	0°♊	
asc. node	-7457 Aug 30 j 12:00	1°♊03'43	
	-7457 Sep 23 j 09:40	0°♋	
	-7457 Oct 17 j 17:40	0°♌	
	-7457 Nov 10 j 23:44	0°♍	
	-7457 Dec 05 j 07:58	0°♎	
desc. node	-7457 Dec 20 j 20:41	19°♎03'46	
	-7457 Dec 29 j 18:56	0°♏	
morning set	-7456 Jan 20 j 08:01	26°♏22'12	
	-7456 Jan 23 j 07:12	0°♐	
	-7456 Feb 16 j 19:08	0°♑	
max. Earth dist.	-7456 Feb 24 j 21:25	9°♑55'38	1.73774 AU
superior conj	-7456 Feb 26 j 12:13	11°♑54'38	-1°17'53
minimum elong	-7456 Feb 26 j 17:08	12°♑09'42	1°18'18
	-7456 Mar 12 j 05:51	0°♒	
evening rise	-7456 Apr 02 j 05:16	25°♒47'21	
	-7456 Apr 05 j 15:25	0°♓	
asc. node	-7456 Apr 10 j 23:48	6°♓35'03	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7456 Apr 30 j 00:19	0°♈	
	-7456 May 24 j 09:19	0°♉	
	-7456 Jun 17 j 19:41	0°♊	
	-7456 Jul 12 j 09:47	0°♋	
desc. node	-7456 Aug 01 j 08:57	24°♋05'20	
	-7456 Aug 06 j 07:41	0°♌	
	-7456 Aug 31 j 21:28	0°♍	
	-7456 Sep 28 j 00:35	0°♎	
evening max el	-7456 Oct 02 j 03:56	4°♎17'10	47°19'05
	-7456 Oct 31 j 08:14	0°♏	
greatest brilliancy	-7456 Nov 11 j 09:31	6°♏02'22	-4.9m
asc. node	-7456 Nov 21 j 18:29	8°♏18'03	
retrograde	-7456 Nov 22 j 05:39	8°♏18'19	
evening set	-7456 Dec 07 j 13:28	3°♏32'10	
min. Earth dist.	-7456 Dec 12 j 10:14	0°♏32'06	0.28301 AU
inferior conj	-7456 Dec 13 j 08:29	29°♎56'22	4°50'05
minimum elong	-7456 Dec 13 j 00:09	0°♏09'46	4°47'54
	-7456 Dec 13 j 06:13	30°℞♎	
morning rise	-7456 Dec 18 j 11:33	26°♎44'53	
direct	-7455 Jan 03 j 08:06	21°♎45'46	
greatest brilliancy	-7455 Jan 12 j 04:20	23°♎12'39	-4.8m
	-7455 Jan 25 j 20:56	0°♏	
morning max el	-7455 Feb 21 j 01:39	21°♏33'41	45°54'56
	-7455 Mar 01 j 17:04	0°♐	
desc. node	-7455 Mar 14 j 07:28	12°♐58'48	
	-7455 Mar 30 j 00:57	0°♑	
	-7455 Apr 25 j 11:08	0°♒	
	-7455 May 20 j 20:25	0°♓	
	-7455 Jun 14 j 12:54	0°♈	
asc. node	-7455 Jul 04 j 13:18	24°♈47'27	
	-7455 Jul 08 j 17:27	0°♉	
greatest brilliancy	-7455 Jul 29 j 11:41	26°♉04'38	-3.9m
	-7455 Aug 01 j 14:17	0°♊	
morning set	-7455 Aug 17 j 19:39	20°♊30'39	
	-7455 Aug 25 j 07:35	0°♋	
	-7455 Sep 18 j 01:09	0°♌	
superior conj	-7455 Sep 28 j 00:49	12°♌35'02	0°56'15
minimum elong	-7455 Sep 28 j 12:38	13°♌12'13	0°56'14
max. Earth dist.	-7455 Oct 03 j 17:51	19°♌45'49	1.71109 AU
	-7455 Oct 11 j 21:39	0°♍	
desc. node	-7455 Oct 24 j 20:09	16°♍10'50	
	-7455 Nov 04 j 22:16	0°♎	
evening rise	-7455 Nov 10 j 02:36	6°♎26'24	
	-7455 Nov 29 j 02:58	0°♏	
	-7455 Dec 23 j 11:47	0°♐	
	-7454 Jan 17 j 02:00	0°♑	
	-7454 Feb 11 j 00:49	0°♒	
asc. node	-7454 Feb 14 j 01:07	3°♒34'51	
	-7454 Mar 08 j 13:34	0°♓	
	-7454 Apr 04 j 01:23	0°♈	
	-7454 May 02 j 12:08	0°♉	
evening max el	-7454 May 07 j 09:44	4°♉47'03	45°58'09
desc. node	-7454 Jun 06 j 13:33	29°♉09'04	
	-7454 Jun 08 j 01:25	0°♊	
greatest brilliancy	-7454 Jun 16 j 07:30	3°♊42'16	-4.8m
retrograde	-7454 Jun 25 j 23:00	5°♊23'37	
evening set	-7454 Jul 12 j 11:43	0°♊15'04	
	-7454 Jul 12 j 22:23	30°℞♉	
inferior conj	-7454 Jul 16 j 17:54	27°♉45'27	-7°59'30
minimum elong	-7454 Jul 16 j 09:16	27°♉58'20	7°57'55
min. Earth dist.	-7454 Jul 16 j 16:40	27°♉47'18	0.26868 AU
morning rise	-7454 Jul 20 j 06:43	25°♉40'25	
direct	-7454 Aug 06 j 09:37	20°♉07'22	
greatest brilliancy	-7454 Aug 17 j 01:43	22°♉16'09	-4.9m
	-7454 Aug 30 j 18:46	0°♊	
morning max el	-7454 Sep 26 j 04:33	23°♊39'33	46°47'12
asc. node	-7454 Sep 26 j 23:16	24°♊27'37	
	-7454 Oct 02 j 06:20	0°♋	
	-7454 Oct 29 j 02:47	0°♌	
	-7454 Nov 23 j 15:28	0°♍	
	-7454 Dec 18 j 18:48	0°♎	
	-7453 Jan 12 j 19:22	0°♏	
desc. node	-7453 Jan 17 j 09:32	5°♏30'52	
	-7453 Feb 06 j 17:44	0°♐	
	-7453 Mar 03 j 12:35	0°♑	
	-7453 Mar 28 j 02:53	0°♒	
morning set	-7453 Mar 29 j 09:16	1°♒33'02	
	-7453 Apr 21 j 12:26	0°♓	
max. Earth dist.	-7453 Apr 29 j 16:27	10°♓05'29	1.72978 AU
superior conj	-7453 May 03 j 19:03	15°♓10'37	-0°13'22
minimum elong	-7453 May 03 j 21:38	15°♓18'37	0°13'25
behind sun begin	-7453 May 03 j 09:45	14°♓41'50	
behind sun end	-7453 May 04 j 09:30	15°♓55'25	
asc. node	-7453 May 09 j 13:05	22°♓18'30	
	-7453 May 15 j 17:45	0°♈	
evening rise	-7453 Jun 08 j 15:01	29°♈45'10	
	-7453 Jun 08 j 19:46	0°♉	
	-7453 Jul 02 j 19:56	0°♊	
	-7453 Jul 26 j 20:13	0°♋	
	-7453 Aug 19 j 23:00	0°♌	
desc. node	-7453 Aug 29 j 20:43	12°♌15'09	
	-7453 Sep 13 j 06:47	0°♍	
	-7453 Oct 07 j 22:48	0°♎	
	-7453 Nov 02 j 05:44	0°♏	
	-7453 Nov 28 j 21:43	0°♐	
evening max el	-7453 Dec 12 j 20:32	14°♐27'14	45°43'50
asc. node	-7453 Dec 20 j 04:58	21°♐30'48	
	-7453 Dec 29 j 21:50	0°♑	
greatest brilliancy	-7452 Jan 19 j 22:11	13°♑11'06	-4.7m
retrograde	-7452 Jan 30 j 21:56	15°♑22'51	
evening set	-7452 Feb 17 j 13:02	9°♑25'56	
inferior conj	-7452 Feb 21 j 08:44	7°♑02'03	7°56'14
minimum elong	-7452 Feb 21 j 12:07	6°♑56'39	7°55'32
min. Earth dist.	-7452 Feb 21 j 18:10	6°♑47'01	0.29575 AU
morning rise	-7452 Feb 25 j 11:14	4°♑27'46	
	-7452 Mar 05 j 14:12	30°℞♐	
direct	-7452 Mar 14 j 06:47	28°♐30'38	
	-7452 Mar 23 j 08:10	0°♑	
greatest brilliancy	-7452 Mar 24 j 08:01	0°♑19'46	-4.7m
desc. node	-7452 Apr 10 j 18:29	10°♑01'52	
morning max el	-7452 May 02 j 09:02	28°♑32'52	46°01'44
	-7452 May 03 j 21:09	0°♒	
	-7452 Jun 01 j 11:26	0°♓	
	-7452 Jun 27 j 14:04	0°♈	
	-7452 Jul 22 j 12:03	0°♉	
asc. node	-7452 Aug 01 j 02:01	11°♉47'08	
	-7452 Aug 15 j 17:54	0°♊	
	-7452 Sep 08 j 15:36	0°♋	
	-7452 Oct 02 j 11:19	0°♌	
	-7452 Oct 26 j 09:14	0°♍	
morning set	-7452 Nov 03 j 05:55	9°♍49'08	
	-7452 Nov 19 j 11:09	0°♎	
desc. node	-7452 Nov 21 j 09:29	2°♎23'49	
	-7452 Dec 13 j 16:44	0°♏	
superior conj	-7452 Dec 14 j 22:22	1°♏31'27	-0°49'56
minimum elong	-7452 Dec 14 j 12:25	1°♏00'46	0°49'48
max. Earth dist.	-7452 Dec 18 j 08:08	5°♏43'45	1.72877 AU
	-7451 Jan 07 j 00:53	0°♐	
evening rise	-7451 Jan 22 j 16:38	19°♐14'50	
	-7451 Jan 31 j 10:54	0°♑	
greatest brilliancy	-7451 Feb 14 j 00:27	16°♑36'57	-3.9m

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7451 Feb 24 j 23:15	0°♒		
asc. node	-7451 Mar 13 j 13:15	20°♒11'37		
	-7451 Mar 21 j 15:12	0°♓		
	-7451 Apr 15 j 12:20	0°♈		
	-7451 May 10 j 16:46	0°♉		
	-7451 Jun 05 j 09:05	0°♊		
	-7451 Jul 02 j 01:48	0°♋		
desc. node	-7451 Jul 03 j 24:00	2°♋05'09		
evening max el	-7451 Jul 20 j 07:06	19°♋06'24	47°32'00	
	-7451 Jul 31 j 15:40	0°♌		
greatest brilliancy	-7451 Aug 30 j 17:23	20°♌31'58	-4.9m	
retrograde	-7451 Sep 09 j 01:35	22°♌11'50		
evening set	-7451 Sep 25 j 01:25	17°♌08'11		
inferior conj	-7451 Sep 29 j 16:49	14°♌19'03	-5°46'31	
minimum elong	-7451 Sep 30 j 03:00	14°♌03'15	5°43'36	
min. Earth dist.	-7451 Sep 29 j 10:05	14°♌29'31	0.26617 AU	
morning rise	-7451 Oct 05 j 04:56	11°♌02'06		
direct	-7451 Oct 19 j 22:09	6°♌41'14		
asc. node	-7451 Oct 24 j 10:06	7°♌05'25		
greatest brilliancy	-7451 Oct 29 j 17:26	8°♌31'40	-4.9m	
	-7451 Nov 29 j 11:08	0°♍		
morning max el	-7451 Dec 08 j 19:29	8°♍57'44	46°21'22	
	-7451 Dec 29 j 00:36	0°♎		
	-7450 Jan 25 j 00:50	0°♏		
desc. node	-7450 Feb 13 j 22:00	22°♏48'38		
	-7450 Feb 20 j 02:35	0°♐		
	-7450 Mar 17 j 14:38	0°♑		
	-7450 Apr 11 j 15:34	0°♒		
	-7450 May 06 j 06:48	0°♓		
	-7450 May 30 j 13:43	0°♈		
morning set	-7450 Jun 04 j 04:50	5°♈45'43		
asc. node	-7450 Jun 06 j 02:16	8°♈07'14		
	-7450 Jun 23 j 14:03	0°♉		
max. Earth dist.	-7450 Jul 08 j 14:35	18°♉53'25	1.71226 AU	
superior conj	-7450 Jul 11 j 13:01	22°♉35'16	1°10'05	
minimum elong	-7450 Jul 11 j 04:13	22°♉07'34	1°10'12	
	-7450 Jul 17 j 10:07	0°♊		
	-7450 Aug 10 j 04:43	0°♋		
evening rise	-7450 Aug 19 j 22:51	12°♋17'50		
	-7450 Sep 03 j 00:35	0°♌		
desc. node	-7450 Sep 26 j 09:18	29°♌15'01		
	-7450 Sep 26 j 23:43	0°♍		
	-7450 Oct 21 j 03:23	0°♎		
	-7450 Nov 14 j 12:52	0°♏		
	-7450 Dec 09 j 07:19	0°♐		
	-7449 Jan 03 j 18:00	0°♑		
asc. node	-7449 Jan 16 j 15:46	14°♑42'45		
	-7449 Jan 30 j 13:28	0°♒		
evening max el	-7449 Feb 21 j 17:01	22°♒32'13	44°58'45	
	-7449 Mar 01 j 20:53	0°♓		
greatest brilliancy	-7449 Mar 31 j 11:01	19°♓31'06	-4.7m	
retrograde	-7449 Apr 10 j 17:58	21°♓24'01		
evening set	-7449 Apr 25 j 19:42	17°♓08'32		
inferior conj	-7449 May 02 j 00:59	13°♓32'00	1°39'34	
minimum elong	-7449 May 02 j 04:35	13°♓26'31	1°38'21	
min. Earth dist.	-7449 May 03 j 00:56	12°♓55'31	0.28308 AU	
morning rise	-7449 May 08 j 12:20	9°♓44'10		
desc. node	-7449 May 09 j 05:14	9°♓21'46		
direct	-7449 May 23 j 15:38	5°♓21'45		
greatest brilliancy	-7449 Jun 04 j 05:06	7°♓44'52	-4.8m	
	-7449 Jul 05 j 09:49	0°♈		
morning max el	-7449 Jul 12 j 16:23	7°♈01'19	46°33'14	
	-7449 Aug 03 j 07:37	0°♉		
	-7449 Aug 29 j 04:55	0°♊		
asc. node	-7449 Aug 29 j 14:12	0°♊27'41		
	-7449 Sep 22 j 22:43	0°♋		
	-7449 Oct 17 j 05:59	0°♌		
	-7449 Nov 10 j 11:35	0°♍		
	-7449 Dec 04 j 19:28	0°♎		
desc. node	-7449 Dec 19 j 22:41	18°♎35'09		
	-7449 Dec 29 j 06:10	0°♏		
morning set	-7448 Jan 17 j 23:19	24°♏08'16		
	-7448 Jan 22 j 18:14	0°♐		
	-7448 Feb 16 j 06:01	0°♑		
max. Earth dist.	-7448 Feb 22 j 18:42	8°♑00'26	1.73774 AU	
superior conj	-7448 Feb 24 j 06:43	9°♑50'53	-1°18'45	
minimum elong	-7448 Feb 24 j 11:08	10°♑04'25	1°19'12	
	-7448 Mar 11 j 16:42	0°♒		
evening rise	-7448 Mar 31 j 00:49	23°♒46'25		
	-7448 Apr 05 j 02:20	0°♓		
asc. node	-7448 Apr 10 j 02:04	6°♓08'16		
	-7448 Apr 29 j 11:27	0°♈		
	-7448 May 23 j 20:51	0°♉		
	-7448 Jun 17 j 07:46	0°♊		
	-7448 Jul 11 j 22:35	0°♋		
desc. node	-7448 Jul 31 j 11:05	23°♋31'03		
	-7448 Aug 05 j 21:34	0°♌		
	-7448 Aug 31 j 13:18	0°♍		
	-7448 Sep 27 j 21:17	0°♎		
evening max el	-7448 Sep 29 j 20:02	2°♎00'15	47°21'48	
	-7448 Nov 01 j 13:45	0°♏		
greatest brilliancy	-7448 Nov 09 j 02:14	3°♏47'02	-4.9m	
retrograde	-7448 Nov 19 j 22:42	6°♏03'21		
asc. node	-7448 Nov 20 j 20:36	6°♏02'18		
evening set	-7448 Dec 05 j 03:56	1°♏19'40		
	-7448 Dec 07 j 09:19	30°℞♎		
min. Earth dist.	-7448 Dec 10 j 01:50	28°♎18'16	0.28229 AU	
inferior conj	-7448 Dec 11 j 00:36	27°♎41'46	4°33'51	
minimum elong	-7448 Dec 10 j 16:30	27°♎54'45	4°31'41	
morning rise	-7448 Dec 16 j 05:53	24°♎27'33		
direct	-7448 Dec 31 j 23:26	19°♎32'16		
greatest brilliancy	-7447 Jan 09 j 19:24	20°♎59'24	-4.8m	
	-7447 Jan 26 j 18:29	0°♏		
morning max el	-7447 Feb 18 j 18:25	19°♏25'46	45°55'18	
	-7447 Mar 01 j 12:34	0°♐		
desc. node	-7447 Mar 13 j 09:44	12°♐20'08		
	-7447 Mar 29 j 15:46	0°♑		
	-7447 Apr 25 j 00:03	0°♒		
	-7447 May 20 j 08:23	0°♓		
	-7447 Jun 14 j 00:22	0°♈		
asc. node	-7447 Jul 03 j 15:22	24°♈18'42		
	-7447 Jul 08 j 04:41	0°♉		
greatest brilliancy	-7447 Jul 29 j 00:39	26°♉10'15	-3.9m	
	-7447 Aug 01 j 01:27	0°♊		
morning set	-7447 Aug 15 j 07:08	17°♊59'52		
	-7447 Aug 24 j 18:44	0°♋		
	-7447 Sep 17 j 12:16	0°♌		
superior conj	-7447 Sep 25 j 09:27	9°♌56'03	0°59'09	
minimum elong	-7447 Sep 25 j 21:17	10°♌33'21	0°59'10	
max. Earth dist.	-7447 Oct 01 j 00:46	17°♌01'45	1.71062 AU	
	-7447 Oct 11 j 08:46	0°♍		
desc. node	-7447 Oct 23 j 22:19	15°♍42'54		
	-7447 Nov 04 j 09:22	0°♎		
evening rise	-7447 Nov 07 j 12:22	3°♎53'13		
	-7447 Nov 28 j 14:05	0°♏		
	-7447 Dec 22 j 22:59	0°♐		
	-7446 Jan 16 j 13:28	0°♑		
	-7446 Feb 10 j 12:54	0°♒		
asc. node	-7446 Feb 13 j 03:18	3°♒05'11		
	-7446 Mar 08 j 02:52	0°♓		
	-7446 Apr 03 j 17:11	0°♈		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7446 May 02 j 10:26	0°♉		
evening max el	-7446 May 05 j 00:18	2°♉29'45	45°54'50	
desc. node	-7446 Jun 05 j 15:38	27°♉37'56		
	-7446 Jun 10 j 11:24	0°♊		
greatest brilliancy	-7446 Jun 13 j 18:15	1°♊15'37	-4.8m	
retrograde	-7446 Jun 23 j 11:04	2°♊57'30		
	-7446 Jul 05 j 18:59	30°℞♉		
evening set	-7446 Jul 09 j 19:43	27°♉55'19		
inferior conj	-7446 Jul 14 j 06:09	25°♉19'30	-7°48'05	
minimum elong	-7446 Jul 13 j 21:01	25°♉33'10	7°46'21	
min. Earth dist.	-7446 Jul 14 j 05:04	25°♉21'08	0.26895 AU	
morning rise	-7446 Jul 17 j 22:13	23°♉09'42		
direct	-7446 Aug 03 j 23:07	17°♉41'05		
greatest brilliancy	-7446 Aug 14 j 14:56	19°♉49'25	-4.9m	
	-7446 Aug 31 j 14:49	0°♊		
morning max el	-7446 Sep 23 j 17:37	21°♊11'51	46°47'22	
asc. node	-7446 Sep 26 j 01:35	23°♊36'16		
	-7446 Oct 02 j 02:42	0°♋		
	-7446 Oct 28 j 18:26	0°♌		
	-7446 Nov 23 j 05:07	0°♍		
	-7446 Dec 18 j 07:19	0°♎		
	-7445 Jan 12 j 07:09	0°♏		
desc. node	-7445 Jan 16 j 11:42	5°♏02'17		
	-7445 Feb 06 j 05:00	0°♐		
	-7445 Mar 02 j 23:32	0°♑		
morning set	-7445 Mar 27 j 04:41	29°♑32'32		
	-7445 Mar 27 j 13:39	0°♒		
	-7445 Apr 20 j 23:10	0°♓		
max. Earth dist.	-7445 Apr 27 j 10:28	7°♓59'40	1.73029 AU	
superior conj	-7445 May 01 j 14:10	13°♓07'58	-0°16'19	
minimum elong	-7445 May 01 j 17:17	13°♓17'38	0°16'22	
asc. node	-7445 May 08 j 15:08	21°♓51'29		
	-7445 May 15 j 04:32	0°♈		
evening rise	-7445 Jun 06 j 08:46	27°♈36'44		
	-7445 Jun 08 j 06:42	0°♉		
	-7445 Jul 02 j 07:04	0°♊		
	-7445 Jul 26 j 07:39	0°♋		
	-7445 Aug 19 j 10:49	0°♌		
desc. node	-7445 Aug 28 j 22:57	11°♌45'05		
	-7445 Sep 12 j 19:05	0°♍		
	-7445 Oct 07 j 11:51	0°♎		
	-7445 Nov 01 j 20:09	0°♏		
	-7445 Nov 28 j 15:28	0°♐		
evening max el	-7445 Dec 10 j 12:05	12°♐14'02	45°46'53	
asc. node	-7445 Dec 19 j 07:10	20°♐38'33		
	-7445 Dec 30 j 06:53	0°♑		
greatest brilliancy	-7444 Jan 17 j 15:53	11°♑05'58	-4.7m	
retrograde	-7444 Jan 28 j 14:51	13°♑17'34		
evening set	-7444 Feb 15 j 07:09	7°♑19'28		
inferior conj	-7444 Feb 19 j 02:13	4°♑56'19	7°59'37	
minimum elong	-7444 Feb 19 j 04:59	4°♑51'53	7°58'59	
min. Earth dist.	-7444 Feb 19 j 10:31	4°♑43'03	0.29575 AU	
morning rise	-7444 Feb 23 j 02:49	2°♑24'30		
	-7444 Feb 27 j 09:35	30°℞♐		
direct	-7444 Mar 11 j 23:45	26°♐25'01		
greatest brilliancy	-7444 Mar 21 j 23:29	28°♐12'29	-4.7m	
	-7444 Mar 26 j 09:23	0°♑		
desc. node	-7444 Apr 09 j 20:43	8°♑56'57		
morning max el	-7444 Apr 30 j 00:25	26°♑21'58	46°00'50	
	-7444 May 03 j 18:11	0°♒		
	-7444 Jun 01 j 02:44	0°♓		
	-7444 Jun 27 j 03:20	0°♈		
	-7444 Jul 22 j 00:22	0°♉		
asc. node	-7444 Jul 31 j 04:14	11°♉16'43		
	-7444 Aug 15 j 05:41	0°♊		
	-7444 Sep 08 j 03:05	0°♋		
	-7444 Oct 01 j 22:38	0°♌		
	-7444 Oct 25 j 20:27	0°♍		
morning set	-7444 Oct 31 j 15:48	7°♍15'22		
	-7444 Nov 18 j 22:14	0°♎		
desc. node	-7444 Nov 20 j 11:26	1°♎55'28		
superior conj	-7444 Dec 12 j 10:47	29°♎07'43	-0°47'04	
minimum elong	-7444 Dec 12 j 01:04	28°♎37'43	0°46'53	
	-7444 Dec 13 j 03:43	0°♏		
max. Earth dist.	-7444 Dec 16 j 01:26	3°♏35'12	1.72818 AU	
	-7443 Jan 06 j 11:46	0°♐		
evening rise	-7443 Jan 20 j 09:00	17°♐04'12		
	-7443 Jan 30 j 21:48	0°♑		
greatest brilliancy	-7443 Feb 14 j 16:02	18°♑04'29	-3.9m	
	-7443 Feb 24 j 10:18	0°♒		
asc. node	-7443 Mar 12 j 15:32	19°♒44'26		
	-7443 Mar 21 j 02:37	0°♓		
	-7443 Apr 15 j 00:23	0°♈		
	-7443 May 10 j 05:53	0°♉		
	-7443 Jun 05 j 00:01	0°♊		
	-7443 Jul 01 j 20:26	0°♋		
desc. node	-7443 Jul 03 j 02:12	1°♋20'04		
evening max el	-7443 Jul 17 j 19:36	16°♋38'37	47°29'51	
	-7443 Jul 31 j 22:23	0°♌		
greatest brilliancy	-7443 Aug 28 j 07:54	18°♌04'18	-4.9m	
retrograde	-7443 Sep 06 j 13:44	19°♌42'26		
evening set	-7443 Sep 22 j 17:20	14°♌34'45		
inferior conj	-7443 Sep 27 j 05:33	11°♌50'44	-6°04'35	
minimum elong	-7443 Sep 27 j 15:55	11°♌34'41	6°01'44	
min. Earth dist.	-7443 Sep 26 j 23:54	11°♌59'30	0.26600 AU	
morning rise	-7443 Oct 02 j 14:43	8°♌37'54		
direct	-7443 Oct 17 j 10:07	4°♌13'13		
asc. node	-7443 Oct 23 j 12:13	4°♌56'59		
greatest brilliancy	-7443 Oct 27 j 07:40	6°♌05'29	-4.9m	
	-7443 Nov 29 j 14:21	0°♍		
morning max el	-7443 Dec 06 j 08:35	6°♍33'29	46°22'33	
	-7443 Dec 28 j 18:06	0°♎		
	-7442 Jan 24 j 15:08	0°♏		
desc. node	-7442 Feb 13 j 00:09	22°♏17'04		
	-7442 Feb 19 j 15:19	0°♐		
	-7442 Mar 17 j 02:28	0°♑		
	-7442 Apr 11 j 02:53	0°♒		
	-7442 May 05 j 17:50	0°♓		
	-7442 May 30 j 00:38	0°♈		
morning set	-7442 Jun 01 j 22:17	3°♈36'34		
asc. node	-7442 Jun 05 j 04:21	7°♈39'42		
	-7442 Jun 23 j 00:59	0°♉		
max. Earth dist.	-7442 Jul 06 j 03:20	16°♉27'45	1.71282 AU	
superior conj	-7442 Jul 09 j 03:46	20°♉15'50	1°08'08	
minimum elong	-7442 Jul 08 j 18:45	19°♉47'26	1°08'14	
	-7442 Jul 16 j 21:10	0°♊		
	-7442 Aug 09 j 15:54	0°♋		
evening rise	-7442 Aug 17 j 09:06	9°♋43'38		
	-7442 Sep 02 j 11:54	0°♌		
desc. node	-7442 Sep 25 j 11:24	28°♌45'53		
	-7442 Sep 26 j 11:10	0°♍		
	-7442 Oct 20 j 15:01	0°♎		
	-7442 Nov 14 j 00:49	0°♏		
	-7442 Dec 08 j 19:52	0°♐		
	-7441 Jan 03 j 07:50	0°♑		
asc. node	-7441 Jan 15 j 18:02	14°♑07'23		
	-7441 Jan 30 j 06:20	0°♒		
evening max el	-7441 Feb 19 j 08:18	20°♒20'48	44°58'46	
	-7441 Mar 02 j 00:53	0°♓		
greatest brilliancy	-7441 Mar 29 j 00:44	17°♓18'39	-4.7m	
retrograde	-7441 Apr 08 j 09:26	19°♓12'57		

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening set	-7441 Apr 23 j 12:24	14°♓54'35	
inferior conj	-7441 Apr 29 j 16:10	11°♓19'42	1°59'09
minimum elong	-7441 Apr 29 j 20:26	11°♓13'12	1°57'45
min. Earth dist.	-7441 Apr 30 j 16:25	10°♓42'48	0.28372 AU
morning rise	-7441 May 06 j 03:26	7°♓32'03	
desc. node	-7441 May 08 j 07:14	6°♓25'43	
direct	-7441 May 21 j 07:48	3°♓08'12	
greatest brilliancy	-7441 Jun 01 j 20:48	5°♓31'23	-4.8m
	-7441 Jul 05 j 10:52	0°♈	
morning max el	-7441 Jul 10 j 08:29	4°♈46'27	46°32'06
	-7441 Aug 03 j 00:26	0°♉	
asc. node	-7441 Aug 28 j 16:25	29°♉51'53	
	-7441 Aug 28 j 19:08	0°♊	
	-7441 Sep 22 j 11:45	0°♋	
	-7441 Oct 16 j 18:21	0°♌	
	-7441 Nov 09 j 23:28	0°♍	
	-7441 Dec 04 j 07:00	0°♎	
desc. node	-7441 Dec 19 j 00:50	18°♎06'52	
	-7441 Dec 28 j 17:25	0°♏	
morning set	-7440 Jan 15 j 14:14	21°♏52'58	
	-7440 Jan 22 j 05:18	0°♐	
	-7440 Feb 15 j 16:58	0°♑	
max. Earth dist.	-7440 Feb 20 j 17:04	6°♑08'16	1.73772 AU
superior conj	-7440 Feb 22 j 00:58	7°♑46'09	-1°19'32
minimum elong	-7440 Feb 22 j 04:52	7°♑58'06	1°20'00
	-7440 Mar 11 j 03:37	0°♒	
evening rise	-7440 Mar 28 j 20:20	21°♒45'08	
	-7440 Apr 04 j 13:20	0°♓	
asc. node	-7440 Apr 09 j 04:08	5°♓40'39	
	-7440 Apr 28 j 22:41	0°♈	
	-7440 May 23 j 08:27	0°♉	
	-7440 Jun 16 j 19:55	0°♊	
	-7440 Jul 11 j 11:30	0°♋	
desc. node	-7440 Jul 30 j 13:19	22°♋56'37	
	-7440 Aug 05 j 11:39	0°♌	
	-7440 Aug 31 j 05:33	0°♍	
evening max el	-7440 Sep 27 j 12:48	29°♍44'06	47°24'16
	-7440 Sep 27 j 19:02	0°♎	
	-7440 Nov 03 j 10:15	0°♏	
greatest brilliancy	-7440 Nov 06 j 18:46	1°♏29'55	-4.9m
retrograde	-7440 Nov 17 j 15:34	3°♏46'13	
asc. node	-7440 Nov 19 j 22:47	3°♏39'30	
	-7440 Dec 01 j 02:37	30°℞♎	
evening set	-7440 Dec 02 j 18:14	29°♎05'12	
min. Earth dist.	-7440 Dec 07 j 17:03	26°♎02'31	0.28153 AU
inferior conj	-7440 Dec 08 j 16:22	25°♎25'11	4°17'01
minimum elong	-7440 Dec 08 j 08:35	25°♎37'40	4°14'52
morning rise	-7440 Dec 13 j 23:49	22°♎08'15	
direct	-7440 Dec 29 j 14:46	17°♎17'02	
greatest brilliancy	-7439 Jan 07 j 09:50	18°♎43'57	-4.8m
	-7439 Jan 27 j 10:59	0°♏	
morning max el	-7439 Feb 16 j 10:40	17°♏15'50	45°55'39
	-7439 Mar 01 j 07:47	0°♐	
desc. node	-7439 Mar 12 j 11:54	11°♐41'01	
	-7439 Mar 29 j 06:36	0°♑	
	-7439 Apr 24 j 13:05	0°♒	
	-7439 May 19 j 20:30	0°♓	
	-7439 Jun 13 j 12:00	0°♈	
asc. node	-7439 Jul 02 j 17:37	23°♈50'01	
	-7439 Jul 07 j 16:05	0°♉	
greatest brilliancy	-7439 Jul 28 j 12:33	26°♉12'08	-3.9m
	-7439 Jul 31 j 12:45	0°♊	
morning set	-7439 Aug 12 j 19:02	15°♊30'02	
	-7439 Aug 24 j 06:01	0°♋	
	-7439 Sep 16 j 23:34	0°♌	
superior conj	-7439 Sep 22 j 18:15	7°♌17'01	1°01'53
minimum elong	-7439 Sep 23 j 06:01	7°♌54'03	1°01'57
max. Earth dist.	-7439 Sep 28 j 09:09	14°♌21'33	1.71021 AU
	-7439 Oct 10 j 20:06	0°♍	
desc. node	-7439 Oct 23 j 00:18	15°♍13'41	
	-7439 Nov 03 j 20:44	0°♎	
evening rise	-7439 Nov 04 j 21:36	1°♎17'22	
	-7439 Nov 28 j 01:29	0°♏	
	-7439 Dec 22 j 10:30	0°♐	
	-7438 Jan 16 j 01:17	0°♑	
	-7438 Feb 10 j 01:21	0°♒	
asc. node	-7438 Feb 12 j 05:32	2°♒34'41	
	-7438 Mar 07 j 16:37	0°♓	
	-7438 Apr 03 j 09:37	0°♈	
	-7438 May 02 j 10:04	0°♉	
evening max el	-7438 May 02 j 14:11	0°♉09'51	45°51'31
desc. node	-7438 Jun 04 j 17:56	26°♉02'51	
greatest brilliancy	-7438 Jun 11 j 05:43	28°♉49'11	-4.8m
	-7438 Jun 15 j 16:21	0°♊	
retrograde	-7438 Jun 20 j 22:40	0°♊30'56	
	-7438 Jun 26 j 01:58	30°℞♉	
evening set	-7438 Jul 07 j 03:49	25°♉35'10	
inferior conj	-7438 Jul 11 j 18:28	22°♉53'19	-7°35'51
minimum elong	-7438 Jul 11 j 08:53	23°♉07'40	7°33'57
min. Earth dist.	-7438 Jul 11 j 17:56	22°♉54'08	0.26919 AU
morning rise	-7438 Jul 15 j 13:49	20°♉38'36	
direct	-7438 Aug 01 j 12:08	15°♉14'29	
greatest brilliancy	-7438 Aug 12 j 04:39	17°♉22'54	-4.9m
	-7438 Sep 01 j 05:59	0°♊	
morning max el	-7438 Sep 21 j 05:30	18°♊40'32	46°47'34
asc. node	-7438 Sep 25 j 03:42	22°♊44'49	
	-7438 Oct 01 j 22:38	0°♋	
	-7438 Oct 28 j 10:06	0°♌	
	-7438 Nov 22 j 18:56	0°♍	
	-7438 Dec 17 j 20:07	0°♎	
	-7437 Jan 11 j 19:16	0°♏	
desc. node	-7437 Jan 15 j 13:52	4°♏32'38	
	-7437 Feb 05 j 16:38	0°♐	
	-7437 Mar 02 j 10:49	0°♑	
morning set	-7437 Mar 24 j 23:44	27°♑29'59	
	-7437 Mar 27 j 00:44	0°♒	
	-7437 Apr 20 j 10:13	0°♓	
max. Earth dist.	-7437 Apr 25 j 04:56	5°♓54'15	1.73083 AU
superior conj	-7437 Apr 29 j 09:10	11°♓04'04	-0°19'15
minimum elong	-7437 Apr 29 j 12:49	11°♓15'20	0°19'18
asc. node	-7437 May 07 j 17:14	21°♓23'35	
	-7437 May 14 j 15:40	0°♈	
evening rise	-7437 Jun 04 j 02:38	25°♈27'36	
	-7437 Jun 07 j 17:59	0°♉	
	-7437 Jul 01 j 18:35	0°♊	
	-7437 Jul 25 j 19:26	0°♋	
	-7437 Aug 18 j 22:56	0°♌	
desc. node	-7437 Aug 28 j 01:06	11°♌13'50	
	-7437 Sep 12 j 07:41	0°♍	
	-7437 Oct 07 j 01:11	0°♎	
	-7437 Nov 01 j 10:57	0°♏	
	-7437 Nov 28 j 09:59	0°♐	
evening max el	-7437 Dec 08 j 02:47	9°♐57'34	45°49'51
asc. node	-7437 Dec 18 j 09:28	19°♐44'23	
	-7437 Dec 30 j 19:51	0°♑	
greatest brilliancy	-7436 Jan 15 j 09:25	8°♑59'08	-4.7m
retrograde	-7436 Jan 26 j 07:52	11°♑11'00	
evening set	-7436 Feb 13 j 00:56	5°♑11'52	
inferior conj	-7436 Feb 16 j 19:40	2°♑49'10	8°02'18
minimum elong	-7436 Feb 16 j 21:47	2°♑45'47	8°01'45
min. Earth dist.	-7436 Feb 17 j 02:58	2°♑37'30	0.29574 AU

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

morning rise	-7436 Feb 20 j 18:36	0°♉19'40	
	-7436 Feb 21 j 07:36	30°℞♐	
direct	-7436 Mar 09 j 16:19	24°♐17'52	
greatest brilliancy	-7436 Mar 19 j 15:29	26°♐04'29	-4.7m
	-7436 Mar 28 j 05:25	0°♉	
desc. node	-7436 Apr 08 j 22:46	7°♉52'02	
morning max el	-7436 Apr 27 j 15:46	24°♉09'51	46°00'02
	-7436 May 03 j 14:59	0°♒	
	-7436 May 31 j 18:13	0°♓	
	-7436 Jun 26 j 16:52	0°♈	
	-7436 Jul 21 j 12:57	0°♉	
asc. node	-7436 Jul 30 j 06:22	10°♉45'02	
	-7436 Aug 14 j 17:46	0°♊	
	-7436 Sep 07 j 14:53	0°♋	
	-7436 Oct 01 j 10:14	0°♌	
	-7436 Oct 25 j 07:54	0°♍	
morning set	-7436 Oct 29 j 02:01	4°♍41'44	
	-7436 Nov 18 j 09:33	0°♎	
desc. node	-7436 Nov 19 j 13:37	1°♎27'08	
superior conj	-7436 Dec 09 j 23:22	26°♎43'43	-0°44'07
minimum elong	-7436 Dec 09 j 13:56	26°♎14'34	0°43'54
	-7436 Dec 12 j 14:55	0°♏	
max. Earth dist.	-7436 Dec 13 j 17:39	1°♏22'33	1.72760 AU
	-7435 Jan 05 j 22:55	0°♐	
evening rise	-7435 Jan 18 j 01:21	14°♐52'41	
	-7435 Jan 30 j 08:59	0°♑	
	-7435 Feb 23 j 21:40	0°♒	
asc. node	-7435 Mar 11 j 17:34	19°♒15'28	
	-7435 Mar 20 j 14:22	0°♓	
	-7435 Apr 14 j 12:49	0°♈	
	-7435 May 09 j 19:25	0°♉	
	-7435 Jun 04 j 15:30	0°♊	
	-7435 Jul 01 j 15:57	0°♋	
desc. node	-7435 Jul 02 j 04:26	0°♋33'19	
evening max el	-7435 Jul 15 j 07:59	14°♋09'38	47°27'34
	-7435 Aug 01 j 08:06	0°♌	
greatest brilliancy	-7435 Aug 25 j 21:47	15°♌34'38	-4.9m
retrograde	-7435 Sep 04 j 02:06	17°♌11'51	
evening set	-7435 Sep 20 j 09:07	11°♌59'43	
inferior conj	-7435 Sep 24 j 18:07	9°♌20'59	-6°22'07
minimum elong	-7435 Sep 25 j 04:35	9°♌04'50	6°19'19
min. Earth dist.	-7435 Sep 24 j 13:17	9°♌28'26	0.26584 AU
morning rise	-7435 Sep 30 j 00:10	6°♌12'54	
direct	-7435 Oct 14 j 22:08	1°♌43'43	
asc. node	-7435 Oct 22 j 14:23	2°♌52'37	
greatest brilliancy	-7435 Oct 24 j 21:29	3°♌37'47	-4.9m
	-7435 Nov 29 j 16:20	0°♍	
morning max el	-7435 Dec 03 j 22:27	4°♍10'25	46°23'59
	-7435 Dec 28 j 11:24	0°♎	
	-7434 Jan 24 j 05:26	0°♏	
desc. node	-7434 Feb 12 j 02:16	21°♏45'00	
	-7434 Feb 19 j 04:09	0°♐	
	-7434 Mar 16 j 14:29	0°♑	
	-7434 Apr 10 j 14:25	0°♒	
	-7434 May 05 j 05:07	0°♓	
	-7434 May 29 j 11:48	0°♈	
morning set	-7434 May 30 j 15:48	1°♈27'04	
asc. node	-7434 Jun 04 j 06:36	7°♈11'55	
	-7434 Jun 22 j 12:09	0°♉	
max. Earth dist.	-7434 Jul 03 j 16:29	14°♉02'49	1.71338 AU
superior conj	-7434 Jul 06 j 18:37	17°♉56'04	1°06'04
minimum elong	-7434 Jul 06 j 09:27	17°♉27'14	1°06'09
	-7434 Jul 16 j 08:25	0°♊	
	-7434 Aug 09 j 03:19	0°♋	
evening rise	-7434 Aug 14 j 19:35	7°♋09'25	
	-7434 Sep 01 j 23:28	0°♌	
desc. node	-7434 Sep 24 j 13:26	28°♌15'45	
	-7434 Sep 25 j 22:52	0°♍	
	-7434 Oct 20 j 02:53	0°♎	
	-7434 Nov 13 j 12:59	0°♏	
	-7434 Dec 08 j 08:37	0°♐	
	-7433 Jan 02 j 21:52	0°♑	
asc. node	-7433 Jan 14 j 20:14	13°♑31'18	
	-7433 Jan 29 j 23:36	0°♒	
evening max el	-7433 Feb 17 j 00:20	18°♒11'02	44°58'46
	-7433 Mar 02 j 06:55	0°♓	
greatest brilliancy	-7433 Mar 26 j 14:49	15°♓06'40	-4.7m
retrograde	-7433 Apr 06 j 00:59	17°♓01'47	
evening set	-7433 Apr 21 j 05:26	12°♓40'43	
inferior conj	-7433 Apr 27 j 07:31	9°♓07'25	2°18'24
minimum elong	-7433 Apr 27 j 12:25	8°♓59'56	2°16'49
min. Earth dist.	-7433 Apr 28 j 07:47	8°♓30'24	0.28438 AU
morning rise	-7433 May 03 j 18:30	5°♓20'02	
desc. node	-7433 May 07 j 09:34	3°♓32'54	
direct	-7433 May 19 j 00:25	0°♓54'51	
greatest brilliancy	-7433 May 30 j 12:02	3°♓17'06	-4.8m
	-7433 Jul 05 j 10:59	0°♈	
morning max el	-7433 Jul 08 j 00:35	2°♈31'22	46°30'55
	-7433 Aug 02 j 17:08	0°♉	
asc. node	-7433 Aug 27 j 18:33	29°♉15'37	
	-7433 Aug 28 j 09:22	0°♊	
	-7433 Sep 22 j 00:50	0°♋	
	-7433 Oct 16 j 06:46	0°♌	
	-7433 Nov 09 j 11:26	0°♍	
	-7433 Dec 03 j 18:37	0°♎	
desc. node	-7433 Dec 18 j 02:59	17°♎38'19	
	-7433 Dec 28 j 04:46	0°♏	
morning set	-7432 Jan 13 j 05:19	19°♏38'02	
	-7432 Jan 21 j 16:24	0°♐	
	-7432 Feb 15 j 03:55	0°♑	
max. Earth dist.	-7432 Feb 18 j 17:05	4°♑21'11	1.73765 AU
superior conj	-7432 Feb 19 j 19:27	5°♑42'03	-1°20'12
minimum elong	-7432 Feb 19 j 22:48	5°♑52'19	1°20'41
	-7432 Mar 10 j 14:32	0°♒	
evening rise	-7432 Mar 26 j 16:07	19°♒44'38	
	-7432 Apr 04 j 00:21	0°♓	
asc. node	-7432 Apr 08 j 06:17	5°♓13'14	
	-7432 Apr 28 j 09:59	0°♈	
	-7432 May 22 j 20:10	0°♉	
	-7432 Jun 16 j 08:12	0°♊	
	-7432 Jul 11 j 00:33	0°♋	
desc. node	-7432 Jul 29 j 15:26	22°♋21'26	
	-7432 Aug 05 j 01:56	0°♌	
	-7432 Aug 30 j 22:08	0°♍	
evening max el	-7432 Sep 25 j 05:38	27°♍27'52	47°26'34
	-7432 Sep 27 j 17:39	0°♎	
greatest brilliancy	-7432 Nov 04 j 11:44	29°♎13'05	-4.9m
	-7432 Nov 06 j 15:36	0°♏	
retrograde	-7432 Nov 15 j 08:08	1°♏28'33	
asc. node	-7432 Nov 19 j 01:10	1°♏11'06	
	-7432 Nov 23 j 16:08	30°℞♎	
evening set	-7432 Nov 30 j 08:42	26°♎50'21	
min. Earth dist.	-7432 Dec 05 j 08:28	23°♎46'12	0.28074 AU
inferior conj	-7432 Dec 06 j 08:06	23°♎08'21	3°59'37
minimum elong	-7432 Dec 06 j 00:41	23°♎20'15	3°57'32
morning rise	-7432 Dec 11 j 17:40	19°♎48'37	
direct	-7432 Dec 27 j 06:12	15°♎01'44	
greatest brilliancy	-7431 Jan 05 j 00:23	16°♎28'16	-4.8m
	-7431 Jan 27 j 23:19	0°♏	
morning max el	-7431 Feb 14 j 02:10	15°♏04'12	45°56'11
	-7431 Mar 01 j 02:23	0°♐	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

desc. node	-7431 Mar 11 j 13:58	11°♐02'20	
	-7431 Mar 28 j 21:06	0°♑	
	-7431 Apr 24 j 01:52	0°♒	
	-7431 May 19 j 08:27	0°♓	
	-7431 Jun 12 j 23:32	0°♈	
asc. node	-7431 Jul 01 j 19:44	23°♈21'08	
	-7431 Jul 07 j 03:27	0°♉	
greatest brilliancy	-7431 Jul 28 j 02:30	26°♉20'32	-3.9m
	-7431 Jul 31 j 00:02	0°♊	
morning set	-7431 Aug 10 j 06:53	13°♊00'07	
	-7431 Aug 23 j 17:16	0°♋	
	-7431 Sep 16 j 10:50	0°♌	
superior conj	-7431 Sep 20 j 03:03	4°♌38'03	1°04'30
minimum elong	-7431 Sep 20 j 14:36	5°♌14'29	1°04'35
max. Earth dist.	-7431 Sep 25 j 15:25	11°♌34'48	1.70979 AU
	-7431 Oct 10 j 07:22	0°♍	
desc. node	-7431 Oct 22 j 02:30	14°♍45'19	
evening rise	-7431 Nov 02 j 06:30	28°♍40'35	
	-7431 Nov 03 j 08:02	0°♎	
	-7431 Nov 27 j 12:50	0°♏	
	-7431 Dec 21 j 21:57	0°♐	
	-7430 Jan 15 j 13:00	0°♑	
	-7430 Feb 09 j 13:42	0°♒	
asc. node	-7430 Feb 11 j 07:40	2°♒04'14	
	-7430 Mar 07 j 06:15	0°♓	
	-7430 Apr 03 j 02:03	0°♈	
evening max el	-7430 Apr 30 j 03:09	27°♈48'49	45°48'12
	-7430 May 02 j 10:25	0°♉	
desc. node	-7430 Jun 03 j 20:07	24°♉24'55	
greatest brilliancy	-7430 Jun 08 j 17:31	26°♉24'08	-4.8m
retrograde	-7430 Jun 18 j 10:04	28°♉05'40	
evening set	-7430 Jul 04 j 12:03	23°♉15'49	
inferior conj	-7430 Jul 09 j 06:55	20°♉28'13	-7°22'47
minimum elong	-7430 Jul 08 j 20:58	20°♉43'08	7°20'42
min. Earth dist.	-7430 Jul 09 j 07:14	20°♉27'45	0.26952 AU
morning rise	-7430 Jul 13 j 05:39	18°♉08'28	
direct	-7430 Jul 30 j 00:52	12°♉48'34	
greatest brilliancy	-7430 Aug 09 j 19:16	14°♉58'01	-4.9m
	-7430 Sep 01 j 17:16	0°♊	
morning max el	-7430 Sep 18 j 17:04	16°♊08'29	46°47'45
asc. node	-7430 Sep 24 j 05:55	21°♊54'38	
	-7430 Oct 01 j 17:58	0°♋	
	-7430 Oct 28 j 01:28	0°♌	
	-7430 Nov 22 j 08:31	0°♍	
	-7430 Dec 17 j 08:41	0°♎	
	-7429 Jan 11 j 07:09	0°♏	
desc. node	-7429 Jan 14 j 15:53	4°♏03'11	
	-7429 Feb 05 j 04:01	0°♐	
	-7429 Mar 01 j 21:52	0°♑	
morning set	-7429 Mar 22 j 18:59	25°♑28'41	
	-7429 Mar 26 j 11:36	0°♒	
	-7429 Apr 19 j 21:00	0°♓	
max. Earth dist.	-7429 Apr 23 j 01:31	3°♓56'16	1.73130 AU
superior conj	-7429 Apr 27 j 04:36	9°♓02'25	-0°22'08
minimum elong	-7429 Apr 27 j 08:45	9°♓15'14	0°22'11
asc. node	-7429 May 06 j 19:32	20°♓57'12	
	-7429 May 14 j 02:30	0°♈	
evening rise	-7429 Jun 01 j 21:03	23°♈21'23	
	-7429 Jun 07 j 04:59	0°♉	
	-7429 Jul 01 j 05:49	0°♊	
	-7429 Jul 25 j 07:00	0°♋	
	-7429 Aug 18 j 10:55	0°♌	
desc. node	-7429 Aug 27 j 03:09	10°♌42'48	
	-7429 Sep 11 j 20:11	0°♍	
	-7429 Oct 06 j 14:29	0°♎	
	-7429 Nov 01 j 01:48	0°♏	
	-7429 Nov 28 j 04:49	0°♐	
evening max el	-7429 Dec 05 j 17:07	7°♐40'32	45°53'05
asc. node	-7429 Dec 17 j 11:39	18°♐49'15	
	-7429 Dec 31 j 13:00	0°♑	
greatest brilliancy	-7428 Jan 13 j 02:26	6°♑52'01	-4.7m
retrograde	-7428 Jan 24 j 01:13	9°♑04'55	
evening set	-7428 Feb 10 j 18:29	3°♑04'47	
inferior conj	-7428 Feb 14 j 13:03	0°♑42'23	8°04'29
minimum elong	-7428 Feb 14 j 14:30	0°♑40'03	8°03'57
min. Earth dist.	-7428 Feb 14 j 19:13	0°♑32'32	0.29570 AU
	-7428 Feb 15 j 15:34	30°℞♐	
morning rise	-7428 Feb 18 j 10:31	28°♐15'06	
direct	-7428 Mar 07 j 08:43	22°♐11'01	
greatest brilliancy	-7428 Mar 17 j 07:30	23°♐57'10	-4.7m
	-7428 Mar 29 j 11:11	0°♑	
desc. node	-7428 Apr 08 j 01:03	6°♑49'54	
morning max el	-7428 Apr 25 j 07:50	22°♑00'23	45°59'30
	-7428 May 03 j 10:48	0°♒	
	-7428 May 31 j 09:08	0°♓	
	-7428 Jun 26 j 05:54	0°♈	
	-7428 Jul 21 j 01:06	0°♉	
asc. node	-7428 Jul 29 j 08:30	10°♉14'36	
	-7428 Aug 14 j 05:28	0°♊	
	-7428 Sep 07 j 02:21	0°♋	
	-7428 Sep 30 j 21:36	0°♌	
	-7428 Oct 24 j 19:09	0°♍	
morning set	-7428 Oct 26 j 11:39	2°♍06'41	
	-7428 Nov 17 j 20:41	0°♎	
desc. node	-7428 Nov 18 j 15:46	0°♎59'17	
superior conj	-7428 Dec 07 j 11:06	24°♎17'36	-0°41'00
minimum elong	-7428 Dec 07 j 02:02	23°♎49'33	0°40'47
max. Earth dist.	-7428 Dec 11 j 07:36	29°♎03'23	1.72700 AU
	-7428 Dec 12 j 01:56	0°♏	
	-7427 Jan 05 j 09:52	0°♐	
evening rise	-7427 Jan 15 j 17:08	12°♐40'06	
	-7427 Jan 29 j 19:58	0°♑	
	-7427 Feb 23 j 08:51	0°♒	
asc. node	-7427 Mar 10 j 19:47	18°♒47'42	
	-7427 Mar 20 j 01:56	0°♓	
	-7427 Apr 14 j 01:02	0°♈	
	-7427 May 09 j 08:44	0°♉	
	-7427 Jun 04 j 06:46	0°♊	
desc. node	-7427 Jul 01 j 06:34	29°♊46'59	
	-7427 Jul 01 j 11:29	0°♋	
evening max el	-7427 Jul 12 j 21:01	11°♋43'57	47°25'18
	-7427 Aug 01 j 20:11	0°♌	
greatest brilliancy	-7427 Aug 23 j 10:48	13°♌05'38	-4.9m
retrograde	-7427 Sep 01 j 15:02	14°♌42'48	
evening set	-7427 Sep 18 j 01:00	9°♌25'55	
inferior conj	-7427 Sep 22 j 06:43	6°♌52'24	-6°38'51
minimum elong	-7427 Sep 22 j 17:13	6°♌36'15	6°36'08
min. Earth dist.	-7427 Sep 22 j 02:15	6°♌59'16	0.26577 AU
morning rise	-7427 Sep 27 j 09:32	3°♌49'26	
	-7427 Oct 06 j 12:09	30°℞♋	
direct	-7427 Oct 12 j 10:51	29°♋15'24	
	-7427 Oct 18 j 13:47	0°♌	
asc. node	-7427 Oct 21 j 16:46	0°♌54'31	
greatest brilliancy	-7427 Oct 22 j 10:56	1°♌10'38	-4.9m
	-7427 Nov 29 j 16:48	0°♍	
morning max el	-7427 Dec 01 j 13:08	1°♍49'49	46°25'05
	-7427 Dec 28 j 04:12	0°♎	
	-7426 Jan 23 j 19:26	0°♏	
desc. node	-7426 Feb 11 j 04:24	21°♏13'36	
	-7426 Feb 18 j 16:43	0°♐	
	-7426 Mar 16 j 02:14	0°♑	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7426 Apr 10 j 01:42	0°♒	
	-7426 May 04 j 16:08	0°♓	
morning set	-7426 May 28 j 09:33	29°♓19'09	
	-7426 May 28 j 22:42	0°♈	
asc. node	-7426 Jun 03 j 08:40	6°♈44'24	
	-7426 Jun 21 j 23:03	0°♉	
max. Earth dist.	-7426 Jul 01 j 04:05	11°♉34'01	1.71387 AU
superior conj	-7426 Jul 04 j 09:57	15°♉38'52	1°03'57
minimum elong	-7426 Jul 04 j 00:42	15°♉09'47	1°03'58
	-7426 Jul 15 j 19:23	0°♊	
	-7426 Aug 08 j 14:23	0°♋	
evening rise	-7426 Aug 12 j 06:43	4°♋38'21	
	-7426 Sep 01 j 10:39	0°♌	
desc. node	-7426 Sep 23 j 15:41	27°♌47'26	
	-7426 Sep 25 j 10:14	0°♍	
	-7426 Oct 19 j 14:28	0°♎	
	-7426 Nov 13 j 00:56	0°♏	
	-7426 Dec 07 j 21:15	0°♐	
	-7425 Jan 02 j 11:54	0°♑	
asc. node	-7425 Jan 13 j 22:24	12°♑55'11	
	-7425 Jan 29 j 17:09	0°♒	
evening max el	-7425 Feb 14 j 16:24	16°♒01'34	44°58'54
	-7425 Mar 02 j 15:12	0°♓	
greatest brilliancy	-7425 Mar 24 j 05:33	12°♓55'44	-4.7m
retrograde	-7425 Apr 03 j 16:08	14°♓50'49	
evening set	-7425 Apr 18 j 22:31	10°♓27'10	
inferior conj	-7425 Apr 24 j 22:48	6°♓55'32	2°37'26
minimum elong	-7425 Apr 25 j 04:17	6°♓47'09	2°35'41
min. Earth dist.	-7425 Apr 25 j 23:11	6°♓18'13	0.28499 AU
morning rise	-7425 May 01 j 09:14	3°♓08'26	
desc. node	-7425 May 06 j 11:46	0°♓44'14	
	-7425 May 08 j 13:35	30°♑℞♒	
direct	-7425 May 16 j 16:51	28°♒42'00	
	-7425 May 25 j 02:21	0°♓	
greatest brilliancy	-7425 May 28 j 02:48	1°♓02'42	-4.8m
	-7425 Jul 05 j 09:51	0°♈	
morning max el	-7425 Jul 05 j 15:58	0°♈15'07	46°29'49
	-7425 Aug 02 j 09:18	0°♉	
asc. node	-7425 Aug 26 j 20:45	28°♉40'31	
	-7425 Aug 27 j 23:12	0°♊	
	-7425 Sep 21 j 13:32	0°♋	
	-7425 Oct 15 j 18:50	0°♌	
	-7425 Nov 08 j 23:04	0°♍	
	-7425 Dec 03 j 05:57	0°♎	
desc. node	-7425 Dec 17 j 04:59	17°♎10'02	
	-7425 Dec 27 j 15:52	0°♏	
morning set	-7424 Jan 10 j 20:01	17°♏22'22	
	-7424 Jan 21 j 03:21	0°♐	
	-7424 Feb 14 j 14:45	0°♑	
max. Earth dist.	-7424 Feb 16 j 15:42	2°♑30'07	1.73756 AU
superior conj	-7424 Feb 17 j 13:25	3°♑36'42	-1°20'47
minimum elong	-7424 Feb 17 j 16:10	3°♑45'08	1°21'15
	-7424 Mar 10 j 01:20	0°♒	
evening rise	-7424 Mar 24 j 11:21	17°♒42'52	
	-7424 Apr 03 j 11:16	0°♓	
asc. node	-7424 Apr 07 j 08:32	4°♓46'33	
	-7424 Apr 27 j 21:10	0°♈	
	-7424 May 22 j 07:47	0°♉	
	-7424 Jun 15 j 20:24	0°♊	
	-7424 Jul 10 j 13:33	0°♋	
desc. node	-7424 Jul 28 j 17:35	21°♋46'37	
	-7424 Aug 04 j 16:10	0°♌	
	-7424 Aug 30 j 14:45	0°♍	
evening max el	-7424 Sep 22 j 21:48	25°♍10'40	47°28'51
	-7424 Sep 27 j 16:50	0°♎	
greatest brilliancy	-7424 Nov 02 j 05:13	26°♎57'47	-4.9m
retrograde	-7424 Nov 13 j 00:20	29°♎11'47	
asc. node	-7424 Nov 18 j 03:15	28°♎38'31	
evening set	-7424 Nov 27 j 23:26	24°♎36'17	
min. Earth dist.	-7424 Dec 03 j 00:16	21°♎30'28	0.27997 AU
inferior conj	-7424 Dec 03 j 23:57	20°♎52'30	3°41'45
minimum elong	-7424 Dec 03 j 16:56	21°♎03'45	3°39'46
morning rise	-7424 Dec 09 j 11:29	17°♎29'54	
direct	-7424 Dec 24 j 21:29	12°♎47'25	
greatest brilliancy	-7423 Jan 02 j 15:26	14°♎13'45	-4.8m
	-7423 Jan 28 j 08:13	0°♏	
morning max el	-7423 Feb 11 j 16:51	12°♏50'50	45°56'30
	-7423 Feb 28 j 20:26	0°♐	
desc. node	-7423 Mar 10 j 16:13	10°♐24'38	
	-7423 Mar 28 j 11:25	0°♑	
	-7423 Apr 23 j 14:35	0°♒	
	-7423 May 18 j 20:21	0°♓	
	-7423 Jun 12 j 11:01	0°♈	
asc. node	-7423 Jun 30 j 21:50	22°♈52'23	
	-7423 Jul 06 j 14:43	0°♉	
greatest brilliancy	-7423 Jul 27 j 12:30	26°♉16'45	-3.9m
	-7423 Jul 30 j 11:14	0°♊	
morning set	-7423 Aug 07 j 18:43	10°♊30'20	
	-7423 Aug 23 j 04:27	0°♋	
	-7423 Sep 15 j 22:01	0°♌	
superior conj	-7423 Sep 17 j 12:03	1°♌59'55	1°06'57
minimum elong	-7423 Sep 17 j 23:19	2°♌35'25	1°07'05
max. Earth dist.	-7423 Sep 22 j 17:26	8°♌34'51	1.70934 AU
	-7423 Oct 09 j 18:34	0°♍	
desc. node	-7423 Oct 21 j 04:38	14°♍17'04	
evening rise	-7423 Oct 30 j 15:26	26°♍04'09	
	-7423 Nov 02 j 19:13	0°♎	
	-7423 Nov 27 j 00:03	0°♏	
	-7423 Dec 21 j 09:17	0°♐	
	-7422 Jan 15 j 00:40	0°♑	
	-7422 Feb 09 j 02:06	0°♒	
asc. node	-7422 Feb 10 j 09:53	1°♒33'59	
	-7422 Mar 06 j 20:04	0°♓	
	-7422 Apr 02 j 18:55	0°♈	
evening max el	-7422 Apr 27 j 15:32	25°♈26'11	45°45'00
	-7422 May 02 j 12:12	0°♉	
desc. node	-7422 Jun 02 j 22:12	22°♉42'41	
greatest brilliancy	-7422 Jun 06 j 05:11	23°♉58'39	-4.8m
retrograde	-7422 Jun 15 j 21:40	25°♉40'26	
evening set	-7422 Jul 01 j 20:20	20°♉55'52	
inferior conj	-7422 Jul 06 j 19:19	18°♉02'58	-7°08'49
minimum elong	-7422 Jul 06 j 09:05	18°♉18'17	7°06'36
min. Earth dist.	-7422 Jul 06 j 20:33	18°♉01'06	0.26985 AU
morning rise	-7422 Jul 10 j 21:32	15°♉38'16	
direct	-7422 Jul 27 j 13:18	10°♉22'16	
greatest brilliancy	-7422 Aug 07 j 10:03	12°♉33'21	-4.9m
	-7422 Sep 02 j 01:40	0°♊	
morning max el	-7422 Sep 16 j 05:18	13°♊38'06	46°47'58
asc. node	-7422 Sep 23 j 08:14	21°♊05'24	
	-7422 Oct 01 j 12:49	0°♋	
	-7422 Oct 27 j 16:39	0°♌	
	-7422 Nov 21 j 22:01	0°♍	
	-7422 Dec 16 j 21:11	0°♎	
	-7421 Jan 10 j 18:58	0°♏	
desc. node	-7421 Jan 13 j 18:04	3°♏34'19	
	-7421 Feb 04 j 15:23	0°♐	
	-7421 Mar 01 j 08:56	0°♑	
morning set	-7421 Mar 20 j 14:10	23°♑27'01	
	-7421 Mar 25 j 22:32	0°♒	
	-7421 Apr 19 j 07:55	0°♓	
max. Earth dist.	-7421 Apr 20 j 23:06	2°♓00'57	1.73183 AU

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

superior conj	-7421 Apr 24 j 23:54	6°♓59'57	-0°25'00
minimum elong	-7421 Apr 25 j 04:32	7°♓14'15	0°25'02
asc. node	-7421 May 05 j 21:35	20°♓29'37	
	-7421 May 13 j 13:30	0°♈	
evening rise	-7421 May 30 j 15:20	21°♈14'16	
	-7421 Jun 06 j 16:08	0°♉	
	-7421 Jun 30 j 17:13	0°♊	
	-7421 Jul 24 j 18:43	0°♋	
	-7421 Aug 17 j 23:02	0°♌	
desc. node	-7421 Aug 26 j 05:24	10°♌11'55	
	-7421 Sep 11 j 08:51	0°♍	
	-7421 Oct 06 j 04:00	0°♎	
	-7421 Oct 31 j 16:56	0°♏	
	-7421 Nov 28 j 00:14	0°♐	
evening max el	-7421 Dec 03 j 08:23	5°♐25'36	45°56'29
asc. node	-7421 Dec 16 j 13:53	17°♐52'57	
	-7420 Jan 01 j 12:20	0°♑	
greatest brilliancy	-7420 Jan 10 j 19:05	4°♑44'37	-4.7m
retrograde	-7420 Jan 21 j 19:12	6°♑59'12	
evening set	-7420 Feb 08 j 11:57	0°♑58'19	
	-7420 Feb 10 j 01:37	30°℞♐	
inferior conj	-7420 Feb 12 j 06:36	28°♐35'51	8°05'54
minimum elong	-7420 Feb 12 j 07:25	28°♐34'32	8°05'23
min. Earth dist.	-7420 Feb 12 j 11:16	28°♐28'23	0.29563 AU
morning rise	-7420 Feb 16 j 02:54	26°♐10'28	
direct	-7420 Mar 05 j 01:35	20°♐04'29	
greatest brilliancy	-7420 Mar 14 j 23:08	21°♐49'48	-4.7m
	-7420 Mar 30 j 08:44	0°♑	
desc. node	-7420 Apr 07 j 03:15	5°♑48'59	
morning max el	-7420 Apr 23 j 00:52	19°♑53'07	45°58'46
	-7420 May 03 j 06:11	0°♒	
	-7420 May 31 j 00:05	0°♓	
	-7420 Jun 25 j 19:09	0°♈	
	-7420 Jul 20 j 13:30	0°♉	
asc. node	-7420 Jul 28 j 10:45	9°♉43'42	
	-7420 Aug 13 j 17:24	0°♊	
	-7420 Sep 06 j 14:03	0°♋	
	-7420 Sep 30 j 09:09	0°♌	
morning set	-7420 Oct 23 j 21:19	29°♌31'00	
	-7420 Oct 24 j 06:35	0°♍	
	-7420 Nov 17 j 08:00	0°♎	
desc. node	-7420 Nov 17 j 17:45	0°♎30'16	
superior conj	-7420 Dec 04 j 22:48	21°♎50'33	-0°37'48
minimum elong	-7420 Dec 04 j 14:10	21°♎23'51	0°37'35
max. Earth dist.	-7420 Dec 08 j 21:24	26°♎43'03	1.72641 AU
	-7420 Dec 11 j 13:09	0°♏	
	-7419 Jan 04 j 21:01	0°♐	
evening rise	-7419 Jan 13 j 09:05	10°♐27'26	
	-7419 Jan 29 j 07:09	0°♑	
	-7419 Feb 22 j 20:12	0°♒	
asc. node	-7419 Mar 09 j 22:04	18°♒19'38	
	-7419 Mar 19 j 13:40	0°♓	
	-7419 Apr 13 j 13:30	0°♈	
	-7419 May 08 j 22:25	0°♉	
	-7419 Jun 03 j 22:38	0°♊	
desc. node	-7419 Jun 30 j 08:47	28°♊58'50	
	-7419 Jul 01 j 08:06	0°♋	
evening max el	-7419 Jul 10 j 11:01	9°♋19'32	47°22'48
	-7419 Aug 02 j 13:01	0°♌	
greatest brilliancy	-7419 Aug 20 j 23:16	10°♌34'32	-4.9m
retrograde	-7419 Aug 30 j 04:06	12°♌11'52	
evening set	-7419 Sep 15 j 16:46	6°♌50'22	
inferior conj	-7419 Sep 19 j 19:05	4°♌22'02	-6°54'50
minimum elong	-7419 Sep 20 j 05:32	4°♌05'59	6°52'14
min. Earth dist.	-7419 Sep 19 j 14:42	4°♌28'45	0.26567 AU
morning rise	-7419 Sep 24 j 18:27	1°♌24'27	
direct	-7419 Sep 27 j 10:27	30°℞♋	
	-7419 Oct 09 j 23:47	26°♋45'36	
greatest brilliancy	-7419 Oct 19 j 23:33	28°♋41'07	-4.9m
asc. node	-7419 Oct 20 j 18:53	28°♋59'31	
	-7419 Oct 23 j 03:26	0°♌	
morning max el	-7419 Nov 29 j 03:46	29°♌28'07	46°26'14
	-7419 Nov 29 j 16:30	0°♍	
	-7419 Dec 27 j 20:58	0°♎	
	-7418 Jan 23 j 09:33	0°♏	
desc. node	-7418 Feb 10 j 06:35	20°♏41'47	
	-7418 Feb 18 j 05:29	0°♐	
	-7418 Mar 15 j 14:12	0°♑	
	-7418 Apr 09 j 13:11	0°♒	
	-7418 May 04 j 03:21	0°♓	
morning set	-7418 May 26 j 03:40	27°♓11'48	
	-7418 May 28 j 09:49	0°♈	
asc. node	-7418 Jun 02 j 10:49	6°♈16'26	
	-7418 Jun 21 j 10:12	0°♉	
max. Earth dist.	-7418 Jun 28 j 14:02	8°♉59'13	1.71447 AU
superior conj	-7418 Jul 02 j 01:29	13°♉21'30	1°01'43
minimum elong	-7418 Jul 01 j 16:14	12°♉52'23	1°01'43
	-7418 Jul 15 j 06:41	0°♊	
	-7418 Aug 08 j 01:50	0°♋	
evening rise	-7418 Aug 09 j 17:47	2°♋05'53	
	-7418 Aug 31 j 22:15	0°♌	
desc. node	-7418 Sep 22 j 17:46	27°♌17'20	
	-7418 Sep 24 j 21:59	0°♍	
	-7418 Oct 19 j 02:26	0°♎	
	-7418 Nov 12 j 13:16	0°♏	
	-7418 Dec 07 j 10:16	0°♐	
	-7417 Jan 02 j 02:23	0°♑	
asc. node	-7417 Jan 13 j 00:42	12°♑18'15	
	-7417 Jan 29 j 11:22	0°♒	
evening max el	-7417 Feb 12 j 08:24	13°♒51'16	44°59'11
	-7417 Mar 03 j 02:41	0°♓	
greatest brilliancy	-7417 Mar 21 j 21:11	10°♓45'53	-4.7m
retrograde	-7417 Apr 01 j 07:11	12°♓40'25	
evening set	-7417 Apr 16 j 16:05	8°♓14'04	
inferior conj	-7417 Apr 22 j 14:30	4°♓44'25	2°55'55
minimum elong	-7417 Apr 22 j 20:32	4°♓35'09	2°54'02
min. Earth dist.	-7417 Apr 23 j 15:14	4°♓06'27	0.28557 AU
morning rise	-7417 Apr 29 j 00:10	0°♓57'38	
	-7417 Apr 30 j 20:37	30°℞♒	
desc. node	-7417 May 05 j 13:49	28°♒00'47	
direct	-7417 May 14 j 09:09	26°♒29'57	
greatest brilliancy	-7417 May 25 j 18:04	28°♒49'09	-4.8m
	-7417 May 28 j 12:18	0°♓	
morning max el	-7417 Jul 03 j 06:38	27°♓56'51	46°28'32
	-7417 Jul 05 j 08:00	0°♈	
	-7417 Aug 02 j 01:27	0°♉	
asc. node	-7417 Aug 25 j 23:00	28°♉04'53	
	-7417 Aug 27 j 13:15	0°♊	
	-7417 Sep 21 j 02:34	0°♋	
	-7417 Oct 15 j 07:15	0°♌	
	-7417 Nov 08 j 11:05	0°♍	
	-7417 Dec 02 j 17:39	0°♎	
desc. node	-7417 Dec 16 j 07:10	16°♎41'19	
	-7417 Dec 27 j 03:18	0°♏	
morning set	-7416 Jan 08 j 10:29	15°♏05'01	
	-7416 Jan 20 j 14:35	0°♐	
	-7416 Feb 14 j 01:51	0°♑	
max. Earth dist.	-7416 Feb 14 j 13:12	0°♑34'48	1.73743 AU
superior conj	-7416 Feb 15 j 07:25	1°♑30'40	-1°21'13
minimum elong	-7416 Feb 15 j 09:33	1°♑37'15	1°21'44
	-7416 Mar 09 j 12:24	0°♒	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

evening rise	-7416 Mar 22 j 06:48	15°♒40'54	
	-7416 Apr 02 j 22:27	0°♓	
asc. node	-7416 Apr 06 j 10:36	4°♓18'27	
	-7416 Apr 27 j 08:36	0°♈	
	-7416 May 21 j 19:37	0°♉	
	-7416 Jun 15 j 08:49	0°♊	
	-7416 Jul 10 j 02:49	0°♋	
desc. node	-7416 Jul 27 j 19:49	21°♋11'09	
	-7416 Aug 04 j 06:49	0°♌	
	-7416 Aug 30 j 08:03	0°♍	
evening max el	-7416 Sep 20 j 12:57	22°♍49'23	47°30'45
	-7416 Sep 27 j 17:42	0°♎	
greatest brilliancy	-7416 Oct 30 j 23:02	24°♎40'36	-4.9m
retrograde	-7416 Nov 10 j 15:55	26°♎52'29	
asc. node	-7416 Nov 17 j 05:30	25°♎57'54	
evening set	-7416 Nov 25 j 13:57	22°♎19'30	
min. Earth dist.	-7416 Nov 30 j 16:12	19°♎11'43	0.27919 AU
inferior conj	-7416 Dec 01 j 15:29	18°♎34'22	3°23'17
minimum elong	-7416 Dec 01 j 08:56	18°♎44'53	3°21'24
morning rise	-7416 Dec 07 j 04:55	15°♎08'56	
direct	-7416 Dec 22 j 11:51	10°♎30'41	
greatest brilliancy	-7416 Dec 31 j 06:48	11°♎57'31	-4.8m
	-7415 Jan 28 j 15:14	0°♏	
morning max el	-7415 Feb 09 j 06:47	10°♏34'22	45°57'07
	-7415 Feb 28 j 14:24	0°♐	
desc. node	-7415 Mar 09 j 18:24	9°♐46'17	
	-7415 Mar 28 j 01:50	0°♑	
	-7415 Apr 23 j 03:25	0°♒	
	-7415 May 18 j 08:23	0°♓	
	-7415 Jun 11 j 22:38	0°♈	
asc. node	-7415 Jun 30 j 00:05	22°♈23'45	
	-7415 Jul 06 j 02:08	0°♉	
greatest brilliancy	-7415 Jul 26 j 22:22	26°♉12'10	-3.9m
	-7415 Jul 29 j 22:33	0°♊	
morning set	-7415 Aug 05 j 07:11	8°♊02'11	
	-7415 Aug 22 j 15:46	0°♋	
superior conj	-7415 Sep 14 j 21:25	29°♋22'18	1°09'14
minimum elong	-7415 Sep 15 j 08:16	29°♋56'32	1°09'24
	-7415 Sep 15 j 09:22	0°♌	
max. Earth dist.	-7415 Sep 19 j 17:07	5°♌26'56	1.70903 AU
	-7415 Oct 09 j 05:58	0°♍	
desc. node	-7415 Oct 20 j 06:39	13°♍47'44	
evening rise	-7415 Oct 28 j 00:03	23°♍25'52	
	-7415 Nov 02 j 06:41	0°♎	
	-7415 Nov 26 j 11:33	0°♏	
	-7415 Dec 20 j 20:55	0°♐	
	-7414 Jan 14 j 12:38	0°♑	
	-7414 Feb 08 j 14:46	0°♒	
asc. node	-7414 Feb 09 j 12:08	1°♒03'05	
	-7414 Mar 06 j 10:13	0°♓	
	-7414 Apr 02 j 12:16	0°♈	
evening max el	-7414 Apr 25 j 04:22	23°♈04'39	45°42'03
	-7414 May 02 j 15:31	0°♉	
desc. node	-7414 Jun 02 j 00:32	20°♉57'00	
greatest brilliancy	-7414 Jun 03 j 16:38	21°♉33'22	-4.8m
retrograde	-7414 Jun 13 j 10:00	23°♉16'08	
evening set	-7414 Jun 29 j 04:58	18°♉36'22	
inferior conj	-7414 Jul 04 j 07:57	15°♉38'27	-6°54'04
minimum elong	-7414 Jul 03 j 21:31	15°♉54'03	6°51'44
min. Earth dist.	-7414 Jul 04 j 09:54	15°♉35'32	0.27018 AU
morning rise	-7414 Jul 08 j 13:40	13°♉08'59	
direct	-7414 Jul 25 j 02:21	7°♉56'42	
greatest brilliancy	-7414 Aug 05 j 00:49	10°♉09'27	-4.9m
	-7414 Sep 02 j 07:36	0°♊	
morning max el	-7414 Sep 13 j 18:41	11°♊11'02	46°48'08
asc. node	-7414 Sep 22 j 10:21	20°♊16'36	
	-7414 Oct 01 j 07:08	0°♋	
	-7414 Oct 27 j 07:40	0°♌	
	-7414 Nov 21 j 11:30	0°♍	
	-7414 Dec 16 j 09:46	0°♎	
	-7413 Jan 10 j 06:56	0°♏	
desc. node	-7413 Jan 12 j 20:13	3°♏04'54	
	-7413 Feb 04 j 02:53	0°♐	
	-7413 Feb 28 j 20:07	0°♑	
morning set	-7413 Mar 18 j 09:02	21°♑24'04	
	-7413 Mar 25 j 09:32	0°♒	
	-7413 Apr 18 j 18:53	0°♓	
max. Earth dist.	-7413 Apr 18 j 22:00	0°♓09'39	1.73229 AU
superior conj	-7413 Apr 22 j 19:03	4°♓56'56	-0°27'50
minimum elong	-7413 Apr 23 j 00:08	5°♓12'38	0°27'52
asc. node	-7413 May 04 j 23:42	20°♓02'11	
	-7413 May 13 j 00:32	0°♈	
evening rise	-7413 May 28 j 09:45	19°♈07'33	
	-7413 Jun 06 j 03:20	0°♉	
	-7413 Jun 30 j 04:39	0°♊	
	-7413 Jul 24 j 06:28	0°♋	
	-7413 Aug 17 j 11:10	0°♌	
desc. node	-7413 Aug 25 j 07:32	9°♌40'41	
	-7413 Sep 10 j 21:31	0°♍	
	-7413 Oct 05 j 17:30	0°♎	
	-7413 Oct 31 j 08:11	0°♏	
	-7413 Nov 27 j 20:16	0°♐	
evening max el	-7413 Dec 01 j 00:28	3°♐12'29	45°59'41
asc. node	-7413 Dec 15 j 16:11	16°♐55'13	
	-7412 Jan 02 j 21:40	0°♑	
greatest brilliancy	-7412 Jan 08 j 11:25	2°♑36'03	-4.7m
retrograde	-7412 Jan 19 j 13:14	4°♑52'14	
	-7412 Feb 04 j 06:29	30°℞♐	
evening set	-7412 Feb 06 j 04:56	28°♐51'11	
inferior conj	-7412 Feb 09 j 23:53	26°♐28'09	8°06'36
minimum elong	-7412 Feb 10 j 00:04	26°♐27'53	8°06'08
min. Earth dist.	-7412 Feb 10 j 02:50	26°♐23'27	0.29553 AU
morning rise	-7412 Feb 13 j 19:14	24°♐04'21	
direct	-7412 Mar 02 j 18:38	17°♐57'01	
greatest brilliancy	-7412 Mar 12 j 14:01	19°♐40'56	-4.7m
	-7412 Mar 31 j 01:01	0°♑	
desc. node	-7412 Apr 06 j 05:18	4°♑48'48	
morning max el	-7412 Apr 20 j 18:14	17°♑46'41	45°58'07
	-7412 May 03 j 01:05	0°♒	
	-7412 May 30 j 14:49	0°♓	
	-7412 Jun 25 j 08:12	0°♈	
	-7412 Jul 20 j 01:43	0°♉	
asc. node	-7412 Jul 27 j 12:52	9°♉12'53	
	-7412 Aug 13 j 05:12	0°♊	
	-7412 Sep 06 j 01:36	0°♋	
	-7412 Sep 29 j 20:33	0°♌	
morning set	-7412 Oct 21 j 07:24	26°♌57'04	
	-7412 Oct 23 j 17:50	0°♍	
desc. node	-7412 Nov 16 j 19:57	0°♎02'35	
	-7412 Nov 16 j 19:07	0°♎	
superior conj	-7412 Dec 02 j 10:29	19°♎23'56	-0°34'32
minimum elong	-7412 Dec 02 j 02:22	18°♎58'50	0°34'18
max. Earth dist.	-7412 Dec 06 j 13:21	24°♎29'50	1.72585 AU
	-7412 Dec 11 j 00:10	0°♏	
	-7411 Jan 04 j 08:01	0°♐	
evening rise	-7411 Jan 11 j 00:55	8°♐14'48	
	-7411 Jan 28 j 18:13	0°♑	
	-7411 Feb 22 j 07:28	0°♒	
asc. node	-7411 Mar 09 j 00:06	17°♒51'01	
	-7411 Mar 19 j 01:21	0°♓	
	-7411 Apr 13 j 01:54	0°♈	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7411 May 08 j 12:05	0°♉	
	-7411 Jun 03 j 14:33	0°♊	
desc. node	-7411 Jun 29 j 11:00	28°♊10'34	
	-7411 Jul 01 j 05:09	0°♋	
evening max el	-7411 Jul 08 j 01:28	6°♋56'55	47°20'11
	-7411 Aug 03 j 11:03	0°♌	
greatest brilliancy	-7411 Aug 18 j 11:39	8°♌04'05	-4.9m
retrograde	-7411 Aug 27 j 17:00	9°♌41'13	
evening set	-7411 Sep 13 j 08:30	4°♌15'29	
inferior conj	-7411 Sep 17 j 07:22	1°♌52'07	-7°10'03
minimum elong	-7411 Sep 17 j 17:40	1°♌36'19	7°07'36
min. Earth dist.	-7411 Sep 17 j 03:03	1°♌58'45	0.26556 AU
	-7411 Sep 20 j 09:26	30°℞♋	
morning rise	-7411 Sep 22 j 03:02	29°♋00'02	
direct	-7411 Oct 07 j 12:41	24°♋16'29	
greatest brilliancy	-7411 Oct 17 j 11:53	26°♋11'42	-4.9m
asc. node	-7411 Oct 19 j 21:05	27°♋09'39	
	-7411 Oct 25 j 09:27	0°♌	
morning max el	-7411 Nov 26 j 17:49	27°♌05'38	46°27'25
	-7411 Nov 29 j 14:55	0°♍	
	-7411 Dec 27 j 13:06	0°♎	
	-7410 Jan 22 j 23:15	0°♏	
desc. node	-7410 Feb 09 j 08:41	20°♏10'38	
	-7410 Feb 17 j 17:54	0°♐	
	-7410 Mar 15 j 01:54	0°♑	
	-7410 Apr 09 j 00:27	0°♒	
	-7410 May 03 j 14:22	0°♓	
morning set	-7410 May 23 j 21:34	25°♓04'29	
	-7410 May 27 j 20:44	0°♈	
asc. node	-7410 Jun 01 j 13:03	5°♈49'23	
	-7410 Jun 20 j 21:08	0°♉	
max. Earth dist.	-7410 Jun 25 j 23:19	6°♉23'20	1.71506 AU
superior conj	-7410 Jun 29 j 17:00	11°♉04'58	0°59'23
minimum elong	-7410 Jun 29 j 07:47	10°♉36'00	0°59'22
	-7410 Jul 14 j 17:42	0°♊	
evening rise	-7410 Aug 07 j 05:02	29°♊34'55	
	-7410 Aug 07 j 13:00	0°♋	
	-7410 Aug 31 j 09:34	0°♌	
desc. node	-7410 Sep 21 j 19:48	26°♌47'56	
	-7410 Sep 24 j 09:28	0°♍	
	-7410 Oct 18 j 14:09	0°♎	
	-7410 Nov 12 j 01:20	0°♏	
	-7410 Dec 06 j 23:00	0°♐	
	-7409 Jan 01 j 16:37	0°♑	
asc. node	-7409 Jan 12 j 02:53	11°♑41'46	
	-7409 Jan 29 j 05:39	0°♒	
evening max el	-7409 Feb 09 j 23:27	11°♒39'35	44°59'23
	-7409 Mar 03 j 17:36	0°♓	
greatest brilliancy	-7409 Mar 19 j 12:49	8°♓36'40	-4.7m
retrograde	-7409 Mar 29 j 21:50	10°♓30'45	
evening set	-7409 Apr 14 j 09:37	6°♓01'15	
inferior conj	-7409 Apr 20 j 06:09	2°♓33'57	3°14'02
minimum elong	-7409 Apr 20 j 12:41	2°♓23'53	3°12'02
min. Earth dist.	-7409 Apr 21 j 07:31	1°♓54'54	0.28620 AU
	-7409 Apr 24 j 11:44	30°℞♒	
morning rise	-7409 Apr 26 j 14:52	28°♒47'41	
desc. node	-7409 May 04 j 16:08	25°♒21'50	
direct	-7409 May 12 j 00:56	24°♒18'16	
greatest brilliancy	-7409 May 23 j 09:56	26°♒36'49	-4.8m
	-7409 May 30 j 10:39	0°♓	
morning max el	-7409 Jun 30 j 20:54	25°♓38'15	46°27'24
	-7409 Jul 05 j 05:08	0°♈	
	-7409 Aug 01 j 17:06	0°♉	
asc. node	-7409 Aug 25 j 01:06	27°♉29'57	
	-7409 Aug 27 j 02:52	0°♊	
	-7409 Sep 20 j 15:10	0°♋	
	-7409 Oct 14 j 19:16	0°♌	
	-7409 Nov 07 j 22:43	0°♍	
	-7409 Dec 02 j 04:59	0°♎	
desc. node	-7409 Dec 15 j 09:18	16°♎13'28	
	-7409 Dec 26 j 14:23	0°♏	
morning set	-7408 Jan 06 j 00:53	12°♏48'27	
	-7408 Jan 20 j 01:27	0°♐	
max. Earth dist.	-7408 Feb 12 j 09:39	28°♐37'26	1.73728 AU
superior conj	-7408 Feb 13 j 01:27	29°♐25'52	-1°21'34
minimum elong	-7408 Feb 13 j 02:58	29°♐30'33	1°22'04
	-7408 Feb 13 j 12:35	0°♑	
	-7408 Mar 08 j 23:08	0°♒	
evening rise	-7408 Mar 20 j 02:14	13°♒40'03	
	-7408 Apr 02 j 09:19	0°♓	
asc. node	-7408 Apr 05 j 12:47	3°♓51'42	
	-7408 Apr 26 j 19:46	0°♈	
	-7408 May 21 j 07:13	0°♉	
	-7408 Jun 14 j 21:02	0°♊	
	-7408 Jul 09 j 15:55	0°♋	
desc. node	-7408 Jul 26 j 21:55	20°♋35'51	
	-7408 Aug 03 j 21:19	0°♌	
	-7408 Aug 30 j 01:21	0°♍	
evening max el	-7408 Sep 18 j 03:18	20°♍26'58	47°32'43
	-7408 Sep 27 j 19:22	0°♎	
greatest brilliancy	-7408 Oct 28 j 16:45	22°♎24'00	-4.9m
retrograde	-7408 Nov 08 j 07:18	24°♎34'04	
asc. node	-7408 Nov 16 j 07:50	23°♎12'42	
evening set	-7408 Nov 23 j 04:32	20°♎02'57	
min. Earth dist.	-7408 Nov 28 j 08:14	16°♎53'25	0.27844 AU
inferior conj	-7408 Nov 29 j 06:57	16°♎17'00	3°04'22
minimum elong	-7408 Nov 29 j 00:54	16°♎26'42	3°02'35
morning rise	-7408 Dec 04 j 22:13	12°♎48'54	
direct	-7408 Dec 20 j 01:47	8°♎14'25	
greatest brilliancy	-7408 Dec 28 j 22:30	9°♎42'24	-4.8m
	-7407 Jan 28 j 19:43	0°♏	
morning max el	-7407 Feb 06 j 21:09	8°♏19'49	45°57'52
	-7407 Feb 28 j 07:33	0°♐	
desc. node	-7407 Mar 08 j 20:26	9°♐09'01	
	-7407 Mar 27 j 15:42	0°♑	
	-7407 Apr 22 j 15:50	0°♒	
	-7407 May 17 j 20:04	0°♓	
	-7407 Jun 11 j 09:58	0°♈	
asc. node	-7407 Jun 29 j 02:11	21°♈55'23	
	-7407 Jul 05 j 13:18	0°♉	
greatest brilliancy	-7407 Jul 26 j 09:24	26°♉11'57	-3.9m
	-7407 Jul 29 j 09:40	0°♊	
morning set	-7407 Aug 02 j 19:25	5°♊34'02	
	-7407 Aug 22 j 02:51	0°♋	
superior conj	-7407 Sep 12 j 06:29	26°♋44'27	1°11'22
minimum elong	-7407 Sep 12 j 16:52	27°♋17'11	1°11'35
	-7407 Sep 14 j 20:29	0°♌	
max. Earth dist.	-7407 Sep 16 j 16:54	2°♌20'01	1.70872 AU
	-7407 Oct 08 j 17:06	0°♍	
desc. node	-7407 Oct 19 j 08:51	13°♍19'53	
evening rise	-7407 Oct 25 j 08:24	20°♍47'37	
	-7407 Nov 01 j 17:50	0°♎	
	-7407 Nov 25 j 22:45	0°♏	
	-7407 Dec 20 j 08:16	0°♐	
	-7406 Jan 14 j 00:20	0°♑	
	-7406 Feb 08 j 03:12	0°♒	
asc. node	-7406 Feb 08 j 14:14	0°♒32'31	
	-7406 Mar 06 j 00:10	0°♓	
	-7406 Apr 02 j 05:36	0°♈	
evening max el	-7406 Apr 22 j 17:57	20°♈46'11	45°39'09
	-7406 May 02 j 20:07	0°♉	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

greatest brilliancy	-7406 Jun 01 j 03:13	19°♉08'08	-4.8m	
desc. node	-7406 Jun 01 j 02:40	19°♉07'40		
retrograde	-7406 Jun 10 j 22:36	20°♉52'29		
evening set	-7406 Jun 26 j 13:40	16°♉17'11		
inferior conj	-7406 Jul 01 j 20:26	13°♉14'17	-6°38'36	
minimum elong	-7406 Jul 01 j 09:52	13°♉30'02	6°36'08	
min. Earth dist.	-7406 Jul 01 j 22:47	13°♉10'47	0.27058 AU	
morning rise	-7406 Jul 06 j 05:43	10°♉40'07		
direct	-7406 Jul 22 j 15:58	5°♉31'32		
greatest brilliancy	-7406 Aug 02 j 15:05	7°♉45'19	-4.9m	
	-7406 Sep 02 j 11:34	0°♊		
morning max el	-7406 Sep 11 j 08:55	8°♊46'27	46°48'11	
asc. node	-7406 Sep 21 j 12:34	19°♊29'00		
	-7406 Oct 01 j 01:00	0°♋		
	-7406 Oct 26 j 22:24	0°♌		
	-7406 Nov 21 j 00:43	0°♍		
	-7406 Dec 15 j 22:04	0°♎		
	-7405 Jan 09 j 18:37	0°♏		
desc. node	-7405 Jan 11 j 22:15	2°♏35'52		
	-7405 Feb 03 j 14:08	0°♐		
	-7405 Feb 28 j 07:05	0°♑		
morning set	-7405 Mar 16 j 04:01	19°♑22'06		
	-7405 Mar 24 j 20:21	0°♒		
max. Earth dist.	-7405 Apr 16 j 20:57	28°♒19'08	1.73270 AU	
	-7405 Apr 18 j 05:38	0°♓		
superior conj	-7405 Apr 20 j 14:25	2°♓55'17	-0°30'37	
minimum elong	-7405 Apr 20 j 19:56	3°♓12'19	0°30'39	
asc. node	-7405 May 04 j 01:58	19°♓35'50		
	-7405 May 12 j 11:21	0°♈		
evening rise	-7405 May 26 j 04:28	17°♈02'27		
	-7405 Jun 05 j 14:20	0°♉		
	-7405 Jun 29 j 15:56	0°♊		
	-7405 Jul 23 j 18:07	0°♋		
	-7405 Aug 16 j 23:16	0°♌		
desc. node	-7405 Aug 24 j 09:36	9°♌09'21		
	-7405 Sep 10 j 10:11	0°♍		
	-7405 Oct 05 j 07:06	0°♎		
	-7405 Oct 30 j 23:37	0°♏		
	-7405 Nov 27 j 16:51	0°♐		
evening max el	-7405 Nov 28 j 17:12	1°♐01'10	46°03'08	
asc. node	-7405 Dec 14 j 18:19	15°♐56'10		
	-7404 Jan 05 j 00:18	0°♑		
greatest brilliancy	-7404 Jan 06 j 04:06	0°♑28'19	-4.8m	
retrograde	-7404 Jan 17 j 07:15	2°♑45'34		
	-7404 Jan 28 j 22:45	30°℞♐		
evening set	-7404 Feb 03 j 21:50	26°♐44'52		
inferior conj	-7404 Feb 07 j 17:15	24°♐20'52	8°06'52	
minimum elong	-7404 Feb 07 j 16:45	24°♐21'39	8°06'22	
min. Earth dist.	-7404 Feb 07 j 18:21	24°♐19'07	0.29536 AU	
morning rise	-7404 Feb 11 j 11:47	21°♐58'15		
direct	-7404 Feb 29 j 12:03	15°♐50'08		
greatest brilliancy	-7404 Mar 10 j 04:31	17°♐32'03	-4.7m	
	-7404 Mar 31 j 13:01	0°♑		
desc. node	-7404 Apr 05 j 07:37	3°♑50'53		
morning max el	-7404 Apr 18 j 11:29	15°♑40'27	45°57'29	
	-7404 May 02 j 19:22	0°♒		
	-7404 May 30 j 05:14	0°♓		
	-7404 Jun 24 j 21:02	0°♈		
	-7404 Jul 19 j 13:47	0°♉		
asc. node	-7404 Jul 26 j 15:00	8°♉42'32		
	-7404 Aug 12 j 16:53	0°♊		
	-7404 Sep 05 j 13:06	0°♋		
	-7404 Sep 29 j 07:56	0°♌		
morning set	-7404 Oct 18 j 17:06	24°♌21'42		
	-7404 Oct 23 j 05:08	0°♍		
desc. node	-7404 Nov 15 j 22:05	29°♍34'25		
	-7404 Nov 16 j 06:19	0°♎		
superior conj	-7404 Nov 29 j 21:28	16°♎54'50	-0°31'08	
minimum elong	-7404 Nov 29 j 13:58	16°♎31'36	0°30'54	
max. Earth dist.	-7404 Dec 04 j 06:02	22°♎18'32	1.72524 AU	
	-7404 Dec 10 j 11:16	0°♏		
	-7403 Jan 03 j 19:04	0°♐		
evening rise	-7403 Jan 08 j 16:17	6°♐00'33		
	-7403 Jan 28 j 05:19	0°♑		
	-7403 Feb 21 j 18:45	0°♒		
asc. node	-7403 Mar 08 j 02:19	17°♒22'51		
	-7403 Mar 18 j 13:04	0°♓		
	-7403 Apr 12 j 14:23	0°♈		
	-7403 May 08 j 01:52	0°♉		
	-7403 Jun 03 j 06:43	0°♊		
desc. node	-7403 Jun 28 j 13:08	27°♊21'26		
	-7403 Jul 01 j 02:52	0°♋		
evening max el	-7403 Jul 05 j 15:40	4°♋33'55	47°17'25	
	-7403 Aug 04 j 16:57	0°♌		
greatest brilliancy	-7403 Aug 16 j 00:25	5°♌34'28	-4.9m	
retrograde	-7403 Aug 25 j 05:29	7°♌10'41		
evening set	-7403 Sep 11 j 00:15	1°♌41'01		
	-7403 Sep 13 j 19:19	30°℞♋		
inferior conj	-7403 Sep 14 j 19:44	29°♋22'32	-7°24'24	
minimum elong	-7403 Sep 15 j 05:48	29°♋07'05	7°22'05	
min. Earth dist.	-7403 Sep 14 j 15:43	29°♋28'41	0.26551 AU	
morning rise	-7403 Sep 19 j 11:30	26°♋35'52		
direct	-7403 Oct 05 j 01:24	21°♋47'31		
greatest brilliancy	-7403 Oct 15 j 00:50	23°♋42'42	-4.9m	
asc. node	-7403 Oct 18 j 23:27	25°♋24'06		
	-7403 Oct 26 j 20:54	0°♌		
morning max el	-7403 Nov 24 j 07:04	24°♌40'17	46°28'25	
	-7403 Nov 29 j 12:42	0°♍		
	-7403 Dec 27 j 05:14	0°♎		
	-7402 Jan 22 j 13:03	0°♏		
desc. node	-7402 Feb 08 j 10:49	19°♏39'13		
	-7402 Feb 17 j 06:27	0°♐		
	-7402 Mar 14 j 13:41	0°♑		
	-7402 Apr 08 j 11:48	0°♒		
	-7402 May 03 j 01:28	0°♓		
morning set	-7402 May 21 j 15:38	22°♓57'23		
	-7402 May 27 j 07:46	0°♈		
asc. node	-7402 May 31 j 15:05	5°♈21'22		
	-7402 Jun 20 j 08:13	0°♉		
max. Earth dist.	-7402 Jun 23 j 10:19	3°♉52'25	1.71566 AU	
superior conj	-7402 Jun 27 j 08:58	8°♉49'33	0°56'59	
minimum elong	-7402 Jun 26 j 23:51	8°♉20'54	0°56'56	
	-7402 Jul 14 j 04:53	0°♊		
evening rise	-7402 Aug 04 j 17:00	27°♊05'53		
	-7402 Aug 07 j 00:17	0°♋		
	-7402 Aug 30 j 21:00	0°♌		
desc. node	-7402 Sep 20 j 22:04	26°♌18'49		
	-7402 Sep 23 j 21:06	0°♍		
	-7402 Oct 18 j 02:02	0°♎		
	-7402 Nov 11 j 13:37	0°♏		
	-7402 Dec 06 j 12:03	0°♐		
	-7401 Jan 01 j 07:18	0°♑		
asc. node	-7401 Jan 11 j 05:03	11°♑04'04		
	-7401 Jan 29 j 00:43	0°♒		
evening max el	-7401 Feb 07 j 13:52	9°♒25'34	44°59'54	
	-7401 Mar 04 j 14:04	0°♓		
greatest brilliancy	-7401 Mar 17 j 04:20	6°♓26'55	-4.7m	
retrograde	-7401 Mar 27 j 12:48	8°♓21'12		
evening set	-7401 Apr 12 j 03:22	3°♓48'05		
inferior conj	-7401 Apr 17 j 21:59	0°♓23'23	3°31'39	
minimum elong	-7401 Apr 18 j 04:58	0°♓12'37	3°29'35	

Attention, astronomical year style is used: The year -7899 in astronomical counting style is the year 7900 BCE in historical counting style.

	-7401 Apr 18 j 13:09	30°♓			-7399 Oct 08 j 04:34	0°♍		
min. Earth dist.	-7401 Apr 18 j 24:00	29°♓43'18	0.28682 AU	desc. node	-7399 Oct 18 j 10:57	12°♍50'42		
morning rise	-7401 Apr 24 j 05:37	26°♓38'03		evening rise	-7399 Oct 22 j 16:48	18°♍08'32		
desc. node	-7401 May 03 j 18:18	22°♓47'37			-7399 Nov 01 j 05:17	0°♎		
direct	-7401 May 09 j 16:41	22°♓06'21			-7399 Nov 25 j 10:14	0°♏		
greatest brilliancy	-7401 May 21 j 02:27	24°♓25'06	-4.8m		-7399 Dec 19 j 19:53	0°♐		
	-7401 May 31 j 18:19	0°♈						
morning max el	-7401 Jun 28 j 11:37	23°♈20'19	46°26'18					
	-7401 Jul 05 j 01:48	0°♈						
	-7401 Aug 01 j 08:45	0°♉						
asc. node	-7401 Aug 24 j 03:17	26°♉54'49						
	-7401 Aug 26 j 16:35	0°♊						
	-7401 Sep 20 j 03:55	0°♋						
	-7401 Oct 14 j 07:27	0°♌						
	-7401 Nov 07 j 10:31	0°♍						
	-7401 Dec 01 j 16:31	0°♎						
desc. node	-7401 Dec 14 j 11:17	15°♎44'32						
	-7401 Dec 26 j 01:43	0°♏						
morning set	-7400 Jan 03 j 15:01	10°♏30'06						
	-7400 Jan 19 j 12:35	0°♐						
max. Earth dist.	-7400 Feb 10 j 04:32	26°♐34'19	1.73714 AU					
superior conj	-7400 Feb 10 j 19:12	27°♐19'16	-1°21'48					
minimum elong	-7400 Feb 10 j 20:04	27°♐21'56	1°22'17					
	-7400 Feb 12 j 23:36	0°♑						
	-7400 Mar 08 j 10:09	0°♒						
evening rise	-7400 Mar 17 j 21:25	11°♒37'35						
	-7400 Apr 01 j 20:28	0°♓						
asc. node	-7400 Apr 04 j 15:00	3°♓24'12						
	-7400 Apr 26 j 07:13	0°♈						
	-7400 May 20 j 19:08	0°♉						
	-7400 Jun 14 j 09:35	0°♊						
	-7400 Jul 09 j 05:24	0°♋						
desc. node	-7400 Jul 26 j 00:05	19°♋59'33						
	-7400 Aug 03 j 12:17	0°♌						
	-7400 Aug 29 j 19:19	0°♍						
evening max el	-7400 Sep 15 j 17:50	18°♍04'18	47°34'41					
	-7400 Sep 27 j 22:48	0°♎						
greatest brilliancy	-7400 Oct 26 j 10:01	20°♎06'05	-4.9m					
retrograde	-7400 Nov 05 j 22:57	22°♎15'10						
asc. node	-7400 Nov 15 j 09:55	20°♎22'10						
evening set	-7400 Nov 20 j 19:16	17°♎45'20						
min. Earth dist.	-7400 Nov 26 j 00:09	14°♎34'37	0.27771 AU					
inferior conj	-7400 Nov 26 j 22:28	13°♎58'57	2°45'02					
minimum elong	-7400 Nov 26 j 16:57	14°♎07'45	2°43'24					
morning rise	-7400 Dec 02 j 15:31	10°♎28'34						
direct	-7400 Dec 17 j 15:50	5°♎57'19						
greatest brilliancy	-7400 Dec 26 j 14:10	7°♎26'40	-4.8m					
	-7399 Jan 28 j 22:49	0°♏						
morning max el	-7399 Feb 04 j 12:30	6°♏06'44	45°58'32					
	-7399 Feb 28 j 00:42	0°♐						
desc. node	-7399 Mar 07 j 22:43	8°♐31'47						
	-7399 Mar 27 j 05:47	0°♑						
	-7399 Apr 22 j 04:31	0°♒						
	-7399 May 17 j 08:02	0°♓						
	-7399 Jun 10 j 21:33	0°♈						
asc. node	-7399 Jun 28 j 04:16	21°♈26'16						
	-7399 Jul 05 j 00:42	0°♉						
greatest brilliancy	-7399 Jul 25 j 16:45	25°♉59'20	-3.9m					
	-7399 Jul 28 j 21:01	0°♊						
morning set	-7399 Jul 31 j 07:56	3°♊06'02						
	-7399 Aug 21 j 14:14	0°♋						
superior conj	-7399 Sep 09 j 15:47	24°♋06'14	1°13'20					
minimum elong	-7399 Sep 10 j 01:34	24°♋37'09	1°13'35					
max. Earth dist.	-7399 Sep 13 j 19:24	29°♋20'36	1.70846 AU					
	-7399 Sep 14 j 07:54	0°♌						