Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

superior conj	-9899 May 01 j 11:26	26°♒49'05	-0°10'01
minimum elong	-9899 May 01 j 13:27	26°♒55'23	0°10'18
behind sun begin	-9899 Apr 30 j 20:13	26°♒01'36	
behind sun end	-9899 May 02 j 06:42	27°♒49'10	
	-9899 May 04 j 00:38	0°♓	
asc. node	-9899 May 05 j 18:51	2°♓11'47	
	-9899 May 27 j 23:49	0°♈	
evening rise	-9899 Jun 06 j 22:58	12°♈30'18	
	-9899 Jun 20 j 21:20	0°♉	
	-9899 Jul 14 j 19:19	0°♊	
	-9899 Aug 07 j 20:04	0°♋	
desc. node	-9899 Aug 26 j 16:48	23°♋22'14	
	-9899 Sep 01 j 01:57	0°♌	
	-9899 Sep 25 j 15:33	0°♍	
	-9899 Oct 20 j 17:40	0°♎	
	-9899 Nov 15 j 20:26	0°♏	
evening max el	-9899 Dec 11 j 13:16	27°♏02'55	45°12'35
	-9899 Dec 14 j 14:48	0°♐	
asc. node	-9899 Dec 16 j 12:54	1°♐48'39	
greatest brilliancy	-9898 Jan 18 j 03:58	24°♐52'57	-4.7m
retrograde	-9898 Jan 28 j 22:53	26°♐59'26	
evening set	-9898 Feb 15 j 13:09	21°♐11'24	
inferior conj	-9898 Feb 19 j 10:38	18°♐47'17	7°52'22
minimum elong	-9898 Feb 19 j 14:28	18°♐41'15	7°51'35
min. Earth dist.	-9898 Feb 20 j 06:47	18°♐15'36	0.29472 AU
morning rise	-9898 Feb 23 j 15:30	16°♐10'58	
direct	-9898 Mar 13 j 10:12	10°♐16'24	
greatest brilliancy	-9898 Mar 24 j 03:05	12°♐18'06	-4.7m
desc. node	-9898 Apr 08 j 16:02	20°♐52'32	
	-9898 Apr 20 j 04:45	0°♑	
morning max el	-9898 May 01 j 20:32	10°♑43'26	46°15'22
	-9898 May 20 j 13:45	0°♒	
	-9898 Jun 16 j 03:12	0°♓	
	-9898 Jul 11 j 04:49	0°♈	
asc. node	-9898 Jul 29 j 08:48	22°♈21'16	
	-9898 Aug 04 j 12:24	0°♉	
	-9898 Aug 28 j 11:45	0°♊	
	-9898 Sep 21 j 09:33	0°♋	
	-9898 Oct 15 j 10:09	0°♌	
morning set	-9898 Nov 05 j 05:02	25°♌46'12	
	-9898 Nov 08 j 15:13	0°♍	
desc. node	-9898 Nov 19 j 04:48	13°♍01'38	
	-9898 Dec 02 j 23:57	0°♎	
superior conj	-9898 Dec 15 j 20:28	15°♎47'17	-0°54'50
minimum elong	-9898 Dec 15 j 11:05	15°♎18'29	0°54'36
max. Earth dist.	-9898 Dec 16 j 20:46	17°♎01'49	1.73461 AU
	-9898 Dec 27 j 10:25	0°♏	
	-9897 Jan 20 j 21:12	0°♐	
evening rise	-9897 Jan 22 j 05:13	1°♐38'11	
greatest brilliancy	-9897 Feb 06 j 11:43	20°♐22'03	-3.9m
	-9897 Feb 14 j 08:21	0°♑	
asc. node	-9897 Mar 10 j 19:38	29°♑55'06	
	-9897 Mar 10 j 21:14	0°♒	
	-9897 Apr 04 j 13:30	0°♓	
	-9897 Apr 29 j 10:49	0°♈	
	-9897 May 24 j 16:02	0°♉	
	-9897 Jun 19 j 12:36	0°♊	
desc. node	-9897 Jul 01 j 21:08	13°♊50'58	
	-9897 Jul 16 j 22:27	0°♋	
evening max el	-9897 Jul 20 j 19:03	3°♋57'28	47°50'12
	-9897 Aug 19 j 16:13	0°♌	
greatest brilliancy	-9897 Aug 31 j 09:58	6°♌07'01	-4.9m
retrograde	-9897 Sep 10 j 00:16	7°♌54'44	
evening set	-9897 Sep 25 j 19:29	2°♌52'16	
	-9897 Sep 30 j 11:32	30°℞♋	
inferior conj	-9897 Sep 30 j 19:23	29°♋47'35	-4°53'12
minimum elong	-9897 Oct 01 j 04:21	29°♋33'25	4°50'20
min. Earth dist.	-9897 Sep 30 j 07:53	0°♌05'46	0.27128 AU
morning rise	-9897 Oct 06 j 13:42	26°♋18'00	
direct	-9897 Oct 21 j 03:16	21°♋57'44	
asc. node	-9897 Oct 21 j 18:09	21°♋58'12	
greatest brilliancy	-9897 Oct 30 j 15:17	23°♋41'16	-4.8m
	-9897 Nov 11 j 21:59	0°♌	
morning max el	-9897 Dec 09 j 14:00	23°♌23'05	46°09'01
	-9897 Dec 16 j 05:43	0°♍	
	-9896 Jan 13 j 10:42	0°♎	
	-9896 Feb 09 j 01:55	0°♏	
desc. node	-9896 Feb 11 j 18:35	3°♏05'44	
	-9896 Mar 05 j 20:38	0°♐	
	-9896 Mar 30 j 23:53	0°♑	
	-9896 Apr 24 j 14:37	0°♒	
	-9896 May 18 j 19:38	0°♓	
asc. node	-9896 Jun 02 j 08:12	18°♓10'50	
morning set	-9896 Jun 02 j 15:45	18°♓34'32	
	-9896 Jun 11 j 17:47	0°♈	
	-9896 Jul 05 j 12:03	0°♉	
superior conj	-9896 Jul 11 j 01:55	7°♉03'16	1°13'46
minimum elong	-9896 Jul 10 j 17:22	6°♉36'14	1°13'52
max. Earth dist.	-9896 Jul 11 j 08:30	7°♉24'06	1.70783 AU
	-9896 Jul 29 j 05:27	0°♊	
evening rise	-9896 Aug 21 j 05:22	28°♊58'51	
	-9896 Aug 22 j 00:50	0°♋	
	-9896 Sep 15 j 00:13	0°♌	
desc. node	-9896 Sep 23 j 04:55	10°♌11'59	
	-9896 Oct 09 j 04:35	0°♍	
	-9896 Nov 02 j 14:30	0°♎	
	-9896 Nov 27 j 07:48	0°♏	
	-9896 Dec 22 j 13:42	0°♐	
asc. node	-9895 Jan 12 j 23:09	24°♐34'13	
	-9895 Jan 17 j 19:51	0°♑	
	-9895 Feb 15 j 07:14	0°♒	
evening max el	-9895 Feb 20 j 23:43	5°♒28'54	45°03'27
	-9895 Mar 25 j 02:44	0°♓	
greatest brilliancy	-9895 Mar 31 j 02:54	2°♓31'55	-4.7m
retrograde	-9895 Apr 10 j 05:34	4°♓19'27	
evening set	-9895 Apr 24 j 23:47	0°♓14'58	
	-9895 Apr 25 j 11:12	30°℞♒	
inferior conj	-9895 May 01 j 06:54	26°♒39'22	1°08'35
minimum elong	-9895 May 01 j 09:27	26°♒35'34	1°07'27
min. Earth dist.	-9895 May 02 j 04:51	26°♒06'35	0.27590 AU
desc. node	-9895 May 06 j 02:52	23°♒49'49	
morning rise	-9895 May 07 j 18:11	22°♒56'36	
direct	-9895 May 22 j 15:56	18°♒44'10	
greatest brilliancy	-9895 Jun 03 j 06:08	21°♒10'51	-4.8m
	-9895 Jun 18 j 07:34	0°♓	
morning max el	-9895 Jul 12 j 01:52	21°♓13'45	46°41'05
	-9895 Jul 20 j 12:40	0°♈	
	-9895 Aug 16 j 05:19	0°♉	
asc. node	-9895 Aug 25 j 21:38	11°♉25'28	
	-9895 Sep 10 j 08:16	0°♊	
	-9895 Oct 04 j 21:47	0°♋	
	-9895 Oct 29 j 08:43	0°♌	
	-9895 Nov 22 j 21:38	0°♍	
desc. node	-9895 Dec 16 j 18:20	29°♍03'47	
	-9895 Dec 17 j 12:49	0°♎	
	-9894 Jan 11 j 04:14	0°♏	
morning set	-9894 Jan 16 j 20:23	6°♏54'59	
	-9894 Feb 04 j 17:36	0°♐	

Command: swevents -p3 -doall -mpdf -eswe -b1.1.-9900 -n366732 -s0.5 -roundmin

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

max. Earth dist.	-9894 Feb 19 j 01:28	17°♐34'24	1.73683 AU	
superior conj	-9894 Feb 22 j 03:31	21°♐21'58	-1°17'06	
minimum elong	-9894 Feb 22 j 08:09	21°♐36'11	1°17'36	
	-9894 Mar 01 j 03:55	0°♑		
	-9894 Mar 25 j 11:32	0°♒		
evening rise	-9894 Mar 29 j 08:38	4°♒47'47		
asc. node	-9894 Apr 07 j 08:02	15°♒53'54		
	-9894 Apr 18 j 17:31	0°♓		
	-9894 May 12 j 23:04	0°♈		
	-9894 Jun 06 j 05:33	0°♉		
	-9894 Jun 30 j 15:05	0°♊		
	-9894 Jul 25 j 07:14	0°♋		
desc. node	-9894 Jul 29 j 07:44	4°♋50'27		
	-9894 Aug 19 j 12:23	0°♌		
	-9894 Sep 14 j 21:11	0°♍		
evening max el	-9894 Sep 29 j 19:01	15°♍48'01	46°51'23	
	-9894 Oct 14 j 15:31	0°♎		
greatest brilliancy	-9894 Nov 08 j 04:05	16°♎41'57	-4.8m	
asc. node	-9894 Nov 18 j 04:49	19°♎01'28		
retrograde	-9894 Nov 19 j 07:43	19°♎03'00		
evening set	-9894 Dec 04 j 16:51	14°♎14'59		
min. Earth dist.	-9894 Dec 09 j 20:03	11°♎03'05	0.28881 AU	
inferior conj	-9894 Dec 10 j 12:23	10°♎36'39	4°51'03	
minimum elong	-9894 Dec 10 j 04:12	10°♎49'55	4°49'08	
morning rise	-9894 Dec 15 j 16:15	7°♎22'42		
direct	-9894 Dec 31 j 21:36	2°♎14'56		
greatest brilliancy	-9893 Jan 09 j 18:02	3°♎41'40	-4.7m	
	-9893 Feb 16 j 14:59	0°♏		
morning max el	-9893 Feb 18 j 14:16	1°♏50'57	45°56'44	
desc. node	-9893 Mar 11 j 06:57	22°♏38'59		
	-9893 Mar 18 j 04:05	0°♐		
	-9893 Apr 13 j 23:21	0°♑		
	-9893 May 09 j 10:52	0°♒		
	-9893 Jun 03 j 02:45	0°♓		
	-9893 Jun 27 j 05:55	0°♈		
greatest brilliancy	-9893 Jun 27 j 12:01	0°♈19'05	-3.9m	
asc. node	-9893 Jun 30 j 21:40	4°♈35'04		
	-9893 Jul 21 j 01:41	0°♉		
	-9893 Aug 13 j 18:41	0°♊		
morning set	-9893 Aug 16 j 22:32	3°♊59'55		
	-9893 Sep 06 j 12:52	0°♋		
superior conj	-9893 Sep 28 j 01:54	27°♋02'12	0°50'12	
minimum elong	-9893 Sep 28 j 13:20	27°♋37'54	0°50'19	
	-9893 Sep 30 j 10:49	0°♌		
max. Earth dist.	-9893 Oct 05 j 06:14	6°♌00'10	1.71675 AU	
desc. node	-9893 Oct 21 j 17:38	26°♌29'50		
	-9893 Oct 24 j 13:26	0°♍		
evening rise	-9893 Nov 09 j 18:58	20°♍04'23		
	-9893 Nov 17 j 20:10	0°♎		
	-9893 Dec 12 j 06:16	0°♏		
	-9892 Jan 05 j 20:13	0°♐		
	-9892 Jan 30 j 16:32	0°♑		
asc. node	-9892 Feb 10 j 10:14	12°♑49'00		
	-9892 Feb 24 j 23:36	0°♒		
	-9892 Mar 21 j 23:58	0°♓		
	-9892 Apr 18 j 07:27	0°♈		
evening max el	-9892 May 05 j 03:40	17°♈09'10	46°32'42	
	-9892 May 19 j 03:28	0°♉		
desc. node	-9892 Jun 02 j 13:14	10°♉53'48		
greatest brilliancy	-9892 Jun 14 j 18:40	17°♉00'55	-4.9m	
retrograde	-9892 Jun 24 j 05:09	18°♉39'39		
evening set	-9892 Jul 11 j 00:56	13°♉20'24		
inferior conj	-9892 Jul 14 j 23:13	11°♉01'03	-8°15'30	
minimum elong	-9892 Jul 14 j 15:52	11°♉12'07	8°14'21	
min. Earth dist.	-9892 Jul 14 j 12:58	11°♉16'28	0.26531 AU	
morning rise	-9892 Jul 18 j 06:46	9°♉02'56		
direct	-9892 Aug 04 j 06:47	3°♉31'01		
greatest brilliancy	-9892 Aug 14 j 14:37	5°♉31'49	-4.9m	
	-9892 Sep 16 j 22:43	0°♊		
asc. node	-9892 Sep 22 j 09:25	5°♊23'28		
morning max el	-9892 Sep 23 j 19:55	6°♊51'04	46°37'21	
	-9892 Oct 15 j 08:27	0°♋		
	-9892 Nov 10 j 12:54	0°♌		
	-9892 Dec 06 j 02:03	0°♍		
	-9892 Dec 31 j 09:42	0°♎		
desc. node	-9891 Jan 13 j 07:44	15°♎23'09		
	-9891 Jan 25 j 12:57	0°♏		
	-9891 Feb 19 j 10:22	0°♐		
	-9891 Mar 16 j 00:55	0°♑		
morning set	-9891 Mar 24 j 22:08	10°♑54'59		
	-9891 Apr 09 j 08:57	0°♒		
max. Earth dist.	-9891 Apr 24 j 19:16	19°♒10'01	1.72376 AU	
superior conj	-9891 Apr 29 j 05:46	24°♒41'51	-0°13'04	
minimum elong	-9891 Apr 29 j 08:21	24°♒49'56	0°13'19	
behind sun begin	-9891 Apr 28 j 20:00	24°♒11'25		
behind sun end	-9891 Apr 29 j 20:43	25°♒28'27		
	-9891 May 03 j 11:46	0°♓		
asc. node	-9891 May 04 j 20:57	1°♓43'33		
	-9891 May 27 j 11:06	0°♈		
evening rise	-9891 Jun 04 j 15:07	10°♈14'45		
	-9891 Jun 20 j 08:49	0°♉		
	-9891 Jul 14 j 07:01	0°♊		
	-9891 Aug 07 j 08:02	0°♋		
desc. node	-9891 Aug 25 j 19:06	22°♋51'42		
	-9891 Aug 31 j 14:14	0°♌		
	-9891 Sep 25 j 04:23	0°♍		
	-9891 Oct 20 j 07:29	0°♎		
	-9891 Nov 15 j 12:34	0°♏		
evening max el	-9891 Dec 09 j 04:33	24°♏49'41	45°14'48	
	-9891 Dec 14 j 14:32	0°♐		
asc. node	-9891 Dec 15 j 15:03	0°♐56'48		
greatest brilliancy	-9890 Jan 15 j 19:20	22°♐44'37	-4.7m	
retrograde	-9890 Jan 26 j 16:17	24°♐53'11		
evening set	-9890 Feb 13 j 06:49	19°♐02'58		
inferior conj	-9890 Feb 17 j 03:40	16°♐39'44	7°55'57	
minimum elong	-9890 Feb 17 j 06:53	16°♐34'41	7°55'15	
min. Earth dist.	-9890 Feb 17 j 22:28	16°♐10'10	0.29507 AU	
morning rise	-9890 Feb 21 j 06:42	14°♐06'13		
direct	-9890 Mar 11 j 03:12	8°♐08'11		
greatest brilliancy	-9890 Mar 21 j 18:40	10°♐08'56	-4.7m	
desc. node	-9890 Apr 07 j 18:13	19°♐43'37		
	-9890 Apr 20 j 08:37	0°♑		
morning max el	-9890 Apr 29 j 13:27	8°♑33'37	46°14'27	
	-9890 May 20 j 07:05	0°♒		
	-9890 Jun 15 j 17:34	0°♓		
	-9890 Jul 10 j 17:53	0°♈		
asc. node	-9890 Jul 28 j 11:04	21°♈49'23		
	-9890 Aug 04 j 00:49	0°♉		
	-9890 Aug 27 j 23:45	0°♊		
	-9890 Sep 20 j 21:18	0°♋		
	-9890 Oct 14 j 21:42	0°♌		
morning set	-9890 Nov 02 j 16:22	23°♌17'36		
	-9890 Nov 08 j 02:35	0°♍		
desc. node	-9890 Nov 18 j 06:50	12°♍33'13		
	-9890 Dec 02 j 11:09	0°♎		
superior conj	-9890 Dec 13 j 11:21	13°♎31'29	-0°52'21	
minimum elong	-9890 Dec 13 j 02:00	13°♎02'46	0°52'05	
max. Earth dist.	-9890 Dec 14 j 15:52	14°♎59'00	1.73425 AU	
	-9890 Dec 26 j 21:31	0°♏		
evening rise	-9889 Jan 19 j 23:36	29°♏33'20		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9889 Jan 20 j 08:18	0°♐	
greatest brilliancy	-9889 Feb 05 j 11:27	19°♐46'55	-3.9m
	-9889 Feb 13 j 19:36	0°♑	
asc. node	-9889 Mar 09 j 21:52	29°♑26'39	
	-9889 Mar 10 j 08:49	0°♒	
	-9889 Apr 04 j 01:38	0°♓	
	-9889 Apr 28 j 23:46	0°♈	
	-9889 May 24 j 06:17	0°♉	
	-9889 Jun 19 j 05:11	0°♊	
desc. node	-9889 Jun 30 j 23:22	13°♊06'25	
	-9889 Jul 16 j 20:40	0°♋	
evening max el	-9889 Jul 18 j 10:23	1°♋35'59	47°49'53
	-9889 Aug 21 j 04:39	0°♌	
greatest brilliancy	-9889 Aug 29 j 00:36	3°♌41'12	-4.9m
retrograde	-9889 Sep 07 j 14:58	5°♌28'47	
evening set	-9889 Sep 23 j 12:16	0°♌22'30	
	-9889 Sep 24 j 03:31	30°℞♋	
inferior conj	-9889 Sep 28 j 09:18	27°♋22'19	-5°12'04
minimum elong	-9889 Sep 28 j 18:38	27°♋07'38	5°09'09
min. Earth dist.	-9889 Sep 27 j 21:46	27°♋40'31	0.27087 AU
morning rise	-9889 Oct 04 j 01:31	23°♋56'23	
direct	-9889 Oct 18 j 17:11	19°♋33'32	
asc. node	-9889 Oct 20 j 20:23	19°♋39'07	
greatest brilliancy	-9889 Oct 28 j 04:59	21°♋17'33	-4.8m
	-9889 Nov 12 j 22:32	0°♌	
morning max el	-9889 Dec 07 j 05:41	21°♌07'43	46°09'57
	-9889 Dec 16 j 02:16	0°♍	
	-9888 Jan 13 j 02:10	0°♎	
	-9888 Feb 08 j 15:16	0°♏	
desc. node	-9888 Feb 10 j 20:53	2°♏34'18	
	-9888 Mar 05 j 08:53	0°♐	
	-9888 Mar 30 j 11:33	0°♑	
	-9888 Apr 24 j 02:00	0°♒	
	-9888 May 18 j 06:52	0°♓	
morning set	-9888 May 31 j 07:52	16°♓19'22	
asc. node	-9888 Jun 01 j 10:18	17°♓42'18	
	-9888 Jun 11 j 04:59	0°♈	
	-9888 Jul 04 j 23:16	0°♉	
superior conj	-9888 Jul 08 j 14:29	4°♉35'43	1°12'00
minimum elong	-9888 Jul 08 j 05:33	4°♉07'28	1°12'04
max. Earth dist.	-9888 Jul 08 j 13:12	4°♉31'37	1.70803 AU
	-9888 Jul 28 j 16:45	0°♊	
evening rise	-9888 Aug 18 j 13:15	26°♊16'59	
	-9888 Aug 21 j 12:14	0°♋	
	-9888 Sep 14 j 11:44	0°♌	
desc. node	-9888 Sep 22 j 07:00	9°♌42'36	
	-9888 Oct 08 j 16:13	0°♍	
	-9888 Nov 02 j 02:20	0°♎	
	-9888 Nov 26 j 20:04	0°♏	
	-9888 Dec 22 j 02:55	0°♐	
asc. node	-9887 Jan 12 j 01:33	23°♐59'21	
	-9887 Jan 17 j 11:16	0°♑	
	-9887 Feb 15 j 04:49	0°♒	
evening max el	-9887 Feb 18 j 14:38	3°♒15'37	45°01'45
	-9887 Mar 27 j 22:46	0°♓	
greatest brilliancy	-9887 Mar 28 j 16:28	0°♓15'29	-4.7m
retrograde	-9887 Apr 07 j 18:33	2°♓02'20	
	-9887 Apr 18 j 02:47	30°℞♒	
evening set	-9887 Apr 22 j 14:55	27°♒55'59	
inferior conj	-9887 Apr 28 j 20:41	24°♒21'39	1°29'42
minimum elong	-9887 Apr 28 j 23:59	24°♒16'42	1°28'20
min. Earth dist.	-9887 Apr 29 j 19:43	23°♒47'06	0.27660 AU
morning rise	-9887 May 05 j 08:03	20°♒38'01	
desc. node	-9887 May 05 j 05:02	20°♒41'59	
direct	-9887 May 20 j 06:39	16°♒25'07	
greatest brilliancy	-9887 May 31 j 20:52	18°♒51'10	-4.8m
	-9887 Jun 18 j 23:40	0°♓	
morning max el	-9887 Jul 09 j 15:12	18°♓48'46	46°40'32
	-9887 Jul 20 j 08:25	0°♈	
	-9887 Aug 15 j 20:47	0°♉	
asc. node	-9887 Aug 24 j 23:54	10°♉48'32	
	-9887 Sep 09 j 21:56	0°♊	
	-9887 Oct 04 j 10:29	0°♋	
	-9887 Oct 28 j 20:50	0°♌	
	-9887 Nov 22 j 09:18	0°♍	
desc. node	-9887 Dec 15 j 20:26	28°♍35'42	
	-9887 Dec 17 j 00:08	0°♎	
	-9886 Jan 10 j 15:17	0°♏	
morning set	-9886 Jan 14 j 13:15	4°♏46'28	
	-9886 Feb 04 j 04:30	0°♐	
max. Earth dist.	-9886 Feb 16 j 22:10	15°♐37'17	1.73701 AU
superior conj	-9886 Feb 19 j 23:03	19°♐21'09	-1°17'57
minimum elong	-9886 Feb 20 j 03:13	19°♐33'57	1°18'27
	-9886 Feb 28 j 14:46	0°♑	
	-9886 Mar 24 j 22:27	0°♒	
evening rise	-9886 Mar 27 j 04:27	2°♒46'50	
asc. node	-9886 Apr 06 j 10:10	15°♒26'23	
	-9886 Apr 18 j 04:40	0°♓	
	-9886 May 12 j 10:34	0°♈	
	-9886 Jun 05 j 17:30	0°♉	
	-9886 Jun 30 j 03:38	0°♊	
	-9886 Jul 24 j 20:36	0°♋	
desc. node	-9886 Jul 28 j 10:03	4°♋16'44	
	-9886 Aug 19 j 03:10	0°♌	
	-9886 Sep 14 j 15:09	0°♍	
evening max el	-9886 Sep 27 j 10:08	13°♍29'43	46°54'55
	-9886 Oct 14 j 21:42	0°♎	
greatest brilliancy	-9886 Nov 05 j 22:53	14°♎32'18	-4.8m
retrograde	-9886 Nov 17 j 00:34	16°♎51'50	
asc. node	-9886 Nov 17 j 07:01	16°♎51'45	
evening set	-9886 Dec 02 j 08:21	12°♎06'30	
min. Earth dist.	-9886 Dec 07 j 12:53	8°♎52'41	0.28818 AU
inferior conj	-9886 Dec 08 j 05:25	8°♎25'55	4°35'52
minimum elong	-9886 Dec 07 j 21:27	8°♎38'50	4°33'56
morning rise	-9886 Dec 13 j 11:14	5°♎08'48	
direct	-9886 Dec 29 j 13:27	0°♎05'12	
greatest brilliancy	-9885 Jan 07 j 10:14	1°♎31'58	-4.7m
morning max el	-9885 Feb 16 j 05:06	29°♎39'11	45°56'41
	-9885 Feb 16 j 13:53	0°♏	
desc. node	-9885 Mar 10 j 09:01	21°♏59'47	
	-9885 Mar 17 j 19:54	0°♐	
	-9885 Apr 13 j 12:45	0°♑	
	-9885 May 08 j 23:09	0°♒	
	-9885 Jun 02 j 14:28	0°♓	
	-9885 Jun 26 j 17:22	0°♈	
asc. node	-9885 Jun 29 j 23:56	4°♈06'22	
greatest brilliancy	-9885 Jun 30 j 13:37	4°♈49'17	-3.9m
	-9885 Jul 20 j 13:01	0°♉	
	-9885 Aug 13 j 05:59	0°♊	
morning set	-9885 Aug 14 j 08:25	1°♊23'39	
	-9885 Sep 06 j 00:06	0°♋	
superior conj	-9885 Sep 25 j 10:12	24°♋23'04	0°53'20
minimum elong	-9885 Sep 25 j 21:55	24°♋59'44	0°53'28
	-9885 Sep 29 j 22:00	0°♌	
max. Earth dist.	-9885 Oct 02 j 15:18	3°♌23'53	1.71603 AU
desc. node	-9885 Oct 20 j 19:42	26°♌01'41	
	-9885 Oct 24 j 00:34	0°♍	
evening rise	-9885 Nov 07 j 06:07	17°♍36'18	
	-9885 Nov 17 j 07:17	0°♎	
	-9885 Dec 11 j 17:28	0°♏	
	-9884 Jan 05 j 07:40	0°♐	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9884 Jan 30 j 04:29	0°♉		
asc. node	-9884 Feb 09 j 12:30	12°♉19'11		
	-9884 Feb 24 j 12:32	0°♒		
	-9884 Mar 21 j 14:48	0°♓		
	-9884 Apr 18 j 02:30	0°♈		
evening max el	-9884 May 02 j 15:20	14°♈42'23	46°28'51	
	-9884 May 19 j 13:56	0°♉		
desc. node	-9884 Jun 01 j 15:27	9°♉24'49		
greatest brilliancy	-9884 Jun 12 j 05:43	14°♉30'37	-4.9m	
retrograde	-9884 Jun 21 j 16:31	16°♉09'55		
evening set	-9884 Jul 08 j 08:21	10°♉56'49		
inferior conj	-9884 Jul 12 j 10:59	8°♉31'50	-8°05'44	
minimum elong	-9884 Jul 12 j 02:56	8°♉43'53	8°04'24	
min. Earth dist.	-9884 Jul 12 j 01:18	8°♉46'20	0.26538 AU	
morning rise	-9884 Jul 15 j 21:29	6°♉29'46		
direct	-9884 Aug 01 j 18:41	1°♉01'22		
greatest brilliancy	-9884 Aug 12 j 04:35	3°♉04'02	-4.9m	
	-9884 Sep 17 j 00:20	0°♊		
asc. node	-9884 Sep 21 j 11:34	4°♊29'39		
morning max el	-9884 Sep 21 j 08:34	4°♊21'58	46°38'11	
	-9884 Oct 15 j 01:45	0°♋		
	-9884 Nov 10 j 03:19	0°♌		
	-9884 Dec 05 j 15:00	0°♍		
	-9884 Dec 30 j 21:45	0°♎		
desc. node	-9883 Jan 12 j 09:59	14°♎54'52		
	-9883 Jan 25 j 00:25	0°♏		
	-9883 Feb 18 j 21:28	0°♐		
	-9883 Mar 15 j 11:49	0°♑		
morning set	-9883 Mar 22 j 17:38	8°♑53'50		
	-9883 Apr 08 j 19:46	0°♒		
max. Earth dist.	-9883 Apr 22 j 15:47	17°♒10'44	1.72434 AU	
superior conj	-9883 Apr 27 j 00:25	22°♒36'36	-0°16'04	
minimum elong	-9883 Apr 27 j 03:34	22°♒46'24	0°16'19	
	-9883 May 02 j 22:37	0°♓		
asc. node	-9883 May 03 j 23:09	1°♓16'33		
	-9883 May 26 j 22:04	0°♈		
evening rise	-9883 Jun 02 j 07:42	8°♈01'42		
	-9883 Jun 19 j 19:59	0°♉		
	-9883 Jul 13 j 18:25	0°♊		
	-9883 Aug 06 j 19:43	0°♋		
desc. node	-9883 Aug 24 j 21:11	22°♋21'11		
	-9883 Aug 31 j 02:19	0°♌		
	-9883 Sep 24 j 17:02	0°♍		
	-9883 Oct 19 j 21:13	0°♎		
	-9883 Nov 15 j 04:44	0°♏		
evening max el	-9883 Dec 06 j 20:39	22°♏39'10	45°17'17	
asc. node	-9883 Dec 14 j 17:26	0°♐05'23		
	-9883 Dec 14 j 15:04	0°♐		
greatest brilliancy	-9882 Jan 13 j 10:52	20°♐37'28	-4.7m	
retrograde	-9882 Jan 24 j 09:57	22°♐47'52		
evening set	-9882 Feb 11 j 00:24	16°♐56'00		
inferior conj	-9882 Feb 14 j 20:46	14°♐33'10	7°58'59	
minimum elong	-9882 Feb 14 j 23:20	14°♐29'07	7°58'21	
min. Earth dist.	-9882 Feb 15 j 13:53	14°♐06'14	0.29537 AU	
morning rise	-9882 Feb 18 j 22:07	12°♐02'10		
direct	-9882 Mar 08 j 20:41	6°♐01'10		
greatest brilliancy	-9882 Mar 19 j 09:34	8°♐00'07	-4.7m	
desc. node	-9882 Apr 06 j 20:23	18°♐37'28		
	-9882 Apr 20 j 10:32	0°♑		
morning max el	-9882 Apr 27 j 06:46	6°♑25'54	46°13'32	
	-9882 May 19 j 23:46	0°♒		
	-9882 Jun 15 j 07:30	0°♓		
	-9882 Jul 10 j 06:35	0°♈		
asc. node	-9882 Jul 27 j 13:18	21°♈18'34		
	-9882 Aug 03 j 12:51	0°♉		
	-9882 Aug 27 j 11:25	0°♊		
	-9882 Sep 20 j 08:44	0°♋		
	-9882 Oct 14 j 08:59	0°♌		
morning set	-9882 Oct 31 j 03:24	20°♌48'41		
	-9882 Nov 07 j 13:43	0°♍		
desc. node	-9882 Nov 17 j 09:01	12°♍05'50		
	-9882 Dec 01 j 22:09	0°♎		
superior conj	-9882 Dec 11 j 01:41	11°♎14'30	-0°49'44	
minimum elong	-9882 Dec 10 j 16:26	10°♎46'03	0°49'26	
max. Earth dist.	-9882 Dec 12 j 11:48	12°♎59'16	1.73386 AU	
	-9882 Dec 26 j 08:24	0°♏		
evening rise	-9881 Jan 17 j 17:39	27°♏28'11		
	-9881 Jan 19 j 19:10	0°♐		
greatest brilliancy	-9881 Feb 04 j 07:34	19°♐01'26	-3.9m	
	-9881 Feb 13 j 06:38	0°♑		
asc. node	-9881 Mar 09 j 00:01	28°♑58'34		
	-9881 Mar 09 j 20:11	0°♒		
	-9881 Apr 03 j 13:35	0°♓		
	-9881 Apr 28 j 12:35	0°♈		
	-9881 May 23 j 20:27	0°♉		
	-9881 Jun 18 j 21:47	0°♊		
desc. node	-9881 Jun 30 j 01:43	12°♊22'29		
evening max el	-9881 Jul 16 j 02:14	29°♊16'46	47°49'24	
	-9881 Jul 16 j 19:22	0°♋		
	-9881 Aug 23 j 11:29	0°♌		
greatest brilliancy	-9881 Aug 26 j 15:07	1°♌16'24	-4.9m	
retrograde	-9881 Sep 05 j 05:42	3°♌03'41		
	-9881 Sep 17 j 08:04	30°℞♋		
evening set	-9881 Sep 21 j 05:14	27°♋53'48		
inferior conj	-9881 Sep 25 j 23:17	24°♋58'00	-5°30'24	
minimum elong	-9881 Sep 26 j 08:54	24°♋42'52	5°27'29	
min. Earth dist.	-9881 Sep 25 j 11:34	25°♋16'27	0.27046 AU	
morning rise	-9881 Oct 01 j 13:08	21°♋35'53		
direct	-9881 Oct 16 j 07:21	17°♋10'32		
asc. node	-9881 Oct 19 j 22:38	17°♋26'36		
greatest brilliancy	-9881 Oct 25 j 18:32	18°♋54'23	-4.8m	
	-9881 Nov 13 j 16:17	0°♌		
morning max el	-9881 Dec 04 j 20:53	18°♌51'35	46°10'40	
	-9881 Dec 15 j 21:59	0°♍		
	-9880 Jan 12 j 17:15	0°♎		
	-9880 Feb 08 j 04:22	0°♏		
desc. node	-9880 Feb 09 j 22:55	2°♏02'41		
	-9880 Mar 04 j 20:56	0°♐		
	-9880 Mar 29 j 23:02	0°♑		
	-9880 Apr 23 j 13:10	0°♒		
	-9880 May 17 j 17:56	0°♓		
morning set	-9880 May 29 j 00:07	14°♓05'13		
asc. node	-9880 May 31 j 12:33	17°♓14'45		
	-9880 Jun 10 j 16:02	0°♈		
	-9880 Jul 04 j 10:22	0°♉		
max. Earth dist.	-9880 Jul 05 j 15:15	1°♉31'17	1.70828 AU	
superior conj	-9880 Jul 06 j 03:27	2°♉09'50	1°10'07	
minimum elong	-9880 Jul 05 j 18:13	1°♉40'39	1°10'08	
	-9880 Jul 28 j 03:56	0°♊		
evening rise	-9880 Aug 15 j 21:33	23°♊36'45		
	-9880 Aug 20 j 23:30	0°♋		
	-9880 Sep 13 j 23:05	0°♌		
desc. node	-9880 Sep 21 j 09:10	9°♌13'58		
	-9880 Oct 08 j 03:40	0°♍		
	-9880 Nov 01 j 14:02	0°♎		
	-9880 Nov 26 j 08:15	0°♏		
	-9880 Dec 21 j 16:09	0°♐		
asc. node	-9879 Jan 11 j 03:48	23°♐24'00		
	-9879 Jan 17 j 02:50	0°♑		
	-9879 Feb 15 j 03:10	0°♒		
evening max el	-9879 Feb 16 j 04:56	1°♒01'05	45°00'15	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

greatest brilliancy	-9879 Mar 26 j 06:37	28°♒00'22	-4.7m
retrograde	-9879 Apr 05 j 07:31	29°♒46'29	
evening set	-9879 Apr 20 j 06:25	25°♒37'44	
inferior conj	-9879 Apr 26 j 10:44	22°♒05'09	1°50'20
minimum elong	-9879 Apr 26 j 14:45	21°♒59'06	1°48'47
min. Earth dist.	-9879 Apr 27 j 11:07	21°♒28'29	0.27732 AU
morning rise	-9879 May 02 j 22:00	18°♒20'51	
desc. node	-9879 May 04 j 07:18	17°♒38'17	
direct	-9879 May 17 j 21:07	14°♒07'00	
greatest brilliancy	-9879 May 29 j 12:19	16°♒33'11	-4.8m
	-9879 Jun 19 j 11:35	0°♓	
morning max el	-9879 Jul 07 j 04:21	16°♓23'39	46°39'55
	-9879 Jul 20 j 03:32	0°♈	
	-9879 Aug 15 j 11:59	0°♉	
asc. node	-9879 Aug 24 j 01:57	10°♉11'23	
	-9879 Sep 09 j 11:28	0°♊	
	-9879 Oct 03 j 23:06	0°♋	
	-9879 Oct 28 j 08:50	0°♌	
	-9879 Nov 21 j 20:52	0°♍	
desc. node	-9879 Dec 14 j 22:40	28°♍08'13	
	-9879 Dec 16 j 11:23	0°♎	
	-9878 Jan 10 j 02:19	0°♏	
morning set	-9878 Jan 12 j 06:06	2°♏37'55	
	-9878 Feb 03 j 15:24	0°♐	
max. Earth dist.	-9878 Feb 14 j 17:41	13°♐36'30	1.73721 AU
superior conj	-9878 Feb 17 j 18:35	17°♐20'19	-1°18'42
minimum elong	-9878 Feb 17 j 22:15	17°♐31'35	1°19'12
	-9878 Feb 28 j 01:39	0°♑	
	-9878 Mar 24 j 09:25	0°♒	
evening rise	-9878 Mar 25 j 00:14	0°♒45'45	
asc. node	-9878 Apr 05 j 12:22	14°♒58'59	
	-9878 Apr 17 j 15:50	0°♓	
	-9878 May 11 j 22:05	0°♈	
	-9878 Jun 05 j 05:31	0°♉	
	-9878 Jun 29 j 16:17	0°♊	
	-9878 Jul 24 j 10:09	0°♋	
desc. node	-9878 Jul 27 j 12:09	3°♋41'56	
	-9878 Aug 18 j 18:14	0°♌	
	-9878 Sep 14 j 09:38	0°♍	
evening max el	-9878 Sep 25 j 00:51	11°♍10'00	46°58'30
	-9878 Oct 15 j 06:21	0°♎	
greatest brilliancy	-9878 Nov 03 j 17:36	12°♎22'15	-4.8m
retrograde	-9878 Nov 14 j 17:34	14°♎40'46	
asc. node	-9878 Nov 16 j 09:21	14°♎37'21	
evening set	-9878 Nov 29 j 24:00	9°♎57'38	
min. Earth dist.	-9878 Dec 05 j 05:51	6°♎42'10	0.28755 AU
inferior conj	-9878 Dec 05 j 22:30	6°♎15'12	4°20'12
minimum elong	-9878 Dec 05 j 14:48	6°♎27'40	4°18'19
morning rise	-9878 Dec 11 j 06:16	2°♎55'09	
	-9878 Dec 17 j 01:28	30°♑℞	
direct	-9878 Dec 27 j 05:02	27°♍55'21	
greatest brilliancy	-9877 Jan 05 j 02:41	29°♍22'37	-4.7m
	-9877 Jan 06 j 22:26	0°♎	
morning max el	-9877 Feb 13 j 20:28	27°♎28'32	45°56'38
	-9877 Feb 16 j 11:56	0°♏	
desc. node	-9877 Mar 09 j 11:12	21°♏21'07	
	-9877 Mar 17 j 11:35	0°♐	
	-9877 Apr 13 j 02:10	0°♑	
	-9877 May 08 j 11:31	0°♒	
	-9877 Jun 02 j 02:17	0°♓	
	-9877 Jun 26 j 04:54	0°♈	
asc. node	-9877 Jun 29 j 02:08	3°♈37'06	
greatest brilliancy	-9877 Jul 02 j 09:37	7°♈46'44	-3.9m
	-9877 Jul 20 j 00:27	0°♉	
morning set	-9877 Aug 11 j 18:23	28°♉47'14	
	-9877 Aug 12 j 17:22	0°♊	
	-9877 Sep 05 j 11:29	0°♋	
superior conj	-9877 Sep 22 j 18:25	21°♋43'00	0°56'21
minimum elong	-9877 Sep 23 j 06:20	22°♋20'18	0°56'29
	-9877 Sep 29 j 09:21	0°♌	
max. Earth dist.	-9877 Sep 29 j 20:35	0°♌35'05	1.71534 AU
desc. node	-9877 Oct 19 j 21:55	25°♌33'24	
	-9877 Oct 23 j 11:53	0°♍	
evening rise	-9877 Nov 04 j 17:06	15°♍07'02	
	-9877 Nov 16 j 18:36	0°♎	
	-9877 Dec 11 j 04:51	0°♏	
	-9876 Jan 04 j 19:16	0°♐	
	-9876 Jan 29 j 16:37	0°♑	
asc. node	-9876 Feb 08 j 14:39	11°♑48'27	
	-9876 Feb 24 j 01:43	0°♒	
	-9876 Mar 21 j 06:03	0°♓	
	-9876 Apr 17 j 22:21	0°♈	
evening max el	-9876 Apr 30 j 04:00	12°♈17'35	46°25'04
	-9876 May 20 j 04:14	0°♉	
desc. node	-9876 May 31 j 17:46	7°♉52'09	
greatest brilliancy	-9876 Jun 09 j 16:14	11°♉59'18	-4.9m
retrograde	-9876 Jun 19 j 04:32	13°♉39'48	
evening set	-9876 Jul 05 j 15:44	8°♉32'45	
inferior conj	-9876 Jul 09 j 22:45	6°♉02'01	-7°54'56
minimum elong	-9876 Jul 09 j 14:07	6°♉14'55	7°53'25
min. Earth dist.	-9876 Jul 09 j 13:22	6°♉16'03	0.26546 AU
morning rise	-9876 Jul 13 j 12:26	3°♉55'49	
	-9876 Jul 21 j 19:14	30°♑℞	
direct	-9876 Jul 30 j 07:05	28°♈31'16	
	-9876 Aug 08 j 01:58	0°♉	
greatest brilliancy	-9876 Aug 09 j 17:57	0°♉35'08	-4.9m
	-9876 Sep 17 j 00:56	0°♊	
morning max el	-9876 Sep 18 j 22:09	1°♊54'44	46°38'51
asc. node	-9876 Sep 20 j 13:55	3°♊36'48	
	-9876 Oct 14 j 18:58	0°♋	
	-9876 Nov 09 j 17:51	0°♌	
	-9876 Dec 05 j 04:09	0°♍	
	-9876 Dec 30 j 10:02	0°♎	
desc. node	-9875 Jan 11 j 12:00	14°♎25'10	
	-9875 Jan 24 j 12:07	0°♏	
	-9875 Feb 18 j 08:46	0°♐	
	-9875 Mar 14 j 22:54	0°♑	
morning set	-9875 Mar 20 j 13:18	6°♑52'40	
	-9875 Apr 08 j 06:48	0°♒	
max. Earth dist.	-9875 Apr 20 j 11:28	15°♒08'13	1.72495 AU
superior conj	-9875 Apr 24 j 19:10	20°♒30'57	-0°19'02
minimum elong	-9875 Apr 24 j 22:51	20°♒42'23	0°19'17
	-9875 May 02 j 09:44	0°♓	
asc. node	-9875 May 03 j 01:24	0°♓48'54	
	-9875 May 26 j 09:21	0°♈	
evening rise	-9875 May 31 j 00:19	5°♈47'49	
	-9875 Jun 19 j 07:28	0°♉	
	-9875 Jul 13 j 06:08	0°♊	
	-9875 Aug 06 j 07:43	0°♋	
desc. node	-9875 Aug 23 j 23:21	21°♋49'57	
	-9875 Aug 30 j 14:44	0°♌	
	-9875 Sep 24 j 06:05	0°♍	
	-9875 Oct 19 j 11:24	0°♎	
	-9875 Nov 14 j 21:35	0°♏	
evening max el	-9875 Dec 04 j 13:28	20°♏29'16	45°19'51
asc. node	-9875 Dec 13 j 19:44	29°♏11'43	
	-9875 Dec 14 j 17:23	0°♐	
greatest brilliancy	-9874 Jan 11 j 03:03	18°♐30'11	-4.7m
retrograde	-9874 Jan 22 j 03:33	20°♐41'36	
evening set	-9874 Feb 08 j 17:55	14°♐48'45	
inferior conj	-9874 Feb 12 j 13:56	12°♐25'59	8°01'25

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

minimum elong	-9874 Feb 12 j 15:53	12°♐22'55	8°00'50	
min. Earth dist.	-9874 Feb 13 j 05:19	12°♐01'42	0.29557 AU	
morning rise	-9874 Feb 16 j 13:45	9°♐57'04		
direct	-9874 Mar 06 j 14:17	3°♐53'49		
greatest brilliancy	-9874 Mar 16 j 23:52	5°♐50'07	-4.7m	
desc. node	-9874 Apr 05 j 22:39	17°♐32'42		
	-9874 Apr 20 j 11:27	0°♑		
morning max el	-9874 Apr 24 j 23:39	4°♑16'41	46°12'30	
	-9874 May 19 j 16:25	0°♒		
	-9874 Jun 14 j 21:36	0°♓		
	-9874 Jul 09 j 19:33	0°♈		
asc. node	-9874 Jul 26 j 15:21	20°♈46'09		
	-9874 Aug 03 j 01:13	0°♉		
	-9874 Aug 26 j 23:25	0°♊		
	-9874 Sep 19 j 20:30	0°♋		
	-9874 Oct 13 j 20:34	0°♌		
morning set	-9874 Oct 28 j 14:12	18°♌17'57		
	-9874 Nov 07 j 01:09	0°♍		
desc. node	-9874 Nov 16 j 11:09	11°♍37'22		
	-9874 Dec 01 j 09:28	0°♎		
superior conj	-9874 Dec 08 j 15:41	8°♎55'23	-0°47'00	
minimum elong	-9874 Dec 08 j 06:36	8°♎27'27	0°46'41	
max. Earth dist.	-9874 Dec 10 j 08:38	11°♎01'12	1.73346 AU	
	-9874 Dec 25 j 19:38	0°♏		
evening rise	-9873 Jan 15 j 11:34	25°♏21'29		
	-9873 Jan 19 j 06:24	0°♐		
greatest brilliancy	-9873 Feb 03 j 11:17	18°♐38'13	-3.9m	
	-9873 Feb 12 j 17:59	0°♑		
asc. node	-9873 Mar 08 j 02:19	28°♑30'02		
	-9873 Mar 09 j 07:52	0°♒		
	-9873 Apr 03 j 01:49	0°♓		
	-9873 Apr 28 j 01:43	0°♈		
	-9873 May 23 j 11:01	0°♉		
	-9873 Jun 18 j 15:02	0°♊		
desc. node	-9873 Jun 29 j 03:49	11°♊36'07		
evening max el	-9873 Jul 13 j 17:43	26°♊55'14	47°48'28	
	-9873 Jul 16 j 19:34	0°♋		
greatest brilliancy	-9873 Aug 24 j 05:54	28°♋49'55	-4.9m	
	-9873 Aug 28 j 08:12	0°♌		
retrograde	-9873 Sep 02 j 19:49	0°♌35'58		
	-9873 Sep 08 j 03:43	30°℞♋		
evening set	-9873 Sep 18 j 22:00	25°♋22'44		
min. Earth dist.	-9873 Sep 23 j 01:20	22°♋49'43	0.27006 AU	
inferior conj	-9873 Sep 23 j 12:57	22°♋31'25	-5°48'19	
minimum elong	-9873 Sep 23 j 22:47	22°♋15'56	5°45'24	
morning rise	-9873 Sep 29 j 00:09	19°♋13'10		
direct	-9873 Oct 13 j 20:56	14°♋45'20		
asc. node	-9873 Oct 19 j 00:56	15°♋17'20		
greatest brilliancy	-9873 Oct 23 j 08:01	16°♋29'04	-4.9m	
	-9873 Nov 14 j 06:15	0°♌		
morning max el	-9873 Dec 02 j 10:52	16°♌30'55	46°11'28	
	-9873 Dec 15 j 17:35	0°♍		
	-9872 Jan 12 j 08:31	0°♎		
	-9872 Feb 07 j 17:43	0°♏		
desc. node	-9872 Feb 09 j 01:03	1°♏30'30		
	-9872 Mar 04 j 09:15	0°♐		
	-9872 Mar 29 j 10:46	0°♑		
	-9872 Apr 23 j 00:36	0°♒		
	-9872 May 17 j 05:12	0°♓		
morning set	-9872 May 26 j 16:47	11°♓51'45		
asc. node	-9872 May 30 j 14:42	16°♓46'15		
	-9872 Jun 10 j 03:16	0°♈		
max. Earth dist.	-9872 Jul 02 j 18:41	28°♈34'44	1.70862 AU	
superior conj	-9872 Jul 03 j 16:47	29°♈44'33	1°08'07	
minimum elong	-9872 Jul 03 j 07:18	29°♈14'37	1°08'05	
	-9872 Jul 03 j 21:40	0°♉		
	-9872 Jul 27 j 15:21	0°♊		
evening rise	-9872 Aug 13 j 05:57	20°♊56'01		
	-9872 Aug 20 j 11:03	0°♋		
	-9872 Sep 13 j 10:45	0°♌		
desc. node	-9872 Sep 20 j 11:24	8°♌44'31		
	-9872 Oct 07 j 15:29	0°♍		
	-9872 Nov 01 j 02:05	0°♎		
	-9872 Nov 25 j 20:50	0°♏		
	-9872 Dec 21 j 05:49	0°♐		
asc. node	-9871 Jan 10 j 05:57	22°♐47'15		
	-9871 Jan 16 j 18:59	0°♑		
evening max el	-9871 Feb 13 j 18:38	28°♑44'19	44°58'56	
	-9871 Feb 15 j 02:51	0°♒		
greatest brilliancy	-9871 Mar 23 j 20:33	25°♒44'28	-4.7m	
retrograde	-9871 Apr 02 j 20:42	27°♒30'30		
evening set	-9871 Apr 17 j 22:03	23°♒18'49		
inferior conj	-9871 Apr 24 j 00:51	19°♒48'21	2°10'46	
minimum elong	-9871 Apr 24 j 05:34	19°♒41'16	2°09'01	
min. Earth dist.	-9871 Apr 25 j 02:40	19°♒09'31	0.27802 AU	
morning rise	-9871 Apr 30 j 11:51	16°♒03'54		
desc. node	-9871 May 03 j 09:31	14°♒37'58		
direct	-9871 May 15 j 11:26	11°♒48'31		
greatest brilliancy	-9871 May 27 j 04:11	14°♒15'37	-4.8m	
	-9871 Jun 19 j 20:33	0°♓		
morning max el	-9871 Jul 04 j 17:55	13°♓59'32	46°39'25	
	-9871 Jul 19 j 22:15	0°♈		
	-9871 Aug 15 j 03:06	0°♉		
asc. node	-9871 Aug 23 j 04:17	9°♉35'05		
	-9871 Sep 09 j 01:02	0°♊		
	-9871 Oct 03 j 11:51	0°♋		
	-9871 Oct 27 j 21:02	0°♌		
	-9871 Nov 21 j 08:39	0°♍		
desc. node	-9871 Dec 14 j 00:41	27°♍39'22		
	-9871 Dec 15 j 22:51	0°♎		
morning set	-9870 Jan 09 j 22:17	0°♏26'42		
	-9870 Jan 09 j 13:32	0°♏		
	-9870 Feb 03 j 02:29	0°♐		
max. Earth dist.	-9870 Feb 12 j 13:40	11°♐36'40	1.73741 AU	
superior conj	-9870 Feb 15 j 13:43	15°♐17'48	-1°19'21	
minimum elong	-9870 Feb 15 j 16:51	15°♐27'26	1°19'52	
	-9870 Feb 27 j 12:42	0°♑		
evening rise	-9870 Mar 22 j 19:53	28°♑43'49		
	-9870 Mar 23 j 20:34	0°♒		
asc. node	-9870 Apr 04 j 14:37	14°♒31'12		
	-9870 Apr 17 j 03:11	0°♓		
	-9870 May 11 j 09:46	0°♈		
	-9870 Jun 04 j 17:39	0°♉		
	-9870 Jun 29 j 05:00	0°♊		
	-9870 Jul 23 j 23:46	0°♋		
desc. node	-9870 Jul 26 j 14:22	3°♋07'23		
	-9870 Aug 18 j 09:28	0°♌		
	-9870 Sep 14 j 04:38	0°♍		
evening max el	-9870 Sep 22 j 15:40	8°♍50'16	47°01'51	
	-9870 Oct 15 j 18:24	0°♎		
greatest brilliancy	-9870 Nov 01 j 11:36	10°♎10'07	-4.8m	
retrograde	-9870 Nov 12 j 10:36	12°♎28'16		
asc. node	-9870 Nov 15 j 11:36	12°♎16'38		
evening set	-9870 Nov 27 j 15:26	7°♎46'53		
min. Earth dist.	-9870 Dec 02 j 22:27	4°♎30'08	0.28694 AU	
inferior conj	-9870 Dec 03 j 15:17	4°♎02'54	4°03'47	
minimum elong	-9870 Dec 03 j 07:54	4°♎14'50	4°01'58	
morning rise	-9870 Dec 09 j 01:01	0°♎40'08		
	-9870 Dec 10 j 05:13	30°℞♍		
direct	-9870 Dec 24 j 20:23	25°♍43'48		
greatest brilliancy	-9869 Jan 02 j 18:53	27°♍11'50	-4.7m	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9869 Jan 09 j 14:08	0°♎		
morning max el	-9869 Feb 11 j 12:27	25°♎18'48	45°56'39	
	-9869 Feb 16 j 09:25	0°♏		
desc. node	-9869 Mar 08 j 13:29	20°♏42'47		
	-9869 Mar 17 j 03:09	0°♐		
	-9869 Apr 12 j 15:34	0°♑		
	-9869 May 07 j 23:52	0°♒		
	-9869 Jun 01 j 14:06	0°♓		
	-9869 Jun 25 j 16:27	0°♈		
asc. node	-9869 Jun 28 j 04:11	3°♈07'23		
greatest brilliancy	-9869 Jul 03 j 15:56	10°♈01'24	-3.9m	
	-9869 Jul 19 j 11:51	0°♉		
morning set	-9869 Aug 09 j 04:55	26°♉12'53		
	-9869 Aug 12 j 04:42	0°♊		
	-9869 Sep 04 j 22:45	0°♋		
superior conj	-9869 Sep 20 j 02:59	19°♋04'16	0°59'13	
minimum elong	-9869 Sep 20 j 14:58	19°♋41'47	0°59'22	
max. Earth dist.	-9869 Sep 27 j 02:37	27°♋48'52	1.71471 AU	
	-9869 Sep 28 j 20:35	0°♌		
desc. node	-9869 Oct 19 j 00:02	25°♌05'08		
	-9869 Oct 22 j 23:07	0°♍		
evening rise	-9869 Nov 02 j 04:01	12°♍37'50		
	-9869 Nov 16 j 05:52	0°♎		
	-9869 Dec 10 j 16:12	0°♏		
	-9868 Jan 04 j 06:52	0°♐		
	-9868 Jan 29 j 04:47	0°♑		
asc. node	-9868 Feb 07 j 16:58	11°♑18'14		
	-9868 Feb 23 j 15:00	0°♒		
	-9868 Mar 20 j 21:31	0°♓		
	-9868 Apr 17 j 18:49	0°♈		
evening max el	-9868 Apr 27 j 17:28	9°♈55'04	46°21'18	
	-9868 May 20 j 23:08	0°♉		
desc. node	-9868 May 30 j 19:54	6°♉15'48		
greatest brilliancy	-9868 Jun 07 j 02:19	9°♉27'42	-4.9m	
retrograde	-9868 Jun 16 j 16:46	11°♉09'28		
evening set	-9868 Jul 02 j 22:59	6°♉08'41		
inferior conj	-9868 Jul 07 j 10:20	3°♉32'05	-7°43'05	
minimum elong	-9868 Jul 07 j 01:10	3°♉45'44	7°41'26	
min. Earth dist.	-9868 Jul 07 j 01:08	3°♉45'47	0.26550 AU	
morning rise	-9868 Jul 11 j 03:20	1°♉21'29		
	-9868 Jul 13 j 15:00	30°℞♈		
direct	-9868 Jul 27 j 19:44	26°♈01'18		
greatest brilliancy	-9868 Aug 07 j 06:40	28°♈05'36	-4.9m	
	-9868 Aug 11 j 14:06	0°♉		
morning max el	-9868 Sep 16 j 11:58	29°♉28'43	46°39'41	
	-9868 Sep 17 j 00:12	0°♊		
asc. node	-9868 Sep 19 j 16:07	2°♊45'13		
	-9868 Oct 14 j 11:34	0°♋		
	-9868 Nov 09 j 07:58	0°♌		
	-9868 Dec 04 j 16:58	0°♍		
	-9868 Dec 29 j 22:04	0°♎		
desc. node	-9867 Jan 10 j 14:09	13°♎56'33		
	-9867 Jan 23 j 23:37	0°♏		
	-9867 Feb 17 j 19:55	0°♐		
	-9867 Mar 14 j 09:50	0°♑		
morning set	-9867 Mar 18 j 08:41	4°♑51'11		
	-9867 Apr 07 j 17:40	0°♒		
max. Earth dist.	-9867 Apr 18 j 05:34	13°♒01'27	1.72554 AU	
superior conj	-9867 Apr 22 j 13:44	18°♒25'22	-0°22'00	
minimum elong	-9867 Apr 22 j 17:55	18°♒38'20	0°22'13	
	-9867 May 01 j 20:40	0°♓		
asc. node	-9867 May 02 j 03:30	0°♓21'17		
	-9867 May 25 j 20:27	0°♈		
evening rise	-9867 May 28 j 16:53	3°♈34'23		
	-9867 Jun 18 j 18:46	0°♉		
	-9867 Jul 12 j 17:41	0°♊		
	-9867 Aug 05 j 19:34	0°♋		
desc. node	-9867 Aug 23 j 01:39	21°♋19'46		
	-9867 Aug 30 j 02:56	0°♌		
	-9867 Sep 23 j 18:52	0°♍		
	-9867 Oct 19 j 01:20	0°♎		
	-9867 Nov 14 j 14:16	0°♏		
evening max el	-9867 Dec 02 j 06:09	18°♏20'02	45°22'19	
asc. node	-9867 Dec 12 j 21:51	28°♏17'48		
	-9867 Dec 14 j 20:44	0°♐		
greatest brilliancy	-9866 Jan 08 j 19:50	16°♐24'36	-4.7m	
retrograde	-9866 Jan 19 j 20:43	18°♐36'18		
evening set	-9866 Feb 06 j 11:17	12°♐43'03		
inferior conj	-9866 Feb 10 j 07:14	10°♐19'55	8°03'08	
minimum elong	-9866 Feb 10 j 08:32	10°♐17'51	8°02'35	
min. Earth dist.	-9866 Feb 10 j 21:08	9°♐57'53	0.29578 AU	
morning rise	-9866 Feb 14 j 05:42	7°♐52'36		
direct	-9866 Mar 04 j 07:50	1°♐47'36		
greatest brilliancy	-9866 Mar 14 j 14:34	3°♐41'17	-4.7m	
desc. node	-9866 Apr 05 j 00:48	16°♐30'01		
	-9866 Apr 20 j 10:58	0°♑		
morning max el	-9866 Apr 22 j 15:52	2°♑06'34	46°11'25	
	-9866 May 19 j 08:32	0°♒		
	-9866 Jun 14 j 11:19	0°♓		
	-9866 Jul 09 j 08:10	0°♈		
asc. node	-9866 Jul 25 j 17:38	20°♈15'26		
	-9866 Aug 02 j 13:14	0°♉		
	-9866 Aug 26 j 11:06	0°♊		
	-9866 Sep 19 j 07:57	0°♋		
	-9866 Oct 13 j 07:50	0°♌		
morning set	-9866 Oct 26 j 01:14	15°♌48'51		
	-9866 Nov 06 j 12:15	0°♍		
desc. node	-9866 Nov 15 j 13:13	11°♍09'46		
	-9866 Nov 30 j 20:23	0°♎		
superior conj	-9866 Dec 06 j 05:52	6°♎38'01	-0°44'13	
minimum elong	-9866 Dec 05 j 21:01	6°♎10'50	0°43'52	
max. Earth dist.	-9866 Dec 08 j 06:39	9°♎07'57	1.73299 AU	
	-9866 Dec 25 j 06:27	0°♏		
evening rise	-9865 Jan 13 j 05:38	23°♏16'30		
	-9865 Jan 18 j 17:13	0°♐		
greatest brilliancy	-9865 Feb 02 j 18:20	18°♐26'20	-3.9m	
	-9865 Feb 12 j 05:00	0°♑		
asc. node	-9865 Mar 07 j 04:32	28°♑02'15		
	-9865 Mar 08 j 19:15	0°♒		
	-9865 Apr 02 j 13:48	0°♓		
	-9865 Apr 27 j 14:37	0°♈		
	-9865 May 23 j 01:26	0°♉		
	-9865 Jun 18 j 08:18	0°♊		
desc. node	-9865 Jun 28 j 06:03	10°♊50'29		
evening max el	-9865 Jul 11 j 08:13	24°♊32'04	47°47'21	
	-9865 Jul 16 j 20:33	0°♋		
greatest brilliancy	-9865 Aug 21 j 21:06	26°♋24'38	-4.9m	
retrograde	-9865 Aug 31 j 09:17	28°♋08'51		
evening set	-9865 Sep 16 j 14:43	22°♋52'14		
min. Earth dist.	-9865 Sep 20 j 15:23	20°♋23'13	0.26967 AU	
inferior conj	-9865 Sep 21 j 02:32	20°♋05'37	-6°05'38	
minimum elong	-9865 Sep 21 j 12:31	19°♋49'55	6°02'47	
morning rise	-9865 Sep 26 j 10:50	16°♋51'23		
direct	-9865 Oct 11 j 09:56	12°♋20'42		
asc. node	-9865 Oct 18 j 03:08	13°♋13'57		
greatest brilliancy	-9865 Oct 20 j 21:59	14°♋04'55	-4.9m	
	-9865 Nov 14 j 16:15	0°♌		
morning max el	-9865 Nov 30 j 00:16	14°♌09'38	46°12'32	
	-9865 Dec 15 j 12:12	0°♍		
	-9864 Jan 11 j 23:07	0°♎		
	-9864 Feb 07 j 06:30	0°♏		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

desc. node	-9864 Feb 08 j 03:19	1°♏00'16	
	-9864 Mar 03 j 21:05	0°♐	
	-9864 Mar 28 j 22:06	0°♑	
	-9864 Apr 22 j 11:40	0°♒	
	-9864 May 16 j 16:10	0°♓	
morning set	-9864 May 24 j 09:26	9°♓39'12	
asc. node	-9864 May 29 j 16:50	16°♓18'33	
	-9864 Jun 09 j 14:13	0°♈	
max. Earth dist.	-9864 Jun 29 j 23:57	25°♈44'57	1.70898 AU
superior conj	-9864 Jul 01 j 06:06	27°♈20'10	1°05'59
minimum elong	-9864 Jun 30 j 20:27	26°♈49'42	1°05'55
	-9864 Jul 03 j 08:41	0°♉	
	-9864 Jul 27 j 02:28	0°♊	
evening rise	-9864 Aug 10 j 14:31	18°♊16'46	
	-9864 Aug 19 j 22:18	0°♋	
	-9864 Sep 12 j 22:06	0°♌	
desc. node	-9864 Sep 19 j 13:28	8°♌15'33	
	-9864 Oct 07 j 02:59	0°♍	
	-9864 Oct 31 j 13:50	0°♎	
	-9864 Nov 25 j 09:05	0°♏	
	-9864 Dec 20 j 19:09	0°♐	
asc. node	-9863 Jan 09 j 08:21	22°♐12'16	
	-9863 Jan 16 j 10:53	0°♑	
evening max el	-9863 Feb 11 j 08:24	26°♑29'23	44°57'49
	-9863 Feb 15 j 02:58	0°♒	
greatest brilliancy	-9863 Mar 21 j 09:53	23°♒29'50	-4.7m
retrograde	-9863 Mar 31 j 10:34	25°♒16'43	
evening set	-9863 Apr 15 j 14:02	21°♒01'36	
inferior conj	-9863 Apr 21 j 15:11	17°♒33'20	2°30'41
minimum elong	-9863 Apr 21 j 20:33	17°♒25'16	2°28'44
min. Earth dist.	-9863 Apr 22 j 18:07	16°♒52'50	0.27881 AU
morning rise	-9863 Apr 28 j 01:48	13°♒49'12	
desc. node	-9863 May 02 j 11:40	11°♒43'49	
direct	-9863 May 13 j 02:16	9°♒31'38	
greatest brilliancy	-9863 May 24 j 20:22	11°♒59'56	-4.8m
	-9863 Jun 20 j 02:44	0°♓	
morning max el	-9863 Jul 02 j 08:43	11°♓39'26	46°38'48
	-9863 Jul 19 j 16:18	0°♈	
	-9863 Aug 14 j 17:49	0°♉	
asc. node	-9863 Aug 22 j 06:29	8°♉59'19	
	-9863 Sep 08 j 14:17	0°♊	
	-9863 Oct 03 j 00:16	0°♋	
	-9863 Oct 27 j 08:55	0°♌	
	-9863 Nov 20 j 20:08	0°♍	
desc. node	-9863 Dec 13 j 02:49	27°♍11'45	
	-9863 Dec 15 j 10:01	0°♎	
morning set	-9862 Jan 07 j 14:33	28°♎16'29	
	-9862 Jan 09 j 00:28	0°♏	
	-9862 Feb 02 j 13:16	0°♐	
max. Earth dist.	-9862 Feb 10 j 11:33	9°♐43'32	1.73755 AU
superior conj	-9862 Feb 13 j 09:07	13°♐17'03	-1°19'53
minimum elong	-9862 Feb 13 j 11:44	13°♐25'05	1°20'25
	-9862 Feb 26 j 23:25	0°♑	
evening rise	-9862 Mar 20 j 15:55	26°♑44'14	
	-9862 Mar 23 j 07:22	0°♒	
asc. node	-9862 Apr 03 j 16:45	14°♒04'02	
	-9862 Apr 16 j 14:15	0°♓	
	-9862 May 10 j 21:13	0°♈	
	-9862 Jun 04 j 05:37	0°♉	
	-9862 Jun 28 j 17:39	0°♊	
	-9862 Jul 23 j 13:23	0°♋	
desc. node	-9862 Jul 25 j 16:40	2°♋33'14	
	-9862 Aug 18 j 00:47	0°♌	
	-9862 Sep 14 j 00:01	0°♍	
evening max el	-9862 Sep 20 j 07:24	6°♍33'16	47°05'21
	-9862 Oct 16 j 10:16	0°♎	
greatest brilliancy	-9862 Oct 30 j 05:07	7°♎57'42	-4.8m
retrograde	-9862 Nov 10 j 04:02	10°♎16'03	
asc. node	-9862 Nov 14 j 13:47	9°♎51'25	
evening set	-9862 Nov 25 j 06:59	5°♎36'11	
min. Earth dist.	-9862 Nov 30 j 14:44	2°♎18'40	0.28630 AU
inferior conj	-9862 Dec 01 j 08:01	1°♎50'46	3°47'03
minimum elong	-9862 Dec 01 j 00:59	2°♎02'06	3°45'17
	-9862 Dec 04 j 05:19	30°℞♍	
morning rise	-9862 Dec 06 j 19:41	28°♍25'33	
direct	-9862 Dec 22 j 12:05	23°♍32'31	
greatest brilliancy	-9862 Dec 31 j 10:38	25°♍00'58	-4.7m
	-9861 Jan 11 j 05:24	0°♎	
morning max el	-9861 Feb 09 j 05:25	23°♎12'01	45°56'48
	-9861 Feb 16 j 05:55	0°♏	
desc. node	-9861 Mar 07 j 15:32	20°♏04'53	
	-9861 Mar 16 j 18:14	0°♐	
	-9861 Apr 12 j 04:36	0°♑	
	-9861 May 07 j 11:55	0°♒	
	-9861 Jun 01 j 01:40	0°♓	
	-9861 Jun 25 j 03:49	0°♈	
asc. node	-9861 Jun 27 j 06:28	2°♈38'58	
greatest brilliancy	-9861 Jul 04 j 12:48	11°♈47'01	-3.9m
	-9861 Jul 18 j 23:08	0°♉	
morning set	-9861 Aug 06 j 15:23	23°♉38'26	
	-9861 Aug 11 j 15:58	0°♊	
	-9861 Sep 04 j 10:00	0°♋	
superior conj	-9861 Sep 17 j 11:03	16°♋23'47	1°01'58
minimum elong	-9861 Sep 17 j 22:59	17°♋01'12	1°02'10
max. Earth dist.	-9861 Sep 24 j 08:53	25°♋03'13	1.71409 AU
	-9861 Sep 28 j 07:49	0°♌	
desc. node	-9861 Oct 18 j 02:08	24°♌36'46	
	-9861 Oct 22 j 10:20	0°♍	
evening rise	-9861 Oct 30 j 14:20	10°♍06'43	
	-9861 Nov 15 j 17:05	0°♎	
	-9861 Dec 10 j 03:31	0°♏	
	-9860 Jan 03 j 18:27	0°♐	
	-9860 Jan 28 j 16:57	0°♑	
asc. node	-9860 Feb 06 j 19:12	10°♑47'51	
	-9860 Feb 23 j 04:18	0°♒	
	-9860 Mar 20 j 13:03	0°♓	
	-9860 Apr 17 j 15:42	0°♈	
evening max el	-9860 Apr 25 j 07:47	7°♈35'32	46°17'34
	-9860 May 21 j 23:54	0°♉	
desc. node	-9860 May 29 j 22:09	4°♉37'02	
greatest brilliancy	-9860 Jun 04 j 12:34	6°♉57'39	-4.9m
retrograde	-9860 Jun 14 j 04:52	8°♉40'17	
evening set	-9860 Jun 30 j 06:34	3°♉45'53	
inferior conj	-9860 Jul 04 j 22:08	1°♉03'21	-7°30'24
minimum elong	-9860 Jul 04 j 12:33	1°♉17'39	7°28'35
min. Earth dist.	-9860 Jul 04 j 13:10	1°♉16'44	0.26561 AU
	-9860 Jul 06 j 16:48	30°℞♈	
morning rise	-9860 Jul 08 j 18:32	28°♈48'03	
direct	-9860 Jul 25 j 08:53	23°♈32'34	
greatest brilliancy	-9860 Aug 04 j 19:32	25°♈36'44	-4.9m
	-9860 Aug 13 j 13:24	0°♉	
morning max el	-9860 Sep 14 j 01:21	27°♉01'19	46°40'07
	-9860 Sep 16 j 22:38	0°♊	
asc. node	-9860 Sep 18 j 18:17	1°♊54'10	
	-9860 Oct 14 j 04:04	0°♋	
	-9860 Nov 08 j 22:08	0°♌	
	-9860 Dec 04 j 05:53	0°♍	
	-9860 Dec 29 j 10:10	0°♎	
desc. node	-9859 Jan 09 j 16:22	13°♎27'51	
	-9859 Jan 23 j 11:11	0°♏	
	-9859 Feb 17 j 07:07	0°♐	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9859 Mar 13 j 20:51	0°♉	
morning set	-9859 Mar 16 j 04:10	2°♉49'49	
	-9859 Apr 07 j 04:37	0°♒	
max. Earth dist.	-9859 Apr 15 j 22:23	10°♒50'34	1.72609 AU
superior conj	-9859 Apr 20 j 08:44	16°♒21'01	-0°24'53
minimum elong	-9859 Apr 20 j 13:22	16°♒35'27	0°25'07
asc. node	-9859 May 01 j 05:41	29°♒53'47	
	-9859 May 01 j 07:40	0°♓	
	-9859 May 25 j 07:35	0°♈	
evening rise	-9859 May 26 j 10:01	1°♈22'48	
	-9859 Jun 18 j 06:06	0°♉	
	-9859 Jul 12 j 05:16	0°♊	
	-9859 Aug 05 j 07:30	0°♋	
desc. node	-9859 Aug 22 j 03:44	20°♋48'31	
	-9859 Aug 29 j 15:19	0°♌	
	-9859 Sep 23 j 07:56	0°♍	
	-9859 Oct 18 j 15:40	0°♎	
	-9859 Nov 14 j 07:39	0°♏	
evening max el	-9859 Nov 29 j 22:01	16°♏07'34	45°24'56
asc. node	-9859 Dec 12 j 00:16	27°♏22'23	
	-9859 Dec 15 j 02:25	0°♐	
greatest brilliancy	-9858 Jan 06 j 13:01	14°♐18'16	-4.7m
retrograde	-9858 Jan 17 j 13:22	16°♐29'57	
evening set	-9858 Feb 04 j 04:21	10°♐36'38	
inferior conj	-9858 Feb 08 j 00:27	8°♐12'54	8°04'13
minimum elong	-9858 Feb 08 j 01:05	8°♐11'54	8°03'42
min. Earth dist.	-9858 Feb 08 j 13:10	7°♐52'43	0.29592 AU
morning rise	-9858 Feb 11 j 21:45	5°♐46'56	
	-9858 Feb 25 j 22:39	30°℞♏	
direct	-9858 Mar 02 j 00:55	29°♏40'24	
	-9858 Mar 06 j 05:09	0°♐	
greatest brilliancy	-9858 Mar 12 j 05:43	1°♐32'06	-4.7m
desc. node	-9858 Apr 04 j 02:59	15°♐28'14	
	-9858 Apr 20 j 09:47	0°♉	
morning max el	-9858 Apr 20 j 07:11	29°♐53'43	46°10'30
	-9858 May 19 j 00:37	0°♒	
	-9858 Jun 14 j 01:05	0°♓	
	-9858 Jul 08 j 20:51	0°♈	
asc. node	-9858 Jul 24 j 19:49	19°♈44'07	
	-9858 Aug 02 j 01:20	0°♉	
	-9858 Aug 25 j 22:53	0°♊	
	-9858 Sep 18 j 19:33	0°♋	
	-9858 Oct 12 j 19:19	0°♌	
morning set	-9858 Oct 23 j 11:52	13°♌17'36	
	-9858 Nov 05 j 23:36	0°♍	
desc. node	-9858 Nov 14 j 15:23	10°♍41'32	
	-9858 Nov 30 j 07:37	0°♎	
superior conj	-9858 Dec 03 j 19:20	4°♎17'22	-0°41'18
minimum elong	-9858 Dec 03 j 10:48	3°♎51'09	0°40'55
max. Earth dist.	-9858 Dec 06 j 02:28	7°♎06'49	1.73252 AU
	-9858 Dec 24 j 17:36	0°♏	
evening rise	-9857 Jan 10 j 22:59	21°♏08'10	
	-9857 Jan 18 j 04:24	0°♐	
greatest brilliancy	-9857 Feb 02 j 07:23	18°♐31'50	-3.9m
	-9857 Feb 11 j 16:21	0°♉	
asc. node	-9857 Mar 06 j 06:40	27°♉33'13	
	-9857 Mar 08 j 06:58	0°♒	
	-9857 Apr 02 j 02:09	0°♓	
	-9857 Apr 27 j 03:57	0°♈	
	-9857 May 22 j 16:20	0°♉	
	-9857 Jun 18 j 02:12	0°♊	
desc. node	-9857 Jun 27 j 08:24	10°♊03'52	
evening max el	-9857 Jul 08 j 21:52	22°♊06'11	47°46'16
	-9857 Jul 16 j 23:00	0°♋	
greatest brilliancy	-9857 Aug 19 j 12:36	23°♋59'25	-4.9m
retrograde	-9857 Aug 28 j 22:32	25°♋41'47	
evening set	-9857 Sep 14 j 07:34	20°♋21'31	
min. Earth dist.	-9857 Sep 18 j 05:43	17°♋56'28	0.26931 AU
inferior conj	-9857 Sep 18 j 16:17	17°♋39'49	-6°22'12
minimum elong	-9857 Sep 19 j 02:20	17°♋24'01	6°19'25
morning rise	-9857 Sep 23 j 21:30	14°♋29'53	
direct	-9857 Oct 08 j 22:44	9°♋55'46	
asc. node	-9857 Oct 17 j 05:24	11°♋15'22	
greatest brilliancy	-9857 Oct 18 j 12:34	11°♋41'10	-4.9m
	-9857 Nov 14 j 23:50	0°♌	
morning max el	-9857 Nov 27 j 13:41	11°♌47'19	46°13'22
	-9857 Dec 15 j 06:43	0°♍	
	-9856 Jan 11 j 13:57	0°♎	
	-9856 Feb 06 j 19:39	0°♏	
desc. node	-9856 Feb 07 j 05:19	0°♏28'03	
	-9856 Mar 03 j 09:19	0°♐	
	-9856 Mar 28 j 09:47	0°♉	
	-9856 Apr 21 j 23:04	0°♒	
	-9856 May 16 j 03:27	0°♓	
morning set	-9856 May 22 j 02:07	7°♓25'50	
asc. node	-9856 May 28 j 19:03	15°♓50'07	
	-9856 Jun 09 j 01:30	0°♈	
max. Earth dist.	-9856 Jun 27 j 08:00	23°♈02'54	1.70936 AU
superior conj	-9856 Jun 28 j 19:37	24°♈55'24	1°03'45
minimum elong	-9856 Jun 28 j 09:53	24°♈24'40	1°03'38
	-9856 Jul 02 j 20:02	0°♉	
	-9856 Jul 26 j 13:55	0°♊	
evening rise	-9856 Aug 07 j 23:35	15°♊38'10	
	-9856 Aug 19 j 09:49	0°♋	
	-9856 Sep 12 j 09:43	0°♌	
desc. node	-9856 Sep 18 j 15:38	7°♌46'05	
	-9856 Oct 06 j 14:44	0°♍	
	-9856 Oct 31 j 01:53	0°♎	
	-9856 Nov 24 j 21:43	0°♏	
	-9856 Dec 20 j 09:00	0°♐	
asc. node	-9855 Jan 08 j 10:34	21°♐35'11	
	-9855 Jan 16 j 03:34	0°♉	
evening max el	-9855 Feb 08 j 22:43	24°♉14'26	44°56'50
	-9855 Feb 15 j 05:01	0°♒	
greatest brilliancy	-9855 Mar 18 j 22:41	21°♒13'19	-4.7m
retrograde	-9855 Mar 29 j 00:54	23°♒01'30	
evening set	-9855 Apr 13 j 06:06	18°♒42'53	
inferior conj	-9855 Apr 19 j 05:25	15°♒16'50	2°50'12
minimum elong	-9855 Apr 19 j 11:23	15°♒07'51	2°48'07
min. Earth dist.	-9855 Apr 20 j 09:03	14°♒35'16	0.27958 AU
morning rise	-9855 Apr 25 j 15:30	11°♒33'26	
desc. node	-9855 May 01 j 13:56	8°♒52'31	
direct	-9855 May 10 j 17:30	7°♒13'27	
greatest brilliancy	-9855 May 22 j 11:56	9°♒42'27	-4.8m
	-9855 Jun 20 j 07:27	0°♓	
morning max el	-9855 Jun 30 j 00:07	9°♓20'01	46°38'08
	-9855 Jul 19 j 10:19	0°♈	
	-9855 Aug 14 j 08:43	0°♉	
asc. node	-9855 Aug 21 j 08:32	8°♉22'18	
	-9855 Sep 08 j 03:45	0°♊	
	-9855 Oct 02 j 12:55	0°♋	
	-9855 Oct 26 j 21:01	0°♌	
	-9855 Nov 20 j 07:50	0°♍	
desc. node	-9855 Dec 12 j 05:00	26°♍43'32	
	-9855 Dec 14 j 21:26	0°♎	
morning set	-9854 Jan 05 j 06:43	26°♎05'03	
	-9854 Jan 08 j 11:41	0°♏	
	-9854 Feb 02 j 00:22	0°♐	
max. Earth dist.	-9854 Feb 08 j 10:15	7°♐51'54	1.73773 AU
superior conj	-9854 Feb 11 j 04:16	11°♐14'29	-1°20'20

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

minimum elong	-9854 Feb 11 j 06:20	11°♐20'49	1°20'51	
	-9854 Feb 26 j 10:31	0°♑		
evening rise	-9854 Mar 18 j 11:42	24°♑42'42		
	-9854 Mar 22 j 18:34	0°♒		
asc. node	-9854 Apr 02 j 18:57	13°♒35'55		
	-9854 Apr 16 j 01:41	0°♓		
	-9854 May 10 j 09:02	0°♈		
	-9854 Jun 03 j 17:57	0°♉		
	-9854 Jun 28 j 06:39	0°♊		
	-9854 Jul 23 j 03:23	0°♋		
desc. node	-9854 Jul 24 j 18:45	1°♋57'22		
	-9854 Aug 17 j 16:36	0°♌		
	-9854 Sep 13 j 20:15	0°♍		
evening max el	-9854 Sep 18 j 00:10	4°♍18'05	47°08'51	
	-9854 Oct 17 j 08:02	0°♎		
greatest brilliancy	-9854 Oct 27 j 22:29	5°♎44'33	-4.8m	
retrograde	-9854 Nov 07 j 21:48	8°♎03'08		
asc. node	-9854 Nov 13 j 16:08	7°♎20'46		
evening set	-9854 Nov 22 j 22:46	3°♎24'50		
	-9854 Nov 28 j 11:09	30°℞♍		
min. Earth dist.	-9854 Nov 28 j 06:50	0°♎06'57	0.28564 AU	
inferior conj	-9854 Nov 29 j 00:46	29°♍38'01	3°29'55	
minimum elong	-9854 Nov 28 j 18:10	29°♍48'41	3°28'14	
morning rise	-9854 Dec 04 j 14:20	26°♍10'29		
direct	-9854 Dec 20 j 04:15	21°♍20'52		
greatest brilliancy	-9854 Dec 29 j 01:55	22°♍49'07	-4.7m	
	-9853 Jan 12 j 09:01	0°♎		
morning max el	-9853 Feb 06 j 22:33	21°♎05'09	45°56'44	
	-9853 Feb 16 j 02:01	0°♏		
desc. node	-9853 Mar 06 j 17:43	19°♏27'02		
	-9853 Mar 16 j 09:24	0°♐		
	-9853 Apr 11 j 17:51	0°♑		
	-9853 May 07 j 00:15	0°♒		
	-9853 May 31 j 13:31	0°♓		
	-9853 Jun 24 j 15:25	0°♈		
asc. node	-9853 Jun 26 j 08:37	2°♈09'18		
greatest brilliancy	-9853 Jul 05 j 02:32	13°♈09'30	-3.9m	
	-9853 Jul 18 j 10:38	0°♉		
morning set	-9853 Aug 04 j 01:53	21°♉03'32		
	-9853 Aug 11 j 03:24	0°♊		
	-9853 Sep 03 j 21:25	0°♋		
superior conj	-9853 Sep 14 j 19:10	13°♋42'45	1°04'35	
minimum elong	-9853 Sep 15 j 06:56	14°♋19'40	1°04'49	
max. Earth dist.	-9853 Sep 21 j 17:32	22°♋24'18	1.71348 AU	
	-9853 Sep 27 j 19:14	0°♌		
desc. node	-9853 Oct 17 j 04:19	24°♌08'11		
	-9853 Oct 21 j 21:44	0°♍		
evening rise	-9853 Oct 28 j 00:30	7°♍34'32		
	-9853 Nov 15 j 04:29	0°♎		
	-9853 Dec 09 j 14:59	0°♏		
	-9852 Jan 03 j 06:10	0°♐		
	-9852 Jan 28 j 05:17	0°♑		
asc. node	-9852 Feb 05 j 21:22	10°♑16'47		
	-9852 Feb 22 j 17:52	0°♒		
	-9852 Mar 20 j 05:03	0°♓		
	-9852 Apr 17 j 13:41	0°♈		
evening max el	-9852 Apr 22 j 21:49	5°♈14'25	46°13'36	
	-9852 May 23 j 11:00	0°♉		
desc. node	-9852 May 29 j 00:25	2°♉53'17		
greatest brilliancy	-9852 Jun 01 j 23:18	4°♉27'08	-4.9m	
retrograde	-9852 Jun 11 j 16:19	6°♉09'50		
evening set	-9852 Jun 27 j 14:04	1°♉22'03		
	-9852 Jun 29 j 23:35	30°℞♈		
inferior conj	-9852 Jul 02 j 09:47	28°♈33'41	-7°16'50	
minimum elong	-9852 Jul 01 j 23:50	28°♈48'31	7°14'51	
min. Earth dist.	-9852 Jul 02 j 01:27	28°♈46'07	0.26569 AU	
morning rise	-9852 Jul 06 j 09:36	26°♈13'29		
direct	-9852 Jul 22 j 21:31	21°♈02'57		
greatest brilliancy	-9852 Aug 02 j 08:33	23°♈07'12	-4.9m	
	-9852 Aug 14 j 21:49	0°♉		
morning max el	-9852 Sep 11 j 13:31	24°♉30'17	46°40'39	
	-9852 Sep 16 j 20:23	0°♊		
asc. node	-9852 Sep 17 j 20:38	1°♊04'07		
	-9852 Oct 13 j 20:22	0°♋		
	-9852 Nov 08 j 12:13	0°♌		
	-9852 Dec 03 j 18:45	0°♍		
	-9852 Dec 28 j 22:16	0°♎		
desc. node	-9851 Jan 08 j 18:22	12°♎58'24		
	-9851 Jan 22 j 22:43	0°♏		
	-9851 Feb 16 j 18:18	0°♐		
	-9851 Mar 13 j 07:51	0°♑		
morning set	-9851 Mar 13 j 23:51	0°♑49'06		
	-9851 Apr 06 j 15:36	0°♒		
max. Earth dist.	-9851 Apr 13 j 15:43	8°♒41'14	1.72673 AU	
superior conj	-9851 Apr 18 j 03:54	14°♒17'14	-0°27'42	
minimum elong	-9851 Apr 18 j 08:59	14°♒33'01	0°27'57	
asc. node	-9851 Apr 30 j 07:57	29°♒26'22		
	-9851 Apr 30 j 18:44	0°♓		
evening rise	-9851 May 24 j 03:12	29°♓11'08		
	-9851 May 24 j 18:49	0°♈		
	-9851 Jun 17 j 17:33	0°♉		
	-9851 Jul 11 j 16:59	0°♊		
	-9851 Aug 04 j 19:31	0°♋		
desc. node	-9851 Aug 21 j 05:55	20°♋17'29		
	-9851 Aug 29 j 03:46	0°♌		
	-9851 Sep 22 j 21:03	0°♍		
	-9851 Oct 18 j 06:05	0°♎		
	-9851 Nov 14 j 01:19	0°♏		
evening max el	-9851 Nov 27 j 13:14	13°♏53'38	45°27'41	
asc. node	-9851 Dec 11 j 02:32	26°♏25'50		
	-9851 Dec 15 j 10:12	0°♐		
greatest brilliancy	-9850 Jan 04 j 06:29	12°♐12'52	-4.7m	
retrograde	-9850 Jan 15 j 06:23	14°♐24'50		
evening set	-9850 Feb 01 j 21:27	8°♐31'38		
inferior conj	-9850 Feb 05 j 17:59	6°♐07'05	8°04'41	
minimum elong	-9850 Feb 05 j 17:57	6°♐07'10	8°04'11	
min. Earth dist.	-9850 Feb 06 j 05:40	5°♐48'32	0.29603 AU	
morning rise	-9850 Feb 09 j 14:21	3°♐42'13		
	-9850 Feb 16 j 13:58	30°℞♏		
direct	-9850 Feb 27 j 17:47	27°♏34'25		
greatest brilliancy	-9850 Mar 09 j 21:36	29°♏24'49	-4.7m	
	-9850 Mar 11 j 11:38	0°♐		
desc. node	-9850 Apr 03 j 05:14	14°♐28'49		
morning max el	-9850 Apr 17 j 22:24	27°♐41'19	46°09'35	
	-9850 Apr 20 j 07:30	0°♑		
	-9850 May 18 j 16:17	0°♒		
	-9850 Jun 13 j 14:40	0°♓		
	-9850 Jul 08 j 09:27	0°♈		
asc. node	-9850 Jul 23 j 21:55	19°♈12'32		
	-9850 Aug 01 j 13:26	0°♉		
	-9850 Aug 25 j 10:40	0°♊		
	-9850 Sep 18 j 07:08	0°♋		
	-9850 Oct 12 j 06:43	0°♌		
morning set	-9850 Oct 20 j 22:15	10°♌45'40		
	-9850 Nov 05 j 10:50	0°♍		
desc. node	-9850 Nov 13 j 17:32	10°♍13'41		
	-9850 Nov 29 j 18:42	0°♎		
superior conj	-9850 Dec 01 j 08:45	1°♎56'59	-0°38'17	
minimum elong	-9850 Dec 01 j 00:36	1°♎31'55	0°37'54	
max. Earth dist.	-9850 Dec 03 j 20:59	5°♎02'09	1.73201 AU	
	-9850 Dec 24 j 04:37	0°♏		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

evening rise	-9849 Jan 08 j 16:28	19°♏00'46	
	-9849 Jan 17 j 15:26	0°♐	
greatest brilliancy	-9849 Feb 02 j 14:40	19°♐33'35	-3.9m
	-9849 Feb 11 j 03:32	0°♑	
asc. node	-9849 Mar 05 j 08:59	27°♑05'21	
	-9849 Mar 07 j 18:30	0°♒	
	-9849 Apr 01 j 14:17	0°♓	
	-9849 Apr 26 j 17:05	0°♈	
	-9849 May 22 j 07:10	0°♉	
	-9849 Jun 17 j 20:21	0°♊	
desc. node	-9849 Jun 26 j 10:28	9°♊16'05	
evening max el	-9849 Jul 06 j 10:54	19°♊38'58	47°44'46
	-9849 Jul 17 j 03:00	0°♋	
greatest brilliancy	-9849 Aug 17 j 03:42	21°♋32'59	-4.9m
retrograde	-9849 Aug 26 j 11:34	23°♋13'57	
evening set	-9849 Sep 12 j 00:08	17°♋49'36	
inferior conj	-9849 Sep 16 j 05:43	15°♋13'05	-6°38'14
minimum elong	-9849 Sep 16 j 15:46	14°♋57'20	6°35'33
min. Earth dist.	-9849 Sep 15 j 19:45	15°♋28'45	0.26899 AU
morning rise	-9849 Sep 21 j 07:42	12°♋07'58	
direct	-9849 Oct 06 j 11:12	7°♋29'42	
greatest brilliancy	-9849 Oct 16 j 03:01	9°♋16'47	-4.9m
asc. node	-9849 Oct 16 j 07:42	9°♋20'58	
	-9849 Nov 15 j 05:11	0°♌	
morning max el	-9849 Nov 25 j 03:29	9°♌25'57	46°14'29
	-9849 Dec 15 j 00:36	0°♍	
	-9848 Jan 11 j 04:23	0°♎	
desc. node	-9848 Feb 06 j 07:31	29°♎57'20	
	-9848 Feb 06 j 08:26	0°♏	
	-9848 Mar 02 j 21:12	0°♐	
	-9848 Mar 27 j 21:10	0°♑	
	-9848 Apr 21 j 10:09	0°♒	
	-9848 May 15 j 14:24	0°♓	
morning set	-9848 May 19 j 19:31	5°♓15'50	
asc. node	-9848 May 27 j 21:13	15°♓22'32	
	-9848 Jun 08 j 12:28	0°♈	
max. Earth dist.	-9848 Jun 24 j 19:29	20°♈32'44	1.70979 AU
superior conj	-9848 Jun 26 j 09:41	22°♈33'22	1°01'26
minimum elong	-9848 Jun 25 j 23:57	22°♈02'37	1°01'16
	-9848 Jul 02 j 07:05	0°♉	
	-9848 Jul 26 j 01:07	0°♊	
evening rise	-9848 Aug 05 j 08:58	13°♊01'14	
	-9848 Aug 18 j 21:09	0°♋	
	-9848 Sep 11 j 21:10	0°♌	
desc. node	-9848 Sep 17 j 17:53	7°♌17'18	
	-9848 Oct 06 j 02:21	0°♍	
	-9848 Oct 30 j 13:47	0°♎	
	-9848 Nov 24 j 10:12	0°♏	
	-9848 Dec 19 j 22:42	0°♐	
asc. node	-9847 Jan 07 j 12:45	20°♐58'36	
	-9847 Jan 15 j 20:13	0°♑	
evening max el	-9847 Feb 06 j 14:01	22°♑02'57	44°56'04
	-9847 Feb 15 j 08:02	0°♒	
greatest brilliancy	-9847 Mar 16 j 11:42	18°♒58'53	-4.7m
retrograde	-9847 Mar 26 j 15:41	20°♒48'14	
evening set	-9847 Apr 10 j 22:36	16°♒26'18	
inferior conj	-9847 Apr 16 j 19:56	13°♒02'20	3°09'19
minimum elong	-9847 Apr 17 j 02:27	12°♒52'31	3°07'06
min. Earth dist.	-9847 Apr 17 j 23:53	12°♒20'18	0.28032 AU
morning rise	-9847 Apr 23 j 05:16	9°♒19'56	
desc. node	-9847 Apr 30 j 16:09	6°♒08'17	
direct	-9847 May 08 j 09:25	4°♒57'36	
greatest brilliancy	-9847 May 20 j 02:56	7°♒26'13	-4.8m
	-9847 Jun 20 j 09:53	0°♓	
morning max el	-9847 Jun 27 j 15:55	7°♓03'17	46°37'26
	-9847 Jul 19 j 03:29	0°♈	
	-9847 Aug 13 j 23:03	0°♉	
asc. node	-9847 Aug 20 j 10:55	7°♉47'42	
	-9847 Sep 07 j 16:48	0°♊	
	-9847 Oct 02 j 01:14	0°♋	
	-9847 Oct 26 j 08:51	0°♌	
	-9847 Nov 19 j 19:19	0°♍	
desc. node	-9847 Dec 11 j 07:02	26°♍15'30	
	-9847 Dec 14 j 08:37	0°♎	
morning set	-9846 Jan 02 j 22:27	23°♎53'07	
	-9846 Jan 07 j 22:38	0°♏	
	-9846 Feb 01 j 11:10	0°♐	
max. Earth dist.	-9846 Feb 06 j 09:54	6°♐04'04	1.73784 AU
superior conj	-9846 Feb 08 j 23:12	9°♐12'11	-1°20'41
minimum elong	-9846 Feb 09 j 00:41	9°♐16'43	1°21'11
	-9846 Feb 25 j 21:17	0°♑	
evening rise	-9846 Mar 16 j 07:33	22°♑42'26	
	-9846 Mar 22 j 05:27	0°♒	
asc. node	-9846 Apr 01 j 21:13	13°♒08'58	
	-9846 Apr 15 j 12:49	0°♓	
	-9846 May 09 j 20:33	0°♈	
	-9846 Jun 03 j 05:57	0°♉	
	-9846 Jun 27 j 19:18	0°♊	
	-9846 Jul 22 j 17:04	0°♋	
desc. node	-9846 Jul 23 j 21:00	1°♋23'07	
	-9846 Aug 17 j 08:13	0°♌	
	-9846 Sep 13 j 16:45	0°♍	
evening max el	-9846 Sep 15 j 17:13	2°♍04'24	47°11'55
	-9846 Oct 18 j 13:55	0°♎	
greatest brilliancy	-9846 Oct 25 j 15:59	3°♎31'40	-4.8m
retrograde	-9846 Nov 05 j 15:11	5°♎49'45	
asc. node	-9846 Nov 12 j 18:23	4°♎44'50	
evening set	-9846 Nov 20 j 14:31	1°♎13'10	
	-9846 Nov 22 j 15:43	30°℞♍	
min. Earth dist.	-9846 Nov 25 j 22:51	27°♍54'44	0.28498 AU
inferior conj	-9846 Nov 26 j 17:18	27°♍24'59	3°12'07
minimum elong	-9846 Nov 26 j 11:09	27°♍34'54	3°10'34
morning rise	-9846 Dec 02 j 08:41	23°♍55'05	
direct	-9846 Dec 17 j 20:31	19°♍09'05	
greatest brilliancy	-9846 Dec 26 j 17:01	20°♍36'52	-4.7m
	-9845 Jan 13 j 05:06	0°♎	
morning max el	-9845 Feb 04 j 14:55	18°♎56'54	45°56'46
	-9845 Feb 15 j 21:18	0°♏	
desc. node	-9845 Mar 05 j 20:00	18°♏50'30	
	-9845 Mar 16 j 00:06	0°♐	
	-9845 Apr 11 j 06:42	0°♑	
	-9845 May 06 j 12:12	0°♒	
	-9845 May 31 j 01:02	0°♓	
	-9845 Jun 24 j 02:43	0°♈	
asc. node	-9845 Jun 25 j 10:42	1°♈40'25	
greatest brilliancy	-9845 Jul 05 j 11:11	14°♈17'04	-3.9m
	-9845 Jul 17 j 21:49	0°♉	
morning set	-9845 Aug 01 j 12:57	18°♉31'24	
	-9845 Aug 10 j 14:31	0°♊	
	-9845 Sep 03 j 08:31	0°♋	
superior conj	-9845 Sep 12 j 03:48	11°♋04'21	1°07'01
minimum elong	-9845 Sep 12 j 15:16	11°♋40'19	1°07'16
max. Earth dist.	-9845 Sep 19 j 04:40	19°♋54'02	1.71289 AU
	-9845 Sep 27 j 06:19	0°♌	
desc. node	-9845 Oct 16 j 06:27	23°♌40'20	
	-9845 Oct 21 j 08:50	0°♍	
evening rise	-9845 Oct 25 j 10:35	5°♍02'50	
	-9845 Nov 14 j 15:37	0°♎	
	-9845 Dec 09 j 02:14	0°♏	
	-9844 Jan 02 j 17:44	0°♐	
	-9844 Jan 27 j 17:29	0°♑	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

asc. node	-9844 Feb 04 j 23:44	9°♉46'51	
	-9844 Feb 22 j 07:19	0°♒	
	-9844 Mar 19 j 21:03	0°♓	
	-9844 Apr 17 j 12:08	0°♈	
evening max el	-9844 Apr 20 j 10:56	2°♈52'11	46°09'45
	-9844 May 25 j 14:13	0°♉	
desc. node	-9844 May 28 j 02:34	1°♉06'30	
greatest brilliancy	-9844 May 30 j 10:47	1°♉58'51	-4.8m
retrograde	-9844 Jun 09 j 03:26	3°♉41'01	
	-9844 Jun 22 j 23:58	30℞♈	
evening set	-9844 Jun 24 j 21:52	28°♈59'32	
inferior conj	-9844 Jun 29 j 21:37	26°♈05'39	-7°02'21
minimum elong	-9844 Jun 29 j 11:25	26°♈20'53	7°00'14
min. Earth dist.	-9844 Jun 29 j 14:21	26°♈16'30	0.26579 AU
morning rise	-9844 Jul 04 j 00:53	23°♈40'25	
direct	-9844 Jul 20 j 09:46	18°♈34'41	
greatest brilliancy	-9844 Jul 30 j 22:25	20°♈39'46	-4.9m
	-9844 Aug 15 j 20:41	0°♉	
morning max el	-9844 Sep 09 j 00:52	21°♉58'00	46°41'17
asc. node	-9844 Sep 16 j 22:50	0°♊15'27	
	-9844 Sep 16 j 17:03	0°♊	
	-9844 Oct 13 j 12:06	0°♋	
	-9844 Nov 08 j 01:54	0°♌	
	-9844 Dec 03 j 07:19	0°♍	
	-9844 Dec 28 j 10:07	0°♎	
desc. node	-9843 Jan 07 j 20:33	12°♎30'07	
	-9843 Jan 22 j 10:06	0°♏	
	-9843 Feb 16 j 05:21	0°♐	
morning set	-9843 Mar 11 j 19:13	28°♐47'51	
	-9843 Mar 12 j 18:44	0°♑	
	-9843 Apr 06 j 02:26	0°♒	
max. Earth dist.	-9843 Apr 11 j 10:26	6°♒36'48	1.72732 AU
superior conj	-9843 Apr 15 j 22:57	12°♒13'38	-0°30'31
minimum elong	-9843 Apr 16 j 04:27	12°♒30'43	0°30'44
asc. node	-9843 Apr 29 j 10:03	28°♒58'56	
	-9843 Apr 30 j 05:38	0°♓	
evening rise	-9843 May 21 j 20:30	27°♓00'30	
	-9843 May 24 j 05:52	0°♈	
	-9843 Jun 17 j 04:50	0°♉	
	-9843 Jul 11 j 04:33	0°♊	
	-9843 Aug 04 j 07:27	0°♋	
desc. node	-9843 Aug 20 j 08:13	19°♋47'07	
	-9843 Aug 28 j 16:08	0°♌	
	-9843 Sep 22 j 10:05	0°♍	
	-9843 Oct 17 j 20:29	0°♎	
	-9843 Nov 13 j 19:12	0°♏	
evening max el	-9843 Nov 25 j 03:43	11°♏38'11	45°30'28
asc. node	-9843 Dec 10 j 04:41	25°♏28'09	
	-9843 Dec 15 j 20:42	0°♐	
greatest brilliancy	-9842 Jan 01 j 23:21	10°♐06'41	-4.7m
retrograde	-9842 Jan 12 j 23:32	12°♐19'39	
evening set	-9842 Jan 30 j 14:10	6°♐26'38	
inferior conj	-9842 Feb 03 j 11:24	4°♐01'02	8°04'26
minimum elong	-9842 Feb 03 j 10:42	4°♐02'08	8°03'56
min. Earth dist.	-9842 Feb 03 j 22:02	3°♐44'06	0.29616 AU
morning rise	-9842 Feb 07 j 07:08	1°♐36'58	
	-9842 Feb 10 j 01:22	30℞♏	
direct	-9842 Feb 25 j 10:20	25°♏27'58	
greatest brilliancy	-9842 Mar 07 j 13:47	27°♏17'43	-4.7m
	-9842 Mar 13 j 20:12	0°♐	
desc. node	-9842 Apr 02 j 07:23	13°♐30'25	
morning max el	-9842 Apr 15 j 14:07	25°♐30'07	46°08'47
	-9842 Apr 20 j 04:30	0°♑	
	-9842 May 18 j 07:44	0°♒	
	-9842 Jun 13 j 04:06	0°♓	
	-9842 Jul 07 j 21:55	0°♈	
asc. node	-9842 Jul 23 j 00:12	18°♈41'58	
	-9842 Aug 01 j 01:22	0°♉	
	-9842 Aug 24 j 22:20	0°♊	
	-9842 Sep 17 j 18:38	0°♋	
	-9842 Oct 11 j 18:03	0°♌	
morning set	-9842 Oct 18 j 08:35	8°♌13'32	
	-9842 Nov 04 j 22:00	0°♍	
desc. node	-9842 Nov 12 j 19:35	9°♍45'37	
superior conj	-9842 Nov 28 j 22:05	29°♍36'28	-0°35'12
minimum elong	-9842 Nov 28 j 14:23	29°♍12'45	0°34'48
	-9842 Nov 29 j 05:45	0°♎	
max. Earth dist.	-9842 Dec 01 j 14:14	2°♎53'43	1.73148 AU
	-9842 Dec 23 j 15:35	0°♏	
evening rise	-9841 Jan 06 j 09:54	16°♏53'22	
	-9841 Jan 17 j 02:27	0°♐	
greatest brilliancy	-9841 Feb 03 j 15:29	21°♐28'53	-3.9m
	-9841 Feb 10 j 14:45	0°♑	
asc. node	-9841 Mar 04 j 11:13	26°♑37'02	
	-9841 Mar 07 j 06:07	0°♒	
	-9841 Apr 01 j 02:33	0°♓	
	-9841 Apr 26 j 06:25	0°♈	
	-9841 May 21 j 22:15	0°♉	
	-9841 Jun 17 j 14:58	0°♊	
desc. node	-9841 Jun 25 j 12:46	8°♊28'06	
evening max el	-9841 Jul 04 j 00:03	17°♊12'10	47°43'21
	-9841 Jul 17 j 08:51	0°♋	
greatest brilliancy	-9841 Aug 14 j 17:55	19°♋05'25	-4.9m
retrograde	-9841 Aug 24 j 00:55	20°♋45'56	
evening set	-9841 Sep 09 j 16:36	15°♋17'04	
inferior conj	-9841 Sep 13 j 19:01	12°♋45'48	-6°53'31
minimum elong	-9841 Sep 14 j 05:01	12°♋30'11	6°50'56
min. Earth dist.	-9841 Sep 13 j 09:15	13°♋01'06	0.26871 AU
morning rise	-9841 Sep 18 j 17:41	9°♋45'57	
direct	-9841 Oct 03 j 23:56	5°♋02'59	
greatest brilliancy	-9841 Oct 13 j 16:56	6°♋51'26	-4.9m
asc. node	-9841 Oct 15 j 09:54	7°♋30'37	
	-9841 Nov 15 j 08:51	0°♌	
morning max el	-9841 Nov 22 j 18:09	7°♌06'22	46°15'36
	-9841 Dec 14 j 18:12	0°♍	
	-9840 Jan 10 j 18:45	0°♎	
desc. node	-9840 Feb 05 j 09:44	29°♎26'32	
	-9840 Feb 05 j 21:15	0°♏	
	-9840 Mar 02 j 09:10	0°♐	
	-9840 Mar 27 j 08:39	0°♑	
	-9840 Apr 20 j 21:24	0°♒	
	-9840 May 15 j 01:33	0°♓	
morning set	-9840 May 17 j 12:46	3°♓04'55	
asc. node	-9840 May 26 j 23:21	14°♓54'13	
	-9840 Jun 07 j 23:38	0°♈	
max. Earth dist.	-9840 Jun 22 j 05:34	17°♈57'38	1.71018 AU
superior conj	-9840 Jun 23 j 23:38	20°♈10'24	0°58'59
minimum elong	-9840 Jun 23 j 13:57	19°♈39'51	0°58'47
	-9840 Jul 01 j 18:20	0°♉	
	-9840 Jul 25 j 12:28	0°♊	
evening rise	-9840 Aug 02 j 18:20	10°♊23'44	
	-9840 Aug 18 j 08:37	0°♋	
	-9840 Sep 11 j 08:46	0°♌	
desc. node	-9840 Sep 16 j 19:57	6°♌47'36	
	-9840 Oct 05 j 14:09	0°♍	
	-9840 Oct 30 j 01:54	0°♎	
	-9840 Nov 23 j 22:55	0°♏	
	-9840 Dec 19 j 12:42	0°♐	
asc. node	-9839 Jan 06 j 15:10	20°♐21'52	
	-9839 Jan 15 j 13:22	0°♑	
evening max el	-9839 Feb 04 j 05:43	19°♑52'01	44°55'21

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9839 Feb 15 j 13:02	0°♒		
greatest brilliancy	-9839 Mar 14 j 01:07	16°♒44'35	-4.7m	
retrograde	-9839 Mar 24 j 06:14	18°♒34'24		
evening set	-9839 Apr 08 j 15:15	14°♒09'18		
inferior conj	-9839 Apr 14 j 10:29	10°♒47'24	3°28'00	
minimum elong	-9839 Apr 14 j 17:31	10°♒36'47	3°25'40	
min. Earth dist.	-9839 Apr 15 j 14:36	10°♒04'58	0.28109 AU	
morning rise	-9839 Apr 20 j 18:50	7°♒05'57		
desc. node	-9839 Apr 29 j 18:17	3°♒28'17		
direct	-9839 May 06 j 01:26	2°♒41'22		
greatest brilliancy	-9839 May 17 j 17:23	5°♒08'36	-4.8m	
	-9839 Jun 20 j 11:24	0°♓		
morning max el	-9839 Jun 25 j 07:19	4°♓44'41	46°36'33	
	-9839 Jul 18 j 20:42	0°♈		
	-9839 Aug 13 j 13:35	0°♉		
asc. node	-9839 Aug 19 j 13:05	7°♉11'40		
	-9839 Sep 07 j 06:03	0°♊		
	-9839 Oct 01 j 13:45	0°♋		
	-9839 Oct 25 j 20:53	0°♌		
	-9839 Nov 19 j 07:00	0°♍		
desc. node	-9839 Dec 10 j 09:11	25°♍47'07		
	-9839 Dec 13 j 20:02	0°♎		
morning set	-9839 Dec 31 j 14:06	21°♎40'03		
	-9838 Jan 07 j 09:51	0°♏		
	-9838 Jan 31 j 22:14	0°♐		
max. Earth dist.	-9838 Feb 04 j 09:00	4°♐13'47	1.73789 AU	
superior conj	-9838 Feb 06 j 18:06	7°♐08'58	-1°20'54	
minimum elong	-9838 Feb 06 j 19:00	7°♐11'42	1°21'25	
	-9838 Feb 25 j 08:19	0°♑		
evening rise	-9838 Mar 14 j 03:25	20°♑41'29		
	-9838 Mar 21 j 16:35	0°♒		
asc. node	-9838 Mar 31 j 23:22	12°♒40'54		
	-9838 Apr 15 j 00:14	0°♓		
	-9838 May 09 j 08:22	0°♈		
	-9838 Jun 02 j 18:19	0°♉		
	-9838 Jun 27 j 08:25	0°♊		
	-9838 Jul 22 j 07:18	0°♋		
desc. node	-9838 Jul 22 j 23:17	0°♋47'28		
	-9838 Aug 17 j 00:31	0°♌		
evening max el	-9838 Sep 13 j 09:48	29°♌48'12	47°15'03	
	-9838 Sep 13 j 14:25	0°♍		
	-9838 Oct 20 j 11:03	0°♎		
greatest brilliancy	-9838 Oct 23 j 09:57	1°♎18'07	-4.9m	
retrograde	-9838 Nov 03 j 08:08	3°♎34'53		
asc. node	-9838 Nov 11 j 20:35	2°♎02'37		
	-9838 Nov 16 j 10:43	30°℞♍		
evening set	-9838 Nov 18 j 06:21	29°♍00'04		
min. Earth dist.	-9838 Nov 23 j 15:00	25°♍40'56	0.28429 AU	
inferior conj	-9838 Nov 24 j 09:45	25°♍10'39	2°54'02	
minimum elong	-9838 Nov 24 j 04:05	25°♍19'48	2°52'36	
morning rise	-9838 Nov 30 j 02:48	21°♍38'21		
direct	-9838 Dec 15 j 12:36	16°♍56'08		
greatest brilliancy	-9838 Dec 24 j 08:15	18°♍23'25	-4.7m	
	-9837 Jan 13 j 20:36	0°♎		
morning max el	-9837 Feb 02 j 06:23	16°♎45'25	45°56'50	
	-9837 Feb 15 j 16:25	0°♏		
desc. node	-9837 Mar 04 j 22:02	18°♏12'39		
	-9837 Mar 15 j 14:56	0°♐		
	-9837 Apr 10 j 19:47	0°♑		
	-9837 May 06 j 00:25	0°♒		
	-9837 May 30 j 12:48	0°♓		
	-9837 Jun 23 j 14:17	0°♈		
asc. node	-9837 Jun 24 j 13:00	1°♈11'18		
greatest brilliancy	-9837 Jul 05 j 14:13	15°♈06'01	-3.9m	
	-9837 Jul 17 j 09:19	0°♉		
morning set	-9837 Jul 29 j 23:48	15°♉57'23		
	-9837 Aug 10 j 02:00	0°♊		
	-9837 Sep 02 j 20:00	0°♋		
superior conj	-9837 Sep 09 j 12:05	8°♋23'30	1°09'19	
minimum elong	-9837 Sep 09 j 23:07	8°♋58'10	1°09'37	
max. Earth dist.	-9837 Sep 16 j 12:29	17°♋12'03	1.71228 AU	
	-9837 Sep 26 j 17:48	0°♌		
desc. node	-9837 Oct 15 j 08:33	23°♌11'15		
	-9837 Oct 20 j 20:18	0°♍		
evening rise	-9837 Oct 22 j 19:57	2°♍27'40		
	-9837 Nov 14 j 03:06	0°♎		
	-9837 Dec 08 j 13:50	0°♏		
	-9836 Jan 02 j 05:38	0°♐		
	-9836 Jan 27 j 06:04	0°♑		
asc. node	-9836 Feb 04 j 01:55	9°♑15'16		
	-9836 Feb 21 j 21:13	0°♒		
	-9836 Mar 19 j 13:39	0°♓		
	-9836 Apr 17 j 11:52	0°♈		
evening max el	-9836 Apr 17 j 23:16	0°♈27'29	46°06'03	
desc. node	-9836 May 27 j 04:50	29°♈15'00		
greatest brilliancy	-9836 May 27 j 22:28	29°♈30'23	-4.8m	
	-9836 May 29 j 12:18	0°♉		
retrograde	-9836 Jun 06 j 14:28	1°♉12'09		
	-9836 Jun 14 j 10:36	30°℞♈		
evening set	-9836 Jun 22 j 05:49	26°♈36'20		
inferior conj	-9836 Jun 27 j 09:32	23°♈37'23	-6°47'02	
minimum elong	-9836 Jun 26 j 23:08	23°♈52'54	6°44'48	
min. Earth dist.	-9836 Jun 27 j 03:30	23°♈46'23	0.26595 AU	
morning rise	-9836 Jul 01 j 16:17	21°♈07'11		
direct	-9836 Jul 17 j 21:41	16°♈05'49		
greatest brilliancy	-9836 Jul 28 j 12:51	18°♈12'31	-4.9m	
	-9836 Aug 16 j 14:03	0°♉		
morning max el	-9836 Sep 06 j 12:18	19°♉24'47	46°41'45	
asc. node	-9836 Sep 16 j 01:00	29°♉26'23		
	-9836 Sep 16 j 13:28	0°♊		
	-9836 Oct 13 j 04:02	0°♋		
	-9836 Nov 07 j 15:53	0°♌		
	-9836 Dec 02 j 20:12	0°♍		
	-9836 Dec 27 j 22:15	0°♎		
desc. node	-9835 Jan 06 j 22:46	12°♎01'01		
	-9835 Jan 21 j 21:43	0°♏		
	-9835 Feb 15 j 16:40	0°♐		
morning set	-9835 Mar 09 j 14:28	26°♐45'25		
	-9835 Mar 12 j 05:52	0°♑		
	-9835 Apr 05 j 13:33	0°♒		
max. Earth dist.	-9835 Apr 09 j 06:28	4°♒35'36	1.72789 AU	
superior conj	-9835 Apr 13 j 18:07	10°♒09'37	-0°33'16	
minimum elong	-9835 Apr 14 j 00:00	10°♒27'53	0°33'29	
asc. node	-9835 Apr 28 j 12:14	28°♒30'58		
	-9835 Apr 29 j 16:49	0°♓		
evening rise	-9835 May 19 j 14:08	24°♓50'19		
	-9835 May 23 j 17:11	0°♈		
	-9835 Jun 16 j 16:21	0°♉		
	-9835 Jul 10 j 16:21	0°♊		
	-9835 Aug 03 j 19:36	0°♋		
desc. node	-9835 Aug 19 j 10:16	19°♋15'14		
	-9835 Aug 28 j 04:46	0°♌		
	-9835 Sep 21 j 23:29	0°♍		
	-9835 Oct 17 j 11:22	0°♎		
	-9835 Nov 13 j 13:55	0°♏		
evening max el	-9835 Nov 22 j 18:38	9°♏22'47	45°33'31	
asc. node	-9835 Dec 09 j 07:06	24°♏28'38		
	-9835 Dec 16 j 11:27	0°♐		
greatest brilliancy	-9835 Dec 30 j 15:45	7°♐59'00	-4.7m	
retrograde	-9834 Jan 10 j 17:09	10°♐13'41		
evening set	-9834 Jan 28 j 06:40	4°♐21'01		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

inferior conj	-9834 Feb 01 j 04:49	1°♐54'04	8°03'29	
minimum elong	-9834 Feb 01 j 03:27	1°♐56'13	8°03'00	
min. Earth dist.	-9834 Feb 01 j 14:06	1°♐39'17	0.29624 AU	
	-9834 Feb 04 j 05:04	30°℞♏		
morning rise	-9834 Feb 05 j 00:09	29°♏30'38		
direct	-9834 Feb 23 j 03:04	23°♏20'41		
greatest brilliancy	-9834 Mar 05 j 05:38	25°♏09'46	-4.7m	
	-9834 Mar 15 j 09:02	0°♐		
desc. node	-9834 Apr 01 j 09:36	12°♐32'47		
morning max el	-9834 Apr 13 j 06:41	23°♐20'36	46°07'59	
	-9834 Apr 20 j 01:04	0°♑		
	-9834 May 17 j 23:11	0°♒		
	-9834 Jun 12 j 17:37	0°♓		
	-9834 Jul 07 j 10:29	0°♈		
asc. node	-9834 Jul 22 j 02:21	18°♈10'34		
	-9834 Jul 31 j 13:25	0°♉		
	-9834 Aug 24 j 10:06	0°♊		
	-9834 Sep 17 j 06:13	0°♋		
	-9834 Oct 11 j 05:31	0°♌		
morning set	-9834 Oct 15 j 18:54	5°♌40'42		
	-9834 Nov 04 j 09:20	0°♍		
desc. node	-9834 Nov 11 j 21:46	9°♍17'29		
superior conj	-9834 Nov 26 j 11:01	27°♍14'00	-0°32'02	
minimum elong	-9834 Nov 26 j 03:49	26°♍51'51	0°31'36	
	-9834 Nov 28 j 16:58	0°♎		
max. Earth dist.	-9834 Nov 29 j 06:11	0°♎40'42	1.73098 AU	
	-9834 Dec 23 j 02:45	0°♏		
evening rise	-9833 Jan 04 j 02:57	14°♏44'16		
	-9833 Jan 16 j 13:39	0°♐		
	-9833 Feb 10 j 02:07	0°♑		
asc. node	-9833 Mar 03 j 13:21	26°♑08'02		
	-9833 Mar 06 j 17:53	0°♒		
	-9833 Mar 31 j 15:01	0°♓		
	-9833 Apr 25 j 19:59	0°♈		
	-9833 May 21 j 13:41	0°♉		
	-9833 Jun 17 j 10:10	0°♊		
desc. node	-9833 Jun 24 j 15:05	7°♊39'06		
evening max el	-9833 Jul 01 j 14:14	14°♊47'53	47°41'52	
	-9833 Jul 17 j 16:58	0°♋		
greatest brilliancy	-9833 Aug 12 j 07:33	16°♋37'19	-4.9m	
retrograde	-9833 Aug 21 j 14:51	18°♋18'00		
evening set	-9833 Sep 07 j 09:04	12°♋44'43		
inferior conj	-9833 Sep 11 j 08:19	10°♋18'34	-7°07'58	
minimum elong	-9833 Sep 11 j 18:10	10°♋03'14	7°05'32	
min. Earth dist.	-9833 Sep 10 j 22:20	10°♋34'07	0.26842 AU	
morning rise	-9833 Sep 16 j 03:32	7°♋24'18		
direct	-9833 Oct 01 j 13:14	2°♋36'34		
greatest brilliancy	-9833 Oct 11 j 06:15	4°♋25'36	-4.9m	
asc. node	-9833 Oct 14 j 12:10	5°♋44'52		
	-9833 Nov 15 j 10:54	0°♌		
morning max el	-9833 Nov 20 j 09:22	4°♌48'06	46°16'33	
	-9833 Dec 14 j 11:27	0°♍		
	-9832 Jan 10 j 09:01	0°♎		
desc. node	-9832 Feb 04 j 11:45	28°♎55'02		
	-9832 Feb 05 j 10:03	0°♏		
	-9832 Mar 01 j 21:08	0°♐		
	-9832 Mar 26 j 20:07	0°♑		
	-9832 Apr 20 j 08:36	0°♒		
	-9832 May 14 j 12:39	0°♓		
morning set	-9832 May 15 j 06:07	0°♓54'31		
asc. node	-9832 May 26 j 01:35	14°♓26'19		
	-9832 Jun 07 j 10:46	0°♈		
max. Earth dist.	-9832 Jun 19 j 13:37	15°♈16'17	1.71061 AU	
superior conj	-9832 Jun 21 j 13:50	17°♈48'23	0°56'27	
minimum elong	-9832 Jun 21 j 04:17	17°♈18'18	0°56'14	
	-9832 Jul 01 j 05:35	0°♉		
	-9832 Jul 24 j 23:48	0°♊		
evening rise	-9832 Jul 31 j 04:03	7°♊47'18		
	-9832 Aug 17 j 20:03	0°♋		
	-9832 Sep 10 j 20:18	0°♌		
desc. node	-9832 Sep 15 j 22:08	6°♌18'29		
	-9832 Oct 05 j 01:51	0°♍		
	-9832 Oct 29 j 13:55	0°♎		
	-9832 Nov 23 j 11:33	0°♏		
	-9832 Dec 19 j 02:42	0°♐		
asc. node	-9831 Jan 05 j 17:20	19°♐44'19		
	-9831 Jan 15 j 06:47	0°♑		
evening max el	-9831 Feb 01 j 21:32	17°♑41'34	44°54'41	
	-9831 Feb 15 j 20:01	0°♒		
greatest brilliancy	-9831 Mar 11 j 15:25	14°♒31'55	-4.7m	
retrograde	-9831 Mar 21 j 20:31	16°♒21'25		
evening set	-9831 Apr 06 j 08:13	11°♒53'14		
inferior conj	-9831 Apr 12 j 01:17	8°♒33'35	3°46'01	
minimum elong	-9831 Apr 12 j 08:46	8°♒22'16	3°43'37	
min. Earth dist.	-9831 Apr 13 j 05:47	7°♒50'26	0.28182 AU	
morning rise	-9831 Apr 18 j 08:25	4°♒53'06		
desc. node	-9831 Apr 28 j 20:34	0°♒54'09		
direct	-9831 May 03 j 17:18	0°♒26'20		
greatest brilliancy	-9831 May 15 j 07:59	2°♒51'59	-4.8m	
	-9831 Jun 20 j 11:29	0°♓		
morning max el	-9831 Jun 22 j 21:53	2°♓24'40	46°35'34	
	-9831 Jul 18 j 13:25	0°♈		
	-9831 Aug 13 j 03:48	0°♉		
asc. node	-9831 Aug 18 j 15:09	6°♉36'00		
	-9831 Sep 06 j 19:03	0°♊		
	-9831 Oct 01 j 02:02	0°♋		
	-9831 Oct 25 j 08:41	0°♌		
	-9831 Nov 18 j 18:27	0°♍		
desc. node	-9831 Dec 09 j 11:22	25°♍19'33		
	-9831 Dec 13 j 07:12	0°♎		
morning set	-9831 Dec 29 j 05:53	19°♎28'07		
	-9830 Jan 06 j 20:48	0°♏		
	-9830 Jan 31 j 09:04	0°♐		
max. Earth dist.	-9830 Feb 02 j 07:06	2°♐21'09	1.73796 AU	
superior conj	-9830 Feb 04 j 13:02	5°♐06'32	-1°21'02	
minimum elong	-9830 Feb 04 j 13:20	5°♐07'28	1°21'32	
	-9830 Feb 24 j 19:08	0°♑		
evening rise	-9830 Mar 11 j 23:12	18°♑40'54		
	-9830 Mar 21 j 03:33	0°♒		
asc. node	-9830 Mar 31 j 01:33	12°♒13'37		
	-9830 Apr 14 j 11:27	0°♓		
	-9830 May 08 j 20:00	0°♈		
	-9830 Jun 02 j 06:29	0°♉		
	-9830 Jun 26 j 21:21	0°♊		
	-9830 Jul 21 j 21:25	0°♋		
desc. node	-9830 Jul 22 j 01:21	0°♋11'40		
	-9830 Aug 16 j 16:51	0°♌		
evening max el	-9830 Sep 11 j 01:38	27°♌30'34	47°18'03	
	-9830 Sep 13 j 12:38	0°♍		
greatest brilliancy	-9830 Oct 21 j 04:34	29°♍05'52	-4.9m	
	-9830 Oct 23 j 17:38	0°♎		
retrograde	-9830 Nov 01 j 00:45	1°♎20'39		
	-9830 Nov 09 j 00:11	30°℞♍		
asc. node	-9830 Nov 10 j 22:55	29°♍16'10		
evening set	-9830 Nov 15 j 22:20	26°♍47'29		
min. Earth dist.	-9830 Nov 21 j 07:32	23°♍27'26	0.28356 AU	
inferior conj	-9830 Nov 22 j 02:13	22°♍57'14	2°35'39	
minimum elong	-9830 Nov 21 j 21:05	23°♍05'32	2°34'21	
morning rise	-9830 Nov 27 j 20:49	19°♍22'33		
direct	-9830 Dec 13 j 04:04	14°♍44'06		
greatest brilliancy	-9830 Dec 21 j 23:55	16°♍11'20	-4.8m	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9829 Jan 14 j 07:40	0°♎	
morning max el	-9829 Jan 30 j 21:09	14°♎33'13	45°56'59
	-9829 Feb 15 j 10:37	0°♏	
desc. node	-9829 Mar 04 j 00:15	17°♏36'42	
	-9829 Mar 15 j 05:14	0°♐	
	-9829 Apr 10 j 08:28	0°♑	
	-9829 May 05 j 12:18	0°♒	
	-9829 May 30 j 00:17	0°♓	
	-9829 Jun 23 j 01:34	0°♈	
asc. node	-9829 Jun 23 j 15:07	0°♈42'33	
greatest brilliancy	-9829 Jul 05 j 13:09	15°♈43'00	-3.9m
	-9829 Jul 16 j 20:29	0°♉	
morning set	-9829 Jul 27 j 10:46	13°♉24'47	
	-9829 Aug 09 j 13:10	0°♊	
	-9829 Sep 02 j 07:10	0°♋	
superior conj	-9829 Sep 06 j 20:28	5°♋43'53	1°11'27
minimum elong	-9829 Sep 07 j 07:00	6°♋16'59	1°11'48
max. Earth dist.	-9829 Sep 13 j 16:47	14°♋19'59	1.71171 AU
	-9829 Sep 26 j 05:00	0°♌	
desc. node	-9829 Oct 14 j 10:46	22°♌43'23	
evening rise	-9829 Oct 20 j 05:06	29°♌52'34	
	-9829 Oct 20 j 07:29	0°♍	
	-9829 Nov 13 j 14:18	0°♎	
	-9829 Dec 08 j 01:06	0°♏	
	-9828 Jan 01 j 17:13	0°♐	
	-9828 Jan 26 j 18:20	0°♑	
asc. node	-9828 Feb 03 j 04:06	8°♑44'46	
	-9828 Feb 21 j 10:51	0°♒	
	-9828 Mar 19 j 06:09	0°♓	
evening max el	-9828 Apr 15 j 11:19	28°♓03'14	46°02'16
	-9828 Apr 17 j 12:18	0°♈	
greatest brilliancy	-9828 May 25 j 09:53	27°♈02'27	-4.8m
desc. node	-9828 May 26 j 07:06	27°♈19'39	
retrograde	-9828 Jun 04 j 01:44	28°♈44'23	
evening set	-9828 Jun 19 j 13:50	24°♈13'34	
inferior conj	-9828 Jun 24 j 21:24	21°♈09'58	-6°30'53
minimum elong	-9828 Jun 24 j 10:53	21°♈25'37	6°28'32
min. Earth dist.	-9828 Jun 24 j 16:36	21°♈17'07	0.26615 AU
morning rise	-9828 Jun 29 j 07:41	18°♈34'59	
direct	-9828 Jul 15 j 09:37	13°♈37'36	
greatest brilliancy	-9828 Jul 26 j 03:22	15°♈46'24	-4.9m
	-9828 Aug 17 j 02:41	0°♉	
morning max el	-9828 Sep 04 j 00:36	16°♉54'48	46°42'17
asc. node	-9828 Sep 15 j 03:20	28°♉39'27	
	-9828 Sep 16 j 08:56	0°♊	
	-9828 Oct 12 j 19:23	0°♋	
	-9828 Nov 07 j 05:25	0°♌	
	-9828 Dec 02 j 08:40	0°♍	
	-9828 Dec 27 j 10:02	0°♎	
desc. node	-9827 Jan 06 j 00:44	11°♎32'11	
	-9827 Jan 21 j 09:00	0°♏	
	-9827 Feb 15 j 03:36	0°♐	
morning set	-9827 Mar 07 j 09:55	24°♐44'46	
	-9827 Mar 11 j 16:39	0°♑	
	-9827 Apr 05 j 00:17	0°♒	
max. Earth dist.	-9827 Apr 07 j 04:27	2°♒41'36	1.72847 AU
superior conj	-9827 Apr 11 j 13:30	8°♒07'26	-0°35'56
minimum elong	-9827 Apr 11 j 19:45	8°♒26'48	0°36'11
asc. node	-9827 Apr 27 j 14:30	28°♒04'17	
	-9827 Apr 29 j 03:39	0°♓	
evening rise	-9827 May 17 j 08:00	22°♓41'52	
	-9827 May 23 j 04:12	0°♈	
	-9827 Jun 16 j 03:37	0°♉	
	-9827 Jul 10 j 03:55	0°♊	
	-9827 Aug 03 j 07:31	0°♋	
desc. node	-9827 Aug 18 j 12:30	18°♋44'42	
	-9827 Aug 27 j 17:09	0°♌	
	-9827 Sep 21 j 12:39	0°♍	
	-9827 Oct 17 j 02:07	0°♎	
	-9827 Nov 13 j 08:47	0°♏	
evening max el	-9827 Nov 20 j 10:31	7°♏10'34	45°36'37
asc. node	-9827 Dec 08 j 09:19	23°♏28'06	
	-9827 Dec 17 j 06:48	0°♐	
greatest brilliancy	-9827 Dec 28 j 07:58	5°♐51'55	-4.7m
retrograde	-9826 Jan 08 j 11:12	8°♐08'29	
evening set	-9826 Jan 25 j 22:58	2°♐16'36	
inferior conj	-9826 Jan 29 j 22:13	29°♏47'54	8°01'59
minimum elong	-9826 Jan 29 j 20:13	29°♏51'05	8°01'28
	-9826 Jan 29 j 14:36	30°℞♏	
min. Earth dist.	-9826 Jan 30 j 05:53	29°♏35'43	0.29626 AU
morning rise	-9826 Feb 02 j 17:25	27°♏24'47	
direct	-9826 Feb 20 j 20:11	21°♏14'26	
greatest brilliancy	-9826 Mar 02 j 20:50	23°♏02'15	-4.7m
	-9826 Mar 16 j 10:28	0°♐	
desc. node	-9826 Mar 31 j 11:49	11°♐37'31	
morning max el	-9826 Apr 11 j 00:01	21°♐14'15	46°07'14
	-9826 Apr 19 j 20:33	0°♑	
	-9826 May 17 j 14:01	0°♒	
	-9826 Jun 12 j 06:41	0°♓	
	-9826 Jul 06 j 22:43	0°♈	
asc. node	-9826 Jul 21 j 04:26	17°♈39'43	
	-9826 Jul 31 j 01:14	0°♉	
	-9826 Aug 23 j 21:40	0°♊	
	-9826 Sep 16 j 17:37	0°♋	
	-9826 Oct 10 j 16:44	0°♌	
morning set	-9826 Oct 13 j 04:53	3°♌07'24	
	-9826 Nov 03 j 20:25	0°♍	
desc. node	-9826 Nov 10 j 23:54	8°♍49'53	
superior conj	-9826 Nov 23 j 23:28	24°♍50'40	-0°28'44
minimum elong	-9826 Nov 23 j 16:51	24°♍30'16	0°28'19
max. Earth dist.	-9826 Nov 26 j 23:08	28°♍31'17	1.73048 AU
	-9826 Nov 28 j 03:57	0°♎	
	-9826 Dec 22 j 13:42	0°♏	
evening rise	-9825 Jan 01 j 19:50	12°♏35'16	
	-9825 Jan 16 j 00:39	0°♐	
	-9825 Feb 09 j 13:18	0°♑	
asc. node	-9825 Mar 02 j 15:40	25°♑40'15	
	-9825 Mar 06 j 05:26	0°♒	
	-9825 Mar 31 j 03:15	0°♓	
	-9825 Apr 25 j 09:21	0°♈	
	-9825 May 21 j 05:02	0°♉	
	-9825 Jun 17 j 05:39	0°♊	
desc. node	-9825 Jun 23 j 17:08	6°♊49'10	
evening max el	-9825 Jun 29 j 05:07	12°♊25'58	47°39'57
	-9825 Jul 18 j 03:42	0°♋	
greatest brilliancy	-9825 Aug 09 j 20:35	14°♋08'18	-4.9m
retrograde	-9825 Aug 19 j 04:36	15°♋49'07	
evening set	-9825 Sep 05 j 01:15	10°♋11'38	
inferior conj	-9825 Sep 08 j 21:17	7°♋50'26	-7°21'50
minimum elong	-9825 Sep 09 j 06:55	7°♋35'29	7°19'33
min. Earth dist.	-9825 Sep 08 j 10:57	8°♋06'30	0.26815 AU
morning rise	-9825 Sep 13 j 12:51	5°♋01'55	
direct	-9825 Sep 29 j 02:34	0°♋09'30	
greatest brilliancy	-9825 Oct 08 j 18:55	1°♋58'23	-4.9m
asc. node	-9825 Oct 13 j 14:26	4°♋02'40	
	-9825 Nov 15 j 11:39	0°♌	
morning max el	-9825 Nov 18 j 00:09	2°♌28'44	46°17'30
	-9825 Dec 14 j 04:16	0°♍	
	-9824 Jan 09 j 23:01	0°♎	
desc. node	-9824 Feb 03 j 13:57	28°♎24'34	
	-9824 Feb 04 j 22:39	0°♏	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9824 Mar 01 j 08:56	0°♐	
	-9824 Mar 26 j 07:27	0°♑	
	-9824 Apr 19 j 19:40	0°♒	
morning set	-9824 May 12 j 23:54	28°♒46'01	
	-9824 May 13 j 23:37	0°♓	
asc. node	-9824 May 25 j 03:42	13°♓58'36	
	-9824 Jun 06 j 21:45	0°♈	
max. Earth dist.	-9824 Jun 16 j 20:50	12°♈33'01	1.71106 AU
superior conj	-9824 Jun 19 j 04:36	15°♈28'51	0°53'52
minimum elong	-9824 Jun 18 j 19:16	14°♈59'25	0°53'37
	-9824 Jun 30 j 16:39	0°♉	
	-9824 Jul 24 j 11:01	0°♊	
evening rise	-9824 Jul 28 j 14:12	5°♊12'36	
	-9824 Aug 17 j 07:23	0°♋	
	-9824 Sep 10 j 07:49	0°♌	
desc. node	-9824 Sep 15 j 00:22	5°♌49'33	
	-9824 Oct 04 j 13:35	0°♍	
	-9824 Oct 29 j 01:59	0°♎	
	-9824 Nov 23 j 00:17	0°♏	
	-9824 Dec 18 j 16:53	0°♐	
asc. node	-9823 Jan 04 j 19:33	19°♐06'27	
	-9823 Jan 15 j 00:38	0°♑	
evening max el	-9823 Jan 30 j 12:37	15°♑29'10	44°54'06
	-9823 Feb 16 j 05:40	0°♒	
greatest brilliancy	-9823 Mar 09 j 06:07	12°♒19'39	-4.7m
retrograde	-9823 Mar 19 j 10:19	14°♒08'36	
evening set	-9823 Apr 04 j 01:13	9°♒37'04	
inferior conj	-9823 Apr 09 j 16:06	6°♒19'59	4°03'39
minimum elong	-9823 Apr 09 j 23:58	6°♒08'02	4°01'12
min. Earth dist.	-9823 Apr 10 j 21:17	5°♒35'39	0.28254 AU
morning rise	-9823 Apr 15 j 21:47	2°♒40'38	
	-9823 Apr 21 j 16:59	30°℞♑	
desc. node	-9823 Apr 27 j 22:45	28°♑24'56	
direct	-9823 May 01 j 08:40	28°♑11'20	
	-9823 May 11 j 08:28	0°♒	
greatest brilliancy	-9823 May 12 j 23:02	0°♒36'00	-4.8m
	-9823 Jun 20 j 10:29	0°♓	
morning max el	-9823 Jun 20 j 11:46	0°♓03'11	46°34'51
	-9823 Jul 18 j 05:46	0°♈	
	-9823 Aug 12 j 17:49	0°♉	
asc. node	-9823 Aug 17 j 17:30	6°♉01'36	
	-9823 Sep 06 j 07:57	0°♊	
	-9823 Sep 30 j 14:18	0°♋	
	-9823 Oct 24 j 20:32	0°♌	
	-9823 Nov 18 j 06:00	0°♍	
desc. node	-9823 Dec 08 j 13:22	24°♍51'06	
	-9823 Dec 12 j 18:29	0°♎	
morning set	-9823 Dec 26 j 21:03	17°♎13'57	
	-9822 Jan 06 j 07:52	0°♏	
	-9822 Jan 30 j 20:00	0°♐	
max. Earth dist.	-9822 Jan 31 j 03:43	0°♐23'39	1.73800 AU
superior conj	-9822 Feb 02 j 07:34	3°♐02'37	-1°21'03
minimum elong	-9822 Feb 02 j 07:15	3°♐01'38	1°21'32
	-9822 Feb 24 j 06:05	0°♑	
evening rise	-9822 Mar 09 j 18:48	16°♑39'23	
	-9822 Mar 20 j 14:39	0°♒	
asc. node	-9822 Mar 30 j 03:49	11°♒46'05	
	-9822 Apr 13 j 22:51	0°♓	
	-9822 May 08 j 07:48	0°♈	
	-9822 Jun 01 j 18:49	0°♉	
	-9822 Jun 26 j 10:25	0°♊	
desc. node	-9822 Jul 21 j 03:39	29°♊36'15	
	-9822 Jul 21 j 11:41	0°♋	
	-9822 Aug 16 j 09:27	0°♌	
evening max el	-9822 Sep 08 j 16:32	25°♌10'23	47°20'52
	-9822 Sep 13 j 11:46	0°♍	
greatest brilliancy	-9822 Oct 18 j 23:13	26°♍52'53	-4.9m
retrograde	-9822 Oct 29 j 17:00	29°♍05'41	
asc. node	-9822 Nov 10 j 01:09	26°♍24'19	
evening set	-9822 Nov 13 j 14:22	24°♍33'35	
min. Earth dist.	-9822 Nov 19 j 00:20	21°♍12'35	0.28291 AU
inferior conj	-9822 Nov 19 j 18:38	20°♍42'59	2°16'45
minimum elong	-9822 Nov 19 j 14:05	20°♍50'21	2°15'37
morning rise	-9822 Nov 25 j 14:42	17°♍05'59	
direct	-9822 Dec 10 j 19:05	12°♍30'53	
greatest brilliancy	-9822 Dec 19 j 16:13	13°♍58'50	-4.8m
	-9821 Jan 14 j 16:16	0°♎	
morning max el	-9821 Jan 28 j 11:53	12°♎19'55	45°57'10
	-9821 Feb 15 j 04:43	0°♏	
desc. node	-9821 Mar 03 j 02:30	17°♏00'16	
	-9821 Mar 14 j 19:39	0°♐	
	-9821 Apr 09 j 21:18	0°♑	
	-9821 May 05 j 00:22	0°♒	
	-9821 May 29 j 11:58	0°♓	
asc. node	-9821 Jun 22 j 17:12	0°♈13'04	
	-9821 Jun 22 j 13:02	0°♈	
greatest brilliancy	-9821 Jul 05 j 08:43	16°♈08'41	-3.9m
	-9821 Jul 16 j 07:52	0°♉	
morning set	-9821 Jul 24 j 22:10	10°♉52'51	
	-9821 Aug 09 j 00:30	0°♊	
	-9821 Sep 01 j 18:30	0°♋	
superior conj	-9821 Sep 04 j 05:19	3°♋05'09	1°13'25
minimum elong	-9821 Sep 04 j 15:15	3°♋36'25	1°13'46
max. Earth dist.	-9821 Sep 10 j 18:56	11°♋20'35	1.71113 AU
	-9821 Sep 25 j 16:19	0°♌	
desc. node	-9821 Oct 13 j 12:52	22°♌14'51	
evening rise	-9821 Oct 17 j 14:25	27°♌17'32	
	-9821 Oct 19 j 18:49	0°♍	
	-9821 Nov 13 j 01:39	0°♎	
	-9821 Dec 07 j 12:37	0°♏	
	-9820 Jan 01 j 05:06	0°♐	
	-9820 Jan 26 j 06:58	0°♑	
asc. node	-9820 Feb 02 j 06:27	8°♑13'41	
	-9820 Feb 21 j 00:57	0°♒	
	-9820 Mar 18 j 23:20	0°♓	
evening max el	-9820 Apr 12 j 23:46	25°♓39'18	45°58'40
	-9820 Apr 17 j 14:23	0°♈	
greatest brilliancy	-9820 May 22 j 20:38	24°♈32'59	-4.8m
desc. node	-9820 May 25 j 09:13	25°♈18'23	
retrograde	-9820 Jun 01 j 13:25	26°♈15'48	
evening set	-9820 Jun 16 j 21:56	21°♈49'24	
inferior conj	-9820 Jun 22 j 09:09	18°♈41'26	-6°13'55
minimum elong	-9820 Jun 21 j 22:37	18°♈57'03	6°11'28
min. Earth dist.	-9820 Jun 22 j 05:24	18°♈47'00	0.26638 AU
morning rise	-9820 Jun 26 j 23:01	16°♈01'50	
direct	-9820 Jul 12 j 22:02	11°♈08'11	
greatest brilliancy	-9820 Jul 23 j 17:34	13°♈18'55	-4.9m
	-9820 Aug 17 j 12:32	0°♉	
morning max el	-9820 Sep 01 j 13:58	14°♉26'43	46°42'59
asc. node	-9820 Sep 14 j 05:31	27°♉51'57	
	-9820 Sep 16 j 04:10	0°♊	
	-9820 Oct 12 j 10:46	0°♋	
	-9820 Nov 06 j 19:02	0°♌	
	-9820 Dec 01 j 21:17	0°♍	
	-9820 Dec 26 j 21:58	0°♎	
desc. node	-9819 Jan 05 j 02:57	11°♎03'28	
	-9819 Jan 20 j 20:30	0°♏	
	-9819 Feb 14 j 14:51	0°♐	
morning set	-9819 Mar 05 j 05:11	22°♐42'35	
	-9819 Mar 11 j 03:45	0°♑	
	-9819 Apr 04 j 11:21	0°♒	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

max. Earth dist.	-9819 Apr 05 j 02:08	0°♒45'48	1.72901 AU	
superior conj	-9819 Apr 09 j 08:43	6°♒03'45	-0°38'36	
minimum elong	-9819 Apr 09 j 15:17	6°♒24'07	0°38'49	
asc. node	-9819 Apr 26 j 16:35	27°♒36'07		
	-9819 Apr 28 j 14:47	0°♓		
evening rise	-9819 May 15 j 01:48	20°♓32'18		
	-9819 May 22 j 15:31	0°♈		
	-9819 Jun 15 j 15:12	0°♉		
	-9819 Jul 09 j 15:50	0°♊		
	-9819 Aug 02 j 19:48	0°♋		
desc. node	-9819 Aug 17 j 14:46	18°♋13'10		
	-9819 Aug 27 j 05:54	0°♌		
	-9819 Sep 21 j 02:11	0°♍		
	-9819 Oct 16 j 17:16	0°♎		
	-9819 Nov 13 j 04:23	0°♏		
evening max el	-9819 Nov 18 j 03:15	4°♏59'55	45°39'48	
asc. node	-9819 Dec 07 j 11:31	22°♏25'39		
	-9819 Dec 18 j 09:43	0°♐		
greatest brilliancy	-9819 Dec 26 j 00:23	3°♐44'49	-4.7m	
retrograde	-9818 Jan 06 j 05:25	6°♐02'55		
evening set	-9818 Jan 23 j 15:19	0°♐12'16		
	-9818 Jan 23 j 23:25	30°℞♏		
inferior conj	-9818 Jan 27 j 15:48	27°♏41'25	7°59'52	
minimum elong	-9818 Jan 27 j 13:11	27°♏45'34	7°59'18	
min. Earth dist.	-9818 Jan 27 j 21:39	27°♏32'05	0.29627 AU	
morning rise	-9818 Jan 31 j 11:04	25°♏18'09		
direct	-9818 Feb 18 j 13:53	19°♏07'59		
greatest brilliancy	-9818 Feb 28 j 11:47	20°♏53'54	-4.7m	
	-9818 Mar 17 j 05:34	0°♐		
desc. node	-9818 Mar 30 j 13:58	10°♐42'19		
morning max el	-9818 Apr 08 j 17:38	19°♐07'45	46°06'19	
	-9818 Apr 19 j 15:55	0°♑		
	-9818 May 17 j 05:04	0°♒		
	-9818 Jun 11 j 20:02	0°♓		
	-9818 Jul 06 j 11:13	0°♈		
asc. node	-9818 Jul 20 j 06:46	17°♈08'48		
	-9818 Jul 30 j 13:18	0°♉		
	-9818 Aug 23 j 09:30	0°♊		
	-9818 Sep 16 j 05:17	0°♋		
	-9818 Oct 10 j 04:16	0°♌		
morning set	-9818 Oct 10 j 14:56	0°♌33'16		
	-9818 Nov 03 j 07:48	0°♍		
desc. node	-9818 Nov 10 j 01:57	8°♍21'13		
superior conj	-9818 Nov 21 j 11:56	22°♍26'28	-0°25'23	
minimum elong	-9818 Nov 21 j 05:57	22°♍08'01	0°24'59	
max. Earth dist.	-9818 Nov 24 j 17:54	26°♍26'40	1.72992 AU	
	-9818 Nov 27 j 15:12	0°♎		
	-9818 Dec 22 j 00:52	0°♏		
evening rise	-9818 Dec 30 j 12:55	10°♏26'14		
	-9817 Jan 15 j 11:51	0°♐		
	-9817 Feb 09 j 00:43	0°♑		
asc. node	-9817 Mar 01 j 17:52	25°♑11'17		
	-9817 Mar 05 j 17:17	0°♒		
	-9817 Mar 30 j 15:51	0°♓		
	-9817 Apr 24 j 23:11	0°♈		
	-9817 May 20 j 20:57	0°♉		
	-9817 Jun 17 j 02:02	0°♊		
desc. node	-9817 Jun 22 j 19:28	5°♊58'05		
evening max el	-9817 Jun 26 j 20:15	10°♊03'46	47°37'56	
	-9817 Jul 18 j 18:24	0°♋		
greatest brilliancy	-9817 Aug 07 j 09:48	11°♋38'47	-4.9m	
retrograde	-9817 Aug 16 j 18:09	13°♋19'12		
evening set	-9817 Sep 02 j 17:27	7°♋37'54		
inferior conj	-9817 Sep 06 j 10:16	5°♋21'30	-7°34'55	
minimum elong	-9817 Sep 06 j 19:35	5°♋07'00	7°32'46	
min. Earth dist.	-9817 Sep 05 j 23:43	5°♋37'55	0.26787 AU	
morning rise	-9817 Sep 10 j 22:01	2°♋38'39		
	-9817 Sep 16 j 03:13	30°℞♊		
direct	-9817 Sep 26 j 15:50	27°♊41'44		
greatest brilliancy	-9817 Oct 06 j 07:44	29°♊30'16	-4.9m	
	-9817 Oct 07 j 15:05	0°♋		
asc. node	-9817 Oct 12 j 16:41	2°♋23'23		
	-9817 Nov 15 j 11:35	0°♌		
morning max el	-9817 Nov 15 j 14:26	0°♌07'03	46°18'31	
	-9817 Dec 13 j 21:03	0°♍		
	-9816 Jan 09 j 13:06	0°♎		
desc. node	-9816 Feb 02 j 16:10	27°♎53'45		
	-9816 Feb 04 j 11:21	0°♏		
	-9816 Feb 29 j 20:51	0°♐		
	-9816 Mar 25 j 18:55	0°♑		
	-9816 Apr 19 j 06:55	0°♒		
morning set	-9816 May 10 j 17:47	26°♒37'08		
	-9816 May 13 j 10:49	0°♓		
asc. node	-9816 May 24 j 05:53	13°♓30'16		
	-9816 Jun 06 j 09:00	0°♈		
max. Earth dist.	-9816 Jun 14 j 03:11	9°♈46'17	1.71157 AU	
superior conj	-9816 Jun 16 j 19:29	13°♈08'53	0°51'12	
minimum elong	-9816 Jun 16 j 10:24	12°♈40'15	0°50'54	
	-9816 Jun 30 j 03:59	0°♉		
	-9816 Jul 23 j 22:27	0°♊		
evening rise	-9816 Jul 26 j 00:26	2°♊37'28		
	-9816 Aug 16 j 18:58	0°♋		
	-9816 Sep 09 j 19:33	0°♌		
desc. node	-9816 Sep 14 j 02:26	5°♌19'29		
	-9816 Oct 04 j 01:33	0°♍		
	-9816 Oct 28 j 14:18	0°♎		
	-9816 Nov 22 j 13:17	0°♏		
	-9816 Dec 18 j 07:21	0°♐		
asc. node	-9815 Jan 03 j 22:00	18°♐28'33		
	-9815 Jan 14 j 18:59	0°♑		
evening max el	-9815 Jan 28 j 03:06	13°♑15'18	44°53'46	
	-9815 Feb 16 j 18:32	0°♒		
greatest brilliancy	-9815 Mar 06 j 20:58	10°♒08'11	-4.7m	
retrograde	-9815 Mar 17 j 00:28	11°♒57'09		
evening set	-9815 Apr 01 j 18:38	7°♒21'46		
inferior conj	-9815 Apr 07 j 07:21	4°♒07'31	4°20'35	
minimum elong	-9815 Apr 07 j 15:32	3°♒55'02	4°18'05	
min. Earth dist.	-9815 Apr 08 j 13:16	3°♒21'58	0.28330 AU	
morning rise	-9815 Apr 13 j 11:27	0°♒29'36		
	-9815 Apr 14 j 09:38	30°℞♑		
desc. node	-9815 Apr 27 j 00:55	26°♑01'45		
direct	-9815 Apr 29 j 00:07	25°♑57'16		
greatest brilliancy	-9815 May 10 j 15:04	28°♑21'47	-4.8m	
	-9815 May 14 j 07:02	0°♒		
morning max el	-9815 Jun 18 j 01:56	27°♒42'10	46°33'56	
	-9815 Jun 20 j 08:45	0°♓		
	-9815 Jul 17 j 22:04	0°♈		
	-9815 Aug 12 j 07:56	0°♉		
asc. node	-9815 Aug 16 j 19:40	5°♉26'07		
	-9815 Sep 05 j 20:58	0°♊		
	-9815 Sep 30 j 02:40	0°♋		
	-9815 Oct 24 j 08:29	0°♌		
	-9815 Nov 17 j 17:37	0°♍		
desc. node	-9815 Dec 07 j 15:33	24°♍22'56		
	-9815 Dec 12 j 05:51	0°♎		
morning set	-9815 Dec 24 j 12:10	14°♎59'13		
	-9814 Jan 05 j 19:01	0°♏		
max. Earth dist.	-9814 Jan 28 j 23:25	28°♏23'08	1.73799 AU	
	-9814 Jan 30 j 07:01	0°♐		
superior conj	-9814 Jan 31 j 02:19	0°♐59'09	-1°20'57	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

minimum elong	-9814 Jan 31 j 01:22	0°♐56'16	1°21'26
	-9814 Feb 23 j 17:04	0°♑	
evening rise	-9814 Mar 07 j 14:44	14°♑39'01	
	-9814 Mar 20 j 01:45	0°♒	
asc. node	-9814 Mar 29 j 05:58	11°♒18'18	
	-9814 Apr 13 j 10:14	0°♓	
	-9814 May 07 j 19:36	0°♈	
	-9814 Jun 01 j 07:13	0°♉	
	-9814 Jun 25 j 23:39	0°♊	
desc. node	-9814 Jul 20 j 05:54	29°♊00'01	
	-9814 Jul 21 j 02:14	0°♋	
	-9814 Aug 16 j 02:33	0°♌	
evening max el	-9814 Sep 06 j 07:09	22°♌48'50	47°23'43
	-9814 Sep 13 j 12:11	0°♍	
greatest brilliancy	-9814 Oct 16 j 17:25	24°♍38'29	-4.9m
retrograde	-9814 Oct 27 j 09:11	26°♍49'57	
asc. node	-9814 Nov 09 j 03:23	23°♍27'12	
evening set	-9814 Nov 11 j 06:20	22°♍18'24	
min. Earth dist.	-9814 Nov 16 j 16:58	18°♍56'51	0.28224 AU
inferior conj	-9814 Nov 17 j 10:53	18°♍27'53	1°57'30
minimum elong	-9814 Nov 17 j 06:56	18°♍34'17	1°56'32
morning rise	-9814 Nov 23 j 08:21	14°♍48'55	
direct	-9814 Dec 08 j 09:48	10°♍16'41	
greatest brilliancy	-9814 Dec 17 j 08:30	11°♍45'49	-4.8m
	-9813 Jan 14 j 22:32	0°♎	
morning max el	-9813 Jan 26 j 03:18	10°♎08'06	45°57'33
	-9813 Feb 14 j 22:23	0°♏	
desc. node	-9813 Mar 02 j 04:32	16°♏23'42	
	-9813 Mar 14 j 09:51	0°♐	
	-9813 Apr 09 j 09:59	0°♑	
	-9813 May 04 j 12:17	0°♒	
	-9813 May 28 j 23:29	0°♓	
asc. node	-9813 Jun 21 j 19:31	29°♓44'45	
	-9813 Jun 22 j 00:23	0°♈	
greatest brilliancy	-9813 Jul 04 j 23:07	16°♈18'30	-3.9m
	-9813 Jul 15 j 19:09	0°♉	
morning set	-9813 Jul 22 j 09:44	8°♉21'46	
	-9813 Aug 08 j 11:48	0°♊	
	-9813 Sep 01 j 05:50	0°♋	
superior conj	-9813 Sep 01 j 13:48	0°♋25'06	1°15'13
minimum elong	-9813 Sep 01 j 23:02	0°♋54'10	1°15'36
max. Earth dist.	-9813 Sep 07 j 19:11	8°♋15'01	1.71066 AU
	-9813 Sep 25 j 03:40	0°♌	
desc. node	-9813 Oct 12 j 14:59	21°♌46'14	
evening rise	-9813 Oct 14 j 23:00	24°♌40'05	
	-9813 Oct 19 j 06:09	0°♍	
	-9813 Nov 12 j 13:01	0°♎	
	-9813 Dec 07 j 00:08	0°♏	
	-9813 Dec 31 j 16:58	0°♐	
	-9812 Jan 25 j 19:35	0°♑	
asc. node	-9812 Feb 01 j 08:39	7°♑42'15	
	-9812 Feb 20 j 15:03	0°♒	
	-9812 Mar 18 j 16:39	0°♓	
evening max el	-9812 Apr 10 j 13:29	23°♓19'38	45°55'19
	-9812 Apr 17 j 17:31	0°♈	
greatest brilliancy	-9812 May 20 j 07:05	22°♈05'09	-4.8m
desc. node	-9812 May 24 j 11:31	23°♈14'05	
retrograde	-9812 May 30 j 01:52	23°♈49'23	
evening set	-9812 Jun 14 j 06:41	19°♈27'11	
inferior conj	-9812 Jun 19 j 21:14	16°♈14'57	-5°56'19
minimum elong	-9812 Jun 19 j 10:47	16°♈30'25	5°53'50
min. Earth dist.	-9812 Jun 19 j 18:07	16°♈19'34	0.26663 AU
morning rise	-9812 Jun 24 j 14:37	13°♈30'53	
direct	-9812 Jul 10 j 11:21	8°♈41'07	
greatest brilliancy	-9812 Jul 21 j 07:25	10°♈52'50	-4.9m
	-9812 Aug 17 j 19:18	0°♉	
morning max el	-9812 Aug 30 j 04:03	12°♉01'26	46°43'12
asc. node	-9812 Sep 13 j 07:43	27°♉05'49	
	-9812 Sep 15 j 22:42	0°♊	
	-9812 Oct 12 j 01:51	0°♋	
	-9812 Nov 06 j 08:30	0°♌	
	-9812 Dec 01 j 09:46	0°♍	
	-9812 Dec 26 j 09:48	0°♎	
desc. node	-9811 Jan 04 j 05:08	10°♎34'59	
	-9811 Jan 20 j 07:53	0°♏	
	-9811 Feb 14 j 01:56	0°♐	
morning set	-9811 Mar 03 j 00:19	20°♐40'36	
	-9811 Mar 10 j 14:40	0°♑	
max. Earth dist.	-9811 Apr 02 j 22:42	28°♑47'06	1.72950 AU
	-9811 Apr 03 j 22:15	0°♒	
superior conj	-9811 Apr 07 j 04:04	4°♒01'07	-0°41'11
minimum elong	-9811 Apr 07 j 10:55	4°♒22'21	0°41'25
asc. node	-9811 Apr 25 j 18:49	27°♒09'02	
	-9811 Apr 28 j 01:44	0°♓	
evening rise	-9811 May 12 j 19:55	18°♓24'32	
	-9811 May 22 j 02:36	0°♈	
	-9811 Jun 15 j 02:31	0°♉	
	-9811 Jul 09 j 03:27	0°♊	
	-9811 Aug 02 j 07:48	0°♋	
desc. node	-9811 Aug 16 j 16:51	17°♋41'52	
	-9811 Aug 26 j 18:26	0°♌	
	-9811 Sep 20 j 15:37	0°♍	
	-9811 Oct 16 j 08:31	0°♎	
	-9811 Nov 13 j 00:33	0°♏	
evening max el	-9811 Nov 15 j 20:12	2°♏49'42	45°42'56
asc. node	-9811 Dec 06 j 13:56	21°♏21'56	
	-9811 Dec 20 j 00:54	0°♐	
greatest brilliancy	-9811 Dec 23 j 17:16	1°♐37'52	-4.7m
retrograde	-9810 Jan 03 j 23:08	3°♐56'34	
	-9810 Jan 18 j 00:48	30°℞♏	
evening set	-9810 Jan 21 j 07:16	28°♏07'52	
inferior conj	-9810 Jan 25 j 09:08	25°♏34'28	7°57'03
minimum elong	-9810 Jan 25 j 05:55	25°♏39'35	7°56'27
min. Earth dist.	-9810 Jan 25 j 13:16	25°♏27'51	0.29620 AU
morning rise	-9810 Jan 29 j 04:39	23°♏10'37	
direct	-9810 Feb 16 j 07:24	17°♏01'20	
greatest brilliancy	-9810 Feb 26 j 02:17	18°♏44'57	-4.7m
	-9810 Mar 17 j 19:46	0°♐	
desc. node	-9810 Mar 29 j 16:11	9°♐48'45	
morning max el	-9810 Apr 06 j 10:16	16°♐59'32	46°05'29
	-9810 Apr 19 j 10:32	0°♑	
	-9810 May 16 j 19:40	0°♒	
	-9810 Jun 11 j 09:00	0°♓	
	-9810 Jul 05 j 23:23	0°♈	
asc. node	-9810 Jul 19 j 08:53	16°♈38'21	
	-9810 Jul 30 j 01:02	0°♉	
	-9810 Aug 22 j 20:59	0°♊	
	-9810 Sep 15 j 16:35	0°♋	
morning set	-9810 Oct 08 j 01:07	28°♋00'29	
	-9810 Oct 09 j 15:26	0°♌	
	-9810 Nov 02 j 18:52	0°♍	
desc. node	-9810 Nov 09 j 04:10	7°♍53'56	
superior conj	-9810 Nov 18 j 23:57	20°♍01'32	-0°21'58
minimum elong	-9810 Nov 18 j 18:42	19°♍45'18	0°21'33
max. Earth dist.	-9810 Nov 22 j 13:14	24°♍24'22	1.72941 AU
	-9810 Nov 27 j 02:13	0°♎	
	-9810 Dec 21 j 11:51	0°♏	
evening rise	-9810 Dec 28 j 05:21	8°♏15'44	
	-9809 Jan 14 j 22:53	0°♐	
	-9809 Feb 08 j 11:56	0°♑	
asc. node	-9809 Feb 28 j 20:02	24°♑42'48	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9809 Mar 05 j 04:57	0°♒	
	-9809 Mar 30 j 04:17	0°♓	
	-9809 Apr 24 j 12:53	0°♈	
	-9809 May 20 j 12:49	0°♉	
	-9809 Jun 16 j 22:43	0°♊	
desc. node	-9809 Jun 21 j 21:45	5°♊06'54	
evening max el	-9809 Jun 24 j 10:51	7°♊41'12	47°35'49
	-9809 Jul 19 j 13:09	0°♋	
greatest brilliancy	-9809 Aug 04 j 23:34	9°♋11'15	-4.9m
retrograde	-9809 Aug 14 j 07:13	10°♋50'33	
evening set	-9809 Aug 31 j 09:38	5°♋05'55	
inferior conj	-9809 Sep 03 j 23:19	2°♋54'11	-7°46'59
minimum elong	-9809 Sep 04 j 08:15	2°♋40'17	7°45'01
min. Earth dist.	-9809 Sep 03 j 12:48	3°♋10'32	0.26757 AU
morning rise	-9809 Sep 08 j 07:10	0°♋16'56	
	-9809 Sep 08 j 19:01	30°℞♊	
direct	-9809 Sep 24 j 04:47	25°♊15'33	
greatest brilliancy	-9809 Oct 03 j 21:02	27°♊04'07	-4.9m
	-9809 Oct 10 j 07:49	0°♋	
asc. node	-9809 Oct 11 j 18:56	0°♋49'10	
morning max el	-9809 Nov 13 j 03:39	27°♋43'43	46°19'21
	-9809 Nov 15 j 10:02	0°♌	
	-9809 Dec 13 j 13:10	0°♍	
	-9808 Jan 09 j 02:48	0°♎	
desc. node	-9808 Feb 01 j 18:10	27°♎23'03	
	-9808 Feb 03 j 23:47	0°♏	
	-9808 Feb 29 j 08:32	0°♐	
	-9808 Mar 25 j 06:10	0°♑	
	-9808 Apr 18 j 17:55	0°♒	
morning set	-9808 May 08 j 11:27	24°♒28'27	
	-9808 May 12 j 21:45	0°♓	
asc. node	-9808 May 23 j 08:07	13°♓03'01	
	-9808 Jun 05 j 19:58	0°♈	
max. Earth dist.	-9808 Jun 11 j 12:25	7°♈09'31	1.71211 AU
superior conj	-9808 Jun 14 j 10:21	10°♈49'49	0°48'26
minimum elong	-9808 Jun 14 j 01:33	10°♈22'07	0°48'08
	-9808 Jun 29 j 15:04	0°♉	
evening rise	-9808 Jul 23 j 11:00	0°♊04'16	
	-9808 Jul 23 j 09:39	0°♊	
	-9808 Aug 16 j 06:16	0°♋	
	-9808 Sep 09 j 06:59	0°♌	
desc. node	-9808 Sep 13 j 04:39	4°♌50'48	
	-9808 Oct 03 j 13:10	0°♍	
	-9808 Oct 28 j 02:17	0°♎	
	-9808 Nov 22 j 01:59	0°♏	
	-9808 Dec 17 j 21:41	0°♐	
asc. node	-9807 Jan 03 j 00:07	17°♐50'02	
	-9807 Jan 14 j 13:35	0°♑	
evening max el	-9807 Jan 25 j 16:59	11°♑00'28	44°53'26
	-9807 Feb 17 j 11:38	0°♒	
greatest brilliancy	-9807 Mar 04 j 11:14	7°♒56'13	-4.7m
retrograde	-9807 Mar 14 j 14:55	9°♒45'53	
evening set	-9807 Mar 30 j 11:54	5°♒06'14	
inferior conj	-9807 Apr 04 j 22:25	1°♒55'01	4°37'04
minimum elong	-9807 Apr 05 j 06:54	1°♒42'05	4°34'33
min. Earth dist.	-9807 Apr 06 j 05:00	1°♒08'25	0.28407 AU
	-9807 Apr 08 j 02:26	30°℞♑	
morning rise	-9807 Apr 11 j 00:50	28°♑19'03	
desc. node	-9807 Apr 26 j 03:11	23°♑43'25	
direct	-9807 Apr 26 j 15:20	23°♑43'07	
greatest brilliancy	-9807 May 08 j 07:14	26°♑08'12	-4.8m
	-9807 May 16 j 01:31	0°♒	
morning max el	-9807 Jun 15 j 16:26	25°♒22'43	46°33'07
	-9807 Jun 20 j 06:00	0°♓	
	-9807 Jul 17 j 13:51	0°♈	
	-9807 Aug 11 j 21:40	0°♉	
asc. node	-9807 Aug 15 j 21:46	4°♉51'28	
	-9807 Sep 05 j 09:39	0°♊	
	-9807 Sep 29 j 14:44	0°♋	
	-9807 Oct 23 j 20:08	0°♌	
	-9807 Nov 17 j 04:56	0°♍	
desc. node	-9807 Dec 06 j 17:43	23°♍55'39	
	-9807 Dec 11 j 16:54	0°♎	
morning set	-9807 Dec 22 j 03:16	12°♎45'13	
	-9806 Jan 05 j 05:52	0°♏	
max. Earth dist.	-9806 Jan 26 j 19:33	26°♏24'41	1.73804 AU
superior conj	-9806 Jan 28 j 20:56	28°♏56'04	-1°20'45
minimum elong	-9806 Jan 28 j 19:23	28°♏51'19	1°21'13
	-9806 Jan 29 j 17:47	0°♐	
	-9806 Feb 23 j 03:53	0°♑	
evening rise	-9806 Mar 05 j 10:28	12°♑38'35	
	-9806 Mar 19 j 12:44	0°♒	
asc. node	-9806 Mar 28 j 08:11	10°♒51'05	
	-9806 Apr 12 j 21:30	0°♓	
	-9806 May 07 j 07:18	0°♈	
	-9806 May 31 j 19:30	0°♉	
	-9806 Jun 25 j 12:48	0°♊	
desc. node	-9806 Jul 19 j 07:58	28°♊23'31	
	-9806 Jul 20 j 16:46	0°♋	
	-9806 Aug 15 j 19:47	0°♌	
evening max el	-9806 Sep 03 j 22:14	20°♌29'02	47°26'34
	-9806 Sep 13 j 13:34	0°♍	
greatest brilliancy	-9806 Oct 14 j 11:07	22°♍23'49	-4.9m
retrograde	-9806 Oct 25 j 01:45	24°♍34'42	
asc. node	-9806 Nov 08 j 05:44	20°♍26'36	
evening set	-9806 Nov 08 j 22:25	20°♍03'16	
min. Earth dist.	-9806 Nov 14 j 09:18	16°♍41'46	0.28156 AU
inferior conj	-9806 Nov 15 j 03:05	16°♍13'05	1°37'59
minimum elong	-9806 Nov 14 j 23:44	16°♍18'29	1°37'12
morning rise	-9806 Nov 21 j 01:53	12°♍32'35	
direct	-9806 Dec 06 j 00:41	8°♍02'48	
greatest brilliancy	-9806 Dec 15 j 00:25	9°♍33'02	-4.8m
	-9805 Jan 15 j 02:31	0°♎	
morning max el	-9805 Jan 23 j 19:26	7°♎58'43	45°57'54
	-9805 Feb 14 j 15:25	0°♏	
desc. node	-9805 Mar 01 j 06:47	15°♏48'32	
	-9805 Mar 13 j 23:45	0°♐	
	-9805 Apr 08 j 22:31	0°♑	
	-9805 May 04 j 00:08	0°♒	
	-9805 May 28 j 10:58	0°♓	
asc. node	-9805 Jun 20 j 21:37	29°♓15'51	
	-9805 Jun 21 j 11:40	0°♈	
greatest brilliancy	-9805 Jul 04 j 10:36	16°♈19'13	-3.9m
	-9805 Jul 15 j 06:22	0°♉	
morning set	-9805 Jul 19 j 21:20	5°♉51'04	
	-9805 Aug 07 j 23:00	0°♊	
superior conj	-9805 Aug 29 j 22:18	27°♊45'18	1°16'50
minimum elong	-9805 Aug 30 j 06:44	28°♊11'52	1°17'16
	-9805 Aug 31 j 17:04	0°♋	
max. Earth dist.	-9805 Sep 04 j 22:56	5°♋20'36	1.71020 AU
	-9805 Sep 24 j 14:55	0°♌	
desc. node	-9805 Oct 11 j 17:12	21°♌18'09	
evening rise	-9805 Oct 12 j 07:33	22°♌02'43	
	-9805 Oct 18 j 17:25	0°♍	
	-9805 Nov 12 j 00:19	0°♎	
	-9805 Dec 06 j 11:33	0°♏	
	-9805 Dec 31 j 04:46	0°♐	
	-9804 Jan 25 j 08:09	0°♑	
asc. node	-9804 Jan 31 j 10:52	7°♑11'05	
	-9804 Feb 20 j 05:12	0°♒	
	-9804 Mar 18 j 10:18	0°♓	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

evening max el	-9804 Apr 08 j 03:43	21°♓01'09	45°51'43	
	-9804 Apr 17 j 22:30	0°♈		
greatest brilliancy	-9804 May 17 j 17:22	19°♈36'40	-4.8m	
desc. node	-9804 May 23 j 13:45	21°♈03'37		
retrograde	-9804 May 27 j 14:04	21°♈21'51		
evening set	-9804 Jun 11 j 15:25	17°♈03'59		
inferior conj	-9804 Jun 17 j 09:03	13°♈47'31	-5°37'56	
minimum elong	-9804 Jun 16 j 22:46	14°♈02'44	5°35'25	
min. Earth dist.	-9804 Jun 17 j 06:36	13°♈51'08	0.26689 AU	
morning rise	-9804 Jun 22 j 05:54	10°♈58'53		
direct	-9804 Jul 08 j 00:41	6°♈13'15		
greatest brilliancy	-9804 Jul 18 j 20:40	8°♈25'10	-4.9m	
	-9804 Aug 18 j 00:14	0°♉		
morning max el	-9804 Aug 27 j 17:33	9°♉34'22	46°43'30	
asc. node	-9804 Sep 12 j 10:03	26°♉20'25		
	-9804 Sep 15 j 16:53	0°♊		
	-9804 Oct 11 j 16:46	0°♋		
	-9804 Nov 05 j 21:52	0°♌		
	-9804 Nov 30 j 22:12	0°♍		
	-9804 Dec 25 j 21:36	0°♎		
desc. node	-9803 Jan 03 j 07:07	10°♎05'54		
	-9803 Jan 19 j 19:14	0°♏		
	-9803 Feb 13 j 13:00	0°♐		
morning set	-9803 Feb 28 j 19:43	18°♐39'33		
	-9803 Mar 10 j 01:35	0°♑		
max. Earth dist.	-9803 Mar 31 j 18:45	26°♑46'57	1.73002 AU	
	-9803 Apr 03 j 09:08	0°♒		
superior conj	-9803 Apr 04 j 23:39	1°♒59'18	-0°43'41	
minimum elong	-9803 Apr 05 j 06:45	2°♒21'15	0°43'56	
asc. node	-9803 Apr 24 j 21:04	26°♒41'50		
	-9803 Apr 27 j 12:44	0°♓		
evening rise	-9803 May 10 j 14:09	16°♓16'52		
	-9803 May 21 j 13:50	0°♈		
	-9803 Jun 14 j 14:02	0°♉		
	-9803 Jul 08 j 15:18	0°♊		
	-9803 Aug 01 j 20:02	0°♋		
desc. node	-9803 Aug 15 j 19:05	17°♋10'22		
	-9803 Aug 26 j 07:12	0°♌		
	-9803 Sep 20 j 05:17	0°♍		
	-9803 Oct 16 j 00:05	0°♎		
	-9803 Nov 12 j 21:29	0°♏		
evening max el	-9803 Nov 13 j 12:41	0°♏37'53	45°46'09	
asc. node	-9803 Dec 05 j 16:07	20°♏15'58		
greatest brilliancy	-9803 Dec 21 j 11:03	29°♏31'52	-4.7m	
	-9803 Dec 22 j 17:13	0°♐		
retrograde	-9802 Jan 01 j 16:38	1°♐50'24		
	-9802 Jan 11 j 05:25	30°℞♏		
evening set	-9802 Jan 18 j 23:16	26°♏04'05		
inferior conj	-9802 Jan 23 j 02:42	23°♏27'53	7°53'41	
minimum elong	-9802 Jan 22 j 22:53	23°♏33'58	7°53'03	
min. Earth dist.	-9802 Jan 23 j 05:22	23°♏23'37	0.29606 AU	
morning rise	-9802 Jan 26 j 22:36	21°♏03'06		
direct	-9802 Feb 14 j 00:52	14°♏55'08		
greatest brilliancy	-9802 Feb 23 j 17:14	16°♏36'37	-4.7m	
	-9802 Mar 18 j 06:22	0°♐		
desc. node	-9802 Mar 28 j 18:24	8°♐56'11		
morning max el	-9802 Apr 04 j 02:06	14°♐49'25	46°04'40	
	-9802 Apr 19 j 04:44	0°♑		
	-9802 May 16 j 10:11	0°♒		
	-9802 Jun 10 j 22:01	0°♓		
	-9802 Jul 05 j 11:41	0°♈		
asc. node	-9802 Jul 18 j 10:59	16°♈07'11		
	-9802 Jul 29 j 12:59	0°♉		
	-9802 Aug 22 j 08:43	0°♊		
	-9802 Sep 15 j 04:10	0°♋		
morning set	-9802 Oct 05 j 10:53	25°♋25'22		
	-9802 Oct 09 j 02:52	0°♌		
	-9802 Nov 02 j 06:11	0°♍		
desc. node	-9802 Nov 08 j 06:17	7°♍25'35		
superior conj	-9802 Nov 16 j 11:39	17°♍34'53	-0°18'28	
minimum elong	-9802 Nov 16 j 07:10	17°♍21'01	0°18'04	
max. Earth dist.	-9802 Nov 20 j 09:01	22°♍22'45	1.72881 AU	
	-9802 Nov 26 j 13:26	0°♎		
	-9802 Dec 20 j 23:02	0°♏		
evening rise	-9802 Dec 25 j 21:41	6°♏04'13		
	-9801 Jan 14 j 10:06	0°♐		
	-9801 Feb 07 j 23:22	0°♑		
asc. node	-9801 Feb 27 j 22:20	24°♑14'08		
	-9801 Mar 04 j 16:49	0°♒		
	-9801 Mar 29 j 16:57	0°♓		
	-9801 Apr 24 j 02:50	0°♈		
	-9801 May 20 j 05:06	0°♉		
	-9801 Jun 16 j 20:22	0°♊		
desc. node	-9801 Jun 20 j 23:49	4°♊13'27		
evening max el	-9801 Jun 22 j 00:09	5°♊14'31	47°33'15	
	-9801 Jul 20 j 15:11	0°♋		
greatest brilliancy	-9801 Aug 02 j 13:24	6°♋42'01	-4.9m	
retrograde	-9801 Aug 11 j 19:21	8°♋19'54		
evening set	-9801 Aug 29 j 01:22	2°♋31'57		
min. Earth dist.	-9801 Sep 01 j 01:56	0°♋40'36	0.26734 AU	
inferior conj	-9801 Sep 01 j 12:05	0°♋24'50	-7°58'15	
minimum elong	-9801 Sep 01 j 20:32	0°♋11'42	7°56'28	
	-9801 Sep 02 j 04:05	30°℞♊		
morning rise	-9801 Sep 05 j 15:55	27°♊53'21		
direct	-9801 Sep 21 j 17:05	22°♊46'59		
greatest brilliancy	-9801 Oct 01 j 10:44	24°♊36'24	-4.9m	
asc. node	-9801 Oct 10 j 21:12	29°♊16'29		
	-9801 Oct 12 j 00:59	0°♋		
morning max el	-9801 Nov 10 j 16:08	25°♋16'49	46°20'26	
	-9801 Nov 15 j 08:11	0°♌		
	-9801 Dec 13 j 05:27	0°♍		
	-9800 Jan 08 j 16:42	0°♎		
desc. node	-9800 Jan 31 j 20:24	26°♎52'20		
	-9800 Feb 03 j 12:26	0°♏		
	-9800 Feb 28 j 20:26	0°♐		
	-9800 Mar 24 j 17:37	0°♑		
	-9800 Apr 18 j 05:09	0°♒		
morning set	-9800 May 06 j 05:40	22°♒20'50		
	-9800 May 12 j 08:55	0°♓		
asc. node	-9800 May 22 j 10:13	12°♓34'39		
	-9800 Jun 05 j 07:10	0°♈		
max. Earth dist.	-9800 Jun 09 j 01:30	4°♈44'17	1.71266 AU	
superior conj	-9800 Jun 12 j 01:50	8°♈32'04	0°45'38	
minimum elong	-9800 Jun 11 j 17:23	8°♈05'29	0°45'19	
	-9800 Jun 29 j 02:21	0°♉		
evening rise	-9800 Jul 20 j 22:14	27°♉32'28		
	-9800 Jul 22 j 21:04	0°♊		
	-9800 Aug 15 j 17:52	0°♋		
	-9800 Sep 08 j 18:47	0°♌		
desc. node	-9800 Sep 12 j 06:52	4°♌20'58		
	-9800 Oct 03 j 01:13	0°♍		
	-9800 Oct 27 j 14:43	0°♎		
	-9800 Nov 21 j 15:10	0°♏		
	-9800 Dec 17 j 12:33	0°♐		
asc. node	-9799 Jan 02 j 02:22	17°♐10'29		
	-9799 Jan 14 j 09:04	0°♑		
evening max el	-9799 Jan 23 j 07:12	8°♑45'43	44°53'27	
	-9799 Feb 18 j 11:11	0°♒		
greatest brilliancy	-9799 Mar 02 j 01:09	5°♒43'37	-4.7m	
retrograde	-9799 Mar 12 j 06:11	7°♒34'40		
evening set	-9799 Mar 28 j 05:28	2°♒50'36		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9799 Apr 02 j 02:07	30°♑		
inferior conj	-9799 Apr 02 j 13:42	29°♑42'23	4°52'55	
minimum elong	-9799 Apr 02 j 22:25	29°♑29'06	4°50'25	
min. Earth dist.	-9799 Apr 03 j 20:33	28°♑55'25	0.28481 AU	
morning rise	-9799 Apr 08 j 14:22	26°♑08'47		
direct	-9799 Apr 24 j 07:03	21°♑28'53		
desc. node	-9799 Apr 25 j 05:23	21°♑29'53		
greatest brilliancy	-9799 May 05 j 23:14	23°♑54'19	-4.8m	
	-9799 May 17 j 07:07	0°♒		
morning max el	-9799 Jun 13 j 08:08	23°♒05'58	46°32'24	
	-9799 Jun 20 j 02:45	0°♓		
	-9799 Jul 17 j 05:36	0°♈		
	-9799 Aug 11 j 11:29	0°♉		
asc. node	-9799 Aug 15 j 00:06	4°♉17'05		
	-9799 Sep 04 j 22:30	0°♊		
	-9799 Sep 29 j 03:03	0°♋		
	-9799 Oct 23 j 08:06	0°♌		
	-9799 Nov 16 j 16:37	0°♍		
desc. node	-9799 Dec 05 j 19:43	23°♍26'43		
	-9799 Dec 11 j 04:19	0°♎		
morning set	-9799 Dec 19 j 17:47	10°♎28'12		
	-9798 Jan 04 j 17:05	0°♏		
max. Earth dist.	-9798 Jan 24 j 16:37	24°♏28'07	1.73804 AU	
superior conj	-9798 Jan 26 j 15:09	26°♏50'44	-1°20'26	
minimum elong	-9798 Jan 26 j 12:58	26°♏44'04	1°20'52	
	-9798 Jan 29 j 04:53	0°♐		
	-9798 Feb 22 j 14:59	0°♑		
evening rise	-9798 Mar 03 j 06:07	10°♑37'05		
	-9798 Mar 18 j 24:00	0°♒		
asc. node	-9798 Mar 27 j 10:25	10°♒23'01		
	-9798 Apr 12 j 09:04	0°♓		
	-9798 May 06 j 19:18	0°♈		
	-9798 May 31 j 08:06	0°♉		
	-9798 Jun 25 j 02:16	0°♊		
desc. node	-9798 Jul 18 j 10:18	27°♊46'58		
	-9798 Jul 20 j 07:38	0°♋		
	-9798 Aug 15 j 13:33	0°♌		
evening max el	-9798 Sep 01 j 14:06	18°♌10'41	47°29'11	
	-9798 Sep 13 j 16:36	0°♍		
greatest brilliancy	-9798 Oct 12 j 04:05	20°♍07'13	-4.9m	
retrograde	-9798 Oct 22 j 18:34	22°♍18'02		
evening set	-9798 Nov 06 j 14:31	17°♍46'30		
asc. node	-9798 Nov 07 j 07:55	17°♍21'26		
min. Earth dist.	-9798 Nov 12 j 01:13	14°♍25'30	0.28093 AU	
inferior conj	-9798 Nov 12 j 19:07	13°♍56'43	1°18'03	
minimum elong	-9798 Nov 12 j 16:25	14°♍01'02	1°17'29	
morning rise	-9798 Nov 18 j 19:11	10°♍14'57		
direct	-9798 Dec 03 j 15:58	5°♍47'24		
greatest brilliancy	-9798 Dec 12 j 15:53	7°♍18'19	-4.8m	
	-9797 Jan 15 j 05:24	0°♎		
morning max el	-9797 Jan 21 j 12:05	5°♎49'22	45°58'14	
	-9797 Feb 14 j 08:31	0°♏		
desc. node	-9797 Feb 28 j 08:59	15°♏12'36		
	-9797 Mar 13 j 13:49	0°♐		
	-9797 Apr 08 j 11:12	0°♑		
	-9797 May 03 j 12:07	0°♒		
	-9797 May 27 j 22:36	0°♓		
asc. node	-9797 Jun 19 j 23:42	28°♓46'26		
	-9797 Jun 20 j 23:08	0°♈		
greatest brilliancy	-9797 Jul 03 j 19:26	16°♈11'03	-3.9m	
	-9797 Jul 14 j 17:45	0°♉		
morning set	-9797 Jul 17 j 09:24	3°♉21'20		
	-9797 Aug 07 j 10:23	0°♊		
superior conj	-9797 Aug 27 j 07:20	25°♊06'36	1°18'17	
minimum elong	-9797 Aug 27 j 14:55	25°♊30'30	1°18'44	
	-9797 Aug 31 j 04:27	0°♋		
max. Earth dist.	-9797 Sep 02 j 05:35	2°♋34'43	1.70974 AU	
	-9797 Sep 24 j 02:18	0°♌		
evening rise	-9797 Oct 09 j 16:15	19°♌25'18		
desc. node	-9797 Oct 10 j 19:18	20°♌49'21		
	-9797 Oct 18 j 04:48	0°♍		
	-9797 Nov 11 j 11:45	0°♎		
	-9797 Dec 05 j 23:11	0°♏		
	-9797 Dec 30 j 16:48	0°♐		
	-9796 Jan 24 j 21:01	0°♑		
asc. node	-9796 Jan 30 j 13:12	6°♑39'26		
	-9796 Feb 19 j 19:43	0°♒		
	-9796 Mar 18 j 04:34	0°♓		
evening max el	-9796 Apr 05 j 18:01	18°♓42'35	45°48'16	
	-9796 Apr 18 j 05:41	0°♈		
greatest brilliancy	-9796 May 15 j 04:19	17°♈09'07	-4.8m	
desc. node	-9796 May 22 j 15:53	18°♈47'46		
retrograde	-9796 May 25 j 01:56	18°♈54'25		
evening set	-9796 Jun 09 j 00:32	14°♈40'48		
inferior conj	-9796 Jun 14 j 20:58	11°♈20'19	-5°19'04	
minimum elong	-9796 Jun 14 j 10:57	11°♈35'11	5°16'32	
min. Earth dist.	-9796 Jun 14 j 19:28	11°♈22'34	0.26716 AU	
morning rise	-9796 Jun 19 j 21:09	8°♈27'03		
direct	-9796 Jul 05 j 13:59	3°♈45'38		
greatest brilliancy	-9796 Jul 16 j 10:04	5°♈57'31	-4.9m	
	-9796 Aug 18 j 03:34	0°♉		
morning max el	-9796 Aug 25 j 06:14	7°♉04'57	46°43'48	
asc. node	-9796 Sep 11 j 12:10	25°♉34'51		
	-9796 Sep 15 j 10:46	0°♊		
	-9796 Oct 11 j 07:35	0°♋		
	-9796 Nov 05 j 11:10	0°♌		
	-9796 Nov 30 j 10:36	0°♍		
	-9796 Dec 25 j 09:25	0°♎		
desc. node	-9795 Jan 02 j 09:20	9°♎37'30		
	-9795 Jan 19 j 06:39	0°♏		
	-9795 Feb 13 j 00:09	0°♐		
morning set	-9795 Feb 26 j 14:49	16°♐37'18		
	-9795 Mar 09 j 12:36	0°♑		
max. Earth dist.	-9795 Mar 29 j 13:14	24°♑41'45	1.73051 AU	
superior conj	-9795 Apr 02 j 19:04	29°♑56'48	-0°46'09	
minimum elong	-9795 Apr 03 j 02:22	0°♒19'23	0°46'24	
	-9795 Apr 02 j 20:06	0°♒		
asc. node	-9795 Apr 23 j 23:07	26°♒13'54		
	-9795 Apr 26 j 23:47	0°♓		
evening rise	-9795 May 08 j 08:17	14°♓08'55		
	-9795 May 21 j 01:05	0°♈		
	-9795 Jun 14 j 01:34	0°♉		
	-9795 Jul 08 j 03:10	0°♊		
	-9795 Aug 01 j 08:18	0°♋		
desc. node	-9795 Aug 14 j 21:19	16°♋38'45		
	-9795 Aug 25 j 20:01	0°♌		
	-9795 Sep 19 j 19:02	0°♍		
	-9795 Oct 15 j 15:48	0°♎		
evening max el	-9795 Nov 11 j 04:11	28°♎23'42	45°49'25	
	-9795 Nov 12 j 19:03	0°♏		
asc. node	-9795 Dec 04 j 18:20	19°♏08'39		
greatest brilliancy	-9795 Dec 19 j 05:06	27°♏26'18	-4.7m	
retrograde	-9795 Dec 30 j 09:51	29°♏44'29		
evening set	-9794 Jan 16 j 15:07	24°♏00'41		
inferior conj	-9794 Jan 20 j 20:17	21°♏21'34	7°49'44	
minimum elong	-9794 Jan 20 j 15:55	21°♏28'35	7°49'01	
min. Earth dist.	-9794 Jan 20 j 21:48	21°♏19'08	0.29593 AU	
morning rise	-9794 Jan 24 j 16:47	18°♏55'31		
direct	-9794 Feb 11 j 17:54	12°♏49'04		
greatest brilliancy	-9794 Feb 21 j 08:51	14°♏29'03	-4.7m	
	-9794 Mar 18 j 14:12	0°♐		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

desc. node	-9794 Mar 27 j 20:33	8°♐04'26		
morning max el	-9794 Apr 01 j 17:19	12°♐37'44	46°03'52	
	-9794 Apr 18 j 22:31	0°♑		
	-9794 May 16 j 00:32	0°♒		
	-9794 Jun 10 j 10:55	0°♓		
	-9794 Jul 04 j 23:52	0°♈		
asc. node	-9794 Jul 17 j 13:18	15°♈37'05		
	-9794 Jul 29 j 00:47	0°♉		
	-9794 Aug 21 j 20:18	0°♊		
	-9794 Sep 14 j 15:36	0°♋		
morning set	-9794 Oct 02 j 20:31	22°♋50'03		
	-9794 Oct 08 j 14:11	0°♌		
	-9794 Nov 01 j 17:23	0°♍		
desc. node	-9794 Nov 07 j 08:20	6°♍57'27		
superior conj	-9794 Nov 13 j 23:15	15°♍08'15	-0°14'55	
minimum elong	-9794 Nov 13 j 19:35	14°♍56'54	0°14'32	
behind sun begin	-9794 Nov 13 j 08:06	14°♍21'27		
behind sun end	-9794 Nov 14 j 07:04	15°♍32'21		
max. Earth dist.	-9794 Nov 18 j 03:26	20°♍17'18	1.72817 AU	
	-9794 Nov 26 j 00:31	0°♎		
	-9794 Dec 20 j 10:03	0°♏		
evening rise	-9794 Dec 23 j 13:54	3°♏52'50		
	-9793 Jan 13 j 21:10	0°♐		
	-9793 Feb 07 j 10:40	0°♑		
asc. node	-9793 Feb 27 j 00:32	23°♑45'27		
	-9793 Mar 04 j 04:37	0°♒		
	-9793 Mar 29 j 05:34	0°♓		
	-9793 Apr 23 j 16:50	0°♈		
	-9793 May 19 j 21:33	0°♉		
	-9793 Jun 16 j 18:38	0°♊		
evening max el	-9793 Jun 19 j 12:25	2°♊45'44	47°30'46	
desc. node	-9793 Jun 20 j 02:10	3°♊20'03		
	-9793 Jul 22 j 03:06	0°♋		
greatest brilliancy	-9793 Jul 31 j 03:09	4°♋13'17	-4.9m	
retrograde	-9793 Aug 09 j 07:30	5°♋50'04		
evening set	-9793 Aug 26 j 16:57	29°♊58'39		
	-9793 Aug 26 j 16:03	30°℞♊		
min. Earth dist.	-9793 Aug 29 j 15:03	28°♊11'19	0.26713 AU	
inferior conj	-9793 Aug 30 j 00:50	27°♊56'08	-8°08'37	
minimum elong	-9793 Aug 30 j 08:45	27°♊43'51	8°07'00	
morning rise	-9793 Sep 03 j 00:42	25°♊30'35		
direct	-9793 Sep 19 j 05:04	20°♊18'49		
greatest brilliancy	-9793 Sep 29 j 00:40	22°♊09'38	-4.9m	
asc. node	-9793 Oct 09 j 23:25	27°♊47'40		
	-9793 Oct 13 j 05:15	0°♋		
morning max el	-9793 Nov 08 j 05:01	22°♋51'20	46°21'32	
	-9793 Nov 15 j 05:18	0°♌		
	-9793 Dec 12 j 21:13	0°♍		
	-9792 Jan 08 j 06:14	0°♎		
desc. node	-9792 Jan 30 j 22:33	26°♎22'18		
	-9792 Feb 03 j 00:44	0°♏		
	-9792 Feb 28 j 08:02	0°♐		
	-9792 Mar 24 j 04:48	0°♑		
	-9792 Apr 17 j 16:09	0°♒		
morning set	-9792 May 03 j 23:50	20°♒13'49		
	-9792 May 11 j 19:53	0°♓		
asc. node	-9792 May 21 j 12:24	12°♓07'09		
	-9792 Jun 04 j 18:11	0°♈		
max. Earth dist.	-9792 Jun 06 j 15:17	2°♈21'50	1.71322 AU	
superior conj	-9792 Jun 09 j 17:11	6°♈14'27	0°42'46	
minimum elong	-9792 Jun 09 j 09:08	5°♈49'09	0°42'25	
	-9792 Jun 28 j 13:28	0°♉		
evening rise	-9792 Jul 18 j 09:26	25°♉01'12		
	-9792 Jul 22 j 08:18	0°♊		
	-9792 Aug 15 j 05:14	0°♋		
	-9792 Sep 08 j 06:20	0°♌		
desc. node	-9792 Sep 11 j 08:55	3°♌51'29		
	-9792 Oct 02 j 13:01	0°♍		
	-9792 Oct 27 j 02:55	0°♎		
	-9792 Nov 21 j 04:09	0°♏		
	-9792 Dec 17 j 03:18	0°♐		
asc. node	-9791 Jan 01 j 04:46	16°♐31'51		
	-9791 Jan 14 j 04:46	0°♑		
evening max el	-9791 Jan 20 j 22:16	6°♑34'02	44°53'40	
	-9791 Feb 19 j 19:09	0°♒		
greatest brilliancy	-9791 Feb 27 j 14:46	3°♒32'07	-4.7m	
retrograde	-9791 Mar 09 j 21:50	5°♒24'46		
evening set	-9791 Mar 25 j 23:11	0°♒36'23		
	-9791 Mar 27 j 01:05	30°℞♑		
inferior conj	-9791 Mar 31 j 05:04	27°♑31'03	5°08'13	
minimum elong	-9791 Mar 31 j 13:57	27°♑17'30	5°05'43	
min. Earth dist.	-9791 Apr 01 j 11:43	26°♑44'21	0.28557 AU	
morning rise	-9791 Apr 06 j 03:50	24°♑00'01		
direct	-9791 Apr 21 j 23:20	19°♑16'07		
desc. node	-9791 Apr 24 j 07:31	19°♑22'24		
greatest brilliancy	-9791 May 03 j 14:32	21°♑40'58	-4.8m	
	-9791 May 18 j 04:11	0°♒		
morning max el	-9791 Jun 11 j 00:32	20°♒52'01	46°31'25	
	-9791 Jun 19 j 22:35	0°♓		
	-9791 Jul 16 j 20:56	0°♈		
	-9791 Aug 11 j 00:59	0°♉		
asc. node	-9791 Aug 14 j 02:14	3°♉42'52		
	-9791 Sep 04 j 11:05	0°♊		
	-9791 Sep 28 j 15:04	0°♋		
	-9791 Oct 22 j 19:44	0°♌		
	-9791 Nov 16 j 03:57	0°♍		
desc. node	-9791 Dec 04 j 21:56	22°♍59'25		
	-9791 Dec 10 j 15:24	0°♎		
morning set	-9791 Dec 17 j 08:06	8°♎11'31		
	-9790 Jan 04 j 03:59	0°♏		
max. Earth dist.	-9790 Jan 22 j 14:46	22°♏35'44	1.73802 AU	
superior conj	-9790 Jan 24 j 09:17	24°♏46'03	-1°20'00	
minimum elong	-9790 Jan 24 j 06:29	24°♏37'27	1°20'24	
	-9790 Jan 28 j 15:40	0°♐		
	-9790 Feb 22 j 01:47	0°♑		
evening rise	-9790 Mar 01 j 01:52	8°♑36'53		
	-9790 Mar 18 j 10:57	0°♒		
asc. node	-9790 Mar 26 j 12:33	9°♒55'42		
	-9790 Apr 11 j 20:19	0°♓		
	-9790 May 06 j 07:00	0°♈		
	-9790 May 30 j 20:27	0°♉		
	-9790 Jun 24 j 15:34	0°♊		
desc. node	-9790 Jul 17 j 12:30	27°♊10'20		
	-9790 Jul 19 j 22:28	0°♋		
	-9790 Aug 15 j 07:30	0°♌		
evening max el	-9790 Aug 30 j 06:48	15°♌54'54	47°31'46	
	-9790 Sep 13 j 21:05	0°♍		
greatest brilliancy	-9790 Oct 09 j 20:54	17°♍50'47	-4.9m	
retrograde	-9790 Oct 20 j 11:26	20°♍01'20		
evening set	-9790 Nov 04 j 06:42	15°♍29'49		
asc. node	-9790 Nov 06 j 10:09	14°♍13'40		
min. Earth dist.	-9790 Nov 09 j 16:46	12°♍09'41	0.28026 AU	
inferior conj	-9790 Nov 10 j 10:58	11°♍40'27	0°57'49	
minimum elong	-9790 Nov 10 j 08:58	11°♍43'41	0°57'28	
morning rise	-9790 Nov 16 j 12:12	7°♍57'37		
direct	-9790 Dec 01 j 07:30	3°♍32'26		
greatest brilliancy	-9790 Dec 10 j 06:40	5°♍03'19	-4.8m	
	-9789 Jan 15 j 06:31	0°♎		
morning max el	-9789 Jan 19 j 04:33	3°♎40'26	45°58'30	
	-9789 Feb 14 j 00:57	0°♏		
desc. node	-9789 Feb 27 j 11:02	14°♏37'27		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9789 Mar 13 j 03:27	0°♐	
	-9789 Apr 07 j 23:32	0°♑	
	-9789 May 02 j 23:47	0°♒	
	-9789 May 27 j 09:54	0°♓	
asc. node	-9789 Jun 19 j 02:01	28°♓18'44	
	-9789 Jun 20 j 10:16	0°♈	
greatest brilliancy	-9789 Jul 03 j 01:47	15°♈55'57	-3.9m
	-9789 Jul 14 j 04:52	0°♉	
morning set	-9789 Jul 14 j 21:41	0°♉53'11	
	-9789 Aug 06 j 21:32	0°♊	
superior conj	-9789 Aug 24 j 16:15	22°♊28'09	1°19'33
minimum elong	-9789 Aug 24 j 22:53	22°♊49'04	1°20'01
max. Earth dist.	-9789 Aug 30 j 11:28	29°♊46'52	1.70933 AU
	-9789 Aug 30 j 15:38	0°♋	
	-9789 Sep 23 j 13:30	0°♌	
evening rise	-9789 Oct 07 j 00:13	16°♌46'00	
desc. node	-9789 Oct 09 j 21:25	20°♌21'08	
	-9789 Oct 17 j 16:00	0°♍	
	-9789 Nov 10 j 23:01	0°♎	
	-9789 Dec 05 j 10:37	0°♏	
	-9789 Dec 30 j 04:39	0°♐	
	-9788 Jan 24 j 09:43	0°♑	
asc. node	-9788 Jan 29 j 15:22	6°♑07'51	
	-9788 Feb 19 j 10:09	0°♒	
	-9788 Mar 17 j 22:59	0°♓	
evening max el	-9788 Apr 03 j 08:01	16°♓24'16	45°44'52
	-9788 Apr 18 j 14:57	0°♈	
greatest brilliancy	-9788 May 12 j 16:09	14°♈44'02	-4.8m
desc. node	-9788 May 21 j 18:12	16°♈28'01	
retrograde	-9788 May 22 j 13:30	16°♈28'45	
evening set	-9788 Jun 06 j 10:09	12°♈19'05	
inferior conj	-9788 Jun 12 j 09:09	8°♈55'04	-4°59'41
minimum elong	-9788 Jun 11 j 23:28	9°♈09'27	4°57'11
min. Earth dist.	-9788 Jun 12 j 08:57	8°♈55'22	0.26743 AU
morning rise	-9788 Jun 17 j 12:30	5°♈57'10	
direct	-9788 Jul 03 j 02:53	1°♈19'50	
greatest brilliancy	-9788 Jul 14 j 00:03	3°♈32'02	-4.9m
	-9788 Aug 18 j 05:02	0°♉	
morning max el	-9788 Aug 22 j 18:08	4°♉34'17	46°43'55
asc. node	-9788 Sep 10 j 14:25	24°♉50'53	
	-9788 Sep 15 j 04:02	0°♊	
	-9788 Oct 10 j 22:05	0°♋	
	-9788 Nov 05 j 00:16	0°♌	
	-9788 Nov 29 j 22:51	0°♍	
	-9788 Dec 24 j 21:04	0°♎	
desc. node	-9787 Jan 01 j 11:30	9°♎09'21	
	-9787 Jan 18 j 17:54	0°♏	
	-9787 Feb 12 j 11:08	0°♐	
morning set	-9787 Feb 24 j 09:49	14°♐35'16	
	-9787 Mar 08 j 23:26	0°♑	
max. Earth dist.	-9787 Mar 27 j 07:44	22°♑37'07	1.73102 AU
superior conj	-9787 Mar 31 j 14:39	27°♑55'21	-0°48'33
minimum elong	-9787 Mar 31 j 22:07	28°♑18'27	0°48'48
	-9787 Apr 02 j 06:56	0°♒	
asc. node	-9787 Apr 23 j 01:22	25°♒46'55	
	-9787 Apr 26 j 10:43	0°♓	
evening rise	-9787 May 06 j 02:47	12°♓02'34	
	-9787 May 20 j 12:13	0°♈	
	-9787 Jun 13 j 12:58	0°♉	
	-9787 Jul 07 j 14:52	0°♊	
	-9787 Jul 31 j 20:24	0°♋	
desc. node	-9787 Aug 13 j 23:25	16°♋07'08	
	-9787 Aug 25 j 08:43	0°♌	
	-9787 Sep 19 j 08:46	0°♍	
	-9787 Oct 15 j 07:43	0°♎	
evening max el	-9787 Nov 08 j 19:10	26°♎08'04	45°52'45
	-9787 Nov 12 j 17:28	0°♏	
asc. node	-9787 Dec 03 j 20:46	17°♏59'51	
greatest brilliancy	-9787 Dec 16 j 23:07	25°♏20'23	-4.7m
retrograde	-9787 Dec 28 j 03:10	27°♏38'37	
evening set	-9786 Jan 14 j 06:49	21°♏57'22	
inferior conj	-9786 Jan 18 j 13:55	19°♏15'15	7°45'02
minimum elong	-9786 Jan 18 j 09:00	19°♏23'09	7°44'15
min. Earth dist.	-9786 Jan 18 j 14:27	19°♏14'24	0.29576 AU
morning rise	-9786 Jan 22 j 11:14	16°♏47'43	
direct	-9786 Feb 09 j 10:27	10°♏42'56	
greatest brilliancy	-9786 Feb 19 j 00:55	12°♏22'06	-4.7m
	-9786 Mar 18 j 19:41	0°♐	
desc. node	-9786 Mar 26 j 22:46	7°♐14'03	
morning max el	-9786 Mar 30 j 08:38	10°♐26'34	46°03'10
	-9786 Apr 18 j 15:51	0°♑	
	-9786 May 15 j 14:40	0°♒	
	-9786 Jun 09 j 23:42	0°♓	
	-9786 Jul 04 j 11:58	0°♈	
asc. node	-9786 Jul 16 j 15:23	15°♈06'33	
	-9786 Jul 28 j 12:31	0°♉	
	-9786 Aug 21 j 07:48	0°♊	
	-9786 Sep 14 j 02:56	0°♋	
morning set	-9786 Sep 30 j 06:24	20°♋15'34	
	-9786 Oct 08 j 01:25	0°♌	
	-9786 Nov 01 j 04:33	0°♍	
desc. node	-9786 Nov 06 j 10:33	6°♍29'53	
superior conj	-9786 Nov 11 j 10:45	12°♍41'14	-0°11'19
minimum elong	-9786 Nov 11 j 07:56	12°♍32'34	0°10'57
behind sun begin	-9786 Nov 10 j 12:28	11°♍32'25	
behind sun end	-9786 Nov 12 j 03:25	13°♍32'42	
max. Earth dist.	-9786 Nov 15 j 19:40	18°♍05'01	1.72757 AU
	-9786 Nov 25 j 11:37	0°♎	
	-9786 Dec 19 j 21:07	0°♏	
evening rise	-9786 Dec 21 j 05:46	1°♏40'14	
	-9785 Jan 13 j 08:18	0°♐	
	-9785 Feb 06 j 22:02	0°♑	
asc. node	-9785 Feb 26 j 02:43	23°♑16'36	
	-9785 Mar 03 j 16:28	0°♒	
	-9785 Mar 28 j 18:19	0°♓	
	-9785 Apr 23 j 07:01	0°♈	
	-9785 May 19 j 14:22	0°♉	
	-9785 Jun 16 j 17:53	0°♊	
evening max el	-9785 Jun 17 j 00:45	0°♊17'10	47°28'13
desc. node	-9785 Jun 19 j 04:25	2°♊25'11	
	-9785 Jul 24 j 09:27	0°♋	
greatest brilliancy	-9785 Jul 28 j 16:35	1°♋44'03	-4.9m
retrograde	-9785 Aug 06 j 20:07	3°♋20'25	
	-9785 Aug 19 j 16:40	30°℞♊	
evening set	-9785 Aug 24 j 08:19	27°♊25'34	
min. Earth dist.	-9785 Aug 27 j 03:58	25°♊42'19	0.26692 AU
inferior conj	-9785 Aug 27 j 13:36	25°♊27'26	-8°17'55
minimum elong	-9785 Aug 27 j 20:55	25°♊16'06	8°16'29
morning rise	-9785 Aug 31 j 09:37	23°♊07'52	
direct	-9785 Sep 16 j 17:13	17°♊50'33	
greatest brilliancy	-9785 Sep 26 j 14:19	19°♊42'45	-4.9m
asc. node	-9785 Oct 09 j 01:41	26°♊22'10	
	-9785 Oct 14 j 01:49	0°♋	
morning max el	-9785 Nov 05 j 18:43	20°♋27'50	46°22'39
	-9785 Nov 15 j 01:42	0°♌	
	-9785 Dec 12 j 12:48	0°♍	
	-9784 Jan 07 j 19:45	0°♎	
desc. node	-9784 Jan 30 j 00:34	25°♎51'33	
	-9784 Feb 02 j 13:08	0°♏	
	-9784 Feb 27 j 19:45	0°♐	
	-9784 Mar 23 j 16:07	0°♑	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9784 Apr 17 j 03:17	0°♒	
morning set	-9784 May 01 j 18:08	18°♒06'58	
	-9784 May 11 j 06:58	0°♓	
asc. node	-9784 May 20 j 14:38	11°♓39'27	
max. Earth dist.	-9784 Jun 04 j 05:17	29°♓59'51	1.71378 AU
	-9784 Jun 04 j 05:20	0°♈	
superior conj	-9784 Jun 07 j 08:42	3°♈57'07	0°39'50
minimum elong	-9784 Jun 07 j 01:07	3°♈33'13	0°39'28
	-9784 Jun 28 j 00:43	0°♉	
evening rise	-9784 Jul 15 j 21:01	22°♉30'34	
	-9784 Jul 21 j 19:42	0°♊	
	-9784 Aug 14 j 16:48	0°♋	
	-9784 Sep 07 j 18:04	0°♌	
desc. node	-9784 Sep 10 j 11:09	3°♌21'59	
	-9784 Oct 02 j 00:58	0°♍	
	-9784 Oct 26 j 15:15	0°♎	
	-9784 Nov 20 j 17:19	0°♏	
	-9784 Dec 16 j 18:24	0°♐	
asc. node	-9784 Dec 31 j 06:54	15°♐51'36	
	-9783 Jan 14 j 01:19	0°♑	
evening max el	-9783 Jan 18 j 14:20	4°♑24'09	44°53'52
	-9783 Feb 21 j 19:29	0°♒	
greatest brilliancy	-9783 Feb 25 j 04:47	1°♒20'40	-4.7m
retrograde	-9783 Mar 07 j 13:33	3°♒14'25	
	-9783 Mar 20 j 13:43	30°℞♑	
evening set	-9783 Mar 23 j 17:07	28°♑22'00	
inferior conj	-9783 Mar 28 j 20:35	25°♑19'25	5°22'57
minimum elong	-9783 Mar 29 j 05:35	25°♑05'40	5°20'29
min. Earth dist.	-9783 Mar 30 j 02:50	24°♑33'15	0.28630 AU
morning rise	-9783 Apr 03 j 17:18	21°♑51'02	
direct	-9783 Apr 19 j 16:06	17°♑03'18	
desc. node	-9783 Apr 23 j 09:49	17°♑19'14	
greatest brilliancy	-9783 May 01 j 05:18	19°♑26'37	-4.8m
	-9783 May 18 j 20:10	0°♒	
morning max el	-9783 Jun 08 j 16:53	18°♒37'37	46°30'22
	-9783 Jun 19 j 18:05	0°♓	
	-9783 Jul 16 j 12:15	0°♈	
	-9783 Aug 10 j 14:36	0°♉	
asc. node	-9783 Aug 13 j 04:22	3°♉08'14	
	-9783 Sep 03 j 23:49	0°♊	
	-9783 Sep 28 j 03:17	0°♋	
	-9783 Oct 22 j 07:35	0°♌	
	-9783 Nov 15 j 15:30	0°♍	
desc. node	-9783 Dec 04 j 00:04	22°♍31'17	
	-9783 Dec 10 j 02:41	0°♎	
morning set	-9783 Dec 14 j 22:40	5°♎54'51	
	-9782 Jan 03 j 15:04	0°♏	
max. Earth dist.	-9782 Jan 20 j 14:23	20°♏47'09	1.73799 AU
superior conj	-9782 Jan 22 j 03:31	22°♏40'59	-1°19'27
minimum elong	-9782 Jan 22 j 00:07	22°♏30'32	1°19'51
	-9782 Jan 28 j 02:41	0°♐	
	-9782 Feb 21 j 12:51	0°♑	
evening rise	-9782 Feb 26 j 21:42	6°♑36'12	
greatest brilliancy	-9782 Feb 27 j 10:32	7°♑15'38	-3.9m
	-9782 Mar 17 j 22:11	0°♒	
asc. node	-9782 Mar 25 j 14:49	9°♒27'51	
	-9782 Apr 11 j 07:51	0°♓	
	-9782 May 05 j 19:00	0°♈	
	-9782 May 30 j 09:08	0°♉	
	-9782 Jun 24 j 05:14	0°♊	
desc. node	-9782 Jul 16 j 14:37	26°♊32'23	
	-9782 Jul 19 j 13:46	0°♋	
	-9782 Aug 15 j 02:11	0°♌	
evening max el	-9782 Aug 27 j 23:42	13°♌38'33	47°34'05
	-9782 Sep 14 j 04:01	0°♍	
greatest brilliancy	-9782 Oct 07 j 14:13	15°♍33'44	-4.9m
retrograde	-9782 Oct 18 j 04:05	17°♍43'08	
evening set	-9782 Nov 01 j 23:01	13°♍11'48	
asc. node	-9782 Nov 05 j 12:31	11°♍02'29	
min. Earth dist.	-9782 Nov 07 j 08:29	9°♍52'19	0.27956 AU
inferior conj	-9782 Nov 08 j 02:46	9°♍22'57	0°37'21
minimum elong	-9782 Nov 08 j 01:27	9°♍25'03	0°37'13
morning rise	-9782 Nov 14 j 04:58	5°♍39'03	
direct	-9782 Nov 28 j 22:59	1°♍16'26	
greatest brilliancy	-9782 Dec 07 j 21:25	2°♍47'02	-4.8m
	-9781 Jan 15 j 06:46	0°♎	
morning max el	-9781 Jan 16 j 20:19	1°♎28'57	45°58'54
	-9781 Feb 13 j 17:22	0°♏	
desc. node	-9781 Feb 26 j 13:17	14°♏02'26	
	-9781 Mar 12 j 17:14	0°♐	
	-9781 Apr 07 j 12:06	0°♑	
	-9781 May 02 j 11:43	0°♒	
	-9781 May 26 j 21:31	0°♓	
asc. node	-9781 Jun 18 j 04:07	27°♓49'20	
	-9781 Jun 19 j 21:43	0°♈	
greatest brilliancy	-9781 Jul 02 j 07:54	15°♈39'12	-3.9m
morning set	-9781 Jul 12 j 10:01	28°♈24'19	
	-9781 Jul 13 j 16:16	0°♉	
	-9781 Aug 06 j 08:57	0°♊	
superior conj	-9781 Aug 22 j 01:20	19°♊49'19	1°20'37
minimum elong	-9781 Aug 22 j 06:57	20°♊07'03	1°21'07
max. Earth dist.	-9781 Aug 27 j 15:54	26°♊53'34	1.70894 AU
	-9781 Aug 30 j 03:06	0°♋	
	-9781 Sep 23 j 00:59	0°♌	
evening rise	-9781 Oct 04 j 08:00	14°♌05'03	
desc. node	-9781 Oct 08 j 23:38	19°♌52'15	
	-9781 Oct 17 j 03:31	0°♍	
	-9781 Nov 10 j 10:37	0°♎	
	-9781 Dec 04 j 22:24	0°♏	
	-9781 Dec 29 j 16:50	0°♐	
	-9780 Jan 23 j 22:45	0°♑	
asc. node	-9780 Jan 28 j 17:38	5°♑35'41	
	-9780 Feb 19 j 01:00	0°♒	
	-9780 Mar 17 j 18:10	0°♓	
evening max el	-9780 Mar 31 j 21:09	14°♓03'11	45°41'24
	-9780 Apr 19 j 03:47	0°♈	
greatest brilliancy	-9780 May 10 j 04:23	12°♈18'36	-4.8m
retrograde	-9780 May 20 j 00:45	14°♈02'32	
desc. node	-9780 May 20 j 20:24	14°♈01'46	
evening set	-9780 Jun 03 j 19:57	9°♈56'08	
inferior conj	-9780 Jun 09 j 21:23	6°♈29'11	-4°39'39
minimum elong	-9780 Jun 09 j 12:06	6°♈42'59	4°37'14
min. Earth dist.	-9780 Jun 09 j 22:54	6°♈26'56	0.26777 AU
morning rise	-9780 Jun 15 j 03:48	3°♈26'44	
	-9780 Jun 23 j 03:39	30°℞♓	
direct	-9780 Jun 30 j 15:21	28°♓52'59	
	-9780 Jul 08 j 07:51	0°♈	
greatest brilliancy	-9780 Jul 11 j 14:51	1°♈06'34	-4.9m
	-9780 Aug 18 j 05:42	0°♉	
morning max el	-9780 Aug 20 j 05:46	2°♉01'56	46°44'07
asc. node	-9780 Sep 09 j 16:44	24°♉06'49	
	-9780 Sep 14 j 21:17	0°♊	
	-9780 Oct 10 j 12:42	0°♋	
	-9780 Nov 04 j 13:33	0°♌	
	-9780 Nov 29 j 11:19	0°♍	
	-9780 Dec 24 j 08:59	0°♎	
desc. node	-9780 Dec 31 j 13:29	8°♎39'50	
	-9779 Jan 18 j 05:25	0°♏	
	-9779 Feb 11 j 22:22	0°♐	
morning set	-9779 Feb 22 j 04:53	12°♐32'43	
	-9779 Mar 08 j 10:30	0°♑	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

max. Earth dist.	-9779 Mar 25 j 04:01	20°♉37'22	1.73151 AU	
superior conj	-9779 Mar 29 j 10:28	25°♉54'01	-0°50'51	
minimum elong	-9779 Mar 29 j 18:04	26°♉17'31	0°51'07	
	-9779 Apr 01 j 17:59	0°♒		
asc. node	-9779 Apr 22 j 03:38	25°♒19'18		
	-9779 Apr 25 j 21:53	0°♓		
evening rise	-9779 May 03 j 21:32	9°♓56'31		
	-9779 May 19 j 23:36	0°♈		
	-9779 Jun 13 j 00:39	0°♉		
	-9779 Jul 07 j 02:54	0°♊		
	-9779 Jul 31 j 08:51	0°♋		
desc. node	-9779 Aug 13 j 01:40	15°♋35'00		
	-9779 Aug 24 j 21:48	0°♌		
	-9779 Sep 18 j 22:56	0°♍		
	-9779 Oct 15 j 00:11	0°♎		
evening max el	-9779 Nov 06 j 09:50	23°♎50'43	45°56'10	
	-9779 Nov 12 j 17:13	0°♏		
asc. node	-9779 Dec 02 j 22:55	16°♏47'40		
greatest brilliancy	-9779 Dec 14 j 16:33	23°♏12'34	-4.7m	
retrograde	-9779 Dec 25 j 20:40	25°♏31'37		
evening set	-9778 Jan 11 j 22:13	19°♏52'53		
inferior conj	-9778 Jan 16 j 07:25	17°♏07'43	7°39'41	
minimum elong	-9778 Jan 16 j 01:58	17°♏16'28	7°38'49	
min. Earth dist.	-9778 Jan 16 j 06:54	17°♏08'31	0.29557 AU	
morning rise	-9778 Jan 20 j 05:45	14°♏38'32		
direct	-9778 Feb 07 j 02:43	8°♏35'28		
greatest brilliancy	-9778 Feb 16 j 16:58	10°♏14'17	-4.7m	
	-9778 Mar 18 j 23:39	0°♐		
desc. node	-9778 Mar 26 j 00:59	6°♐23'58		
morning max el	-9778 Mar 28 j 00:45	8°♐16'49	46°02'42	
	-9778 Apr 18 j 09:00	0°♑		
	-9778 May 15 j 04:48	0°♒		
	-9778 Jun 09 j 12:32	0°♓		
	-9778 Jul 04 j 00:11	0°♈		
asc. node	-9778 Jul 15 j 17:33	14°♈35'47		
	-9778 Jul 28 j 00:24	0°♉		
	-9778 Aug 20 j 19:30	0°♊		
	-9778 Sep 13 j 14:31	0°♋		
morning set	-9778 Sep 27 j 15:50	17°♋38'45		
	-9778 Oct 07 j 12:53	0°♌		
	-9778 Oct 31 j 15:55	0°♍		
desc. node	-9778 Nov 05 j 12:40	6°♍01'22		
superior conj	-9778 Nov 08 j 21:42	10°♍11'54	-0°07'40	
minimum elong	-9778 Nov 08 j 19:48	10°♍06'02	0°07'19	
behind sun begin	-9778 Nov 07 j 20:06	8°♍52'45		
behind sun end	-9778 Nov 09 j 19:31	11°♍19'17		
max. Earth dist.	-9778 Nov 13 j 09:56	15°♍46'07	1.72694 AU	
	-9778 Nov 24 j 22:53	0°♎		
evening rise	-9778 Dec 18 j 21:21	29°♎26'13		
	-9778 Dec 19 j 08:21	0°♏		
	-9777 Jan 12 j 19:37	0°♐		
	-9777 Feb 06 j 09:35	0°♑		
asc. node	-9777 Feb 25 j 05:02	22°♑47'34		
	-9777 Mar 03 j 04:32	0°♒		
	-9777 Mar 28 j 07:13	0°♓		
	-9777 Apr 22 j 21:23	0°♈		
	-9777 May 19 j 07:29	0°♉		
evening max el	-9777 Jun 14 j 13:48	27°♉50'31	47°25'31	
	-9777 Jun 16 j 18:09	0°♊		
desc. node	-9777 Jun 18 j 06:30	1°♊28'47		
greatest brilliancy	-9777 Jul 26 j 05:02	29°♊13'17	-4.9m	
	-9777 Jul 28 j 20:33	0°♋		
retrograde	-9777 Aug 04 j 08:58	0°♋49'59		
	-9777 Aug 10 j 17:03	30°℞♊		
evening set	-9777 Aug 21 j 23:14	24°♊51'50		
min. Earth dist.	-9777 Aug 24 j 16:18	23°♊12'48	0.26678 AU	
inferior conj	-9777 Aug 25 j 02:08	22°♊57'39	-8°26'13	
minimum elong	-9777 Aug 25 j 08:47	22°♊47'24	8°24'58	
morning rise	-9777 Aug 28 j 18:27	20°♊44'02		
direct	-9777 Sep 14 j 05:47	15°♊21'13		
greatest brilliancy	-9777 Sep 24 j 03:25	17°♊14'18	-4.9m	
asc. node	-9777 Oct 08 j 03:58	24°♊58'47		
	-9777 Oct 14 j 17:31	0°♋		
morning max el	-9777 Nov 03 j 09:15	18°♋05'39	46°23'43	
	-9777 Nov 14 j 21:44	0°♌		
	-9777 Dec 12 j 04:19	0°♍		
	-9776 Jan 07 j 09:16	0°♎		
desc. node	-9776 Jan 29 j 02:51	25°♎21'27		
	-9776 Feb 02 j 01:32	0°♏		
	-9776 Feb 27 j 07:29	0°♐		
	-9776 Mar 23 j 03:29	0°♑		
	-9776 Apr 16 j 14:26	0°♒		
morning set	-9776 Apr 29 j 12:42	16°♒01'03		
	-9776 May 10 j 18:03	0°♓		
asc. node	-9776 May 19 j 16:44	11°♓11'21		
max. Earth dist.	-9776 Jun 01 j 18:05	27°♓34'19	1.71429 AU	
	-9776 Jun 03 j 16:26	0°♈		
superior conj	-9776 Jun 05 j 00:43	1°♈41'31	0°36'51	
minimum elong	-9776 Jun 04 j 17:36	1°♈19'10	0°36'31	
	-9776 Jun 27 j 11:54	0°♉		
evening rise	-9776 Jul 13 j 09:08	20°♉01'53		
	-9776 Jul 21 j 07:02	0°♊		
	-9776 Aug 14 j 04:19	0°♋		
	-9776 Sep 07 j 05:48	0°♌		
desc. node	-9776 Sep 09 j 13:21	2°♌52'21		
	-9776 Oct 01 j 12:57	0°♍		
	-9776 Oct 26 j 03:41	0°♎		
	-9776 Nov 20 j 06:38	0°♏		
	-9776 Dec 16 j 09:45	0°♐		
asc. node	-9776 Dec 30 j 09:11	15°♐11'11		
	-9775 Jan 13 j 22:38	0°♑		
evening max el	-9775 Jan 16 j 06:31	2°♑14'24	44°54'11	
greatest brilliancy	-9775 Feb 22 j 19:15	29°♑09'44	-4.7m	
	-9775 Feb 25 j 12:09	0°♒		
retrograde	-9775 Mar 05 j 04:49	1°♒03'52		
	-9775 Mar 12 j 14:39	30°℞♑		
evening set	-9775 Mar 21 j 11:02	26°♑07'39		
inferior conj	-9775 Mar 26 j 12:03	23°♑07'47	5°37'08	
minimum elong	-9775 Mar 26 j 21:06	22°♑53'55	5°34'44	
min. Earth dist.	-9775 Mar 27 j 17:55	22°♑22'03	0.28698 AU	
morning rise	-9775 Apr 01 j 06:30	19°♑42'02		
direct	-9775 Apr 17 j 08:41	14°♑50'35		
desc. node	-9775 Apr 22 j 12:00	15°♑20'23		
greatest brilliancy	-9775 Apr 28 j 19:40	17°♑11'49	-4.8m	
	-9775 May 19 j 08:10	0°♒		
morning max el	-9775 Jun 06 j 08:36	16°♒22'00	46°29'29	
	-9775 Jun 19 j 12:57	0°♓		
	-9775 Jul 16 j 03:12	0°♈		
	-9775 Aug 10 j 03:55	0°♉		
asc. node	-9775 Aug 12 j 06:42	2°♉35'02		
	-9775 Sep 03 j 12:17	0°♊		
	-9775 Sep 27 j 15:17	0°♋		
	-9775 Oct 21 j 19:15	0°♌		
	-9775 Nov 15 j 02:54	0°♍		
desc. node	-9775 Dec 03 j 02:05	22°♍03'05		
	-9775 Dec 09 j 13:51	0°♎		
morning set	-9775 Dec 12 j 12:41	3°♎36'48		
	-9774 Jan 03 j 02:04	0°♏		
max. Earth dist.	-9774 Jan 18 j 13:18	18°♏56'46	1.73790 AU	
superior conj	-9774 Jan 19 j 21:10	20°♏34'26	-1°18'48	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

minimum elong	-9774 Jan 19 j 17:10	20°♏22'08	1°19'09	
	-9774 Jan 27 j 13:36	0°♐		
	-9774 Feb 20 j 23:48	0°♑		
evening rise	-9774 Feb 24 j 17:05	4°♑34'31		
greatest brilliancy	-9774 Feb 25 j 21:36	6°♑02'12	-3.9m	
	-9774 Mar 17 j 09:18	0°♒		
asc. node	-9774 Mar 24 j 17:01	9°♒00'11		
	-9774 Apr 10 j 19:17	0°♓		
	-9774 May 05 j 06:55	0°♈		
	-9774 May 29 j 21:43	0°♉		
	-9774 Jun 23 j 18:48	0°♊		
desc. node	-9774 Jul 15 j 16:57	25°♊55'42		
	-9774 Jul 19 j 04:56	0°♋		
	-9774 Aug 14 j 20:56	0°♌		
evening max el	-9774 Aug 25 j 15:59	11°♌21'37	47°36'14	
	-9774 Sep 14 j 12:53	0°♍		
greatest brilliancy	-9774 Oct 05 j 07:54	13°♍18'02	-4.9m	
retrograde	-9774 Oct 15 j 20:15	15°♍25'34		
evening set	-9774 Oct 30 j 15:29	10°♍54'21		
asc. node	-9774 Nov 04 j 14:41	7°♍51'06		
min. Earth dist.	-9774 Nov 05 j 00:32	7°♍35'16	0.27891 AU	
inferior conj	-9774 Nov 05 j 18:34	7°♍06'16	0°16'46	
minimum elong	-9774 Nov 05 j 17:58	7°♍07'13	0°16'53	
morning rise	-9774 Nov 11 j 21:33	3°♍21'15		
	-9774 Nov 19 j 16:36	30°℞♌		
direct	-9774 Nov 26 j 14:12	29°♌01'10		
	-9774 Dec 03 j 17:45	0°♍		
greatest brilliancy	-9774 Dec 05 j 12:44	0°♍31'47	-4.8m	
morning max el	-9773 Jan 14 j 11:18	29°♍15'54	45°59'10	
	-9773 Jan 15 j 05:45	0°♎		
	-9773 Feb 13 j 09:20	0°♏		
desc. node	-9773 Feb 25 j 15:28	13°♏28'01		
	-9773 Mar 12 j 06:43	0°♐		
	-9773 Apr 07 j 00:24	0°♑		
	-9773 May 01 j 23:23	0°♒		
	-9773 May 26 j 08:51	0°♓		
asc. node	-9773 Jun 17 j 06:14	27°♓20'48		
	-9773 Jun 19 j 08:55	0°♈		
greatest brilliancy	-9773 Jul 01 j 13:23	15°♈21'11	-3.9m	
morning set	-9773 Jul 09 j 22:26	25°♈56'26		
	-9773 Jul 13 j 03:26	0°♉		
	-9773 Aug 05 j 20:07	0°♊		
superior conj	-9773 Aug 19 j 10:47	17°♊12'33	1°21'30	
minimum elong	-9773 Aug 19 j 15:24	17°♊27'06	1°22'01	
max. Earth dist.	-9773 Aug 24 j 16:50	23°♊50'07	1.70851 AU	
	-9773 Aug 29 j 14:14	0°♋		
	-9773 Sep 22 j 12:07	0°♌		
evening rise	-9773 Oct 01 j 15:58	11°♌25'44		
desc. node	-9773 Oct 08 j 01:43	19°♌24'04		
	-9773 Oct 16 j 14:40	0°♍		
	-9773 Nov 09 j 21:50	0°♎		
	-9773 Dec 04 j 09:50	0°♏		
	-9773 Dec 29 j 04:43	0°♐		
	-9772 Jan 23 j 11:34	0°♑		
asc. node	-9772 Jan 27 j 19:56	5°♑04'19		
	-9772 Feb 18 j 15:46	0°♒		
	-9772 Mar 17 j 13:37	0°♓		
evening max el	-9772 Mar 29 j 09:38	11°♓41'30	45°38'08	
	-9772 Apr 19 j 20:20	0°♈		
greatest brilliancy	-9772 May 07 j 16:19	9°♈53'43	-4.8m	
retrograde	-9772 May 17 j 12:01	11°♈37'29		
desc. node	-9772 May 19 j 22:32	11°♈30'38		
evening set	-9772 Jun 01 j 05:54	7°♈33'31		
inferior conj	-9772 Jun 07 j 09:34	4°♈04'11	-4°19'13	
minimum elong	-9772 Jun 07 j 00:44	4°♈17'17	4°16'52	
min. Earth dist.	-9772 Jun 07 j 12:50	3°♈59'18	0.26815 AU	
morning rise	-9772 Jun 12 j 18:59	0°♈57'32		
	-9772 Jun 14 j 15:15	30°℞♓		
direct	-9772 Jun 28 j 03:47	26°♓26'41		
greatest brilliancy	-9772 Jul 09 j 06:04	28°♓42'30	-4.9m	
	-9772 Jul 12 j 05:27	0°♈		
morning max el	-9772 Aug 17 j 18:01	29°♈32'02	46°44'28	
	-9772 Aug 18 j 04:57	0°♉		
asc. node	-9772 Sep 08 j 18:52	23°♉23'44		
	-9772 Sep 14 j 13:52	0°♊		
	-9772 Oct 10 j 02:47	0°♋		
	-9772 Nov 04 j 02:21	0°♌		
	-9772 Nov 28 j 23:19	0°♍		
	-9772 Dec 23 j 20:27	0°♎		
desc. node	-9772 Dec 30 j 15:45	8°♎12'28		
	-9771 Jan 17 j 16:31	0°♏		
	-9771 Feb 11 j 09:14	0°♐		
morning set	-9771 Feb 19 j 23:47	10°♐30'41		
	-9771 Mar 07 j 21:15	0°♑		
max. Earth dist.	-9771 Mar 23 j 01:11	18°♑41'18	1.73202 AU	
superior conj	-9771 Mar 27 j 06:07	23°♑53'07	-0°53'05	
minimum elong	-9771 Mar 27 j 13:49	24°♑16'56	0°53'22	
	-9771 Apr 01 j 04:43	0°♒		
asc. node	-9771 Apr 21 j 05:41	24°♒51'59		
	-9771 Apr 25 j 08:45	0°♓		
evening rise	-9771 May 01 j 16:10	7°♓51'08		
	-9771 May 19 j 10:41	0°♈		
	-9771 Jun 12 j 12:02	0°♉		
	-9771 Jul 06 j 14:38	0°♊		
	-9771 Jul 30 j 21:03	0°♋		
desc. node	-9771 Aug 12 j 03:53	15°♋03'32		
	-9771 Aug 24 j 10:38	0°♌		
	-9771 Sep 18 j 12:52	0°♍		
	-9771 Oct 14 j 16:30	0°♎		
evening max el	-9771 Nov 04 j 01:18	21°♎36'40	45°59'51	
	-9771 Nov 12 j 17:28	0°♏		
asc. node	-9771 Dec 02 j 01:10	15°♏35'20		
greatest brilliancy	-9771 Dec 12 j 09:32	21°♏05'56	-4.7m	
retrograde	-9771 Dec 23 j 14:45	23°♏26'34		
evening set	-9770 Jan 09 j 13:44	17°♏50'17		
inferior conj	-9770 Jan 14 j 01:06	15°♏01'57	7°33'49	
minimum elong	-9770 Jan 13 j 19:09	15°♏11'29	7°32'52	
min. Earth dist.	-9770 Jan 13 j 23:15	15°♏04'55	0.29537 AU	
morning rise	-9770 Jan 18 j 00:38	12°♏31'04		
direct	-9770 Feb 04 j 19:35	6°♏29'49		
greatest brilliancy	-9770 Feb 14 j 08:56	8°♏08'08	-4.7m	
	-9770 Mar 19 j 01:30	0°♐		
desc. node	-9770 Mar 25 j 03:07	5°♐35'48		
morning max el	-9770 Mar 25 j 17:52	6°♐10'48	46°02'01	
	-9770 Apr 18 j 01:29	0°♑		
	-9770 May 14 j 18:32	0°♒		
	-9770 Jun 09 j 01:04	0°♓		
	-9770 Jul 03 j 12:07	0°♈		
asc. node	-9770 Jul 14 j 19:51	14°♈06'20		
	-9770 Jul 27 j 11:59	0°♉		
	-9770 Aug 20 j 06:53	0°♊		
	-9770 Sep 13 j 01:47	0°♋		
morning set	-9770 Sep 25 j 01:15	15°♋02'38		
	-9770 Oct 07 j 00:04	0°♌		
	-9770 Oct 31 j 02:59	0°♍		
desc. node	-9770 Nov 04 j 14:44	5°♍33'34		
superior conj	-9770 Nov 06 j 08:34	7°♍43'00	-0°03'59	
minimum elong	-9770 Nov 06 j 07:37	7°♍40'03	0°03'39	
behind sun begin	-9770 Nov 05 j 05:43	6°♍19'57		
behind sun end	-9770 Nov 07 j 09:30	9°♍00'07		
max. Earth dist.	-9770 Nov 10 j 23:26	13°♍25'37	1.72628 AU	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9770 Nov 24 j 09:51	0°♎	
evening rise	-9770 Dec 16 j 13:03	27°♎13'34	
	-9770 Dec 18 j 19:15	0°♏	
	-9769 Jan 12 j 06:34	0°♐	
	-9769 Feb 05 j 20:48	0°♑	
asc. node	-9769 Feb 24 j 07:13	22°♑19'08	
	-9769 Mar 02 j 16:18	0°♒	
	-9769 Mar 27 j 19:56	0°♓	
	-9769 Apr 22 j 11:40	0°♈	
	-9769 May 19 j 00:45	0°♉	
evening max el	-9769 Jun 12 j 03:51	25°♉26'58	47°22'42
	-9769 Jun 16 j 19:24	0°♊	
desc. node	-9769 Jun 17 j 08:53	0°♊32'21	
greatest brilliancy	-9769 Jul 23 j 16:53	26°♊42'18	-4.9m
retrograde	-9769 Aug 01 j 22:02	28°♊19'41	
evening set	-9769 Aug 19 j 13:47	22°♊18'42	
min. Earth dist.	-9769 Aug 22 j 04:12	20°♊43'51	0.26661 AU
inferior conj	-9769 Aug 22 j 14:31	20°♊28'01	-8°33'38
minimum elong	-9769 Aug 22 j 20:27	20°♊18'55	8°32'32
morning rise	-9769 Aug 26 j 03:13	18°♊20'08	
direct	-9769 Sep 11 j 18:41	12°♊52'16	
greatest brilliancy	-9769 Sep 21 j 15:54	14°♊45'28	-4.9m
asc. node	-9769 Oct 07 j 06:10	23°♊38'32	
	-9769 Oct 15 j 05:03	0°♋	
morning max el	-9769 Nov 01 j 00:01	15°♋44'31	46°24'44
	-9769 Nov 14 j 16:59	0°♌	
	-9769 Dec 11 j 19:25	0°♍	
	-9768 Jan 06 j 22:27	0°♎	
desc. node	-9768 Jan 28 j 04:57	24°♎51'41	
	-9768 Feb 01 j 13:38	0°♏	
	-9768 Feb 26 j 18:55	0°♐	
	-9768 Mar 22 j 14:33	0°♑	
	-9768 Apr 16 j 01:21	0°♒	
morning set	-9768 Apr 27 j 07:26	13°♒56'21	
	-9768 May 10 j 04:58	0°♓	
asc. node	-9768 May 18 j 18:56	10°♓44'01	
max. Earth dist.	-9768 May 30 j 04:46	25°♓02'40	1.71490 AU
superior conj	-9768 Jun 02 j 16:48	29°♓26'39	0°33'51
minimum elong	-9768 Jun 02 j 10:14	29°♓05'59	0°33'29
	-9768 Jun 03 j 03:25	0°♈	
	-9768 Jun 26 j 23:01	0°♉	
evening rise	-9768 Jul 10 j 21:11	17°♉33'14	
	-9768 Jul 20 j 18:18	0°♊	
	-9768 Aug 13 j 15:45	0°♋	
	-9768 Sep 06 j 17:26	0°♌	
desc. node	-9768 Sep 08 j 15:26	2°♌22'38	
	-9768 Oct 01 j 00:52	0°♍	
	-9768 Oct 25 j 16:03	0°♎	
	-9768 Nov 19 j 19:56	0°♏	
	-9768 Dec 16 j 01:11	0°♐	
asc. node	-9768 Dec 29 j 11:35	14°♐31'09	
	-9767 Jan 13 j 20:30	0°♑	
evening max el	-9767 Jan 13 j 22:29	0°♑04'44	44°54'43
greatest brilliancy	-9767 Feb 20 j 10:39	27°♑01'11	-4.7m
retrograde	-9767 Mar 02 j 20:01	28°♑55'14	
evening set	-9767 Mar 19 j 05:20	23°♑55'17	
inferior conj	-9767 Mar 24 j 03:59	20°♑58'12	5°50'31
minimum elong	-9767 Mar 24 j 13:00	20°♑44'19	5°48'13
min. Earth dist.	-9767 Mar 25 j 09:35	20°♑12'43	0.28764 AU
morning rise	-9767 Mar 29 j 20:02	17°♑35'03	
direct	-9767 Apr 15 j 01:17	12°♑39'56	
desc. node	-9767 Apr 21 j 14:08	13°♑27'29	
greatest brilliancy	-9767 Apr 26 j 10:38	14°♑59'09	-4.8m
	-9767 May 19 j 16:41	0°♒	
morning max el	-9767 Jun 03 j 23:34	14°♒05'10	46°28'18
	-9767 Jun 19 j 07:12	0°♓	
	-9767 Jul 15 j 17:58	0°♈	
	-9767 Aug 09 j 17:12	0°♉	
asc. node	-9767 Aug 11 j 08:47	2°♉01'01	
	-9767 Sep 03 j 00:48	0°♊	
	-9767 Sep 27 j 03:20	0°♋	
	-9767 Oct 21 j 06:57	0°♌	
	-9767 Nov 14 j 14:18	0°♍	
desc. node	-9767 Dec 02 j 04:18	21°♍35'25	
	-9767 Dec 09 j 01:02	0°♎	
morning set	-9767 Dec 10 j 02:32	1°♎18'05	
	-9766 Jan 02 j 13:05	0°♏	
max. Earth dist.	-9766 Jan 16 j 11:02	17°♏02'40	1.73776 AU
superior conj	-9766 Jan 17 j 14:50	18°♏27'51	-1°18'01
minimum elong	-9766 Jan 17 j 10:13	18°♏13'44	1°18'20
	-9766 Jan 27 j 00:32	0°♐	
	-9766 Feb 20 j 10:45	0°♑	
evening rise	-9766 Feb 22 j 12:38	2°♑33'19	
greatest brilliancy	-9766 Feb 24 j 08:16	4°♑47'28	-3.9m
	-9766 Mar 16 j 20:23	0°♒	
asc. node	-9766 Mar 23 j 19:10	8°♒32'26	
	-9766 Apr 10 j 06:41	0°♓	
	-9766 May 04 j 18:50	0°♈	
	-9766 May 29 j 10:23	0°♉	
	-9766 Jun 23 j 08:33	0°♊	
desc. node	-9766 Jul 14 j 19:08	25°♊17'44	
	-9766 Jul 18 j 20:31	0°♋	
	-9766 Aug 14 j 16:30	0°♌	
evening max el	-9766 Aug 23 j 07:22	9°♌01'17	47°38'09
	-9766 Sep 15 j 01:27	0°♍	
greatest brilliancy	-9766 Oct 03 j 01:50	11°♍01'00	-4.9m
retrograde	-9766 Oct 13 j 11:44	13°♍06'14	
evening set	-9766 Oct 28 j 07:49	8°♍34'52	
min. Earth dist.	-9766 Nov 02 j 16:40	5°♍16'05	0.27824 AU
inferior conj	-9766 Nov 03 j 10:07	4°♍48'00	-0°04'07
minimum elong	-9766 Nov 03 j 10:15	4°♍47'47	0°03'46
transit middle	-9766 Nov 03 j 10:15	4°♍47'47	0°03'46
transit begin	-9766 Nov 03 j 06:21	4°♍54'04	
transit end	-9766 Nov 03 j 14:08	4°♍41'31	
asc. node	-9766 Nov 03 j 16:56	4°♍37'01	
morning rise	-9766 Nov 09 j 13:42	1°♍01'58	
	-9766 Nov 11 j 12:38	30°℞♌	
direct	-9766 Nov 24 j 04:37	26°♌44'12	
greatest brilliancy	-9766 Dec 03 j 04:18	28°♌15'28	-4.8m
	-9766 Dec 07 j 14:55	0°♍	
morning max el	-9765 Jan 12 j 01:38	27°♍00'26	45°59'39
	-9765 Jan 15 j 04:06	0°♎	
	-9765 Feb 13 j 01:14	0°♏	
desc. node	-9765 Feb 24 j 17:31	12°♏53'02	
	-9765 Mar 11 j 20:14	0°♐	
	-9765 Apr 06 j 12:45	0°♑	
	-9765 May 01 j 11:07	0°♒	
	-9765 May 25 j 20:15	0°♓	
asc. node	-9765 Jun 16 j 08:31	26°♓52'34	
	-9765 Jun 18 j 20:11	0°♈	
greatest brilliancy	-9765 Jun 30 j 17:59	15°♈00'09	-3.9m
morning set	-9765 Jul 07 j 11:23	23°♈30'00	
	-9765 Jul 12 j 14:42	0°♉	
	-9765 Aug 05 j 07:27	0°♊	
superior conj	-9765 Aug 16 j 20:21	14°♊35'24	1°22'13
minimum elong	-9765 Aug 16 j 23:55	14°♊46'38	1°22'43
max. Earth dist.	-9765 Aug 21 j 14:59	20°♊37'09	1.70824 AU
	-9765 Aug 29 j 01:37	0°♋	
	-9765 Sep 21 j 23:32	0°♌	
evening rise	-9765 Sep 28 j 23:24	8°♌43'38	
desc. node	-9765 Oct 07 j 03:52	18°♌55'06	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9765 Oct 16 j 02:09	0°♍	
	-9765 Nov 09 j 09:24	0°♎	
	-9765 Dec 03 j 21:37	0°♏	
	-9765 Dec 28 j 16:58	0°♐	
	-9764 Jan 23 j 00:46	0°♑	
asc. node	-9764 Jan 26 j 22:06	4°♑31'32	
	-9764 Feb 18 j 07:00	0°♒	
	-9764 Mar 17 j 09:54	0°♓	
evening max el	-9764 Mar 26 j 22:30	9°♓20'25	45°35'09
	-9764 Apr 20 j 18:36	0°♈	
greatest brilliancy	-9764 May 05 j 03:55	7°♈28'49	-4.8m
retrograde	-9764 May 15 j 00:06	9°♈13'19	
desc. node	-9764 May 19 j 00:52	8°♈54'25	
evening set	-9764 May 29 j 16:24	5°♈11'08	
inferior conj	-9764 Jun 04 j 22:00	1°♈39'43	-3°58'28
minimum elong	-9764 Jun 04 j 13:43	1°♈52'00	3°56'13
min. Earth dist.	-9764 Jun 05 j 02:42	1°♈32'46	0.26854 AU
	-9764 Jun 07 j 17:44	30°♓℞	
morning rise	-9764 Jun 10 j 10:21	28°♓29'20	
direct	-9764 Jun 25 j 16:49	24°♓01'00	
greatest brilliancy	-9764 Jul 06 j 21:12	26°♓18'53	-4.9m
	-9764 Jul 14 j 07:45	0°♈	
morning max el	-9764 Aug 15 j 07:19	27°♈04'39	46°44'33
	-9764 Aug 18 j 03:23	0°♉	
asc. node	-9764 Sep 07 j 21:05	22°♉40'49	
	-9764 Sep 14 j 06:24	0°♊	
	-9764 Oct 09 j 17:04	0°♋	
	-9764 Nov 03 j 15:28	0°♌	
	-9764 Nov 28 j 11:43	0°♍	
	-9764 Dec 23 j 08:20	0°♎	
desc. node	-9764 Dec 29 j 17:52	7°♎43'24	
	-9763 Jan 17 j 04:00	0°♏	
	-9763 Feb 10 j 20:27	0°♐	
morning set	-9763 Feb 17 j 18:18	8°♐26'22	
	-9763 Mar 07 j 08:20	0°♑	
max. Earth dist.	-9763 Mar 20 j 23:27	16°♑47'39	1.73248 AU
superior conj	-9763 Mar 25 j 01:38	21°♑50'51	-0°55'17
minimum elong	-9763 Mar 25 j 09:24	22°♑14'52	0°55'34
	-9763 Mar 31 j 15:49	0°♒	
asc. node	-9763 Apr 20 j 07:56	24°♒24'10	
	-9763 Apr 24 j 19:57	0°♓	
evening rise	-9763 Apr 29 j 10:59	5°♓45'20	
	-9763 May 18 j 22:06	0°♈	
	-9763 Jun 11 j 23:42	0°♉	
	-9763 Jul 06 j 02:39	0°♊	
	-9763 Jul 30 j 09:30	0°♋	
desc. node	-9763 Aug 11 j 05:59	14°♋30'59	
	-9763 Aug 23 j 23:47	0°♌	
	-9763 Sep 18 j 03:15	0°♍	
	-9763 Oct 14 j 09:33	0°♎	
evening max el	-9763 Nov 01 j 17:34	19°♎23'06	46°03'21
	-9763 Nov 12 j 19:42	0°♏	
asc. node	-9763 Dec 01 j 03:33	14°♏19'08	
greatest brilliancy	-9763 Dec 10 j 02:09	18°♏56'41	-4.8m
retrograde	-9763 Dec 21 j 08:53	21°♏18'52	
evening set	-9762 Jan 07 j 04:54	15°♏45'22	
inferior conj	-9762 Jan 11 j 18:29	12°♏53'36	7°27'11
minimum elong	-9762 Jan 11 j 12:06	13°♏03'50	7°26'09
min. Earth dist.	-9762 Jan 11 j 15:03	12°♏59'06	0.29512 AU
morning rise	-9762 Jan 15 j 19:26	10°♏20'44	
direct	-9762 Feb 02 j 12:38	4°♏21'50	
greatest brilliancy	-9762 Feb 12 j 00:06	5°♏59'07	-4.7m
	-9762 Mar 19 j 02:41	0°♐	
morning max el	-9762 Mar 23 j 11:09	4°♐03'52	46°01'23
desc. node	-9762 Mar 24 j 05:21	4°♐47'16	
	-9762 Apr 17 j 18:08	0°♑	
	-9762 May 14 j 08:32	0°♒	
	-9762 Jun 08 j 13:53	0°♓	
	-9762 Jul 03 j 00:18	0°♈	
asc. node	-9762 Jul 13 j 21:53	13°♈35'13	
	-9762 Jul 26 j 23:50	0°♉	
	-9762 Aug 19 j 18:31	0°♊	
	-9762 Sep 12 j 13:17	0°♋	
morning set	-9762 Sep 22 j 11:04	12°♋26'58	
	-9762 Oct 06 j 11:29	0°♌	
	-9762 Oct 30 j 14:21	0°♍	
superior conj	-9762 Nov 03 j 19:14	5°♍12'24	-0°00'13
minimum elong	-9762 Nov 03 j 19:15	5°♍12'27	0°00'05
behind sun begin	-9762 Nov 02 j 17:23	3°♍52'24	
behind sun end	-9762 Nov 04 j 21:06	6°♍32'29	
desc. node	-9762 Nov 03 j 16:59	5°♍05'25	
max. Earth dist.	-9762 Nov 08 j 14:29	11°♍08'52	1.72570 AU
	-9762 Nov 23 j 21:09	0°♎	
evening rise	-9762 Dec 14 j 04:18	24°♎58'23	
	-9762 Dec 18 j 06:33	0°♏	
	-9761 Jan 11 j 17:57	0°♐	
	-9761 Feb 05 j 08:29	0°♑	
asc. node	-9761 Feb 23 j 09:24	21°♑49'24	
	-9761 Mar 02 j 04:32	0°♒	
	-9761 Mar 27 j 09:08	0°♓	
	-9761 Apr 22 j 02:30	0°♈	
	-9761 May 18 j 18:47	0°♉	
evening max el	-9761 Jun 09 j 18:26	23°♉03'49	47°19'46
desc. node	-9761 Jun 16 j 11:04	29°♉33'13	
	-9761 Jun 16 j 22:26	0°♊	
greatest brilliancy	-9761 Jul 21 j 04:40	24°♊10'30	-4.9m
retrograde	-9761 Jul 30 j 10:59	25°♊48'15	
evening set	-9761 Aug 17 j 04:03	19°♊45'16	
min. Earth dist.	-9761 Aug 19 j 16:04	18°♊14'04	0.26640 AU
inferior conj	-9761 Aug 20 j 02:51	17°♊57'32	-8°40'04
minimum elong	-9761 Aug 20 j 08:00	17°♊49'37	8°39'07
morning rise	-9761 Aug 23 j 12:05	15°♊54'58	
direct	-9761 Sep 09 j 07:40	10°♊22'47	
greatest brilliancy	-9761 Sep 19 j 04:07	12°♊15'32	-4.9m
asc. node	-9761 Oct 06 j 08:25	22°♊20'26	
	-9761 Oct 15 j 13:50	0°♋	
morning max el	-9761 Oct 29 j 13:56	13°♋20'36	46°25'42
	-9761 Nov 14 j 11:54	0°♌	
	-9761 Dec 11 j 10:32	0°♍	
	-9760 Jan 06 j 11:48	0°♎	
desc. node	-9760 Jan 27 j 06:59	24°♎20'52	
	-9760 Feb 01 j 02:00	0°♏	
	-9760 Feb 26 j 06:42	0°♐	
	-9760 Mar 22 j 01:58	0°♑	
	-9760 Apr 15 j 12:36	0°♒	
morning set	-9760 Apr 25 j 01:59	11°♒50'12	
	-9760 May 09 j 16:09	0°♓	
asc. node	-9760 May 17 j 21:09	10°♓15'53	
max. Earth dist.	-9760 May 27 j 15:34	22°♓30'41	1.71551 AU
superior conj	-9760 May 31 j 08:56	27°♓11'13	0°30'48
minimum elong	-9760 May 31 j 02:54	26°♓52'17	0°30'25
	-9760 Jun 02 j 14:39	0°♈	
	-9760 Jun 26 j 10:23	0°♉	
evening rise	-9760 Jul 08 j 09:30	15°♉04'40	
	-9760 Jul 20 j 05:49	0°♊	
	-9760 Aug 13 j 03:27	0°♋	
	-9760 Sep 06 j 05:19	0°♌	
desc. node	-9760 Sep 07 j 17:39	1°♌52'40	
	-9760 Sep 30 j 12:58	0°♍	
	-9760 Oct 25 j 04:37	0°♎	
	-9760 Nov 19 j 09:29	0°♏	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9760 Dec 15 j 17:02	0°♐		
asc. node	-9760 Dec 28 j 13:41	13°♐49'18		
evening max el	-9759 Jan 11 j 13:29	27°♐51'51	44°55'07	
	-9759 Jan 13 j 19:37	0°♑		
greatest brilliancy	-9759 Feb 18 j 02:11	24°♑51'37	-4.7m	
retrograde	-9759 Feb 28 j 10:52	26°♑45'34		
evening set	-9759 Mar 16 j 23:30	21°♑41'39		
inferior conj	-9759 Mar 21 j 19:49	18°♑47'33	6°03'27	
minimum elong	-9759 Mar 22 j 04:47	18°♑33'44	6°01'13	
min. Earth dist.	-9759 Mar 23 j 01:26	18°♑01'53	0.28832 AU	
morning rise	-9759 Mar 27 j 09:23	15°♑27'13		
direct	-9759 Apr 12 j 17:21	10°♑28'04		
desc. node	-9759 Apr 20 j 16:26	11°♑37'35		
greatest brilliancy	-9759 Apr 24 j 02:08	12°♑46'07	-4.8m	
	-9759 May 19 j 23:16	0°♒		
morning max el	-9759 Jun 01 j 13:45	11°♒45'42	46°27'18	
	-9759 Jun 19 j 01:18	0°♓		
	-9759 Jul 15 j 08:44	0°♈		
	-9759 Aug 09 j 06:31	0°♉		
asc. node	-9759 Aug 10 j 10:58	1°♉27'04		
	-9759 Sep 02 j 13:23	0°♊		
	-9759 Sep 26 j 15:26	0°♋		
	-9759 Oct 20 j 18:43	0°♌		
	-9759 Nov 14 j 01:46	0°♍		
desc. node	-9759 Dec 01 j 06:24	21°♍07'12		
morning set	-9759 Dec 07 j 16:28	28°♍59'25		
	-9759 Dec 08 j 12:15	0°♎		
	-9758 Jan 02 j 00:09	0°♏		
max. Earth dist.	-9758 Jan 14 j 08:02	15°♏06'15	1.73764 AU	
superior conj	-9758 Jan 15 j 08:34	16°♏21'25	-1°17'07	
minimum elong	-9758 Jan 15 j 03:24	16°♏05'33	1°17'26	
	-9758 Jan 26 j 11:32	0°♐		
	-9758 Feb 19 j 21:47	0°♑		
evening rise	-9758 Feb 20 j 08:10	0°♑31'53		
greatest brilliancy	-9758 Feb 22 j 18:10	3°♑30'07	-3.9m	
	-9758 Mar 16 j 07:37	0°♒		
asc. node	-9758 Mar 22 j 21:25	8°♒04'32		
	-9758 Apr 09 j 18:16	0°♓		
	-9758 May 04 j 06:56	0°♈		
	-9758 May 28 j 23:14	0°♉		
	-9758 Jun 22 j 22:29	0°♊		
desc. node	-9758 Jul 13 j 21:15	24°♊39'10		
	-9758 Jul 18 j 12:20	0°♋		
	-9758 Aug 14 j 12:37	0°♌		
evening max el	-9758 Aug 20 j 21:48	6°♌38'22	47°40'02	
	-9758 Sep 15 j 18:08	0°♍		
greatest brilliancy	-9758 Sep 30 j 19:49	8°♍43'47	-4.9m	
retrograde	-9758 Oct 11 j 03:03	10°♍46'56		
evening set	-9758 Oct 26 j 00:16	6°♍14'51		
min. Earth dist.	-9758 Oct 31 j 08:59	2°♍56'35	0.27759 AU	
inferior conj	-9758 Nov 01 j 01:40	2°♍29'44	-0°25'10	
minimum elong	-9758 Nov 01 j 02:32	2°♍28'20	0°24'34	
asc. node	-9758 Nov 02 j 19:18	1°♍23'05		
	-9758 Nov 05 j 00:45	30°℞♌		
morning rise	-9758 Nov 07 j 05:43	28°♌42'58		
direct	-9758 Nov 21 j 18:44	24°♌27'00		
greatest brilliancy	-9758 Nov 30 j 20:18	25°♌59'38	-4.8m	
	-9758 Dec 09 j 16:38	0°♍		
morning max el	-9757 Jan 09 j 16:09	24°♍45'31	46°00'16	
	-9757 Jan 15 j 01:30	0°♎		
	-9757 Feb 12 j 16:46	0°♏		
desc. node	-9757 Feb 23 j 19:47	12°♏19'14		
	-9757 Mar 11 j 09:32	0°♐		
	-9757 Apr 06 j 01:00	0°♑		
	-9757 Apr 30 j 22:48	0°♒		
	-9757 May 25 j 07:39	0°♓		
asc. node	-9757 Jun 15 j 10:35	26°♓23'31		
	-9757 Jun 18 j 07:29	0°♈		
greatest brilliancy	-9757 Jun 30 j 00:27	14°♈45'03	-3.9m	
morning set	-9757 Jul 05 j 00:21	21°♈03'38		
	-9757 Jul 12 j 01:58	0°♉		
	-9757 Aug 04 j 18:43	0°♊		
superior conj	-9757 Aug 14 j 05:53	11°♊58'18	1°22'44	
minimum elong	-9757 Aug 14 j 08:21	12°♊06'07	1°23'14	
max. Earth dist.	-9757 Aug 18 j 14:22	17°♊28'13	1.70797 AU	
	-9757 Aug 28 j 12:54	0°♋		
	-9757 Sep 21 j 10:51	0°♌		
evening rise	-9757 Sep 26 j 06:49	6°♌01'50		
desc. node	-9757 Oct 06 j 06:03	18°♌26'35		
	-9757 Oct 15 j 13:31	0°♍		
	-9757 Nov 08 j 20:52	0°♎		
	-9757 Dec 03 j 09:16	0°♏		
	-9757 Dec 28 j 05:03	0°♐		
	-9756 Jan 22 j 13:50	0°♑		
asc. node	-9756 Jan 26 j 00:23	3°♑59'38		
	-9756 Feb 17 j 22:13	0°♒		
	-9756 Mar 17 j 06:38	0°♓		
evening max el	-9756 Mar 24 j 11:52	7°♓01'22	45°32'04	
	-9756 Apr 22 j 00:51	0°♈		
greatest brilliancy	-9756 May 02 j 14:50	5°♈03'34	-4.8m	
retrograde	-9756 May 12 j 12:35	6°♈49'12		
desc. node	-9756 May 18 j 03:02	6°♈12'29		
evening set	-9756 May 27 j 03:01	2°♈48'33		
	-9756 Jun 01 j 03:50	30°℞♓		
inferior conj	-9756 Jun 02 j 10:16	29°♓15'05	-3°37'04	
minimum elong	-9756 Jun 02 j 02:34	29°♓26'28	3°35'00	
min. Earth dist.	-9756 Jun 02 j 16:07	29°♓06'25	0.26900 AU	
morning rise	-9756 Jun 08 j 01:28	26°♓01'13		
direct	-9756 Jun 23 j 06:17	21°♓35'11		
greatest brilliancy	-9756 Jul 04 j 11:47	23°♓54'34	-4.9m	
	-9756 Jul 15 j 17:27	0°♈		
morning max el	-9756 Aug 12 j 21:17	24°♈39'12	46°44'43	
	-9756 Aug 18 j 00:59	0°♉		
asc. node	-9756 Sep 06 j 23:24	21°♉58'56		
	-9756 Sep 13 j 22:33	0°♊		
	-9756 Oct 09 j 07:03	0°♋		
	-9756 Nov 03 j 04:17	0°♌		
	-9756 Nov 27 j 23:49	0°♍		
	-9756 Dec 22 j 19:55	0°♎		
desc. node	-9756 Dec 28 j 19:51	7°♎14'47		
	-9755 Jan 16 j 15:13	0°♏		
	-9755 Feb 10 j 07:23	0°♐		
morning set	-9755 Feb 15 j 13:05	6°♐23'48		
	-9755 Mar 06 j 19:07	0°♑		
max. Earth dist.	-9755 Mar 18 j 22:41	14°♑57'53	1.73290 AU	
superior conj	-9755 Mar 22 j 21:29	19°♑50'35	-0°57'23	
minimum elong	-9755 Mar 23 j 05:17	20°♑14'39	0°57'40	
	-9755 Mar 31 j 02:36	0°♒		
asc. node	-9755 Apr 19 j 10:10	23°♒57'16		
	-9755 Apr 24 j 06:53	0°♓		
evening rise	-9755 Apr 27 j 06:08	3°♓41'30		
	-9755 May 18 j 09:17	0°♈		
	-9755 Jun 11 j 11:12	0°♉		
	-9755 Jul 05 j 14:31	0°♊		
	-9755 Jul 29 j 21:52	0°♋		
desc. node	-9755 Aug 10 j 08:15	13°♋59'18		
	-9755 Aug 23 j 12:51	0°♌		
	-9755 Sep 17 j 17:33	0°♍		
	-9755 Oct 14 j 02:38	0°♎		
evening max el	-9755 Oct 30 j 10:24	17°♎11'44	46°07'01	
	-9755 Nov 12 j 23:01	0°♏		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

asc. node	-9755 Nov 30 j 05:42	13°♏01'24	
greatest brilliancy	-9755 Dec 07 j 19:22	16°♏49'19	-4.8m
retrograde	-9755 Dec 19 j 03:13	19°♏12'21	
evening set	-9754 Jan 04 j 20:14	13°♏42'00	
inferior conj	-9754 Jan 09 j 12:01	10°♏46'34	7°20'00
minimum elong	-9754 Jan 09 j 05:14	10°♏57'28	7°18'53
min. Earth dist.	-9754 Jan 09 j 06:55	10°♏54'47	0.29481 AU
morning rise	-9754 Jan 13 j 14:27	8°♏11'29	
direct	-9754 Jan 31 j 06:05	2°♏15'25	
greatest brilliancy	-9754 Feb 09 j 14:58	3°♏51'02	-4.7m
	-9754 Mar 19 j 02:12	0°♐	
morning max el	-9754 Mar 21 j 04:22	1°♐58'11	46°00'49
desc. node	-9754 Mar 23 j 07:33	4°♐00'44	
	-9754 Apr 17 j 10:02	0°♑	
	-9754 May 13 j 21:59	0°♒	
	-9754 Jun 08 j 02:15	0°♓	
	-9754 Jul 02 j 12:09	0°♈	
asc. node	-9754 Jul 13 j 00:05	13°♈05'33	
	-9754 Jul 26 j 11:24	0°♉	
	-9754 Aug 19 j 05:56	0°♊	
	-9754 Sep 12 j 00:36	0°♋	
morning set	-9754 Sep 19 j 20:30	9°♋50'36	
	-9754 Oct 05 j 22:42	0°♌	
	-9754 Oct 30 j 01:27	0°♍	
superior conj	-9754 Nov 01 j 05:21	2°♍40'48	0°03'36
minimum elong	-9754 Nov 01 j 06:22	2°♍43'57	0°03'52
behind sun begin	-9754 Oct 31 j 04:20	1°♍23'16	
behind sun end	-9754 Nov 02 j 08:25	4°♍04'36	
desc. node	-9754 Nov 02 j 19:02	4°♍37'29	
max. Earth dist.	-9754 Nov 06 j 07:13	8°♍57'57	1.72505 AU
	-9754 Nov 23 j 08:10	0°♎	
evening rise	-9754 Dec 11 j 19:17	22°♎43'16	
	-9754 Dec 17 j 17:32	0°♏	
	-9753 Jan 11 j 05:02	0°♐	
	-9753 Feb 04 j 19:51	0°♑	
asc. node	-9753 Feb 22 j 11:44	21°♑21'07	
	-9753 Mar 01 j 16:27	0°♒	
	-9753 Mar 26 j 22:00	0°♓	
	-9753 Apr 21 j 17:03	0°♈	
	-9753 May 18 j 12:42	0°♉	
evening max el	-9753 Jun 07 j 08:37	20°♉41'01	47°16'31
desc. node	-9753 Jun 15 j 13:12	28°♉33'58	
	-9753 Jun 17 j 02:29	0°♊	
greatest brilliancy	-9753 Jul 18 j 16:37	21°♊40'06	-4.9m
retrograde	-9753 Jul 27 j 23:21	23°♊17'38	
evening set	-9753 Aug 14 j 17:52	17°♊13'30	
min. Earth dist.	-9753 Aug 17 j 04:10	15°♊44'51	0.26626 AU
inferior conj	-9753 Aug 17 j 15:10	15°♊27'59	-8°45'21
minimum elong	-9753 Aug 17 j 19:29	15°♊21'22	8°44'32
morning rise	-9753 Aug 20 j 21:14	13°♊30'05	
direct	-9753 Sep 06 j 20:28	7°♊54'06	
greatest brilliancy	-9753 Sep 16 j 16:49	9°♊46'35	-4.9m
asc. node	-9753 Oct 05 j 10:42	21°♊05'16	
	-9753 Oct 15 j 20:00	0°♋	
morning max el	-9753 Oct 27 j 02:56	10°♋54'32	46°26'38
	-9753 Nov 14 j 06:12	0°♌	
	-9753 Dec 11 j 01:16	0°♍	
	-9752 Jan 06 j 00:48	0°♎	
desc. node	-9752 Jan 26 j 09:16	23°♎51'46	
	-9752 Jan 31 j 14:00	0°♏	
	-9752 Feb 25 j 18:06	0°♐	
	-9752 Mar 21 j 13:03	0°♑	
	-9752 Apr 14 j 23:30	0°♒	
morning set	-9752 Apr 22 j 20:55	9°♒46'22	
	-9752 May 09 j 03:00	0°♓	
asc. node	-9752 May 16 j 23:15	9°♓48'28	
max. Earth dist.	-9752 May 25 j 04:21	20°♓06'04	1.71611 AU
superior conj	-9752 May 29 j 01:43	24°♓59'02	0°27'44
minimum elong	-9752 May 28 j 20:14	24°♓41'52	0°27'23
	-9752 Jun 02 j 01:33	0°♈	
	-9752 Jun 25 j 21:23	0°♉	
evening rise	-9752 Jul 05 j 22:37	12°♉39'52	
	-9752 Jul 19 j 17:00	0°♊	
	-9752 Aug 12 j 14:50	0°♋	
	-9752 Sep 05 j 16:55	0°♌	
desc. node	-9752 Sep 06 j 19:52	1°♌23'29	
	-9752 Sep 30 j 00:53	0°♍	
	-9752 Oct 24 j 17:03	0°♎	
	-9752 Nov 18 j 22:58	0°♏	
	-9752 Dec 15 j 08:56	0°♐	
asc. node	-9752 Dec 27 j 16:00	13°♐08'09	
evening max el	-9751 Jan 09 j 03:45	25°♐37'50	44°55'53
	-9751 Jan 13 j 19:28	0°♑	
greatest brilliancy	-9751 Feb 15 j 17:37	22°♑43'03	-4.7m
retrograde	-9751 Feb 26 j 02:12	24°♑37'31	
evening set	-9751 Mar 14 j 17:48	19°♑29'18	
inferior conj	-9751 Mar 19 j 11:52	16°♑38'18	6°15'39
minimum elong	-9751 Mar 19 j 20:42	16°♑24'39	6°13'31
min. Earth dist.	-9751 Mar 20 j 17:30	15°♑52'32	0.28897 AU
morning rise	-9751 Mar 24 j 22:54	13°♑21'05	
direct	-9751 Apr 10 j 09:15	8°♑17'28	
desc. node	-9751 Apr 19 j 18:36	9°♑52'44	
greatest brilliancy	-9751 Apr 21 j 18:10	10°♑35'04	-4.8m
	-9751 May 20 j 03:25	0°♒	
morning max el	-9751 May 30 j 04:33	9°♒28'50	46°26'27
	-9751 Jun 18 j 18:39	0°♓	
	-9751 Jul 14 j 23:01	0°♈	
	-9751 Aug 08 j 19:27	0°♉	
asc. node	-9751 Aug 09 j 13:16	0°♉54'37	
	-9751 Sep 02 j 01:37	0°♊	
	-9751 Sep 26 j 03:15	0°♋	
	-9751 Oct 20 j 06:13	0°♌	
	-9751 Nov 13 j 13:02	0°♍	
desc. node	-9751 Nov 30 j 08:27	20°♍39'18	
morning set	-9751 Dec 05 j 05:52	26°♍39'21	
	-9751 Dec 07 j 23:20	0°♎	
	-9750 Jan 01 j 11:04	0°♏	
max. Earth dist.	-9750 Jan 12 j 03:01	13°♏04'01	1.73748 AU
superior conj	-9750 Jan 13 j 01:51	14°♏13'59	-1°16'07
minimum elong	-9750 Jan 12 j 20:08	13°♏56'28	1°16'23
	-9750 Jan 25 j 22:23	0°♐	
evening rise	-9750 Feb 18 j 03:26	28°♐30'12	
	-9750 Feb 19 j 08:40	0°♑	
greatest brilliancy	-9750 Feb 21 j 03:06	2°♑10'22	-3.9m
	-9750 Mar 15 j 18:41	0°♒	
asc. node	-9750 Mar 21 j 23:39	7°♒37'11	
	-9750 Apr 09 j 05:41	0°♓	
	-9750 May 03 j 18:54	0°♈	
	-9750 May 28 j 11:58	0°♉	
	-9750 Jun 22 j 12:20	0°♊	
desc. node	-9750 Jul 12 j 23:36	24°♊01'44	
	-9750 Jul 18 j 04:07	0°♋	
	-9750 Aug 14 j 09:02	0°♌	
evening max el	-9750 Aug 18 j 12:06	4°♌15'59	47°41'50
	-9750 Sep 16 j 16:03	0°♍	
greatest brilliancy	-9750 Sep 28 j 13:12	6°♍26'22	-4.9m
retrograde	-9750 Oct 08 j 18:30	8°♍28'17	
evening set	-9750 Oct 23 j 16:49	3°♍54'52	
min. Earth dist.	-9750 Oct 29 j 01:04	0°♍37'41	0.27701 AU
inferior conj	-9750 Oct 29 j 17:12	0°♍11'47	-0°46'09
minimum elong	-9750 Oct 29 j 18:48	0°♍09'12	0°45'19

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9750 Oct 30 j 00:32	30°℞♌	
asc. node	-9750 Nov 01 j 21:26	28°♌11'04	
morning rise	-9750 Nov 04 j 21:37	26°♌24'44	
direct	-9750 Nov 19 j 08:58	22°♌09'53	
greatest brilliancy	-9750 Nov 28 j 12:15	23°♌44'03	-4.8m
	-9750 Dec 11 j 01:36	0°♍	
morning max el	-9749 Jan 07 j 07:28	22°♍32'30	46°00'49
	-9749 Jan 14 j 22:09	0°♎	
	-9749 Feb 12 j 08:05	0°♏	
desc. node	-9749 Feb 22 j 21:56	11°♏45'20	
	-9749 Mar 10 j 22:45	0°♐	
	-9749 Apr 05 j 13:08	0°♑	
	-9749 Apr 30 j 10:22	0°♒	
	-9749 May 24 j 18:57	0°♓	
asc. node	-9749 Jun 14 j 12:46	25°♓55'12	
	-9749 Jun 17 j 18:40	0°♈	
greatest brilliancy	-9749 Jun 29 j 05:17	14°♈25'01	-3.9m
morning set	-9749 Jul 02 j 13:36	18°♈38'34	
	-9749 Jul 11 j 13:09	0°♉	
	-9749 Aug 04 j 05:55	0°♊	
superior conj	-9749 Aug 11 j 15:45	9°♊22'22	1°23'04
minimum elong	-9749 Aug 11 j 17:09	9°♊26'46	1°23'35
max. Earth dist.	-9749 Aug 15 j 16:15	14°♊27'14	1.70773 AU
	-9749 Aug 28 j 00:08	0°♋	
	-9749 Sep 20 j 22:06	0°♌	
evening rise	-9749 Sep 23 j 14:29	3°♌20'58	
desc. node	-9749 Oct 05 j 08:10	17°♌58'05	
	-9749 Oct 15 j 00:48	0°♍	
	-9749 Nov 08 j 08:16	0°♎	
	-9749 Dec 02 j 20:54	0°♏	
	-9749 Dec 27 j 17:13	0°♐	
	-9748 Jan 22 j 03:04	0°♑	
asc. node	-9748 Jan 25 j 02:41	3°♑27'29	
	-9748 Feb 17 j 13:45	0°♒	
	-9748 Mar 17 j 04:11	0°♓	
evening max el	-9748 Mar 22 j 02:14	4°♓44'48	45°29'15
	-9748 Apr 23 j 20:22	0°♈	
greatest brilliancy	-9748 Apr 30 j 01:51	2°♈39'02	-4.8m
retrograde	-9748 May 10 j 01:23	4°♈25'36	
desc. node	-9748 May 17 j 05:12	3°♈25'38	
evening set	-9748 May 24 j 14:08	0°♈26'29	
	-9748 May 25 j 10:23	30°℞♓	
inferior conj	-9748 May 30 j 22:42	26°♓51'03	-3°15'32
minimum elong	-9748 May 30 j 15:39	27°♓01'29	3°13'38
min. Earth dist.	-9748 May 31 j 05:26	26°♓41'05	0.26945 AU
morning rise	-9748 Jun 05 j 16:34	23°♓33'49	
direct	-9748 Jun 20 j 20:16	19°♓10'12	
greatest brilliancy	-9748 Jul 02 j 01:46	21°♓29'59	-4.9m
	-9748 Jul 16 j 17:31	0°♈	
morning max el	-9748 Aug 10 j 11:32	22°♈14'38	46°44'41
	-9748 Aug 17 j 21:49	0°♉	
asc. node	-9748 Sep 06 j 01:32	21°♉17'00	
	-9748 Sep 13 j 14:27	0°♊	
	-9748 Oct 08 j 20:55	0°♋	
	-9748 Nov 02 j 17:04	0°♌	
	-9748 Nov 27 j 11:54	0°♍	
	-9748 Dec 22 j 07:32	0°♎	
desc. node	-9748 Dec 27 j 22:08	6°♎46'54	
	-9747 Jan 16 j 02:29	0°♏	
	-9747 Feb 09 j 18:26	0°♐	
morning set	-9747 Feb 13 j 07:42	4°♐20'18	
	-9747 Mar 06 j 06:04	0°♑	
max. Earth dist.	-9747 Mar 16 j 20:21	13°♑02'51	1.73331 AU
superior conj	-9747 Mar 20 j 17:08	17°♑49'09	-0°59'24
minimum elong	-9747 Mar 21 j 00:54	18°♑13'09	0°59'44
	-9747 Mar 30 j 13:34	0°♒	
asc. node	-9747 Apr 18 j 12:15	23°♒29'22	
	-9747 Apr 23 j 17:59	0°♓	
evening rise	-9747 Apr 25 j 01:02	1°♓36'29	
	-9747 May 17 j 20:36	0°♈	
	-9747 Jun 10 j 22:49	0°♉	
	-9747 Jul 05 j 02:32	0°♊	
	-9747 Jul 29 j 10:24	0°♋	
desc. node	-9747 Aug 09 j 10:27	13°♋26'54	
	-9747 Aug 23 j 02:09	0°♌	
	-9747 Sep 17 j 08:10	0°♍	
	-9747 Oct 13 j 20:15	0°♎	
evening max el	-9747 Oct 28 j 03:15	14°♎59'45	46°10'39
	-9747 Nov 13 j 04:21	0°♏	
asc. node	-9747 Nov 29 j 08:00	11°♏40'59	
greatest brilliancy	-9747 Dec 05 j 13:10	14°♏42'03	-4.8m
retrograde	-9747 Dec 16 j 21:10	17°♏05'00	
evening set	-9746 Jan 02 j 11:30	11°♏38'13	
inferior conj	-9746 Jan 07 j 05:32	8°♏38'58	7°12'17
minimum elong	-9746 Jan 06 j 22:22	8°♏50'30	7°11'03
min. Earth dist.	-9746 Jan 06 j 22:55	8°♏49'36	0.29446 AU
morning rise	-9746 Jan 11 j 09:30	6°♏01'20	
direct	-9746 Jan 28 j 23:32	0°♏08'32	
greatest brilliancy	-9746 Feb 07 j 05:48	1°♏42'14	-4.7m
morning max el	-9746 Mar 18 j 20:42	29°♏49'42	46°00'07
	-9746 Mar 19 j 01:03	0°♐	
desc. node	-9746 Mar 22 j 09:42	3°♐14'06	
	-9746 Apr 17 j 02:01	0°♑	
	-9746 May 13 j 11:40	0°♒	
	-9746 Jun 07 j 14:52	0°♓	
	-9746 Jul 02 j 00:12	0°♈	
asc. node	-9746 Jul 12 j 02:23	12°♈35'31	
	-9746 Jul 25 j 23:08	0°♉	
	-9746 Aug 18 j 17:30	0°♊	
	-9746 Sep 11 j 12:05	0°♋	
morning set	-9746 Sep 17 j 05:53	7°♋13'19	
	-9746 Oct 05 j 10:08	0°♌	
superior conj	-9746 Oct 29 j 15:22	0°♍07'57	0°07'22
minimum elong	-9746 Oct 29 j 17:24	0°♍14'16	0°07'38
behind sun begin	-9746 Oct 28 j 17:31	29°♌00'16	
behind sun end	-9746 Oct 30 j 17:16	1°♍28'15	
	-9746 Oct 29 j 12:48	0°♍	
desc. node	-9746 Nov 01 j 21:07	4°♍08'50	
max. Earth dist.	-9746 Nov 04 j 00:49	6°♍48'51	1.72438 AU
	-9746 Nov 22 j 19:26	0°♎	
evening rise	-9746 Dec 09 j 10:07	20°♎26'48	
	-9746 Dec 17 j 04:45	0°♏	
	-9745 Jan 10 j 16:22	0°♐	
	-9745 Feb 04 j 07:29	0°♑	
asc. node	-9745 Feb 21 j 13:54	20°♑51'34	
	-9745 Mar 01 j 04:41	0°♒	
	-9745 Mar 26 j 11:17	0°♓	
	-9745 Apr 21 j 08:09	0°♈	
	-9745 May 18 j 07:29	0°♉	
evening max el	-9745 Jun 04 j 21:47	18°♉14'34	47°13'15
desc. node	-9745 Jun 14 j 15:34	27°♉32'42	
	-9745 Jun 17 j 08:56	0°♊	
greatest brilliancy	-9745 Jul 16 j 05:05	19°♊09'11	-4.9m
retrograde	-9745 Jul 25 j 11:10	20°♊45'54	
evening set	-9745 Aug 12 j 07:12	14°♊41'23	
min. Earth dist.	-9745 Aug 14 j 16:31	13°♊14'16	0.26609 AU
inferior conj	-9745 Aug 15 j 03:26	12°♊57'32	-8°49'40
minimum elong	-9745 Aug 15 j 06:51	12°♊52'17	8°48'58
morning rise	-9745 Aug 18 j 06:37	11°♊03'51	
direct	-9745 Sep 04 j 08:37	5°♊24'22	
greatest brilliancy	-9745 Sep 14 j 05:57	7°♊17'13	-4.9m

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

asc. node	-9745 Oct 04 j 12:55	19°♊51'26		
	-9745 Oct 16 j 00:32	0°♋		
morning max el	-9745 Oct 24 j 14:58	8°♋24'59	46°27'33	
	-9745 Nov 14 j 00:21	0°♌		
	-9745 Dec 10 j 16:06	0°♍		
	-9744 Jan 05 j 14:00	0°♎		
desc. node	-9744 Jan 25 j 11:20	23°♎21'14		
	-9744 Jan 31 j 02:15	0°♏		
	-9744 Feb 25 j 05:46	0°♐		
	-9744 Mar 21 j 00:23	0°♑		
	-9744 Apr 14 j 10:41	0°♒		
morning set	-9744 Apr 20 j 15:48	7°♒41'29		
	-9744 May 08 j 14:11	0°♓		
asc. node	-9744 May 16 j 01:29	9°♓20'22		
max. Earth dist.	-9744 May 22 j 18:54	17°♓45'58	1.71677 AU	
superior conj	-9744 May 26 j 18:22	22°♓45'25	0°24'38	
minimum elong	-9744 May 26 j 13:29	22°♓30'06	0°24'16	
	-9744 Jun 01 j 12:48	0°♈		
	-9744 Jun 25 j 08:47	0°♉		
evening rise	-9744 Jul 03 j 11:39	10°♉13'42		
	-9744 Jul 19 j 04:34	0°♊		
	-9744 Aug 12 j 02:35	0°♋		
	-9744 Sep 05 j 04:51	0°♌		
desc. node	-9744 Sep 05 j 21:56	0°♌52'53		
	-9744 Sep 29 j 13:08	0°♍		
	-9744 Oct 24 j 05:51	0°♎		
	-9744 Nov 18 j 12:53	0°♏		
	-9744 Dec 15 j 01:28	0°♐		
asc. node	-9744 Dec 26 j 18:23	12°♐25'41		
evening max el	-9743 Jan 06 j 18:01	23°♐22'58	44°56'50	
	-9743 Jan 13 j 20:54	0°♑		
greatest brilliancy	-9743 Feb 13 j 08:35	20°♑33'18	-4.7m	
retrograde	-9743 Feb 23 j 18:05	22°♑29'03		
evening set	-9743 Mar 12 j 12:07	17°♑16'26		
inferior conj	-9743 Mar 17 j 04:00	14°♑28'30	6°27'07	
minimum elong	-9743 Mar 17 j 12:39	14°♑15'07	6°25'06	
min. Earth dist.	-9743 Mar 18 j 09:25	13°♑43'03	0.28962 AU	
morning rise	-9743 Mar 22 j 12:30	11°♑14'42		
direct	-9743 Apr 08 j 01:14	6°♑06'20		
desc. node	-9743 Apr 18 j 20:45	8°♑11'03		
greatest brilliancy	-9743 Apr 19 j 10:13	8°♑23'42	-4.8m	
	-9743 May 20 j 06:17	0°♒		
morning max el	-9743 May 27 j 20:11	7°♒13'24	46°25'27	
	-9743 Jun 18 j 11:59	0°♓		
	-9743 Jul 14 j 13:32	0°♈		
	-9743 Aug 08 j 08:43	0°♉		
asc. node	-9743 Aug 08 j 15:22	0°♉20'24		
	-9743 Sep 01 j 14:11	0°♊		
	-9743 Sep 25 j 15:23	0°♋		
	-9743 Oct 19 j 18:01	0°♌		
	-9743 Nov 13 j 00:35	0°♍		
desc. node	-9743 Nov 29 j 10:40	20°♍11'05		
morning set	-9743 Dec 02 j 19:01	24°♍17'36		
	-9743 Dec 07 j 10:41	0°♎		
	-9743 Dec 31 j 22:17	0°♏		
max. Earth dist.	-9742 Jan 09 j 21:58	11°♏00'51	1.73734 AU	
superior conj	-9742 Jan 10 j 19:03	12°♏05'25	-1°15'00	
minimum elong	-9742 Jan 10 j 12:47	11°♏46'15	1°15'13	
	-9742 Jan 25 j 09:31	0°♐		
evening rise	-9742 Feb 15 j 22:47	26°♐27'58		
	-9742 Feb 18 j 19:50	0°♑		
greatest brilliancy	-9742 Feb 19 j 17:38	1°♑06'56	-3.9m	
	-9742 Mar 15 j 06:01	0°♒		
asc. node	-9742 Mar 21 j 01:48	7°♒08'44		
	-9742 Apr 08 j 17:22	0°♓		
	-9742 May 03 j 07:09	0°♈		
	-9742 May 28 j 01:01	0°♉		
	-9742 Jun 22 j 02:36	0°♊		
desc. node	-9742 Jul 12 j 01:45	23°♊22'18		
	-9742 Jul 17 j 20:32	0°♋		
	-9742 Aug 14 j 06:38	0°♌		
evening max el	-9742 Aug 16 j 03:06	1°♌54'06	47°43'28	
	-9742 Sep 17 j 23:27	0°♍		
greatest brilliancy	-9742 Sep 26 j 05:54	4°♍06'20	-4.9m	
retrograde	-9742 Oct 06 j 10:17	6°♍07'39		
evening set	-9742 Oct 21 j 09:15	1°♍32'33		
	-9742 Oct 23 j 23:23	30°℞♌		
min. Earth dist.	-9742 Oct 26 j 16:34	28°♌17'06	0.27641 AU	
inferior conj	-9742 Oct 27 j 08:26	27°♌51'43	-1°07'22	
minimum elong	-9742 Oct 27 j 10:47	27°♌47'58	1°06'18	
asc. node	-9742 Oct 31 j 23:44	24°♌58'26		
morning rise	-9742 Nov 02 j 13:07	24°♌04'54		
direct	-9742 Nov 16 j 23:13	19°♌50'48		
greatest brilliancy	-9742 Nov 26 j 03:25	21°♌26'07	-4.8m	
	-9742 Dec 12 j 01:51	0°♍		
morning max el	-9741 Jan 04 j 23:24	20°♍20'03	46°01'26	
	-9741 Jan 14 j 18:28	0°♎		
	-9741 Feb 11 j 23:26	0°♏		
desc. node	-9741 Feb 22 j 00:01	11°♏10'48		
	-9741 Mar 10 j 12:04	0°♐		
	-9741 Apr 05 j 01:26	0°♑		
	-9741 Apr 29 j 22:06	0°♒		
	-9741 May 24 j 06:24	0°♓		
asc. node	-9741 Jun 13 j 15:02	25°♓26'38		
	-9741 Jun 17 j 06:01	0°♈		
greatest brilliancy	-9741 Jun 28 j 08:46	14°♈00'19	-3.9m	
morning set	-9741 Jun 30 j 03:18	16°♈14'33		
	-9741 Jul 11 j 00:29	0°♉		
	-9741 Aug 03 j 17:17	0°♊		
superior conj	-9741 Aug 09 j 01:47	6°♊46'18	1°23'13	
minimum elong	-9741 Aug 09 j 02:07	6°♊47'21	1°23'43	
max. Earth dist.	-9741 Aug 12 j 21:03	11°♊34'44	1.70758 AU	
	-9741 Aug 27 j 11:34	0°♋		
	-9741 Sep 20 j 09:35	0°♌		
evening rise	-9741 Sep 20 j 21:45	0°♌37'57		
desc. node	-9741 Oct 04 j 10:19	17°♌28'57		
	-9741 Oct 14 j 12:21	0°♍		
	-9741 Nov 07 j 19:54	0°♎		
	-9741 Dec 02 j 08:46	0°♏		
	-9741 Dec 27 j 05:35	0°♐		
	-9740 Jan 21 j 16:34	0°♑		
asc. node	-9740 Jan 24 j 04:50	2°♑54'13		
	-9740 Feb 17 j 05:40	0°♒		
	-9740 Mar 17 j 02:43	0°♓		
evening max el	-9740 Mar 19 j 17:13	2°♓29'28	45°26'27	
	-9740 Apr 26 j 19:53	0°♈		
greatest brilliancy	-9740 Apr 27 j 13:31	0°♈15'28	-4.8m	
retrograde	-9740 May 07 j 14:02	2°♈02'11		
desc. node	-9740 May 16 j 07:33	0°♈33'28		
	-9740 May 17 j 20:22	30°℞♓		
evening set	-9740 May 22 j 01:40	28°♓04'40		
inferior conj	-9740 May 28 j 11:15	24°♓27'29	-2°53'49	
minimum elong	-9740 May 28 j 04:55	24°♓36'53	2°52'06	
min. Earth dist.	-9740 May 28 j 19:03	24°♓15'56	0.26987 AU	
morning rise	-9740 Jun 03 j 07:35	21°♓06'51		
direct	-9740 Jun 18 j 10:19	16°♓45'51		
greatest brilliancy	-9740 Jun 29 j 15:27	19°♓05'17	-4.9m	
	-9740 Jul 17 j 11:19	0°♈		
morning max el	-9740 Aug 08 j 01:11	19°♈48'43	46°44'33	
	-9740 Aug 17 j 17:59	0°♉		
asc. node	-9740 Sep 05 j 03:46	20°♉35'42		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9740 Sep 13 j 06:09	0°♊	
	-9740 Oct 08 j 10:45	0°♋	
	-9740 Nov 02 j 05:54	0°♌	
	-9740 Nov 27 j 00:05	0°♍	
	-9740 Dec 21 j 19:13	0°♎	
desc. node	-9740 Dec 27 j 00:13	6°♎18'05	
	-9739 Jan 15 j 13:47	0°♏	
	-9739 Feb 09 j 05:29	0°♐	
morning set	-9739 Feb 11 j 02:06	2°♐16'10	
	-9739 Mar 05 j 17:01	0°♑	
max. Earth dist.	-9739 Mar 14 j 17:06	11°♑05'07	1.73371 AU
superior conj	-9739 Mar 18 j 12:45	15°♑47'43	-1°01'21
minimum elong	-9739 Mar 18 j 20:28	16°♑11'32	1°01'42
	-9739 Mar 30 j 00:33	0°♒	
asc. node	-9739 Apr 17 j 14:30	23°♒01'55	
evening rise	-9739 Apr 22 j 20:03	29°♒31'51	
	-9739 Apr 23 j 05:07	0°♓	
	-9739 May 17 j 07:57	0°♈	
	-9739 Jun 10 j 10:27	0°♉	
	-9739 Jul 04 j 14:32	0°♊	
	-9739 Jul 28 j 22:55	0°♋	
desc. node	-9739 Aug 08 j 12:35	12°♋54'28	
	-9739 Aug 22 j 15:26	0°♌	
	-9739 Sep 16 j 22:50	0°♍	
	-9739 Oct 13 j 14:11	0°♎	
evening max el	-9739 Oct 25 j 19:33	12°♎46'12	46°14'07
	-9739 Nov 13 j 11:57	0°♏	
asc. node	-9739 Nov 28 j 10:21	10°♏17'46	
greatest brilliancy	-9739 Dec 03 j 07:34	12°♏35'03	-4.8m
retrograde	-9739 Dec 14 j 14:39	14°♏57'12	
evening set	-9739 Dec 31 j 02:43	9°♏34'12	
inferior conj	-9738 Jan 04 j 23:01	6°♏31'09	7°03'56
minimum elong	-9738 Jan 04 j 15:31	6°♏43'15	7°02'36
min. Earth dist.	-9738 Jan 04 j 15:18	6°♏43'35	0.29408 AU
morning rise	-9738 Jan 09 j 04:37	3°♏50'43	
	-9738 Jan 16 j 17:02	30°℞♎	
direct	-9738 Jan 26 j 16:32	28°♎01'32	
greatest brilliancy	-9738 Feb 04 j 21:05	29°♎33'43	-4.7m
	-9738 Feb 06 j 03:58	0°♏	
morning max el	-9738 Mar 16 j 12:10	27°♏39'18	45°59'30
	-9738 Mar 18 j 22:56	0°♐	
desc. node	-9738 Mar 21 j 11:55	2°♐28'32	
	-9738 Apr 16 j 17:38	0°♑	
	-9738 May 13 j 01:06	0°♒	
	-9738 Jun 07 j 03:18	0°♓	
	-9738 Jul 01 j 12:06	0°♈	
asc. node	-9738 Jul 11 j 04:24	12°♈05'01	
	-9738 Jul 25 j 10:43	0°♉	
	-9738 Aug 18 j 04:55	0°♊	
	-9738 Sep 10 j 23:23	0°♋	
morning set	-9738 Sep 14 j 15:39	4°♋37'42	
	-9738 Oct 04 j 21:21	0°♌	
superior conj	-9738 Oct 27 j 01:33	27°♌36'16	0°11'07
minimum elong	-9738 Oct 27 j 04:35	27°♌45'41	0°11'21
behind sun begin	-9738 Oct 26 j 09:09	26°♌45'24	
behind sun end	-9738 Oct 28 j 00:02	28°♌45'58	
	-9738 Oct 28 j 23:55	0°♍	
desc. node	-9738 Oct 31 j 23:21	3°♍41'17	
max. Earth dist.	-9738 Nov 01 j 18:27	4°♍40'27	1.72371 AU
	-9738 Nov 22 j 06:29	0°♎	
evening rise	-9738 Dec 07 j 00:44	18°♎10'12	
	-9738 Dec 16 j 15:49	0°♏	
	-9737 Jan 10 j 03:33	0°♐	
	-9737 Feb 03 j 18:58	0°♑	
asc. node	-9737 Feb 20 j 16:06	20°♑22'35	
	-9737 Feb 28 j 16:47	0°♒	
	-9737 Mar 26 j 00:26	0°♓	
	-9737 Apr 20 j 23:12	0°♈	
	-9737 May 18 j 02:31	0°♉	
evening max el	-9737 Jun 02 j 10:00	15°♉46'26	47°09'50
desc. node	-9737 Jun 13 j 17:44	26°♉30'00	
	-9737 Jun 17 j 17:26	0°♊	
greatest brilliancy	-9737 Jul 13 j 17:53	16°♊39'05	-4.9m
retrograde	-9737 Jul 22 j 22:43	18°♊14'52	
evening set	-9737 Aug 09 j 19:59	12°♊10'31	
min. Earth dist.	-9737 Aug 12 j 05:06	10°♊43'52	0.26594 AU
inferior conj	-9737 Aug 12 j 15:38	10°♊27'44	-8°52'55
minimum elong	-9737 Aug 12 j 18:08	10°♊23'54	8°52'19
morning rise	-9737 Aug 15 j 16:22	8°♊37'44	
direct	-9737 Sep 01 j 20:16	2°♊54'59	
greatest brilliancy	-9737 Sep 11 j 19:29	4°♊48'59	-4.9m
asc. node	-9737 Oct 03 j 15:10	18°♊40'34	
	-9737 Oct 16 j 03:03	0°♋	
morning max el	-9737 Oct 22 j 03:00	5°♋56'05	46°28'43
	-9737 Nov 13 j 17:44	0°♌	
	-9737 Dec 10 j 06:25	0°♍	
	-9736 Jan 05 j 02:48	0°♎	
desc. node	-9736 Jan 24 j 13:23	22°♎51'32	
	-9736 Jan 30 j 14:11	0°♏	
	-9736 Feb 24 j 17:10	0°♐	
	-9736 Mar 20 j 11:28	0°♑	
	-9736 Apr 13 j 21:36	0°♒	
morning set	-9736 Apr 18 j 10:42	5°♒37'32	
	-9736 May 08 j 01:03	0°♓	
asc. node	-9736 May 15 j 03:41	8°♓53'10	
max. Earth dist.	-9736 May 20 j 11:42	15°♓34'00	1.71742 AU
superior conj	-9736 May 24 j 11:05	20°♓33'00	0°21'31
minimum elong	-9736 May 24 j 06:49	20°♓19'36	0°21'09
	-9736 May 31 j 23:44	0°♈	
	-9736 Jun 24 j 19:53	0°♉	
evening rise	-9736 Jul 01 j 01:01	7°♉49'34	
	-9736 Jul 18 j 15:52	0°♊	
	-9736 Aug 11 j 14:04	0°♋	
	-9736 Sep 04 j 16:33	0°♌	
desc. node	-9736 Sep 05 j 00:11	0°♌23'38	
	-9736 Sep 29 j 01:06	0°♍	
	-9736 Oct 23 j 18:21	0°♎	
	-9736 Nov 18 j 02:30	0°♏	
	-9736 Dec 14 j 17:49	0°♐	
asc. node	-9736 Dec 25 j 20:28	11°♐43'08	
evening max el	-9735 Jan 04 j 09:06	21°♐11'18	44°57'50
	-9735 Jan 13 j 23:13	0°♑	
greatest brilliancy	-9735 Feb 10 j 23:03	18°♑24'18	-4.7m
retrograde	-9735 Feb 21 j 10:28	20°♑21'57	
evening set	-9735 Mar 10 j 06:32	15°♑04'55	
inferior conj	-9735 Mar 14 j 20:14	12°♑19'58	6°38'04
minimum elong	-9735 Mar 15 j 04:41	12°♑06'56	6°36'09
min. Earth dist.	-9735 Mar 16 j 01:06	11°♑35'22	0.29027 AU
morning rise	-9735 Mar 20 j 02:13	9°♑09'46	
direct	-9735 Apr 05 j 17:48	3°♑56'32	
greatest brilliancy	-9735 Apr 17 j 02:01	6°♑13'24	-4.8m
desc. node	-9735 Apr 17 j 23:02	6°♑34'11	
	-9735 May 20 j 07:19	0°♒	
morning max el	-9735 May 25 j 12:49	5°♒01'47	46°24'27
	-9735 Jun 18 j 04:37	0°♓	
	-9735 Jul 14 j 03:32	0°♈	
asc. node	-9735 Aug 07 j 17:33	29°♈47'44	
	-9735 Aug 07 j 21:32	0°♉	
	-9735 Sep 01 j 02:22	0°♊	
	-9735 Sep 25 j 03:09	0°♋	
	-9735 Oct 19 j 05:29	0°♌	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9735 Nov 12 j 11:47	0°♍	
desc. node	-9735 Nov 28 j 12:45	19°♍43'31	
morning set	-9735 Nov 30 j 08:13	21°♍56'57	
	-9735 Dec 06 j 21:40	0°♎	
	-9735 Dec 31 j 09:06	0°♏	
max. Earth dist.	-9734 Jan 07 j 18:45	9°♏04'27	1.73717 AU
superior conj	-9734 Jan 08 j 12:17	9°♏58'09	-1°13'46
minimum elong	-9734 Jan 08 j 05:30	9°♏37'25	1°13'57
	-9734 Jan 24 j 20:16	0°♐	
evening rise	-9734 Feb 13 j 18:17	24°♐27'23	
	-9734 Feb 18 j 06:37	0°♑	
greatest brilliancy	-9734 Feb 18 j 10:36	0°♑12'11	-3.9m
	-9734 Mar 14 j 17:01	0°♒	
asc. node	-9734 Mar 20 j 04:03	6°♒41'43	
	-9734 Apr 08 j 04:46	0°♓	
	-9734 May 02 j 19:07	0°♈	
	-9734 May 27 j 13:48	0°♉	
	-9734 Jun 21 j 16:38	0°♊	
desc. node	-9734 Jul 11 j 03:54	22°♊43'30	
	-9734 Jul 17 j 12:50	0°♋	
evening max el	-9734 Aug 13 j 18:56	29°♋35'18	47°44'56
	-9734 Aug 14 j 04:38	0°♌	
	-9734 Sep 19 j 21:06	0°♍	
greatest brilliancy	-9734 Sep 23 j 22:08	1°♍46'16	-4.9m
retrograde	-9734 Oct 04 j 02:17	3°♍47'09	
	-9734 Oct 17 j 13:42	30°℞♌	
evening set	-9734 Oct 19 j 01:42	29°♌10'19	
inferior conj	-9734 Oct 24 j 23:27	25°♌31'47	-1°28'47
minimum elong	-9734 Oct 25 j 02:32	25°♌26'51	1°27'28
min. Earth dist.	-9734 Oct 24 j 07:42	25°♌56'56	0.27582 AU
morning rise	-9734 Oct 31 j 04:14	21°♌45'29	
asc. node	-9734 Oct 31 j 02:03	21°♌48'30	
direct	-9734 Nov 14 j 13:45	17°♌31'58	
greatest brilliancy	-9734 Nov 23 j 17:59	19°♌07'53	-4.8m
	-9734 Dec 12 j 19:26	0°♍	
morning max el	-9733 Jan 02 j 15:40	18°♍09'18	46°02'11
	-9733 Jan 14 j 13:47	0°♎	
	-9733 Feb 11 j 14:10	0°♏	
desc. node	-9733 Feb 21 j 02:16	10°♏38'06	
	-9733 Mar 10 j 00:53	0°♐	
	-9733 Apr 04 j 13:18	0°♑	
	-9733 Apr 29 j 09:29	0°♒	
	-9733 May 23 j 17:33	0°♓	
asc. node	-9733 Jun 12 j 17:04	24°♓58'15	
	-9733 Jun 16 j 17:05	0°♈	
greatest brilliancy	-9733 Jun 27 j 12:14	13°♈36'24	-3.9m
morning set	-9733 Jun 27 j 17:05	13°♈51'43	
	-9733 Jul 10 j 11:33	0°♉	
	-9733 Aug 03 j 04:22	0°♊	
superior conj	-9733 Aug 06 j 11:55	4°♊11'31	1°23'11
minimum elong	-9733 Aug 06 j 11:11	4°♊09'13	1°23'40
max. Earth dist.	-9733 Aug 10 j 02:14	8°♊44'21	1.70741 AU
	-9733 Aug 26 j 22:42	0°♋	
evening rise	-9733 Sep 18 j 04:52	27°♋55'17	
	-9733 Sep 19 j 20:48	0°♌	
desc. node	-9733 Oct 03 j 12:30	17°♌00'50	
	-9733 Oct 13 j 23:38	0°♍	
	-9733 Nov 07 j 07:18	0°♎	
	-9733 Dec 01 j 20:24	0°♏	
	-9733 Dec 26 j 17:44	0°♐	
	-9732 Jan 21 j 05:51	0°♑	
asc. node	-9732 Jan 23 j 07:08	2°♑22'10	
	-9732 Feb 16 j 21:30	0°♒	
	-9732 Mar 17 j 01:45	0°♓	
evening max el	-9732 Mar 17 j 07:54	0°♓14'35	45°23'38
greatest brilliancy	-9732 Apr 25 j 01:47	27°♓53'49	-4.8m
retrograde	-9732 May 05 j 02:07	29°♓39'57	
desc. node	-9732 May 15 j 09:40	27°♓37'21	
evening set	-9732 May 19 j 13:32	25°♓43'46	
inferior conj	-9732 May 25 j 23:56	22°♓05'09	-2°31'50
minimum elong	-9732 May 25 j 18:20	22°♓13'29	2°30'21
min. Earth dist.	-9732 May 26 j 09:08	21°♓51'29	0.27037 AU
morning rise	-9732 May 31 j 22:29	18°♓41'04	
direct	-9732 Jun 16 j 00:09	14°♓22'33	
greatest brilliancy	-9732 Jun 27 j 05:45	16°♓41'58	-4.9m
	-9732 Jul 18 j 00:27	0°♈	
morning max el	-9732 Aug 05 j 13:58	17°♈21'00	46°44'20
	-9732 Aug 17 j 13:26	0°♉	
asc. node	-9732 Sep 04 j 06:03	19°♉55'21	
	-9732 Sep 12 j 21:29	0°♊	
	-9732 Oct 08 j 00:20	0°♋	
	-9732 Nov 01 j 18:30	0°♌	
	-9732 Nov 26 j 12:03	0°♍	
	-9732 Dec 21 j 06:43	0°♎	
desc. node	-9732 Dec 26 j 02:14	5°♎49'37	
	-9731 Jan 15 j 00:56	0°♏	
morning set	-9731 Feb 08 j 20:29	0°♐12'28	
	-9731 Feb 08 j 16:24	0°♐	
	-9731 Mar 05 j 03:49	0°♑	
max. Earth dist.	-9731 Mar 12 j 12:53	9°♑04'58	1.73405 AU
superior conj	-9731 Mar 16 j 08:35	13°♑47'37	-1°03'14
minimum elong	-9731 Mar 16 j 16:12	14°♑11'06	1°03'34
	-9731 Mar 29 j 11:22	0°♒	
asc. node	-9731 Apr 16 j 16:43	22°♒35'03	
evening rise	-9731 Apr 20 j 15:21	27°♒28'45	
	-9731 Apr 22 j 16:04	0°♓	
	-9731 May 16 j 19:08	0°♈	
	-9731 Jun 09 j 21:59	0°♉	
	-9731 Jul 04 j 02:30	0°♊	
	-9731 Jul 28 j 11:26	0°♋	
desc. node	-9731 Aug 07 j 14:50	12°♋22'24	
	-9731 Aug 22 j 04:47	0°♌	
	-9731 Sep 16 j 13:39	0°♍	
	-9731 Oct 13 j 08:31	0°♎	
evening max el	-9731 Oct 23 j 10:47	10°♎29'50	46°17'43
	-9731 Nov 13 j 22:21	0°♏	
asc. node	-9731 Nov 27 j 12:28	8°♏51'22	
greatest brilliancy	-9731 Dec 01 j 02:06	10°♏27'57	-4.8m
retrograde	-9731 Dec 12 j 07:49	12°♏49'15	
evening set	-9731 Dec 28 j 17:48	7°♏29'51	
inferior conj	-9730 Jan 02 j 16:26	4°♏23'10	6°54'55
minimum elong	-9730 Jan 02 j 08:38	4°♏35'45	6°53'31
min. Earth dist.	-9730 Jan 02 j 07:59	4°♏36'48	0.29367 AU
morning rise	-9730 Jan 06 j 23:45	1°♏39'48	
	-9730 Jan 09 j 21:05	30°℞♎	
direct	-9730 Jan 24 j 08:52	25°♎54'09	
greatest brilliancy	-9730 Feb 02 j 12:57	27°♎25'34	-4.7m
	-9730 Feb 08 j 20:02	0°♏	
morning max el	-9730 Mar 14 j 03:22	25°♏28'17	45°59'08
	-9730 Mar 18 j 20:02	0°♐	
desc. node	-9730 Mar 20 j 14:06	1°♐43'39	
	-9730 Apr 16 j 08:58	0°♑	
	-9730 May 12 j 14:21	0°♒	
	-9730 Jun 06 j 15:35	0°♓	
	-9730 Jun 30 j 23:53	0°♈	
asc. node	-9730 Jul 10 j 06:37	11°♈35'24	
	-9730 Jul 24 j 22:16	0°♉	
	-9730 Aug 17 j 16:21	0°♊	
	-9730 Sep 10 j 10:46	0°♋	
morning set	-9730 Sep 12 j 00:55	2°♋00'06	
	-9730 Oct 04 j 08:39	0°♌	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

superior conj	-9730 Oct 24 j 11:05	25°♌02'08	0°14'55
minimum elong	-9730 Oct 24 j 15:08	25°♌14'41	0°15'06
behind sun begin	-9730 Oct 24 j 05:06	24°♌43'34	
behind sun end	-9730 Oct 25 j 01:09	25°♌45'48	
	-9730 Oct 28 j 11:08	0°♍	
max. Earth dist.	-9730 Oct 30 j 09:06	2°♍22'27	1.72300 AU
desc. node	-9730 Oct 31 j 01:24	3°♍12'55	
	-9730 Nov 21 j 17:38	0°♎	
evening rise	-9730 Dec 04 j 14:44	15°♎51'20	
	-9730 Dec 16 j 02:59	0°♏	
	-9729 Jan 09 j 14:51	0°♐	
	-9729 Feb 03 j 06:36	0°♑	
asc. node	-9729 Feb 19 j 18:24	19°♑53'28	
	-9729 Feb 28 j 05:02	0°♒	
	-9729 Mar 25 j 13:45	0°♓	
	-9729 Apr 20 j 14:30	0°♈	
	-9729 May 17 j 22:03	0°♉	
evening max el	-9729 May 30 j 21:48	13°♉17'36	47°06'29
desc. node	-9729 Jun 12 j 19:53	25°♉25'47	
	-9729 Jun 18 j 04:44	0°♊	
greatest brilliancy	-9729 Jul 11 j 06:12	14°♊08'32	-4.9m
retrograde	-9729 Jul 20 j 10:24	15°♊44'02	
evening set	-9729 Aug 07 j 08:08	9°♊40'16	
min. Earth dist.	-9729 Aug 09 j 17:33	8°♊13'28	0.26587 AU
inferior conj	-9729 Aug 10 j 03:49	7°♊57'46	-8°54'56
minimum elong	-9729 Aug 10 j 05:23	7°♊55'23	8°54'23
morning rise	-9729 Aug 13 j 02:40	6°♊10'46	
direct	-9729 Aug 30 j 07:58	0°♊25'03	
greatest brilliancy	-9729 Sep 09 j 09:11	2°♊20'35	-4.9m
asc. node	-9729 Oct 02 j 17:26	17°♊31'06	
	-9729 Oct 16 j 04:27	0°♋	
morning max el	-9729 Oct 19 j 15:58	3°♋28'41	46°29'43
	-9729 Nov 13 j 11:03	0°♌	
	-9729 Dec 09 j 20:52	0°♍	
	-9728 Jan 04 j 15:47	0°♎	
desc. node	-9728 Jan 23 j 15:40	22°♎21'54	
	-9728 Jan 30 j 02:17	0°♏	
	-9728 Feb 24 j 04:44	0°♐	
	-9728 Mar 19 j 22:43	0°♑	
	-9728 Apr 13 j 08:43	0°♒	
morning set	-9728 Apr 16 j 05:39	3°♒33'14	
	-9728 May 07 j 12:07	0°♓	
asc. node	-9728 May 14 j 05:45	8°♓24'55	
max. Earth dist.	-9728 May 18 j 04:41	13°♓22'04	1.71800 AU
superior conj	-9728 May 22 j 04:07	18°♓21'02	0°18'23
minimum elong	-9728 May 22 j 00:28	18°♓09'35	0°18'01
	-9728 May 31 j 10:52	0°♈	
	-9728 Jun 24 j 07:09	0°♉	
evening rise	-9728 Jun 28 j 14:58	5°♉26'50	
	-9728 Jul 18 j 03:18	0°♊	
	-9728 Aug 11 j 01:41	0°♋	
desc. node	-9728 Sep 04 j 02:21	29°♋53'37	
	-9728 Sep 04 j 04:25	0°♌	
	-9728 Sep 28 j 13:21	0°♍	
	-9728 Oct 23 j 07:13	0°♎	
	-9728 Nov 17 j 16:36	0°♏	
	-9728 Dec 14 j 10:55	0°♐	
asc. node	-9728 Dec 24 j 22:49	10°♐59'30	
evening max el	-9727 Jan 02 j 00:50	19°♐00'01	44°59'05
	-9727 Jan 14 j 03:44	0°♑	
greatest brilliancy	-9727 Feb 08 j 13:17	16°♑13'58	-4.7m
retrograde	-9727 Feb 19 j 02:55	18°♑13'26	
evening set	-9727 Mar 08 j 00:49	12°♑52'14	
inferior conj	-9727 Mar 12 j 12:21	10°♑10'01	6°48'25
minimum elong	-9727 Mar 12 j 20:32	9°♑57'22	6°46'37
min. Earth dist.	-9727 Mar 13 j 16:17	9°♑26'50	0.29089 AU
morning rise	-9727 Mar 17 j 15:44	7°♑03'29	
direct	-9727 Apr 03 j 10:44	1°♑45'31	
greatest brilliancy	-9727 Apr 14 j 16:58	4°♑01'01	-4.8m
desc. node	-9727 Apr 17 j 01:12	4°♑59'11	
	-9727 May 20 j 07:38	0°♒	
morning max el	-9727 May 23 j 05:51	2°♒50'20	46°23'30
	-9727 Jun 17 j 21:17	0°♓	
	-9727 Jul 13 j 17:42	0°♈	
asc. node	-9727 Aug 06 j 19:49	29°♈14'44	
	-9727 Aug 07 j 10:31	0°♉	
	-9727 Aug 31 j 14:43	0°♊	
	-9727 Sep 24 j 15:06	0°♋	
	-9727 Oct 18 j 17:09	0°♌	
	-9727 Nov 11 j 23:16	0°♍	
morning set	-9727 Nov 27 j 21:02	19°♍34'05	
desc. node	-9727 Nov 27 j 14:47	19°♍14'52	
	-9727 Dec 06 j 08:58	0°♎	
	-9727 Dec 30 j 20:17	0°♏	
max. Earth dist.	-9726 Jan 05 j 16:10	7°♏08'49	1.73700 AU
superior conj	-9726 Jan 06 j 04:54	7°♏47'51	-1°12'24
minimum elong	-9726 Jan 05 j 21:40	7°♏25'39	1°12'33
	-9726 Jan 24 j 07:22	0°♐	
evening rise	-9726 Feb 11 j 13:20	22°♐24'19	
greatest brilliancy	-9726 Feb 17 j 03:55	29°♐17'26	-3.9m
	-9726 Feb 17 j 17:47	0°♑	
	-9726 Mar 14 j 04:24	0°♒	
asc. node	-9726 Mar 19 j 06:15	6°♒13'21	
	-9726 Apr 07 j 16:34	0°♓	
	-9726 May 02 j 07:32	0°♈	
	-9726 May 27 j 03:04	0°♉	
	-9726 Jun 21 j 07:10	0°♊	
desc. node	-9726 Jul 10 j 06:15	22°♊04'03	
	-9726 Jul 17 j 05:43	0°♋	
evening max el	-9726 Aug 11 j 11:40	27°♋18'11	47°46'22
	-9726 Aug 14 j 03:44	0°♌	
greatest brilliancy	-9726 Sep 21 j 14:21	29°♌25'54	-4.9m
	-9726 Sep 23 j 05:19	0°♍	
retrograde	-9726 Oct 01 j 18:19	1°♍26'09	
	-9726 Oct 09 j 22:58	30°℞♌	
evening set	-9726 Oct 16 j 18:28	26°♌47'42	
min. Earth dist.	-9726 Oct 21 j 22:50	23°♌36'37	0.27523 AU
inferior conj	-9726 Oct 22 j 14:36	23°♌11'27	-1°49'57
minimum elong	-9726 Oct 22 j 18:24	23°♌05'23	1°48'24
morning rise	-9726 Oct 28 j 19:18	19°♌25'49	
asc. node	-9726 Oct 30 j 04:12	18°♌42'03	
direct	-9726 Nov 12 j 04:45	15°♌12'59	
greatest brilliancy	-9726 Nov 21 j 08:26	16°♌48'54	-4.8m
	-9726 Dec 13 j 08:53	0°♍	
morning max el	-9726 Dec 31 j 07:44	15°♍57'03	46°02'38
	-9725 Jan 14 j 08:57	0°♎	
	-9725 Feb 11 j 05:08	0°♏	
desc. node	-9725 Feb 20 j 04:23	10°♏03'59	
	-9725 Mar 09 j 14:03	0°♐	
	-9725 Apr 04 j 01:31	0°♑	
	-9725 Apr 28 j 21:12	0°♒	
	-9725 May 23 j 05:02	0°♓	
asc. node	-9725 Jun 11 j 19:16	24°♓29'17	
	-9725 Jun 16 j 04:30	0°♈	
morning set	-9725 Jun 25 j 06:55	11°♈27'59	
	-9725 Jul 09 j 22:58	0°♉	
	-9725 Aug 02 j 15:48	0°♊	
superior conj	-9725 Aug 03 j 22:23	1°♊36'42	1°22'59
minimum elong	-9725 Aug 03 j 20:37	1°♊31'06	1°23'27
max. Earth dist.	-9725 Aug 07 j 04:19	5°♊43'03	1.70723 AU
	-9725 Aug 26 j 10:09	0°♋	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

evening rise	-9725 Sep 15 j 12:11	25°♋12'11	
	-9725 Sep 19 j 08:17	0°♌	
desc. node	-9725 Oct 02 j 14:35	16°♌31'36	
	-9725 Oct 13 j 11:10	0°♍	
	-9725 Nov 06 j 18:56	0°♎	
	-9725 Dec 01 j 08:17	0°♏	
	-9725 Dec 26 j 06:13	0°♐	
	-9724 Jan 20 j 19:35	0°♑	
asc. node	-9724 Jan 22 j 09:26	1°♑48'54	
	-9724 Feb 16 j 14:00	0°♒	
evening max el	-9724 Mar 14 j 21:56	27°♒57'03	45°20'53
	-9724 Mar 17 j 02:21	0°♓	
greatest brilliancy	-9724 Apr 22 j 14:31	25°♓31'50	-4.8m
retrograde	-9724 May 02 j 13:48	27°♓17'10	
desc. node	-9724 May 14 j 11:50	24°♓35'29	
evening set	-9724 May 17 j 01:40	23°♓21'46	
inferior conj	-9724 May 23 j 12:42	19°♓42'17	-2°09'41
minimum elong	-9724 May 23 j 07:52	19°♓49'29	2°08'26
min. Earth dist.	-9724 May 23 j 23:36	19°♓26'03	0.27088 AU
morning rise	-9724 May 29 j 13:18	16°♓14'54	
direct	-9724 Jun 13 j 13:31	11°♓58'27	
greatest brilliancy	-9724 Jun 24 j 20:43	14°♓18'39	-4.9m
	-9724 Jul 18 j 10:42	0°♈	
morning max el	-9724 Aug 03 j 02:07	14°♈50'43	46°44'10
	-9724 Aug 17 j 08:42	0°♉	
asc. node	-9724 Sep 03 j 08:10	19°♉13'59	
	-9724 Sep 12 j 12:56	0°♊	
	-9724 Oct 07 j 14:04	0°♋	
	-9724 Nov 01 j 07:17	0°♌	
	-9724 Nov 26 j 00:11	0°♍	
	-9724 Dec 20 j 18:22	0°♎	
desc. node	-9724 Dec 25 j 04:30	5°♎21'25	
	-9723 Jan 14 j 12:15	0°♏	
morning set	-9723 Feb 06 j 14:53	28°♏08'10	
	-9723 Feb 08 j 03:30	0°♐	
	-9723 Mar 04 j 14:51	0°♑	
max. Earth dist.	-9723 Mar 10 j 08:09	7°♑02'30	1.73445 AU
superior conj	-9723 Mar 14 j 04:26	11°♑46'49	-1°05'00
minimum elong	-9723 Mar 14 j 11:54	12°♑09'51	1°05'22
	-9723 Mar 28 j 22:26	0°♒	
asc. node	-9723 Apr 15 j 18:48	22°♒06'52	
evening rise	-9723 Apr 18 j 10:36	25°♒24'45	
	-9723 Apr 22 j 03:17	0°♓	
	-9723 May 16 j 06:36	0°♈	
	-9723 Jun 09 j 09:46	0°♉	
	-9723 Jul 03 j 14:44	0°♊	
	-9723 Jul 28 j 00:16	0°♋	
desc. node	-9723 Aug 06 j 17:01	11°♋49'13	
	-9723 Aug 21 j 18:27	0°♌	
	-9723 Sep 16 j 04:51	0°♍	
	-9723 Oct 13 j 03:29	0°♎	
evening max el	-9723 Oct 21 j 01:43	8°♎12'11	46°21'30
	-9723 Nov 14 j 12:25	0°♏	
asc. node	-9723 Nov 26 j 14:48	7°♏22'20	
greatest brilliancy	-9723 Nov 28 j 20:30	8°♏20'31	-4.8m
retrograde	-9723 Dec 10 j 01:18	10°♏41'41	
evening set	-9723 Dec 26 j 09:05	5°♏25'38	
inferior conj	-9723 Dec 31 j 10:05	2°♏15'33	6°45'23
minimum elong	-9723 Dec 31 j 02:01	2°♏28'35	6°43'53
min. Earth dist.	-9723 Dec 31 j 00:56	2°♏30'20	0.29324 AU
	-9722 Jan 03 j 23:09	30°℞♎	
morning rise	-9722 Jan 04 j 19:12	29°♎29'16	
direct	-9722 Jan 22 j 01:09	23°♎47'03	
greatest brilliancy	-9722 Jan 31 j 05:25	25°♎18'21	-4.7m
	-9722 Feb 10 j 11:37	0°♏	
morning max el	-9722 Mar 11 j 19:00	23°♏18'13	45°58'40
	-9722 Mar 18 j 16:30	0°♐	
desc. node	-9722 Mar 19 j 16:15	0°♐59'06	
	-9722 Apr 16 j 00:14	0°♑	
	-9722 May 12 j 03:43	0°♒	
	-9722 Jun 06 j 04:01	0°♓	
	-9722 Jun 30 j 11:50	0°♈	
asc. node	-9722 Jul 09 j 08:53	11°♈05'26	
	-9722 Jul 24 j 09:57	0°♉	
	-9722 Aug 17 j 03:54	0°♊	
morning set	-9722 Sep 09 j 10:10	29°♊21'55	
	-9722 Sep 09 j 22:15	0°♋	
	-9722 Oct 03 j 20:04	0°♌	
superior conj	-9722 Oct 21 j 20:33	22°♌27'19	0°18'41
minimum elong	-9722 Oct 22 j 01:35	22°♌42'57	0°18'52
	-9722 Oct 27 j 22:28	0°♍	
max. Earth dist.	-9722 Oct 27 j 20:47	29°♌54'48	1.72228 AU
desc. node	-9722 Oct 30 j 03:31	2°♍44'24	
	-9722 Nov 21 j 04:53	0°♎	
evening rise	-9722 Dec 02 j 04:42	13°♎32'06	
	-9722 Dec 15 j 14:13	0°♏	
	-9721 Jan 09 j 02:11	0°♐	
	-9721 Feb 02 j 18:16	0°♑	
asc. node	-9721 Feb 18 j 20:36	19°♑24'01	
	-9721 Feb 27 j 17:19	0°♒	
	-9721 Mar 25 j 03:13	0°♓	
	-9721 Apr 20 j 06:06	0°♈	
	-9721 May 17 j 18:20	0°♉	
evening max el	-9721 May 28 j 10:11	10°♉49'59	47°03'00
desc. node	-9721 Jun 11 j 22:15	24°♉19'47	
	-9721 Jun 18 j 19:58	0°♊	
greatest brilliancy	-9721 Jul 08 j 17:52	11°♊36'43	-4.9m
retrograde	-9721 Jul 17 j 22:29	13°♊12'43	
evening set	-9721 Aug 04 j 19:33	7°♊10'09	
min. Earth dist.	-9721 Aug 07 j 05:34	5°♊42'49	0.26579 AU
inferior conj	-9721 Aug 07 j 15:52	5°♊27'09	-8°55'49
minimum elong	-9721 Aug 07 j 16:27	5°♊26'16	8°55'20
morning rise	-9721 Aug 10 j 13:23	3°♊42'30	
	-9721 Aug 17 j 18:57	30°℞♉	
direct	-9721 Aug 27 j 20:07	27°♉54'33	
greatest brilliancy	-9721 Sep 06 j 22:25	29°♉51'24	-4.9m
	-9721 Sep 07 j 07:35	0°♊	
asc. node	-9721 Oct 01 j 19:39	16°♊23'14	
	-9721 Oct 16 j 04:41	0°♋	
morning max el	-9721 Oct 17 j 05:43	1°♋03'09	46°30'44
	-9721 Nov 13 j 04:02	0°♌	
	-9721 Dec 09 j 11:09	0°♍	
	-9720 Jan 04 j 04:38	0°♎	
desc. node	-9720 Jan 22 j 17:43	21°♎51'52	
	-9720 Jan 29 j 14:17	0°♏	
	-9720 Feb 23 j 16:12	0°♐	
	-9720 Mar 19 j 09:52	0°♑	
	-9720 Apr 12 j 19:42	0°♒	
morning set	-9720 Apr 14 j 01:02	1°♒30'43	
	-9720 May 06 j 23:06	0°♓	
asc. node	-9720 May 13 j 08:02	7°♓57'38	
max. Earth dist.	-9720 May 15 j 21:28	11°♓09'47	1.71865 AU
superior conj	-9720 May 19 j 21:26	16°♓10'16	0°15'14
minimum elong	-9720 May 19 j 18:25	16°♓00'48	0°14'54
behind sun begin	-9720 May 19 j 09:54	15°♓34'06	
behind sun end	-9720 May 20 j 02:56	16°♓27'31	
	-9720 May 30 j 21:58	0°♈	
	-9720 Jun 23 j 18:25	0°♉	
evening rise	-9720 Jun 26 j 05:02	3°♉04'29	
	-9720 Jul 17 j 14:45	0°♊	
	-9720 Aug 10 j 13:19	0°♋	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

desc. node	-9720 Sep 03 j 04:27	29°♋23'24	
	-9720 Sep 03 j 16:17	0°♌	
	-9720 Sep 28 j 01:35	0°♍	
	-9720 Oct 22 j 20:05	0°♎	
	-9720 Nov 17 j 06:44	0°♏	
	-9720 Dec 14 j 04:12	0°♐	
asc. node	-9720 Dec 24 j 01:10	10°♐15'40	
evening max el	-9720 Dec 30 j 17:24	16°♐51'13	45°00'27
	-9719 Jan 14 j 09:57	0°♑	
greatest brilliancy	-9719 Feb 06 j 04:24	14°♑05'49	-4.7m
retrograde	-9719 Feb 16 j 19:37	16°♑06'24	
evening set	-9719 Mar 05 j 19:25	10°♑41'34	
inferior conj	-9719 Mar 10 j 04:51	8°♑01'51	6°58'00
minimum elong	-9719 Mar 10 j 12:42	7°♑49'39	6°56'20
min. Earth dist.	-9719 Mar 11 j 07:38	7°♑20'19	0.29143 AU
morning rise	-9719 Mar 15 j 05:35	4°♑58'51	
	-9719 Mar 27 j 17:20	30°℞♐	
direct	-9719 Apr 01 j 04:11	29°♐36'38	
	-9719 Apr 05 j 17:15	0°♑	
greatest brilliancy	-9719 Apr 12 j 07:35	1°♑49'51	-4.7m
desc. node	-9719 Apr 16 j 03:21	3°♑28'49	
	-9719 May 20 j 06:29	0°♒	
morning max el	-9719 May 20 j 22:28	0°♒39'06	46°22'20
	-9719 Jun 17 j 13:24	0°♓	
	-9719 Jul 13 j 07:33	0°♈	
asc. node	-9719 Aug 05 j 21:56	28°♈41'42	
	-9719 Aug 06 j 23:20	0°♉	
	-9719 Aug 31 j 02:56	0°♊	
	-9719 Sep 24 j 02:56	0°♋	
	-9719 Oct 18 j 04:43	0°♌	
	-9719 Nov 11 j 10:35	0°♍	
morning set	-9719 Nov 25 j 09:38	17°♍10'57	
desc. node	-9719 Nov 26 j 17:03	18°♍47'27	
	-9719 Dec 05 j 20:06	0°♎	
	-9719 Dec 30 j 07:16	0°♏	
superior conj	-9718 Jan 03 j 21:24	5°♏37'37	-1°10'55
minimum elong	-9718 Jan 03 j 13:43	5°♏14'05	1°11'01
max. Earth dist.	-9718 Jan 03 j 14:53	5°♏17'39	1.73678 AU
	-9718 Jan 23 j 18:17	0°♐	
evening rise	-9718 Feb 09 j 08:29	20°♐22'12	
greatest brilliancy	-9718 Feb 16 j 02:35	28°♐39'44	-3.9m
	-9718 Feb 17 j 04:44	0°♑	
	-9718 Mar 13 j 15:33	0°♒	
asc. node	-9718 Mar 18 j 08:25	5°♒45'43	
	-9718 Apr 07 j 04:05	0°♓	
	-9718 May 01 j 19:38	0°♈	
	-9718 May 26 j 16:02	0°♉	
	-9718 Jun 20 j 21:32	0°♊	
desc. node	-9718 Jul 09 j 08:23	21°♊24'13	
	-9718 Jul 16 j 22:42	0°♋	
evening max el	-9718 Aug 09 j 04:14	25°♋00'45	47°47'16
	-9718 Aug 14 j 03:44	0°♌	
greatest brilliancy	-9718 Sep 19 j 06:46	27°♌05'12	-4.9m
retrograde	-9718 Sep 29 j 09:45	29°♌04'00	
evening set	-9718 Oct 14 j 11:04	24°♌24'05	
min. Earth dist.	-9718 Oct 19 j 13:54	21°♌15'02	0.27465 AU
inferior conj	-9718 Oct 20 j 05:25	20°♌50'16	-2°11'12
minimum elong	-9718 Oct 20 j 09:56	20°♌43'05	2°09'27
morning rise	-9718 Oct 26 j 09:46	17°♌05'20	
asc. node	-9718 Oct 29 j 06:32	15°♌37'59	
direct	-9718 Nov 09 j 19:19	12°♌53'18	
greatest brilliancy	-9718 Nov 18 j 22:50	14°♌29'14	-4.8m
	-9718 Dec 13 j 18:53	0°♍	
morning max el	-9718 Dec 28 j 22:43	13°♍42'20	46°03'14
	-9717 Jan 14 j 03:26	0°♎	
	-9717 Feb 10 j 19:40	0°♏	

desc. node	-9717 Feb 19 j 06:30	9°♏30'48	
	-9717 Mar 09 j 02:51	0°♐	
	-9717 Apr 03 j 13:24	0°♑	
	-9717 Apr 28 j 08:36	0°♒	
	-9717 May 22 j 16:11	0°♓	
asc. node	-9717 Jun 10 j 21:32	24°♓01'44	
	-9717 Jun 15 j 15:32	0°♈	
morning set	-9717 Jun 22 j 21:23	9°♈07'30	
	-9717 Jul 09 j 10:00	0°♉	
superior conj	-9717 Aug 01 j 09:21	29°♉04'32	1°22'36
minimum elong	-9717 Aug 01 j 06:36	28°♉55'51	1°23'03
	-9717 Aug 02 j 02:54	0°♊	
max. Earth dist.	-9717 Aug 04 j 04:05	2°♊35'29	1.70718 AU
	-9717 Aug 25 j 21:20	0°♋	
evening rise	-9717 Sep 12 j 19:18	22°♋29'05	
	-9717 Sep 18 j 19:33	0°♌	
desc. node	-9717 Oct 01 j 16:46	16°♌03'15	
	-9717 Oct 12 j 22:32	0°♍	
	-9717 Nov 06 j 06:25	0°♎	
	-9717 Nov 30 j 20:02	0°♏	
	-9717 Dec 25 j 18:34	0°♐	
	-9716 Jan 20 j 09:13	0°♑	
asc. node	-9716 Jan 21 j 11:35	1°♑15'41	
	-9716 Feb 16 j 06:32	0°♒	
evening max el	-9716 Mar 12 j 11:10	25°♒38'36	45°18'20
	-9716 Mar 17 j 03:49	0°♓	
greatest brilliancy	-9716 Apr 20 j 03:30	23°♓11'32	-4.8m
retrograde	-9716 Apr 30 j 01:46	24°♓56'26	
desc. node	-9716 May 13 j 14:12	21°♓30'56	
evening set	-9716 May 14 j 14:10	21°♓01'08	
inferior conj	-9716 May 21 j 01:40	17°♓21'20	-1°47'33
minimum elong	-9716 May 20 j 21:38	17°♓27'21	1°46'33
min. Earth dist.	-9716 May 21 j 14:23	17°♓02'24	0.27139 AU
morning rise	-9716 May 27 j 04:09	13°♓51'04	
direct	-9716 Jun 11 j 02:44	9°♓36'07	
greatest brilliancy	-9716 Jun 22 j 12:16	11°♓57'55	-4.9m
	-9716 Jul 18 j 17:35	0°♈	
morning max el	-9716 Jul 31 j 14:29	12°♈22'32	46°44'04
	-9716 Aug 17 j 02:57	0°♉	
asc. node	-9716 Sep 02 j 10:26	18°♉34'45	
	-9716 Sep 12 j 03:45	0°♊	
	-9716 Oct 07 j 03:22	0°♋	
	-9716 Oct 31 j 19:44	0°♌	
	-9716 Nov 25 j 12:03	0°♍	
	-9716 Dec 20 j 05:49	0°♎	
desc. node	-9716 Dec 24 j 06:34	4°♎53'12	
	-9715 Jan 13 j 23:21	0°♏	
morning set	-9715 Feb 04 j 08:44	26°♏02'54	
	-9715 Feb 07 j 14:23	0°♐	
	-9715 Mar 04 j 01:39	0°♑	
max. Earth dist.	-9715 Mar 08 j 04:22	5°♑03'48	1.73483 AU
superior conj	-9715 Mar 12 j 00:02	9°♑46'04	-1°06'42
minimum elong	-9715 Mar 12 j 07:20	10°♑08'36	1°07'06
	-9715 Mar 28 j 09:17	0°♒	
asc. node	-9715 Apr 14 j 21:05	21°♒40'04	
evening rise	-9715 Apr 16 j 05:52	23°♒21'43	
	-9715 Apr 21 j 14:16	0°♓	
	-9715 May 15 j 17:48	0°♈	
	-9715 Jun 08 j 21:18	0°♉	
	-9715 Jul 03 j 02:40	0°♊	
	-9715 Jul 27 j 12:45	0°♋	
desc. node	-9715 Aug 05 j 19:10	11°♋17'02	
	-9715 Aug 21 j 07:48	0°♌	
	-9715 Sep 15 j 19:51	0°♍	
	-9715 Oct 12 j 22:39	0°♎	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

evening max el	-9715 Oct 18 j 16:39	5°♎55'06	46°25'04
	-9715 Nov 15 j 07:14	0°♏	
asc. node	-9715 Nov 25 j 17:09	5°♏50'10	
greatest brilliancy	-9715 Nov 26 j 14:07	6°♏11'53	-4.8m
retrograde	-9715 Dec 07 j 18:45	8°♏33'41	
evening set	-9715 Dec 24 j 00:02	3°♏20'41	
min. Earth dist.	-9715 Dec 28 j 17:26	0°♏23'23	0.29283 AU
inferior conj	-9715 Dec 29 j 03:26	0°♏07'16	6°35'07
minimum elong	-9715 Dec 28 j 19:09	0°♏20'38	6°33'31
	-9715 Dec 29 j 07:56	30°℞♎	
morning rise	-9714 Jan 02 j 14:30	27°♎18'07	
direct	-9714 Jan 19 j 17:16	21°♎39'10	
greatest brilliancy	-9714 Jan 28 j 21:39	23°♎10'38	-4.7m
	-9714 Feb 11 j 15:17	0°♏	
morning max el	-9714 Mar 09 j 11:11	21°♏09'46	45°58'20
desc. node	-9714 Mar 18 j 18:29	0°♐15'40	
	-9714 Mar 18 j 12:15	0°♐	
	-9714 Apr 15 j 15:09	0°♑	
	-9714 May 11 j 16:46	0°♒	
	-9714 Jun 05 j 16:10	0°♓	
	-9714 Jun 29 j 23:30	0°♈	
asc. node	-9714 Jul 08 j 10:55	10°♈35'29	
	-9714 Jul 23 j 21:22	0°♉	
	-9714 Aug 16 j 15:12	0°♊	
morning set	-9714 Sep 06 j 19:54	26°♊46'08	
	-9714 Sep 09 j 09:26	0°♋	
	-9714 Oct 03 j 07:09	0°♌	
superior conj	-9714 Oct 19 j 06:12	19°♌53'51	0°22'24
minimum elong	-9714 Oct 19 j 12:12	20°♌12'29	0°22'34
max. Earth dist.	-9714 Oct 25 j 07:57	27°♌26'23	1.72162 AU
	-9714 Oct 27 j 09:29	0°♍	
desc. node	-9714 Oct 29 j 05:45	2°♍17'09	
	-9714 Nov 20 j 15:54	0°♎	
evening rise	-9714 Nov 29 j 18:36	11°♎13'19	
	-9714 Dec 15 j 01:16	0°♏	
	-9713 Jan 08 j 13:24	0°♐	
	-9713 Feb 02 j 05:49	0°♑	
asc. node	-9713 Feb 17 j 22:48	18°♑54'53	
	-9713 Feb 27 j 05:33	0°♒	
	-9713 Mar 24 j 16:39	0°♓	
	-9713 Apr 19 j 21:47	0°♈	
	-9713 May 17 j 15:05	0°♉	
evening max el	-9713 May 25 j 23:24	8°♉25'07	46°59'34
desc. node	-9713 Jun 11 j 00:23	23°♉11'54	
	-9713 Jun 19 j 15:53	0°♊	
greatest brilliancy	-9713 Jul 06 j 04:47	9°♊04'41	-4.9m
retrograde	-9713 Jul 15 j 10:55	10°♊41'46	
evening set	-9713 Aug 02 j 06:22	4°♊41'07	
min. Earth dist.	-9713 Aug 04 j 17:08	3°♊12'59	0.26569 AU
inferior conj	-9713 Aug 05 j 03:48	2°♊56'48	-8°55'45
minimum elong	-9713 Aug 05 j 03:25	2°♊57'23	8°55'16
morning rise	-9713 Aug 08 j 00:29	1°♊13'46	
	-9713 Aug 10 j 04:04	30°℞♉	
direct	-9713 Aug 25 j 08:44	25°♉24'34	
greatest brilliancy	-9713 Sep 04 j 10:57	27°♉21'55	-4.9m
	-9713 Sep 10 j 05:49	0°♊	
asc. node	-9713 Sep 30 j 21:55	15°♊17'55	
morning max el	-9713 Oct 14 j 19:52	28°♊39'18	46°31'49
	-9713 Oct 16 j 03:35	0°♋	
	-9713 Nov 12 j 20:25	0°♌	
	-9713 Dec 09 j 01:02	0°♍	
	-9712 Jan 03 j 17:15	0°♎	
desc. node	-9712 Jan 21 j 19:48	21°♎22'24	
	-9712 Jan 29 j 02:08	0°♏	
	-9712 Feb 23 j 03:35	0°♐	
	-9712 Mar 18 j 20:57	0°♑	
morning set	-9712 Apr 11 j 20:09	29°♑27'36	
	-9712 Apr 12 j 06:38	0°♒	
	-9712 May 06 j 10:01	0°♓	
asc. node	-9712 May 12 j 10:12	7°♓30'13	
max. Earth dist.	-9712 May 13 j 12:34	8°♓52'37	1.71926 AU
superior conj	-9712 May 17 j 14:35	13°♓59'17	0°12'05
minimum elong	-9712 May 17 j 12:12	13°♓51'51	0°11'44
behind sun begin	-9712 May 16 j 20:32	13°♓02'47	
behind sun end	-9712 May 18 j 03:53	14°♓40'55	
	-9712 May 30 j 08:59	0°♈	
	-9712 Jun 23 j 05:36	0°♉	
evening rise	-9712 Jun 23 j 19:05	0°♉42'25	
	-9712 Jul 17 j 02:07	0°♊	
	-9712 Aug 10 j 00:54	0°♋	
desc. node	-9712 Sep 02 j 06:42	28°♋53'46	
	-9712 Sep 03 j 04:06	0°♌	
	-9712 Sep 27 j 13:45	0°♍	
	-9712 Oct 22 j 08:53	0°♎	
	-9712 Nov 16 j 20:51	0°♏	
	-9712 Dec 13 j 21:42	0°♐	
asc. node	-9712 Dec 23 j 03:17	9°♐30'55	
evening max el	-9712 Dec 28 j 09:43	14°♐42'00	45°01'42
	-9711 Jan 14 j 18:32	0°♑	
greatest brilliancy	-9711 Feb 03 j 19:58	11°♑58'07	-4.7m
retrograde	-9711 Feb 14 j 11:44	13°♑59'03	
evening set	-9711 Mar 03 j 13:51	8°♑30'52	
inferior conj	-9711 Mar 07 j 21:16	5°♑53'28	7°07'02
minimum elong	-9711 Mar 08 j 04:45	5°♑41'49	7°05'29
min. Earth dist.	-9711 Mar 08 j 23:03	5°♑13'22	0.29198 AU
morning rise	-9711 Mar 12 j 19:19	2°♑53'51	
	-9711 Mar 18 j 10:40	30°℞♐	
direct	-9711 Mar 29 j 21:24	27°♐27'30	
greatest brilliancy	-9711 Apr 09 j 22:12	29°♐38'13	-4.7m
	-9711 Apr 10 j 20:34	0°♑	
desc. node	-9711 Apr 15 j 05:39	2°♑01'02	
morning max el	-9711 May 18 j 14:08	28°♑25'11	46°21'13
	-9711 May 20 j 04:37	0°♒	
	-9711 Jun 17 j 05:23	0°♓	
	-9711 Jul 12 j 21:21	0°♈	
asc. node	-9711 Aug 05 j 00:08	28°♈09'03	
	-9711 Aug 06 j 12:06	0°♉	
	-9711 Aug 30 j 15:07	0°♊	
	-9711 Sep 23 j 14:45	0°♋	
	-9711 Oct 17 j 16:15	0°♌	
	-9711 Nov 10 j 21:54	0°♍	
morning set	-9711 Nov 22 j 22:21	14°♍48'07	
desc. node	-9711 Nov 25 j 19:04	18°♍19'19	
	-9711 Dec 05 j 07:13	0°♎	
	-9711 Dec 29 j 18:14	0°♏	
superior conj	-9710 Jan 01 j 13:57	3°♏27'38	-1°09'20
minimum elong	-9710 Jan 01 j 05:52	3°♏02'51	1°09'24
max. Earth dist.	-9710 Jan 01 j 14:09	3°♏28'14	1.73652 AU
	-9710 Jan 23 j 05:11	0°♐	
evening rise	-9710 Feb 07 j 03:41	18°♐20'11	
greatest brilliancy	-9710 Feb 15 j 00:12	27°♐58'41	-3.9m
	-9710 Feb 16 j 15:44	0°♑	
	-9710 Mar 13 j 02:48	0°♒	
asc. node	-9710 Mar 17 j 10:42	5°♒18'03	
	-9710 Apr 06 j 15:47	0°♓	
	-9710 May 01 j 07:59	0°♈	
	-9710 May 26 j 05:17	0°♉	
	-9710 Jun 20 j 12:13	0°♊	
desc. node	-9710 Jul 08 j 10:34	20°♊43'41	
	-9710 Jul 16 j 16:08	0°♋	
evening max el	-9710 Aug 06 j 19:42	22°♋40'06	47°48'08

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9710 Aug 14 j 05:01	0°♌	
greatest brilliancy	-9710 Sep 16 j 23:39	24°♌44'39	-4.9m
retrograde	-9710 Sep 27 j 00:39	26°♌41'19	
evening set	-9710 Oct 12 j 03:48	21°♌59'48	
min. Earth dist.	-9710 Oct 17 j 05:17	18°♌52'38	0.27406 AU
inferior conj	-9710 Oct 17 j 20:14	18°♌28'45	-2°32'28
minimum elong	-9710 Oct 18 j 01:26	18°♌20'27	2°30'29
morning rise	-9710 Oct 23 j 23:59	14°♌44'34	
asc. node	-9710 Oct 28 j 08:50	12°♌37'53	
direct	-9710 Nov 07 j 09:27	10°♌33'07	
greatest brilliancy	-9710 Nov 16 j 13:46	12°♌09'34	-4.8m
	-9710 Dec 14 j 02:20	0°♍	
morning max el	-9710 Dec 26 j 12:51	11°♍25'04	46°03'58
	-9709 Jan 13 j 21:33	0°♎	
	-9709 Feb 10 j 10:07	0°♏	
desc. node	-9709 Feb 18 j 08:43	8°♏57'54	
	-9709 Mar 08 j 15:39	0°♐	
	-9709 Apr 03 j 01:22	0°♑	
	-9709 Apr 27 j 20:09	0°♒	
	-9709 May 22 j 03:33	0°♓	
asc. node	-9709 Jun 09 j 23:34	23°♓32'37	
	-9709 Jun 15 j 02:51	0°♈	
morning set	-9709 Jun 20 j 11:41	6°♈45'37	
	-9709 Jul 08 j 21:18	0°♉	
superior conj	-9709 Jul 29 j 20:09	26°♉31'02	1°22'03
minimum elong	-9709 Jul 29 j 16:27	26°♉19'22	1°22'27
max. Earth dist.	-9709 Aug 01 j 01:28	29°♉19'39	1.70713 AU
	-9709 Aug 01 j 14:14	0°♊	
	-9709 Aug 25 j 08:44	0°♋	
evening rise	-9709 Sep 10 j 02:18	19°♋44'55	
	-9709 Sep 18 j 07:02	0°♌	
desc. node	-9709 Sep 30 j 18:58	15°♌34'20	
	-9709 Oct 12 j 10:04	0°♍	
	-9709 Nov 05 j 18:05	0°♎	
	-9709 Nov 30 j 07:59	0°♏	
	-9709 Dec 25 j 07:08	0°♐	
	-9708 Jan 19 j 23:07	0°♑	
asc. node	-9708 Jan 20 j 13:55	0°♑42'23	
	-9708 Feb 15 j 23:31	0°♒	
evening max el	-9708 Mar 10 j 00:03	23°♒19'12	45°15'53
	-9708 Mar 17 j 06:52	0°♓	
greatest brilliancy	-9708 Apr 17 j 15:55	20°♓50'29	-4.8m
retrograde	-9708 Apr 27 j 14:10	22°♓35'44	
evening set	-9708 May 12 j 02:57	18°♓39'46	
desc. node	-9708 May 12 j 16:17	18°♓22'34	
inferior conj	-9708 May 18 j 14:42	14°♓59'55	-1°25'21
minimum elong	-9708 May 18 j 11:29	15°♓04'43	1°24'35
min. Earth dist.	-9708 May 19 j 05:04	14°♓38'33	0.27201 AU
morning rise	-9708 May 24 j 18:58	11°♓27'12	
direct	-9708 Jun 08 j 16:18	7°♓13'01	
greatest brilliancy	-9708 Jun 20 j 04:06	9°♓36'51	-4.9m
	-9708 Jul 18 j 22:54	0°♈	
morning max el	-9708 Jul 29 j 03:49	9°♈55'41	46°43'54
	-9708 Aug 16 j 21:14	0°♉	
asc. node	-9708 Sep 01 j 12:42	17°♉54'38	
	-9708 Sep 11 j 18:48	0°♊	
	-9708 Oct 06 j 16:55	0°♋	
	-9708 Oct 31 j 08:24	0°♌	
	-9708 Nov 25 j 00:08	0°♍	
	-9708 Dec 19 j 17:27	0°♎	
desc. node	-9708 Dec 23 j 08:36	4°♎24'14	
	-9707 Jan 13 j 10:40	0°♏	
morning set	-9707 Feb 02 j 02:45	23°♏57'22	
	-9707 Feb 07 j 01:30	0°♐	
	-9707 Mar 03 j 12:39	0°♑	
max. Earth dist.	-9707 Mar 06 j 02:28	3°♑10'12	1.73517 AU
superior conj	-9707 Mar 09 j 19:57	7°♑45'43	-1°08'19
minimum elong	-9707 Mar 10 j 03:04	8°♑07'37	1°08'42
	-9707 Mar 27 j 20:19	0°♒	
asc. node	-9707 Apr 13 j 23:17	21°♒12'28	
evening rise	-9707 Apr 14 j 01:32	21°♒19'27	
	-9707 Apr 21 j 01:26	0°♓	
	-9707 May 15 j 05:15	0°♈	
	-9707 Jun 08 j 09:08	0°♉	
	-9707 Jul 02 j 15:00	0°♊	
	-9707 Jul 27 j 01:43	0°♋	
desc. node	-9707 Aug 04 j 21:26	10°♋43'46	
	-9707 Aug 20 j 21:42	0°♌	
	-9707 Sep 15 j 11:29	0°♍	
	-9707 Oct 12 j 18:47	0°♎	
evening max el	-9707 Oct 16 j 08:10	3°♎38'26	46°28'54
	-9707 Nov 16 j 09:40	0°♏	
greatest brilliancy	-9707 Nov 24 j 07:25	4°♏01'56	-4.8m
asc. node	-9707 Nov 24 j 19:16	4°♏13'38	
retrograde	-9707 Dec 05 j 12:46	6°♏24'47	
evening set	-9707 Dec 21 j 15:06	1°♏14'41	
	-9707 Dec 23 j 16:14	30°℞♎	
inferior conj	-9707 Dec 26 j 20:47	27°♎57'58	6°24'20
minimum elong	-9707 Dec 26 j 12:20	28°♎11'35	6°22'39
min. Earth dist.	-9707 Dec 26 j 09:40	28°♎15'53	0.29237 AU
morning rise	-9707 Dec 31 j 09:52	25°♎06'02	
direct	-9706 Jan 17 j 09:46	19°♎30'25	
greatest brilliancy	-9706 Jan 26 j 13:23	21°♎01'41	-4.7m
	-9706 Feb 12 j 11:54	0°♏	
morning max el	-9706 Mar 07 j 04:15	19°♏02'52	45°58'06
desc. node	-9706 Mar 17 j 20:39	29°♏32'01	
	-9706 Mar 18 j 07:42	0°♐	
	-9706 Apr 15 j 06:05	0°♑	
	-9706 May 11 j 05:55	0°♒	
	-9706 Jun 05 j 04:28	0°♓	
	-9706 Jun 29 j 11:22	0°♈	
asc. node	-9706 Jul 07 j 13:09	10°♈05'34	
	-9706 Jul 23 j 09:03	0°♉	
	-9706 Aug 16 j 02:48	0°♊	
morning set	-9706 Sep 04 j 05:19	24°♊08'05	
	-9706 Sep 08 j 20:59	0°♋	
	-9706 Oct 02 j 18:38	0°♌	
superior conj	-9706 Oct 16 j 15:08	17°♌16'46	0°26'09
minimum elong	-9706 Oct 16 j 22:03	17°♌38'19	0°26'16
max. Earth dist.	-9706 Oct 22 j 18:43	24°♌55'26	1.72093 AU
	-9706 Oct 26 j 20:53	0°♍	
desc. node	-9706 Oct 28 j 07:48	1°♍48'11	
	-9706 Nov 20 j 03:15	0°♎	
evening rise	-9706 Nov 27 j 07:56	8°♎51'50	
	-9706 Dec 14 j 12:37	0°♏	
	-9705 Jan 08 j 00:54	0°♐	
	-9705 Feb 01 j 17:40	0°♑	
asc. node	-9705 Feb 17 j 01:06	18°♑25'07	
	-9705 Feb 26 j 18:05	0°♒	
	-9705 Mar 24 j 06:26	0°♓	
	-9705 Apr 19 j 13:54	0°♈	
	-9705 May 17 j 12:41	0°♉	
evening max el	-9705 May 23 j 13:21	6°♉01'57	46°56'03
desc. node	-9705 Jun 10 j 02:35	22°♉01'59	
	-9705 Jun 20 j 18:52	0°♊	
greatest brilliancy	-9705 Jul 03 j 15:16	6°♊32'13	-4.9m
retrograde	-9705 Jul 12 j 23:28	8°♊10'29	
evening set	-9705 Jul 30 j 16:42	2°♊12'44	
min. Earth dist.	-9705 Aug 02 j 04:35	0°♊43'01	0.26565 AU
inferior conj	-9705 Aug 02 j 15:46	0°♊26'05	-8°54'29
minimum elong	-9705 Aug 02 j 14:26	0°♊28'06	8°53'59
	-9705 Aug 03 j 09:02	30°℞♉	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

morning rise	-9705 Aug 05 j 12:14	28°♉43'37	
direct	-9705 Aug 22 j 21:41	22°♉54'24	
greatest brilliancy	-9705 Sep 01 j 23:15	24°♉51'24	-4.9m
	-9705 Sep 12 j 00:39	0°♊	
asc. node	-9705 Sep 30 j 00:10	14°♊13'12	
morning max el	-9705 Oct 12 j 09:47	26°♊13'41	46°32'35
	-9705 Oct 16 j 02:00	0°♋	
	-9705 Nov 12 j 12:57	0°♌	
	-9705 Dec 08 j 15:12	0°♍	
	-9704 Jan 03 j 06:08	0°♎	
desc. node	-9704 Jan 20 j 22:05	20°♎52'44	
	-9704 Jan 28 j 14:13	0°♏	
	-9704 Feb 22 j 15:09	0°♐	
	-9704 Mar 18 j 08:13	0°♑	
morning set	-9704 Apr 09 j 15:28	27°♑24'36	
	-9704 Apr 11 j 17:46	0°♒	
	-9704 May 05 j 21:08	0°♓	
max. Earth dist.	-9704 May 11 j 02:33	6°♓31'33	1.71985 AU
asc. node	-9704 May 11 j 12:17	7°♓01'57	
superior conj	-9704 May 15 j 08:13	11°♓49'26	0°08'56
minimum elong	-9704 May 15 j 06:29	11°♓43'59	0°08'36
behind sun begin	-9704 May 14 j 11:09	10°♓43'30	
behind sun end	-9704 May 16 j 01:49	12°♓44'28	
	-9704 May 29 j 20:11	0°♈	
evening rise	-9704 Jun 21 j 09:47	28°♈22'01	
	-9704 Jun 22 j 16:56	0°♉	
	-9704 Jul 16 j 13:38	0°♊	
	-9704 Aug 09 j 12:37	0°♋	
desc. node	-9704 Sep 01 j 08:52	28°♋23'25	
	-9704 Sep 02 j 16:07	0°♌	
	-9704 Sep 27 j 02:11	0°♍	
	-9704 Oct 21 j 22:01	0°♎	
	-9704 Nov 16 j 11:25	0°♏	
	-9704 Dec 13 j 15:57	0°♐	
asc. node	-9704 Dec 22 j 05:39	8°♐45'17	
evening max el	-9704 Dec 26 j 01:22	12°♐30'09	45°03'11
	-9703 Jan 15 j 06:36	0°♑	
greatest brilliancy	-9703 Feb 01 j 12:18	9°♑50'44	-4.7m
retrograde	-9703 Feb 12 j 03:40	11°♑51'34	
evening set	-9703 Mar 01 j 08:21	6°♑20'09	
inferior conj	-9703 Mar 05 j 13:53	3°♑45'05	7°15'28
minimum elong	-9703 Mar 05 j 20:57	3°♑34'02	7°14'02
min. Earth dist.	-9703 Mar 06 j 14:52	3°♑06'04	0.29246 AU
morning rise	-9703 Mar 10 j 09:12	0°♑48'47	
	-9703 Mar 11 j 19:27	30°℞♐	
direct	-9703 Mar 27 j 14:11	25°♐18'23	
greatest brilliancy	-9703 Apr 07 j 13:13	27°♐26'56	-4.7m
	-9703 Apr 13 j 05:09	0°♑	
desc. node	-9703 Apr 14 j 07:47	0°♑35'38	
morning max el	-9703 May 16 j 05:10	26°♑09'38	46°20'10
	-9703 May 20 j 02:04	0°♒	
	-9703 Jun 16 j 21:11	0°♓	
	-9703 Jul 12 j 11:06	0°♈	
asc. node	-9703 Aug 04 j 02:23	27°♈36'32	
	-9703 Aug 06 j 00:50	0°♉	
	-9703 Aug 30 j 03:17	0°♊	
	-9703 Sep 23 j 02:33	0°♋	
	-9703 Oct 17 j 03:50	0°♌	
	-9703 Nov 10 j 09:18	0°♍	
morning set	-9703 Nov 20 j 10:44	12°♍23'47	
desc. node	-9703 Nov 24 j 21:10	17°♍51'02	
	-9703 Dec 04 j 18:28	0°♎	
	-9703 Dec 29 j 05:20	0°♏	
superior conj	-9703 Dec 30 j 06:01	1°♏15'39	-1°07'37
minimum elong	-9703 Dec 29 j 21:35	0°♏49'50	1°07'38
max. Earth dist.	-9703 Dec 30 j 11:09	1°♏31'24	1.73624 AU
	-9702 Jan 22 j 16:14	0°♐	
evening rise	-9702 Feb 04 j 22:25	16°♐16'19	
greatest brilliancy	-9702 Feb 13 j 18:54	27°♐08'23	-3.9m
	-9702 Feb 16 j 02:50	0°♑	
	-9702 Mar 12 j 14:09	0°♒	
asc. node	-9702 Mar 16 j 12:52	4°♒49'50	
	-9702 Apr 06 j 03:33	0°♓	
	-9702 Apr 30 j 20:24	0°♈	
	-9702 May 25 j 18:39	0°♉	
	-9702 Jun 20 j 03:04	0°♊	
desc. node	-9702 Jul 07 j 12:55	20°♊03'13	
	-9702 Jul 16 j 09:56	0°♋	
evening max el	-9702 Aug 04 j 10:12	20°♋17'00	47°48'51
	-9702 Aug 14 j 07:34	0°♌	
greatest brilliancy	-9702 Sep 14 j 16:41	22°♌24'19	-4.9m
retrograde	-9702 Sep 24 j 15:07	24°♌18'49	
evening set	-9702 Oct 09 j 20:37	19°♌35'18	
inferior conj	-9702 Oct 15 j 11:02	16°♌07'26	-2°53'24
minimum elong	-9702 Oct 15 j 16:54	15°♌58'05	2°51'14
min. Earth dist.	-9702 Oct 14 j 20:50	16°♌30'07	0.27352 AU
morning rise	-9702 Oct 21 j 14:00	12°♌24'14	
asc. node	-9702 Oct 27 j 10:57	9°♌43'01	
direct	-9702 Nov 04 j 23:10	8°♌12'56	
greatest brilliancy	-9702 Nov 14 j 05:05	9°♌50'28	-4.8m
	-9702 Dec 14 j 07:34	0°♍	
morning max el	-9702 Dec 24 j 02:40	9°♍06'50	46°04'39
	-9701 Jan 13 j 15:16	0°♎	
	-9701 Feb 10 j 00:26	0°♏	
desc. node	-9701 Feb 17 j 10:50	8°♏24'45	
	-9701 Mar 08 j 04:24	0°♐	
	-9701 Apr 02 j 13:17	0°♑	
	-9701 Apr 27 j 07:37	0°♒	
	-9701 May 21 j 14:48	0°♓	
asc. node	-9701 Jun 09 j 01:47	23°♓04'32	
	-9701 Jun 14 j 14:01	0°♈	
morning set	-9701 Jun 18 j 02:10	4°♈24'52	
	-9701 Jul 08 j 08:29	0°♉	
superior conj	-9701 Jul 27 j 07:13	23°♉58'43	1°21'20
minimum elong	-9701 Jul 27 j 02:37	23°♉44'10	1°21'42
max. Earth dist.	-9701 Jul 29 j 01:32	26°♉12'31	1.70715 AU
	-9701 Aug 01 j 01:28	0°♊	
	-9701 Aug 24 j 20:02	0°♋	
evening rise	-9701 Sep 07 j 09:37	17°♋02'04	
	-9701 Sep 17 j 18:23	0°♌	
desc. node	-9701 Sep 29 j 21:02	15°♌05'27	
	-9701 Oct 11 j 21:28	0°♍	
	-9701 Nov 05 j 05:36	0°♎	
	-9701 Nov 29 j 19:49	0°♏	
	-9701 Dec 24 j 19:39	0°♐	
asc. node	-9700 Jan 19 j 16:10	0°♑08'52	
	-9700 Jan 19 j 13:03	0°♑	
	-9700 Feb 15 j 16:47	0°♒	
evening max el	-9700 Mar 07 j 13:36	21°♒01'47	45°13'40
	-9700 Mar 17 j 11:31	0°♓	
greatest brilliancy	-9700 Apr 15 j 03:54	18°♓29'34	-4.7m
retrograde	-9700 Apr 25 j 03:17	20°♓15'45	
evening set	-9700 May 09 j 16:00	16°♓18'54	
desc. node	-9700 May 11 j 18:30	15°♓11'40	
inferior conj	-9700 May 16 j 03:45	12°♓39'08	-1°03'01
minimum elong	-9700 May 16 j 01:21	12°♓42'42	1°02'32
min. Earth dist.	-9700 May 16 j 19:24	12°♓15'53	0.27262 AU
morning rise	-9700 May 22 j 09:40	9°♓04'24	
direct	-9700 Jun 06 j 06:14	4°♓50'44	
greatest brilliancy	-9700 Jun 17 j 19:21	7°♓16'02	-4.9m
	-9700 Jul 19 j 02:09	0°♈	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

morning max el	-9700 Jul 26 j 18:07	7°♈32'17	46°43'36
	-9700 Aug 16 j 14:52	0°♉	
asc. node	-9700 Aug 31 j 14:49	17°♉15'14	
	-9700 Sep 11 j 09:27	0°♊	
	-9700 Oct 06 j 06:09	0°♋	
	-9700 Oct 30 j 20:48	0°♌	
	-9700 Nov 24 j 11:56	0°♍	
	-9700 Dec 19 j 04:49	0°♎	
desc. node	-9700 Dec 22 j 10:53	3°♎56'46	
	-9699 Jan 12 j 21:44	0°♏	
morning set	-9699 Jan 30 j 20:33	21°♏51'51	
	-9699 Feb 06 j 12:23	0°♐	
	-9699 Mar 02 j 23:29	0°♑	
max. Earth dist.	-9699 Mar 04 j 01:29	1°♑20'00	1.73552 AU
superior conj	-9699 Mar 07 j 15:37	5°♑45'10	-1°09'50
minimum elong	-9699 Mar 07 j 22:29	6°♑06'18	1°10'15
	-9699 Mar 27 j 07:10	0°♒	
evening rise	-9699 Apr 11 j 20:58	19°♒17'02	
asc. node	-9699 Apr 13 j 01:21	20°♒44'56	
	-9699 Apr 20 j 12:27	0°♓	
	-9699 May 14 j 16:31	0°♈	
	-9699 Jun 07 j 20:46	0°♉	
	-9699 Jul 02 j 03:06	0°♊	
	-9699 Jul 26 j 14:27	0°♋	
desc. node	-9699 Aug 03 j 23:35	10°♋10'49	
	-9699 Aug 20 j 11:24	0°♌	
	-9699 Sep 15 j 03:02	0°♍	
	-9699 Oct 12 j 15:15	0°♎	
evening max el	-9699 Oct 14 j 00:42	1°♎25'05	46°32'44
	-9699 Nov 17 j 22:57	0°♏	
greatest brilliancy	-9699 Nov 22 j 00:41	1°♏52'40	-4.8m
asc. node	-9699 Nov 23 j 21:38	2°♏34'47	
retrograde	-9699 Dec 03 j 07:01	4°♏16'23	
	-9699 Dec 17 j 18:48	30°℞♎	
evening set	-9699 Dec 19 j 06:11	29°♎09'24	
min. Earth dist.	-9699 Dec 24 j 01:36	26°♎09'22	0.29186 AU
inferior conj	-9699 Dec 24 j 14:03	25°♎49'18	6°12'54
minimum elong	-9699 Dec 24 j 05:30	26°♎03'05	6°11'09
morning rise	-9699 Dec 29 j 05:13	22°♎54'30	
direct	-9698 Jan 15 j 02:36	17°♎22'34	
greatest brilliancy	-9698 Jan 24 j 04:26	18°♎52'55	-4.7m
	-9698 Feb 13 j 02:48	0°♏	
morning max el	-9698 Mar 04 j 21:24	16°♏57'13	45°57'42
desc. node	-9698 Mar 16 j 22:48	28°♏49'48	
	-9698 Mar 18 j 02:16	0°♐	
	-9698 Apr 14 j 20:34	0°♑	
	-9698 May 10 j 18:46	0°♒	
	-9698 Jun 04 j 16:30	0°♓	
	-9698 Jun 28 j 22:59	0°♈	
asc. node	-9698 Jul 06 j 15:23	9°♈36'27	
	-9698 Jul 22 j 20:26	0°♉	
	-9698 Aug 15 j 14:04	0°♊	
morning set	-9698 Sep 01 j 14:48	21°♊31'17	
	-9698 Sep 08 j 08:12	0°♋	
	-9698 Oct 02 j 05:47	0°♌	
superior conj	-9698 Oct 13 j 23:55	14°♌40'03	0°29'51
minimum elong	-9698 Oct 14 j 07:43	15°♌04'21	0°29'58
max. Earth dist.	-9698 Oct 20 j 07:27	22°♌31'22	1.72027 AU
	-9698 Oct 26 j 07:59	0°♍	
desc. node	-9698 Oct 27 j 09:54	1°♍20'22	
	-9698 Nov 19 j 14:18	0°♎	
evening rise	-9698 Nov 24 j 21:04	6°♎30'33	
	-9698 Dec 13 j 23:41	0°♏	
	-9697 Jan 07 j 12:05	0°♐	
	-9697 Feb 01 j 05:12	0°♑	
asc. node	-9697 Feb 16 j 03:16	17°♑55'54	
	-9697 Feb 26 j 06:20	0°♒	
	-9697 Mar 23 j 20:01	0°♓	
	-9697 Apr 19 j 06:03	0°♈	
	-9697 May 17 j 10:54	0°♉	
evening max el	-9697 May 21 j 03:20	3°♉39'26	46°52'17
desc. node	-9697 Jun 09 j 04:56	20°♉50'44	
	-9697 Jun 22 j 08:28	0°♊	
greatest brilliancy	-9697 Jul 01 j 02:06	4°♊00'32	-4.9m
retrograde	-9697 Jul 10 j 11:35	5°♊39'08	
	-9697 Jul 27 j 16:30	30°℞♉	
evening set	-9697 Jul 28 j 02:20	29°♉45'35	
min. Earth dist.	-9697 Jul 30 j 16:09	28°♉13'00	0.26556 AU
inferior conj	-9697 Jul 31 j 03:34	27°♉55'43	-8°52'06
minimum elong	-9697 Jul 31 j 01:17	27°♉59'11	8°51'35
morning rise	-9697 Aug 03 j 00:18	26°♉12'56	
direct	-9697 Aug 20 j 10:16	20°♉24'43	
greatest brilliancy	-9697 Aug 30 j 11:29	22°♉21'17	-4.9m
	-9697 Sep 13 j 05:51	0°♊	
asc. node	-9697 Sep 29 j 02:22	13°♊10'51	
morning max el	-9697 Oct 09 j 22:32	23°♊45'52	46°33'22
	-9697 Oct 15 j 23:15	0°♋	
	-9697 Nov 12 j 04:52	0°♌	
	-9697 Dec 08 j 04:54	0°♍	
	-9696 Jan 02 j 18:37	0°♎	
desc. node	-9696 Jan 20 j 00:05	20°♎23'17	
	-9696 Jan 28 j 01:57	0°♏	
	-9696 Feb 22 j 02:23	0°♐	
	-9696 Mar 17 j 19:09	0°♑	
morning set	-9696 Apr 07 j 10:53	25°♑22'58	
	-9696 Apr 11 j 04:34	0°♒	
	-9696 May 05 j 07:58	0°♓	
max. Earth dist.	-9696 May 08 j 17:11	4°♓13'27	1.72053 AU
asc. node	-9696 May 10 j 14:33	6°♓35'10	
superior conj	-9696 May 13 j 02:00	9°♓40'57	0°05'48
minimum elong	-9696 May 13 j 00:53	9°♓37'28	0°05'29
behind sun begin	-9696 May 12 j 03:29	8°♓30'34	
behind sun end	-9696 May 13 j 22:18	10°♓44'24	
	-9696 May 29 j 07:09	0°♈	
evening rise	-9696 Jun 19 j 00:33	26°♈02'33	
	-9696 Jun 22 j 04:05	0°♉	
	-9696 Jul 16 j 00:57	0°♊	
	-9696 Aug 09 j 00:10	0°♋	
desc. node	-9696 Aug 31 j 10:58	27°♋53'24	
	-9696 Sep 02 j 03:56	0°♌	
	-9696 Sep 26 j 14:24	0°♍	
	-9696 Oct 21 j 10:57	0°♎	
	-9696 Nov 16 j 01:51	0°♏	
	-9696 Dec 13 j 10:20	0°♐	
asc. node	-9696 Dec 21 j 07:57	7°♐59'36	
evening max el	-9696 Dec 23 j 16:18	10°♐17'14	45°04'47
	-9695 Jan 15 j 22:17	0°♑	
greatest brilliancy	-9695 Jan 30 j 04:47	7°♑44'19	-4.7m
retrograde	-9695 Feb 09 j 19:39	9°♑45'19	
evening set	-9695 Feb 27 j 02:47	4°♑10'39	
inferior conj	-9695 Mar 03 j 06:36	1°♑37'53	7°23'07
minimum elong	-9695 Mar 03 j 13:13	1°♑27'31	7°21'49
min. Earth dist.	-9695 Mar 04 j 07:03	0°♑59'38	0.29292 AU
	-9695 Mar 05 j 21:28	30°℞♐	
morning rise	-9695 Mar 07 j 23:17	28°♐44'58	
direct	-9695 Mar 25 j 06:35	23°♐10'21	
greatest brilliancy	-9695 Apr 05 j 04:47	25°♐17'31	-4.7m
desc. node	-9695 Apr 13 j 09:57	29°♐13'57	
	-9695 Apr 14 j 17:05	0°♑	
morning max el	-9695 May 13 j 19:58	23°♑54'31	46°19'10
	-9695 May 19 j 22:26	0°♒	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9695 Jun 16 j 12:30	0°♓		
	-9695 Jul 12 j 00:32	0°♈		
asc. node	-9695 Aug 03 j 04:27	27°♈04'07		
	-9695 Aug 05 j 13:21	0°♉		
	-9695 Aug 29 j 15:17	0°♊		
	-9695 Sep 22 j 14:14	0°♋		
	-9695 Oct 16 j 15:16	0°♌		
	-9695 Nov 09 j 20:31	0°♍		
morning set	-9695 Nov 17 j 22:46	9°♍58'46		
desc. node	-9695 Nov 23 j 23:23	17°♍23'48		
	-9695 Dec 04 j 05:30	0°♎		
superior conj	-9695 Dec 27 j 21:52	29°♎03'40	-1°05'47	
minimum elong	-9695 Dec 27 j 13:09	28°♎36'57	1°05'46	
max. Earth dist.	-9695 Dec 28 j 06:45	29°♎30'52	1.73594 AU	
	-9695 Dec 28 j 16:15	0°♏		
	-9694 Jan 22 j 03:06	0°♐		
evening rise	-9694 Feb 02 j 17:07	14°♐12'56		
greatest brilliancy	-9694 Feb 12 j 14:50	26°♐22'20	-3.9m	
	-9694 Feb 15 j 13:48	0°♑		
	-9694 Mar 12 j 01:21	0°♒		
asc. node	-9694 Mar 15 j 15:03	4°♒22'06		
	-9694 Apr 05 j 15:11	0°♓		
	-9694 Apr 30 j 08:40	0°♈		
	-9694 May 25 j 07:53	0°♉		
	-9694 Jun 19 j 17:56	0°♊		
desc. node	-9694 Jul 06 j 15:00	19°♊21'56		
	-9694 Jul 16 j 04:01	0°♋		
evening max el	-9694 Aug 01 j 23:53	17°♋51'53	47°49'17	
	-9694 Aug 14 j 11:43	0°♌		
greatest brilliancy	-9694 Sep 12 j 09:27	20°♌02'51	-4.9m	
retrograde	-9694 Sep 22 j 05:24	21°♌55'30		
evening set	-9694 Oct 07 j 13:17	17°♌09'26		
min. Earth dist.	-9694 Oct 12 j 12:10	14°♌06'32	0.27301 AU	
inferior conj	-9694 Oct 13 j 01:35	13°♌45'10	-3°14'15	
minimum elong	-9694 Oct 13 j 08:04	13°♌34'49	3°11'55	
morning rise	-9694 Oct 19 j 03:35	10°♌03'26		
asc. node	-9694 Oct 26 j 13:17	6°♌52'06		
direct	-9694 Nov 02 j 12:25	5°♌51'36		
greatest brilliancy	-9694 Nov 11 j 20:20	7°♌30'42	-4.8m	
	-9694 Dec 14 j 11:01	0°♍		
morning max el	-9694 Dec 21 j 16:54	6°♍49'22	46°05'29	
	-9693 Jan 13 j 08:32	0°♎		
	-9693 Feb 09 j 14:31	0°♏		
desc. node	-9693 Feb 16 j 12:57	7°♏52'03		
	-9693 Mar 07 j 16:59	0°♐		
	-9693 Apr 02 j 01:06	0°♑		
	-9693 Apr 26 j 19:00	0°♒		
	-9693 May 21 j 01:59	0°♓		
asc. node	-9693 Jun 08 j 04:00	22°♓36'42		
	-9693 Jun 14 j 01:07	0°♈		
morning set	-9693 Jun 15 j 17:17	2°♈06'24		
	-9693 Jul 07 j 19:35	0°♉		
superior conj	-9693 Jul 24 j 18:45	21°♉28'02	1°20'26	
minimum elong	-9693 Jul 24 j 13:19	21°♉10'50	1°20'47	
max. Earth dist.	-9693 Jul 26 j 06:29	23°♉21'04	1.70724 AU	
	-9693 Jul 31 j 12:39	0°♊		
	-9693 Aug 24 j 07:19	0°♋		
evening rise	-9693 Sep 04 j 17:05	14°♋19'39		
	-9693 Sep 17 j 05:44	0°♌		
desc. node	-9693 Sep 28 j 23:14	14°♌36'52		
	-9693 Oct 11 j 08:55	0°♍		
	-9693 Nov 04 j 17:12	0°♎		
	-9693 Nov 29 j 07:44	0°♏		
	-9693 Dec 24 j 08:16	0°♐		
asc. node	-9692 Jan 18 j 18:20	29°♐34'49		
	-9692 Jan 19 j 03:11	0°♑		
	-9692 Feb 15 j 10:28	0°♒		
evening max el	-9692 Mar 05 j 04:05	18°♒46'46	45°11'33	
	-9692 Mar 17 j 18:14	0°♓		
greatest brilliancy	-9692 Apr 12 j 15:48	16°♓09'00	-4.7m	
retrograde	-9692 Apr 22 j 16:45	17°♓56'07		
evening set	-9692 May 07 j 05:27	13°♓58'22		
desc. node	-9692 May 10 j 20:50	11°♓58'45		
inferior conj	-9692 May 13 j 16:54	10°♓18'42	-0°40'45	
minimum elong	-9692 May 13 j 15:21	10°♓21'01	0°40'33	
min. Earth dist.	-9692 May 14 j 09:35	9°♓53'55	0.27322 AU	
morning rise	-9692 May 20 j 00:16	6°♓42'11		
direct	-9692 Jun 03 j 20:45	2°♓28'56		
greatest brilliancy	-9692 Jun 15 j 10:00	4°♓54'47	-4.9m	
	-9692 Jul 19 j 03:54	0°♈		
morning max el	-9692 Jul 24 j 09:07	5°♈10'53	46°43'23	
	-9692 Aug 16 j 08:07	0°♉		
asc. node	-9692 Aug 30 j 17:04	16°♉36'31		
	-9692 Sep 10 j 23:57	0°♊		
	-9692 Oct 05 j 19:21	0°♋		
	-9692 Oct 30 j 09:14	0°♌		
	-9692 Nov 23 j 23:51	0°♍		
	-9692 Dec 18 j 16:20	0°♎		
desc. node	-9692 Dec 21 j 12:54	3°♎28'07		
	-9691 Jan 12 j 08:57	0°♏		
morning set	-9691 Jan 28 j 14:05	19°♏45'07		
	-9691 Feb 05 j 23:24	0°♐		
max. Earth dist.	-9691 Mar 02 j 01:09	29°♐31'28	1.73583 AU	
	-9691 Mar 02 j 10:25	0°♑		
superior conj	-9691 Mar 05 j 11:09	3°♑43'50	-1°11'16	
minimum elong	-9691 Mar 05 j 17:45	4°♑04'09	1°11'43	
	-9691 Mar 26 j 18:10	0°♒		
evening rise	-9691 Apr 09 j 16:30	17°♒14'28		
asc. node	-9691 Apr 12 j 03:39	20°♒17'41		
	-9691 Apr 19 j 23:36	0°♓		
	-9691 May 14 j 03:58	0°♈		
	-9691 Jun 07 j 08:35	0°♉		
	-9691 Jul 01 j 15:23	0°♊		
	-9691 Jul 26 j 03:21	0°♋		
desc. node	-9691 Aug 03 j 01:46	9°♋37'32		
	-9691 Aug 20 j 01:17	0°♌		
	-9691 Sep 14 j 18:54	0°♍		
evening max el	-9691 Oct 11 j 17:50	29°♍12'44	46°36'21	
	-9691 Oct 12 j 12:33	0°♎		
greatest brilliancy	-9691 Nov 19 j 18:23	29°♎43'11	-4.8m	
	-9691 Nov 20 j 11:31	0°♏		
asc. node	-9691 Nov 22 j 23:55	0°♏51'37		
retrograde	-9691 Dec 01 j 01:09	2°♏06'56		
	-9691 Dec 11 j 02:33	30°℞♎		
evening set	-9691 Dec 16 j 21:23	27°♎03'19		
min. Earth dist.	-9691 Dec 21 j 17:39	24°♎01'50	0.29134 AU	
inferior conj	-9691 Dec 22 j 07:21	23°♎39'45	6°00'55	
minimum elong	-9691 Dec 21 j 22:43	23°♎53'40	5°59'07	
morning rise	-9691 Dec 27 j 00:35	20°♎41'55		
direct	-9690 Jan 12 j 19:39	15°♎14'00		
greatest brilliancy	-9690 Jan 21 j 19:22	16°♎43'01	-4.7m	
	-9690 Feb 13 j 14:19	0°♏		
morning max el	-9690 Mar 02 j 14:15	14°♏50'05	45°57'18	
desc. node	-9690 Mar 16 j 01:02	28°♏07'36		
	-9690 Mar 17 j 20:40	0°♐		
	-9690 Apr 14 j 11:07	0°♑		
	-9690 May 10 j 07:44	0°♒		
	-9690 Jun 04 j 04:42	0°♓		
	-9690 Jun 28 j 10:47	0°♈		
asc. node	-9690 Jul 05 j 17:25	9°♈06'04		
	-9690 Jul 22 j 08:03	0°♉		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9690 Aug 15 j 01:35	0°♊	
morning set	-9690 Aug 30 j 00:41	18°♊54'59	
	-9690 Sep 07 j 19:36	0°♋	
	-9690 Oct 01 j 17:07	0°♌	
superior conj	-9690 Oct 11 j 09:01	12°♌03'39	0°33'27
minimum elong	-9690 Oct 11 j 17:38	12°♌30'31	0°33'34
max. Earth dist.	-9690 Oct 17 j 22:39	20°♌14'18	1.71958 AU
	-9690 Oct 25 j 19:16	0°♍	
desc. node	-9690 Oct 26 j 12:09	0°♍52'22	
	-9690 Nov 19 j 01:34	0°♎	
evening rise	-9690 Nov 22 j 10:15	4°♎08'38	
	-9690 Dec 13 j 11:00	0°♏	
	-9689 Jan 06 j 23:33	0°♐	
	-9689 Jan 31 j 17:03	0°♑	
asc. node	-9689 Feb 15 j 05:30	17°♑25'55	
	-9689 Feb 25 j 18:57	0°♒	
	-9689 Mar 23 j 10:02	0°♓	
	-9689 Apr 18 j 22:45	0°♈	
	-9689 May 17 j 10:20	0°♉	
evening max el	-9689 May 18 j 16:42	1°♉14'39	46°48'26
desc. node	-9689 Jun 08 j 07:02	19°♉36'06	
	-9689 Jun 24 j 18:47	0°♊	
greatest brilliancy	-9689 Jun 28 j 13:34	1°♊28'53	-4.9m
retrograde	-9689 Jul 07 j 23:03	3°♊07'02	
	-9689 Jul 20 j 11:53	30°℞♉	
evening set	-9689 Jul 25 j 11:31	27°♉18'32	
min. Earth dist.	-9689 Jul 28 j 04:13	25°♉41'41	0.26549 AU
inferior conj	-9689 Jul 28 j 15:24	25°♉24'45	-8°48'43
minimum elong	-9689 Jul 28 j 12:08	25°♉29'41	8°48'08
morning rise	-9689 Jul 31 j 12:50	23°♉40'51	
direct	-9689 Aug 17 j 22:24	17°♉54'12	
greatest brilliancy	-9689 Aug 28 j 00:23	19°♉50'55	-4.9m
	-9689 Sep 14 j 03:33	0°♊	
asc. node	-9689 Sep 28 j 04:39	12°♊09'18	
morning max el	-9689 Oct 07 j 10:31	21°♊15'03	46°34'22
	-9689 Oct 15 j 20:05	0°♋	
	-9689 Nov 11 j 20:47	0°♌	
	-9689 Dec 07 j 18:43	0°♍	
	-9688 Jan 02 j 07:17	0°♎	
desc. node	-9688 Jan 19 j 02:13	19°♎53'33	
	-9688 Jan 27 j 13:54	0°♏	
	-9688 Feb 21 j 13:53	0°♐	
	-9688 Mar 17 j 06:23	0°♑	
morning set	-9688 Apr 05 j 06:16	23°♑20'20	
	-9688 Apr 10 j 15:41	0°♒	
	-9688 May 04 j 19:06	0°♓	
max. Earth dist.	-9688 May 06 j 09:20	1°♓59'18	1.72118 AU
asc. node	-9688 May 09 j 16:44	6°♓07'11	
superior conj	-9688 May 10 j 19:52	7°♓31'58	0°02'40
minimum elong	-9688 May 10 j 19:23	7°♓30'29	0°02'22
behind sun begin	-9688 May 09 j 21:04	6°♓20'45	
behind sun end	-9688 May 11 j 17:42	8°♓40'15	
	-9688 May 28 j 18:23	0°♈	
evening rise	-9688 Jun 16 j 15:38	23°♈43'20	
	-9688 Jun 21 j 15:29	0°♉	
	-9688 Jul 15 j 12:34	0°♊	
	-9688 Aug 08 j 12:02	0°♋	
desc. node	-9688 Aug 30 j 13:13	27°♋22'51	
	-9688 Sep 01 j 16:06	0°♌	
	-9688 Sep 26 j 02:58	0°♍	
	-9688 Oct 21 j 00:14	0°♎	
	-9688 Nov 15 j 16:41	0°♏	
	-9688 Dec 13 j 05:26	0°♐	
asc. node	-9688 Dec 20 j 10:05	7°♐12'14	
evening max el	-9688 Dec 21 j 06:53	8°♐02'50	45°06'31
	-9687 Jan 16 j 19:52	0°♑	
greatest brilliancy	-9687 Jan 27 j 20:43	5°♑36'48	-4.7m
retrograde	-9687 Feb 07 j 12:02	7°♑38'55	
evening set	-9687 Feb 24 j 21:12	2°♑00'52	
	-9687 Feb 28 j 04:30	30°℞♐	
inferior conj	-9687 Feb 28 j 23:29	29°♐30'18	7°30'05
minimum elong	-9687 Mar 01 j 05:37	29°♐20'43	7°28'54
min. Earth dist.	-9687 Mar 01 j 23:21	28°♐52'55	0.29340 AU
morning rise	-9687 Mar 05 j 13:39	26°♐40'50	
direct	-9687 Mar 22 j 22:59	21°♐01'46	
greatest brilliancy	-9687 Apr 02 j 21:00	23°♐08'16	-4.7m
desc. node	-9687 Apr 12 j 12:15	27°♐54'15	
	-9687 Apr 15 j 19:00	0°♑	
morning max el	-9687 May 11 j 11:37	21°♑40'40	46°18'12
	-9687 May 19 j 18:34	0°♒	
	-9687 Jun 16 j 03:56	0°♓	
	-9687 Jul 11 j 14:10	0°♈	
asc. node	-9687 Aug 02 j 06:43	26°♈31'37	
	-9687 Aug 05 j 02:04	0°♉	
	-9687 Aug 29 j 03:30	0°♊	
	-9687 Sep 22 j 02:09	0°♋	
	-9687 Oct 16 j 02:58	0°♌	
	-9687 Nov 09 j 08:01	0°♍	
morning set	-9687 Nov 15 j 10:42	7°♍32'27	
desc. node	-9687 Nov 23 j 01:25	16°♍55'04	
	-9687 Dec 03 j 16:48	0°♎	
superior conj	-9687 Dec 25 j 13:49	26°♎51'11	-1°03'51
minimum elong	-9687 Dec 25 j 04:50	26°♎23'39	1°03'47
max. Earth dist.	-9687 Dec 26 j 01:11	27°♎26'04	1.73560 AU
	-9687 Dec 28 j 03:23	0°♏	
	-9686 Jan 21 j 14:11	0°♐	
evening rise	-9686 Jan 31 j 12:01	12°♐09'34	
greatest brilliancy	-9686 Feb 11 j 06:55	25°♐23'46	-3.9m
	-9686 Feb 15 j 00:59	0°♑	
	-9686 Mar 11 j 12:48	0°♒	
asc. node	-9686 Mar 14 j 17:20	3°♒53'59	
	-9686 Apr 05 j 03:05	0°♓	
	-9686 Apr 29 j 21:15	0°♈	
	-9686 May 24 j 21:30	0°♉	
	-9686 Jun 19 j 09:14	0°♊	
desc. node	-9686 Jul 05 j 17:14	18°♊39'54	
	-9686 Jul 15 j 22:46	0°♋	
evening max el	-9686 Jul 30 j 13:52	15°♋26'58	47°49'42
	-9686 Aug 14 j 18:03	0°♌	
greatest brilliancy	-9686 Sep 10 j 01:41	17°♌39'56	-4.9m
retrograde	-9686 Sep 19 j 20:03	19°♌31'27	
evening set	-9686 Oct 05 j 05:59	14°♌42'18	
min. Earth dist.	-9686 Oct 10 j 03:14	11°♌42'15	0.27254 AU
inferior conj	-9686 Oct 10 j 16:04	11°♌21'52	-3°34'55
minimum elong	-9686 Oct 10 j 23:09	11°♌10'37	3°32'26
morning rise	-9686 Oct 16 j 16:57	7°♌42'07	
asc. node	-9686 Oct 25 j 15:36	4°♌05'57	
direct	-9686 Oct 31 j 01:49	3°♌29'04	
greatest brilliancy	-9686 Nov 09 j 11:23	5°♌09'45	-4.8m
	-9686 Dec 14 j 13:16	0°♍	
morning max el	-9686 Dec 19 j 08:10	4°♍33'35	46°06'26
	-9685 Jan 13 j 01:41	0°♎	
	-9685 Feb 09 j 04:38	0°♏	
desc. node	-9685 Feb 15 j 15:12	7°♏19'26	
	-9685 Mar 07 j 05:40	0°♐	
	-9685 Apr 01 j 13:01	0°♑	
	-9685 Apr 26 j 06:33	0°♒	
	-9685 May 20 j 13:20	0°♓	
asc. node	-9685 Jun 07 j 06:04	22°♓07'44	
morning set	-9685 Jun 13 j 08:31	29°♓47'44	
	-9685 Jun 13 j 12:25	0°♈	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9685 Jul 07 j 06:54	0°♉	
superior conj	-9685 Jul 22 j 06:17	18°♉56'41	1°19'23
minimum elong	-9685 Jul 22 j 00:06	18°♉37'07	1°19'41
max. Earth dist.	-9685 Jul 23 j 13:02	20°♉33'58	1.70732 AU
	-9685 Jul 31 j 00:01	0°♊	
	-9685 Aug 23 j 18:46	0°♋	
evening rise	-9685 Sep 02 j 00:27	11°♋36'18	
	-9685 Sep 16 j 17:16	0°♌	
desc. node	-9685 Sep 28 j 01:24	14°♌07'40	
	-9685 Oct 10 j 20:32	0°♍	
	-9685 Nov 04 j 05:00	0°♎	
	-9685 Nov 28 j 19:53	0°♏	
	-9685 Dec 23 j 21:08	0°♐	
asc. node	-9684 Jan 17 j 20:42	29°♐00'43	
	-9684 Jan 18 j 17:35	0°♑	
	-9684 Feb 15 j 04:38	0°♒	
evening max el	-9684 Mar 02 j 19:23	16°♒33'44	45°09'34
	-9684 Mar 18 j 03:24	0°♓	
greatest brilliancy	-9684 Apr 10 j 03:55	13°♓49'15	-4.7m
retrograde	-9684 Apr 20 j 06:07	15°♓36'54	
evening set	-9684 May 04 j 19:18	11°♓38'19	
desc. node	-9684 May 09 j 22:55	8°♓45'14	
inferior conj	-9684 May 11 j 06:13	7°♓58'45	-0°18'43
minimum elong	-9684 May 11 j 05:30	7°♓59'50	0°18'46
min. Earth dist.	-9684 May 11 j 23:47	7°♓32'37	0.27386 AU
morning rise	-9684 May 17 j 14:48	4°♓20'30	
direct	-9684 Jun 01 j 11:46	0°♓07'47	
greatest brilliancy	-9684 Jun 13 j 00:22	2°♓33'19	-4.9m
	-9684 Jul 19 j 04:33	0°♈	
morning max el	-9684 Jul 21 j 23:52	2°♈48'39	46°42'53
	-9684 Aug 16 j 01:13	0°♉	
asc. node	-9684 Aug 29 j 19:20	15°♉57'49	
	-9684 Sep 10 j 14:28	0°♊	
	-9684 Oct 05 j 08:35	0°♋	
	-9684 Oct 29 j 21:42	0°♌	
	-9684 Nov 23 j 11:46	0°♍	
	-9684 Dec 18 j 03:52	0°♎	
desc. node	-9684 Dec 20 j 14:59	2°♎59'32	
	-9683 Jan 11 j 20:12	0°♏	
morning set	-9683 Jan 26 j 07:33	17°♏38'02	
	-9683 Feb 05 j 10:28	0°♐	
max. Earth dist.	-9683 Feb 27 j 23:42	27°♐39'30	1.73606 AU
	-9683 Mar 01 j 21:23	0°♑	
superior conj	-9683 Mar 03 j 06:47	1°♑42'45	-1°12'38
minimum elong	-9683 Mar 03 j 13:04	2°♑02'06	1°13'04
	-9683 Mar 26 j 05:08	0°♒	
evening rise	-9683 Apr 07 j 12:10	15°♒12'32	
asc. node	-9683 Apr 11 j 05:50	19°♒50'09	
	-9683 Apr 19 j 10:44	0°♓	
	-9683 May 13 j 15:23	0°♈	
	-9683 Jun 06 j 20:24	0°♉	
	-9683 Jul 01 j 03:43	0°♊	
	-9683 Jul 25 j 16:21	0°♋	
desc. node	-9683 Aug 02 j 04:01	9°♋04'11	
	-9683 Aug 19 j 15:21	0°♌	
	-9683 Sep 14 j 11:05	0°♍	
evening max el	-9683 Oct 09 j 10:33	26°♍58'52	46°40'00
	-9683 Oct 12 j 10:44	0°♎	
greatest brilliancy	-9683 Nov 17 j 12:34	27°♎33'47	-4.8m
asc. node	-9683 Nov 22 j 02:03	29°♎04'11	
retrograde	-9683 Nov 28 j 18:43	29°♎56'41	
evening set	-9683 Dec 14 j 12:30	24°♎56'36	
min. Earth dist.	-9683 Dec 19 j 09:53	21°♎53'14	0.29077 AU
inferior conj	-9683 Dec 20 j 00:29	21°♎29'40	5°48'26
minimum elong	-9683 Dec 19 j 15:51	21°♎43'37	5°46'33
morning rise	-9683 Dec 24 j 19:46	18°♎28'35	
direct	-9682 Jan 10 j 12:24	13°♎04'59	
greatest brilliancy	-9682 Jan 19 j 10:29	14°♎32'49	-4.7m
	-9682 Feb 13 j 22:55	0°♏	
morning max el	-9682 Feb 28 j 06:15	12°♏40'58	45°57'00
desc. node	-9682 Mar 15 j 03:13	27°♏25'57	
	-9682 Mar 17 j 14:35	0°♐	
	-9682 Apr 14 j 01:25	0°♑	
	-9682 May 09 j 20:30	0°♒	
	-9682 Jun 03 j 16:42	0°♓	
	-9682 Jun 27 j 22:24	0°♈	
asc. node	-9682 Jul 04 j 19:42	8°♈37'01	
	-9682 Jul 21 j 19:30	0°♉	
	-9682 Aug 14 j 12:56	0°♊	
morning set	-9682 Aug 27 j 10:21	16°♊18'09	
	-9682 Sep 07 j 06:55	0°♋	
	-9682 Oct 01 j 04:23	0°♌	
superior conj	-9682 Oct 08 j 17:35	9°♌25'40	0°37'03
minimum elong	-9682 Oct 09 j 02:57	9°♌54'51	0°37'08
max. Earth dist.	-9682 Oct 15 j 12:39	17°♌53'33	1.71889 AU
	-9682 Oct 25 j 06:29	0°♍	
desc. node	-9682 Oct 25 j 14:10	0°♍23'50	
	-9682 Nov 18 j 12:45	0°♎	
evening rise	-9682 Nov 19 j 22:38	1°♎44'26	
	-9682 Dec 12 j 22:12	0°♏	
	-9681 Jan 06 j 10:56	0°♐	
	-9681 Jan 31 j 04:50	0°♑	
asc. node	-9681 Feb 14 j 07:48	16°♑56'20	
	-9681 Feb 25 j 07:32	0°♒	
	-9681 Mar 23 j 00:03	0°♓	
	-9681 Apr 18 j 15:34	0°♈	
evening max el	-9681 May 16 j 05:15	28°♈48'52	46°44'43
	-9681 May 17 j 10:27	0°♉	
desc. node	-9681 Jun 07 j 09:17	18°♉20'37	
greatest brilliancy	-9681 Jun 26 j 01:31	28°♉59'07	-4.9m
	-9681 Jun 29 j 18:22	0°♊	
retrograde	-9681 Jul 05 j 10:18	0°♊36'40	
	-9681 Jul 10 j 22:55	30°℞♉	
evening set	-9681 Jul 22 j 20:27	24°♉53'38	
min. Earth dist.	-9681 Jul 25 j 16:45	23°♉11'37	0.26545 AU
inferior conj	-9681 Jul 26 j 03:25	22°♉55'29	-8°44'16
minimum elong	-9681 Jul 25 j 23:14	23°♉01'49	8°43'35
morning rise	-9681 Jul 29 j 02:04	21°♉09'47	
direct	-9681 Aug 15 j 10:13	15°♉25'04	
greatest brilliancy	-9681 Aug 25 j 14:06	17°♉22'50	-4.9m
	-9681 Sep 14 j 19:15	0°♊	
asc. node	-9681 Sep 27 j 06:54	11°♊09'57	
morning max el	-9681 Oct 04 j 22:16	18°♊44'11	46°35'07
	-9681 Oct 15 j 16:02	0°♋	
	-9681 Nov 11 j 12:19	0°♌	
	-9681 Dec 07 j 08:18	0°♍	
	-9680 Jan 01 j 19:45	0°♎	
desc. node	-9680 Jan 18 j 04:28	19°♎24'46	
	-9680 Jan 27 j 01:39	0°♏	
	-9680 Feb 21 j 01:10	0°♐	
	-9680 Mar 16 j 17:23	0°♑	
morning set	-9680 Apr 03 j 01:30	21°♑17'52	
	-9680 Apr 10 j 02:35	0°♒	
max. Earth dist.	-9680 May 04 j 02:56	29°♒50'23	1.72182 AU
	-9680 May 04 j 06:01	0°♓	
superior conj	-9680 May 08 j 13:51	5°♓24'03	-0°00'30
minimum elong	-9680 May 08 j 13:59	5°♓24'29	0°00'48
behind sun begin	-9680 May 07 j 15:36	4°♓14'36	
behind sun end	-9680 May 09 j 12:22	6°♓34'24	
asc. node	-9680 May 08 j 18:54	5°♓39'51	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9680 May 28 j 05:24	0°♈	
evening rise	-9680 Jun 14 j 07:06	21°♈26'17	
	-9680 Jun 21 j 02:37	0°♉	
	-9680 Jul 14 j 23:53	0°♊	
	-9680 Aug 07 j 23:34	0°♋	
desc. node	-9680 Aug 29 j 15:24	26°♋53'03	
	-9680 Sep 01 j 03:57	0°♌	
	-9680 Sep 25 j 15:17	0°♍	
	-9680 Oct 20 j 13:20	0°♎	
	-9680 Nov 15 j 07:29	0°♏	
	-9680 Dec 13 j 00:53	0°♐	
evening max el	-9680 Dec 18 j 21:38	5°♐49'13	45°08'26
asc. node	-9680 Dec 19 j 12:29	6°♐25'13	
	-9679 Jan 18 j 01:35	0°♑	
greatest brilliancy	-9679 Jan 25 j 12:01	3°♑28'53	-4.7m
retrograde	-9679 Feb 05 j 04:48	5°♑32'51	
	-9679 Feb 22 j 09:32	30°℞♐	
evening set	-9679 Feb 22 j 15:21	29°♐51'28	
inferior conj	-9679 Feb 26 j 16:15	27°♐22'56	7°36'28
minimum elong	-9679 Feb 26 j 21:51	27°♐14'09	7°35'23
min. Earth dist.	-9679 Feb 27 j 15:15	26°♐46'55	0.29386 AU
morning rise	-9679 Mar 03 j 04:00	24°♐36'57	
direct	-9679 Mar 20 j 15:28	18°♐53'25	
greatest brilliancy	-9679 Mar 31 j 12:54	20°♐59'22	-4.7m
desc. node	-9679 Apr 11 j 14:22	26°♐37'15	
	-9679 Apr 16 j 13:51	0°♑	
morning max el	-9679 May 09 j 04:01	19°♑29'33	46°17'16
	-9679 May 19 j 13:53	0°♒	
	-9679 Jun 15 j 18:55	0°♓	
	-9679 Jul 11 j 03:24	0°♈	
asc. node	-9679 Aug 01 j 08:55	26°♈00'00	
	-9679 Aug 04 j 14:25	0°♉	
	-9679 Aug 28 j 15:21	0°♊	
	-9679 Sep 21 j 13:40	0°♋	
	-9679 Oct 15 j 14:16	0°♌	
	-9679 Nov 08 j 19:09	0°♍	
morning set	-9679 Nov 12 j 22:35	5°♍06'53	
desc. node	-9679 Nov 22 j 03:32	16°♍27'38	
	-9679 Dec 03 j 03:46	0°♎	
superior conj	-9679 Dec 23 j 05:23	24°♎38'24	-1°01'48
minimum elong	-9679 Dec 22 j 20:11	24°♎10'12	1°01'41
max. Earth dist.	-9679 Dec 23 j 19:00	25°♎20'11	1.73532 AU
	-9679 Dec 27 j 14:15	0°♏	
	-9678 Jan 21 j 01:01	0°♐	
evening rise	-9678 Jan 29 j 06:32	10°♐05'51	
greatest brilliancy	-9678 Feb 09 j 19:16	24°♐14'34	-3.9m
	-9678 Feb 14 j 11:55	0°♑	
	-9678 Mar 11 j 00:00	0°♒	
asc. node	-9678 Mar 13 j 19:30	3°♒26'12	
	-9678 Apr 04 j 14:45	0°♓	
	-9678 Apr 29 j 09:38	0°♈	
	-9678 May 24 j 10:58	0°♉	
	-9678 Jun 19 j 00:28	0°♊	
desc. node	-9678 Jul 04 j 19:34	17°♊58'32	
	-9678 Jul 15 j 17:41	0°♋	
evening max el	-9678 Jul 28 j 05:02	13°♋06'07	47°50'08
	-9678 Aug 15 j 02:11	0°♌	
greatest brilliancy	-9678 Sep 07 j 17:21	15°♌17'34	-4.9m
retrograde	-9678 Sep 17 j 11:11	17°♌08'39	
evening set	-9678 Oct 02 j 22:51	12°♌16'14	
min. Earth dist.	-9678 Oct 07 j 17:56	9°♌19'44	0.27206 AU
inferior conj	-9678 Oct 08 j 06:33	8°♌59'45	-3°55'15
minimum elong	-9678 Oct 08 j 14:12	8°♌47'38	3°52'36
morning rise	-9678 Oct 14 j 06:09	5°♌22'25	
asc. node	-9678 Oct 24 j 17:42	1°♌27'10	
direct	-9678 Oct 28 j 15:42	1°♌07'54	
greatest brilliancy	-9678 Nov 07 j 01:49	2°♌49'33	-4.8m
	-9678 Dec 14 j 13:39	0°♍	
morning max el	-9678 Dec 17 j 00:11	2°♍20'49	46°07'11
	-9677 Jan 12 j 18:07	0°♎	
	-9677 Feb 08 j 18:19	0°♏	
desc. node	-9677 Feb 14 j 17:16	6°♏47'21	
	-9677 Mar 06 j 18:02	0°♐	
	-9677 Apr 01 j 00:40	0°♑	
	-9677 Apr 25 j 17:48	0°♒	
	-9677 May 20 j 00:24	0°♓	
asc. node	-9677 Jun 06 j 08:19	21°♓40'12	
morning set	-9677 Jun 10 j 23:42	27°♓29'59	
	-9677 Jun 12 j 23:25	0°♈	
	-9677 Jul 06 j 17:57	0°♉	
superior conj	-9677 Jul 19 j 17:54	16°♉26'28	1°18'11
minimum elong	-9677 Jul 19 j 11:02	16°♉04'43	1°18'26
max. Earth dist.	-9677 Jul 20 j 17:59	17°♉42'38	1.70743 AU
	-9677 Jul 30 j 11:09	0°♊	
	-9677 Aug 23 j 05:59	0°♋	
evening rise	-9677 Aug 30 j 07:53	8°♋53'52	
	-9677 Sep 16 j 04:31	0°♌	
desc. node	-9677 Sep 27 j 03:29	13°♌39'03	
	-9677 Oct 10 j 07:51	0°♍	
	-9677 Nov 03 j 16:27	0°♎	
	-9677 Nov 28 j 07:41	0°♏	
	-9677 Dec 23 j 09:42	0°♐	
asc. node	-9676 Jan 16 j 22:55	28°♐26'59	
	-9676 Jan 18 j 07:48	0°♑	
	-9676 Feb 14 j 22:57	0°♒	
evening max el	-9676 Feb 29 j 10:51	14°♒21'49	45°07'32
	-9676 Mar 18 j 15:24	0°♓	
greatest brilliancy	-9676 Apr 07 j 16:43	11°♓31'07	-4.7m
retrograde	-9676 Apr 17 j 19:07	13°♓18'31	
evening set	-9676 May 02 j 09:27	9°♓19'05	
inferior conj	-9676 May 08 j 19:39	5°♓39'50	0°03'17
minimum elong	-9676 May 08 j 19:45	5°♓39'40	0°02'57
transit middle	-9676 May 08 j 19:45	5°♓39'40	0°02'57
transit begin	-9676 May 08 j 15:42	5°♓45'44	
transit end	-9676 May 08 j 23:49	5°♓33'36	
desc. node	-9676 May 09 j 01:08	5°♓31'38	
min. Earth dist.	-9676 May 09 j 14:15	5°♓12'04	0.27450 AU
morning rise	-9676 May 15 j 05:10	1°♓59'51	
	-9676 May 19 j 11:35	30°℞♒	
direct	-9676 May 30 j 02:37	27°♒47'44	
	-9676 Jun 10 j 01:53	0°♓	
greatest brilliancy	-9676 Jun 10 j 14:45	0°♓12'37	-4.9m
	-9676 Jul 19 j 03:52	0°♈	
morning max el	-9676 Jul 19 j 13:38	0°♈24'41	46°42'17
	-9676 Aug 15 j 17:48	0°♉	
asc. node	-9676 Aug 28 j 21:28	15°♉19'38	
	-9676 Sep 10 j 04:38	0°♊	
	-9676 Oct 04 j 21:32	0°♋	
	-9676 Oct 29 j 09:53	0°♌	
	-9676 Nov 22 j 23:25	0°♍	
	-9676 Dec 17 j 15:07	0°♎	
desc. node	-9676 Dec 19 j 17:15	2°♎32'20	
	-9675 Jan 11 j 07:10	0°♏	
morning set	-9675 Jan 24 j 01:14	15°♏32'26	
	-9675 Feb 04 j 21:16	0°♐	
max. Earth dist.	-9675 Feb 25 j 21:13	25°♐45'04	1.73634 AU
superior conj	-9675 Mar 01 j 02:33	29°♐42'50	-1°13'52
minimum elong	-9675 Mar 01 j 08:29	0°♑01'04	1°14'20
	-9675 Mar 01 j 08:08	0°♑	
	-9675 Mar 25 j 15:57	0°♒	
evening rise	-9675 Apr 05 j 07:51	13°♒11'07	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

asc. node	-9675 Apr 10 j 07:56	19°♒22'47	
	-9675 Apr 18 j 21:44	0°♓	
	-9675 May 13 j 02:42	0°♈	
	-9675 Jun 06 j 08:07	0°♉	
	-9675 Jun 30 j 15:57	0°♊	
	-9675 Jul 25 j 05:17	0°♋	
desc. node	-9675 Aug 01 j 06:10	8°♋30'43	
	-9675 Aug 19 j 05:26	0°♌	
	-9675 Sep 14 j 03:27	0°♍	
evening max el	-9675 Oct 07 j 02:42	24°♍43'44	46°43'39
	-9675 Oct 12 j 09:42	0°♎	
greatest brilliancy	-9675 Nov 15 j 07:23	25°♎25'30	-4.8m
asc. node	-9675 Nov 21 j 04:27	27°♎13'38	
retrograde	-9675 Nov 26 j 11:59	27°♎47'04	
evening set	-9675 Dec 12 j 03:51	22°♎50'27	
min. Earth dist.	-9675 Dec 17 j 02:37	19°♎44'57	0.29015 AU
inferior conj	-9675 Dec 17 j 17:45	19°♎20'28	5°35'22
minimum elong	-9675 Dec 17 j 09:09	19°♎34'23	5°33'28
morning rise	-9675 Dec 22 j 15:03	16°♎16'06	
direct	-9674 Jan 08 j 04:49	10°♎56'53	
greatest brilliancy	-9674 Jan 17 j 02:15	12°♎24'01	-4.7m
	-9674 Feb 14 j 04:46	0°♏	
morning max el	-9674 Feb 25 j 21:28	10°♏30'38	45°56'43
desc. node	-9674 Mar 14 j 05:21	26°♏45'21	
	-9674 Mar 17 j 07:53	0°♐	
	-9674 Apr 13 j 15:26	0°♑	
	-9674 May 09 j 09:07	0°♒	
	-9674 Jun 03 j 04:39	0°♓	
	-9674 Jun 27 j 10:01	0°♈	
asc. node	-9674 Jul 03 j 21:54	8°♈07'47	
	-9674 Jul 21 j 06:57	0°♉	
	-9674 Aug 14 j 00:17	0°♊	
morning set	-9674 Aug 24 j 19:54	13°♊40'57	
	-9674 Sep 06 j 18:12	0°♋	
	-9674 Sep 30 j 15:38	0°♌	
superior conj	-9674 Oct 06 j 02:07	6°♌47'29	0°40'33
minimum elong	-9674 Oct 06 j 12:08	7°♌18'44	0°40'38
max. Earth dist.	-9674 Oct 13 j 00:43	15°♌26'41	1.71818 AU
desc. node	-9674 Oct 24 j 16:20	29°♌55'44	
	-9674 Oct 24 j 17:43	0°♍	
evening rise	-9674 Nov 17 j 10:50	29°♍19'34	
	-9674 Nov 17 j 23:57	0°♎	
	-9674 Dec 12 j 09:25	0°♏	
	-9673 Jan 05 j 22:17	0°♐	
	-9673 Jan 30 j 16:35	0°♑	
asc. node	-9673 Feb 13 j 09:59	16°♑26'37	
	-9673 Feb 24 j 20:05	0°♒	
	-9673 Mar 22 j 14:08	0°♓	
	-9673 Apr 18 j 08:43	0°♈	
evening max el	-9673 May 13 j 17:04	26°♈21'10	46°40'45
	-9673 May 17 j 11:53	0°♉	
desc. node	-9673 Jun 06 j 11:36	17°♉02'20	
greatest brilliancy	-9673 Jun 23 j 13:15	26°♉28'18	-4.9m
retrograde	-9673 Jul 02 j 21:24	28°♉05'35	
evening set	-9673 Jul 20 j 04:41	22°♉28'15	
min. Earth dist.	-9673 Jul 23 j 05:14	20°♉40'25	0.26546 AU
inferior conj	-9673 Jul 23 j 15:14	20°♉25'18	-8°38'31
minimum elong	-9673 Jul 23 j 10:10	20°♉32'57	8°37'44
morning rise	-9673 Jul 26 j 15:39	18°♉37'10	
direct	-9673 Aug 12 j 21:48	12°♉54'40	
greatest brilliancy	-9673 Aug 23 j 04:04	14°♉54'15	-4.9m
	-9673 Sep 15 j 07:19	0°♊	
asc. node	-9673 Sep 26 j 09:06	10°♊11'17	
morning max el	-9673 Oct 02 j 10:17	16°♊13'16	46°36'02
	-9673 Oct 15 j 11:36	0°♋	
	-9673 Nov 11 j 03:46	0°♌	
	-9673 Dec 06 j 21:54	0°♍	
	-9672 Jan 01 j 08:16	0°♎	
desc. node	-9672 Jan 17 j 06:28	18°♎54'58	
	-9672 Jan 26 j 13:27	0°♏	
	-9672 Feb 20 j 12:30	0°♐	
	-9672 Mar 16 j 04:27	0°♑	
morning set	-9672 Mar 31 j 21:07	19°♑16'28	
	-9672 Apr 09 j 13:33	0°♒	
max. Earth dist.	-9672 May 01 j 23:11	27°♒49'33	1.72248 AU
	-9672 May 03 j 17:01	0°♓	
superior conj	-9672 May 06 j 08:07	3°♓16'54	-0°03'37
minimum elong	-9672 May 06 j 08:53	3°♓19'19	0°03'54
behind sun begin	-9672 May 05 j 11:02	2°♓11'05	
behind sun end	-9672 May 07 j 06:45	4°♓27'34	
asc. node	-9672 May 07 j 21:07	5°♓12'23	
	-9672 May 27 j 16:31	0°♈	
evening rise	-9672 Jun 11 j 22:52	19°♈09'43	
	-9672 Jun 20 j 13:57	0°♉	
	-9672 Jul 14 j 11:27	0°♊	
	-9672 Aug 07 j 11:24	0°♋	
desc. node	-9672 Aug 28 j 17:30	26°♋22'06	
	-9672 Aug 31 j 16:06	0°♌	
	-9672 Sep 25 j 03:54	0°♍	
	-9672 Oct 20 j 02:47	0°♎	
	-9672 Nov 14 j 22:42	0°♏	
	-9672 Dec 12 j 21:11	0°♐	
evening max el	-9672 Dec 16 j 13:12	3°♐37'01	45°10'35
asc. node	-9672 Dec 18 j 14:45	5°♐36'30	
	-9671 Jan 19 j 21:44	0°♑	
greatest brilliancy	-9671 Jan 23 j 03:13	1°♑20'38	-4.7m
retrograde	-9671 Feb 02 j 22:08	3°♑26'42	
	-9671 Feb 16 j 05:10	30°℞♐	
evening set	-9671 Feb 20 j 09:35	27°♐42'16	
inferior conj	-9671 Feb 24 j 09:12	25°♐15'29	7°42'12
minimum elong	-9671 Feb 24 j 14:16	25°♐07'32	7°41'13
min. Earth dist.	-9671 Feb 25 j 06:55	24°♐41'28	0.29424 AU
morning rise	-9671 Feb 28 j 18:40	22°♐32'57	
direct	-9671 Mar 18 j 08:38	16°♐45'16	
greatest brilliancy	-9671 Mar 29 j 04:20	18°♐50'09	-4.7m
desc. node	-9671 Apr 10 j 16:34	25°♐22'38	
	-9671 Apr 17 j 04:00	0°♑	
morning max el	-9671 May 06 j 21:05	17°♑20'12	46°16'19
	-9671 May 19 j 08:44	0°♒	
	-9671 Jun 15 j 09:49	0°♓	
	-9671 Jul 10 j 16:43	0°♈	
asc. node	-9671 Jul 31 j 11:01	25°♈27'27	
	-9671 Aug 04 j 02:58	0°♉	
	-9671 Aug 28 j 03:28	0°♊	
	-9671 Sep 21 j 01:32	0°♋	
	-9671 Oct 15 j 01:55	0°♌	
	-9671 Nov 08 j 06:36	0°♍	
morning set	-9671 Nov 10 j 09:55	2°♍38'27	
desc. node	-9671 Nov 21 j 05:45	15°♍59'31	
	-9671 Dec 02 j 15:03	0°♎	
superior conj	-9671 Dec 20 j 20:29	22°♎23'07	-0°59'36
minimum elong	-9671 Dec 20 j 11:08	21°♎54'26	0°59'28
max. Earth dist.	-9671 Dec 21 j 14:26	23°♎18'12	1.73499 AU
	-9671 Dec 27 j 01:25	0°♏	
	-9670 Jan 20 j 12:10	0°♐	
evening rise	-9670 Jan 27 j 00:59	8°♐00'58	
greatest brilliancy	-9670 Feb 08 j 13:19	23°♐21'56	-3.9m
	-9670 Feb 13 j 23:10	0°♑	
	-9670 Mar 10 j 11:30	0°♒	
asc. node	-9670 Mar 12 j 21:41	2°♒57'38	
	-9670 Apr 04 j 02:42	0°♓	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9670 Apr 28 j 22:17	0°♈		
	-9670 May 24 j 00:43	0°♉		
	-9670 Jun 18 j 16:08	0°♊		
desc. node	-9670 Jul 03 j 21:40	17°♊15'18		
	-9670 Jul 15 j 13:27	0°♋		
evening max el	-9670 Jul 25 j 20:45	10°♋45'35	47°50'00	
	-9670 Aug 15 j 13:54	0°♌		
greatest brilliancy	-9670 Sep 05 j 08:14	12°♌52'07	-4.9m	
retrograde	-9670 Sep 15 j 02:03	14°♌42'51		
evening set	-9670 Sep 30 j 15:27	9°♌47'10		
inferior conj	-9670 Oct 05 j 20:35	6°♌34'39	-4°15'24	
minimum elong	-9670 Oct 06 j 04:45	6°♌21'44	4°12'40	
min. Earth dist.	-9670 Oct 05 j 08:03	6°♌54'27	0.27163 AU	
morning rise	-9670 Oct 11 j 18:42	3°♌00'02		
	-9670 Oct 18 j 11:35	30°℞♋		
asc. node	-9670 Oct 23 j 20:05	28°♋51'08		
direct	-9670 Oct 26 j 05:43	28°♋43'55		
	-9670 Nov 03 j 07:34	0°♌		
greatest brilliancy	-9670 Nov 04 j 15:37	0°♌25'59	-4.8m	
morning max el	-9670 Dec 14 j 15:53	0°♍05'26	46°08'01	
	-9670 Dec 14 j 13:39	0°♍		
	-9669 Jan 12 j 10:46	0°♎		
	-9669 Feb 08 j 08:18	0°♏		
desc. node	-9669 Feb 13 j 19:25	6°♏14'30		
	-9669 Mar 06 j 06:42	0°♐		
	-9669 Mar 31 j 12:38	0°♑		
	-9669 Apr 25 j 05:21	0°♒		
	-9669 May 19 j 11:44	0°♓		
asc. node	-9669 Jun 05 j 10:29	21°♓11'39		
morning set	-9669 Jun 08 j 15:35	25°♓13'40		
	-9669 Jun 12 j 10:41	0°♈		
	-9669 Jul 06 j 05:14	0°♉		
superior conj	-9669 Jul 17 j 06:19	13°♉58'08	1°16'51	
minimum elong	-9669 Jul 16 j 22:49	13°♉34'25	1°17'04	
max. Earth dist.	-9669 Jul 17 j 21:58	14°♉47'39	1.70757 AU	
	-9669 Jul 29 j 22:32	0°♊		
	-9669 Aug 22 j 17:27	0°♋		
evening rise	-9669 Aug 27 j 15:42	6°♋11'35		
	-9669 Sep 15 j 16:06	0°♌		
desc. node	-9669 Sep 26 j 05:41	13°♌09'41		
	-9669 Oct 09 j 19:33	0°♍		
	-9669 Nov 03 j 04:22	0°♎		
	-9669 Nov 27 j 20:00	0°♏		
	-9669 Dec 22 j 22:49	0°♐		
asc. node	-9668 Jan 16 j 01:06	27°♐51'35		
	-9668 Jan 17 j 22:39	0°♑		
	-9668 Feb 14 j 18:14	0°♒		
evening max el	-9668 Feb 27 j 01:30	12°♒06'46	45°05'39	
	-9668 Mar 19 j 08:00	0°♓		
greatest brilliancy	-9668 Apr 05 j 06:15	9°♓13'02	-4.7m	
retrograde	-9668 Apr 15 j 07:48	10°♓59'37		
evening set	-9668 Apr 29 j 23:52	6°♓59'02		
inferior conj	-9668 May 06 j 09:11	3°♓20'33	0°25'10	
minimum elong	-9668 May 06 j 10:07	3°♓19'09	0°24'33	
min. Earth dist.	-9668 May 07 j 05:09	2°♓50'40	0.27511 AU	
desc. node	-9668 May 08 j 03:29	2°♓17'21		
	-9668 May 12 j 03:35	30°℞♒		
morning rise	-9668 May 12 j 19:25	29°♒38'56		
direct	-9668 May 27 j 16:58	25°♒27'10		
greatest brilliancy	-9668 Jun 08 j 05:36	27°♒51'53	-4.8m	
	-9668 Jun 12 j 20:04	0°♓		
morning max el	-9668 Jul 17 j 02:31	27°♓57'53	46°41'54	
	-9668 Jul 19 j 02:29	0°♈		
	-9668 Aug 15 j 10:16	0°♉		
asc. node	-9668 Aug 27 j 23:42	14°♉41'37		
	-9668 Sep 09 j 18:51	0°♊		
	-9668 Oct 04 j 10:38	0°♋		
	-9668 Oct 28 j 22:19	0°♌		
	-9668 Nov 22 j 11:24	0°♍		
	-9668 Dec 17 j 02:45	0°♎		
desc. node	-9668 Dec 18 j 19:14	2°♎03'07		
	-9667 Jan 10 j 18:32	0°♏		
morning set	-9667 Jan 21 j 18:13	13°♏23'33		
	-9667 Feb 04 j 08:26	0°♐		
max. Earth dist.	-9667 Feb 23 j 16:58	23°♐44'14	1.73657 AU	
superior conj	-9667 Feb 26 j 21:52	27°♐40'31	-1°15'02	
minimum elong	-9667 Feb 27 j 03:24	27°♐57'34	1°15'31	
	-9667 Feb 28 j 19:13	0°♑		
	-9667 Mar 25 j 03:05	0°♒		
evening rise	-9667 Apr 03 j 03:16	11°♒08'02		
asc. node	-9667 Apr 09 j 10:13	18°♒54'59		
	-9667 Apr 18 j 09:04	0°♓		
	-9667 May 12 j 14:20	0°♈		
	-9667 Jun 05 j 20:09	0°♉		
	-9667 Jun 30 j 04:27	0°♊		
	-9667 Jul 24 j 18:29	0°♋		
desc. node	-9667 Jul 31 j 08:22	7°♋56'45		
	-9667 Aug 18 j 19:47	0°♌		
	-9667 Sep 13 j 20:13	0°♍		
evening max el	-9667 Oct 04 j 17:42	22°♍25'01	46°47'04	
	-9667 Oct 12 j 09:54	0°♎		
greatest brilliancy	-9667 Nov 13 j 01:58	23°♎15'38	-4.8m	
asc. node	-9667 Nov 20 j 06:41	25°♎17'37		
retrograde	-9667 Nov 24 j 04:51	25°♎36'04		
evening set	-9667 Dec 09 j 19:02	20°♎42'33		
inferior conj	-9667 Dec 15 j 10:52	17°♎09'46	5°21'38	
minimum elong	-9667 Dec 15 j 02:20	17°♎23'35	5°19'42	
min. Earth dist.	-9667 Dec 14 j 19:26	17°♎34'45	0.28959 AU	
morning rise	-9667 Dec 20 j 10:12	14°♎02'06		
direct	-9666 Jan 05 j 20:40	8°♎47'02		
greatest brilliancy	-9666 Jan 14 j 18:34	10°♎14'15	-4.7m	
	-9666 Feb 14 j 09:16	0°♏		
morning max el	-9666 Feb 23 j 12:25	8°♏18'24	45°56'31	
desc. node	-9666 Mar 13 j 07:34	26°♏04'25		
	-9666 Mar 17 j 01:13	0°♐		
	-9666 Apr 13 j 05:36	0°♑		
	-9666 May 08 j 21:55	0°♒		
	-9666 Jun 02 j 16:45	0°♓		
	-9666 Jun 26 j 21:47	0°♈		
asc. node	-9666 Jul 02 j 23:54	7°♈37'25		
	-9666 Jul 20 j 18:31	0°♉		
	-9666 Aug 13 j 11:45	0°♊		
morning set	-9666 Aug 22 j 05:48	11°♊04'20		
	-9666 Sep 06 j 05:36	0°♋		
	-9666 Sep 30 j 02:58	0°♌		
superior conj	-9666 Oct 03 j 10:59	4°♌10'01	0°43'56	
minimum elong	-9666 Oct 03 j 21:34	4°♌43'06	0°44'02	
max. Earth dist.	-9666 Oct 10 j 11:04	12°♌54'16	1.71745 AU	
desc. node	-9666 Oct 23 j 18:32	29°♌27'33		
	-9666 Oct 24 j 04:59	0°♍		
evening rise	-9666 Nov 14 j 23:01	26°♍54'24		
	-9666 Nov 17 j 11:13	0°♎		
	-9666 Dec 11 j 20:44	0°♏		
	-9665 Jan 05 j 09:48	0°♐		
	-9665 Jan 30 j 04:33	0°♑		
asc. node	-9665 Feb 12 j 12:12	15°♑56'20		
	-9665 Feb 24 j 08:55	0°♒		
	-9665 Mar 22 j 04:35	0°♓		
	-9665 Apr 18 j 02:25	0°♈		
evening max el	-9665 May 11 j 04:48	23°♈53'08	46°36'59	
	-9665 May 17 j 14:52	0°♉		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

desc. node	-9665 Jun 05 j 13:41	15°♉40'44	
greatest brilliancy	-9665 Jun 21 j 00:12	23°♉56'22	-4.9m
retrograde	-9665 Jun 30 j 08:47	25°♉34'20	
evening set	-9665 Jul 17 j 12:27	20°♉02'41	
min. Earth dist.	-9665 Jul 20 j 17:14	18°♉09'09	0.26548 AU
inferior conj	-9665 Jul 21 j 02:55	17°♉54'36	-8°31'43
minimum elong	-9665 Jul 20 j 20:59	18°♉03'31	8°30'49
morning rise	-9665 Jul 24 j 05:28	16°♉03'40	
direct	-9665 Aug 10 j 09:38	10°♉23'41	
greatest brilliancy	-9665 Aug 20 j 17:37	12°♉24'59	-4.9m
	-9665 Sep 15 j 16:21	0°♊	
asc. node	-9665 Sep 25 j 11:22	9°♊14'04	
morning max el	-9665 Sep 29 j 23:12	13°♊44'37	46°37'06
	-9665 Oct 15 j 06:37	0°♋	
	-9665 Nov 10 j 18:58	0°♌	
	-9665 Dec 06 j 11:18	0°♍	
	-9665 Dec 31 j 20:39	0°♎	
desc. node	-9664 Jan 16 j 08:37	18°♎25'47	
	-9664 Jan 26 j 01:11	0°♏	
	-9664 Feb 19 j 23:50	0°♐	
	-9664 Mar 15 j 15:33	0°♑	
morning set	-9664 Mar 29 j 16:26	17°♑14'07	
	-9664 Apr 09 j 00:33	0°♒	
max. Earth dist.	-9664 Apr 29 j 18:39	25°♒46'16	1.72309 AU
	-9664 May 03 j 04:02	0°♓	
superior conj	-9664 May 04 j 02:09	1°♓09'00	-0°06'43
minimum elong	-9664 May 04 j 03:32	1°♓13'17	0°06'59
behind sun begin	-9664 May 03 j 07:14	0°♓09'57	
behind sun end	-9664 May 04 j 23:50	2°♓16'38	
asc. node	-9664 May 06 j 23:14	4°♓44'33	
	-9664 May 27 j 03:39	0°♈	
evening rise	-9664 Jun 09 j 14:32	16°♈52'59	
	-9664 Jun 20 j 01:15	0°♉	
	-9664 Jul 13 j 22:58	0°♊	
	-9664 Aug 06 j 23:11	0°♋	
desc. node	-9664 Aug 27 j 19:45	25°♋51'48	
	-9664 Aug 31 j 04:12	0°♌	
	-9664 Sep 24 j 16:27	0°♍	
	-9664 Oct 19 j 16:09	0°♎	
	-9664 Nov 14 j 13:55	0°♏	
	-9664 Dec 12 j 17:54	0°♐	
evening max el	-9664 Dec 14 j 05:28	1°♐27'07	45°12'45
asc. node	-9664 Dec 17 j 16:53	4°♐47'23	
greatest brilliancy	-9663 Jan 20 j 18:30	29°♐13'09	-4.7m
	-9663 Jan 23 j 01:51	0°♑	
retrograde	-9663 Jan 31 j 15:34	1°♑20'58	
	-9663 Feb 08 j 21:06	30°℞♐	
evening set	-9663 Feb 18 j 03:40	25°♐33'58	
inferior conj	-9663 Feb 22 j 02:09	23°♐08'28	7°47'13
minimum elong	-9663 Feb 22 j 06:40	23°♐01'23	7°46'20
min. Earth dist.	-9663 Feb 22 j 22:15	22°♐36'57	0.29464 AU
morning rise	-9663 Feb 26 j 09:28	20°♐29'05	
direct	-9663 Mar 16 j 02:14	14°♐37'43	
greatest brilliancy	-9663 Mar 26 j 19:12	16°♐40'37	-4.7m
desc. node	-9663 Apr 09 j 18:51	24°♐10'32	
	-9663 Apr 17 j 14:32	0°♑	
morning max el	-9663 May 04 j 14:16	15°♑11'26	46°15'14
	-9663 May 19 j 03:07	0°♒	
	-9663 Jun 15 j 00:30	0°♓	
	-9663 Jul 10 j 05:52	0°♈	
asc. node	-9663 Jul 30 j 13:16	24°♈55'54	
	-9663 Aug 03 j 15:19	0°♉	
	-9663 Aug 27 j 15:22	0°♊	
	-9663 Sep 20 j 13:10	0°♋	
	-9663 Oct 14 j 13:21	0°♌	
morning set	-9663 Nov 07 j 21:22	0°♍10'54	
	-9663 Nov 07 j 17:50	0°♍	
desc. node	-9663 Nov 20 j 07:45	15°♍31'22	
	-9663 Dec 02 j 02:06	0°♎	
superior conj	-9663 Dec 18 j 11:36	20°♎08'34	-0°57'20
minimum elong	-9663 Dec 18 j 02:09	19°♎39'34	0°57'08
max. Earth dist.	-9663 Dec 19 j 11:42	21°♎22'31	1.73462 AU
	-9663 Dec 26 j 12:19	0°♏	
	-9662 Jan 19 j 23:02	0°♐	
evening rise	-9662 Jan 24 j 19:33	5°♐57'24	
greatest brilliancy	-9662 Feb 07 j 07:19	22°♐30'01	-3.9m
	-9662 Feb 13 j 10:09	0°♑	
	-9662 Mar 09 j 22:47	0°♒	
asc. node	-9662 Mar 11 j 23:59	2°♒30'06	
	-9662 Apr 03 j 14:29	0°♓	
	-9662 Apr 28 j 10:50	0°♈	
	-9662 May 23 j 14:28	0°♉	
	-9662 Jun 18 j 07:53	0°♊	
desc. node	-9662 Jul 02 j 23:54	16°♊32'26	
	-9662 Jul 15 j 09:35	0°♋	
evening max el	-9662 Jul 23 j 12:44	8°♋26'17	47°49'51
	-9662 Aug 16 j 05:01	0°♌	
greatest brilliancy	-9662 Sep 02 j 23:12	10°♌27'37	-4.9m
retrograde	-9662 Sep 12 j 16:47	12°♌17'37	
evening set	-9662 Sep 28 j 08:12	7°♌18'53	
inferior conj	-9662 Oct 03 j 10:36	4°♌10'19	-4°35'12
minimum elong	-9662 Oct 03 j 19:14	3°♌56'41	4°32'23
min. Earth dist.	-9662 Oct 02 j 22:07	4°♌30'02	0.27117 AU
morning rise	-9662 Oct 09 j 06:57	0°♌38'35	
	-9662 Oct 10 j 11:42	30°℞♋	
asc. node	-9662 Oct 22 j 22:19	26°♋21'56	
direct	-9662 Oct 23 j 19:52	26°♋20'56	
greatest brilliancy	-9662 Nov 02 j 05:18	28°♋03'00	-4.8m
	-9662 Nov 06 j 21:40	0°♌	
morning max el	-9662 Dec 12 j 06:53	27°♌49'10	46°08'52
	-9662 Dec 14 j 12:13	0°♍	
	-9661 Jan 12 j 02:44	0°♎	
	-9661 Feb 07 j 21:46	0°♏	
desc. node	-9661 Feb 12 j 21:38	5°♏43'08	
	-9661 Mar 05 j 18:56	0°♐	
	-9661 Mar 31 j 00:11	0°♑	
	-9661 Apr 24 j 16:33	0°♒	
	-9661 May 18 j 22:47	0°♓	
asc. node	-9661 Jun 04 j 12:34	20°♓43'34	
morning set	-9661 Jun 06 j 07:21	22°♓57'48	
	-9661 Jun 11 j 21:43	0°♈	
	-9661 Jul 05 j 16:19	0°♉	
superior conj	-9661 Jul 14 j 18:36	11°♉30'05	1°15'21
minimum elong	-9661 Jul 14 j 10:34	11°♉04'42	1°15'31
max. Earth dist.	-9661 Jul 14 j 22:24	11°♉42'06	1.70776 AU
	-9661 Jul 29 j 09:41	0°♊	
	-9661 Aug 22 j 04:40	0°♋	
evening rise	-9661 Aug 24 j 23:15	3°♋29'14	
	-9661 Sep 15 j 03:23	0°♌	
desc. node	-9661 Sep 25 j 07:51	12°♌41'09	
	-9661 Oct 09 j 06:57	0°♍	
	-9661 Nov 02 j 15:58	0°♎	
	-9661 Nov 27 j 07:59	0°♏	
	-9661 Dec 22 j 11:37	0°♐	
asc. node	-9660 Jan 15 j 03:27	27°♐17'42	
	-9660 Jan 17 j 13:14	0°♑	
	-9660 Feb 14 j 13:29	0°♒	
evening max el	-9660 Feb 24 j 15:29	9°♒51'42	45°03'57
	-9660 Mar 20 j 05:08	0°♓	
greatest brilliancy	-9660 Apr 02 j 20:06	6°♓57'19	-4.7m
retrograde	-9660 Apr 12 j 20:32	8°♓43'19	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

evening set	-9660 Apr 27 j 14:41	4°♓40'54	
inferior conj	-9660 May 03 j 23:03	1°♓03'36	0°46'31
minimum elong	-9660 May 04 j 00:47	1°♓01'00	0°45'41
min. Earth dist.	-9660 May 04 j 20:29	0°♓31'26	0.27580 AU
	-9660 May 05 j 17:32	30°♑℞	
desc. node	-9660 May 07 j 05:31	29°♒06'56	
morning rise	-9660 May 10 j 09:47	27°♒20'37	
direct	-9660 May 25 j 07:13	23°♒08'37	
greatest brilliancy	-9660 Jun 05 j 21:18	25°♒33'57	-4.8m
	-9660 Jun 14 j 12:14	0°♓	
morning max el	-9660 Jul 14 j 15:22	25°♓31'57	46°41'18
	-9660 Jul 18 j 23:57	0°♈	
	-9660 Aug 15 j 02:16	0°♉	
asc. node	-9660 Aug 27 j 01:57	14°♉04'31	
	-9660 Sep 09 j 08:45	0°♊	
	-9660 Oct 03 j 23:25	0°♋	
	-9660 Oct 28 j 10:24	0°♌	
	-9660 Nov 21 j 23:00	0°♍	
	-9660 Dec 16 j 14:00	0°♎	
desc. node	-9660 Dec 17 j 21:22	1°♎35'26	
	-9659 Jan 10 j 05:31	0°♏	
morning set	-9659 Jan 19 j 11:14	11°♏15'53	
	-9659 Feb 03 j 19:15	0°♐	
max. Earth dist.	-9659 Feb 21 j 12:22	21°♐43'25	1.73678 AU
superior conj	-9659 Feb 24 j 17:30	25°♐40'22	-1°16'06
minimum elong	-9659 Feb 24 j 22:38	25°♐56'11	1°16'35
	-9659 Feb 28 j 05:57	0°♑	
	-9659 Mar 24 j 13:51	0°♒	
evening rise	-9659 Mar 31 j 23:07	9°♒07'35	
asc. node	-9659 Apr 08 j 12:24	18°♒28'05	
	-9659 Apr 17 j 20:01	0°♓	
	-9659 May 12 j 01:36	0°♈	
	-9659 Jun 05 j 07:51	0°♉	
	-9659 Jun 29 j 16:43	0°♊	
	-9659 Jul 24 j 07:31	0°♋	
desc. node	-9659 Jul 30 j 10:37	7°♋23'27	
	-9659 Aug 18 j 10:06	0°♌	
	-9659 Sep 13 j 13:08	0°♍	
evening max el	-9659 Oct 02 j 08:14	20°♍05'30	46°50'43
	-9659 Oct 12 j 11:05	0°♎	
greatest brilliancy	-9659 Nov 10 j 20:20	21°♎05'56	-4.8m
asc. node	-9659 Nov 19 j 08:50	23°♎17'56	
retrograde	-9659 Nov 21 j 21:54	23°♎25'49	
evening set	-9659 Dec 07 j 10:18	18°♎34'55	
min. Earth dist.	-9659 Dec 12 j 12:13	15°♎25'14	0.28899 AU
inferior conj	-9659 Dec 13 j 03:58	14°♎59'44	5°07'32
minimum elong	-9659 Dec 12 j 19:34	15°♎13'21	5°05'34
morning rise	-9659 Dec 18 j 05:21	11°♎49'00	
direct	-9658 Jan 03 j 12:18	6°♎37'46	
greatest brilliancy	-9658 Jan 12 j 11:00	8°♎05'31	-4.7m
	-9658 Feb 14 j 11:40	0°♏	
morning max el	-9658 Feb 21 j 03:59	6°♏08'35	45°56'28
desc. node	-9658 Mar 12 j 09:45	25°♏24'54	
	-9658 Mar 16 j 17:49	0°♐	
	-9658 Apr 12 j 19:17	0°♑	
	-9658 May 08 j 10:17	0°♒	
	-9658 Jun 02 j 04:29	0°♓	
	-9658 Jun 26 j 09:12	0°♈	
greatest brilliancy	-9658 Jun 27 j 11:13	1°♈21'22	-3.9m
asc. node	-9658 Jul 02 j 02:14	7°♈09'07	
	-9658 Jul 20 j 05:47	0°♉	
	-9658 Aug 12 j 22:58	0°♊	
morning set	-9658 Aug 19 j 15:45	8°♊28'34	
	-9658 Sep 05 j 16:47	0°♋	
	-9658 Sep 29 j 14:09	0°♌	

superior conj	-9658 Sep 30 j 19:20	1°♌31'16	0°47'16
minimum elong	-9658 Oct 01 j 06:26	2°♌05'57	0°47'22
max. Earth dist.	-9658 Oct 07 j 17:40	10°♌10'27	1.71677 AU
desc. node	-9658 Oct 22 j 20:35	28°♌59'17	
	-9658 Oct 23 j 16:09	0°♍	
evening rise	-9658 Nov 12 j 10:32	24°♍27'32	
	-9658 Nov 16 j 22:20	0°♎	
	-9658 Dec 11 j 07:53	0°♏	
	-9657 Jan 04 j 21:08	0°♐	
	-9657 Jan 29 j 16:21	0°♑	
asc. node	-9657 Feb 11 j 14:29	15°♑26'51	
	-9657 Feb 23 j 21:37	0°♒	
	-9657 Mar 21 j 18:56	0°♓	
	-9657 Apr 17 j 20:11	0°♈	
evening max el	-9657 May 08 j 17:36	21°♈29'04	46°33'21
	-9657 May 17 j 18:57	0°♉	
desc. node	-9657 Jun 04 j 15:58	14°♉18'12	
greatest brilliancy	-9657 Jun 18 j 10:42	21°♉25'46	-4.9m
retrograde	-9657 Jun 27 j 21:02	23°♉05'06	
evening set	-9657 Jul 14 j 20:20	17°♉39'12	
min. Earth dist.	-9657 Jul 18 j 05:07	15°♉40'14	0.26553 AU
inferior conj	-9657 Jul 18 j 14:50	15°♉25'40	-8°23'58
minimum elong	-9657 Jul 18 j 08:06	15°♉35'45	8°22'54
morning rise	-9657 Jul 21 j 19:53	13°♉31'33	
direct	-9657 Aug 07 j 22:17	7°♉54'38	
greatest brilliancy	-9657 Aug 18 j 06:48	9°♉56'50	-4.9m
	-9657 Sep 15 j 22:33	0°♊	
asc. node	-9657 Sep 24 j 13:36	8°♊18'41	
morning max el	-9657 Sep 27 j 13:01	11°♊18'57	46°37'47
	-9657 Oct 15 j 01:01	0°♋	
	-9657 Nov 10 j 09:55	0°♌	
	-9657 Dec 06 j 00:36	0°♍	
	-9657 Dec 31 j 08:57	0°♎	
desc. node	-9656 Jan 15 j 10:52	17°♎57'10	
	-9656 Jan 25 j 12:49	0°♏	
	-9656 Feb 19 j 11:02	0°♐	
	-9656 Mar 15 j 02:31	0°♑	
morning set	-9656 Mar 27 j 11:53	15°♑12'37	
	-9656 Apr 08 j 11:26	0°♒	
max. Earth dist.	-9656 Apr 27 j 13:04	23°♒40'09	1.72369 AU
superior conj	-9656 May 01 j 20:32	29°♒02'33	-0°09'46
minimum elong	-9656 May 01 j 22:30	29°♒08'41	0°10'03
behind sun begin	-9656 May 01 j 05:00	28°♒14'05	
behind sun end	-9656 May 02 j 16:01	0°♓03'18	
	-9656 May 02 j 14:58	0°♓	
asc. node	-9656 May 06 j 01:20	4°♓17'00	
	-9656 May 26 j 14:41	0°♈	
evening rise	-9656 Jun 07 j 06:45	14°♈38'19	
	-9656 Jun 19 j 12:26	0°♉	
	-9656 Jul 13 j 10:22	0°♊	
	-9656 Aug 06 j 10:51	0°♋	
desc. node	-9656 Aug 26 j 21:55	25°♋21'40	
	-9656 Aug 30 j 16:13	0°♌	
	-9656 Sep 24 j 04:59	0°♍	
	-9656 Oct 19 j 05:36	0°♎	
	-9656 Nov 14 j 05:25	0°♏	
evening max el	-9656 Dec 11 j 22:09	29°♏17'44	45°14'59
	-9656 Dec 12 j 15:31	0°♐	
asc. node	-9656 Dec 16 j 19:18	3°♐57'40	
greatest brilliancy	-9655 Jan 18 j 10:37	27°♐06'15	-4.7m
retrograde	-9655 Jan 29 j 08:50	29°♐14'48	
evening set	-9655 Feb 15 j 21:38	23°♐25'54	
inferior conj	-9655 Feb 19 j 19:09	21°♐01'20	7°51'40
minimum elong	-9655 Feb 19 j 23:04	20°♐55'11	7°50'53
min. Earth dist.	-9655 Feb 20 j 13:38	20°♐32'16	0.29495 AU
morning rise	-9655 Feb 24 j 00:21	18°♐24'48	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

direct	-9655 Mar 13 j 19:47	12°♐30'18	
greatest brilliancy	-9655 Mar 24 j 09:34	14°♐30'30	-4.7m
desc. node	-9655 Apr 08 j 20:58	23°♐00'11	
	-9655 Apr 17 j 22:18	0°♑	
morning max el	-9655 May 02 j 06:51	13°♑01'20	46°14'08
	-9655 May 18 j 21:03	0°♒	
	-9655 Jun 14 j 15:01	0°♓	
	-9655 Jul 09 j 18:55	0°♈	
asc. node	-9655 Jul 29 j 15:28	24°♈24'15	
	-9655 Aug 03 j 03:37	0°♉	
	-9655 Aug 27 j 03:15	0°♊	
	-9655 Sep 20 j 00:47	0°♋	
	-9655 Oct 14 j 00:46	0°♌	
morning set	-9655 Nov 05 j 08:51	27°♌43'17	
	-9655 Nov 07 j 05:05	0°♍	
desc. node	-9655 Nov 19 j 09:54	15°♍03'31	
	-9655 Dec 01 j 13:13	0°♎	
superior conj	-9655 Dec 16 j 02:20	17°♎52'27	-0°54'56
minimum elong	-9655 Dec 15 j 16:52	17°♎23'21	0°54'42
max. Earth dist.	-9655 Dec 17 j 09:24	19°♎27'47	1.73427 AU
	-9655 Dec 25 j 23:21	0°♏	
	-9654 Jan 19 j 10:05	0°♐	
evening rise	-9654 Jan 22 j 13:43	3°♐52'02	
greatest brilliancy	-9654 Feb 06 j 06:27	21°♐53'22	-3.9m
	-9654 Feb 12 j 21:18	0°♑	
	-9654 Mar 09 j 10:13	0°♒	
asc. node	-9654 Mar 11 j 02:08	2°♒01'43	
	-9654 Apr 03 j 02:24	0°♓	
	-9654 Apr 27 j 23:34	0°♈	
	-9654 May 23 j 04:26	0°♉	
	-9654 Jun 17 j 24:00	0°♊	
desc. node	-9654 Jul 02 j 02:13	15°♊49'00	
	-9654 Jul 15 j 06:27	0°♋	
evening max el	-9654 Jul 21 j 04:22	6°♋05'45	47°49'29
	-9654 Aug 17 j 01:14	0°♌	
greatest brilliancy	-9654 Aug 31 j 14:39	8°♌03'34	-4.9m
retrograde	-9654 Sep 10 j 07:11	9°♌52'09	
evening set	-9654 Sep 26 j 01:07	4°♌50'32	
min. Earth dist.	-9654 Sep 30 j 12:27	2°♌05'21	0.27071 AU
inferior conj	-9654 Oct 01 j 00:41	1°♌46'01	-4°54'34
minimum elong	-9654 Oct 01 j 09:44	1°♌31'45	4°51'40
	-9654 Oct 03 j 20:40	30°♋	
morning rise	-9654 Oct 06 j 19:01	28°♋17'13	
direct	-9654 Oct 21 j 09:44	23°♋58'03	
asc. node	-9654 Oct 22 j 00:28	23°♋58'30	
greatest brilliancy	-9654 Oct 30 j 19:17	25°♋40'07	-4.8m
	-9654 Nov 08 j 21:30	0°♌	
morning max el	-9654 Dec 09 j 20:56	25°♌30'04	46°09'37
	-9654 Dec 14 j 10:03	0°♍	
	-9653 Jan 11 j 18:39	0°♎	
	-9653 Feb 07 j 11:23	0°♏	
desc. node	-9653 Feb 11 j 23:42	5°♏10'48	
	-9653 Mar 05 j 07:23	0°♐	
	-9653 Mar 30 j 11:58	0°♑	
	-9653 Apr 24 j 03:59	0°♒	
	-9653 May 18 j 10:02	0°♓	
morning set	-9653 Jun 03 j 23:12	20°♓41'43	
asc. node	-9653 Jun 03 j 14:50	20°♓15'27	
	-9653 Jun 11 j 08:55	0°♈	
	-9653 Jul 05 j 03:35	0°♉	
superior conj	-9653 Jul 12 j 07:08	9°♉02'17	1°13'44
minimum elong	-9653 Jul 11 j 22:38	8°♉35'25	1°13'51
max. Earth dist.	-9653 Jul 11 j 23:49	8°♉39'09	1.70802 AU
	-9653 Jul 28 j 21:03	0°♊	
	-9653 Aug 21 j 16:08	0°♋	
evening rise	-9653 Aug 22 j 07:08	0°♋47'09	
	-9653 Sep 14 j 14:55	0°♌	
desc. node	-9653 Sep 24 j 09:56	12°♌11'36	
	-9653 Oct 08 j 18:35	0°♍	
	-9653 Nov 02 j 03:48	0°♎	
	-9653 Nov 26 j 20:14	0°♏	
	-9653 Dec 22 j 00:44	0°♐	
asc. node	-9652 Jan 14 j 05:41	26°♐42'26	
	-9652 Jan 17 j 04:18	0°♑	
	-9652 Feb 14 j 09:46	0°♒	
evening max el	-9652 Feb 22 j 04:57	7°♒34'23	45°02'17
	-9652 Mar 21 j 11:02	0°♓	
greatest brilliancy	-9652 Mar 31 j 09:40	4°♓40'10	-4.7m
retrograde	-9652 Apr 10 j 09:35	6°♓26'10	
evening set	-9652 Apr 25 j 05:36	2°♓21'22	
	-9652 Apr 29 j 10:57	30°♑℞	
inferior conj	-9652 May 01 j 12:53	28°♒45'38	1°07'48
minimum elong	-9652 May 01 j 15:24	28°♒41'51	1°06'43
min. Earth dist.	-9652 May 02 j 11:50	28°♒11'12	0.27650 AU
desc. node	-9652 May 06 j 07:48	25°♒56'37	
morning rise	-9652 May 07 j 23:59	25°♒01'47	
direct	-9652 May 22 j 21:18	20°♒48'55	
greatest brilliancy	-9652 Jun 03 j 13:13	23°♒15'32	-4.8m
	-9652 Jun 15 j 16:50	0°♓	
morning max el	-9652 Jul 12 j 04:55	23°♓07'06	46°40'48
	-9652 Jul 18 j 21:01	0°♈	
	-9652 Aug 14 j 18:17	0°♉	
asc. node	-9652 Aug 26 j 04:06	13°♉26'38	
	-9652 Sep 08 j 22:46	0°♊	
	-9652 Oct 03 j 12:24	0°♋	
	-9652 Oct 27 j 22:44	0°♌	
	-9652 Nov 21 j 10:52	0°♍	
	-9652 Dec 16 j 01:31	0°♎	
desc. node	-9652 Dec 16 j 23:36	1°♎07'13	
	-9651 Jan 09 j 16:46	0°♏	
morning set	-9651 Jan 17 j 04:14	9°♏07'14	
	-9651 Feb 03 j 06:20	0°♐	
max. Earth dist.	-9651 Feb 19 j 09:10	19°♐46'01	1.73703 AU
superior conj	-9651 Feb 22 j 13:06	23°♐39'14	-1°17'03
minimum elong	-9651 Feb 22 j 17:48	23°♐53'40	1°17'33
	-9651 Feb 27 j 16:59	0°♑	
	-9651 Mar 24 j 00:59	0°♒	
evening rise	-9651 Mar 29 j 18:55	7°♒05'56	
asc. node	-9651 Apr 07 j 14:31	17°♒59'51	
	-9651 Apr 17 j 07:21	0°♓	
	-9651 May 11 j 13:15	0°♈	
	-9651 Jun 04 j 19:55	0°♉	
	-9651 Jun 29 j 05:20	0°♊	
	-9651 Jul 23 j 20:56	0°♋	
desc. node	-9651 Jul 29 j 12:46	6°♋48'52	
	-9651 Aug 18 j 00:51	0°♌	
	-9651 Sep 13 j 06:42	0°♍	
evening max el	-9651 Sep 29 j 23:19	17°♍46'25	46°54'20
	-9651 Oct 12 j 14:05	0°♎	
greatest brilliancy	-9651 Nov 08 j 14:14	18°♎54'23	-4.8m
asc. node	-9651 Nov 18 j 11:16	21°♎12'42	
retrograde	-9651 Nov 19 j 15:19	21°♎14'23	
evening set	-9651 Dec 05 j 01:35	16°♎25'45	
min. Earth dist.	-9651 Dec 10 j 04:44	13°♎14'38	0.28838 AU
inferior conj	-9651 Dec 10 j 20:59	12°♎48'22	4°52'43
minimum elong	-9651 Dec 10 j 12:45	13°♎01'41	4°50'46
morning rise	-9651 Dec 16 j 00:28	9°♎34'48	
direct	-9650 Jan 01 j 04:02	4°♎27'09	
greatest brilliancy	-9650 Jan 10 j 03:01	5°♎55'21	-4.7m
	-9650 Feb 14 j 13:03	0°♏	
morning max el	-9650 Feb 18 j 20:16	3°♏59'43	45°56'28

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

desc. node	-9650 Mar 11 j 11:53	24°♏44'50	
	-9650 Mar 16 j 10:27	0°♐	
	-9650 Apr 12 j 09:10	0°♑	
	-9650 May 07 j 22:59	0°♒	
	-9650 Jun 01 j 16:35	0°♓	
	-9650 Jun 25 j 20:58	0°♈	
asc. node	-9650 Jul 01 j 04:23	6°♈39'06	
greatest brilliancy	-9650 Jul 02 j 17:03	8°♈34'10	-3.9m
	-9650 Jul 19 j 17:23	0°♉	
	-9650 Aug 12 j 10:28	0°♊	
morning set	-9650 Aug 17 j 01:43	5°♊51'57	
	-9650 Sep 05 j 04:15	0°♋	
superior conj	-9650 Sep 28 j 03:35	28°♋51'12	0°50'31
minimum elong	-9650 Sep 28 j 15:05	29°♋27'08	0°50'36
	-9650 Sep 29 j 01:35	0°♌	
max. Earth dist.	-9650 Oct 05 j 00:40	7°♌26'59	1.71612 AU
desc. node	-9650 Oct 21 j 22:45	28°♌30'32	
	-9650 Oct 23 j 03:34	0°♍	
evening rise	-9650 Nov 09 j 21:56	21°♍59'25	
	-9650 Nov 16 j 09:45	0°♎	
	-9650 Dec 10 j 19:20	0°♏	
	-9649 Jan 04 j 08:46	0°♐	
	-9649 Jan 29 j 04:27	0°♑	
asc. node	-9649 Feb 10 j 16:41	14°♑56'15	
	-9649 Feb 23 j 10:39	0°♒	
	-9649 Mar 21 j 09:44	0°♓	
	-9649 Apr 17 j 14:43	0°♈	
evening max el	-9649 May 06 j 07:11	19°♈05'57	46°29'29
	-9649 May 18 j 01:31	0°♉	
desc. node	-9649 Jun 03 j 18:16	12°♉51'16	
greatest brilliancy	-9649 Jun 15 j 20:44	18°♉53'09	-4.9m
retrograde	-9649 Jun 25 j 09:17	20°♉33'45	
evening set	-9649 Jul 12 j 03:45	15°♉14'07	
min. Earth dist.	-9649 Jul 15 j 16:39	13°♉09'25	0.26556 AU
inferior conj	-9649 Jul 16 j 02:27	12°♉54'46	-8°15'04
minimum elong	-9649 Jul 15 j 19:01	13°♉05'53	8°13'52
morning rise	-9649 Jul 19 j 10:17	10°♉56'56	
direct	-9649 Aug 05 j 10:59	5°♉23'52	
greatest brilliancy	-9649 Aug 15 j 19:15	7°♉26'08	-4.9m
	-9649 Sep 16 j 03:16	0°♊	
asc. node	-9649 Sep 23 j 15:49	7°♊23'18	
morning max el	-9649 Sep 25 j 02:39	8°♊51'46	46°38'32
	-9649 Oct 14 j 19:17	0°♋	
	-9649 Nov 10 j 00:55	0°♌	
	-9649 Dec 05 j 14:01	0°♍	
	-9649 Dec 30 j 21:24	0°♎	
desc. node	-9648 Jan 14 j 12:50	17°♎27'05	
	-9648 Jan 25 j 00:39	0°♏	
	-9648 Feb 18 j 22:27	0°♐	
	-9648 Mar 14 j 13:41	0°♑	
morning set	-9648 Mar 25 j 07:33	13°♑11'18	
	-9648 Apr 07 j 22:31	0°♒	
max. Earth dist.	-9648 Apr 25 j 06:43	21°♒31'17	1.72429 AU
superior conj	-9648 Apr 29 j 15:09	26°♒56'22	-0°12'48
minimum elong	-9648 Apr 29 j 17:41	27°♒04'16	0°13'03
behind sun begin	-9648 Apr 29 j 04:48	26°♒24'07	
behind sun end	-9648 Apr 30 j 06:34	27°♒44'26	
	-9648 May 02 j 02:04	0°♓	
asc. node	-9648 May 05 j 03:39	3°♓49'30	
	-9648 May 26 j 01:55	0°♈	
evening rise	-9648 Jun 04 j 23:04	12°♈23'23	
	-9648 Jun 18 j 23:52	0°♉	
	-9648 Jul 12 j 22:03	0°♊	
	-9648 Aug 05 j 22:50	0°♋	
desc. node	-9648 Aug 26 j 00:02	24°♋50'26	
	-9648 Aug 30 j 04:32	0°♌	
	-9648 Sep 23 j 17:47	0°♍	
	-9648 Oct 18 j 19:22	0°♎	
	-9648 Nov 13 j 21:20	0°♏	
evening max el	-9648 Dec 09 j 14:30	27°♏06'56	45°17'15
	-9648 Dec 12 j 14:11	0°♐	
asc. node	-9648 Dec 15 j 21:33	3°♐06'11	
greatest brilliancy	-9647 Jan 16 j 03:26	24°♐59'44	-4.7m
retrograde	-9647 Jan 27 j 01:40	27°♐08'20	
evening set	-9647 Feb 13 j 15:32	21°♐18'00	
inferior conj	-9647 Feb 17 j 12:16	18°♐54'09	7°55'32
minimum elong	-9647 Feb 17 j 15:34	18°♐48'56	7°54'48
min. Earth dist.	-9647 Feb 18 j 05:26	18°♐27'02	0.29520 AU
morning rise	-9647 Feb 21 j 15:29	16°♐20'05	
direct	-9647 Mar 11 j 13:06	10°♐22'51	
greatest brilliancy	-9647 Mar 22 j 00:12	12°♐20'27	-4.7m
desc. node	-9647 Apr 07 j 23:10	21°♐51'42	
	-9647 Apr 18 j 03:57	0°♑	
morning max el	-9647 Apr 29 j 22:36	10°♑49'08	46°13'08
	-9647 May 18 j 14:40	0°♒	
	-9647 Jun 14 j 05:27	0°♓	
	-9647 Jul 09 j 07:59	0°♈	
asc. node	-9647 Jul 28 j 17:35	23°♈52'04	
	-9647 Aug 02 j 16:00	0°♉	
	-9647 Aug 26 j 15:16	0°♊	
	-9647 Sep 19 j 12:34	0°♋	
	-9647 Oct 13 j 12:20	0°♌	
morning set	-9647 Nov 02 j 19:55	25°♌13'52	
	-9647 Nov 06 j 16:27	0°♍	
desc. node	-9647 Nov 18 j 12:07	14°♍35'32	
	-9647 Dec 01 j 00:25	0°♎	
superior conj	-9647 Dec 13 j 16:46	15°♎35'07	-0°52'24
minimum elong	-9647 Dec 13 j 07:20	15°♎06'10	0°52'10
max. Earth dist.	-9647 Dec 15 j 07:16	17°♎33'23	1.73385 AU
	-9647 Dec 25 j 10:27	0°♏	
	-9646 Jan 18 j 21:11	0°♐	
evening rise	-9646 Jan 20 j 07:48	1°♐46'12	
greatest brilliancy	-9646 Feb 05 j 14:54	21°♐45'03	-3.9m
	-9646 Feb 12 j 08:31	0°♑	
	-9646 Mar 08 j 21:42	0°♒	
asc. node	-9646 Mar 10 j 04:20	1°♒33'20	
	-9646 Apr 02 j 14:24	0°♓	
	-9646 Apr 27 j 12:21	0°♈	
	-9646 May 22 j 18:30	0°♉	
	-9646 Jun 17 j 16:18	0°♊	
desc. node	-9646 Jul 01 j 04:19	15°♊04'29	
	-9646 Jul 15 j 04:01	0°♋	
evening max el	-9646 Jul 18 j 18:44	3°♋41'53	47°48'43
	-9646 Aug 18 j 04:57	0°♌	
greatest brilliancy	-9646 Aug 29 j 06:23	5°♌39'04	-4.9m
retrograde	-9646 Sep 07 j 20:52	7°♌25'36	
evening set	-9646 Sep 23 j 17:55	2°♌20'54	
	-9646 Sep 27 j 13:45	30°℞♋	
min. Earth dist.	-9646 Sep 28 j 02:57	29°♋39'08	0.27029 AU
inferior conj	-9646 Sep 28 j 14:35	29°♋20'46	-5°13'32
minimum elong	-9646 Sep 28 j 23:58	29°♋05'57	5°10'36
morning rise	-9646 Oct 04 j 06:37	25°♋55'04	
direct	-9646 Oct 18 j 22:52	21°♋33'56	
asc. node	-9646 Oct 21 j 02:52	21°♋39'38	
greatest brilliancy	-9646 Oct 28 j 09:41	23°♋16'44	-4.8m
	-9646 Nov 10 j 06:04	0°♌	
morning max el	-9646 Dec 07 j 10:16	23°♌08'33	46°10'33
	-9646 Dec 14 j 07:14	0°♍	
	-9645 Jan 11 j 10:20	0°♎	
	-9645 Feb 07 j 00:50	0°♏	
desc. node	-9645 Feb 11 j 01:52	4°♏39'02	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9645 Mar 04 j 19:41	0°♐	
	-9645 Mar 29 j 23:39	0°♑	
	-9645 Apr 23 j 15:17	0°♒	
	-9645 May 17 j 21:10	0°♓	
morning set	-9645 Jun 01 j 15:32	18°♓27'33	
asc. node	-9645 Jun 02 j 16:59	19°♓47'22	
	-9645 Jun 10 j 20:01	0°♈	
	-9645 Jul 04 j 14:43	0°♉	
max. Earth dist.	-9645 Jul 09 j 05:07	5°♉48'56	1.70831 AU
superior conj	-9645 Jul 09 j 20:12	6°♉36'37	1°11'59
minimum elong	-9645 Jul 09 j 11:18	6°♉08'29	1°12'03
	-9645 Jul 28 j 08:16	0°♊	
evening rise	-9645 Aug 19 j 15:31	28°♊07'08	
	-9645 Aug 21 j 03:26	0°♋	
	-9645 Sep 14 j 02:20	0°♌	
desc. node	-9645 Sep 23 j 12:10	11°♌42'52	
	-9645 Oct 08 j 06:09	0°♍	
	-9645 Nov 01 j 15:35	0°♎	
	-9645 Nov 26 j 08:27	0°♏	
	-9645 Dec 21 j 13:50	0°♐	
asc. node	-9644 Jan 13 j 07:52	26°♐07'09	
	-9644 Jan 16 j 19:25	0°♑	
	-9644 Feb 14 j 06:30	0°♒	
evening max el	-9644 Feb 19 j 18:36	5°♒18'16	45°00'54
	-9644 Mar 23 j 05:36	0°♓	
greatest brilliancy	-9644 Mar 28 j 22:44	2°♓23'31	-4.7m
retrograde	-9644 Apr 07 j 23:16	4°♓10'17	
evening set	-9644 Apr 22 j 20:48	0°♓02'42	
	-9644 Apr 22 j 22:53	30°♓♒	
inferior conj	-9644 Apr 29 j 02:50	26°♒28'39	1°28'53
minimum elong	-9644 Apr 29 j 06:06	26°♒23'45	1°27'33
min. Earth dist.	-9644 Apr 30 j 03:02	25°♒52'23	0.27722 AU
desc. node	-9644 May 05 j 10:06	22°♒49'48	
morning rise	-9644 May 05 j 14:09	22°♒44'25	
direct	-9644 May 20 j 11:48	18°♒30'10	
greatest brilliancy	-9644 Jun 01 j 05:07	20°♒58'08	-4.8m
	-9644 Jun 16 j 13:24	0°♓	
morning max el	-9644 Jul 09 j 19:39	20°♓46'14	46°40'24
	-9644 Jul 18 j 17:07	0°♈	
	-9644 Aug 14 j 09:47	0°♉	
asc. node	-9644 Aug 25 j 06:20	12°♉50'09	
	-9644 Sep 08 j 12:23	0°♊	
	-9644 Oct 03 j 01:01	0°♋	
	-9644 Oct 27 j 10:46	0°♌	
	-9644 Nov 20 j 22:30	0°♍	
	-9644 Dec 15 j 12:49	0°♎	
desc. node	-9644 Dec 16 j 01:36	0°♎38'55	
	-9643 Jan 09 j 03:49	0°♏	
morning set	-9643 Jan 14 j 20:50	6°♏57'53	
	-9643 Feb 02 j 17:11	0°♐	
max. Earth dist.	-9643 Feb 17 j 07:25	17°♐53'47	1.73724 AU
superior conj	-9643 Feb 20 j 08:26	21°♐38'00	-1°17'55
minimum elong	-9643 Feb 20 j 12:40	21°♐51'00	1°18'26
	-9643 Feb 27 j 03:46	0°♑	
	-9643 Mar 23 j 11:50	0°♒	
evening rise	-9643 Mar 27 j 14:39	5°♒05'03	
asc. node	-9643 Apr 06 j 16:48	17°♒33'00	
	-9643 Apr 16 j 18:26	0°♓	
	-9643 May 11 j 00:40	0°♈	
	-9643 Jun 04 j 07:46	0°♉	
	-9643 Jun 28 j 17:44	0°♊	
	-9643 Jul 23 j 10:08	0°♋	
desc. node	-9643 Jul 28 j 14:58	6°♋15'12	
	-9643 Aug 17 j 15:25	0°♌	
	-9643 Sep 13 j 00:14	0°♍	

evening max el	-9643 Sep 27 j 15:19	15°♍30'50	46°57'52
	-9643 Oct 12 j 18:14	0°♎	
greatest brilliancy	-9643 Nov 06 j 07:38	16°♎43'07	-4.8m
retrograde	-9643 Nov 17 j 09:09	19°♎03'37	
asc. node	-9643 Nov 17 j 13:27	19°♎03'35	
evening set	-9643 Dec 02 j 16:57	14°♎17'06	
min. Earth dist.	-9643 Dec 07 j 20:57	11°♎04'57	0.28778 AU
inferior conj	-9643 Dec 08 j 13:57	10°♎37'33	4°37'23
minimum elong	-9643 Dec 08 j 05:55	10°♎50'29	4°35'27
morning rise	-9643 Dec 13 j 19:32	7°♎21'17	
direct	-9643 Dec 29 j 20:09	2°♎17'11	
greatest brilliancy	-9642 Jan 07 j 18:38	3°♎45'25	-4.7m
	-9642 Feb 14 j 12:55	0°♏	
morning max el	-9642 Feb 16 j 13:25	1°♏53'41	45°56'24
desc. node	-9642 Mar 10 j 14:07	24°♏06'16	
	-9642 Mar 16 j 02:28	0°♐	
	-9642 Apr 11 j 22:38	0°♑	
	-9642 May 07 j 11:16	0°♒	
	-9642 Jun 01 j 04:17	0°♓	
	-9642 Jun 25 j 08:23	0°♈	
asc. node	-9642 Jun 30 j 06:26	6°♈09'52	
greatest brilliancy	-9642 Jul 04 j 17:52	11°♈47'15	-3.9m
	-9642 Jul 19 j 04:39	0°♉	
	-9642 Aug 11 j 21:40	0°♊	
morning set	-9642 Aug 14 j 11:57	3°♊17'04	
	-9642 Sep 04 j 15:24	0°♋	
superior conj	-9642 Sep 25 j 12:02	26°♋12'38	0°53'37
minimum elong	-9642 Sep 25 j 23:49	26°♋49'29	0°53'44
	-9642 Sep 28 j 12:41	0°♌	
max. Earth dist.	-9642 Oct 02 j 09:36	4°♌50'22	1.71546 AU
desc. node	-9642 Oct 21 j 00:57	28°♌03'03	
	-9642 Oct 22 j 14:38	0°♍	
evening rise	-9642 Nov 07 j 09:24	19°♍32'36	
	-9642 Nov 15 j 20:46	0°♎	
	-9642 Dec 10 j 06:26	0°♏	
	-9641 Jan 03 j 20:05	0°♐	
	-9641 Jan 28 j 16:17	0°♑	
asc. node	-9641 Feb 09 j 18:55	14°♑26'41	
	-9641 Feb 22 j 23:27	0°♒	
	-9641 Mar 21 j 00:21	0°♓	
	-9641 Apr 17 j 09:19	0°♈	
evening max el	-9641 May 03 j 21:20	16°♈45'33	46°25'40
	-9641 May 18 j 09:51	0°♉	
desc. node	-9641 Jun 02 j 20:21	11°♉22'14	
greatest brilliancy	-9641 Jun 13 j 07:03	16°♉22'29	-4.9m
retrograde	-9641 Jun 22 j 21:20	18°♉03'46	
evening set	-9641 Jul 09 j 11:12	12°♉50'49	
min. Earth dist.	-9641 Jul 13 j 04:27	10°♉39'52	0.26561 AU
inferior conj	-9641 Jul 13 j 14:08	10°♉25'21	-8°05'09
minimum elong	-9641 Jul 13 j 06:03	10°♉37'28	8°03'48
morning rise	-9641 Jul 17 j 00:56	8°♉23'19	
direct	-9641 Aug 02 j 23:50	2°♉54'38	
greatest brilliancy	-9641 Aug 13 j 07:47	4°♉56'36	-4.9m
	-9641 Sep 16 j 05:55	0°♊	
morning max el	-9641 Sep 22 j 15:52	6°♊24'25	46°39'15
asc. node	-9641 Sep 22 j 18:06	6°♊30'10	
	-9641 Oct 14 j 12:50	0°♋	
	-9641 Nov 09 j 15:24	0°♌	
	-9641 Dec 05 j 02:58	0°♍	
	-9641 Dec 30 j 09:25	0°♎	
desc. node	-9640 Jan 13 j 15:02	16°♎58'47	
	-9640 Jan 24 j 12:04	0°♏	
	-9640 Feb 18 j 09:30	0°♐	
	-9640 Mar 14 j 00:33	0°♑	
morning set	-9640 Mar 23 j 03:09	11°♑10'48	
	-9640 Apr 07 j 09:18	0°♒	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

max. Earth dist.	-9640 Apr 22 j 22:45	19°♒18'20	1.72489 AU
superior conj	-9640 Apr 27 j 09:48	24°♒51'21	-0°15'49
minimum elong	-9640 Apr 27 j 12:53	25°♒00'56	0°16'02
	-9640 May 01 j 12:53	0°♓	
asc. node	-9640 May 04 j 05:46	3°♓22'19	
	-9640 May 25 j 12:51	0°♈	
evening rise	-9640 Jun 02 j 15:29	10°♈09'50	
	-9640 Jun 18 j 11:00	0°♉	
	-9640 Jul 12 j 09:27	0°♊	
	-9640 Aug 05 j 10:32	0°♋	
desc. node	-9640 Aug 25 j 02:17	24°♋20'27	
	-9640 Aug 29 j 16:36	0°♌	
	-9640 Sep 23 j 06:23	0°♍	
	-9640 Oct 18 j 08:57	0°♎	
	-9640 Nov 13 j 13:09	0°♏	
evening max el	-9640 Dec 07 j 06:11	24°♏55'22	45°19'40
	-9640 Dec 12 j 13:22	0°♐	
asc. node	-9640 Dec 14 j 23:43	2°♐14'41	
greatest brilliancy	-9639 Jan 13 j 20:33	22°♐54'46	-4.7m
retrograde	-9639 Jan 24 j 18:19	25°♐03'27	
evening set	-9639 Feb 11 j 09:22	19°♐11'53	
inferior conj	-9639 Feb 15 j 05:35	16°♐48'30	7°58'38
minimum elong	-9639 Feb 15 j 08:15	16°♐44'17	7°57'59
min. Earth dist.	-9639 Feb 15 j 21:42	16°♐22'59	0.29545 AU
morning rise	-9639 Feb 19 j 07:00	14°♐16'41	
direct	-9639 Mar 09 j 06:09	8°♐16'52	
greatest brilliancy	-9639 Mar 19 j 15:36	10°♐12'31	-4.7m
desc. node	-9639 Apr 07 j 01:27	20°♐46'07	
	-9639 Apr 18 j 07:22	0°♑	
morning max el	-9639 Apr 27 j 13:58	8°♑36'54	46°12'06
	-9639 May 18 j 07:39	0°♒	
	-9639 Jun 13 j 19:29	0°♓	
	-9639 Jul 08 j 20:43	0°♈	
asc. node	-9639 Jul 27 j 19:50	23°♈21'12	
	-9639 Aug 02 j 04:05	0°♉	
	-9639 Aug 26 j 03:00	0°♊	
	-9639 Sep 19 j 00:04	0°♋	
	-9639 Oct 12 j 23:40	0°♌	
morning set	-9639 Oct 31 j 06:46	22°♌44'12	
	-9639 Nov 06 j 03:37	0°♍	
desc. node	-9639 Nov 17 j 14:06	14°♍07'24	
	-9639 Nov 30 j 11:26	0°♎	
superior conj	-9639 Dec 11 j 07:02	13°♎17'52	-0°49'48
minimum elong	-9639 Dec 10 j 21:43	12°♎49'16	0°49'30
max. Earth dist.	-9639 Dec 13 j 03:06	15°♎33'13	1.73337 AU
	-9639 Dec 24 j 21:22	0°♏	
evening rise	-9638 Jan 18 j 01:47	29°♏40'45	
	-9638 Jan 18 j 08:04	0°♐	
greatest brilliancy	-9638 Feb 05 j 01:23	21°♐43'42	-3.9m
	-9638 Feb 11 j 19:31	0°♑	
	-9638 Mar 08 j 09:00	0°♒	
asc. node	-9638 Mar 09 j 06:38	1°♒05'52	
	-9638 Apr 02 j 02:15	0°♓	
	-9638 Apr 27 j 01:04	0°♈	
	-9638 May 22 j 08:34	0°♉	
	-9638 Jun 17 j 08:46	0°♊	
desc. node	-9638 Jun 30 j 06:35	14°♊20'08	
	-9638 Jul 15 j 02:16	0°♋	
evening max el	-9638 Jul 16 j 08:09	1°♋15'52	47°47'55
	-9638 Aug 19 j 20:10	0°♌	
greatest brilliancy	-9638 Aug 26 j 22:09	3°♌14'31	-4.9m
retrograde	-9638 Sep 05 j 10:08	4°♌59'04	
evening set	-9638 Sep 21 j 10:36	29°♋50'50	
	-9638 Sep 21 j 04:19	30°℞♋	
min. Earth dist.	-9638 Sep 25 j 17:27	27°♋12'33	0.26992 AU
inferior conj	-9638 Sep 26 j 04:19	26°♋55'23	-5°31'54
minimum elong	-9638 Sep 26 j 13:59	26°♋40'09	5°28'59
morning rise	-9638 Oct 01 j 17:51	23°♋33'10	
direct	-9638 Oct 16 j 11:33	19°♋09'22	
asc. node	-9638 Oct 20 j 05:04	19°♋26'02	
greatest brilliancy	-9638 Oct 26 j 00:20	20°♋53'33	-4.9m
	-9638 Nov 11 j 05:28	0°♌	
morning max el	-9638 Dec 04 j 23:48	20°♌47'22	46°11'33
	-9638 Dec 14 j 03:40	0°♍	
	-9637 Jan 11 j 01:44	0°♎	
	-9637 Feb 06 j 14:07	0°♏	
desc. node	-9637 Feb 10 j 04:03	4°♏07'39	
	-9637 Mar 04 j 07:51	0°♐	
	-9637 Mar 29 j 11:10	0°♑	
	-9637 Apr 23 j 02:28	0°♒	
	-9637 May 17 j 08:13	0°♓	
morning set	-9637 May 30 j 07:57	16°♓13'51	
asc. node	-9637 Jun 01 j 19:04	19°♓19'10	
	-9637 Jun 10 j 07:05	0°♈	
	-9637 Jul 04 j 01:52	0°♉	
max. Earth dist.	-9637 Jul 06 j 12:20	3°♉04'44	1.70864 AU
superior conj	-9637 Jul 07 j 09:12	4°♉10'42	1°10'05
minimum elong	-9637 Jul 06 j 23:59	3°♉41'34	1°10'07
	-9637 Jul 27 j 19:30	0°♊	
evening rise	-9637 Aug 16 j 23:50	25°♊26'48	
	-9637 Aug 20 j 14:45	0°♋	
	-9637 Sep 13 j 13:46	0°♌	
desc. node	-9637 Sep 22 j 14:18	11°♌13'52	
	-9637 Oct 07 j 17:44	0°♍	
	-9637 Nov 01 j 03:25	0°♎	
	-9637 Nov 25 j 20:44	0°♏	
	-9637 Dec 21 j 03:04	0°♐	
asc. node	-9636 Jan 12 j 10:14	25°♐31'56	
	-9636 Jan 16 j 10:47	0°♑	
	-9636 Feb 14 j 03:58	0°♒	
evening max el	-9636 Feb 17 j 09:10	3°♒04'31	44°59'47
	-9636 Mar 26 j 03:14	0°♓	
greatest brilliancy	-9636 Mar 26 j 11:19	0°♓07'01	-4.7m
retrograde	-9636 Apr 05 j 13:29	1°♓55'06	
	-9636 Apr 15 j 13:16	30°℞♒	
evening set	-9636 Apr 20 j 12:21	27°♒44'38	
inferior conj	-9636 Apr 26 j 16:55	24°♒12'16	1°49'27
minimum elong	-9636 Apr 26 j 20:55	24°♒06'16	1°47'55
min. Earth dist.	-9636 Apr 27 j 17:54	23°♒34'50	0.27796 AU
morning rise	-9636 May 03 j 04:19	20°♒28'00	
desc. node	-9636 May 04 j 12:08	19°♒47'07	
direct	-9636 May 18 j 03:03	16°♒12'11	
greatest brilliancy	-9636 May 29 j 20:32	18°♒40'45	-4.8m
	-9636 Jun 17 j 04:43	0°♓	
morning max el	-9636 Jul 07 j 11:12	18°♓27'29	46°39'41
	-9636 Jul 18 j 12:44	0°♈	
	-9636 Aug 14 j 01:13	0°♉	
asc. node	-9636 Aug 24 j 08:34	12°♉13'20	
	-9636 Sep 08 j 02:05	0°♊	
	-9636 Oct 02 j 13:47	0°♋	
	-9636 Oct 26 j 22:56	0°♌	
	-9636 Nov 20 j 10:15	0°♍	
desc. node	-9636 Dec 15 j 03:44	0°♎10'37	
	-9636 Dec 15 j 00:15	0°♎	
	-9635 Jan 08 j 15:00	0°♏	
morning set	-9635 Jan 12 j 13:05	4°♏47'00	
	-9635 Feb 02 j 04:12	0°♐	
max. Earth dist.	-9635 Feb 15 j 06:24	16°♐03'12	1.73740 AU
superior conj	-9635 Feb 18 j 03:37	19°♐35'47	-1°18'41
minimum elong	-9635 Feb 18 j 07:22	19°♐47'18	1°19'12

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9635 Feb 26 j 14:44	0°♉	
	-9635 Mar 22 j 22:52	0°♒	
evening rise	-9635 Mar 25 j 10:28	3°♒03'55	
asc. node	-9635 Apr 05 j 18:57	17°♒05'15	
	-9635 Apr 16 j 05:40	0°♓	
	-9635 May 10 j 12:13	0°♈	
	-9635 Jun 03 j 19:46	0°♉	
	-9635 Jun 28 j 06:20	0°♊	
	-9635 Jul 22 j 23:39	0°♋	
desc. node	-9635 Jul 27 j 17:13	5°♋40'46	
	-9635 Aug 17 j 06:26	0°♌	
	-9635 Sep 12 j 18:32	0°♍	
evening max el	-9635 Sep 25 j 08:09	13°♍16'07	47°01'21
	-9635 Oct 13 j 00:58	0°♎	
greatest brilliancy	-9635 Nov 04 j 00:56	14°♎30'09	-4.8m
retrograde	-9635 Nov 15 j 02:51	16°♎50'47	
asc. node	-9635 Nov 16 j 15:37	16°♎47'50	
evening set	-9635 Nov 30 j 08:14	12°♎06'32	
min. Earth dist.	-9635 Dec 05 j 12:50	8°♎53'31	0.28714 AU
inferior conj	-9635 Dec 06 j 06:38	8°♎24'49	4°21'34
minimum elong	-9635 Dec 05 j 22:53	8°♎37'19	4°19'38
morning rise	-9635 Dec 11 j 14:16	5°♎05'51	
direct	-9635 Dec 27 j 12:21	0°♎05'32	
greatest brilliancy	-9634 Jan 05 j 09:38	1°♎33'15	-4.7m
morning max el	-9634 Feb 14 j 06:21	29°♎46'14	45°56'20
	-9634 Feb 14 j 12:11	0°♏	
desc. node	-9634 Mar 09 j 16:16	23°♏26'58	
	-9634 Mar 15 j 18:34	0°♐	
	-9634 Apr 11 j 12:16	0°♑	
	-9634 May 06 j 23:46	0°♒	
	-9634 May 31 j 16:12	0°♓	
	-9634 Jun 24 j 19:59	0°♈	
asc. node	-9634 Jun 29 j 08:43	5°♈40'46	
greatest brilliancy	-9634 Jul 05 j 23:18	13°♈59'01	-3.9m
	-9634 Jul 18 j 16:07	0°♉	
	-9634 Aug 11 j 09:04	0°♊	
morning set	-9634 Aug 11 j 22:24	0°♊42'11	
	-9634 Sep 04 j 02:49	0°♋	
superior conj	-9634 Sep 22 j 20:15	23°♋32'13	0°56'37
minimum elong	-9634 Sep 23 j 08:11	24°♋09'36	0°56'46
	-9634 Sep 28 j 00:07	0°♌	
max. Earth dist.	-9634 Sep 29 j 19:35	2°♌15'54	1.71485 AU
desc. node	-9634 Oct 20 j 02:58	27°♌33'55	
	-9634 Oct 22 j 02:02	0°♍	
evening rise	-9634 Nov 04 j 20:06	17°♍02'07	
	-9634 Nov 15 j 08:10	0°♎	
	-9634 Dec 09 j 17:54	0°♏	
	-9633 Jan 03 j 07:48	0°♐	
	-9633 Jan 28 j 04:32	0°♑	
asc. node	-9633 Feb 08 j 21:11	13°♑55'57	
	-9633 Feb 22 j 12:43	0°♒	
	-9633 Mar 20 j 15:34	0°♓	
	-9633 Apr 17 j 04:48	0°♈	
evening max el	-9633 May 01 j 11:15	14°♈23'43	46°21'54
	-9633 May 18 j 21:26	0°♉	
desc. node	-9633 Jun 01 j 22:40	9°♉49'36	
greatest brilliancy	-9633 Jun 10 j 18:04	13°♉52'14	-4.9m
retrograde	-9633 Jun 20 j 08:53	15°♉33'27	
evening set	-9633 Jul 06 j 18:46	10°♉27'28	
min. Earth dist.	-9633 Jul 10 j 16:44	8°♉09'44	0.26564 AU
inferior conj	-9633 Jul 11 j 01:57	7°♉55'55	-7°54'24
minimum elong	-9633 Jul 10 j 17:16	8°♉08'56	7°52'52
morning rise	-9633 Jul 14 j 15:49	5°♉49'24	
direct	-9633 Jul 31 j 12:24	0°♉25'21	
greatest brilliancy	-9633 Aug 10 j 20:52	2°♉27'23	-4.9m
	-9633 Sep 16 j 07:25	0°♊	
morning max el	-9633 Sep 20 j 04:00	3°♊53'33	46°39'45
asc. node	-9633 Sep 21 j 20:18	5°♊37'06	
	-9633 Oct 14 j 06:18	0°♋	
	-9633 Nov 09 j 06:06	0°♌	
	-9633 Dec 04 j 16:15	0°♍	
	-9633 Dec 29 j 21:49	0°♎	
desc. node	-9632 Jan 12 j 17:14	16°♎29'20	
	-9632 Jan 23 j 23:53	0°♏	
	-9632 Feb 17 j 20:56	0°♐	
	-9632 Mar 13 j 11:46	0°♑	
morning set	-9632 Mar 20 j 22:25	9°♑08'08	
	-9632 Apr 06 j 20:27	0°♒	
max. Earth dist.	-9632 Apr 20 j 15:09	17°♒05'27	1.72551 AU
superior conj	-9632 Apr 25 j 04:24	22°♒45'07	-0°18'47
minimum elong	-9632 Apr 25 j 08:00	22°♒56'21	0°19'01
	-9632 May 01 j 00:04	0°♓	
asc. node	-9632 May 03 j 07:52	2°♓53'57	
	-9632 May 25 j 00:09	0°♈	
evening rise	-9632 May 31 j 08:06	7°♈55'52	
	-9632 Jun 17 j 22:29	0°♉	
	-9632 Jul 11 j 21:10	0°♊	
	-9632 Aug 04 j 22:31	0°♋	
desc. node	-9632 Aug 24 j 04:27	23°♋49'24	
	-9632 Aug 29 j 04:55	0°♌	
	-9632 Sep 22 j 19:17	0°♍	
	-9632 Oct 17 j 22:56	0°♎	
	-9632 Nov 13 j 05:39	0°♏	
evening max el	-9632 Dec 04 j 21:03	22°♏40'22	45°22'06
	-9632 Dec 12 j 14:16	0°♐	
asc. node	-9632 Dec 14 j 02:06	1°♐21'14	
greatest brilliancy	-9631 Jan 11 j 13:28	20°♐47'49	-4.7m
retrograde	-9631 Jan 22 j 10:58	22°♐57'01	
evening set	-9631 Feb 09 j 02:49	17°♐04'23	
inferior conj	-9631 Feb 12 j 22:48	14°♐41'14	8°01'02
minimum elong	-9631 Feb 13 j 00:48	14°♐38'04	8°00'27
min. Earth dist.	-9631 Feb 13 j 14:01	14°♐17'06	0.29568 AU
morning rise	-9631 Feb 16 j 22:38	12°♐11'30	
direct	-9631 Mar 06 j 22:42	6°♐09'09	
greatest brilliancy	-9631 Mar 17 j 07:30	8°♐03'45	-4.7m
desc. node	-9631 Apr 06 j 03:32	19°♐40'31	
	-9631 Apr 18 j 09:49	0°♑	
morning max el	-9631 Apr 25 j 05:10	6°♑23'06	46°11'08
	-9631 May 18 j 00:44	0°♒	
	-9631 Jun 13 j 09:46	0°♓	
	-9631 Jul 08 j 09:45	0°♈	
asc. node	-9631 Jul 26 j 21:59	22°♈49'02	
	-9631 Aug 01 j 16:27	0°♉	
	-9631 Aug 25 j 14:59	0°♊	
	-9631 Sep 18 j 11:47	0°♋	
	-9631 Oct 12 j 11:11	0°♌	
morning set	-9631 Oct 28 j 17:51	20°♌14'26	
	-9631 Nov 05 j 14:58	0°♍	
desc. node	-9631 Nov 16 j 16:17	13°♍39'15	
	-9631 Nov 29 j 22:40	0°♎	
superior conj	-9631 Dec 08 j 21:15	10°♎59'39	-0°47'05
minimum elong	-9631 Dec 08 j 12:06	10°♎31'35	0°46'46
max. Earth dist.	-9631 Dec 10 j 21:19	13°♎27'21	1.73294 AU
	-9631 Dec 24 j 08:33	0°♏	
evening rise	-9630 Jan 15 j 19:32	27°♏33'39	
	-9630 Jan 17 j 19:15	0°♐	
greatest brilliancy	-9630 Feb 04 j 16:47	21°♐56'24	-3.9m
	-9630 Feb 11 j 06:49	0°♑	
	-9630 Mar 07 j 20:38	0°♒	
asc. node	-9630 Mar 08 j 08:45	0°♒36'54	
	-9630 Apr 01 j 14:27	0°♓	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9630 Apr 26 j 14:11	0°♈		
	-9630 May 21 j 23:07	0°♉		
	-9630 Jun 17 j 01:53	0°♊		
desc. node	-9630 Jun 29 j 08:52	13°♊34'14		
evening max el	-9630 Jul 13 j 21:29	28°♊48'50	47°47'03	
	-9630 Jul 15 j 01:46	0°♋		
	-9630 Aug 22 j 10:50	0°♌		
greatest brilliancy	-9630 Aug 24 j 13:39	0°♌48'50	-4.9m	
retrograde	-9630 Sep 02 j 23:42	2°♌32'03		
	-9630 Sep 14 j 00:54	30°℞♋		
evening set	-9630 Sep 19 j 03:18	27°♋19'53		
inferior conj	-9630 Sep 23 j 18:03	24°♋29'26	-5°49'47	
minimum elong	-9630 Sep 24 j 03:55	24°♋13'54	5°46'54	
min. Earth dist.	-9630 Sep 23 j 07:47	24°♋45'35	0.26952 AU	
morning rise	-9630 Sep 29 j 04:55	21°♋11'15		
direct	-9630 Oct 14 j 00:11	16°♋44'08		
asc. node	-9630 Oct 19 j 07:14	17°♋17'23		
greatest brilliancy	-9630 Oct 23 j 14:50	18°♋29'56	-4.9m	
	-9630 Nov 11 j 22:53	0°♌		
morning max el	-9630 Dec 02 j 14:08	18°♌27'50	46°12'37	
	-9630 Dec 13 j 23:33	0°♍		
	-9629 Jan 10 j 17:02	0°♎		
	-9629 Feb 06 j 03:28	0°♏		
desc. node	-9629 Feb 09 j 06:09	3°♏35'38		
	-9629 Mar 03 j 20:09	0°♐		
	-9629 Mar 28 j 22:53	0°♑		
	-9629 Apr 22 j 13:52	0°♒		
	-9629 May 16 j 19:28	0°♓		
morning set	-9629 May 28 j 00:27	13°♓59'59		
asc. node	-9629 May 31 j 21:21	18°♓51'06		
	-9629 Jun 09 j 18:19	0°♈		
	-9629 Jul 03 j 13:10	0°♉		
max. Earth dist.	-9629 Jul 03 j 21:19	0°♉25'44	1.70900 AU	
superior conj	-9629 Jul 04 j 22:17	1°♉44'36	1°08'04	
minimum elong	-9629 Jul 04 j 12:50	1°♉14'46	1°08'03	
	-9629 Jul 27 j 06:54	0°♊		
evening rise	-9629 Aug 14 j 08:23	22°♊46'36		
	-9629 Aug 20 j 02:15	0°♋		
	-9629 Sep 13 j 01:21	0°♌		
desc. node	-9629 Sep 21 j 16:23	10°♌44'14		
	-9629 Oct 07 j 05:26	0°♍		
	-9629 Oct 31 j 15:19	0°♎		
	-9629 Nov 25 j 09:04	0°♏		
	-9629 Dec 20 j 16:22	0°♐		
asc. node	-9628 Jan 11 j 12:26	24°♐56'00		
	-9628 Jan 16 j 02:24	0°♑		
	-9628 Feb 14 j 02:21	0°♒		
evening max el	-9628 Feb 15 j 00:37	0°♒52'46	44°58'35	
greatest brilliancy	-9628 Mar 24 j 00:04	27°♒50'43	-4.7m	
retrograde	-9628 Apr 03 j 03:51	29°♒39'47		
evening set	-9628 Apr 18 j 04:11	25°♒26'39		
inferior conj	-9628 Apr 24 j 07:07	21°♒55'51	2°09'43	
minimum elong	-9628 Apr 24 j 11:48	21°♒48'50	2°08'00	
min. Earth dist.	-9628 Apr 25 j 08:35	21°♒17'39	0.27871 AU	
morning rise	-9628 Apr 30 j 18:21	18°♒11'44		
desc. node	-9628 May 03 j 14:27	16°♒47'34		
direct	-9628 May 15 j 18:47	13°♒54'26		
greatest brilliancy	-9628 May 27 j 11:24	16°♒22'37	-4.8m	
	-9628 Jun 17 j 16:20	0°♓		
morning max el	-9628 Jul 05 j 02:44	16°♓08'47	46°38'55	
	-9628 Jul 18 j 07:54	0°♈		
	-9628 Aug 13 j 16:30	0°♉		
asc. node	-9628 Aug 23 j 10:43	11°♉36'27		
	-9628 Sep 07 j 15:41	0°♊		
	-9628 Oct 02 j 02:30	0°♋		
	-9628 Oct 26 j 11:04	0°♌		
	-9628 Nov 19 j 21:58	0°♍		
desc. node	-9628 Dec 14 j 05:57	29°♍42'45		
	-9628 Dec 14 j 11:37	0°♎		
	-9627 Jan 08 j 02:05	0°♏		
morning set	-9627 Jan 10 j 05:39	2°♏37'21		
	-9627 Feb 01 j 15:07	0°♐		
max. Earth dist.	-9627 Feb 13 j 06:41	14°♐16'58	1.73756 AU	
superior conj	-9627 Feb 15 j 23:02	17°♐34'32	-1°19'21	
minimum elong	-9627 Feb 16 j 02:16	17°♐44'28	1°19'52	
	-9627 Feb 26 j 01:36	0°♑		
	-9627 Mar 22 j 09:52	0°♒		
evening rise	-9627 Mar 23 j 06:26	1°♒03'29		
asc. node	-9627 Apr 04 j 21:05	16°♒37'36		
	-9627 Apr 15 j 16:54	0°♓		
	-9627 May 09 j 23:47	0°♈		
	-9627 Jun 03 j 07:47	0°♉		
	-9627 Jun 27 j 18:59	0°♊		
	-9627 Jul 22 j 13:12	0°♋		
desc. node	-9627 Jul 26 j 19:21	5°♋06'00		
	-9627 Aug 16 j 21:35	0°♌		
	-9627 Sep 12 j 13:11	0°♍		
evening max el	-9627 Sep 23 j 01:23	11°♍02'34	47°04'43	
	-9627 Oct 13 j 10:01	0°♎		
greatest brilliancy	-9627 Nov 01 j 18:47	12°♎18'09	-4.8m	
retrograde	-9627 Nov 12 j 20:24	14°♎38'08		
asc. node	-9627 Nov 15 j 18:03	14°♎27'32		
evening set	-9627 Nov 27 j 23:47	9°♎56'21		
min. Earth dist.	-9627 Dec 03 j 04:57	6°♎42'20	0.28643 AU	
inferior conj	-9627 Dec 03 j 23:23	6°♎12'36	4°05'17	
minimum elong	-9627 Dec 03 j 15:58	6°♎24'34	4°03'25	
morning rise	-9627 Dec 09 j 09:00	2°♎50'53		
	-9627 Dec 15 j 01:32	30°℞♍		
direct	-9627 Dec 25 j 04:45	27°♍54'38		
greatest brilliancy	-9626 Jan 03 j 00:39	29°♍21'37	-4.7m	
	-9626 Jan 04 j 21:22	0°♎		
morning max el	-9626 Feb 11 j 22:40	27°♎38'03	45°56'20	
	-9626 Feb 14 j 10:10	0°♏		
desc. node	-9626 Mar 08 j 18:24	22°♏48'50		
	-9626 Mar 15 j 10:07	0°♐		
	-9626 Apr 11 j 01:33	0°♑		
	-9626 May 06 j 12:01	0°♒		
	-9626 May 31 j 03:56	0°♓		
	-9626 Jun 24 j 07:28	0°♈		
asc. node	-9626 Jun 28 j 10:53	5°♈11'35		
greatest brilliancy	-9626 Jul 06 j 21:43	15°♈49'16	-3.9m	
	-9626 Jul 18 j 03:27	0°♉		
morning set	-9626 Aug 09 j 08:49	28°♉07'32		
	-9626 Aug 10 j 20:21	0°♊		
	-9626 Sep 03 j 14:04	0°♋		
superior conj	-9626 Sep 20 j 04:26	20°♋52'12	0°59'30	
minimum elong	-9626 Sep 20 j 16:24	21°♋29'43	0°59'39	
	-9626 Sep 27 j 11:22	0°♌		
max. Earth dist.	-9626 Sep 27 j 06:33	29°♋44'58	1.71422 AU	
desc. node	-9626 Oct 19 j 05:10	27°♌05'56		
	-9626 Oct 21 j 13:15	0°♍		
evening rise	-9626 Nov 02 j 06:32	14°♍31'20		
	-9626 Nov 14 j 19:23	0°♎		
	-9626 Dec 09 j 05:10	0°♏		
	-9625 Jan 02 j 19:18	0°♐		
	-9625 Jan 27 j 16:32	0°♑		
asc. node	-9625 Feb 07 j 23:23	13°♑25'51		
	-9625 Feb 22 j 01:43	0°♒		
	-9625 Mar 20 j 06:35	0°♓		
	-9625 Apr 17 j 00:27	0°♈		
evening max el	-9625 Apr 29 j 00:13	12°♈00'34	46°17'52	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9625 May 19 j 12:20	0°♉	
desc. node	-9625 Jun 01 j 00:55	8°♉13'56	
greatest brilliancy	-9625 Jun 08 j 05:29	11°♉23'01	-4.9m
retrograde	-9625 Jun 17 j 19:47	13°♉03'44	
evening set	-9625 Jul 04 j 02:12	8°♉04'35	
min. Earth dist.	-9625 Jul 08 j 05:26	5°♉39'30	0.26574 AU
inferior conj	-9625 Jul 08 j 13:44	5°♉27'04	-7°42'35
minimum elong	-9625 Jul 08 j 04:32	5°♉40'51	7°40'53
morning rise	-9625 Jul 12 j 06:50	3°♉15'48	
	-9625 Jul 18 j 21:11	30°℞♈	
direct	-9625 Jul 29 j 00:28	27°♈56'19	
	-9625 Aug 08 j 11:25	0°♉	
greatest brilliancy	-9625 Aug 08 j 10:44	29°♈59'22	-4.9m
	-9625 Sep 16 j 07:34	0°♊	
morning max el	-9625 Sep 17 j 15:18	1°♊20'49	46°40'24
asc. node	-9625 Sep 20 j 22:32	4°♊45'30	
	-9625 Oct 13 j 23:15	0°♋	
	-9625 Nov 08 j 20:24	0°♌	
	-9625 Dec 04 j 05:09	0°♍	
	-9625 Dec 29 j 09:52	0°♎	
desc. node	-9624 Jan 11 j 19:14	16°♎00'11	
	-9624 Jan 23 j 11:22	0°♏	
	-9624 Feb 17 j 08:02	0°♐	
	-9624 Mar 12 j 22:38	0°♑	
morning set	-9624 Mar 18 j 18:05	7°♑07'52	
	-9624 Apr 06 j 07:14	0°♒	
max. Earth dist.	-9624 Apr 18 j 10:32	15°♒03'04	1.72613 AU
superior conj	-9624 Apr 22 j 23:32	20°♒41'50	-0°21'42
minimum elong	-9624 Apr 23 j 03:39	20°♒54'37	0°21'55
	-9624 Apr 30 j 10:52	0°♓	
asc. node	-9624 May 02 j 10:12	2°♓27'29	
	-9624 May 24 j 11:06	0°♈	
evening rise	-9624 May 29 j 01:19	5°♈44'57	
	-9624 Jun 17 j 09:41	0°♉	
	-9624 Jul 11 j 08:39	0°♊	
	-9624 Aug 04 j 10:18	0°♋	
desc. node	-9624 Aug 23 j 06:34	23°♋18'46	
	-9624 Aug 28 j 17:05	0°♌	
	-9624 Sep 22 j 08:03	0°♍	
	-9624 Oct 17 j 12:50	0°♎	
	-9624 Nov 12 j 22:10	0°♏	
evening max el	-9624 Dec 02 j 11:40	20°♏25'29	45°24'46
	-9624 Dec 12 j 16:05	0°♐	
asc. node	-9624 Dec 13 j 04:20	0°♐27'12	
greatest brilliancy	-9623 Jan 09 j 05:59	18°♐41'26	-4.7m
retrograde	-9623 Jan 20 j 04:07	20°♐51'59	
evening set	-9623 Feb 06 j 20:11	14°♐58'18	
inferior conj	-9623 Feb 10 j 16:08	12°♐35'14	8°02'55
minimum elong	-9623 Feb 10 j 17:29	12°♐33'06	8°02'22
min. Earth dist.	-9623 Feb 11 j 06:20	12°♐12'43	0.29586 AU
morning rise	-9623 Feb 14 j 14:36	10°♐07'28	
direct	-9623 Mar 04 j 15:17	4°♐02'39	
greatest brilliancy	-9623 Mar 14 j 23:41	5°♐56'43	-4.7m
desc. node	-9623 Apr 05 j 05:47	18°♐38'05	
	-9623 Apr 18 j 10:22	0°♑	
morning max el	-9623 Apr 22 j 21:08	4°♑12'37	46°10'24
	-9623 May 17 j 17:00	0°♒	
	-9623 Jun 12 j 23:27	0°♓	
	-9623 Jul 07 j 22:17	0°♈	
asc. node	-9623 Jul 26 j 00:07	22°♈18'03	
	-9623 Aug 01 j 04:26	0°♉	
	-9623 Aug 25 j 02:40	0°♊	
	-9623 Sep 17 j 23:16	0°♋	
	-9623 Oct 11 j 22:29	0°♌	
morning set	-9623 Oct 26 j 04:16	17°♌43'05	
	-9623 Nov 05 j 02:07	0°♍	
desc. node	-9623 Nov 15 j 18:28	13°♍11'49	
	-9623 Nov 29 j 09:41	0°♎	
superior conj	-9623 Dec 06 j 10:53	8°♎40'23	-0°44'14
minimum elong	-9623 Dec 06 j 01:59	8°♎13'01	0°43'55
max. Earth dist.	-9623 Dec 08 j 14:12	11°♎18'07	1.73247 AU
	-9623 Dec 23 j 19:28	0°♏	
evening rise	-9622 Jan 13 j 13:03	25°♏26'45	
	-9622 Jan 17 j 06:10	0°♐	
greatest brilliancy	-9622 Feb 04 j 20:07	22°♐46'23	-3.9m
	-9622 Feb 10 j 17:53	0°♑	
asc. node	-9622 Mar 07 j 11:00	0°♒09'08	
	-9622 Mar 07 j 08:00	0°♒	
	-9622 Apr 01 j 02:23	0°♓	
	-9622 Apr 26 j 03:00	0°♈	
	-9622 May 21 j 13:22	0°♉	
	-9622 Jun 16 j 18:48	0°♊	
desc. node	-9622 Jun 28 j 10:59	12°♊48'34	
evening max el	-9622 Jul 11 j 11:13	26°♊24'13	47°45'56
	-9622 Jul 15 j 01:45	0°♋	
greatest brilliancy	-9622 Aug 22 j 04:15	28°♋22'49	-4.9m
	-9622 Aug 29 j 10:40	0°♌	
retrograde	-9622 Aug 31 j 13:29	0°♌05'31	
	-9622 Sep 02 j 15:49	30°℞♋	
evening set	-9622 Sep 16 j 19:55	24°♋48'59	
inferior conj	-9622 Sep 21 j 07:37	22°♋03'35	-6°07'06
minimum elong	-9622 Sep 21 j 17:39	21°♋47'52	6°04'14
min. Earth dist.	-9622 Sep 20 j 21:40	22°♋19'12	0.26924 AU
morning rise	-9622 Sep 26 j 15:42	18°♋49'53	
direct	-9622 Oct 11 j 13:15	14°♋18'53	
asc. node	-9622 Oct 18 j 09:38	15°♋14'09	
greatest brilliancy	-9622 Oct 21 j 05:01	16°♋06'04	-4.9m
	-9622 Nov 12 j 11:50	0°♌	
morning max el	-9622 Nov 30 j 05:13	16°♌10'16	46°13'36
	-9622 Dec 13 j 18:46	0°♍	
	-9621 Jan 10 j 07:59	0°♎	
	-9621 Feb 05 j 16:31	0°♏	
desc. node	-9621 Feb 08 j 08:19	3°♏04'34	
	-9621 Mar 03 j 08:11	0°♐	
	-9621 Mar 28 j 10:19	0°♑	
	-9621 Apr 22 j 00:59	0°♒	
	-9621 May 16 j 06:27	0°♓	
morning set	-9621 May 25 j 17:27	11°♓48'41	
asc. node	-9621 May 30 j 23:28	18°♓23'22	
	-9621 Jun 09 j 05:17	0°♈	
max. Earth dist.	-9621 Jul 01 j 06:43	27°♈49'03	1.70931 AU
superior conj	-9621 Jul 02 j 12:03	29°♈21'41	1°05'58
minimum elong	-9621 Jul 02 j 02:27	28°♈51'24	1°05'54
	-9621 Jul 03 j 00:10	0°♉	
	-9621 Jul 26 j 17:58	0°♊	
evening rise	-9621 Aug 11 j 17:34	20°♊09'21	
	-9621 Aug 19 j 13:26	0°♋	
	-9621 Sep 12 j 12:41	0°♌	
desc. node	-9621 Sep 20 j 18:38	10°♌15'53	
	-9621 Oct 06 j 16:57	0°♍	
	-9621 Oct 31 j 03:06	0°♎	
	-9621 Nov 24 j 21:21	0°♏	
	-9621 Dec 20 j 05:43	0°♐	
asc. node	-9620 Jan 10 j 14:39	24°♐20'02	
	-9620 Jan 15 j 18:10	0°♑	
evening max el	-9620 Feb 12 j 16:12	28°♑41'38	44°57'33
	-9620 Feb 14 j 01:34	0°♒	
greatest brilliancy	-9620 Mar 21 j 13:22	25°♒35'40	-4.7m
retrograde	-9620 Mar 31 j 17:55	27°♒24'54	
evening set	-9620 Apr 15 j 20:11	23°♒09'13	
inferior conj	-9620 Apr 21 j 21:18	19°♒40'03	2°29'46

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

minimum elong	-9620 Apr 22 j 02:38	19°♒32'02	2°27'51
min. Earth dist.	-9620 Apr 22 j 23:15	19°♒01'00	0.27942 AU
morning rise	-9620 Apr 28 j 08:07	15°♒56'05	
desc. node	-9620 May 02 j 16:43	13°♒52'19	
direct	-9620 May 13 j 10:30	11°♒37'23	
greatest brilliancy	-9620 May 25 j 01:50	14°♒04'27	-4.8m
	-9620 Jun 18 j 00:47	0°♓	
morning max el	-9620 Jul 02 j 17:34	13°♓49'00	46°38'16
	-9620 Jul 18 j 02:20	0°♈	
	-9620 Aug 13 j 07:20	0°♉	
asc. node	-9620 Aug 22 j 12:56	11°♉00'46	
	-9620 Sep 07 j 04:56	0°♊	
	-9620 Oct 01 j 14:54	0°♋	
	-9620 Oct 25 j 22:58	0°♌	
	-9620 Nov 19 j 09:30	0°♍	
desc. node	-9620 Dec 13 j 07:56	29°♍14'26	
	-9620 Dec 13 j 22:52	0°♎	
morning set	-9619 Jan 07 j 21:41	0°♏26'11	
	-9619 Jan 07 j 13:06	0°♏	
	-9619 Feb 01 j 01:59	0°♐	
max. Earth dist.	-9619 Feb 11 j 05:17	12°♐25'42	1.73768 AU
superior conj	-9619 Feb 13 j 17:57	15°♐31'53	-1°19'55
minimum elong	-9619 Feb 13 j 20:38	15°♐40'07	1°20'26
	-9619 Feb 25 j 12:27	0°♑	
evening rise	-9619 Mar 21 j 02:02	29°♑02'06	
	-9619 Mar 21 j 20:48	0°♒	
asc. node	-9619 Apr 03 j 23:24	16°♒10'38	
	-9619 Apr 15 j 04:05	0°♓	
	-9619 May 09 j 11:19	0°♈	
	-9619 Jun 02 j 19:47	0°♉	
	-9619 Jun 27 j 07:36	0°♊	
	-9619 Jul 22 j 02:45	0°♋	
desc. node	-9619 Jul 25 j 21:35	4°♋31'40	
	-9619 Aug 16 j 12:44	0°♌	
	-9619 Sep 12 j 08:05	0°♍	
evening max el	-9619 Sep 20 j 17:51	8°♍47'26	47°07'57
	-9619 Oct 13 j 21:54	0°♎	
greatest brilliancy	-9619 Oct 30 j 13:00	10°♎06'55	-4.8m
retrograde	-9619 Nov 10 j 13:27	12°♎25'34	
asc. node	-9619 Nov 14 j 20:13	12°♎02'27	
evening set	-9619 Nov 25 j 15:27	7°♎46'09	
min. Earth dist.	-9619 Nov 30 j 21:23	4°♎30'49	0.28578 AU
inferior conj	-9619 Dec 01 j 16:09	4°♎00'29	3°48'28
minimum elong	-9619 Dec 01 j 09:06	4°♎11'53	3°46'41
morning rise	-9619 Dec 07 j 03:38	0°♎35'55	
	-9619 Dec 08 j 05:03	30°℞♍	
direct	-9619 Dec 22 j 21:02	25°♍43'48	
greatest brilliancy	-9619 Dec 31 j 16:13	27°♍10'16	-4.7m
	-9618 Jan 07 j 12:38	0°♎	
morning max el	-9618 Feb 09 j 14:09	25°♎27'28	45°56'14
	-9618 Feb 14 j 07:30	0°♏	
desc. node	-9618 Mar 07 j 20:37	22°♏10'54	
	-9618 Mar 15 j 01:34	0°♐	
	-9618 Apr 10 j 14:51	0°♑	
	-9618 May 06 j 00:18	0°♒	
	-9618 May 30 j 15:41	0°♓	
	-9618 Jun 23 j 18:56	0°♈	
asc. node	-9618 Jun 27 j 12:56	4°♈42'07	
greatest brilliancy	-9618 Jul 07 j 07:56	17°♈01'04	-3.9m
	-9618 Jul 17 j 14:48	0°♉	
morning set	-9618 Aug 06 j 19:18	25°♉32'59	
	-9618 Aug 10 j 07:39	0°♊	
	-9618 Sep 03 j 01:22	0°♋	
superior conj	-9618 Sep 17 j 12:57	18°♋13'05	1°02'14
minimum elong	-9618 Sep 18 j 00:50	18°♋50'21	1°02'24
max. Earth dist.	-9618 Sep 24 j 16:16	27°♋09'57	1.71354 AU
	-9618 Sep 26 j 22:37	0°♌	
desc. node	-9618 Oct 18 j 07:21	26°♌37'55	
	-9618 Oct 21 j 00:27	0°♍	
evening rise	-9618 Oct 30 j 17:02	12°♍00'39	
	-9618 Nov 14 j 06:34	0°♎	
	-9618 Dec 08 j 16:28	0°♏	
	-9617 Jan 02 j 06:53	0°♐	
	-9617 Jan 27 j 04:42	0°♑	
asc. node	-9617 Feb 07 j 01:39	12°♑55'25	
	-9617 Feb 21 j 15:00	0°♒	
	-9617 Mar 19 j 22:01	0°♓	
	-9617 Apr 16 j 20:57	0°♈	
evening max el	-9617 Apr 26 j 12:12	9°♈34'39	46°14'02
	-9617 May 20 j 08:25	0°♉	
desc. node	-9617 May 31 j 03:00	6°♉33'54	
greatest brilliancy	-9617 Jun 05 j 16:57	8°♉53'34	-4.9m
retrograde	-9617 Jun 15 j 06:41	10°♉34'01	
evening set	-9617 Jul 01 j 09:39	5°♉41'10	
inferior conj	-9617 Jul 06 j 01:31	2°♉58'01	-7°29'48
minimum elong	-9617 Jul 05 j 15:53	3°♉12'26	7°27'56
min. Earth dist.	-9617 Jul 05 j 18:17	3°♉08'51	0.26585 AU
morning rise	-9617 Jul 09 j 21:59	0°♉41'58	
	-9617 Jul 11 j 04:05	30°℞♈	
direct	-9617 Jul 26 j 12:12	25°♈26'44	
greatest brilliancy	-9617 Aug 06 j 01:02	27°♈31'34	-4.9m
	-9617 Aug 11 j 10:34	0°♉	
morning max el	-9617 Sep 15 j 02:54	28°♉48'18	46°41'08
	-9617 Sep 16 j 06:50	0°♊	
asc. node	-9617 Sep 20 j 00:50	3°♊54'32	
	-9617 Oct 13 j 16:00	0°♋	
	-9617 Nov 08 j 10:39	0°♌	
	-9617 Dec 03 j 18:04	0°♍	
	-9617 Dec 28 j 21:58	0°♎	
desc. node	-9616 Jan 10 j 21:26	15°♎31'24	
	-9616 Jan 22 j 22:56	0°♏	
	-9616 Feb 16 j 19:17	0°♐	
	-9616 Mar 12 j 09:43	0°♑	
morning set	-9616 Mar 16 j 13:32	5°♑06'13	
	-9616 Apr 05 j 18:15	0°♒	
max. Earth dist.	-9616 Apr 16 j 06:41	13°♒02'22	1.72674 AU
superior conj	-9616 Apr 20 j 18:26	18°♒37'04	-0°24'36
minimum elong	-9616 Apr 20 j 23:02	18°♒51'20	0°24'48
	-9616 Apr 29 j 21:56	0°♓	
asc. node	-9616 May 01 j 12:17	1°♓59'30	
	-9616 May 23 j 22:18	0°♈	
evening rise	-9616 May 26 j 18:21	3°♈32'55	
	-9616 Jun 16 j 21:06	0°♉	
	-9616 Jul 10 j 20:20	0°♊	
	-9616 Aug 03 j 22:18	0°♋	
desc. node	-9616 Aug 22 j 08:50	22°♋47'52	
	-9616 Aug 28 j 05:30	0°♌	
	-9616 Sep 21 j 21:05	0°♍	
	-9616 Oct 17 j 03:03	0°♎	
	-9616 Nov 12 j 15:09	0°♏	
evening max el	-9616 Nov 30 j 02:47	18°♏11'28	45°27'38
asc. node	-9616 Dec 12 j 06:33	29°♏31'40	
	-9616 Dec 12 j 19:35	0°♐	
greatest brilliancy	-9615 Jan 06 j 22:01	16°♐34'15	-4.7m
retrograde	-9615 Jan 17 j 21:49	18°♐46'48	
evening set	-9615 Feb 04 j 13:24	12°♐52'16	
inferior conj	-9615 Feb 08 j 09:33	10°♐28'53	8°04'02
minimum elong	-9615 Feb 08 j 10:15	10°♐27'46	8°03'30
min. Earth dist.	-9615 Feb 08 j 22:20	10°♐08'38	0.29605 AU
morning rise	-9615 Feb 12 j 06:58	8°♐02'47	
direct	-9615 Mar 02 j 08:18	1°♐55'51	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

greatest brilliancy	-9615 Mar 12 j 15:30	3°♐49'04	-4.7m
desc. node	-9615 Apr 04 j 08:02	17°♐36'28	
	-9615 Apr 18 j 10:09	0°♑	
morning max el	-9615 Apr 20 j 14:02	2°♑03'47	46°09'28
	-9615 May 17 j 09:21	0°♒	
	-9615 Jun 12 j 13:23	0°♓	
	-9615 Jul 07 j 11:08	0°♈	
asc. node	-9615 Jul 25 j 02:24	21°♈46'35	
	-9615 Jul 31 j 16:42	0°♉	
	-9615 Aug 24 j 14:36	0°♊	
	-9615 Sep 17 j 10:58	0°♋	
	-9615 Oct 11 j 10:01	0°♌	
morning set	-9615 Oct 23 j 14:39	15°♌10'39	
	-9615 Nov 04 j 13:30	0°♍	
desc. node	-9615 Nov 14 j 20:28	12°♍43'00	
	-9615 Nov 28 j 20:56	0°♎	
superior conj	-9615 Dec 04 j 00:28	6°♎20'05	-0°41'19
minimum elong	-9615 Dec 03 j 15:53	5°♎53'39	0°40'58
max. Earth dist.	-9615 Dec 06 j 07:02	9°♎07'51	1.73197 AU
	-9615 Dec 23 j 06:38	0°♏	
evening rise	-9614 Jan 11 j 06:44	23°♏19'39	
	-9614 Jan 16 j 17:18	0°♐	
greatest brilliancy	-9614 Feb 05 j 04:47	23°♐51'58	-3.9m
	-9614 Feb 10 j 05:09	0°♑	
asc. node	-9614 Mar 06 j 13:18	29°♑40'49	
	-9614 Mar 06 j 19:37	0°♒	
	-9614 Mar 31 j 14:38	0°♓	
	-9614 Apr 25 j 16:14	0°♈	
	-9614 May 21 j 04:10	0°♉	
	-9614 Jun 16 j 12:31	0°♊	
desc. node	-9614 Jun 27 j 13:16	12°♊01'19	
evening max el	-9614 Jul 09 j 01:52	24°♊00'42	47°44'46
	-9614 Jul 15 j 03:26	0°♋	
greatest brilliancy	-9614 Aug 19 j 18:07	25°♋54'40	-4.9m
retrograde	-9614 Aug 29 j 03:32	27°♋37'25	
evening set	-9614 Sep 14 j 12:28	22°♋16'31	
inferior conj	-9614 Sep 18 j 21:01	19°♋36'10	-6°23'45
minimum elong	-9614 Sep 19 j 07:08	19°♋20'21	6°20'58
min. Earth dist.	-9614 Sep 18 j 10:58	19°♋51'52	0.26891 AU
morning rise	-9614 Sep 24 j 02:08	16°♋27'20	
direct	-9614 Oct 09 j 02:45	11°♋52'22	
asc. node	-9614 Oct 17 j 11:49	13°♋14'30	
greatest brilliancy	-9614 Oct 18 j 18:25	13°♋40'08	-4.9m
	-9614 Nov 12 j 21:53	0°♌	
morning max el	-9614 Nov 27 j 20:35	13°♌52'28	46°14'36
	-9614 Dec 13 j 13:47	0°♍	
	-9613 Jan 09 j 23:01	0°♎	
	-9613 Feb 05 j 05:43	0°♏	
desc. node	-9613 Feb 07 j 10:30	2°♏32'57	
	-9613 Mar 02 j 20:23	0°♐	
	-9613 Mar 27 j 21:57	0°♑	
	-9613 Apr 21 j 12:19	0°♒	
	-9613 May 15 j 17:42	0°♓	
morning set	-9613 May 23 j 10:36	9°♓37'05	
asc. node	-9613 May 30 j 01:36	17°♓54'48	
	-9613 Jun 08 j 16:33	0°♈	
max. Earth dist.	-9613 Jun 28 j 13:11	25°♈02'06	1.70971 AU
superior conj	-9613 Jun 30 j 01:48	26°♈57'43	1°03'44
minimum elong	-9613 Jun 29 j 16:08	26°♈27'11	1°03'38
	-9613 Jul 02 j 11:32	0°♉	
	-9613 Jul 26 j 05:26	0°♊	
evening rise	-9613 Aug 09 j 02:28	17°♊29'56	
	-9613 Aug 19 j 01:00	0°♋	
	-9613 Sep 12 j 00:22	0°♌	
desc. node	-9613 Sep 19 j 20:46	9°♌46'06	
	-9613 Oct 06 j 04:48	0°♍	
	-9613 Oct 30 j 15:13	0°♎	
	-9613 Nov 24 j 09:58	0°♏	
	-9613 Dec 19 j 19:25	0°♐	
asc. node	-9612 Jan 09 j 17:01	23°♐43'26	
	-9612 Jan 15 j 10:27	0°♑	
evening max el	-9612 Feb 10 j 07:49	26°♑30'11	44°56'41
	-9612 Feb 14 j 02:03	0°♒	
greatest brilliancy	-9612 Mar 19 j 03:39	23°♒22'06	-4.7m
retrograde	-9612 Mar 29 j 07:56	25°♒10'52	
evening set	-9612 Apr 13 j 12:42	20°♒52'34	
inferior conj	-9612 Apr 19 j 11:57	17°♒25'15	2°49'08
minimum elong	-9612 Apr 19 j 17:52	17°♒16'19	2°47'04
min. Earth dist.	-9612 Apr 20 j 14:30	16°♒45'10	0.28014 AU
morning rise	-9612 Apr 25 j 22:05	13°♒41'29	
desc. node	-9612 May 01 j 18:45	11°♒02'42	
direct	-9612 May 11 j 02:07	9°♒21'22	
greatest brilliancy	-9612 May 22 j 16:40	11°♒47'09	-4.8m
	-9612 Jun 18 j 07:00	0°♓	
morning max el	-9612 Jun 30 j 07:43	11°♓27'01	46°37'18
	-9612 Jul 17 j 20:37	0°♈	
	-9612 Aug 12 j 22:20	0°♉	
asc. node	-9612 Aug 21 j 15:11	10°♉24'18	
	-9612 Sep 06 j 18:29	0°♊	
	-9612 Oct 01 j 03:38	0°♋	
	-9612 Oct 25 j 11:11	0°♌	
	-9612 Nov 18 j 21:19	0°♍	
desc. node	-9612 Dec 12 j 10:07	28°♍46'03	
	-9612 Dec 13 j 10:21	0°♎	
morning set	-9611 Jan 05 j 13:40	28°♎14'12	
	-9611 Jan 07 j 00:21	0°♏	
	-9611 Jan 31 j 13:05	0°♐	
max. Earth dist.	-9611 Feb 09 j 02:27	10°♐29'27	1.73775 AU
superior conj	-9611 Feb 11 j 13:04	13°♐29'16	-1°20'22
minimum elong	-9611 Feb 11 j 15:11	13°♐35'48	1°20'54
	-9611 Feb 24 j 23:30	0°♑	
evening rise	-9611 Mar 18 j 21:56	27°♑01'07	
	-9611 Mar 21 j 07:56	0°♒	
asc. node	-9611 Apr 03 j 01:31	15°♒42'37	
	-9611 Apr 14 j 15:25	0°♓	
	-9611 May 08 j 22:59	0°♈	
	-9611 Jun 02 j 07:56	0°♉	
	-9611 Jun 26 j 20:28	0°♊	
	-9611 Jul 21 j 16:39	0°♋	
desc. node	-9611 Jul 24 j 23:49	3°♋56'22	
	-9611 Aug 16 j 04:25	0°♌	
	-9611 Sep 12 j 03:56	0°♍	
evening max el	-9611 Sep 18 j 09:22	6°♍28'28	47°11'03
	-9611 Oct 14 j 14:39	0°♎	
greatest brilliancy	-9611 Oct 28 j 07:39	7°♎54'26	-4.8m
retrograde	-9611 Nov 08 j 06:02	10°♎11'12	
asc. node	-9611 Nov 13 j 22:26	9°♎30'28	
evening set	-9611 Nov 23 j 07:03	5°♎34'00	
min. Earth dist.	-9611 Nov 28 j 13:58	2°♎17'12	0.28507 AU
inferior conj	-9611 Nov 29 j 08:43	1°♎46'51	3°31'14
minimum elong	-9611 Nov 29 j 02:05	1°♎57'36	3°29'32
	-9611 Dec 02 j 03:29	30°℞♍	
morning rise	-9611 Dec 04 j 21:59	28°♍19'29	
direct	-9611 Dec 20 j 12:32	23°♍31'26	
greatest brilliancy	-9611 Dec 29 j 08:05	24°♍57'58	-4.7m
	-9610 Jan 09 j 04:39	0°♎	
morning max el	-9610 Feb 07 j 04:43	23°♎14'02	45°56'20
	-9610 Feb 14 j 04:19	0°♏	
desc. node	-9610 Mar 06 j 22:48	21°♏32'47	
	-9610 Mar 14 j 16:56	0°♐	
	-9610 Apr 10 j 04:09	0°♑	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9610 May 05 j 12:36	0°♒	
	-9610 May 30 j 03:28	0°♓	
	-9610 Jun 23 j 06:26	0°♈	
asc. node	-9610 Jun 26 j 15:15	4°♈13'21	
greatest brilliancy	-9610 Jul 07 j 11:57	17°♈53'21	-3.9m
	-9610 Jul 17 j 02:11	0°♉	
morning set	-9610 Aug 04 j 06:10	22°♉59'23	
	-9610 Aug 09 j 19:01	0°♊	
	-9610 Sep 02 j 12:45	0°♋	
superior conj	-9610 Sep 14 j 21:22	15°♋33'08	1°04'48
minimum elong	-9610 Sep 15 j 09:03	16°♋09'49	1°05'02
max. Earth dist.	-9610 Sep 21 j 21:58	24°♋21'51	1.71295 AU
	-9610 Sep 26 j 10:00	0°♌	
desc. node	-9610 Oct 17 j 09:22	26°♌08'53	
	-9610 Oct 20 j 11:50	0°♍	
evening rise	-9610 Oct 28 j 02:46	9°♍26'57	
	-9610 Nov 13 j 17:58	0°♎	
	-9610 Dec 08 j 03:56	0°♏	
	-9609 Jan 01 j 18:37	0°♐	
	-9609 Jan 26 j 17:00	0°♑	
asc. node	-9609 Feb 06 j 03:54	12°♑24'37	
	-9609 Feb 21 j 04:25	0°♒	
	-9609 Mar 19 j 13:42	0°♓	
	-9609 Apr 16 j 18:05	0°♈	
evening max el	-9609 Apr 24 j 00:11	7°♈09'12	46°10'24
	-9609 May 21 j 11:07	0°♉	
desc. node	-9609 May 30 j 05:22	4°♉51'02	
greatest brilliancy	-9609 Jun 03 j 04:18	6°♉24'50	-4.8m
retrograde	-9609 Jun 12 j 18:14	8°♉05'45	
evening set	-9609 Jun 28 j 17:23	3°♉18'37	
inferior conj	-9609 Jul 03 j 13:30	0°♉30'08	-7°16'07
minimum elong	-9609 Jul 03 j 03:30	0°♉45'04	7°14'07
min. Earth dist.	-9609 Jul 03 j 07:09	0°♉39'37	0.26600 AU
	-9609 Jul 04 j 09:43	30°℞♈	
morning rise	-9609 Jul 07 j 13:27	28°♈09'25	
direct	-9609 Jul 24 j 00:18	22°♈58'13	
greatest brilliancy	-9609 Aug 03 j 15:24	25°♈05'00	-4.9m
	-9609 Aug 13 j 05:03	0°♉	
morning max el	-9609 Sep 12 j 15:22	26°♉18'30	46°41'41
	-9609 Sep 16 j 05:00	0°♊	
asc. node	-9609 Sep 19 j 03:00	3°♊04'31	
	-9609 Oct 13 j 08:25	0°♋	
	-9609 Nov 08 j 00:47	0°♌	
	-9609 Dec 03 j 06:59	0°♍	
	-9609 Dec 28 j 10:06	0°♎	
desc. node	-9608 Jan 09 j 23:37	15°♎02'28	
	-9608 Jan 22 j 10:32	0°♏	
	-9608 Feb 16 j 06:31	0°♐	
	-9608 Mar 11 j 20:44	0°♑	
morning set	-9608 Mar 14 j 08:48	3°♑04'14	
	-9608 Apr 05 j 05:11	0°♒	
max. Earth dist.	-9608 Apr 14 j 04:14	11°♒06'14	1.72732 AU
superior conj	-9608 Apr 18 j 13:23	16°♒32'43	-0°27'27
minimum elong	-9608 Apr 18 j 18:26	16°♒48'23	0°27'40
	-9608 Apr 29 j 08:55	0°♓	
asc. node	-9608 Apr 30 j 14:25	1°♓31'52	
	-9608 May 23 j 09:27	0°♈	
evening rise	-9608 May 24 j 11:44	1°♈22'13	
	-9608 Jun 16 j 08:27	0°♉	
	-9608 Jul 10 j 07:56	0°♊	
	-9608 Aug 03 j 10:11	0°♋	
desc. node	-9608 Aug 21 j 11:00	22°♋17'04	
	-9608 Aug 27 j 17:47	0°♌	
	-9608 Sep 21 j 10:02	0°♍	
	-9608 Oct 16 j 17:17	0°♎	
	-9608 Nov 12 j 08:27	0°♏	
evening max el	-9608 Nov 27 j 18:45	15°♏59'27	45°30'27
asc. node	-9608 Dec 11 j 08:56	28°♏35'10	
	-9608 Dec 13 j 01:01	0°♐	
greatest brilliancy	-9607 Jan 04 j 13:58	14°♐26'39	-4.7m
retrograde	-9607 Jan 15 j 15:46	16°♐41'02	
evening set	-9607 Feb 02 j 06:17	10°♐46'13	
inferior conj	-9607 Feb 06 j 02:49	8°♐22'04	8°04'28
minimum elong	-9607 Feb 06 j 02:52	8°♐22'00	8°03'59
min. Earth dist.	-9607 Feb 06 j 13:54	8°♐04'30	0.29616 AU
morning rise	-9607 Feb 09 j 23:23	5°♐57'20	
	-9607 Feb 24 j 23:42	30°℞♏	
direct	-9607 Feb 28 j 01:34	29°♏48'51	
	-9607 Mar 03 j 04:45	0°♐	
greatest brilliancy	-9607 Mar 10 j 06:32	1°♐40'35	-4.7m
desc. node	-9607 Apr 03 j 10:08	16°♐36'12	
	-9607 Apr 18 j 08:48	0°♑	
morning max el	-9607 Apr 18 j 07:18	29°♐56'23	46°08'35
	-9607 May 17 j 01:15	0°♒	
	-9607 Jun 12 j 03:00	0°♓	
	-9607 Jul 06 j 23:41	0°♈	
asc. node	-9607 Jul 24 j 04:31	21°♈15'28	
	-9607 Jul 31 j 04:43	0°♉	
	-9607 Aug 24 j 02:16	0°♊	
	-9607 Sep 16 j 22:24	0°♋	
	-9607 Oct 10 j 21:17	0°♌	
morning set	-9607 Oct 21 j 01:18	12°♌39'46	
	-9607 Nov 04 j 00:38	0°♍	
desc. node	-9607 Nov 13 j 22:40	12°♍15'38	
	-9607 Nov 28 j 07:58	0°♎	
superior conj	-9607 Dec 01 j 13:50	3°♎59'37	-0°38'19
minimum elong	-9607 Dec 01 j 05:36	3°♎34'19	0°37'56
max. Earth dist.	-9607 Dec 04 j 01:20	7°♎02'41	1.73154 AU
	-9607 Dec 22 j 17:36	0°♏	
evening rise	-9606 Jan 09 j 00:06	21°♏12'05	
	-9606 Jan 16 j 04:17	0°♐	
greatest brilliancy	-9606 Feb 06 j 07:21	25°♐52'43	-3.9m
	-9606 Feb 09 j 16:16	0°♑	
asc. node	-9606 Mar 05 j 15:25	29°♑12'24	
	-9606 Mar 06 j 07:05	0°♒	
	-9606 Mar 31 j 02:43	0°♓	
	-9606 Apr 25 j 05:19	0°♈	
	-9606 May 20 j 18:52	0°♉	
	-9606 Jun 16 j 06:20	0°♊	
desc. node	-9606 Jun 26 j 15:32	11°♊14'03	
evening max el	-9606 Jul 06 j 17:07	21°♊39'31	47°43'21
	-9606 Jul 15 j 06:10	0°♋	
greatest brilliancy	-9606 Aug 17 j 07:40	23°♋26'55	-4.9m
retrograde	-9606 Aug 26 j 17:36	25°♋09'38	
evening set	-9606 Sep 12 j 04:59	19°♋44'40	
inferior conj	-9606 Sep 16 j 10:17	17°♋09'13	-6°39'47
minimum elong	-9606 Sep 16 j 20:24	16°♋53'26	6°37'06
min. Earth dist.	-9606 Sep 15 j 23:58	17°♋25'19	0.26858 AU
morning rise	-9606 Sep 21 j 12:12	14°♋05'27	
direct	-9606 Oct 06 j 16:18	9°♋26'38	
greatest brilliancy	-9606 Oct 16 j 07:15	11°♋14'11	-4.9m
asc. node	-9606 Oct 16 j 14:00	11°♋20'16	
	-9606 Nov 13 j 04:51	0°♌	
morning max el	-9606 Nov 25 j 11:27	11°♌34'13	46°15'33
	-9606 Dec 13 j 07:57	0°♍	
	-9605 Jan 09 j 13:33	0°♎	
	-9605 Feb 04 j 18:34	0°♏	
desc. node	-9605 Feb 06 j 12:34	2°♏01'54	
	-9605 Mar 02 j 08:18	0°♐	
	-9605 Mar 27 j 09:20	0°♑	
	-9605 Apr 20 j 23:25	0°♒	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9605 May 15 j 04:41	0°♓	
morning set	-9605 May 21 j 03:40	7°♓26'13	
asc. node	-9605 May 29 j 03:52	17°♓27'36	
	-9605 Jun 08 j 03:31	0°♈	
max. Earth dist.	-9605 Jun 25 j 18:33	22°♈12'49	1.71012 AU
superior conj	-9605 Jun 27 j 15:43	24°♈35'21	1°01'24
minimum elong	-9605 Jun 27 j 06:03	24°♈04'51	1°01'16
	-9605 Jul 01 j 22:34	0°♉	
	-9605 Jul 25 j 16:34	0°♊	
evening rise	-9605 Aug 06 j 11:40	14°♊52'23	
	-9605 Aug 18 j 12:16	0°♋	
	-9605 Sep 11 j 11:46	0°♌	
desc. node	-9605 Sep 18 j 22:51	9°♌17'04	
	-9605 Oct 05 j 16:21	0°♍	
	-9605 Oct 30 j 03:00	0°♎	
	-9605 Nov 23 j 22:16	0°♏	
	-9605 Dec 19 j 08:52	0°♐	
asc. node	-9604 Jan 08 j 19:12	23°♐07'01	
	-9604 Jan 15 j 02:40	0°♑	
evening max el	-9604 Feb 07 j 22:33	24°♑17'18	44°55'43
	-9604 Feb 14 j 03:29	0°♒	
greatest brilliancy	-9604 Mar 16 j 18:15	21°♒09'18	-4.7m
retrograde	-9604 Mar 26 j 21:28	22°♒57'24	
evening set	-9604 Apr 11 j 05:11	18°♒36'04	
inferior conj	-9604 Apr 17 j 02:31	15°♒11'03	3°08'09
minimum elong	-9604 Apr 17 j 08:59	15°♒01'15	3°05'58
min. Earth dist.	-9604 Apr 18 j 06:02	14°♒29'23	0.28087 AU
morning rise	-9604 Apr 23 j 11:46	11°♒27'38	
desc. node	-9604 Apr 30 j 21:05	8°♒17'34	
direct	-9604 May 08 j 17:06	7°♒05'41	
greatest brilliancy	-9604 May 20 j 07:55	9°♒30'54	-4.8m
	-9604 Jun 18 j 11:00	0°♓	
morning max el	-9604 Jun 27 j 21:14	9°♓04'20	46°36'31
	-9604 Jul 17 j 14:10	0°♈	
	-9604 Aug 12 j 12:49	0°♉	
asc. node	-9604 Aug 20 j 17:19	9°♉48'46	
	-9604 Sep 06 j 07:34	0°♊	
	-9604 Sep 30 j 15:58	0°♋	
	-9604 Oct 24 j 23:02	0°♌	
	-9604 Nov 18 j 08:47	0°♍	
desc. node	-9604 Dec 11 j 12:17	28°♍18'39	
	-9604 Dec 12 j 21:29	0°♎	
morning set	-9603 Jan 03 j 05:34	26°♎02'54	
	-9603 Jan 06 j 11:14	0°♏	
	-9603 Jan 30 j 23:50	0°♐	
max. Earth dist.	-9603 Feb 06 j 22:52	8°♐31'58	1.73783 AU
superior conj	-9603 Feb 09 j 08:06	11°♐27'31	-1°20'43
minimum elong	-9603 Feb 09 j 09:40	11°♐32'18	1°21'14
	-9603 Feb 24 j 10:14	0°♑	
evening rise	-9603 Mar 16 j 17:43	25°♑00'42	
	-9603 Mar 20 j 18:48	0°♒	
asc. node	-9603 Apr 02 j 03:41	15°♒15'29	
	-9603 Apr 14 j 02:31	0°♓	
	-9603 May 08 j 10:28	0°♈	
	-9603 Jun 01 j 19:55	0°♉	
	-9603 Jun 26 j 09:08	0°♊	
	-9603 Jul 21 j 06:21	0°♋	
desc. node	-9603 Jul 24 j 01:57	3°♋21'23	
	-9603 Aug 15 j 19:59	0°♌	
	-9603 Sep 12 j 00:00	0°♍	
evening max el	-9603 Sep 16 j 00:00	4°♍08'06	47°14'08
	-9603 Oct 15 j 12:41	0°♎	
greatest brilliancy	-9603 Oct 26 j 02:14	5°♎42'21	-4.9m
retrograde	-9603 Nov 05 j 22:23	7°♎57'28	
asc. node	-9603 Nov 13 j 00:49	6°♎53'50	
evening set	-9603 Nov 20 j 22:40	3°♎21'58	
	-9603 Nov 26 j 09:02	30°℞♍	
min. Earth dist.	-9603 Nov 26 j 06:40	0°♎03'48	0.28438 AU
inferior conj	-9603 Nov 27 j 01:13	29°♍33'47	3°13'32
minimum elong	-9603 Nov 26 j 19:02	29°♍43'49	3°11'56
morning rise	-9603 Dec 02 j 16:14	26°♍03'46	
direct	-9603 Dec 18 j 03:33	21°♍19'24	
greatest brilliancy	-9603 Dec 27 j 00:16	22°♍46'37	-4.7m
	-9602 Jan 10 j 08:07	0°♎	
morning max el	-9602 Feb 04 j 19:29	21°♎01'48	45°56'35
	-9602 Feb 14 j 00:08	0°♏	
desc. node	-9602 Mar 06 j 00:54	20°♏55'47	
	-9602 Mar 14 j 07:47	0°♐	
	-9602 Apr 09 j 17:05	0°♑	
	-9602 May 05 j 00:37	0°♒	
	-9602 May 29 j 15:01	0°♓	
	-9602 Jun 22 j 17:46	0°♈	
asc. node	-9602 Jun 25 j 17:21	3°♈44'27	
greatest brilliancy	-9602 Jul 07 j 13:59	18°♈39'56	-3.9m
	-9602 Jul 16 j 13:24	0°♉	
morning set	-9602 Aug 01 j 16:55	20°♉25'59	
	-9602 Aug 09 j 06:13	0°♊	
	-9602 Sep 01 j 23:55	0°♋	
superior conj	-9602 Sep 12 j 05:39	12°♋53'23	1°07'15
minimum elong	-9602 Sep 12 j 17:03	13°♋29'13	1°07'30
max. Earth dist.	-9602 Sep 19 j 00:56	21°♋25'49	1.71235 AU
	-9602 Sep 25 j 21:10	0°♌	
desc. node	-9602 Oct 16 j 11:36	25°♌41'11	
	-9602 Oct 19 j 22:59	0°♍	
evening rise	-9602 Oct 25 j 12:21	6°♍53'23	
	-9602 Nov 13 j 05:08	0°♎	
	-9602 Dec 07 j 15:14	0°♏	
	-9601 Jan 01 j 06:11	0°♐	
	-9601 Jan 26 j 05:08	0°♑	
asc. node	-9601 Feb 05 j 06:05	11°♑54'08	
	-9601 Feb 20 j 17:43	0°♒	
	-9601 Mar 19 j 05:23	0°♓	
	-9601 Apr 16 j 15:46	0°♈	
evening max el	-9601 Apr 21 j 12:41	4°♈45'46	46°06'40
	-9601 May 23 j 00:29	0°♉	
desc. node	-9601 May 29 j 07:34	3°♉03'47	
greatest brilliancy	-9601 May 31 j 14:45	3°♉55'10	-4.8m
retrograde	-9601 Jun 10 j 06:01	5°♉37'13	
evening set	-9601 Jun 26 j 00:55	0°♉55'25	
	-9601 Jun 27 j 16:35	30°℞♈	
inferior conj	-9601 Jul 01 j 01:13	28°♈01'41	-7°01'30
minimum elong	-9601 Jun 30 j 14:56	28°♈16'58	6°59'21
min. Earth dist.	-9601 Jun 30 j 19:32	28°♈10'07	0.26620 AU
morning rise	-9601 Jul 05 j 04:45	25°♈36'17	
direct	-9601 Jul 21 j 12:43	20°♈29'05	
greatest brilliancy	-9601 Aug 01 j 05:11	22°♈37'25	-4.9m
	-9601 Aug 14 j 10:35	0°♉	
morning max el	-9601 Sep 10 j 04:46	23°♉51'03	46°42'20
	-9601 Sep 16 j 02:25	0°♊	
asc. node	-9601 Sep 18 j 05:14	2°♊15'23	
	-9601 Oct 13 j 00:29	0°♋	
	-9601 Nov 07 j 14:41	0°♌	
	-9601 Dec 02 j 19:41	0°♍	
	-9601 Dec 27 j 22:03	0°♎	
desc. node	-9600 Jan 09 j 01:37	14°♎33'24	
	-9600 Jan 21 j 21:59	0°♏	
	-9600 Feb 15 j 17:38	0°♐	
	-9600 Mar 11 j 07:39	0°♑	
morning set	-9600 Mar 12 j 04:14	1°♑03'08	
	-9600 Apr 04 j 16:01	0°♒	
max. Earth dist.	-9600 Apr 12 j 01:49	9°♒10'38	1.72786 AU

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

superior conj	-9600 Apr 16 j 08:33	14°♒29'26	-0°30'15
minimum elong	-9600 Apr 16 j 14:01	14°♒46'25	0°30'27
	-9600 Apr 28 j 19:49	0°♓	
asc. node	-9600 Apr 29 j 16:45	1°♓05'11	
evening rise	-9600 May 22 j 05:21	29°♓12'35	
	-9600 May 22 j 20:31	0°♈	
	-9600 Jun 15 j 19:47	0°♉	
	-9600 Jul 09 j 19:33	0°♊	
	-9600 Aug 02 j 22:08	0°♋	
desc. node	-9600 Aug 20 j 13:07	21°♋45'52	
	-9600 Aug 27 j 06:10	0°♌	
	-9600 Sep 20 j 23:07	0°♍	
	-9600 Oct 16 j 07:41	0°♎	
	-9600 Nov 12 j 02:05	0°♏	
evening max el	-9600 Nov 25 j 11:25	13°♏49'10	45°33'27
asc. node	-9600 Dec 10 j 11:06	27°♏37'04	
	-9600 Dec 13 j 08:38	0°♐	
greatest brilliancy	-9599 Jan 02 j 06:17	12°♐19'37	-4.7m
retrograde	-9599 Jan 13 j 09:41	14°♐35'15	
evening set	-9599 Jan 30 j 23:03	8°♐40'44	
inferior conj	-9599 Feb 03 j 20:09	6°♐15'22	8°04'26
minimum elong	-9599 Feb 03 j 19:33	6°♐16'20	8°03'56
min. Earth dist.	-9599 Feb 04 j 05:25	6°♐00'39	0.29623 AU
morning rise	-9599 Feb 07 j 16:01	3°♐51'34	
	-9599 Feb 15 j 00:11	30°℞♏	
direct	-9599 Feb 25 j 19:10	27°♏42'08	
greatest brilliancy	-9599 Mar 07 j 21:05	29°♏31'38	-4.7m
	-9599 Mar 09 j 04:13	0°♐	
desc. node	-9599 Apr 02 j 12:24	15°♐37'38	
morning max el	-9599 Apr 16 j 00:31	27°♐49'07	46°07'45
	-9599 Apr 18 j 06:34	0°♑	
	-9599 May 16 j 16:53	0°♒	
	-9599 Jun 11 j 16:30	0°♓	
	-9599 Jul 06 j 12:13	0°♈	
asc. node	-9599 Jul 23 j 06:40	20°♈44'23	
	-9599 Jul 30 j 16:44	0°♉	
	-9599 Aug 23 j 14:00	0°♊	
	-9599 Sep 16 j 09:58	0°♋	
	-9599 Oct 10 j 08:42	0°♌	
morning set	-9599 Oct 18 j 11:30	10°♌06'53	
	-9599 Nov 03 j 11:56	0°♍	
desc. node	-9599 Nov 13 j 00:50	11°♍47'41	
	-9599 Nov 27 j 19:08	0°♎	
superior conj	-9599 Nov 29 j 02:37	1°♎36'55	-0°35'11
minimum elong	-9599 Nov 28 j 18:50	1°♎12'59	0°34'48
max. Earth dist.	-9599 Dec 01 j 21:05	5°♎01'31	1.73103 AU
	-9599 Dec 22 j 04:40	0°♏	
evening rise	-9598 Jan 06 j 17:12	19°♏03'24	
	-9598 Jan 15 j 15:22	0°♐	
	-9598 Feb 09 j 03:32	0°♑	
greatest brilliancy	-9598 Feb 11 j 01:12	2°♑19'25	-3.9m
asc. node	-9598 Mar 04 j 17:39	28°♑43'54	
	-9598 Mar 05 j 18:44	0°♒	
	-9598 Mar 30 j 15:00	0°♓	
	-9598 Apr 24 j 18:37	0°♈	
	-9598 May 20 j 09:49	0°♉	
	-9598 Jun 16 j 00:36	0°♊	
desc. node	-9598 Jun 25 j 17:39	10°♊25'26	
evening max el	-9598 Jul 04 j 08:10	19°♊17'37	47°41'38
	-9598 Jul 15 j 10:36	0°♋	
greatest brilliancy	-9598 Aug 14 j 21:22	20°♋58'48	-4.9m
retrograde	-9598 Aug 24 j 07:14	22°♋40'46	
evening set	-9598 Sep 09 j 21:26	17°♋12'00	
inferior conj	-9598 Sep 13 j 23:26	14°♋41'21	-6°55'13
minimum elong	-9598 Sep 14 j 09:29	14°♋25'41	6°52'37
min. Earth dist.	-9598 Sep 13 j 13:04	14°♋57'32	0.26829 AU
morning rise	-9598 Sep 18 j 21:55	11°♋42'38	
direct	-9598 Oct 04 j 05:39	6°♋59'57	
greatest brilliancy	-9598 Oct 13 j 20:20	8°♋47'16	-4.9m
asc. node	-9598 Oct 15 j 16:23	9°♋29'43	
	-9598 Nov 13 j 10:09	0°♌	
morning max el	-9598 Nov 23 j 01:27	9°♌12'39	46°16'28
	-9598 Dec 13 j 02:03	0°♍	
	-9597 Jan 09 j 04:12	0°♎	
	-9597 Feb 04 j 07:34	0°♏	
desc. node	-9597 Feb 05 j 14:45	1°♏30'41	
	-9597 Mar 01 j 20:23	0°♐	
	-9597 Mar 26 j 20:53	0°♑	
	-9597 Apr 20 j 10:43	0°♒	
	-9597 May 14 j 15:52	0°♓	
morning set	-9597 May 18 j 21:03	5°♓15'38	
asc. node	-9597 May 28 j 05:57	16°♓59'09	
	-9597 Jun 07 j 14:43	0°♈	
max. Earth dist.	-9597 Jun 23 j 00:26	19°♈24'38	1.71055 AU
superior conj	-9597 Jun 25 j 06:12	22°♈14'14	0°59'00
minimum elong	-9597 Jun 24 j 20:36	21°♈43'56	0°58'49
	-9597 Jul 01 j 09:48	0°♉	
	-9597 Jul 25 j 03:54	0°♊	
evening rise	-9597 Aug 03 j 21:33	12°♊16'29	
	-9597 Aug 17 j 23:43	0°♋	
	-9597 Sep 10 j 23:23	0°♌	
desc. node	-9597 Sep 18 j 01:07	8°♌47'54	
	-9597 Oct 05 j 04:09	0°♍	
	-9597 Oct 29 j 15:06	0°♎	
	-9597 Nov 23 j 10:56	0°♏	
	-9597 Dec 18 j 22:46	0°♐	
asc. node	-9596 Jan 07 j 21:26	22°♐29'28	
	-9596 Jan 14 j 19:32	0°♑	
evening max el	-9596 Feb 05 j 12:35	22°♑02'01	44°55'04
	-9596 Feb 14 j 06:45	0°♒	
greatest brilliancy	-9596 Mar 14 j 08:45	18°♒56'01	-4.7m
retrograde	-9596 Mar 24 j 11:12	20°♒44'03	
evening set	-9596 Apr 08 j 21:55	16°♒19'09	
inferior conj	-9596 Apr 14 j 17:18	12°♒56'41	3°26'40
minimum elong	-9596 Apr 15 j 00:16	12°♒46'08	3°24'23
min. Earth dist.	-9596 Apr 15 j 21:53	12°♒13'21	0.28162 AU
morning rise	-9596 Apr 21 j 01:30	9°♒14'02	
desc. node	-9596 Apr 29 j 23:20	5°♒37'07	
direct	-9596 May 06 j 08:04	4°♒49'36	
greatest brilliancy	-9596 May 17 j 23:56	7°♒15'12	-4.8m
	-9596 Jun 18 j 13:45	0°♓	
morning max el	-9596 Jun 25 j 11:14	6°♓42'08	46°35'51
	-9596 Jul 17 j 07:38	0°♈	
	-9596 Aug 12 j 03:23	0°♉	
asc. node	-9596 Aug 19 j 19:32	9°♉13'01	
	-9596 Sep 05 j 20:48	0°♊	
	-9596 Sep 30 j 04:29	0°♋	
	-9596 Oct 24 j 11:05	0°♌	
	-9596 Nov 17 j 20:29	0°♍	
desc. node	-9596 Dec 10 j 14:16	27°♍49'47	
	-9596 Dec 12 j 08:55	0°♎	
morning set	-9596 Dec 31 j 21:07	23°♎49'32	
	-9595 Jan 05 j 22:27	0°♏	
	-9595 Jan 30 j 10:55	0°♐	
max. Earth dist.	-9595 Feb 04 j 18:25	6°♐30'47	1.73790 AU
superior conj	-9595 Feb 07 j 02:56	9°♐24'06	-1°20'58
minimum elong	-9595 Feb 07 j 03:53	9°♐27'01	1°21'28
	-9595 Feb 23 j 21:18	0°♑	
evening rise	-9595 Mar 14 j 13:23	22°♑59'09	
	-9595 Mar 20 j 05:58	0°♒	
asc. node	-9595 Apr 01 j 05:58	14°♒47'47	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9595 Apr 13 j 13:56	0°♓	
	-9595 May 07 j 22:16	0°♈	
	-9595 Jun 01 j 08:16	0°♉	
	-9595 Jun 25 j 22:13	0°♊	
	-9595 Jul 20 j 20:30	0°♋	
desc. node	-9595 Jul 23 j 04:12	2°♋45'38	
	-9595 Aug 15 j 12:03	0°♌	
	-9595 Sep 11 j 20:56	0°♍	
evening max el	-9595 Sep 13 j 14:40	1°♍47'10	47°17'16
	-9595 Oct 16 j 19:37	0°♎	
greatest brilliancy	-9595 Oct 23 j 20:26	3°♎29'12	-4.9m
retrograde	-9595 Nov 03 j 15:04	5°♎43'26	
asc. node	-9595 Nov 12 j 02:58	4°♎12'10	
evening set	-9595 Nov 18 j 14:30	1°♎09'01	
	-9595 Nov 20 j 13:09	30°℞♍	
min. Earth dist.	-9595 Nov 23 j 23:24	27°♍49'59	0.28372 AU
inferior conj	-9595 Nov 24 j 17:50	27°♍20'12	2°55'27
minimum elong	-9595 Nov 24 j 12:08	27°♍29'25	2°53'58
morning rise	-9595 Nov 30 j 10:32	23°♍47'50	
direct	-9595 Dec 15 j 18:38	19°♍06'39	
greatest brilliancy	-9595 Dec 24 j 16:39	20°♍34'52	-4.8m
	-9594 Jan 11 j 04:35	0°♎	
morning max el	-9594 Feb 02 j 11:20	18°♎51'12	45°56'46
	-9594 Feb 13 j 19:45	0°♏	
desc. node	-9594 Mar 05 j 03:09	20°♏18'30	
	-9594 Mar 13 j 22:49	0°♐	
	-9594 Apr 09 j 06:16	0°♑	
	-9594 May 04 j 12:54	0°♒	
	-9594 May 29 j 02:49	0°♓	
	-9594 Jun 22 j 05:19	0°♈	
asc. node	-9594 Jun 24 j 19:27	3°♈14'46	
greatest brilliancy	-9594 Jul 07 j 09:11	19°♈04'09	-3.9m
	-9594 Jul 16 j 00:53	0°♉	
morning set	-9594 Jul 30 j 03:55	17°♉52'30	
	-9594 Aug 08 j 17:41	0°♊	
	-9594 Sep 01 j 11:23	0°♋	
superior conj	-9594 Sep 09 j 14:07	10°♋13'08	1°09'32
minimum elong	-9594 Sep 10 j 01:08	10°♋47'46	1°09'49
max. Earth dist.	-9594 Sep 16 j 02:56	18°♋25'43	1.71176 AU
	-9594 Sep 25 j 08:35	0°♌	
desc. node	-9594 Oct 15 j 13:45	25°♌12'26	
	-9594 Oct 19 j 10:22	0°♍	
evening rise	-9594 Oct 22 j 22:01	4°♍19'20	
	-9594 Nov 12 j 16:32	0°♎	
	-9594 Dec 07 j 02:45	0°♏	
	-9594 Dec 31 j 17:59	0°♐	
	-9593 Jan 25 j 17:35	0°♑	
asc. node	-9593 Feb 04 j 08:22	11°♑22'59	
	-9593 Feb 20 j 07:24	0°♒	
	-9593 Mar 18 j 21:38	0°♓	
	-9593 Apr 16 j 14:36	0°♈	
evening max el	-9593 Apr 19 j 02:19	2°♈24'36	46°03'05
	-9593 May 25 j 09:58	0°♉	
desc. node	-9593 May 28 j 09:40	1°♉11'49	
greatest brilliancy	-9593 May 29 j 00:55	1°♉25'07	-4.8m
retrograde	-9593 Jun 07 j 18:19	3°♉08'29	
	-9593 Jun 20 j 11:33	30°℞♈	
evening set	-9593 Jun 23 j 08:49	28°♈31'54	
inferior conj	-9593 Jun 28 j 13:01	25°♈33'00	-6°46'05
minimum elong	-9593 Jun 28 j 02:34	25°♈48'30	6°43'48
min. Earth dist.	-9593 Jun 28 j 07:48	25°♈40'44	0.26640 AU
morning rise	-9593 Jul 02 j 20:10	23°♈02'53	
direct	-9593 Jul 19 j 01:44	17°♈59'56	
greatest brilliancy	-9593 Jul 29 j 18:32	20°♈08'58	-4.9m
	-9593 Aug 15 j 08:22	0°♉	
morning max el	-9593 Sep 07 j 18:51	21°♉24'46	46°42'49
	-9593 Sep 15 j 23:20	0°♊	
asc. node	-9593 Sep 17 j 07:32	1°♊26'35	
	-9593 Oct 12 j 16:33	0°♋	
	-9593 Nov 07 j 04:40	0°♌	
	-9593 Dec 02 j 08:30	0°♍	
	-9593 Dec 27 j 10:08	0°♎	
desc. node	-9592 Jan 08 j 03:49	14°♎04'34	
	-9592 Jan 21 j 09:34	0°♏	
	-9592 Feb 15 j 04:54	0°♐	
morning set	-9592 Mar 09 j 23:44	29°♐01'49	
	-9592 Mar 10 j 18:43	0°♑	
	-9592 Apr 04 j 03:02	0°♒	
max. Earth dist.	-9592 Apr 09 j 21:35	7°♒08'53	1.72841 AU
superior conj	-9592 Apr 14 j 03:47	12°♒25'48	-0°33'00
minimum elong	-9592 Apr 14 j 09:38	12°♒43'58	0°33'12
	-9592 Apr 28 j 06:54	0°♓	
asc. node	-9592 Apr 28 j 18:48	0°♓37'03	
evening rise	-9592 May 19 j 22:59	27°♓02'31	
	-9592 May 22 j 07:46	0°♈	
	-9592 Jun 15 j 07:15	0°♉	
	-9592 Jul 09 j 07:18	0°♊	
	-9592 Aug 02 j 10:14	0°♋	
desc. node	-9592 Aug 19 j 15:23	21°♋14'35	
	-9592 Aug 26 j 18:46	0°♌	
	-9592 Sep 20 j 12:27	0°♍	
	-9592 Oct 15 j 22:25	0°♎	
	-9592 Nov 11 j 20:17	0°♏	
evening max el	-9592 Nov 23 j 04:24	11°♏39'08	45°36'32
asc. node	-9592 Dec 09 j 13:22	26°♏37'39	
	-9592 Dec 13 j 19:10	0°♐	
greatest brilliancy	-9592 Dec 30 j 23:22	10°♐13'26	-4.7m
retrograde	-9591 Jan 11 j 03:23	12°♐29'32	
evening set	-9591 Jan 28 j 15:50	6°♐35'57	
inferior conj	-9591 Feb 01 j 13:40	4°♐09'01	8°03'45
minimum elong	-9591 Feb 01 j 12:26	4°♐10'59	8°03'14
min. Earth dist.	-9591 Feb 01 j 21:14	3°♐56'57	0.29624 AU
morning rise	-9591 Feb 05 j 09:03	1°♐45'39	
	-9591 Feb 08 j 09:47	30°℞♏	
direct	-9591 Feb 23 j 12:50	25°♏35'58	
greatest brilliancy	-9591 Mar 05 j 11:40	27°♏22'53	-4.7m
	-9591 Mar 11 j 14:53	0°♐	
desc. node	-9591 Apr 01 j 14:37	14°♐40'18	
morning max el	-9591 Apr 13 j 17:11	25°♐40'26	46°06'45
	-9591 Apr 18 j 03:38	0°♑	
	-9591 May 16 j 08:25	0°♒	
	-9591 Jun 11 j 06:01	0°♓	
	-9591 Jul 06 j 00:48	0°♈	
asc. node	-9591 Jul 22 j 08:56	20°♈13'27	
	-9591 Jul 30 j 04:49	0°♉	
	-9591 Aug 23 j 01:47	0°♊	
	-9591 Sep 15 j 21:33	0°♋	
	-9591 Oct 09 j 20:09	0°♌	
morning set	-9591 Oct 15 j 21:34	7°♌33'18	
	-9591 Nov 02 j 23:16	0°♍	
desc. node	-9591 Nov 12 j 02:49	11°♍19'00	
superior conj	-9591 Nov 26 j 15:10	29°♍13'14	-0°31'57
minimum elong	-9591 Nov 26 j 07:55	28°♍50'55	0°31'34
	-9591 Nov 27 j 06:21	0°♎	
max. Earth dist.	-9591 Nov 29 j 16:57	3°♎00'26	1.73049 AU
	-9591 Dec 21 j 15:48	0°♏	
evening rise	-9590 Jan 04 j 10:12	16°♏54'15	
	-9590 Jan 15 j 02:29	0°♐	
	-9590 Feb 08 j 14:47	0°♑	
asc. node	-9590 Mar 03 j 19:57	28°♑15'40	
	-9590 Mar 05 j 06:22	0°♒	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9590 Mar 30 j 03:19	0°♓	
	-9590 Apr 24 j 08:00	0°♈	
	-9590 May 20 j 01:00	0°♉	
	-9590 Jun 15 j 19:23	0°♊	
desc. node	-9590 Jun 24 j 19:57	9°♊36'21	
evening max el	-9590 Jul 01 j 22:39	16°♊54'01	47°39'44
	-9590 Jul 15 j 17:02	0°♋	
greatest brilliancy	-9590 Aug 12 j 11:36	18°♋31'06	-4.9m
retrograde	-9590 Aug 21 j 20:18	20°♋11'36	
evening set	-9590 Sep 07 j 13:51	14°♋39'17	
min. Earth dist.	-9590 Sep 11 j 02:28	12°♋29'18	0.26799 AU
inferior conj	-9590 Sep 11 j 12:35	12°♋13'31	-7°09'47
minimum elong	-9590 Sep 11 j 22:28	11°♋58'06	7°07'20
morning rise	-9590 Sep 16 j 07:25	9°♋19'55	
direct	-9590 Oct 01 j 18:29	4°♋33'14	
greatest brilliancy	-9590 Oct 11 j 09:51	6°♋20'47	-4.9m
asc. node	-9590 Oct 14 j 18:33	7°♋43'16	
	-9590 Nov 13 j 13:35	0°♌	
morning max el	-9590 Nov 20 j 14:37	6°♌48'53	46°17'22
	-9590 Dec 12 j 19:41	0°♍	
	-9589 Jan 08 j 18:37	0°♎	
	-9589 Feb 03 j 20:24	0°♏	
desc. node	-9589 Feb 04 j 16:54	0°♏59'43	
	-9589 Mar 01 j 08:19	0°♐	
	-9589 Mar 26 j 08:18	0°♑	
	-9589 Apr 19 j 21:52	0°♒	
	-9589 May 14 j 02:56	0°♓	
morning set	-9589 May 16 j 14:39	3°♓06'17	
asc. node	-9589 May 27 j 08:07	16°♓31'20	
	-9589 Jun 07 j 01:47	0°♈	
max. Earth dist.	-9589 Jun 20 j 08:35	16°♈43'52	1.71107 AU
superior conj	-9589 Jun 22 j 20:48	19°♈53'46	0°56'30
minimum elong	-9589 Jun 22 j 11:18	19°♈23'50	0°56'17
	-9589 Jun 30 j 20:57	0°♉	
	-9589 Jul 24 j 15:10	0°♊	
evening rise	-9589 Aug 01 j 07:27	9°♊40'48	
	-9589 Aug 17 j 11:08	0°♋	
	-9589 Sep 10 j 10:56	0°♌	
desc. node	-9589 Sep 17 j 03:14	8°♌18'30	
	-9589 Oct 04 j 15:52	0°♍	
	-9589 Oct 29 j 03:06	0°♎	
	-9589 Nov 22 j 23:33	0°♏	
	-9589 Dec 18 j 12:41	0°♐	
asc. node	-9588 Jan 06 j 23:47	21°♐52'18	
	-9588 Jan 14 j 12:35	0°♑	
evening max el	-9588 Feb 03 j 02:37	19°♑47'15	44°54'38
	-9588 Feb 14 j 11:29	0°♒	
greatest brilliancy	-9588 Mar 11 j 22:48	16°♒43'19	-4.7m
retrograde	-9588 Mar 22 j 01:38	18°♒32'13	
evening set	-9588 Apr 06 j 14:53	14°♒03'22	
inferior conj	-9588 Apr 12 j 08:15	10°♒43'39	3°44'40
minimum elong	-9588 Apr 12 j 15:40	10°♒32'24	3°42'17
min. Earth dist.	-9588 Apr 13 j 13:38	9°♒59'05	0.28236 AU
morning rise	-9588 Apr 18 j 15:19	7°♒02'17	
desc. node	-9588 Apr 29 j 01:22	3°♒03'16	
direct	-9588 May 03 j 23:15	2°♒34'55	
greatest brilliancy	-9588 May 15 j 16:08	5°♒01'15	-4.8m
	-9588 Jun 18 j 14:43	0°♓	
morning max el	-9588 Jun 23 j 02:01	4°♓23'05	46°35'02
	-9588 Jul 17 j 00:30	0°♈	
	-9588 Aug 11 j 17:38	0°♉	
asc. node	-9588 Aug 18 j 21:47	8°♉38'02	
	-9588 Sep 05 j 09:51	0°♊	
	-9588 Sep 29 j 16:50	0°♋	
	-9588 Oct 23 j 22:58	0°♌	
	-9588 Nov 17 j 07:59	0°♍	
desc. node	-9588 Dec 09 j 16:29	27°♍22'14	
	-9588 Dec 11 j 20:08	0°♎	
morning set	-9588 Dec 29 j 12:17	21°♎35'30	
	-9587 Jan 05 j 09:27	0°♏	
	-9587 Jan 29 j 21:48	0°♐	
max. Earth dist.	-9587 Feb 02 j 14:36	4°♐32'11	1.73798 AU
superior conj	-9587 Feb 04 j 21:37	7°♐20'54	-1°21'06
minimum elong	-9587 Feb 04 j 21:58	7°♐21'58	1°21'37
	-9587 Feb 23 j 08:10	0°♑	
evening rise	-9587 Mar 12 j 09:09	20°♑58'35	
	-9587 Mar 19 j 16:56	0°♒	
asc. node	-9587 Mar 31 j 08:05	14°♒20'15	
	-9587 Apr 13 j 01:07	0°♓	
	-9587 May 07 j 09:48	0°♈	
	-9587 May 31 j 20:20	0°♉	
	-9587 Jun 25 j 11:02	0°♊	
	-9587 Jul 20 j 10:28	0°♋	
desc. node	-9587 Jul 22 j 06:25	2°♋10'24	
	-9587 Aug 15 j 04:08	0°♌	
evening max el	-9587 Sep 11 j 06:06	29°♌28'30	47°20'15
	-9587 Sep 11 j 18:27	0°♍	
	-9587 Oct 18 j 17:38	0°♎	
greatest brilliancy	-9587 Oct 21 j 13:58	1°♎14'49	-4.9m
retrograde	-9587 Nov 01 j 07:54	3°♎28'45	
asc. node	-9587 Nov 11 j 05:13	1°♎24'53	
	-9587 Nov 14 j 06:20	30°℞♍	
evening set	-9587 Nov 16 j 06:09	28°♍55'06	
min. Earth dist.	-9587 Nov 21 j 15:37	25°♍35'40	0.28306 AU
inferior conj	-9587 Nov 22 j 10:06	25°♍05'51	2°36'48
minimum elong	-9587 Nov 22 j 04:56	25°♍14'12	2°35'28
morning rise	-9587 Nov 28 j 04:29	21°♍31'29	
direct	-9587 Dec 13 j 09:43	16°♍53'12	
greatest brilliancy	-9587 Dec 22 j 08:25	18°♍22'18	-4.8m
	-9586 Jan 11 j 19:44	0°♎	
morning max el	-9586 Jan 31 j 03:42	16°♎42'24	45°57'00
	-9586 Feb 13 j 14:36	0°♏	
desc. node	-9586 Mar 04 j 05:17	19°♏41'59	
	-9586 Mar 13 j 13:24	0°♐	
	-9586 Apr 08 j 19:07	0°♑	
	-9586 May 04 j 00:52	0°♒	
	-9586 May 28 j 14:18	0°♓	
	-9586 Jun 21 j 16:33	0°♈	
asc. node	-9586 Jun 23 j 21:45	2°♈46'50	
greatest brilliancy	-9586 Jul 07 j 01:58	19°♈21'51	-3.9m
	-9586 Jul 15 j 12:02	0°♉	
morning set	-9586 Jul 27 j 15:28	15°♉21'55	
	-9586 Aug 08 j 04:49	0°♊	
	-9586 Aug 31 j 22:31	0°♋	
superior conj	-9586 Sep 06 j 22:41	7°♋34'00	1°11'39
minimum elong	-9586 Sep 07 j 09:10	8°♋06'59	1°11'58
max. Earth dist.	-9586 Sep 13 j 07:36	15°♋34'43	1.71129 AU
	-9586 Sep 24 j 19:44	0°♌	
desc. node	-9586 Oct 14 j 15:47	24°♌44'06	
	-9586 Oct 18 j 21:32	0°♍	
evening rise	-9586 Oct 20 j 07:10	1°♍44'20	
	-9586 Nov 12 j 03:44	0°♎	
	-9586 Dec 06 j 14:04	0°♏	
	-9586 Dec 31 j 05:37	0°♐	
	-9585 Jan 25 j 05:51	0°♑	
asc. node	-9585 Feb 03 j 10:37	10°♑52'19	
	-9585 Feb 19 j 20:58	0°♒	
	-9585 Mar 18 j 13:55	0°♓	
evening max el	-9585 Apr 16 j 16:44	0°♈06'13	45°59'32
	-9585 Apr 16 j 14:08	0°♈	
greatest brilliancy	-9585 May 26 j 11:19	28°♈56'39	-4.8m

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

desc. node	-9585 May 27 j 12:02	29°♈16'40	
	-9585 May 30 j 05:27	0°♉	
retrograde	-9585 Jun 05 j 06:32	0°♉40'53	
	-9585 Jun 11 j 03:28	30°℞♈	
evening set	-9585 Jun 20 j 17:00	26°♈09'42	
inferior conj	-9585 Jun 26 j 00:52	23°♈05'44	-6°29'53
minimum elong	-9585 Jun 25 j 14:21	23°♈21'21	6°27'31
min. Earth dist.	-9585 Jun 25 j 20:11	23°♈12'42	0.26656 AU
morning rise	-9585 Jun 30 j 11:34	20°♈30'50	
direct	-9585 Jul 16 j 15:01	15°♈32'28	
greatest brilliancy	-9585 Jul 27 j 07:34	17°♈41'29	-4.9m
	-9585 Aug 15 j 23:59	0°♉	
morning max el	-9585 Sep 05 j 08:16	18°♉58'11	46°43'12
	-9585 Sep 15 j 19:08	0°♊	
asc. node	-9585 Sep 16 j 09:42	0°♊39'30	
	-9585 Oct 12 j 07:59	0°♋	
	-9585 Nov 06 j 18:12	0°♌	
	-9585 Dec 01 j 21:01	0°♍	
	-9585 Dec 26 j 21:58	0°♎	
desc. node	-9584 Jan 07 j 06:00	13°♎36'21	
	-9584 Jan 20 j 20:56	0°♏	
	-9584 Feb 14 j 15:55	0°♐	
morning set	-9584 Mar 07 j 18:57	27°♐00'21	
	-9584 Mar 10 j 05:33	0°♑	
	-9584 Apr 03 j 13:50	0°♒	
max. Earth dist.	-9584 Apr 07 j 16:03	5°♒03'57	1.72895 AU
superior conj	-9584 Apr 11 j 22:55	10°♒22'40	-0°35'43
minimum elong	-9584 Apr 12 j 05:07	10°♒41'54	0°35'55
asc. node	-9584 Apr 27 j 20:59	0°♓09'56	
	-9584 Apr 27 j 17:47	0°♓	
evening rise	-9584 May 17 j 16:41	24°♓53'20	
	-9584 May 21 j 18:50	0°♈	
	-9584 Jun 14 j 18:32	0°♉	
	-9584 Jul 08 j 18:50	0°♊	
	-9584 Aug 01 j 22:05	0°♋	
desc. node	-9584 Aug 18 j 17:32	20°♋43'51	
	-9584 Aug 26 j 07:03	0°♌	
	-9584 Sep 20 j 01:30	0°♍	
	-9584 Oct 15 j 12:57	0°♎	
	-9584 Nov 11 j 14:36	0°♏	
evening max el	-9584 Nov 20 j 20:43	9°♏27'57	45°39'25
asc. node	-9584 Dec 08 j 15:45	25°♏37'39	
	-9584 Dec 14 j 09:05	0°♐	
greatest brilliancy	-9584 Dec 28 j 16:59	8°♐08'02	-4.7m
retrograde	-9583 Jan 08 j 20:33	10°♐23'57	
evening set	-9583 Jan 26 j 08:19	4°♐31'47	
inferior conj	-9583 Jan 30 j 07:09	2°♐02'56	8°02'16
minimum elong	-9583 Jan 30 j 05:17	2°♐05'57	8°01'46
min. Earth dist.	-9583 Jan 30 j 13:23	1°♐52'59	0.29623 AU
	-9583 Feb 02 j 12:59	30°℞♏	
morning rise	-9583 Feb 03 j 02:16	29°♏39'36	
direct	-9583 Feb 21 j 06:10	23°♏30'03	
greatest brilliancy	-9583 Mar 03 j 02:47	25°♏14'55	-4.7m
	-9583 Mar 13 j 04:06	0°♐	
desc. node	-9583 Mar 31 j 16:43	13°♐44'19	
morning max el	-9583 Apr 11 j 08:47	23°♐29'43	46°05'48
	-9583 Apr 17 j 23:52	0°♑	
	-9583 May 15 j 23:33	0°♒	
	-9583 Jun 10 j 19:17	0°♓	
	-9583 Jul 05 j 13:10	0°♈	
asc. node	-9583 Jul 21 j 11:04	19°♈42'44	
	-9583 Jul 29 j 16:41	0°♉	
	-9583 Aug 22 j 13:21	0°♊	
	-9583 Sep 15 j 08:55	0°♋	
	-9583 Oct 09 j 07:21	0°♌	
morning set	-9583 Oct 13 j 07:59	5°♌01'24	
	-9583 Nov 02 j 10:20	0°♍	
desc. node	-9583 Nov 11 j 05:04	10°♍51'54	
superior conj	-9583 Nov 24 j 03:53	26°♍50'45	-0°28'42
minimum elong	-9583 Nov 23 j 21:14	26°♍30'16	0°28'18
	-9583 Nov 26 j 17:19	0°♎	
max. Earth dist.	-9583 Nov 27 j 13:18	1°♎01'32	1.72995 AU
	-9583 Dec 21 j 02:42	0°♏	
evening rise	-9582 Jan 02 j 03:09	14°♏45'26	
	-9582 Jan 14 j 13:26	0°♐	
	-9582 Feb 08 j 01:56	0°♑	
asc. node	-9582 Mar 02 j 22:04	27°♑47'09	
	-9582 Mar 04 j 17:55	0°♒	
	-9582 Mar 29 j 15:34	0°♓	
	-9582 Apr 23 j 21:21	0°♈	
	-9582 May 19 j 16:15	0°♉	
	-9582 Jun 15 j 14:33	0°♊	
desc. node	-9582 Jun 23 j 22:11	8°♊46'30	
evening max el	-9582 Jun 29 j 12:00	14°♊27'45	47°37'39
	-9582 Jul 16 j 01:44	0°♋	
greatest brilliancy	-9582 Aug 10 j 02:10	16°♋03'43	-4.9m
retrograde	-9582 Aug 19 j 08:49	17°♋42'31	
evening set	-9582 Sep 05 j 06:08	12°♋06'32	
min. Earth dist.	-9582 Sep 08 j 16:05	10°♋00'44	0.26768 AU
inferior conj	-9582 Sep 09 j 01:38	9°♋45'49	-7°23'35
minimum elong	-9582 Sep 09 j 11:16	9°♋30'48	7°21'18
morning rise	-9582 Sep 13 j 16:41	6°♋57'36	
direct	-9582 Sep 29 j 06:47	2°♋06'22	
greatest brilliancy	-9582 Oct 08 j 23:48	3°♋54'58	-4.9m
asc. node	-9582 Oct 13 j 20:47	6°♋01'13	
	-9582 Nov 13 j 15:18	0°♌	
morning max el	-9582 Nov 18 j 03:29	4°♌24'36	46°18'33
	-9582 Dec 12 j 12:43	0°♍	
	-9581 Jan 08 j 08:41	0°♎	
	-9581 Feb 03 j 09:01	0°♏	
desc. node	-9581 Feb 03 j 19:00	0°♏29'07	
	-9581 Feb 28 j 20:07	0°♐	
	-9581 Mar 25 j 19:39	0°♑	
	-9581 Apr 19 j 08:59	0°♒	
	-9581 May 13 j 13:57	0°♓	
morning set	-9581 May 14 j 08:16	0°♓57'06	
asc. node	-9581 May 26 j 10:24	16°♓04'00	
	-9581 Jun 06 j 12:49	0°♈	
max. Earth dist.	-9581 Jun 17 j 20:07	14°♈14'01	1.71160 AU
superior conj	-9581 Jun 20 j 11:24	17°♈33'30	0°53'53
minimum elong	-9581 Jun 20 j 02:05	17°♈04'09	0°53'40
	-9581 Jun 30 j 08:04	0°♉	
	-9581 Jul 24 j 02:26	0°♊	
evening rise	-9581 Jul 29 j 17:37	7°♊06'03	
	-9581 Aug 16 j 22:33	0°♋	
	-9581 Sep 09 j 22:30	0°♌	
desc. node	-9581 Sep 16 j 05:20	7°♌48'59	
	-9581 Oct 04 j 03:36	0°♍	
	-9581 Oct 28 j 15:07	0°♎	
	-9581 Nov 22 j 12:10	0°♏	
	-9581 Dec 18 j 02:38	0°♐	
asc. node	-9580 Jan 06 j 02:00	21°♐14'43	
	-9580 Jan 14 j 05:54	0°♑	
evening max el	-9580 Jan 31 j 17:04	17°♑33'50	44°54'15
	-9580 Feb 14 j 18:14	0°♒	
greatest brilliancy	-9580 Mar 09 j 12:21	14°♒30'23	-4.7m
retrograde	-9580 Mar 19 j 16:41	16°♒20'41	
evening set	-9580 Apr 04 j 08:03	11°♒47'41	
inferior conj	-9580 Apr 09 j 23:17	8°♒30'42	4°02'09
minimum elong	-9580 Apr 10 j 07:07	8°♒18'49	3°59'42
min. Earth dist.	-9580 Apr 11 j 05:06	7°♒45'29	0.28315 AU

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

morning rise	-9580 Apr 16 j 05:06	4°♒51'00	
desc. node	-9580 Apr 28 j 03:44	0°♒34'28	
direct	-9580 May 01 j 14:59	0°♒20'17	
greatest brilliancy	-9580 May 13 j 08:09	2°♒47'07	-4.8m
	-9580 Jun 18 j 14:40	0°♓	
morning max el	-9580 Jun 20 j 17:47	2°♓06'21	46°34'12
	-9580 Jul 16 j 17:10	0°♈	
	-9580 Aug 11 j 07:50	0°♉	
asc. node	-9580 Aug 17 j 23:55	8°♉02'47	
	-9580 Sep 04 j 22:53	0°♊	
	-9580 Sep 29 j 05:13	0°♋	
	-9580 Oct 23 j 10:54	0°♌	
	-9580 Nov 16 j 19:34	0°♍	
desc. node	-9580 Dec 08 j 18:37	26°♍54'13	
	-9580 Dec 11 j 07:24	0°♎	
morning set	-9580 Dec 27 j 03:36	19°♎21'39	
	-9579 Jan 04 j 20:30	0°♏	
	-9579 Jan 29 j 08:43	0°♐	
max. Earth dist.	-9579 Jan 31 j 13:11	2°♐40'50	1.73802 AU
superior conj	-9579 Feb 02 j 16:30	5°♐18'12	-1°21'07
minimum elong	-9579 Feb 02 j 16:15	5°♐17'26	1°21'37
	-9579 Feb 22 j 19:05	0°♑	
evening rise	-9579 Mar 10 j 05:12	18°♑58'47	
	-9579 Mar 19 j 03:59	0°♒	
asc. node	-9579 Mar 30 j 10:18	13°♒52'41	
	-9579 Apr 12 j 12:26	0°♓	
	-9579 May 06 j 21:32	0°♈	
	-9579 May 31 j 08:39	0°♉	
	-9579 Jun 25 j 00:08	0°♊	
	-9579 Jul 20 j 00:46	0°♋	
desc. node	-9579 Jul 21 j 08:34	1°♋34'09	
	-9579 Aug 14 j 20:40	0°♌	
evening max el	-9579 Sep 08 j 22:24	27°♌11'28	47°23'08
	-9579 Sep 11 j 17:00	0°♍	
greatest brilliancy	-9579 Oct 19 j 07:03	28°♍59'04	-4.9m
	-9579 Oct 22 j 04:59	0°♎	
retrograde	-9579 Oct 30 j 01:01	1°♎13'01	
	-9579 Nov 06 j 14:19	30°℞♍	
asc. node	-9579 Nov 10 j 07:37	28°♍32'04	
evening set	-9579 Nov 13 j 21:56	26°♍40'04	
min. Earth dist.	-9579 Nov 19 j 07:31	23°♍20'38	0.28237 AU
inferior conj	-9579 Nov 20 j 02:17	22°♍50'26	2°17'49
minimum elong	-9579 Nov 19 j 21:40	22°♍57'51	2°16'38
morning rise	-9579 Nov 25 j 22:17	19°♍14'18	
direct	-9579 Dec 11 j 01:12	14°♍38'52	
greatest brilliancy	-9579 Dec 19 j 23:40	16°♍08'19	-4.8m
	-9578 Jan 12 j 07:20	0°♎	
morning max el	-9578 Jan 28 j 20:35	14°♎34'17	45°57'23
	-9578 Feb 13 j 09:09	0°♏	
desc. node	-9578 Mar 03 j 07:25	19°♏05'24	
	-9578 Mar 13 j 03:58	0°♐	
	-9578 Apr 08 j 08:00	0°♑	
	-9578 May 03 j 12:56	0°♒	
	-9578 May 28 j 01:58	0°♓	
	-9578 Jun 21 j 04:03	0°♈	
asc. node	-9578 Jun 22 j 23:51	2°♈17'24	
greatest brilliancy	-9578 Jul 06 j 19:11	19°♈40'01	-3.9m
	-9578 Jul 14 j 23:28	0°♉	
morning set	-9578 Jul 25 j 02:57	12°♉50'15	
	-9578 Aug 07 j 16:14	0°♊	
	-9578 Aug 31 j 09:56	0°♋	
superior conj	-9578 Sep 04 j 07:06	4°♋53'30	1°13'36
minimum elong	-9578 Sep 04 j 16:58	5°♋24'32	1°13'58
max. Earth dist.	-9578 Sep 10 j 15:01	12°♋51'20	1.71079 AU
	-9578 Sep 24 j 07:09	0°♌	
desc. node	-9578 Oct 13 j 18:03	24°♌15'35	
evening rise	-9578 Oct 17 j 16:03	29°♌07'31	
	-9578 Oct 18 j 08:58	0°♍	
	-9578 Nov 11 j 15:13	0°♎	
	-9578 Dec 06 j 01:41	0°♏	
	-9578 Dec 30 j 17:31	0°♐	
	-9577 Jan 24 j 18:23	0°♑	
asc. node	-9577 Feb 02 j 12:49	10°♑20'48	
	-9577 Feb 19 j 10:50	0°♒	
	-9577 Mar 18 j 06:38	0°♓	
evening max el	-9577 Apr 14 j 07:04	27°♓47'27	45°55'53
	-9577 Apr 16 j 14:54	0°♈	
greatest brilliancy	-9577 May 23 j 22:12	26°♈28'33	-4.8m
desc. node	-9577 May 26 j 14:13	27°♈16'18	
retrograde	-9577 Jun 02 j 18:16	28°♈12'57	
evening set	-9577 Jun 18 j 01:30	23°♈47'01	
inferior conj	-9577 Jun 23 j 12:51	20°♈38'08	-6°12'59
minimum elong	-9577 Jun 23 j 02:20	20°♈53'46	6°10'32
min. Earth dist.	-9577 Jun 23 j 08:57	20°♈43'56	0.26680 AU
morning rise	-9577 Jun 28 j 03:01	17°♈58'17	
direct	-9577 Jul 14 j 04:16	13°♈04'32	
greatest brilliancy	-9577 Jul 24 j 21:04	15°♈13'35	-4.9m
	-9577 Aug 16 j 12:12	0°♉	
morning max el	-9577 Sep 02 j 20:47	16°♉27'57	46°43'28
asc. node	-9577 Sep 15 j 11:57	29°♉52'03	
	-9577 Sep 15 j 14:51	0°♊	
	-9577 Oct 11 j 23:37	0°♋	
	-9577 Nov 06 j 08:02	0°♌	
	-9577 Dec 01 j 09:48	0°♍	
	-9577 Dec 26 j 10:05	0°♎	
desc. node	-9576 Jan 06 j 08:00	13°♎06'42	
	-9576 Jan 20 j 08:35	0°♏	
	-9576 Feb 14 j 03:14	0°♐	
morning set	-9576 Mar 05 j 14:22	24°♐58'42	
	-9576 Mar 09 j 16:40	0°♑	
	-9576 Apr 03 j 00:52	0°♒	
max. Earth dist.	-9576 Apr 05 j 10:26	2°♒58'06	1.72945 AU
superior conj	-9576 Apr 09 j 18:28	8°♒20'17	-0°38'20
minimum elong	-9576 Apr 10 j 01:00	8°♒40'30	0°38'33
asc. node	-9576 Apr 26 j 23:18	29°♒42'35	
	-9576 Apr 27 j 04:53	0°♓	
evening rise	-9576 May 15 j 10:51	22°♓45'07	
	-9576 May 21 j 06:07	0°♈	
	-9576 Jun 14 j 06:05	0°♉	
	-9576 Jul 08 j 06:41	0°♊	
	-9576 Aug 01 j 10:20	0°♋	
desc. node	-9576 Aug 17 j 19:41	20°♋11'46	
	-9576 Aug 25 j 19:50	0°♌	
	-9576 Sep 19 j 15:06	0°♍	
	-9576 Oct 15 j 04:08	0°♎	
	-9576 Nov 11 j 09:54	0°♏	
evening max el	-9576 Nov 18 j 11:58	7°♏12'38	45°42'32
asc. node	-9576 Dec 07 j 17:55	24°♏34'33	
	-9576 Dec 15 j 04:40	0°♐	
greatest brilliancy	-9576 Dec 26 j 10:43	6°♐01'25	-4.7m
retrograde	-9575 Jan 06 j 13:33	8°♐17'14	
evening set	-9575 Jan 24 j 00:32	2°♐26'40	
	-9575 Jan 27 j 21:57	30°℞♏	
inferior conj	-9575 Jan 28 j 00:37	29°♏55'44	8°00'19
minimum elong	-9575 Jan 27 j 22:05	29°♏59'47	7°59'45
min. Earth dist.	-9575 Jan 28 j 05:44	29°♏47'31	0.29616 AU
morning rise	-9575 Jan 31 j 19:38	27°♏32'10	
direct	-9575 Feb 18 j 22:59	21°♏22'57	
greatest brilliancy	-9575 Feb 28 j 18:26	23°♏06'29	-4.7m
	-9575 Mar 14 j 06:55	0°♐	
desc. node	-9575 Mar 30 j 19:00	12°♐49'04	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

morning max el	-9575 Apr 08 j 23:55	21°♐17'03	46°05'08	
	-9575 Apr 17 j 19:47	0°♑		
	-9575 May 15 j 14:43	0°♒		
	-9575 Jun 10 j 08:38	0°♓		
	-9575 Jul 05 j 01:39	0°♈		
asc. node	-9575 Jul 20 j 13:13	19°♈11'36		
	-9575 Jul 29 j 04:43	0°♉		
	-9575 Aug 22 j 01:09	0°♊		
	-9575 Sep 14 j 20:34	0°♋		
	-9575 Oct 08 j 18:55	0°♌		
morning set	-9575 Oct 10 j 17:46	2°♌26'16		
	-9575 Nov 01 j 21:47	0°♍		
desc. node	-9575 Nov 10 j 07:11	10°♍23'15		
superior conj	-9575 Nov 21 j 15:51	24°♍24'46	-0°25'19	
minimum elong	-9575 Nov 21 j 09:52	24°♍06'18	0°24'55	
max. Earth dist.	-9575 Nov 25 j 07:15	28°♍54'05	1.72936 AU	
	-9575 Nov 26 j 04:39	0°♎		
	-9575 Dec 20 j 13:57	0°♏		
evening rise	-9575 Dec 30 j 19:29	12°♏33'40		
	-9574 Jan 14 j 00:43	0°♐		
	-9574 Feb 07 j 13:25	0°♑		
asc. node	-9574 Mar 02 j 00:20	27°♑18'05		
	-9574 Mar 04 j 05:49	0°♒		
	-9574 Mar 29 j 04:08	0°♓		
	-9574 Apr 23 j 11:03	0°♈		
	-9574 May 19 j 07:53	0°♉		
	-9574 Jun 15 j 10:20	0°♊		
desc. node	-9574 Jun 23 j 00:19	7°♊55'19		
evening max el	-9574 Jun 27 j 00:28	11°♊59'08	47°35'31	
	-9574 Jul 16 j 13:28	0°♋		
greatest brilliancy	-9574 Aug 07 j 16:23	13°♋35'32	-4.9m	
retrograde	-9574 Aug 16 j 21:16	15°♋13'09		
evening set	-9574 Sep 02 j 22:15	9°♋33'09		
min. Earth dist.	-9574 Sep 06 j 05:35	7°♋31'36	0.26749 AU	
inferior conj	-9574 Sep 06 j 14:40	7°♋17'28	-7°36'28	
minimum elong	-9574 Sep 06 j 23:58	7°♋03'00	7°34'21	
morning rise	-9574 Sep 11 j 01:52	4°♋34'56		
	-9574 Sep 22 j 15:25	30°℞♊		
direct	-9574 Sep 26 j 19:03	29°♊38'28		
	-9574 Oct 01 j 00:44	0°♋		
greatest brilliancy	-9574 Oct 06 j 14:04	1°♋28'40	-4.9m	
asc. node	-9574 Oct 12 j 23:09	4°♋22'23		
	-9574 Nov 13 j 16:12	0°♌		
morning max el	-9574 Nov 15 j 16:49	2°♌00'05	46°19'33	
	-9574 Dec 12 j 05:52	0°♍		
	-9573 Jan 07 j 23:00	0°♎		
desc. node	-9573 Feb 02 j 21:11	29°♎57'58		
	-9573 Feb 02 j 21:53	0°♏		
	-9573 Feb 28 j 08:09	0°♐		
	-9573 Mar 25 j 07:13	0°♑		
	-9573 Apr 18 j 20:17	0°♒		
morning set	-9573 May 12 j 02:02	28°♒47'55		
	-9573 May 13 j 01:10	0°♓		
asc. node	-9573 May 25 j 12:27	15°♓35'23		
	-9573 Jun 06 j 00:01	0°♈		
max. Earth dist.	-9573 Jun 15 j 09:25	11°♈49'17	1.71207 AU	
superior conj	-9573 Jun 18 j 02:24	15°♈14'03	0°51'14	
minimum elong	-9573 Jun 17 j 17:20	14°♈45'29	0°50'58	
	-9573 Jun 29 j 19:19	0°♉		
	-9573 Jul 23 j 13:47	0°♊		
evening rise	-9573 Jul 27 j 04:28	4°♊33'13		
	-9573 Aug 16 j 10:02	0°♋		
	-9573 Sep 09 j 10:09	0°♌		
desc. node	-9573 Sep 15 j 07:36	7°♌19'43		
	-9573 Oct 03 j 15:27	0°♍		
	-9573 Oct 28 j 03:20	0°♎		
	-9573 Nov 22 j 01:04	0°♏		
	-9573 Dec 17 j 16:59	0°♐		
asc. node	-9572 Jan 05 j 04:13	20°♐36'02		
	-9572 Jan 13 j 23:55	0°♑		
evening max el	-9572 Jan 29 j 08:08	15°♑21'11	44°54'08	
	-9572 Feb 15 j 03:58	0°♒		
greatest brilliancy	-9572 Mar 07 j 01:39	12°♒16'39	-4.7m	
retrograde	-9572 Mar 17 j 07:54	14°♒08'21		
evening set	-9572 Apr 02 j 01:14	9°♒31'22		
inferior conj	-9572 Apr 07 j 14:13	6°♒16'59	4°19'11	
minimum elong	-9572 Apr 07 j 22:24	6°♒04'35	4°16'43	
min. Earth dist.	-9572 Apr 08 j 20:03	5°♒31'44	0.28390 AU	
morning rise	-9572 Apr 13 j 18:35	2°♒39'13		
	-9572 Apr 19 j 10:16	30°℞♑		
desc. node	-9572 Apr 27 j 05:56	28°♑10'06		
direct	-9572 Apr 29 j 07:06	28°♑05'09		
	-9572 May 09 j 13:47	0°♒		
greatest brilliancy	-9572 May 10 j 23:18	0°♒31'35	-4.8m	
morning max el	-9572 Jun 18 j 09:55	29°♒50'29	46°33'24	
	-9572 Jun 18 j 13:44	0°♓		
	-9572 Jul 16 j 09:35	0°♈		
	-9572 Aug 10 j 21:54	0°♉		
asc. node	-9572 Aug 17 j 02:08	7°♉27'57		
	-9572 Sep 04 j 11:49	0°♊		
	-9572 Sep 28 j 17:30	0°♋		
	-9572 Oct 22 j 22:45	0°♌		
	-9572 Nov 16 j 07:06	0°♍		
desc. node	-9572 Dec 07 j 20:38	26°♍25'43		
	-9572 Dec 10 j 18:42	0°♎		
morning set	-9572 Dec 24 j 18:28	17°♎06'12		
	-9571 Jan 04 j 07:37	0°♏		
	-9571 Jan 28 j 19:44	0°♐		
max. Earth dist.	-9571 Jan 29 j 11:47	0°♐49'11	1.73805 AU	
superior conj	-9571 Jan 31 j 10:48	3°♐13'21	-1°21'03	
minimum elong	-9571 Jan 31 j 09:55	3°♐10'39	1°21'31	
	-9571 Feb 22 j 06:05	0°♑		
evening rise	-9571 Mar 08 j 00:44	16°♑57'11		
	-9571 Mar 18 j 15:05	0°♒		
asc. node	-9571 Mar 29 j 12:34	13°♒25'06		
	-9571 Apr 11 j 23:47	0°♓		
	-9571 May 06 j 09:19	0°♈		
	-9571 May 30 j 21:01	0°♉		
	-9571 Jun 24 j 13:18	0°♊		
	-9571 Jul 19 j 15:08	0°♋		
desc. node	-9571 Jul 20 j 10:48	0°♋58'04		
	-9571 Aug 14 j 13:22	0°♌		
evening max el	-9571 Sep 06 j 15:15	24°♌56'18	47°25'59	
	-9571 Sep 11 j 16:15	0°♍		
greatest brilliancy	-9571 Oct 17 j 00:04	26°♍43'54	-4.9m	
retrograde	-9571 Oct 27 j 18:08	28°♍57'35		
asc. node	-9571 Nov 09 j 09:42	25°♍36'03		
evening set	-9571 Nov 11 j 13:56	24°♍25'26		
min. Earth dist.	-9571 Nov 16 j 23:17	21°♍06'14	0.28170 AU	
inferior conj	-9571 Nov 17 j 18:27	20°♍35'25	1°58'32	
minimum elong	-9571 Nov 17 j 14:27	20°♍41'52	1°57'32	
morning rise	-9571 Nov 23 j 15:56	16°♍57'35		
direct	-9571 Dec 08 j 17:04	12°♍25'09		
greatest brilliancy	-9571 Dec 17 j 14:39	13°♍54'24	-4.8m	
	-9570 Jan 12 j 15:46	0°♎		
morning max el	-9570 Jan 26 j 13:04	12°♎25'32	45°57'29	
	-9570 Feb 13 j 03:11	0°♏		
desc. node	-9570 Mar 02 j 09:40	18°♏29'33		
	-9570 Mar 12 j 18:20	0°♐		
	-9570 Apr 07 j 20:47	0°♑		
	-9570 May 03 j 00:54	0°♒		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9570 May 27 j 13:30	0°♓	
	-9570 Jun 20 j 15:23	0°♈	
asc. node	-9570 Jun 22 j 01:58	1°♈48'30	
greatest brilliancy	-9570 Jul 06 j 07:34	19°♈43'32	-3.9m
	-9570 Jul 14 j 10:44	0°♉	
morning set	-9570 Jul 22 j 14:26	10°♉19'07	
	-9570 Aug 07 j 03:29	0°♊	
	-9570 Aug 30 j 21:10	0°♋	
superior conj	-9570 Sep 01 j 15:45	2°♋14'11	1°15'23
minimum elong	-9570 Sep 02 j 00:54	2°♋42'59	1°15'47
max. Earth dist.	-9570 Sep 07 j 22:33	10°♋08'46	1.71026 AU
	-9570 Sep 23 j 18:22	0°♌	
desc. node	-9570 Oct 12 j 20:08	23°♌47'15	
evening rise	-9570 Oct 15 j 00:53	26°♌31'06	
	-9570 Oct 17 j 20:10	0°♍	
	-9570 Nov 11 j 02:27	0°♎	
	-9570 Dec 05 j 13:01	0°♏	
	-9570 Dec 30 j 05:12	0°♐	
	-9569 Jan 24 j 06:47	0°♑	
asc. node	-9569 Feb 01 j 15:04	9°♑49'51	
	-9569 Feb 19 j 00:41	0°♒	
	-9569 Mar 17 j 23:35	0°♓	
evening max el	-9569 Apr 11 j 20:33	25°♓26'58	45°52'17
	-9569 Apr 16 j 16:52	0°♈	
greatest brilliancy	-9569 May 21 j 09:44	24°♈01'40	-4.8m
desc. node	-9569 May 25 j 16:19	25°♈11'19	
retrograde	-9569 May 31 j 05:29	25°♈45'32	
evening set	-9569 Jun 15 j 10:08	21°♈24'35	
inferior conj	-9569 Jun 21 j 00:46	18°♈11'14	-5°55'26
minimum elong	-9569 Jun 20 j 14:21	18°♈26'45	5°52'55
min. Earth dist.	-9569 Jun 20 j 22:05	18°♈15'14	0.26703 AU
morning rise	-9569 Jun 25 j 18:20	15°♈26'25	
direct	-9569 Jul 11 j 16:47	10°♈37'09	
greatest brilliancy	-9569 Jul 22 j 10:59	12°♈46'49	-4.9m
	-9569 Aug 16 j 21:01	0°♉	
morning max el	-9569 Aug 31 j 08:17	13°♉55'47	46°43'46
asc. node	-9569 Sep 14 j 14:14	29°♉06'16	
	-9569 Sep 15 j 09:44	0°♊	
	-9569 Oct 11 j 14:45	0°♋	
	-9569 Nov 05 j 21:26	0°♌	
	-9569 Nov 30 j 22:12	0°♍	
	-9569 Dec 25 j 21:49	0°♎	
desc. node	-9568 Jan 05 j 10:13	12°♎38'51	
	-9568 Jan 19 j 19:50	0°♏	
	-9568 Feb 13 j 14:11	0°♐	
morning set	-9568 Mar 03 j 09:38	22°♐57'34	
	-9568 Mar 09 j 03:28	0°♑	
	-9568 Apr 02 j 11:40	0°♒	
max. Earth dist.	-9568 Apr 03 j 04:50	0°♒53'06	1.73002 AU
superior conj	-9568 Apr 07 j 13:54	6°♒18'17	-0°40'55
minimum elong	-9568 Apr 07 j 20:43	6°♒39'23	0°41'08
asc. node	-9568 Apr 26 j 01:20	29°♒15'02	
	-9568 Apr 26 j 15:47	0°♓	
evening rise	-9568 May 13 j 04:51	20°♓37'07	
	-9568 May 20 j 17:11	0°♈	
	-9568 Jun 13 j 17:23	0°♉	
	-9568 Jul 07 j 18:17	0°♊	
	-9568 Jul 31 j 22:18	0°♋	
desc. node	-9568 Aug 16 j 21:56	19°♋40'54	
	-9568 Aug 25 j 08:20	0°♌	
	-9568 Sep 19 j 04:26	0°♍	
	-9568 Oct 14 j 19:06	0°♎	
	-9568 Nov 11 j 05:15	0°♏	
evening max el	-9568 Nov 16 j 02:41	4°♏57'09	45°45'51
asc. node	-9568 Dec 06 j 20:11	23°♏31'33	
	-9568 Dec 16 j 06:29	0°♐	
greatest brilliancy	-9568 Dec 24 j 04:22	3°♐56'08	-4.7m
retrograde	-9567 Jan 04 j 06:56	6°♐12'28	
evening set	-9567 Jan 21 j 16:46	0°♐23'31	
	-9567 Jan 22 j 08:11	30°℞♏	
inferior conj	-9567 Jan 25 j 18:17	27°♏50'22	7°57'41
minimum elong	-9567 Jan 25 j 15:08	27°♏55'24	7°57'05
min. Earth dist.	-9567 Jan 25 j 22:19	27°♏43'54	0.29609 AU
morning rise	-9567 Jan 29 j 13:29	25°♏26'21	
direct	-9567 Feb 16 j 15:38	19°♏17'36	
greatest brilliancy	-9567 Feb 26 j 10:35	21°♏00'21	-4.7m
	-9567 Mar 15 j 01:49	0°♐	
desc. node	-9567 Mar 29 j 21:11	11°♐56'06	
morning max el	-9567 Apr 06 j 15:27	19°♐06'38	46°04'19
	-9567 Apr 17 j 14:43	0°♑	
	-9567 May 15 j 05:23	0°♒	
	-9567 Jun 09 j 21:40	0°♓	
	-9567 Jul 04 j 13:52	0°♈	
asc. node	-9567 Jul 19 j 15:28	18°♈41'36	
	-9567 Jul 28 j 16:29	0°♉	
	-9567 Aug 21 j 12:38	0°♊	
	-9567 Sep 14 j 07:53	0°♋	
morning set	-9567 Oct 08 j 03:29	29°♋51'48	
	-9567 Oct 08 j 06:07	0°♌	
	-9567 Nov 01 j 08:52	0°♍	
desc. node	-9567 Nov 09 j 09:12	9°♍55'18	
superior conj	-9567 Nov 19 j 03:49	21°♍59'46	-0°21'52
minimum elong	-9567 Nov 18 j 22:32	21°♍43'31	0°21'29
max. Earth dist.	-9567 Nov 22 j 23:07	26°♍41'17	1.72875 AU
	-9567 Nov 25 j 15:37	0°♎	
	-9567 Dec 20 j 00:50	0°♏	
evening rise	-9567 Dec 28 j 11:54	10°♏23'21	
	-9566 Jan 13 j 11:37	0°♐	
	-9566 Feb 07 j 00:30	0°♑	
asc. node	-9566 Mar 01 j 02:37	26°♑50'18	
	-9566 Mar 03 j 17:19	0°♒	
	-9566 Mar 28 j 16:23	0°♓	
	-9566 Apr 23 j 00:31	0°♈	
	-9566 May 18 j 23:29	0°♉	
	-9566 Jun 15 j 06:32	0°♊	
desc. node	-9566 Jun 22 j 02:38	7°♊04'08	
evening max el	-9566 Jun 24 j 13:06	9°♊31'29	47°33'12
	-9566 Jul 17 j 04:51	0°♋	
greatest brilliancy	-9566 Aug 05 j 05:54	11°♋06'37	-4.9m
retrograde	-9566 Aug 14 j 09:57	12°♋43'51	
evening set	-9566 Aug 31 j 14:04	6°♋59'39	
inferior conj	-9566 Sep 04 j 03:26	4°♋49'02	-7°48'35
minimum elong	-9566 Sep 04 j 12:22	4°♋35'12	7°46'37
min. Earth dist.	-9566 Sep 03 j 18:32	5°♋02'50	0.26728 AU
morning rise	-9566 Sep 08 j 10:47	2°♋12'33	
	-9566 Sep 12 j 15:11	30°℞♊	
direct	-9566 Sep 24 j 07:19	27°♊10'30	
greatest brilliancy	-9566 Oct 04 j 03:40	29°♊02'05	-4.9m
	-9566 Oct 06 j 13:46	0°♋	
asc. node	-9566 Oct 12 j 01:16	2°♋47'27	
morning max el	-9566 Nov 13 j 06:49	29°♋38'04	46°20'42
	-9566 Nov 13 j 15:37	0°♌	
	-9566 Dec 11 j 22:18	0°♍	
	-9565 Jan 07 j 12:48	0°♎	
desc. node	-9565 Feb 01 j 23:20	29°♎27'53	
	-9565 Feb 02 j 10:19	0°♏	
	-9565 Feb 27 j 19:47	0°♐	
	-9565 Mar 24 j 18:24	0°♑	
	-9565 Apr 18 j 07:14	0°♒	
morning set	-9565 May 09 j 20:12	26°♒41'09	
	-9565 May 12 j 12:02	0°♓	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

asc. node	-9565 May 24 j 14:38	15°♓08'09	
	-9565 Jun 05 j 10:55	0°♈	
max. Earth dist.	-9565 Jun 12 j 22:14	9°♈23'58	1.71263 AU
superior conj	-9565 Jun 15 j 17:34	12°♈56'02	0°48'30
minimum elong	-9565 Jun 15 j 08:49	12°♈28'27	0°48'12
	-9565 Jun 29 j 06:21	0°♉	
	-9565 Jul 23 j 00:59	0°♊	
evening rise	-9565 Jul 24 j 15:18	2°♊00'46	
	-9565 Aug 15 j 21:23	0°♋	
	-9565 Sep 08 j 21:38	0°♌	
desc. node	-9565 Sep 14 j 09:42	6°♌50'23	
	-9565 Oct 03 j 03:08	0°♍	
	-9565 Oct 27 j 15:21	0°♎	
	-9565 Nov 21 j 13:47	0°♏	
	-9565 Dec 17 j 07:12	0°♐	
asc. node	-9564 Jan 04 j 06:34	19°♐58'14	
	-9564 Jan 13 j 18:00	0°♑	
evening max el	-9564 Jan 27 j 00:14	13°♑12'03	44°54'10
	-9564 Feb 15 j 16:20	0°♒	
greatest brilliancy	-9564 Mar 04 j 15:43	10°♒05'35	-4.7m
retrograde	-9564 Mar 14 j 23:24	11°♒58'05	
evening set	-9564 Mar 30 j 18:54	7°♒17'26	
inferior conj	-9564 Apr 05 j 05:34	4°♒05'32	4°35'36
minimum elong	-9564 Apr 05 j 14:01	3°♒52'40	4°33'06
min. Earth dist.	-9564 Apr 06 j 11:07	3°♒20'35	0.28461 AU
morning rise	-9564 Apr 11 j 08:18	0°♒29'45	
	-9564 Apr 12 j 06:32	30°♑℞	
desc. node	-9564 Apr 26 j 07:59	25°♑53'05	
direct	-9564 Apr 26 j 23:44	25°♑52'34	
greatest brilliancy	-9564 May 08 j 13:57	28°♑17'22	-4.8m
	-9564 May 12 j 09:40	0°♒	
morning max el	-9564 Jun 16 j 01:57	27°♒35'44	46°32'20
	-9564 Jun 18 j 11:28	0°♓	
	-9564 Jul 16 j 01:29	0°♈	
	-9564 Aug 10 j 11:42	0°♉	
asc. node	-9564 Aug 16 j 04:21	6°♉53'44	
	-9564 Sep 04 j 00:36	0°♊	
	-9564 Sep 28 j 05:42	0°♋	
	-9564 Oct 22 j 10:31	0°♌	
	-9564 Nov 15 j 18:32	0°♍	
desc. node	-9564 Dec 06 j 22:51	25°♍58'15	
	-9564 Dec 10 j 05:52	0°♎	
morning set	-9564 Dec 22 j 09:08	14°♎50'31	
	-9563 Jan 03 j 18:35	0°♏	
max. Earth dist.	-9563 Jan 27 j 11:04	29°♏00'09	1.73803 AU
	-9563 Jan 28 j 06:35	0°♐	
superior conj	-9563 Jan 29 j 05:03	1°♐08'54	-1°20'50
minimum elong	-9563 Jan 29 j 03:32	1°♐04'14	1°21'18
	-9563 Feb 21 j 16:56	0°♑	
evening rise	-9563 Mar 05 j 20:28	14°♑56'42	
	-9563 Mar 18 j 02:02	0°♒	
asc. node	-9563 Mar 28 j 14:40	12°♒57'30	
	-9563 Apr 11 j 11:00	0°♓	
	-9563 May 05 j 20:57	0°♈	
	-9563 May 30 j 09:15	0°♉	
	-9563 Jun 24 j 02:22	0°♊	
	-9563 Jul 19 j 05:32	0°♋	
desc. node	-9563 Jul 19 j 13:02	0°♋22'06	
	-9563 Aug 14 j 06:21	0°♌	
evening max el	-9563 Sep 04 j 08:05	22°♌40'36	47°28'26
	-9563 Sep 11 j 16:42	0°♍	
greatest brilliancy	-9563 Oct 14 j 17:33	24°♍28'15	-4.9m
retrograde	-9563 Oct 25 j 10:46	26°♍40'40	
asc. node	-9563 Nov 08 j 12:00	22°♍34'34	
evening set	-9563 Nov 09 j 05:53	22°♍09'29	
min. Earth dist.	-9563 Nov 14 j 15:07	18°♍50'15	0.28099 AU
inferior conj	-9563 Nov 15 j 10:23	18°♍19'14	1°38'44
minimum elong	-9563 Nov 15 j 07:01	18°♍24'40	1°37'57
morning rise	-9563 Nov 21 j 09:13	14°♍39'42	
direct	-9563 Dec 06 j 08:43	10°♍10'28	
greatest brilliancy	-9563 Dec 15 j 05:33	11°♍39'25	-4.8m
	-9562 Jan 12 j 21:59	0°♎	
morning max el	-9562 Jan 24 j 04:30	10°♎13'55	45°57'44
	-9562 Feb 12 j 20:48	0°♏	
desc. node	-9562 Mar 01 j 11:47	17°♏53'48	
	-9562 Mar 12 j 08:30	0°♐	
	-9562 Apr 07 j 09:27	0°♑	
	-9562 May 02 j 12:46	0°♒	
	-9562 May 27 j 00:58	0°♓	
	-9562 Jun 20 j 02:40	0°♈	
asc. node	-9562 Jun 21 j 04:15	1°♈20'17	
greatest brilliancy	-9562 Jul 05 j 20:40	19°♈49'28	-3.9m
	-9562 Jul 13 j 21:57	0°♉	
morning set	-9562 Jul 20 j 02:36	7°♉50'16	
	-9562 Aug 06 j 14:41	0°♊	
superior conj	-9562 Aug 30 j 00:51	29°♊36'11	1°16'59
minimum elong	-9562 Aug 30 j 09:11	0°♋02'26	1°17'24
	-9562 Aug 30 j 08:24	0°♋	
max. Earth dist.	-9562 Sep 05 j 04:04	7°♋19'43	1.70982 AU
	-9562 Sep 23 j 05:38	0°♌	
desc. node	-9562 Oct 11 j 22:13	23°♌18'30	
evening rise	-9562 Oct 12 j 09:18	23°♌52'56	
	-9562 Oct 17 j 07:30	0°♍	
	-9562 Nov 10 j 13:50	0°♎	
	-9562 Dec 05 j 00:33	0°♏	
	-9562 Dec 29 j 17:03	0°♐	
	-9561 Jan 23 j 19:23	0°♑	
asc. node	-9561 Jan 31 j 17:20	9°♑18'29	
	-9561 Feb 18 j 14:47	0°♒	
	-9561 Mar 17 j 16:58	0°♓	
evening max el	-9561 Apr 09 j 09:21	23°♓04'53	45°48'48
	-9561 Apr 16 j 20:21	0°♈	
greatest brilliancy	-9561 May 18 j 21:52	21°♈35'48	-4.8m
desc. node	-9561 May 24 j 18:42	23°♈01'48	
retrograde	-9561 May 28 j 16:44	23°♈19'02	
evening set	-9561 Jun 12 j 19:11	19°♈02'22	
inferior conj	-9561 Jun 18 j 12:57	15°♈45'11	-5°37'11
minimum elong	-9561 Jun 18 j 02:42	16°♈00'26	5°34'39
min. Earth dist.	-9561 Jun 18 j 11:47	15°♈46'54	0.26727 AU
morning rise	-9561 Jun 23 j 09:51	12°♈55'32	
direct	-9561 Jul 09 j 05:04	8°♈10'16	
greatest brilliancy	-9561 Jul 20 j 01:39	10°♈21'25	-4.9m
	-9561 Aug 17 j 03:20	0°♉	
morning max el	-9561 Aug 28 j 19:46	11°♉23'33	46°44'08
asc. node	-9561 Sep 13 j 16:22	28°♉20'38	
	-9561 Sep 15 j 04:09	0°♊	
	-9561 Oct 11 j 05:46	0°♋	
	-9561 Nov 05 j 10:53	0°♌	
	-9561 Nov 30 j 10:46	0°♍	
	-9561 Dec 25 j 09:46	0°♎	
desc. node	-9560 Jan 04 j 12:21	12°♎09'56	
	-9560 Jan 19 j 07:21	0°♏	
	-9560 Feb 13 j 01:23	0°♐	
morning set	-9560 Mar 01 j 04:38	20°♐54'59	
	-9560 Mar 08 j 14:29	0°♑	
max. Earth dist.	-9560 Apr 01 j 01:19	28°♑54'00	1.73055 AU
	-9560 Apr 01 j 22:39	0°♒	
superior conj	-9560 Apr 05 j 09:19	4°♒15'48	-0°43'27
minimum elong	-9560 Apr 05 j 16:23	4°♒37'40	0°43'40
asc. node	-9560 Apr 25 j 03:32	28°♒47'23	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9560 Apr 26 j 02:52	0°♓	
evening rise	-9560 May 10 j 23:08	18°♓29'34	
	-9560 May 20 j 04:28	0°♈	
	-9560 Jun 13 j 04:54	0°♉	
	-9560 Jul 07 j 06:06	0°♊	
	-9560 Jul 31 j 10:30	0°♋	
desc. node	-9560 Aug 16 j 00:06	19°♋09'13	
	-9560 Aug 24 j 21:03	0°♌	
	-9560 Sep 18 j 18:01	0°♍	
	-9560 Oct 14 j 10:28	0°♎	
	-9560 Nov 11 j 01:31	0°♏	
evening max el	-9560 Nov 13 j 17:28	2°♏40'50	45°49'03
asc. node	-9560 Dec 05 j 22:32	22°♏25'58	
	-9560 Dec 17 j 20:41	0°♐	
greatest brilliancy	-9560 Dec 21 j 21:26	1°♐48'38	-4.7m
retrograde	-9559 Jan 02 j 00:33	4°♐06'09	
	-9559 Jan 16 j 10:08	30°℞♏	
evening set	-9559 Jan 19 j 08:38	28°♏18'54	
inferior conj	-9559 Jan 23 j 11:48	25°♏43'20	7°54'16
minimum elong	-9559 Jan 23 j 08:04	25°♏49'18	7°53'37
min. Earth dist.	-9559 Jan 23 j 14:40	25°♏38'45	0.29600 AU
morning rise	-9559 Jan 27 j 07:30	23°♏18'34	
direct	-9559 Feb 14 j 08:09	17°♏10'30	
greatest brilliancy	-9559 Feb 24 j 02:38	18°♏52'48	-4.7m
	-9559 Mar 15 j 16:35	0°♐	
desc. node	-9559 Mar 28 j 23:17	11°♐02'53	
morning max el	-9559 Apr 04 j 07:43	16°♐57'00	46°03'39
	-9559 Apr 17 j 09:34	0°♑	
	-9559 May 14 j 20:12	0°♒	
	-9559 Jun 09 j 10:52	0°♓	
	-9559 Jul 04 j 02:17	0°♈	
asc. node	-9559 Jul 18 j 17:34	18°♈10'20	
	-9559 Jul 28 j 04:28	0°♉	
	-9559 Aug 21 j 00:22	0°♊	
	-9559 Sep 13 j 19:28	0°♋	
morning set	-9559 Oct 05 j 13:27	27°♋17'08	
	-9559 Oct 07 j 17:34	0°♌	
	-9559 Oct 31 j 20:12	0°♍	
desc. node	-9559 Nov 08 j 11:27	9°♍27'21	
superior conj	-9559 Nov 16 j 15:44	19°♍33'47	-0°18'23
minimum elong	-9559 Nov 16 j 11:14	19°♍19'53	0°18'00
max. Earth dist.	-9559 Nov 20 j 14:32	24°♍26'13	1.72817 AU
	-9559 Nov 25 j 02:50	0°♎	
	-9559 Dec 19 j 12:02	0°♏	
evening rise	-9559 Dec 26 j 04:13	8°♏11'44	
	-9558 Jan 12 j 22:52	0°♐	
	-9558 Feb 06 j 11:59	0°♑	
asc. node	-9558 Feb 28 j 04:43	26°♑20'50	
	-9558 Mar 03 j 05:15	0°♒	
	-9558 Mar 28 j 05:04	0°♓	
	-9558 Apr 22 j 14:27	0°♈	
	-9558 May 18 j 15:39	0°♉	
	-9558 Jun 15 j 03:44	0°♊	
desc. node	-9558 Jun 21 j 04:50	6°♊10'50	
evening max el	-9558 Jun 22 j 02:25	7°♊04'52	47°30'50
	-9558 Jul 18 j 01:48	0°♋	
greatest brilliancy	-9558 Aug 02 j 18:41	8°♋35'57	-4.9m
retrograde	-9558 Aug 11 j 23:07	10°♋13'29	
evening set	-9558 Aug 29 j 05:43	4°♋25'06	
inferior conj	-9558 Sep 01 j 16:06	2°♋19'20	-7°59'45
minimum elong	-9558 Sep 02 j 00:35	2°♋06'15	7°57'58
min. Earth dist.	-9558 Sep 01 j 07:02	2°♋33'21	0.26707 AU
morning rise	-9558 Sep 05 j 19:35	29°♊49'02	
	-9558 Sep 05 j 12:03	30°℞♊	
direct	-9558 Sep 21 j 20:02	24°♊41'24	
greatest brilliancy	-9558 Oct 01 j 16:38	26°♊33'42	-4.9m
	-9558 Oct 09 j 00:36	0°♋	
asc. node	-9558 Oct 11 j 03:32	1°♋15'13	
morning max el	-9558 Nov 10 j 21:31	27°♋16'51	46°21'53
	-9558 Nov 13 j 14:22	0°♌	
	-9558 Dec 11 j 14:43	0°♍	
	-9557 Jan 07 j 02:44	0°♎	
desc. node	-9557 Feb 01 j 01:24	28°♎56'48	
	-9557 Feb 01 j 22:59	0°♏	
	-9557 Feb 27 j 07:45	0°♐	
	-9557 Mar 24 j 05:56	0°♑	
	-9557 Apr 17 j 18:33	0°♒	
morning set	-9557 May 07 j 14:20	24°♒33'19	
	-9557 May 11 j 23:15	0°♓	
asc. node	-9557 May 23 j 16:54	14°♓40'05	
	-9557 Jun 04 j 22:09	0°♈	
max. Earth dist.	-9557 Jun 10 j 09:27	6°♈52'48	1.71315 AU
superior conj	-9557 Jun 13 j 08:50	10°♈37'27	0°45'41
minimum elong	-9557 Jun 13 j 00:26	10°♈10'59	0°45'23
	-9557 Jun 28 j 17:41	0°♉	
evening rise	-9557 Jul 22 j 02:20	29°♉28'06	
	-9557 Jul 22 j 12:28	0°♊	
	-9557 Aug 15 j 09:01	0°♋	
	-9557 Sep 08 j 09:26	0°♌	
desc. node	-9557 Sep 13 j 11:49	6°♌20'10	
	-9557 Oct 02 j 15:08	0°♍	
	-9557 Oct 27 j 03:43	0°♎	
	-9557 Nov 21 j 02:51	0°♏	
	-9557 Dec 16 j 21:52	0°♐	
asc. node	-9556 Jan 03 j 08:46	19°♐18'53	
	-9556 Jan 13 j 12:52	0°♑	
evening max el	-9556 Jan 24 j 16:16	11°♑01'48	44°54'07
	-9556 Feb 16 j 09:34	0°♒	
greatest brilliancy	-9556 Mar 02 j 06:16	7°♒54'02	-4.7m
retrograde	-9556 Mar 12 j 14:22	9°♒46'33	
evening set	-9556 Mar 28 j 12:35	5°♒02'19	
inferior conj	-9556 Apr 02 j 20:52	1°♒53'00	4°51'34
minimum elong	-9556 Apr 03 j 05:33	1°♒39'44	4°49'04
min. Earth dist.	-9556 Apr 04 j 02:21	1°♒07'59	0.28534 AU
	-9556 Apr 05 j 23:26	30°℞♑	
morning rise	-9556 Apr 08 j 21:45	28°♑19'08	
direct	-9556 Apr 24 j 16:07	23°♑38'53	
desc. node	-9556 Apr 25 j 10:21	23°♑39'33	
greatest brilliancy	-9556 May 06 j 04:28	26°♑01'41	-4.8m
	-9556 May 14 j 03:57	0°♒	
morning max el	-9556 Jun 13 j 17:13	25°♒17'59	46°31'20
	-9556 Jun 18 j 08:54	0°♓	
	-9556 Jul 15 j 17:29	0°♈	
	-9556 Aug 10 j 01:40	0°♉	
asc. node	-9556 Aug 15 j 06:31	6°♉18'44	
	-9556 Sep 03 j 13:34	0°♊	
	-9556 Sep 27 j 18:05	0°♋	
	-9556 Oct 21 j 22:29	0°♌	
	-9556 Nov 15 j 06:11	0°♍	
desc. node	-9556 Dec 06 j 00:57	25°♍29'41	
	-9556 Dec 09 j 17:16	0°♎	
morning set	-9556 Dec 19 j 23:49	12°♎34'08	
	-9555 Jan 03 j 05:47	0°♏	
max. Earth dist.	-9555 Jan 25 j 10:13	27°♏10'02	1.73797 AU
superior conj	-9555 Jan 26 j 23:22	29°♏03'56	-1°20'32
minimum elong	-9555 Jan 26 j 21:14	28°♏57'23	1°20'59
	-9555 Jan 27 j 17:39	0°♐	
	-9555 Feb 21 j 03:59	0°♑	
evening rise	-9555 Mar 03 j 16:15	12°♑55'43	
	-9555 Mar 17 j 13:14	0°♒	
asc. node	-9555 Mar 27 j 16:54	12°♒29'33	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9555 Apr 10 j 22:30	0°♓		
	-9555 May 05 j 08:55	0°♈		
	-9555 May 29 j 21:49	0°♉		
	-9555 Jun 23 j 15:48	0°♊		
desc. node	-9555 Jul 18 j 15:11	29°♊44'54		
	-9555 Jul 18 j 20:19	0°♋		
	-9555 Aug 13 j 23:53	0°♌		
evening max el	-9555 Sep 02 j 00:03	20°♌22'03	47°30'51	
	-9555 Sep 11 j 18:35	0°♍		
greatest brilliancy	-9555 Oct 12 j 11:33	22°♍12'33	-4.9m	
retrograde	-9555 Oct 23 j 02:57	24°♍22'59		
evening set	-9555 Nov 06 j 21:58	19°♍52'38		
asc. node	-9555 Nov 07 j 14:24	19°♍28'54		
min. Earth dist.	-9555 Nov 12 j 07:16	16°♍33'07	0.28029 AU	
inferior conj	-9555 Nov 13 j 02:19	16°♍02'25	1°18'44	
minimum elong	-9555 Nov 12 j 23:36	16°♍06'48	1°18'08	
morning rise	-9555 Nov 19 j 02:19	12°♍21'09		
direct	-9555 Dec 03 j 23:53	7°♍55'06		
greatest brilliancy	-9555 Dec 12 j 20:56	9°♍24'05	-4.8m	
	-9554 Jan 13 j 02:27	0°♎		
morning max el	-9554 Jan 21 j 19:15	8°♎00'02	45°58'07	
	-9554 Feb 12 j 14:13	0°♏		
desc. node	-9554 Feb 28 j 13:55	17°♏17'58		
	-9554 Mar 11 j 22:40	0°♐		
	-9554 Apr 06 j 22:09	0°♑		
	-9554 May 02 j 00:44	0°♒		
	-9554 May 26 j 12:34	0°♓		
	-9554 Jun 19 j 14:07	0°♈		
asc. node	-9554 Jun 20 j 06:20	0°♈50'54		
greatest brilliancy	-9554 Jul 05 j 10:31	19°♈57'08	-3.9m	
	-9554 Jul 13 j 09:21	0°♉		
morning set	-9554 Jul 17 j 14:33	5°♉20'08		
	-9554 Aug 06 j 02:05	0°♊		
superior conj	-9554 Aug 27 j 09:45	26°♊57'05	1°18'24	
minimum elong	-9554 Aug 27 j 17:12	27°♊20'34	1°18'51	
	-9554 Aug 29 j 19:47	0°♋		
max. Earth dist.	-9554 Sep 02 j 05:32	4°♋17'27	1.70936 AU	
	-9554 Sep 22 j 17:02	0°♌		
evening rise	-9554 Oct 09 j 17:21	21°♌13'18		
desc. node	-9554 Oct 11 j 00:28	22°♌50'01		
	-9554 Oct 16 j 18:54	0°♍		
	-9554 Nov 10 j 01:19	0°♎		
	-9554 Dec 04 j 12:10	0°♏		
	-9554 Dec 29 j 05:02	0°♐		
	-9553 Jan 23 j 08:06	0°♑		
asc. node	-9553 Jan 30 j 19:32	8°♑46'42		
	-9553 Feb 18 j 05:04	0°♒		
	-9553 Mar 17 j 10:44	0°♓		
evening max el	-9553 Apr 06 j 21:40	20°♓41'54	45°45'23	
	-9553 Apr 17 j 01:35	0°♈		
greatest brilliancy	-9553 May 16 j 09:32	19°♈09'31	-4.8m	
desc. node	-9553 May 23 j 20:51	20°♈46'48		
retrograde	-9553 May 26 j 04:05	20°♈52'49		
evening set	-9553 Jun 10 j 04:20	16°♈39'37		
inferior conj	-9553 Jun 16 j 01:04	13°♈19'01	-5°18'15	
minimum elong	-9553 Jun 15 j 15:03	13°♈33'54	5°15'43	
min. Earth dist.	-9553 Jun 16 j 01:25	13°♈18'30	0.26761 AU	
morning rise	-9553 Jun 21 j 01:17	10°♈24'49		
direct	-9553 Jul 06 j 17:22	5°♈42'57		
greatest brilliancy	-9553 Jul 17 j 16:39	7°♈56'15	-4.9m	
	-9553 Aug 17 j 07:53	0°♉		
morning max el	-9553 Aug 26 j 08:10	8°♉53'17	46°44'29	
asc. node	-9553 Sep 12 j 18:39	27°♉35'39		
	-9553 Sep 14 j 22:18	0°♊		
	-9553 Oct 10 j 20:42	0°♋		
	-9553 Nov 05 j 00:17	0°♌		
	-9553 Nov 29 j 23:15	0°♍		
	-9553 Dec 24 j 21:38	0°♎		
desc. node	-9552 Jan 03 j 14:23	11°♎40'55		
	-9552 Jan 18 j 18:46	0°♏		
	-9552 Feb 12 j 12:30	0°♐		
morning set	-9552 Feb 27 j 23:42	18°♐52'41		
	-9552 Mar 08 j 01:27	0°♑		
max. Earth dist.	-9552 Mar 29 j 23:08	26°♑59'19	1.73104 AU	
	-9552 Apr 01 j 09:35	0°♒		
superior conj	-9552 Apr 03 j 04:58	2°♒14'15	-0°45'54	
minimum elong	-9552 Apr 03 j 12:15	2°♒36'47	0°46'08	
asc. node	-9552 Apr 24 j 05:50	28°♒20'22		
	-9552 Apr 25 j 13:52	0°♓		
evening rise	-9552 May 08 j 17:45	16°♓23'32		
	-9552 May 19 j 15:37	0°♈		
	-9552 Jun 12 j 16:19	0°♉		
	-9552 Jul 06 j 17:51	0°♊		
	-9552 Jul 30 j 22:41	0°♋		
desc. node	-9552 Aug 15 j 02:14	18°♋37'27		
	-9552 Aug 24 j 09:49	0°♌		
	-9552 Sep 18 j 07:42	0°♍		
	-9552 Oct 14 j 02:00	0°♎		
	-9552 Nov 10 j 22:21	0°♏		
evening max el	-9552 Nov 11 j 09:01	0°♏26'40	45°52'33	
asc. node	-9552 Dec 05 j 00:43	21°♏18'40		
greatest brilliancy	-9552 Dec 19 j 14:03	29°♏40'58	-4.7m	
	-9552 Dec 20 j 09:59	0°♐		
retrograde	-9552 Dec 30 j 18:36	2°♐00'14		
	-9551 Jan 09 j 16:37	30°℞♏		
evening set	-9551 Jan 17 j 00:21	26°♏14'51		
inferior conj	-9551 Jan 21 j 05:19	23°♏36'34	7°50'17	
minimum elong	-9551 Jan 21 j 01:00	23°♏43'28	7°49'34	
min. Earth dist.	-9551 Jan 21 j 06:41	23°♏34'24	0.29588 AU	
morning rise	-9551 Jan 25 j 01:41	21°♏10'55		
direct	-9551 Feb 12 j 01:03	15°♏03'47		
greatest brilliancy	-9551 Feb 21 j 18:12	16°♏45'17	-4.7m	
	-9551 Mar 16 j 03:25	0°♐		
desc. node	-9551 Mar 28 j 01:36	10°♐11'42		
morning max el	-9551 Apr 02 j 00:59	14°♐50'29	46°03'03	
	-9551 Apr 17 j 03:44	0°♑		
	-9551 May 14 j 10:39	0°♒		
	-9551 Jun 08 j 23:46	0°♓		
	-9551 Jul 03 j 14:25	0°♈		
asc. node	-9551 Jul 17 j 19:46	17°♈40'10		
	-9551 Jul 27 j 16:12	0°♉		
	-9551 Aug 20 j 11:53	0°♊		
	-9551 Sep 13 j 06:53	0°♋		
morning set	-9551 Oct 02 j 23:03	24°♋41'38		
	-9551 Oct 07 j 04:53	0°♌		
	-9551 Oct 31 j 07:23	0°♍		
desc. node	-9551 Nov 07 j 13:33	8°♍59'19		
superior conj	-9551 Nov 14 j 02:59	17°♍05'59	-0°14'48	
minimum elong	-9551 Nov 13 j 23:19	16°♍54'39	0°14'26	
behind sun begin	-9551 Nov 13 j 11:24	16°♍17'51		
behind sun end	-9551 Nov 14 j 11:13	17°♍31'26		
max. Earth dist.	-9551 Nov 18 j 05:13	22°♍09'14	1.72757 AU	
	-9551 Nov 24 j 13:55	0°♎		
	-9551 Dec 18 j 23:02	0°♏		
evening rise	-9551 Dec 23 j 20:07	5°♏59'27		
	-9550 Jan 12 j 09:56	0°♐		
	-9550 Feb 05 j 23:16	0°♑		
asc. node	-9550 Feb 27 j 07:01	25°♑52'33		
	-9550 Mar 02 j 16:59	0°♒		
	-9550 Mar 27 j 17:34	0°♓		
	-9550 Apr 22 j 04:14	0°♈		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9550 May 18 j 07:45	0°♉	
	-9550 Jun 15 j 01:14	0°♊	
evening max el	-9550 Jun 19 j 16:47	4°♊42'11	47°28'24
desc. node	-9550 Jun 20 j 07:01	5°♊17'36	
	-9550 Jul 19 j 05:20	0°♋	
greatest brilliancy	-9550 Jul 31 j 06:59	6°♋06'13	-4.9m
retrograde	-9550 Aug 09 j 12:34	7°♋44'15	
evening set	-9550 Aug 26 j 21:16	1°♋52'06	
	-9550 Aug 29 j 22:49	30°℞♊	
inferior conj	-9550 Aug 30 j 04:49	29°♊50'46	-8°09'57
minimum elong	-9550 Aug 30 j 12:45	29°♊38'33	8°08'22
min. Earth dist.	-9550 Aug 29 j 19:17	0°♋05'28	0.26690 AU
morning rise	-9550 Sep 03 j 04:24	27°♊26'35	
direct	-9550 Sep 19 j 09:16	22°♊13'38	
greatest brilliancy	-9550 Sep 29 j 05:15	24°♊05'51	-4.9m
asc. node	-9550 Oct 10 j 05:54	29°♊47'24	
	-9550 Oct 10 j 13:39	0°♋	
morning max el	-9550 Nov 08 j 12:22	24°♋56'34	46°22'49
	-9550 Nov 13 j 12:01	0°♌	
	-9550 Dec 11 j 06:40	0°♍	
	-9549 Jan 06 j 16:21	0°♎	
desc. node	-9549 Jan 31 j 03:37	28°♎26'55	
	-9549 Feb 01 j 11:21	0°♏	
	-9549 Feb 26 j 19:23	0°♐	
	-9549 Mar 23 j 17:09	0°♑	
	-9549 Apr 17 j 05:33	0°♒	
morning set	-9549 May 05 j 08:38	22°♒27'00	
	-9549 May 11 j 10:10	0°♓	
asc. node	-9549 May 22 j 18:57	14°♓12'17	
	-9549 Jun 04 j 09:06	0°♈	
max. Earth dist.	-9549 Jun 07 j 18:31	4°♈15'53	1.71367 AU
superior conj	-9549 Jun 11 j 00:33	8°♈21'17	0°42'50
minimum elong	-9549 Jun 10 j 16:33	7°♈56'07	0°42'31
	-9549 Jun 28 j 04:43	0°♉	
evening rise	-9549 Jul 19 j 13:58	26°♉58'18	
	-9549 Jul 21 j 23:37	0°♊	
	-9549 Aug 14 j 20:19	0°♋	
	-9549 Sep 07 j 20:53	0°♌	
desc. node	-9549 Sep 12 j 14:06	5°♌51'36	
	-9549 Oct 02 j 02:49	0°♍	
	-9549 Oct 26 j 15:48	0°♎	
	-9549 Nov 20 j 15:44	0°♏	
	-9549 Dec 16 j 12:25	0°♐	
asc. node	-9548 Jan 02 j 11:02	18°♐40'02	
	-9548 Jan 13 j 07:57	0°♑	
evening max el	-9548 Jan 22 j 07:53	8°♑51'19	44°54'16
	-9548 Feb 17 j 08:10	0°♒	
greatest brilliancy	-9548 Feb 28 j 21:29	5°♒44'25	-4.7m
retrograde	-9548 Mar 10 j 05:00	7°♒36'38	
evening set	-9548 Mar 26 j 06:29	2°♒48'44	
	-9548 Mar 31 j 00:47	30°℞♑	
inferior conj	-9548 Mar 31 j 12:25	29°♑42'11	5°06'47
minimum elong	-9548 Mar 31 j 21:15	29°♑28'38	5°04'19
min. Earth dist.	-9548 Apr 01 j 18:02	28°♑56'48	0.28603 AU
morning rise	-9548 Apr 06 j 11:15	26°♑10'19	
direct	-9548 Apr 22 j 08:15	21°♑26'51	
desc. node	-9548 Apr 24 j 12:31	21°♑32'16	
greatest brilliancy	-9548 May 03 j 19:34	23°♑48'05	-4.8m
	-9548 May 15 j 08:35	0°♒	
morning max el	-9548 Jun 11 j 07:49	22°♒59'43	46°30'18
	-9548 Jun 18 j 05:15	0°♓	
	-9548 Jul 15 j 08:55	0°♈	
	-9548 Aug 09 j 15:12	0°♉	
asc. node	-9548 Aug 14 j 08:44	5°♉45'05	
	-9548 Sep 03 j 02:08	0°♊	
	-9548 Sep 27 j 06:03	0°♋	
	-9548 Oct 21 j 10:03	0°♌	
	-9548 Nov 14 j 17:28	0°♍	
desc. node	-9548 Dec 05 j 02:59	25°♍01'54	
	-9548 Dec 09 j 04:19	0°♎	
morning set	-9548 Dec 17 j 14:21	10°♎18'12	
	-9547 Jan 02 j 16:40	0°♏	
max. Earth dist.	-9547 Jan 23 j 07:17	25°♏14'27	1.73790 AU
superior conj	-9547 Jan 24 j 17:26	26°♏59'07	-1°20'07
minimum elong	-9547 Jan 24 j 14:41	26°♏50'40	1°20'32
	-9547 Jan 27 j 04:26	0°♐	
	-9547 Feb 20 j 14:45	0°♑	
evening rise	-9547 Mar 01 j 11:46	10°♑54'47	
	-9547 Mar 17 j 00:08	0°♒	
asc. node	-9547 Mar 26 j 19:10	12°♒02'38	
	-9547 Apr 10 j 09:42	0°♓	
	-9547 May 04 j 20:36	0°♈	
	-9547 May 29 j 10:09	0°♉	
	-9547 Jun 23 j 05:02	0°♊	
desc. node	-9547 Jul 17 j 17:27	29°♊08'38	
	-9547 Jul 18 j 10:59	0°♋	
	-9547 Aug 13 j 17:27	0°♌	
evening max el	-9547 Aug 30 j 15:12	18°♌02'14	47°33'13
	-9547 Sep 11 j 21:28	0°♍	
greatest brilliancy	-9547 Oct 10 j 05:54	19°♍58'11	-4.9m
retrograde	-9547 Oct 20 j 18:51	22°♍06'23	
evening set	-9547 Nov 04 j 14:13	17°♍36'29	
asc. node	-9547 Nov 06 j 16:28	16°♍22'05	
min. Earth dist.	-9547 Nov 09 j 23:46	14°♍16'41	0.27959 AU
inferior conj	-9547 Nov 10 j 18:17	13°♍46'49	0°58'37
minimum elong	-9547 Nov 10 j 16:15	13°♍50'06	0°58'14
morning rise	-9547 Nov 16 j 19:19	10°♍03'55	
direct	-9547 Dec 01 j 14:33	5°♍40'43	
greatest brilliancy	-9547 Dec 10 j 12:52	7°♍10'22	-4.8m
	-9546 Jan 13 j 04:50	0°♎	
morning max el	-9546 Jan 19 j 09:47	5°♎46'22	45°58'29
	-9546 Feb 12 j 06:58	0°♏	
desc. node	-9546 Feb 27 j 16:09	16°♏43'26	
	-9546 Mar 11 j 12:26	0°♐	
	-9546 Apr 06 j 10:32	0°♑	
	-9546 May 01 j 12:25	0°♒	
	-9546 May 25 j 23:54	0°♓	
asc. node	-9546 Jun 19 j 08:30	0°♈22'36	
	-9546 Jun 19 j 01:18	0°♈	
greatest brilliancy	-9546 Jul 04 j 20:21	19°♈53'05	-3.9m
	-9546 Jul 12 j 20:29	0°♉	
morning set	-9546 Jul 15 j 02:38	2°♉51'16	
	-9546 Aug 05 j 13:13	0°♊	
superior conj	-9546 Aug 24 j 18:47	24°♊18'59	1°19'39
minimum elong	-9546 Aug 25 j 01:19	24°♊39'35	1°20'08
	-9546 Aug 29 j 06:57	0°♋	
max. Earth dist.	-9546 Aug 30 j 03:42	1°♋05'21	1.70895 AU
	-9546 Sep 22 j 04:13	0°♌	
evening rise	-9546 Oct 07 j 01:24	18°♌34'10	
desc. node	-9546 Oct 10 j 02:34	22°♌21'44	
	-9546 Oct 16 j 06:06	0°♍	
	-9546 Nov 09 j 12:33	0°♎	
	-9546 Dec 03 j 23:32	0°♏	
	-9546 Dec 28 j 16:46	0°♐	
	-9545 Jan 22 j 20:39	0°♑	
asc. node	-9545 Jan 29 j 21:49	8°♑15'43	
	-9545 Feb 17 j 19:16	0°♒	
	-9545 Mar 17 j 04:42	0°♓	
evening max el	-9545 Apr 04 j 10:30	18°♓21'01	45°42'09
	-9545 Apr 17 j 08:40	0°♈	
greatest brilliancy	-9545 May 13 j 20:47	16°♈43'47	-4.8m

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

desc. node	-9545 May 22 j 22:59	18°♈27'20	
retrograde	-9545 May 23 j 16:07	18°♈27'56	
evening set	-9545 Jun 07 j 13:53	14°♈17'34	
inferior conj	-9545 Jun 13 j 13:18	10°♈53'55	-4°58'53
minimum elong	-9545 Jun 13 j 03:37	11°♈08'17	4°56'22
min. Earth dist.	-9545 Jun 13 j 14:54	10°♈51'33	0.26797 AU
morning rise	-9545 Jun 18 j 16:48	7°♈55'30	
direct	-9545 Jul 04 j 06:17	3°♈16'42	
greatest brilliancy	-9545 Jul 15 j 07:31	5°♈32'00	-4.9m
	-9545 Aug 17 j 10:30	0°♉	
morning max el	-9545 Aug 23 j 21:38	6°♉26'29	46°44'40
asc. node	-9545 Sep 11 j 20:55	26°♉51'45	
	-9545 Sep 14 j 15:52	0°♊	
	-9545 Oct 10 j 11:20	0°♋	
	-9545 Nov 04 j 13:28	0°♌	
	-9545 Nov 29 j 11:33	0°♍	
	-9545 Dec 24 j 09:20	0°♎	
desc. node	-9544 Jan 02 j 16:37	11°♎12'56	
	-9544 Jan 18 j 06:01	0°♏	
	-9544 Feb 11 j 23:28	0°♐	
morning set	-9544 Feb 25 j 18:48	16°♐50'56	
	-9544 Mar 07 j 12:17	0°♑	
max. Earth dist.	-9544 Mar 27 j 21:37	25°♑06'56	1.73155 AU
	-9544 Mar 31 j 20:25	0°♒	
superior conj	-9544 Apr 01 j 00:37	0°♒12'59	-0°48'17
minimum elong	-9544 Apr 01 j 08:05	0°♒36'06	0°48'32
asc. node	-9544 Apr 23 j 07:53	27°♒52'46	
	-9544 Apr 25 j 00:49	0°♓	
evening rise	-9544 May 06 j 12:22	14°♓17'37	
	-9544 May 19 j 02:45	0°♈	
	-9544 Jun 12 j 03:43	0°♉	
	-9544 Jul 06 j 05:35	0°♊	
	-9544 Jul 30 j 10:51	0°♋	
desc. node	-9544 Aug 14 j 04:31	18°♋06'10	
	-9544 Aug 23 j 22:36	0°♌	
	-9544 Sep 17 j 21:28	0°♍	
	-9544 Oct 13 j 17:47	0°♎	
evening max el	-9544 Nov 09 j 01:35	28°♎14'51	45°56'05
	-9544 Nov 10 j 19:57	0°♏	
asc. node	-9544 Dec 04 j 03:01	20°♏09'42	
greatest brilliancy	-9544 Dec 17 j 06:43	27°♏33'20	-4.7m
retrograde	-9544 Dec 28 j 12:55	29°♏54'07	
evening set	-9543 Jan 14 j 16:00	24°♏11'03	
inferior conj	-9543 Jan 18 j 22:50	21°♏29'46	7°45'45
minimum elong	-9543 Jan 18 j 17:58	21°♏37'33	7°44'58
min. Earth dist.	-9543 Jan 18 j 22:27	21°♏30'23	0.29569 AU
morning rise	-9543 Jan 22 j 20:02	19°♏02'54	
direct	-9543 Feb 09 j 18:21	12°♏57'19	
greatest brilliancy	-9543 Feb 19 j 09:08	14°♏37'18	-4.7m
	-9543 Mar 16 j 11:20	0°♐	
desc. node	-9543 Mar 27 j 03:44	9°♐21'15	
morning max el	-9543 Mar 30 j 18:30	12°♐44'55	46°02'20
	-9543 Apr 16 j 21:29	0°♑	
	-9543 May 14 j 00:58	0°♒	
	-9543 Jun 08 j 12:40	0°♓	
	-9543 Jul 03 j 02:36	0°♈	
asc. node	-9543 Jul 16 j 22:01	17°♈09'55	
	-9543 Jul 27 j 03:59	0°♉	
	-9543 Aug 19 j 23:28	0°♊	
	-9543 Sep 12 j 18:20	0°♋	
morning set	-9543 Sep 30 j 08:38	22°♋05'49	
	-9543 Oct 06 j 16:14	0°♌	
	-9543 Oct 30 j 18:39	0°♍	
desc. node	-9543 Nov 06 j 15:35	8°♍30'49	
superior conj	-9543 Nov 11 j 13:58	14°♍36'55	-0°11'10
minimum elong	-9543 Nov 11 j 11:10	14°♍28'17	0°10'48
behind sun begin	-9543 Nov 10 j 15:23	13°♍27'06	
behind sun end	-9543 Nov 12 j 06:58	15°♍29'28	
max. Earth dist.	-9543 Nov 15 j 21:00	19°♍55'12	1.72699 AU
	-9543 Nov 24 j 01:05	0°♎	
	-9543 Dec 18 j 10:11	0°♏	
evening rise	-9543 Dec 21 j 11:52	3°♏46'18	
	-9542 Jan 11 j 21:08	0°♐	
	-9542 Feb 05 j 10:40	0°♑	
asc. node	-9542 Feb 26 j 09:17	25°♑23'55	
	-9542 Mar 02 j 04:50	0°♒	
	-9542 Mar 27 j 06:13	0°♓	
	-9542 Apr 21 j 18:15	0°♈	
	-9542 May 18 j 00:19	0°♉	
	-9542 Jun 14 j 23:52	0°♊	
evening max el	-9542 Jun 17 j 07:35	2°♊19'48	47°25'38
desc. node	-9542 Jun 19 j 09:19	4°♊22'46	
	-9542 Jul 20 j 21:13	0°♋	
greatest brilliancy	-9542 Jul 28 j 19:11	3°♋35'09	-4.9m
retrograde	-9542 Aug 07 j 01:35	5°♋13'12	
	-9542 Aug 23 j 07:51	30°℞♊	
evening set	-9542 Aug 24 j 12:25	29°♊17'55	
inferior conj	-9542 Aug 27 j 17:15	27°♊20'39	-8°19'20
minimum elong	-9542 Aug 28 j 00:35	27°♊09'22	8°17'54
min. Earth dist.	-9542 Aug 27 j 07:21	27°♊35'54	0.26670 AU
morning rise	-9542 Aug 31 j 12:54	25°♊02'23	
direct	-9542 Sep 16 j 22:15	19°♊44'32	
greatest brilliancy	-9542 Sep 26 j 17:35	21°♊36'16	-4.9m
asc. node	-9542 Oct 09 j 08:00	28°♊21'06	
	-9542 Oct 11 j 16:18	0°♋	
morning max el	-9542 Nov 06 j 02:17	22°♋33'00	46°23'44
	-9542 Nov 13 j 09:10	0°♌	
	-9542 Dec 10 j 22:36	0°♍	
	-9541 Jan 06 j 06:05	0°♎	
desc. node	-9541 Jan 30 j 05:44	27°♎56'09	
	-9541 Jan 31 j 23:54	0°♏	
	-9541 Feb 26 j 07:14	0°♐	
	-9541 Mar 23 j 04:34	0°♑	
	-9541 Apr 16 j 16:43	0°♒	
morning set	-9541 May 03 j 03:09	20°♒20'51	
	-9541 May 10 j 21:15	0°♓	
asc. node	-9541 May 21 j 21:10	13°♓44'25	
	-9541 Jun 03 j 20:14	0°♈	
max. Earth dist.	-9541 Jun 05 j 04:19	1°♈40'45	1.71428 AU
superior conj	-9541 Jun 08 j 16:28	6°♈05'16	0°39'56
minimum elong	-9541 Jun 08 j 08:54	5°♈41'30	0°39'36
	-9541 Jun 27 j 16:00	0°♉	
evening rise	-9541 Jul 17 j 01:41	24°♉27'58	
	-9541 Jul 21 j 11:04	0°♊	
	-9541 Aug 14 j 07:55	0°♋	
	-9541 Sep 07 j 08:40	0°♌	
desc. node	-9541 Sep 11 j 16:10	5°♌21'18	
	-9541 Oct 01 j 14:51	0°♍	
	-9541 Oct 26 j 04:15	0°♎	
	-9541 Nov 20 j 05:00	0°♏	
	-9541 Dec 16 j 03:29	0°♐	
asc. node	-9540 Jan 01 j 13:21	17°♐59'56	
	-9540 Jan 13 j 03:59	0°♑	
evening max el	-9540 Jan 19 j 22:42	6°♑37'50	44°54'31
	-9540 Feb 18 j 16:21	0°♒	
greatest brilliancy	-9540 Feb 26 j 12:51	3°♒34'08	-4.7m
retrograde	-9540 Mar 07 j 19:38	5°♒26'16	
evening set	-9540 Mar 24 j 00:26	0°♒34'24	
	-9540 Mar 25 j 00:43	30°℞♑	
inferior conj	-9540 Mar 29 j 04:03	27°♑30'52	5°21'30
minimum elong	-9540 Mar 29 j 12:59	27°♑17'08	5°19'05

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

min. Earth dist.	-9540 Mar 30 j 09:59	26°♉44'53	0.28670 AU
morning rise	-9540 Apr 04 j 00:43	24°♉01'19	
direct	-9540 Apr 20 j 00:00	19°♉14'14	
desc. node	-9540 Apr 23 j 14:37	19°♉28'56	
greatest brilliancy	-9540 May 01 j 11:12	21°♉34'41	-4.8m
	-9540 May 16 j 05:49	0°♒	
morning max el	-9540 Jun 08 j 22:00	20°♒39'57	46°29'21
	-9540 Jun 18 j 01:12	0°♓	
	-9540 Jul 15 j 00:23	0°♈	
	-9540 Aug 09 j 04:55	0°♉	
asc. node	-9540 Aug 13 j 10:57	5°♉10'40	
	-9540 Sep 02 j 14:58	0°♊	
	-9540 Sep 26 j 18:21	0°♋	
	-9540 Oct 20 j 22:00	0°♌	
	-9540 Nov 14 j 05:07	0°♍	
desc. node	-9540 Dec 04 j 05:13	24°♍33'39	
	-9540 Dec 08 j 15:44	0°♎	
morning set	-9540 Dec 15 j 04:20	7°♎59'28	
	-9539 Jan 02 j 03:54	0°♏	
max. Earth dist.	-9539 Jan 21 j 03:06	23°♏13'55	1.73781 AU
superior conj	-9539 Jan 22 j 11:12	24°♏52'20	-1°19'34
minimum elong	-9539 Jan 22 j 07:49	24°♏41'57	1°19'58
	-9539 Jan 26 j 15:34	0°♐	
	-9539 Feb 20 j 01:54	0°♑	
evening rise	-9539 Feb 27 j 07:10	8°♑52'27	
greatest brilliancy	-9539 Feb 27 j 14:13	9°♑14'07	-3.9m
	-9539 Mar 16 j 11:25	0°♒	
asc. node	-9539 Mar 25 j 21:15	11°♒34'02	
	-9539 Apr 09 j 21:17	0°♓	
	-9539 May 04 j 08:37	0°♈	
	-9539 May 28 j 22:48	0°♉	
	-9539 Jun 22 j 18:36	0°♊	
desc. node	-9539 Jul 16 j 19:39	28°♊31'08	
	-9539 Jul 18 j 02:06	0°♋	
	-9539 Aug 13 j 11:47	0°♌	
evening max el	-9539 Aug 28 j 05:40	15°♌39'22	47°35'16
	-9539 Sep 12 j 02:41	0°♍	
greatest brilliancy	-9539 Oct 07 j 23:53	17°♍41'06	-4.9m
retrograde	-9539 Oct 18 j 10:20	19°♍47'26	
evening set	-9539 Nov 02 j 06:15	15°♍17'22	
asc. node	-9539 Nov 05 j 18:48	13°♍09'51	
min. Earth dist.	-9539 Nov 07 j 16:07	11°♍57'30	0.27894 AU
inferior conj	-9539 Nov 08 j 09:58	11°♍28'45	0°37'58
minimum elong	-9539 Nov 08 j 08:38	11°♍30'54	0°37'49
morning rise	-9539 Nov 14 j 11:55	7°♍44'31	
direct	-9539 Nov 29 j 04:44	3°♍23'37	
greatest brilliancy	-9539 Dec 08 j 04:54	4°♍54'39	-4.8m
	-9538 Jan 13 j 06:29	0°♎	
morning max el	-9538 Jan 17 j 00:29	3°♎31'32	45°58'59
	-9538 Feb 11 j 23:52	0°♏	
desc. node	-9538 Feb 26 j 18:17	16°♏07'41	
	-9538 Mar 11 j 02:27	0°♐	
	-9538 Apr 05 j 23:14	0°♑	
	-9538 May 01 j 00:26	0°♒	
	-9538 May 25 j 11:33	0°♓	
asc. node	-9538 Jun 18 j 10:45	29°♓53'40	
	-9538 Jun 18 j 12:46	0°♈	
greatest brilliancy	-9538 Jul 04 j 06:04	19°♈47'49	-3.9m
	-9538 Jul 12 j 07:52	0°♉	
morning set	-9538 Jul 12 j 15:21	0°♉23'40	
	-9538 Aug 05 j 00:35	0°♊	
superior conj	-9538 Aug 22 j 04:16	21°♊41'28	1°20'42
minimum elong	-9538 Aug 22 j 09:50	21°♊59'00	1°21'11
max. Earth dist.	-9538 Aug 27 j 04:20	28°♊00'10	1.70863 AU
	-9538 Aug 28 j 18:21	0°♋	
	-9538 Sep 21 j 15:40	0°♌	
evening rise	-9538 Oct 04 j 09:25	15°♌54'02	
desc. node	-9538 Oct 09 j 04:39	21°♌52'29	
	-9538 Oct 15 j 17:37	0°♍	
	-9538 Nov 09 j 00:07	0°♎	
	-9538 Dec 03 j 11:17	0°♏	
	-9538 Dec 28 j 04:54	0°♐	
	-9537 Jan 22 j 09:39	0°♑	
asc. node	-9537 Jan 29 j 00:03	7°♑43'19	
	-9537 Feb 17 j 10:03	0°♒	
	-9537 Mar 16 j 23:34	0°♓	
evening max el	-9537 Apr 02 j 00:05	16°♓01'02	45°39'01
	-9537 Apr 17 j 18:53	0°♈	
greatest brilliancy	-9537 May 11 j 07:29	14°♈16'38	-4.8m
retrograde	-9537 May 21 j 04:33	16°♈02'01	
desc. node	-9537 May 22 j 01:23	16°♈01'09	
evening set	-9537 Jun 04 j 23:37	11°♈54'21	
inferior conj	-9537 Jun 11 j 01:25	8°♈27'43	-4°38'51
minimum elong	-9537 Jun 10 j 16:08	8°♈41'28	4°36'24
min. Earth dist.	-9537 Jun 11 j 04:00	8°♈23'55	0.26831 AU
morning rise	-9537 Jun 16 j 08:08	5°♈25'19	
direct	-9537 Jul 01 j 19:37	0°♈49'36	
greatest brilliancy	-9537 Jul 12 j 21:39	3°♈06'10	-4.9m
	-9537 Aug 17 j 11:57	0°♉	
morning max el	-9537 Aug 21 j 11:37	4°♉00'39	46°44'58
asc. node	-9537 Sep 10 j 23:02	26°♉07'32	
	-9537 Sep 14 j 09:13	0°♊	
	-9537 Oct 10 j 01:56	0°♋	
	-9537 Nov 04 j 02:45	0°♌	
	-9537 Nov 29 j 00:01	0°♍	
	-9537 Dec 23 j 21:15	0°♎	
desc. node	-9536 Jan 01 j 18:43	10°♎43'49	
	-9536 Jan 17 j 17:32	0°♏	
	-9536 Feb 11 j 10:42	0°♐	
morning set	-9536 Feb 23 j 13:30	14°♐47'17	
	-9536 Mar 06 j 23:21	0°♑	
max. Earth dist.	-9536 Mar 25 j 19:52	23°♑13'15	1.73201 AU
superior conj	-9536 Mar 29 j 19:57	28°♑10'09	-0°50'38
minimum elong	-9536 Mar 30 j 03:34	28°♑33'42	0°50'53
	-9536 Mar 31 j 07:28	0°♒	
asc. node	-9536 Apr 22 j 10:05	27°♒24'54	
	-9536 Apr 24 j 11:59	0°♓	
evening rise	-9536 May 04 j 06:51	12°♓10'41	
	-9536 May 18 j 14:07	0°♈	
	-9536 Jun 11 j 15:21	0°♉	
	-9536 Jul 05 j 17:33	0°♊	
	-9536 Jul 29 j 23:14	0°♋	
desc. node	-9536 Aug 13 j 06:38	17°♋33'59	
	-9536 Aug 23 j 11:32	0°♌	
	-9536 Sep 17 j 11:22	0°♍	
	-9536 Oct 13 j 09:47	0°♎	
evening max el	-9536 Nov 06 j 18:35	26°♎03'55	45°59'28
	-9536 Nov 10 j 18:26	0°♏	
asc. node	-9536 Dec 03 j 05:20	18°♏58'31	
greatest brilliancy	-9536 Dec 14 j 23:47	25°♏25'45	-4.7m
retrograde	-9536 Dec 26 j 07:01	27°♏47'18	
evening set	-9535 Jan 12 j 07:33	22°♏07'01	
inferior conj	-9535 Jan 16 j 16:21	19°♏22'25	7°40'31
minimum elong	-9535 Jan 16 j 10:59	19°♏31'01	7°39'39
min. Earth dist.	-9535 Jan 16 j 14:15	19°♏25'46	0.29548 AU
morning rise	-9535 Jan 20 j 14:34	16°♏53'55	
direct	-9535 Feb 07 j 11:54	10°♏50'27	
greatest brilliancy	-9535 Feb 16 j 23:56	12°♏28'33	-4.7m
	-9535 Mar 16 j 17:14	0°♐	
desc. node	-9535 Mar 26 j 05:52	8°♐31'08	
morning max el	-9535 Mar 28 j 11:29	10°♐37'39	46°01'33

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9535 Apr 16 j 15:01	0°♉	
	-9535 May 13 j 15:16	0°♒	
	-9535 Jun 08 j 01:35	0°♓	
	-9535 Jul 02 j 14:49	0°♈	
asc. node	-9535 Jul 16 j 00:05	16°♈38'55	
	-9535 Jul 26 j 15:50	0°♉	
	-9535 Aug 19 j 11:06	0°♊	
	-9535 Sep 12 j 05:49	0°♋	
morning set	-9535 Sep 27 j 18:32	19°♋30'52	
	-9535 Oct 06 j 03:34	0°♌	
	-9535 Oct 30 j 05:51	0°♍	
desc. node	-9535 Nov 05 j 17:50	8°♍03'10	
superior conj	-9535 Nov 09 j 01:08	12°♍08'32	-0°07'30
minimum elong	-9535 Nov 08 j 23:15	12°♍02'43	0°07'11
behind sun begin	-9535 Nov 07 j 23:21	10°♍48'46	
behind sun end	-9535 Nov 09 j 23:10	13°♍16'39	
max. Earth dist.	-9535 Nov 13 j 15:36	17°♍49'58	1.72637 AU
	-9535 Nov 23 j 12:11	0°♎	
	-9535 Dec 17 j 21:15	0°♏	
evening rise	-9535 Dec 19 j 03:44	1°♏33'38	
	-9534 Jan 11 j 08:17	0°♐	
	-9534 Feb 04 j 22:04	0°♑	
asc. node	-9534 Feb 25 j 11:22	24°♑54'42	
	-9534 Mar 01 j 16:42	0°♒	
	-9534 Mar 26 j 18:56	0°♓	
	-9534 Apr 21 j 08:26	0°♈	
	-9534 May 17 j 17:12	0°♉	
	-9534 Jun 14 j 23:26	0°♊	
evening max el	-9534 Jun 14 j 21:43	29°♉55'44	47°22'40
desc. node	-9534 Jun 18 j 11:30	3°♊26'31	
	-9534 Jul 23 j 11:56	0°♋	
greatest brilliancy	-9534 Jul 26 j 07:46	1°♋04'32	-4.9m
retrograde	-9534 Aug 04 j 13:59	2°♋41'52	
	-9534 Aug 16 j 01:40	30°℞♊	
evening set	-9534 Aug 22 j 03:19	26°♊44'02	
inferior conj	-9534 Aug 25 j 05:37	24°♊50'33	-8°27'46
minimum elong	-9534 Aug 25 j 12:16	24°♊40'19	8°26'31
min. Earth dist.	-9534 Aug 24 j 19:43	25°♊05'49	0.26649 AU
morning rise	-9534 Aug 28 j 21:23	22°♊37'57	
direct	-9534 Sep 14 j 10:48	17°♊15'23	
greatest brilliancy	-9534 Sep 24 j 06:22	19°♊07'04	-4.9m
asc. node	-9534 Oct 08 j 10:18	26°♊58'05	
	-9534 Oct 12 j 11:49	0°♋	
morning max el	-9534 Nov 03 j 15:14	20°♋07'06	46°24'52
	-9534 Nov 13 j 05:29	0°♌	
	-9534 Dec 10 j 14:05	0°♍	
	-9533 Jan 05 j 19:29	0°♎	
desc. node	-9533 Jan 29 j 07:49	27°♎25'58	
	-9533 Jan 31 j 12:11	0°♏	
	-9533 Feb 25 j 18:51	0°♐	
	-9533 Mar 22 j 15:49	0°♑	
	-9533 Apr 16 j 03:46	0°♒	
morning set	-9533 Apr 30 j 21:38	18°♒15'00	
	-9533 May 10 j 08:14	0°♓	
asc. node	-9533 May 20 j 23:24	13°♓16'58	
max. Earth dist.	-9533 Jun 02 j 16:11	29°♓12'38	1.71490 AU
	-9533 Jun 03 j 07:16	0°♈	
superior conj	-9533 Jun 06 j 08:26	3°♈49'55	0°36'59
minimum elong	-9533 Jun 06 j 01:21	3°♈27'38	0°36'38
	-9533 Jun 27 j 03:09	0°♉	
evening rise	-9533 Jul 14 j 13:39	21°♉58'59	
	-9533 Jul 20 j 22:22	0°♊	
	-9533 Aug 13 j 19:23	0°♋	
	-9533 Sep 06 j 20:19	0°♌	
desc. node	-9533 Sep 10 j 18:18	4°♌51'43	
	-9533 Oct 01 j 02:44	0°♍	
	-9533 Oct 25 j 16:33	0°♎	
	-9533 Nov 19 j 18:05	0°♏	
	-9533 Dec 15 j 18:23	0°♐	
asc. node	-9533 Dec 31 j 15:33	17°♐20'10	
	-9532 Jan 13 j 00:11	0°♑	
evening max el	-9532 Jan 17 j 12:54	4°♑24'02	44°54'56
	-9532 Feb 20 j 15:00	0°♒	
greatest brilliancy	-9532 Feb 24 j 03:56	1°♒24'59	-4.7m
retrograde	-9532 Mar 05 j 10:49	3°♒17'49	
	-9532 Mar 18 j 15:14	30°℞♑	
evening set	-9532 Mar 21 j 18:37	28°♑21'33	
inferior conj	-9532 Mar 26 j 19:56	25°♑21'09	5°35'34
minimum elong	-9532 Mar 27 j 04:56	25°♑07'19	5°33'11
min. Earth dist.	-9532 Mar 28 j 02:09	24°♑34'43	0.28743 AU
morning rise	-9532 Apr 01 j 14:25	21°♑54'15	
direct	-9532 Apr 17 j 15:53	17°♑03'02	
desc. node	-9532 Apr 22 j 16:59	17°♑31'27	
greatest brilliancy	-9532 Apr 29 j 03:36	19°♑23'30	-4.8m
	-9532 May 16 j 21:15	0°♒	
morning max el	-9532 Jun 06 j 12:54	18°♒22'43	46°28'23
	-9532 Jun 17 j 20:24	0°♓	
	-9532 Jul 14 j 15:28	0°♈	
	-9532 Aug 08 j 18:18	0°♉	
asc. node	-9532 Aug 12 j 13:05	4°♉36'50	
	-9532 Sep 02 j 03:29	0°♊	
	-9532 Sep 26 j 06:21	0°♋	
	-9532 Oct 20 j 09:38	0°♌	
	-9532 Nov 13 j 16:29	0°♍	
desc. node	-9532 Dec 03 j 07:17	24°♍05'48	
	-9532 Dec 08 j 02:51	0°♎	
morning set	-9532 Dec 12 j 18:21	5°♎41'35	
	-9531 Jan 01 j 14:49	0°♏	
max. Earth dist.	-9531 Jan 18 j 22:55	21°♏14'32	1.73769 AU
superior conj	-9531 Jan 20 j 05:12	22°♏47'19	-1°18'55
minimum elong	-9531 Jan 20 j 01:12	22°♏35'05	1°19'18
	-9531 Jan 26 j 02:21	0°♐	
	-9531 Feb 19 j 12:40	0°♑	
evening rise	-9531 Feb 25 j 02:54	6°♑52'25	
greatest brilliancy	-9531 Feb 26 j 01:58	8°♑03'19	-3.9m
	-9531 Mar 15 j 22:21	0°♒	
asc. node	-9531 Mar 24 j 23:31	11°♒07'09	
	-9531 Apr 09 j 08:33	0°♓	
	-9531 May 03 j 20:23	0°♈	
	-9531 May 28 j 11:14	0°♉	
	-9531 Jun 22 j 08:01	0°♊	
desc. node	-9531 Jul 15 j 21:48	27°♊53'53	
	-9531 Jul 17 j 17:08	0°♋	
	-9531 Aug 13 j 06:15	0°♌	
evening max el	-9531 Aug 25 j 20:13	13°♌17'36	47°37'23
	-9531 Sep 12 j 09:35	0°♍	
greatest brilliancy	-9531 Oct 05 j 17:16	15°♍24'01	-4.9m
retrograde	-9531 Oct 16 j 02:04	17°♍29'20	
evening set	-9531 Oct 30 j 22:24	12°♍58'35	
asc. node	-9531 Nov 04 j 21:08	9°♍56'58	
min. Earth dist.	-9531 Nov 05 j 08:12	9°♍39'14	0.27830 AU
inferior conj	-9531 Nov 06 j 01:34	9°♍11'19	0°17'10
minimum elong	-9531 Nov 06 j 00:58	9°♍12'18	0°17'15
morning rise	-9531 Nov 12 j 04:22	5°♍26'12	
direct	-9531 Nov 26 j 19:01	1°♍07'04	
greatest brilliancy	-9531 Dec 05 j 20:44	2°♍39'34	-4.8m
	-9530 Jan 13 j 06:26	0°♎	
morning max el	-9530 Jan 14 j 16:11	1°♎20'05	45°59'39
	-9530 Feb 11 j 16:00	0°♏	
desc. node	-9530 Feb 25 j 20:24	15°♏33'24	
	-9530 Mar 10 j 15:54	0°♐	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9530 Apr 05 j 11:25	0°♉	
	-9530 Apr 30 j 11:58	0°♒	
	-9530 May 24 j 22:47	0°♓	
asc. node	-9530 Jun 17 j 12:49	29°♓25'14	
	-9530 Jun 17 j 23:53	0°♈	
greatest brilliancy	-9530 Jul 03 j 15:28	19°♈42'27	-3.9m
morning set	-9530 Jul 10 j 04:06	27°♈57'07	
	-9530 Jul 11 j 18:59	0°♉	
	-9530 Aug 04 j 11:43	0°♊	
superior conj	-9530 Aug 19 j 13:31	19°♊03'54	1°21'35
minimum elong	-9530 Aug 19 j 18:02	19°♊18'09	1°22'05
max. Earth dist.	-9530 Aug 24 j 06:49	25°♊01'29	1.70834 AU
	-9530 Aug 28 j 05:30	0°♋	
	-9530 Sep 21 j 02:51	0°♌	
evening rise	-9530 Oct 01 j 17:02	13°♌13'28	
desc. node	-9530 Oct 08 j 06:54	21°♌24'44	
	-9530 Oct 15 j 04:50	0°♍	
	-9530 Nov 08 j 11:24	0°♎	
	-9530 Dec 02 j 22:44	0°♏	
	-9530 Dec 27 j 16:45	0°♐	
	-9529 Jan 21 j 22:21	0°♑	
asc. node	-9529 Jan 28 j 02:15	7°♑11'51	
	-9529 Feb 17 j 00:32	0°♒	
	-9529 Mar 16 j 18:20	0°♓	
evening max el	-9529 Mar 30 j 14:34	13°♓45'04	45°36'01
	-9529 Apr 18 j 07:29	0°♈	
greatest brilliancy	-9529 May 08 j 18:13	11°♈51'52	-4.8m
retrograde	-9529 May 18 j 17:13	13°♈38'19	
desc. node	-9529 May 21 j 03:28	13°♈31'27	
evening set	-9529 Jun 02 j 09:57	9°♈33'15	
inferior conj	-9529 Jun 08 j 13:47	6°♈03'40	-4°18'26
minimum elong	-9529 Jun 08 j 04:59	6°♈16'42	4°16'05
min. Earth dist.	-9529 Jun 08 j 17:06	5°♈58'46	0.26872 AU
morning rise	-9529 Jun 13 j 23:33	2°♈57'19	
	-9529 Jun 20 j 11:56	30°℞♓	
direct	-9529 Jun 29 j 09:36	28°♓24'45	
	-9529 Jul 08 j 13:46	0°♈	
greatest brilliancy	-9529 Jul 10 j 11:31	0°♈41'33	-4.9m
	-9529 Aug 17 j 11:54	0°♉	
morning max el	-9529 Aug 19 j 01:43	1°♉35'56	46°44'55
asc. node	-9529 Sep 10 j 01:19	25°♉24'49	
	-9529 Sep 14 j 02:03	0°♊	
	-9529 Oct 09 j 16:14	0°♋	
	-9529 Nov 03 j 15:44	0°♌	
	-9529 Nov 28 j 12:12	0°♍	
	-9529 Dec 23 j 08:51	0°♎	
desc. node	-9529 Dec 31 j 20:45	10°♎15'24	
	-9528 Jan 17 j 04:43	0°♏	
	-9528 Feb 10 j 21:37	0°♐	
morning set	-9528 Feb 21 j 08:20	12°♐44'59	
	-9528 Mar 06 j 10:08	0°♑	
max. Earth dist.	-9528 Mar 23 j 16:59	21°♑17'06	1.73240 AU
superior conj	-9528 Mar 27 j 15:41	26°♑09'33	-0°52'54
minimum elong	-9528 Mar 27 j 23:24	26°♑33'24	0°53'09
	-9528 Mar 30 j 18:14	0°♒	
asc. node	-9528 Apr 21 j 12:22	26°♒58'27	
	-9528 Apr 23 j 22:49	0°♓	
evening rise	-9528 May 02 j 01:49	10°♓06'27	
	-9528 May 18 j 01:08	0°♈	
	-9528 Jun 11 j 02:38	0°♉	
	-9528 Jul 05 j 05:14	0°♊	
	-9528 Jul 29 j 11:24	0°♋	
desc. node	-9528 Aug 12 j 08:49	17°♋02'27	
	-9528 Aug 23 j 00:21	0°♌	
	-9528 Sep 17 j 01:16	0°♍	
	-9528 Oct 13 j 01:58	0°♎	
evening max el	-9528 Nov 04 j 11:13	23°♎52'04	46°02'58
	-9528 Nov 10 j 17:47	0°♏	
asc. node	-9528 Dec 02 j 07:29	17°♏45'09	
greatest brilliancy	-9528 Dec 12 j 17:29	23°♏18'59	-4.8m
retrograde	-9528 Dec 24 j 00:40	25°♏40'25	
evening set	-9527 Jan 09 j 22:56	20°♏03'23	
inferior conj	-9527 Jan 14 j 09:47	17°♏15'14	7°34'41
minimum elong	-9527 Jan 14 j 03:56	17°♏24'38	7°33'44
min. Earth dist.	-9527 Jan 14 j 06:12	17°♏21'00	0.29520 AU
morning rise	-9527 Jan 18 j 09:08	14°♏44'46	
direct	-9527 Feb 05 j 05:16	8°♏43'53	
greatest brilliancy	-9527 Feb 14 j 14:45	10°♏20'01	-4.7m
	-9527 Mar 16 j 21:02	0°♐	
desc. node	-9527 Mar 25 j 08:11	7°♐42'50	
morning max el	-9527 Mar 26 j 03:36	8°♐28'54	46°00'56
	-9527 Apr 16 j 07:58	0°♑	
	-9527 May 13 j 05:10	0°♒	
	-9527 Jun 07 j 14:10	0°♓	
	-9527 Jul 02 j 02:43	0°♈	
asc. node	-9527 Jul 15 j 02:17	16°♈09'13	
	-9527 Jul 26 j 03:23	0°♉	
	-9527 Aug 18 j 22:30	0°♊	
	-9527 Sep 11 j 17:08	0°♋	
morning set	-9527 Sep 25 j 04:05	16°♋55'02	
	-9527 Oct 05 j 14:49	0°♌	
	-9527 Oct 29 j 17:00	0°♍	
desc. node	-9527 Nov 04 j 19:55	7°♍35'05	
superior conj	-9527 Nov 06 j 11:32	9°♍37'44	-0°03'47
minimum elong	-9527 Nov 06 j 10:37	9°♍34'55	0°03'28
behind sun begin	-9527 Nov 05 j 08:37	8°♍14'25	
behind sun end	-9527 Nov 07 j 12:38	10°♍55'25	
max. Earth dist.	-9527 Nov 11 j 09:30	15°♍42'35	1.72574 AU
	-9527 Nov 22 j 23:16	0°♎	
evening rise	-9527 Dec 16 j 18:48	29°♎18'29	
	-9527 Dec 17 j 08:18	0°♏	
	-9526 Jan 10 j 19:25	0°♐	
	-9526 Feb 04 j 09:26	0°♑	
asc. node	-9526 Feb 24 j 13:41	24°♑26'16	
	-9526 Mar 01 j 04:34	0°♒	
	-9526 Mar 26 j 07:40	0°♓	
	-9526 Apr 20 j 22:39	0°♈	
	-9526 May 17 j 10:13	0°♉	
evening max el	-9526 Jun 12 j 10:56	27°♉30'10	47°19'44
	-9526 Jun 14 j 23:45	0°♊	
desc. node	-9526 Jun 17 j 13:41	2°♊29'48	
greatest brilliancy	-9526 Jul 23 j 20:49	28°♊35'36	-4.9m
	-9526 Jul 29 j 21:48	0°♋	
retrograde	-9526 Aug 02 j 01:55	0°♋11'55	
	-9526 Aug 05 j 04:57	30°℞♊	
evening set	-9526 Aug 19 j 18:04	24°♊12'00	
inferior conj	-9526 Aug 22 j 18:13	22°♊21'51	-8°35'00
minimum elong	-9526 Aug 23 j 00:06	22°♊12'46	8°33'55
min. Earth dist.	-9526 Aug 22 j 08:29	22°♊36'50	0.26634 AU
morning rise	-9526 Aug 26 j 06:17	20°♊14'36	
direct	-9526 Sep 11 j 23:10	14°♊47'20	
greatest brilliancy	-9526 Sep 21 j 19:54	16°♊39'36	-4.9m
asc. node	-9526 Oct 07 j 12:38	25°♊38'25	
	-9526 Oct 13 j 02:08	0°♋	
morning max el	-9526 Nov 01 j 03:31	17°♋39'24	46°25'44
	-9526 Nov 13 j 01:11	0°♌	
	-9526 Dec 10 j 05:26	0°♍	
	-9525 Jan 05 j 08:54	0°♎	
desc. node	-9525 Jan 28 j 10:01	26°♎55'56	
	-9525 Jan 31 j 00:31	0°♏	
	-9525 Feb 25 j 06:31	0°♐	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9525 Mar 22 j 03:05	0°♉	
	-9525 Apr 15 j 14:50	0°♒	
morning set	-9525 Apr 28 j 16:05	16°♒09'01	
	-9525 May 09 j 19:15	0°♓	
asc. node	-9525 May 20 j 01:27	12°♓48'50	
max. Earth dist.	-9525 May 31 j 06:12	26°♓51'13	1.71549 AU
	-9525 Jun 02 j 18:20	0°♈	
superior conj	-9525 Jun 04 j 00:39	1°♈35'15	0°33'58
minimum elong	-9525 Jun 03 j 18:04	1°♈14'33	0°33'38
	-9525 Jun 26 j 14:19	0°♉	
evening rise	-9525 Jul 12 j 02:14	19°♉32'02	
	-9525 Jul 20 j 09:39	0°♊	
	-9525 Aug 13 j 06:49	0°♋	
	-9525 Sep 06 j 07:55	0°♌	
desc. node	-9525 Sep 09 j 20:35	4°♌22'41	
	-9525 Sep 30 j 14:38	0°♍	
	-9525 Oct 25 j 04:56	0°♎	
	-9525 Nov 19 j 07:22	0°♏	
	-9525 Dec 15 j 09:42	0°♐	
asc. node	-9525 Dec 30 j 17:49	16°♐39'19	
	-9524 Jan 12 j 21:25	0°♑	
evening max el	-9524 Jan 15 j 03:05	2°♑09'23	44°55'32
greatest brilliancy	-9524 Feb 21 j 18:22	29°♑14'12	-4.7m
	-9524 Feb 24 j 04:18	0°♒	
retrograde	-9524 Mar 03 j 02:25	1°♒08'25	
	-9524 Mar 10 j 18:20	30°℞♑	
evening set	-9524 Mar 19 j 12:38	26°♑07'36	
inferior conj	-9524 Mar 24 j 11:40	23°♑10'22	5°49'01
minimum elong	-9524 Mar 24 j 20:40	22°♑56'30	5°46'43
min. Earth dist.	-9524 Mar 25 j 17:50	22°♑23'58	0.28813 AU
morning rise	-9524 Mar 30 j 03:54	19°♑46'30	
direct	-9524 Apr 15 j 07:44	14°♑50'46	
desc. node	-9524 Apr 21 j 19:06	15°♑37'08	
greatest brilliancy	-9524 Apr 26 j 19:38	17°♑11'19	-4.8m
	-9524 May 17 j 09:10	0°♒	
morning max el	-9524 Jun 04 j 04:31	16°♒06'55	46°27'29
	-9524 Jun 17 j 15:17	0°♓	
	-9524 Jul 14 j 06:30	0°♈	
	-9524 Aug 08 j 07:44	0°♉	
asc. node	-9524 Aug 11 j 15:18	4°♉03'05	
	-9524 Sep 01 j 16:03	0°♊	
	-9524 Sep 25 j 18:23	0°♋	
	-9524 Oct 19 j 21:19	0°♌	
	-9524 Nov 13 j 03:55	0°♍	
desc. node	-9524 Dec 02 j 09:19	23°♍37'28	
	-9524 Dec 07 j 14:05	0°♎	
morning set	-9524 Dec 10 j 08:08	3°♎22'26	
	-9523 Jan 01 j 01:54	0°♏	
max. Earth dist.	-9523 Jan 16 j 18:31	19°♏13'43	1.73762 AU
superior conj	-9523 Jan 17 j 22:48	20°♏40'23	-1°18'09
minimum elong	-9523 Jan 17 j 18:13	20°♏26'20	1°18'30
	-9523 Jan 25 j 13:21	0°♐	
	-9523 Feb 18 j 23:42	0°♑	
evening rise	-9523 Feb 22 j 22:15	4°♑50'24	
greatest brilliancy	-9523 Feb 24 j 16:44	7°♑00'55	-3.9m
	-9523 Mar 15 j 09:33	0°♒	
asc. node	-9523 Mar 24 j 01:45	10°♒39'18	
	-9523 Apr 08 j 20:05	0°♓	
	-9523 May 03 j 08:25	0°♈	
	-9523 May 27 j 23:59	0°♉	
	-9523 Jun 21 j 21:47	0°♊	
desc. node	-9523 Jul 15 j 00:04	27°♊15'56	
	-9523 Jul 17 j 08:36	0°♋	
	-9523 Aug 13 j 01:24	0°♌	
evening max el	-9523 Aug 23 j 11:42	10°♌57'41	47°39'33
	-9523 Sep 12 j 19:14	0°♍	
greatest brilliancy	-9523 Oct 03 j 10:08	13°♍05'54	-4.9m
retrograde	-9523 Oct 13 j 18:23	15°♍10'54	
evening set	-9523 Oct 28 j 14:45	10°♍39'09	
min. Earth dist.	-9523 Nov 02 j 23:57	7°♍21'01	0.27766 AU
inferior conj	-9523 Nov 03 j 17:12	6°♍53'22	-0°03'39
minimum elong	-9523 Nov 03 j 17:19	6°♍53'11	0°03'20
transit middle	-9523 Nov 03 j 17:19	6°♍53'11	0°03'20
transit begin	-9523 Nov 03 j 13:24	6°♍59'28	
transit end	-9523 Nov 03 j 21:15	6°♍46'53	
asc. node	-9523 Nov 03 j 23:14	6°♍43'42	
morning rise	-9523 Nov 09 j 20:45	3°♍07'48	
	-9523 Nov 16 j 22:13	30°℞♌	
direct	-9523 Nov 24 j 09:46	28°♌50'06	
	-9523 Dec 02 j 05:27	0°♍	
greatest brilliancy	-9523 Dec 03 j 12:06	0°♍23'35	-4.8m
morning max el	-9522 Jan 12 j 08:30	29°♍09'32	46°00'06
	-9522 Jan 13 j 05:34	0°♎	
	-9522 Feb 11 j 08:09	0°♏	
desc. node	-9522 Feb 24 j 22:38	14°♏58'45	
	-9522 Mar 10 j 05:35	0°♐	
	-9522 Apr 04 j 23:55	0°♑	
	-9522 Apr 29 j 23:51	0°♒	
	-9522 May 24 j 10:21	0°♓	
asc. node	-9522 Jun 16 j 15:00	28°♓56'16	
	-9522 Jun 17 j 11:18	0°♈	
greatest brilliancy	-9522 Jul 02 j 20:11	19°♈21'27	-3.9m
morning set	-9522 Jul 07 j 16:58	25°♈30'11	
	-9522 Jul 11 j 06:20	0°♉	
	-9522 Aug 03 j 23:06	0°♊	
superior conj	-9522 Aug 16 j 22:56	16°♊25'56	1°22'16
minimum elong	-9522 Aug 17 j 02:24	16°♊36'52	1°22'47
max. Earth dist.	-9522 Aug 21 j 11:17	22°♊08'03	1.70806 AU
	-9522 Aug 27 j 16:56	0°♋	
	-9522 Sep 20 j 14:19	0°♌	
evening rise	-9522 Sep 29 j 00:40	10°♌31'55	
desc. node	-9522 Oct 07 j 08:57	20°♌55'28	
	-9522 Oct 14 j 16:19	0°♍	
	-9522 Nov 07 j 22:55	0°♎	
	-9522 Dec 02 j 10:25	0°♏	
	-9522 Dec 27 j 04:54	0°♐	
	-9521 Jan 21 j 11:27	0°♑	
asc. node	-9521 Jan 27 j 04:34	6°♑39'38	
	-9521 Feb 16 j 15:36	0°♒	
	-9521 Mar 16 j 14:09	0°♓	
evening max el	-9521 Mar 28 j 05:18	11°♓28'27	45°32'53
	-9521 Apr 19 j 01:07	0°♈	
greatest brilliancy	-9521 May 06 j 05:36	9°♈26'34	-4.8m
retrograde	-9521 May 16 j 05:30	11°♈13'05	
desc. node	-9521 May 20 j 05:39	10°♈54'24	
evening set	-9521 May 30 j 20:28	7°♈10'44	
inferior conj	-9521 Jun 06 j 02:05	3°♈38'26	-3°57'36
minimum elong	-9521 Jun 05 j 17:49	3°♈50'41	3°55'22
min. Earth dist.	-9521 Jun 06 j 06:24	3°♈32'02	0.26911 AU
morning rise	-9521 Jun 11 j 14:44	0°♈28'04	
	-9521 Jun 12 j 12:03	30°℞♓	
direct	-9521 Jun 26 j 23:22	25°♓58'52	
greatest brilliancy	-9521 Jul 08 j 01:08	28°♓15'27	-4.9m
	-9521 Jul 11 j 22:24	0°♈	
morning max el	-9521 Aug 16 j 14:47	29°♈07'43	46°44'51
	-9521 Aug 17 j 11:13	0°♉	
asc. node	-9521 Sep 09 j 03:36	24°♉41'42	
	-9521 Sep 13 j 18:53	0°♊	
	-9521 Oct 09 j 06:41	0°♋	
	-9521 Nov 03 j 04:56	0°♌	
	-9521 Nov 28 j 00:36	0°♍	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9521 Dec 22 j 20:41	0°♎	
desc. node	-9521 Dec 30 j 22:59	9°♎46'47	
	-9520 Jan 16 j 16:08	0°♏	
	-9520 Feb 10 j 08:47	0°♐	
morning set	-9520 Feb 19 j 03:18	10°♐42'17	
	-9520 Mar 05 j 21:12	0°♑	
max. Earth dist.	-9520 Mar 21 j 12:58	19°♑16'33	1.73286 AU
superior conj	-9520 Mar 25 j 11:29	24°♑08'15	-0°55'04
minimum elong	-9520 Mar 25 j 19:15	24°♑32'16	0°55'21
	-9520 Mar 30 j 05:19	0°♒	
asc. node	-9520 Apr 20 j 14:25	26°♒30'07	
	-9520 Apr 23 j 10:00	0°♓	
evening rise	-9520 Apr 29 j 20:41	8°♓00'46	
	-9520 May 17 j 12:32	0°♈	
	-9520 Jun 10 j 14:20	0°♉	
	-9520 Jul 04 j 17:18	0°♊	
	-9520 Jul 28 j 23:55	0°♋	
desc. node	-9520 Aug 11 j 11:05	16°♋30'10	
	-9520 Aug 22 j 13:32	0°♌	
	-9520 Sep 16 j 15:34	0°♍	
	-9520 Oct 12 j 18:44	0°♎	
evening max el	-9520 Nov 02 j 03:13	21°♎37'39	46°06'30
	-9520 Nov 10 j 18:32	0°♏	
asc. node	-9520 Dec 01 j 09:50	16°♏29'18	
greatest brilliancy	-9520 Dec 10 j 11:59	21°♏12'32	-4.8m
retrograde	-9520 Dec 21 j 18:11	23°♏33'16	
evening set	-9519 Jan 07 j 14:27	17°♏59'41	
inferior conj	-9519 Jan 12 j 03:26	15°♏07'58	7°28'18
minimum elong	-9519 Jan 11 j 21:07	15°♏18'08	7°27'16
min. Earth dist.	-9519 Jan 11 j 22:40	15°♏15'38	0.29487 AU
morning rise	-9519 Jan 16 j 04:00	12°♏35'18	
direct	-9519 Feb 02 j 22:22	6°♏37'17	
greatest brilliancy	-9519 Feb 12 j 06:10	8°♏11'51	-4.7m
	-9519 Mar 16 j 23:27	0°♐	
morning max el	-9519 Mar 23 j 18:57	6°♐17'49	46°00'15
desc. node	-9519 Mar 24 j 10:17	6°♐54'24	
	-9519 Apr 16 j 00:50	0°♑	
	-9519 May 12 j 19:14	0°♒	
	-9519 Jun 07 j 03:00	0°♓	
	-9519 Jul 01 j 14:57	0°♈	
asc. node	-9519 Jul 14 j 04:32	15°♈38'36	
	-9519 Jul 25 j 15:17	0°♉	
	-9519 Aug 18 j 10:13	0°♊	
	-9519 Sep 11 j 04:43	0°♋	
morning set	-9519 Sep 22 j 13:29	14°♋17'47	
	-9519 Oct 05 j 02:17	0°♌	
	-9519 Oct 29 j 04:23	0°♍	
superior conj	-9519 Nov 03 j 21:52	7°♍05'58	0°00'01
minimum elong	-9519 Nov 03 j 21:57	7°♍06'15	0°00'18
behind sun begin	-9519 Nov 02 j 19:30	5°♍44'19	
behind sun end	-9519 Nov 05 j 00:25	8°♍28'10	
desc. node	-9519 Nov 03 j 22:00	7°♍06'23	
max. Earth dist.	-9519 Nov 09 j 02:45	13°♍32'26	1.72507 AU
	-9519 Nov 22 j 10:35	0°♎	
evening rise	-9519 Dec 14 j 09:49	27°♎02'29	
	-9519 Dec 16 j 19:35	0°♏	
	-9518 Jan 10 j 06:45	0°♐	
	-9518 Feb 03 j 21:00	0°♑	
asc. node	-9518 Feb 23 j 15:57	23°♑57'10	
	-9518 Feb 28 j 16:37	0°♒	
	-9518 Mar 25 j 20:38	0°♓	
	-9518 Apr 20 j 13:13	0°♈	
	-9518 May 17 j 03:53	0°♉	
evening max el	-9518 Jun 09 j 23:03	25°♉00'51	47°16'27
	-9518 Jun 15 j 01:44	0°♊	
desc. node	-9518 Jun 16 j 16:00	1°♊30'54	
greatest brilliancy	-9518 Jul 21 j 09:49	26°♊04'52	-4.9m
retrograde	-9518 Jul 30 j 13:34	27°♊40'15	
evening set	-9518 Aug 17 j 08:10	21°♊38'32	
inferior conj	-9518 Aug 20 j 06:31	19°♊51'20	-8°41'18
minimum elong	-9518 Aug 20 j 11:35	19°♊43'32	8°40'22
min. Earth dist.	-9518 Aug 19 j 21:09	20°♊05'44	0.26619 AU
morning rise	-9518 Aug 23 j 15:06	17°♊49'20	
direct	-9518 Sep 09 j 10:52	12°♊17'15	
greatest brilliancy	-9518 Sep 19 j 09:31	14°♊10'48	-4.9m
asc. node	-9518 Oct 06 j 14:44	24°♊19'39	
	-9518 Oct 13 j 13:19	0°♋	
morning max el	-9518 Oct 29 j 15:47	15°♋10'35	46°26'51
	-9518 Nov 12 j 20:34	0°♌	
	-9518 Dec 09 j 20:45	0°♍	
	-9517 Jan 04 j 22:22	0°♎	
desc. node	-9517 Jan 27 j 12:08	26°♎25'23	
	-9517 Jan 30 j 12:55	0°♏	
	-9517 Feb 24 j 18:16	0°♐	
	-9517 Mar 21 j 14:25	0°♑	
	-9517 Apr 15 j 01:57	0°♒	
morning set	-9517 Apr 26 j 11:02	14°♒04'30	
	-9517 May 09 j 06:19	0°♓	
asc. node	-9517 May 19 j 03:43	12°♓21'14	
max. Earth dist.	-9517 May 28 j 22:55	24°♓38'07	1.71614 AU
superior conj	-9517 Jun 01 j 17:15	29°♓21'37	0°30'57
minimum elong	-9517 Jun 01 j 11:12	29°♓02'37	0°30'36
	-9517 Jun 02 j 05:28	0°♈	
	-9517 Jun 26 j 01:36	0°♉	
evening rise	-9517 Jul 09 j 15:07	17°♉05'36	
	-9517 Jul 19 j 21:07	0°♊	
	-9517 Aug 12 j 18:27	0°♋	
	-9517 Sep 05 j 19:46	0°♌	
desc. node	-9517 Sep 08 j 22:39	3°♌52'16	
	-9517 Sep 30 j 02:46	0°♍	
	-9517 Oct 24 j 17:31	0°♎	
	-9517 Nov 18 j 20:52	0°♏	
	-9517 Dec 15 j 01:18	0°♐	
asc. node	-9517 Dec 29 j 20:09	15°♐58'01	
	-9516 Jan 12 j 19:27	0°♑	
evening max el	-9516 Jan 12 j 18:14	29°♐57'04	44°56'22
greatest brilliancy	-9516 Feb 19 j 08:45	27°♑03'59	-4.7m
retrograde	-9516 Feb 29 j 18:44	28°♑59'56	
evening set	-9516 Mar 17 j 06:59	23°♑54'40	
inferior conj	-9516 Mar 22 j 03:41	21°♑00'28	6°01'50
minimum elong	-9516 Mar 22 j 12:38	20°♑46'42	5°59'37
min. Earth dist.	-9516 Mar 23 j 09:24	20°♑14'47	0.28878 AU
morning rise	-9516 Mar 27 j 17:35	17°♑39'54	
direct	-9516 Apr 13 j 00:17	12°♑39'39	
desc. node	-9516 Apr 20 j 21:14	13°♑47'44	
greatest brilliancy	-9516 Apr 24 j 11:11	14°♑59'34	-4.8m
	-9516 May 17 j 17:47	0°♒	
morning max el	-9516 Jun 01 j 21:10	13°♒54'27	46°26'32
	-9516 Jun 17 j 09:34	0°♓	
	-9516 Jul 13 j 21:18	0°♈	
	-9516 Aug 07 j 21:03	0°♉	
asc. node	-9516 Aug 10 j 17:32	3°♉29'29	
	-9516 Sep 01 j 04:36	0°♊	
	-9516 Sep 25 j 06:29	0°♋	
	-9516 Oct 19 j 09:06	0°♌	
	-9516 Nov 12 j 15:25	0°♍	
desc. node	-9516 Dec 01 j 11:35	23°♍09'42	
	-9516 Dec 07 j 01:21	0°♎	
morning set	-9516 Dec 07 j 21:31	1°♎01'48	
	-9516 Dec 31 j 12:59	0°♏	
max. Earth dist.	-9515 Jan 14 j 15:42	17°♏17'49	1.73750 AU

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

superior conj	-9515 Jan 15 j 16:10	18°♑32'47	-1°17'16
minimum elong	-9515 Jan 15 j 10:59	18°♑16'54	1°17'34
	-9515 Jan 25 j 00:20	0°♐	
	-9515 Feb 18 j 10:42	0°♑	
evening rise	-9515 Feb 20 j 17:42	2°♑48'55	
greatest brilliancy	-9515 Feb 23 j 11:32	6°♑11'06	-3.9m
	-9515 Mar 14 j 20:43	0°♒	
asc. node	-9515 Mar 23 j 03:52	10°♒11'17	
	-9515 Apr 08 j 07:34	0°♓	
	-9515 May 02 j 20:22	0°♈	
	-9515 May 27 j 12:37	0°♉	
	-9515 Jun 21 j 11:27	0°♊	
desc. node	-9515 Jul 14 j 02:17	26°♊38'04	
	-9515 Jul 17 j 00:06	0°♋	
	-9515 Aug 12 j 20:59	0°♌	
evening max el	-9515 Aug 21 j 03:58	8°♌39'54	47°41'13
	-9515 Sep 13 j 08:16	0°♍	
greatest brilliancy	-9515 Oct 01 j 02:28	10°♍46'22	-4.9m
retrograde	-9515 Oct 11 j 10:38	12°♍51'02	
evening set	-9515 Oct 26 j 06:59	8°♍18'19	
min. Earth dist.	-9515 Oct 31 j 15:12	5°♍01'40	0.27705 AU
inferior conj	-9515 Nov 01 j 08:29	4°♍34'02	-0°24'54
minimum elong	-9515 Nov 01 j 09:20	4°♍32'40	0°24'20
asc. node	-9515 Nov 03 j 01:36	3°♍28'37	
morning rise	-9515 Nov 07 j 12:38	0°♍48'15	
	-9515 Nov 09 j 00:48	30°℞♌	
direct	-9515 Nov 22 j 00:41	26°♌31'59	
greatest brilliancy	-9515 Dec 01 j 02:45	28°♌05'50	-4.8m
	-9515 Dec 05 j 21:01	0°♍	
morning max el	-9514 Jan 10 j 00:44	26°♍58'35	46°00'40
	-9514 Jan 13 j 03:50	0°♎	
	-9514 Feb 10 j 23:58	0°♏	
desc. node	-9514 Feb 24 j 00:45	14°♏24'17	
	-9514 Mar 09 j 19:00	0°♐	
	-9514 Apr 04 j 12:11	0°♑	
	-9514 Apr 29 j 11:31	0°♒	
	-9514 May 23 j 21:42	0°♓	
asc. node	-9514 Jun 15 j 17:15	28°♓28'13	
	-9514 Jun 16 j 22:29	0°♈	
greatest brilliancy	-9514 Jul 01 j 23:19	18°♈56'13	-3.9m
morning set	-9514 Jul 05 j 06:29	23°♈06'06	
	-9514 Jul 10 j 17:28	0°♉	
	-9514 Aug 03 j 10:14	0°♊	
superior conj	-9514 Aug 14 j 09:00	13°♊50'50	1°22'46
minimum elong	-9514 Aug 14 j 11:25	13°♊58'26	1°23'18
max. Earth dist.	-9514 Aug 18 j 17:03	19°♊19'25	1.70782 AU
	-9514 Aug 27 j 04:08	0°♋	
	-9514 Sep 20 j 01:35	0°♌	
evening rise	-9514 Sep 26 j 08:20	7°♌50'57	
desc. node	-9514 Oct 06 j 11:06	20°♌27'04	
	-9514 Oct 14 j 03:37	0°♍	
	-9514 Nov 07 j 10:19	0°♎	
	-9514 Dec 01 j 22:02	0°♏	
	-9514 Dec 26 j 16:57	0°♐	
	-9513 Jan 21 j 00:27	0°♑	
asc. node	-9513 Jan 26 j 06:47	6°♑07'28	
	-9513 Feb 16 j 06:38	0°♒	
	-9513 Mar 16 j 10:16	0°♓	
evening max el	-9513 Mar 25 j 19:41	9°♓11'55	45°29'54
	-9513 Apr 20 j 00:02	0°♈	
greatest brilliancy	-9513 May 03 j 17:51	7°♈03'38	-4.8m
retrograde	-9513 May 13 j 17:25	8°♈49'30	
desc. node	-9513 May 19 j 08:01	8°♈13'03	
evening set	-9513 May 28 j 07:26	4°♈49'33	
inferior conj	-9513 Jun 03 j 14:36	1°♈14'59	-3°36'32
minimum elong	-9513 Jun 03 j 06:56	1°♈26'22	3°34'26
min. Earth dist.	-9513 Jun 03 j 20:19	1°♈06'29	0.26949 AU
	-9513 Jun 05 j 17:16	30°℞♓	
morning rise	-9513 Jun 09 j 05:55	28°♓00'36	
direct	-9513 Jun 24 j 12:47	23°♓34'38	
greatest brilliancy	-9513 Jul 05 j 15:19	25°♓51'20	-4.9m
	-9513 Jul 13 j 20:14	0°♈	
morning max el	-9513 Aug 14 j 03:09	26°♈38'47	46°44'53
	-9513 Aug 17 j 09:11	0°♉	
asc. node	-9513 Sep 08 j 05:42	23°♉59'41	
	-9513 Sep 13 j 11:03	0°♊	
	-9513 Oct 08 j 20:37	0°♋	
	-9513 Nov 02 j 17:44	0°♌	
	-9513 Nov 27 j 12:41	0°♍	
	-9513 Dec 22 j 08:15	0°♎	
desc. node	-9513 Dec 30 j 01:05	9°♎18'32	
	-9512 Jan 16 j 03:21	0°♏	
	-9512 Feb 09 j 19:45	0°♐	
morning set	-9512 Feb 16 j 21:49	8°♐38'57	
	-9512 Mar 05 j 08:01	0°♑	
max. Earth dist.	-9512 Mar 19 j 08:14	17°♑14'45	1.73326 AU
superior conj	-9512 Mar 23 j 07:02	22°♑07'11	-0°57'11
minimum elong	-9512 Mar 23 j 14:50	22°♑31'15	0°57'29
	-9512 Mar 29 j 16:06	0°♒	
asc. node	-9512 Apr 19 j 16:40	26°♒03'19	
	-9512 Apr 22 j 20:54	0°♓	
evening rise	-9512 Apr 27 j 15:31	5°♓56'02	
	-9512 May 16 j 23:39	0°♈	
	-9512 Jun 10 j 01:46	0°♉	
	-9512 Jul 04 j 05:06	0°♊	
	-9512 Jul 28 j 12:10	0°♋	
desc. node	-9512 Aug 10 j 13:12	15°♋58'19	
	-9512 Aug 22 j 02:26	0°♌	
	-9512 Sep 16 j 05:37	0°♍	
	-9512 Oct 12 j 11:22	0°♎	
evening max el	-9512 Oct 30 j 18:15	19°♎21'40	46°09'55
	-9512 Nov 10 j 20:11	0°♏	
asc. node	-9512 Nov 30 j 12:07	15°♏11'42	
greatest brilliancy	-9512 Dec 08 j 06:18	19°♏06'12	-4.8m
retrograde	-9512 Dec 19 j 11:23	21°♏26'27	
evening set	-9511 Jan 05 j 05:42	15°♏56'13	
inferior conj	-9511 Jan 09 j 20:57	13°♏00'58	7°21'15
minimum elong	-9511 Jan 09 j 14:12	13°♏11'49	7°20'06
min. Earth dist.	-9511 Jan 09 j 15:20	13°♏10'00	0.29456 AU
morning rise	-9511 Jan 13 j 22:54	10°♏25'52	
direct	-9511 Jan 31 j 14:49	4°♏30'44	
greatest brilliancy	-9511 Feb 09 j 22:11	6°♏04'34	-4.7m
	-9511 Mar 17 j 00:19	0°♐	
morning max el	-9511 Mar 21 j 10:04	4°♐06'43	45°59'44
desc. node	-9511 Mar 23 j 12:27	6°♐07'21	
	-9511 Apr 15 j 17:08	0°♑	
	-9511 May 12 j 08:52	0°♒	
	-9511 Jun 06 j 15:26	0°♓	
	-9511 Jul 01 j 02:47	0°♈	
asc. node	-9511 Jul 13 j 06:37	15°♈08'40	
	-9511 Jul 25 j 02:49	0°♉	
	-9511 Aug 17 j 21:35	0°♊	
	-9511 Sep 10 j 15:58	0°♋	
morning set	-9511 Sep 19 j 23:03	11°♋41'54	
	-9511 Oct 04 j 13:25	0°♌	
	-9511 Oct 28 j 15:24	0°♍	
superior conj	-9511 Nov 01 j 08:22	4°♍35'45	0°03'48
minimum elong	-9511 Nov 01 j 09:26	4°♍39'06	0°04'03
behind sun begin	-9511 Oct 31 j 07:26	3°♍18'30	
behind sun end	-9511 Nov 02 j 11:27	5°♍59'40	
desc. node	-9511 Nov 03 j 00:14	6°♍39'15	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

max. Earth dist.	-9511 Nov 06 j 18:44	11°♍19'21	1.72438 AU	
	-9511 Nov 21 j 21:32	0°♎		
evening rise	-9511 Dec 12 j 00:48	24°♎47'26		
	-9511 Dec 16 j 06:32	0°♏		
	-9510 Jan 09 j 17:48	0°♐		
	-9510 Feb 03 j 08:18	0°♑		
asc. node	-9510 Feb 22 j 18:03	23°♑28'14		
	-9510 Feb 28 j 04:28	0°♒		
	-9510 Mar 25 j 09:26	0°♓		
	-9510 Apr 20 j 03:40	0°♈		
	-9510 May 16 j 21:35	0°♉		
evening max el	-9510 Jun 07 j 10:46	22°♉31'46	47°13'20	
	-9510 Jun 15 j 04:43	0°♊		
desc. node	-9510 Jun 15 j 18:09	0°♊31'18		
greatest brilliancy	-9510 Jul 18 j 22:23	23°♊34'40	-4.9m	
retrograde	-9510 Jul 28 j 01:30	25°♊09'45		
evening set	-9510 Aug 14 j 21:50	19°♊06'24		
inferior conj	-9510 Aug 17 j 18:46	17°♊21'41	-8°46'33	
minimum elong	-9510 Aug 17 j 23:00	17°♊15'12	8°45'44	
min. Earth dist.	-9510 Aug 17 j 09:36	17°♊35'43	0.26609 AU	
morning rise	-9510 Aug 21 j 00:12	15°♊24'36		
direct	-9510 Sep 06 j 22:37	9°♊47'44		
greatest brilliancy	-9510 Sep 16 j 23:04	11°♊42'48	-4.9m	
asc. node	-9510 Oct 05 j 17:04	23°♊04'31		
	-9510 Oct 13 j 21:14	0°♋		
morning max el	-9510 Oct 27 j 04:57	12°♋44'49	46°28'03	
	-9510 Nov 12 j 15:08	0°♌		
	-9510 Dec 09 j 11:33	0°♍		
	-9509 Jan 04 j 11:24	0°♎		
desc. node	-9509 Jan 26 j 14:14	25°♎55'46		
	-9509 Jan 30 j 00:57	0°♏		
	-9509 Feb 24 j 05:43	0°♐		
	-9509 Mar 21 j 01:31	0°♑		
	-9509 Apr 14 j 12:52	0°♒		
morning set	-9509 Apr 24 j 05:48	12°♒00'02		
	-9509 May 08 j 17:12	0°♓		
asc. node	-9509 May 18 j 05:55	11°♓54'06		
max. Earth dist.	-9509 May 26 j 15:02	22°♓23'51	1.71672 AU	
superior conj	-9509 May 30 j 09:40	27°♓08'08	0°27'53	
minimum elong	-9509 May 30 j 04:11	26°♓50'55	0°27'31	
	-9509 Jun 01 j 16:25	0°♈		
	-9509 Jun 25 j 12:40	0°♉		
evening rise	-9509 Jul 07 j 04:03	14°♉40'05		
	-9509 Jul 19 j 08:19	0°♊		
	-9509 Aug 12 j 05:51	0°♋		
	-9509 Sep 05 j 07:24	0°♌		
desc. node	-9509 Sep 08 j 00:48	3°♌22'49		
	-9509 Sep 29 j 14:42	0°♍		
	-9509 Oct 24 j 05:55	0°♎		
	-9509 Nov 18 j 10:12	0°♏		
	-9509 Dec 14 j 16:51	0°♐		
asc. node	-9509 Dec 28 j 22:21	15°♐16'37		
evening max el	-9508 Jan 10 j 10:05	27°♐47'16	44°57'16	
	-9508 Jan 12 j 18:03	0°♑		
greatest brilliancy	-9508 Feb 16 j 22:58	24°♑54'22	-4.7m	
retrograde	-9508 Feb 27 j 10:59	26°♑51'50		
evening set	-9508 Mar 15 j 01:17	21°♑42'22		
inferior conj	-9508 Mar 19 j 19:40	18°♑50'59	6°14'10	
minimum elong	-9508 Mar 20 j 04:30	18°♑37'22	6°12'01	
min. Earth dist.	-9508 Mar 21 j 00:36	18°♑06'25	0.28945 AU	
morning rise	-9508 Mar 25 j 07:07	15°♑33'44		
direct	-9508 Apr 10 j 17:15	10°♑29'03		
desc. node	-9508 Apr 19 j 23:36	12°♑02'37		
greatest brilliancy	-9508 Apr 22 j 02:06	12°♑47'27	-4.8m	
	-9508 May 17 j 23:58	0°♒		
morning max el	-9508 May 30 j 14:01	11°♒42'52	46°25'28	
	-9508 Jun 17 j 03:23	0°♓		
	-9508 Jul 13 j 11:50	0°♈		
	-9508 Aug 07 j 10:09	0°♉		
asc. node	-9508 Aug 09 j 19:39	2°♉56'10		
	-9508 Aug 31 j 16:55	0°♊		
	-9508 Sep 24 j 18:21	0°♋		
	-9508 Oct 18 j 20:40	0°♌		
	-9508 Nov 12 j 02:46	0°♍		
desc. node	-9508 Nov 30 j 13:37	22°♍41'41		
morning set	-9508 Dec 05 j 10:47	28°♍41'11		
	-9508 Dec 06 j 12:29	0°♎		
	-9508 Dec 30 j 23:55	0°♏		
max. Earth dist.	-9507 Jan 12 j 14:12	15°♏26'18	1.73733 AU	
superior conj	-9507 Jan 13 j 09:24	16°♏25'07	-1°16'15	
minimum elong	-9507 Jan 13 j 03:39	16°♏07'30	1°16'32	
	-9507 Jan 24 j 11:10	0°♐		
	-9507 Feb 17 j 21:34	0°♑		
evening rise	-9507 Feb 18 j 13:08	0°♑47'50		
greatest brilliancy	-9507 Feb 22 j 05:44	5°♑19'53	-3.9m	
	-9507 Mar 14 j 07:46	0°♒		
asc. node	-9507 Mar 22 j 06:08	9°♒44'05		
	-9507 Apr 07 j 18:59	0°♓		
	-9507 May 02 j 08:19	0°♈		
	-9507 May 27 j 01:19	0°♉		
	-9507 Jun 21 j 01:16	0°♊		
desc. node	-9507 Jul 13 j 04:26	25°♊59'32		
	-9507 Jul 16 j 15:51	0°♋		
	-9507 Aug 12 j 17:08	0°♌		
evening max el	-9507 Aug 18 j 20:34	6°♌22'55	47°42'54	
	-9507 Sep 14 j 01:34	0°♍		
greatest brilliancy	-9507 Sep 28 j 18:53	8°♍26'55	-4.9m	
retrograde	-9507 Oct 09 j 02:42	10°♍30'44		
evening set	-9507 Oct 23 j 23:19	5°♍57'11		
inferior conj	-9507 Oct 29 j 23:38	2°♍14'25	-0°46'16	
minimum elong	-9507 Oct 30 j 01:15	2°♍11'50	0°45'26	
min. Earth dist.	-9507 Oct 29 j 06:22	2°♍42'02	0.27642 AU	
asc. node	-9507 Nov 02 j 03:53	0°♍14'22		
	-9507 Nov 02 j 13:18	30°℞♌		
morning rise	-9507 Nov 05 j 04:13	28°♌28'30		
direct	-9507 Nov 19 j 15:40	24°♌13'46		
greatest brilliancy	-9507 Nov 28 j 17:08	25°♌47'31	-4.8m	
	-9507 Dec 07 j 21:15	0°♍		
morning max el	-9506 Jan 07 j 16:31	24°♍46'30	46°01'12	
	-9506 Jan 13 j 01:14	0°♎		
	-9506 Feb 10 j 15:31	0°♏		
desc. node	-9506 Feb 23 j 02:53	13°♏50'10		
	-9506 Mar 09 j 08:17	0°♐		
	-9506 Apr 04 j 00:22	0°♑		
	-9506 Apr 28 j 23:09	0°♒		
	-9506 May 23 j 09:03	0°♓		
asc. node	-9506 Jun 14 j 19:18	27°♓59'20		
	-9506 Jun 16 j 09:44	0°♈		
greatest brilliancy	-9506 Jul 01 j 00:33	18°♈24'36	-3.9m	
morning set	-9506 Jul 02 j 19:48	20°♈41'07		
	-9506 Jul 10 j 04:42	0°♉		
	-9506 Aug 02 j 21:31	0°♊		
superior conj	-9506 Aug 11 j 18:53	11°♊14'41	1°23'06	
minimum elong	-9506 Aug 11 j 20:12	11°♊18'51	1°23'36	
max. Earth dist.	-9506 Aug 15 j 19:00	16°♊18'21	1.70757 AU	
	-9506 Aug 26 j 15:27	0°♋		
	-9506 Sep 19 j 12:56	0°♌		
evening rise	-9506 Sep 23 j 15:28	5°♌07'58		
desc. node	-9506 Oct 05 j 13:20	19°♌58'42		
	-9506 Oct 13 j 15:00	0°♍		
	-9506 Nov 06 j 21:47	0°♎		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9506 Dec 01 j 09:43	0°♏	
	-9506 Dec 26 j 05:09	0°♐	
	-9505 Jan 20 j 13:39	0°♑	
asc. node	-9505 Jan 25 j 08:59	5°♑34'49	
	-9505 Feb 15 j 21:58	0°♒	
	-9505 Mar 16 j 07:06	0°♓	
evening max el	-9505 Mar 23 j 09:19	6°♓53'33	45°27'01
	-9505 Apr 21 j 07:34	0°♈	
greatest brilliancy	-9505 May 01 j 06:27	4°♈41'17	-4.8m
retrograde	-9505 May 11 j 05:02	6°♈26'22	
desc. node	-9505 May 18 j 10:06	5°♈26'22	
evening set	-9505 May 25 j 18:43	2°♈28'07	
	-9505 May 30 j 05:15	30°℞♓	
inferior conj	-9505 Jun 01 j 03:15	28°♓51'52	-3°15'07
minimum elong	-9505 May 31 j 20:14	29°♓02'18	3°13'12
min. Earth dist.	-9505 Jun 01 j 10:40	28°♓40'49	0.26995 AU
morning rise	-9505 Jun 06 j 21:05	25°♓33'35	
direct	-9505 Jun 22 j 01:50	21°♓10'20	
greatest brilliancy	-9505 Jul 03 j 06:16	23°♓28'00	-4.9m
	-9505 Jul 15 j 03:41	0°♈	
morning max el	-9505 Aug 11 j 15:11	24°♈08'21	46°44'46
	-9505 Aug 17 j 06:40	0°♉	
asc. node	-9505 Sep 07 j 08:00	23°♉17'49	
	-9505 Sep 13 j 03:16	0°♊	
	-9505 Oct 08 j 10:44	0°♋	
	-9505 Nov 02 j 06:43	0°♌	
	-9505 Nov 27 j 00:55	0°♍	
	-9505 Dec 21 j 19:58	0°♎	
desc. node	-9505 Dec 29 j 03:08	8°♎49'36	
	-9504 Jan 15 j 14:43	0°♏	
	-9504 Feb 09 j 06:53	0°♐	
morning set	-9504 Feb 14 j 16:16	6°♐34'52	
	-9504 Mar 04 j 19:02	0°♑	
max. Earth dist.	-9504 Mar 17 j 03:41	15°♑12'54	1.73367 AU
superior conj	-9504 Mar 21 j 02:48	20°♑06'10	-0°59'14
minimum elong	-9504 Mar 21 j 10:35	20°♑30'11	0°59'31
	-9504 Mar 29 j 03:06	0°♒	
asc. node	-9504 Apr 18 j 18:54	25°♒35'54	
	-9504 Apr 22 j 08:00	0°♓	
evening rise	-9504 Apr 25 j 10:40	3°♓51'51	
	-9504 May 16 j 10:57	0°♈	
	-9504 Jun 09 j 13:24	0°♉	
	-9504 Jul 03 j 17:08	0°♊	
	-9504 Jul 28 j 00:43	0°♋	
desc. node	-9504 Aug 09 j 15:23	15°♋25'41	
	-9504 Aug 21 j 15:42	0°♌	
	-9504 Sep 15 j 20:10	0°♍	
	-9504 Oct 12 j 04:45	0°♎	
evening max el	-9504 Oct 28 j 08:58	17°♎03'43	46°13'37
	-9504 Nov 10 j 23:48	0°♏	
asc. node	-9504 Nov 29 j 14:17	13°♏50'29	
greatest brilliancy	-9504 Dec 06 j 00:16	16°♏58'17	-4.8m
retrograde	-9504 Dec 17 j 04:47	19°♏18'47	
evening set	-9503 Jan 02 j 20:52	13°♏51'40	
inferior conj	-9503 Jan 07 j 14:28	10°♏53'00	7°13'31
minimum elong	-9503 Jan 07 j 07:20	11°♏04'30	7°12'18
min. Earth dist.	-9503 Jan 07 j 07:59	11°♏03'28	0.29421 AU
morning rise	-9503 Jan 11 j 17:59	8°♏15'26	
direct	-9503 Jan 29 j 06:58	2°♏23'07	
greatest brilliancy	-9503 Feb 07 j 14:24	3°♏56'43	-4.7m
	-9503 Mar 17 j 00:20	0°♐	
morning max el	-9503 Mar 19 j 01:53	1°♐56'37	45°59'17
desc. node	-9503 Mar 22 j 14:45	5°♐20'40	
	-9503 Apr 15 j 09:26	0°♑	
	-9503 May 11 j 22:39	0°♒	
	-9503 Jun 06 j 04:04	0°♓	
	-9503 Jun 30 j 14:49	0°♈	
asc. node	-9503 Jul 12 j 08:48	14°♈38'19	
	-9503 Jul 24 j 14:34	0°♉	
	-9503 Aug 17 j 09:11	0°♊	
	-9503 Sep 10 j 03:29	0°♋	
morning set	-9503 Sep 17 j 08:31	9°♋04'38	
	-9503 Oct 04 j 00:51	0°♌	
	-9503 Oct 28 j 02:47	0°♍	
superior conj	-9503 Oct 29 j 18:20	2°♍02'39	0°07'35
minimum elong	-9503 Oct 29 j 20:25	2°♍09'09	0°07'49
behind sun begin	-9503 Oct 28 j 20:40	0°♍55'29	
behind sun end	-9503 Oct 30 j 20:10	3°♍22'47	
desc. node	-9503 Nov 02 j 02:16	6°♍10'23	
max. Earth dist.	-9503 Nov 04 j 06:58	8°♍53'35	1.72370 AU
	-9503 Nov 21 j 08:51	0°♎	
evening rise	-9503 Dec 09 j 15:13	22°♎29'30	
	-9503 Dec 15 j 17:49	0°♏	
	-9502 Jan 09 j 05:09	0°♐	
	-9502 Feb 02 j 19:56	0°♑	
asc. node	-9502 Feb 21 j 20:22	22°♑58'58	
	-9502 Feb 27 j 16:40	0°♒	
	-9502 Mar 24 j 22:38	0°♓	
	-9502 Apr 19 j 18:38	0°♈	
	-9502 May 16 j 16:01	0°♉	
evening max el	-9502 Jun 04 j 23:27	20°♉04'35	47°10'13
desc. node	-9502 Jun 14 j 20:22	29°♉29'40	
	-9502 Jun 15 j 09:41	0°♊	
greatest brilliancy	-9502 Jul 16 j 10:17	21°♊03'19	-4.9m
retrograde	-9502 Jul 25 j 13:56	22°♊38'56	
evening set	-9502 Aug 12 j 11:01	16°♊34'26	
inferior conj	-9502 Aug 15 j 07:02	14°♊51'30	-8°50'35
minimum elong	-9502 Aug 15 j 10:23	14°♊46'23	8°49'53
min. Earth dist.	-9502 Aug 14 j 21:43	15°♊05'43	0.26600 AU
morning rise	-9502 Aug 18 j 09:47	12°♊58'47	
direct	-9502 Sep 04 j 11:00	7°♊17'47	
greatest brilliancy	-9502 Sep 14 j 12:09	9°♊13'50	-4.9m
asc. node	-9502 Oct 04 j 19:20	21°♊50'53	
	-9502 Oct 14 j 03:10	0°♋	
morning max el	-9502 Oct 24 j 19:07	10°♋20'38	46°29'02
	-9502 Nov 12 j 09:35	0°♌	
	-9502 Dec 09 j 02:34	0°♍	
	-9501 Jan 04 j 00:45	0°♎	
desc. node	-9501 Jan 25 j 16:25	25°♎25'24	
	-9501 Jan 29 j 13:19	0°♏	
	-9501 Feb 23 j 17:27	0°♐	
	-9501 Mar 20 j 12:53	0°♑	
	-9501 Apr 14 j 00:03	0°♒	
morning set	-9501 Apr 22 j 00:37	9°♒55'06	
	-9501 May 08 j 04:22	0°♓	
asc. node	-9501 May 17 j 07:57	11°♓25'29	
max. Earth dist.	-9501 May 24 j 05:39	20°♓04'03	1.71732 AU
superior conj	-9501 May 28 j 02:20	24°♓54'35	0°24'47
minimum elong	-9501 May 27 j 21:26	24°♓39'14	0°24'26
	-9501 Jun 01 j 03:39	0°♈	
	-9501 Jun 25 j 00:01	0°♉	
evening rise	-9501 Jul 04 j 17:24	12°♉15'00	
	-9501 Jul 18 j 19:49	0°♊	
	-9501 Aug 11 j 17:30	0°♋	
	-9501 Sep 04 j 19:16	0°♌	
desc. node	-9501 Sep 07 j 03:06	2°♌53'03	
	-9501 Sep 29 j 02:52	0°♍	
	-9501 Oct 23 j 18:37	0°♎	
	-9501 Nov 17 j 23:56	0°♏	
	-9501 Dec 14 j 08:59	0°♐	
asc. node	-9501 Dec 28 j 00:36	14°♐33'53	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

evening max el	-9500 Jan 08 j 02:41	25°♐38'11	44°58'17	
	-9500 Jan 12 j 18:06	0°♑		
greatest brilliancy	-9500 Feb 14 j 13:55	22°♑44'57	-4.7m	
retrograde	-9500 Feb 25 j 03:09	24°♑43'11		
evening set	-9500 Mar 12 j 19:47	19°♑29'53		
inferior conj	-9500 Mar 17 j 11:50	16°♑41'12	6°25'46	
minimum elong	-9500 Mar 17 j 20:31	16°♑27'47	6°23'44	
min. Earth dist.	-9500 Mar 18 j 15:55	15°♑57'50	0.29007 AU	
morning rise	-9500 Mar 22 j 20:45	13°♑27'10		
direct	-9500 Apr 08 j 10:27	8°♑18'24		
desc. node	-9500 Apr 19 j 01:41	10°♑20'30		
greatest brilliancy	-9500 Apr 19 j 16:40	10°♑34'31	-4.8m	
	-9500 May 18 j 04:28	0°♒		
morning max el	-9500 May 28 j 06:20	9°♒29'30	46°24'17	
	-9500 Jun 16 j 21:03	0°♓		
	-9500 Jul 13 j 02:27	0°♈		
	-9500 Aug 06 j 23:24	0°♉		
asc. node	-9500 Aug 08 j 21:52	2°♉22'31		
	-9500 Aug 31 j 05:26	0°♊		
	-9500 Sep 24 j 06:24	0°♋		
	-9500 Oct 18 j 08:24	0°♌		
	-9500 Nov 11 j 14:15	0°♍		
desc. node	-9500 Nov 29 j 15:41	22°♍13'18		
morning set	-9500 Dec 03 j 00:10	26°♍20'21		
	-9500 Dec 05 j 23:46	0°♎		
	-9500 Dec 30 j 11:03	0°♏		
max. Earth dist.	-9499 Jan 10 j 13:04	13°♏35'14	1.73717 AU	
superior conj	-9499 Jan 11 j 02:30	14°♏16'22	-1°15'08	
minimum elong	-9499 Jan 10 j 20:13	13°♏57'08	1°15'23	
	-9499 Jan 23 j 22:13	0°♐		
evening rise	-9499 Feb 16 j 08:24	28°♐45'30		
	-9499 Feb 17 j 08:40	0°♑		
greatest brilliancy	-9499 Feb 20 j 23:52	4°♑27'47	-3.9m	
	-9499 Mar 13 j 19:03	0°♒		
asc. node	-9499 Mar 21 j 08:21	9°♒16'01		
	-9499 Apr 07 j 06:36	0°♓		
	-9499 May 01 j 20:29	0°♈		
	-9499 May 26 j 14:16	0°♉		
	-9499 Jun 20 j 15:25	0°♊		
desc. node	-9499 Jul 12 j 06:42	25°♊20'24		
	-9499 Jul 16 j 08:04	0°♋		
	-9499 Aug 12 j 14:08	0°♌		
evening max el	-9499 Aug 16 j 13:03	4°♌04'58	47°44'21	
	-9499 Sep 15 j 01:11	0°♍		
greatest brilliancy	-9499 Sep 26 j 11:56	6°♍07'44	-4.9m	
retrograde	-9499 Oct 06 j 18:29	8°♍09'50		
evening set	-9499 Oct 21 j 15:51	3°♍35'34		
min. Earth dist.	-9499 Oct 26 j 21:52	0°♍21'42	0.27575 AU	
	-9499 Oct 27 j 11:26	30°℞♌		
inferior conj	-9499 Oct 27 j 14:50	29°♌54'34	-1°07'31	
minimum elong	-9499 Oct 27 j 17:12	29°♌50'48	1°06'27	
asc. node	-9499 Nov 01 j 05:58	27°♌02'06		
morning rise	-9499 Nov 02 j 19:36	26°♌08'33		
direct	-9499 Nov 17 j 06:25	21°♌55'29		
greatest brilliancy	-9499 Nov 26 j 07:51	23°♌29'13	-4.8m	
	-9499 Dec 09 j 05:37	0°♍		
morning max el	-9498 Jan 05 j 07:26	22°♍32'01	46°01'43	
	-9498 Jan 12 j 21:57	0°♎		
	-9498 Feb 10 j 06:54	0°♏		
desc. node	-9498 Feb 22 j 05:07	13°♏16'19		
	-9498 Mar 08 j 21:36	0°♐		
	-9498 Apr 03 j 12:38	0°♑		
	-9498 Apr 28 j 10:52	0°♒		
	-9498 May 22 j 20:28	0°♓		
asc. node	-9498 Jun 13 j 21:30	27°♓30'52		
	-9498 Jun 15 j 21:01	0°♈		
greatest brilliancy	-9498 Jun 29 j 21:06	17°♈38'08	-3.9m	
morning set	-9498 Jun 30 j 09:19	18°♈16'42		
	-9498 Jul 09 j 15:58	0°♉		
	-9498 Aug 02 j 08:50	0°♊		
superior conj	-9498 Aug 09 j 05:01	8°♊39'12	1°23'14	
minimum elong	-9498 Aug 09 j 05:15	8°♊39'58	1°23'45	
max. Earth dist.	-9498 Aug 12 j 17:46	13°♊07'01	1.70740 AU	
	-9498 Aug 26 j 02:50	0°♋		
	-9498 Sep 19 j 00:21	0°♌		
evening rise	-9498 Sep 20 j 22:36	2°♌24'33		
desc. node	-9498 Oct 04 j 15:22	19°♌29'27		
	-9498 Oct 13 j 02:27	0°♍		
	-9498 Nov 06 j 09:18	0°♎		
	-9498 Nov 30 j 21:27	0°♏		
	-9498 Dec 25 j 17:21	0°♐		
	-9497 Jan 20 j 02:54	0°♑		
asc. node	-9497 Jan 24 j 11:17	5°♑02'22		
	-9497 Feb 15 j 13:29	0°♒		
	-9497 Mar 16 j 04:40	0°♓		
evening max el	-9497 Mar 20 j 22:24	4°♓34'01	45°24'10	
	-9497 Apr 23 j 05:27	0°♈		
greatest brilliancy	-9497 Apr 28 j 19:04	2°♈19'08	-4.8m	
retrograde	-9497 May 08 j 16:48	4°♈03'56		
desc. node	-9497 May 17 j 12:18	2°♈34'38		
evening set	-9497 May 23 j 06:18	0°♈06'40		
	-9497 May 23 j 11:29	30°℞♓		
inferior conj	-9497 May 29 j 16:01	26°♓29'17	-2°53'26	
minimum elong	-9497 May 29 j 09:42	26°♓38'41	2°51'43	
min. Earth dist.	-9497 May 30 j 01:15	26°♓15'32	0.27044 AU	
morning rise	-9497 Jun 04 j 12:15	23°♓07'30		
direct	-9497 Jun 19 j 14:54	18°♓46'20		
greatest brilliancy	-9497 Jun 30 j 21:53	21°♓05'56	-4.9m	
	-9497 Jul 16 j 02:22	0°♈		
morning max el	-9497 Aug 09 j 03:34	21°♈39'03	46°44'39	
	-9497 Aug 17 j 03:21	0°♉		
asc. node	-9497 Sep 06 j 10:15	22°♉36'30		
	-9497 Sep 12 j 19:09	0°♊		
	-9497 Oct 08 j 00:40	0°♋		
	-9497 Nov 01 j 19:34	0°♌		
	-9497 Nov 26 j 13:03	0°♍		
	-9497 Dec 21 j 07:35	0°♎		
desc. node	-9497 Dec 28 j 05:21	8°♎21'32		
	-9496 Jan 15 j 01:57	0°♏		
	-9496 Feb 08 j 17:52	0°♐		
morning set	-9496 Feb 12 j 10:47	4°♐31'24		
	-9496 Mar 04 j 05:54	0°♑		
max. Earth dist.	-9496 Mar 15 j 00:54	13°♑16'55	1.73410 AU	
superior conj	-9496 Mar 18 j 22:42	18°♑06'03	-1°01'10	
minimum elong	-9496 Mar 19 j 06:26	18°♑29'54	1°01'30	
	-9496 Mar 28 j 13:58	0°♒		
asc. node	-9496 Apr 17 j 20:57	25°♒08'13		
	-9496 Apr 21 j 19:00	0°♓		
evening rise	-9496 Apr 23 j 05:58	1°♓48'33		
	-9496 May 15 j 22:12	0°♈		
	-9496 Jun 09 j 00:57	0°♉		
	-9496 Jul 03 j 05:05	0°♊		
	-9496 Jul 27 j 13:10	0°♋		
desc. node	-9496 Aug 08 j 17:38	14°♋53'33		
	-9496 Aug 21 j 04:54	0°♌		
	-9496 Sep 15 j 10:43	0°♍		
	-9496 Oct 11 j 22:21	0°♎		
evening max el	-9496 Oct 26 j 00:07	14°♎47'10	46°17'19	
	-9496 Nov 11 j 05:06	0°♏		
asc. node	-9496 Nov 28 j 16:38	12°♏27'19		
greatest brilliancy	-9496 Dec 03 j 17:44	14°♏49'57	-4.8m	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

retrograde	-9496 Dec 14 j 22:35	17°♏11'24	
evening set	-9496 Dec 31 j 11:55	11°♏47'21	
inferior conj	-9495 Jan 05 j 07:55	8°♏45'17	7°05'10
minimum elong	-9495 Jan 05 j 00:26	8°♏57'21	7°03'51
min. Earth dist.	-9495 Jan 05 j 00:23	8°♏57'26	0.29382 AU
morning rise	-9495 Jan 09 j 13:07	6°♏05'16	
direct	-9495 Jan 26 j 23:14	0°♏15'46	
greatest brilliancy	-9495 Feb 05 j 06:21	1°♏49'15	-4.7m
	-9495 Mar 16 j 23:01	0°♐	
morning max el	-9495 Mar 16 j 18:30	29°♏49'16	45°58'55
desc. node	-9495 Mar 21 j 16:50	4°♐34'56	
	-9495 Apr 15 j 01:10	0°♑	
	-9495 May 11 j 12:04	0°♒	
	-9495 Jun 05 j 16:26	0°♓	
	-9495 Jun 30 j 02:41	0°♈	
asc. node	-9495 Jul 11 j 11:02	14°♈08'45	
	-9495 Jul 24 j 02:10	0°♉	
	-9495 Aug 16 j 20:37	0°♊	
	-9495 Sep 09 j 14:47	0°♋	
morning set	-9495 Sep 14 j 17:51	6°♋27'29	
	-9495 Oct 03 j 12:04	0°♌	
superior conj	-9495 Oct 27 j 03:56	29°♌28'57	0°11'23
minimum elong	-9495 Oct 27 j 07:03	29°♌38'38	0°11'36
behind sun begin	-9495 Oct 26 j 11:58	28°♌39'24	
behind sun end	-9495 Oct 28 j 02:08	0°♍37'51	
	-9495 Oct 27 j 13:56	0°♍	
desc. node	-9495 Nov 01 j 04:21	5°♍42'21	
max. Earth dist.	-9495 Nov 01 j 18:09	6°♍25'06	1.72304 AU
	-9495 Nov 20 j 19:57	0°♎	
evening rise	-9495 Dec 07 j 05:24	20°♎11'30	
	-9495 Dec 15 j 04:55	0°♏	
	-9494 Jan 08 j 16:19	0°♐	
	-9494 Feb 02 j 07:21	0°♑	
asc. node	-9494 Feb 20 j 22:36	22°♑30'08	
	-9494 Feb 27 j 04:38	0°♒	
	-9494 Mar 24 j 11:37	0°♓	
	-9494 Apr 19 j 09:27	0°♈	
	-9494 May 16 j 10:36	0°♉	
evening max el	-9494 Jun 02 j 13:00	17°♉40'20	47°06'49
desc. node	-9494 Jun 13 j 22:39	28°♉27'14	
	-9494 Jun 15 j 16:24	0°♊	
greatest brilliancy	-9494 Jul 13 j 21:23	18°♊31'19	-4.9m
retrograde	-9494 Jul 23 j 02:32	20°♊07'54	
evening set	-9494 Aug 09 j 23:29	14°♊03'03	
inferior conj	-9494 Aug 12 j 19:02	12°♊21'04	-8°53'35
minimum elong	-9494 Aug 12 j 21:28	12°♊17'23	8°52'59
min. Earth dist.	-9494 Aug 12 j 09:18	12°♊35'53	0.26593 AU
morning rise	-9494 Aug 15 j 19:30	10°♊32'07	
direct	-9494 Sep 01 j 23:40	4°♊47'49	
greatest brilliancy	-9494 Sep 12 j 00:34	6°♊44'08	-4.9m
asc. node	-9494 Oct 03 j 21:28	20°♊39'26	
	-9494 Oct 14 j 07:02	0°♋	
morning max el	-9494 Oct 22 j 09:30	7°♋57'30	46°30'01
	-9494 Nov 12 j 03:23	0°♌	
	-9494 Dec 08 j 17:08	0°♍	
	-9493 Jan 03 j 13:43	0°♎	
desc. node	-9493 Jan 24 j 18:33	24°♎55'47	
	-9493 Jan 29 j 01:21	0°♏	
	-9493 Feb 23 j 04:53	0°♐	
	-9493 Mar 19 j 23:57	0°♑	
	-9493 Apr 13 j 10:57	0°♒	
morning set	-9493 Apr 19 j 19:51	7°♒52'26	
	-9493 May 07 j 15:13	0°♓	
asc. node	-9493 May 16 j 10:14	10°♓58'43	
max. Earth dist.	-9493 May 21 j 19:52	17°♓44'13	1.71793 AU
superior conj	-9493 May 25 j 19:27	22°♓43'40	0°21'41
minimum elong	-9493 May 25 j 15:10	22°♓30'13	0°21'21
	-9493 May 31 j 14:34	0°♈	
	-9493 Jun 24 j 11:04	0°♉	
evening rise	-9493 Jul 02 j 07:08	9°♉52'01	
	-9493 Jul 18 j 07:03	0°♊	
	-9493 Aug 11 j 04:57	0°♋	
	-9493 Sep 04 j 06:58	0°♌	
desc. node	-9493 Sep 06 j 05:07	2°♌23'04	
	-9493 Sep 28 j 14:53	0°♍	
	-9493 Oct 23 j 07:09	0°♎	
	-9493 Nov 17 j 13:32	0°♏	
	-9493 Dec 14 j 01:09	0°♐	
asc. node	-9493 Dec 27 j 02:56	13°♐51'27	
evening max el	-9492 Jan 05 j 18:50	23°♐28'35	44°59'19
	-9492 Jan 12 j 19:03	0°♑	
greatest brilliancy	-9492 Feb 12 j 05:34	20°♑37'01	-4.7m
retrograde	-9492 Feb 22 j 18:54	22°♑35'19	
evening set	-9492 Mar 10 j 14:16	17°♑18'24	
inferior conj	-9492 Mar 15 j 04:02	14°♑32'25	6°36'48
minimum elong	-9492 Mar 15 j 12:30	14°♑19'18	6°34'53
min. Earth dist.	-9492 Mar 16 j 07:27	13°♑49'56	0.29062 AU
morning rise	-9492 Mar 20 j 10:16	11°♑21'35	
direct	-9492 Apr 06 j 03:18	6°♑08'48	
greatest brilliancy	-9492 Apr 17 j 07:17	8°♑22'35	-4.8m
desc. node	-9492 Apr 18 j 03:51	8°♑42'48	
	-9492 May 18 j 06:54	0°♒	
morning max el	-9492 May 25 j 21:44	7°♒15'03	46°23'17
	-9492 Jun 16 j 13:59	0°♓	
	-9492 Jul 12 j 16:33	0°♈	
	-9492 Aug 06 j 12:14	0°♉	
asc. node	-9492 Aug 08 j 00:05	1°♉50'04	
	-9492 Aug 30 j 17:37	0°♊	
	-9492 Sep 23 j 18:12	0°♋	
	-9492 Oct 17 j 19:56	0°♌	
	-9492 Nov 11 j 01:33	0°♍	
desc. node	-9492 Nov 28 j 17:55	21°♍46'02	
morning set	-9492 Nov 30 j 12:59	23°♍58'18	
	-9492 Dec 05 j 10:50	0°♎	
	-9492 Dec 29 j 21:57	0°♏	
superior conj	-9491 Jan 08 j 19:08	12°♏06'53	-1°13'54
minimum elong	-9491 Jan 08 j 12:21	11°♏46'05	1°14'05
max. Earth dist.	-9491 Jan 08 j 11:29	11°♏43'25	1.73696 AU
	-9491 Jan 23 j 09:03	0°♐	
evening rise	-9491 Feb 14 j 03:26	26°♐43'06	
	-9491 Feb 16 j 19:34	0°♑	
greatest brilliancy	-9491 Feb 19 j 17:35	3°♑35'00	-3.9m
	-9491 Mar 13 j 06:09	0°♒	
asc. node	-9491 Mar 20 j 10:27	8°♒48'14	
	-9491 Apr 06 j 18:03	0°♓	
	-9491 May 01 j 08:26	0°♈	
	-9491 May 26 j 02:59	0°♉	
	-9491 Jun 20 j 05:19	0°♊	
desc. node	-9491 Jul 11 j 08:54	24°♊41'51	
	-9491 Jul 16 j 00:08	0°♋	
	-9491 Aug 12 j 11:29	0°♌	
evening max el	-9491 Aug 14 j 04:31	1°♌45'11	47°45'27
	-9491 Sep 16 j 09:39	0°♍	
greatest brilliancy	-9491 Sep 24 j 05:12	3°♍48'56	-4.9m
retrograde	-9491 Oct 04 j 09:31	5°♍48'44	
evening set	-9491 Oct 19 j 08:21	1°♍13'30	
	-9491 Oct 21 j 09:52	30°℞♌	
min. Earth dist.	-9491 Oct 24 j 13:35	28°♌00'44	0.27516 AU
inferior conj	-9491 Oct 25 j 05:54	27°♌34'38	-1°28'55
minimum elong	-9491 Oct 25 j 08:59	27°♌29'41	1°27'37
morning rise	-9491 Oct 31 j 10:37	23°♌48'31	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

asc. node	-9491 Oct 31 j 08:22	23°♌51'37	
direct	-9491 Nov 14 j 20:37	19°♌36'51	
greatest brilliancy	-9491 Nov 23 j 23:07	21°♌11'15	-4.8m
	-9491 Dec 10 j 04:53	0°♍	
morning max el	-9490 Jan 02 j 21:33	20°♍15'31	46°02'18
	-9490 Jan 12 j 17:56	0°♎	
	-9490 Feb 09 j 21:58	0°♏	
desc. node	-9490 Feb 21 j 07:12	12°♏42'43	
	-9490 Mar 08 j 10:39	0°♐	
	-9490 Apr 03 j 00:42	0°♑	
	-9490 Apr 27 j 22:23	0°♒	
	-9490 May 22 j 07:43	0°♓	
asc. node	-9490 Jun 12 j 23:43	27°♓02'56	
	-9490 Jun 15 j 08:08	0°♈	
morning set	-9490 Jun 27 j 23:19	15°♈54'24	
	-9490 Jul 09 j 03:02	0°♉	
	-9490 Aug 01 j 19:55	0°♊	
superior conj	-9490 Aug 06 j 15:45	6°♊06'21	1°23'11
minimum elong	-9490 Aug 06 j 14:58	6°♊03'52	1°23'41
max. Earth dist.	-9490 Aug 09 j 16:37	9°♊56'40	1.70726 AU
	-9490 Aug 25 j 13:59	0°♋	
evening rise	-9490 Sep 18 j 06:06	29°♋42'58	
	-9490 Sep 18 j 11:33	0°♌	
desc. node	-9490 Oct 03 j 17:31	19°♌01'14	
	-9490 Oct 12 j 13:43	0°♍	
	-9490 Nov 05 j 20:42	0°♎	
	-9490 Nov 30 j 09:06	0°♏	
	-9490 Dec 25 j 05:33	0°♐	
	-9489 Jan 19 j 16:12	0°♑	
asc. node	-9489 Jan 23 j 13:31	4°♑29'41	
	-9489 Feb 15 j 05:11	0°♒	
	-9489 Mar 16 j 03:01	0°♓	
evening max el	-9489 Mar 18 j 11:14	2°♓14'12	45°21'30
	-9489 Apr 26 j 11:06	0°♈	
greatest brilliancy	-9489 Apr 26 j 07:01	29°♓56'33	-4.8m
retrograde	-9489 May 06 j 04:56	1°♈41'55	
	-9489 May 15 j 14:43	30°℞♓	
desc. node	-9489 May 16 j 14:40	29°♓37'38	
evening set	-9489 May 20 j 18:01	27°♓44'59	
inferior conj	-9489 May 27 j 04:40	24°♓06'42	-2°31'29
minimum elong	-9489 May 26 j 23:05	24°♓15'01	2°29'59
min. Earth dist.	-9489 May 27 j 15:31	23°♓50'36	0.27096 AU
morning rise	-9489 Jun 02 j 03:13	20°♓41'54	
direct	-9489 Jun 17 j 04:07	16°♓22'14	
greatest brilliancy	-9489 Jun 28 j 13:21	18°♓43'59	-4.9m
	-9489 Jul 16 j 19:13	0°♈	
morning max el	-9489 Aug 06 j 16:53	19°♈12'35	46°44'48
	-9489 Aug 16 j 23:17	0°♉	
asc. node	-9489 Sep 05 j 12:21	21°♉55'39	
	-9489 Sep 12 j 10:40	0°♊	
	-9489 Oct 07 j 14:17	0°♋	
	-9489 Nov 01 j 08:10	0°♌	
	-9489 Nov 26 j 01:01	0°♍	
	-9489 Dec 20 j 19:07	0°♎	
desc. node	-9489 Dec 27 j 07:25	7°♎53'15	
	-9488 Jan 14 j 13:10	0°♏	
	-9488 Feb 08 j 04:52	0°♐	
morning set	-9488 Feb 10 j 04:56	2°♐26'44	
	-9488 Mar 03 j 16:46	0°♑	
max. Earth dist.	-9488 Mar 12 j 23:14	11°♑24'25	1.73450 AU
superior conj	-9488 Mar 16 j 18:18	16°♑05'02	-1°03'03
minimum elong	-9488 Mar 17 j 01:58	16°♑28'38	1°03'23
	-9488 Mar 28 j 00:51	0°♒	
asc. node	-9488 Apr 16 j 23:14	24°♒41'12	
evening rise	-9488 Apr 21 j 01:10	29°♒44'58	
	-9488 Apr 21 j 06:00	0°♓	
	-9488 May 15 j 09:28	0°♈	
	-9488 Jun 08 j 12:34	0°♉	
	-9488 Jul 02 j 17:06	0°♊	
	-9488 Jul 27 j 01:40	0°♋	
desc. node	-9488 Aug 07 j 19:46	14°♋20'56	
	-9488 Aug 20 j 18:09	0°♌	
	-9488 Sep 15 j 01:19	0°♍	
	-9488 Oct 11 j 16:11	0°♎	
evening max el	-9488 Oct 23 j 16:09	12°♎33'13	46°21'03
	-9488 Nov 11 j 12:23	0°♏	
asc. node	-9488 Nov 27 j 18:54	11°♏01'47	
greatest brilliancy	-9488 Dec 01 j 10:46	12°♏41'27	-4.8m
retrograde	-9488 Dec 12 j 16:48	15°♏04'19	
evening set	-9488 Dec 29 j 03:06	9°♏43'13	
min. Earth dist.	-9487 Jan 02 j 16:35	6°♏51'57	0.29346 AU
inferior conj	-9487 Jan 03 j 01:28	6°♏37'39	6°56'15
minimum elong	-9487 Jan 02 j 17:41	6°♏50'11	6°54'49
morning rise	-9487 Jan 07 j 08:30	3°♏55'05	
	-9487 Jan 15 j 01:28	30°℞♎	
direct	-9487 Jan 24 j 16:12	28°♎08'35	
greatest brilliancy	-9487 Feb 02 j 22:05	29°♎41'34	-4.7m
	-9487 Feb 03 j 20:07	0°♏	
morning max el	-9487 Mar 14 j 11:51	27°♏43'32	45°58'26
	-9487 Mar 16 j 20:56	0°♐	
desc. node	-9487 Mar 20 j 19:01	3°♐49'51	
	-9487 Apr 14 j 16:48	0°♑	
	-9487 May 11 j 01:30	0°♒	
	-9487 Jun 05 j 04:52	0°♓	
	-9487 Jun 29 j 14:36	0°♈	
asc. node	-9487 Jul 10 j 13:08	13°♈38'30	
	-9487 Jul 23 j 13:49	0°♉	
	-9487 Aug 16 j 08:07	0°♊	
	-9487 Sep 09 j 02:11	0°♋	
morning set	-9487 Sep 12 j 03:24	3°♋50'36	
	-9487 Oct 02 j 23:23	0°♌	
superior conj	-9487 Oct 24 j 13:41	26°♌55'21	0°15'10
minimum elong	-9487 Oct 24 j 17:49	27°♌08'12	0°15'20
behind sun begin	-9487 Oct 24 j 08:46	26°♌40'04	
behind sun end	-9487 Oct 25 j 02:52	27°♌36'19	
	-9487 Oct 27 j 01:09	0°♍	
max. Earth dist.	-9487 Oct 30 j 07:11	4°♍02'03	1.72235 AU
desc. node	-9487 Oct 31 j 06:37	5°♍14'42	
	-9487 Nov 20 j 07:06	0°♎	
evening rise	-9487 Dec 04 j 19:50	17°♎54'07	
	-9487 Dec 14 j 16:03	0°♏	
	-9486 Jan 08 j 03:34	0°♐	
	-9486 Feb 01 j 18:54	0°♑	
asc. node	-9486 Feb 20 j 00:45	22°♑00'35	
	-9486 Feb 26 j 16:48	0°♒	
	-9486 Mar 24 j 00:53	0°♓	
	-9486 Apr 19 j 00:39	0°♈	
	-9486 May 16 j 05:53	0°♉	
evening max el	-9486 May 31 j 03:06	15°♉17'08	47°03'23
desc. node	-9486 Jun 13 j 00:49	27°♉22'26	
	-9486 Jun 16 j 01:48	0°♊	
greatest brilliancy	-9486 Jul 11 j 08:17	15°♊58'49	-4.9m
retrograde	-9486 Jul 20 j 15:04	17°♊36'08	
evening set	-9486 Aug 07 j 11:28	11°♊31'55	
inferior conj	-9486 Aug 10 j 07:00	9°♊50'02	-8°55'38
minimum elong	-9486 Aug 10 j 08:29	9°♊47'47	8°55'05
min. Earth dist.	-9486 Aug 09 j 20:48	10°♊05'31	0.26584 AU
morning rise	-9486 Aug 13 j 05:35	8°♊04'04	
direct	-9486 Aug 30 j 12:34	2°♊17'25	
greatest brilliancy	-9486 Sep 09 j 12:48	4°♊13'25	-4.9m
asc. node	-9486 Oct 02 j 23:50	19°♊29'52	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9486 Oct 14 j 09:34	0°♋	
morning max el	-9486 Oct 19 j 23:22	5°♋32'22	46°31'03
	-9486 Nov 11 j 21:00	0°♌	
	-9486 Dec 08 j 07:41	0°♍	
	-9485 Jan 03 j 02:44	0°♎	
desc. node	-9485 Jan 23 j 20:38	24°♎25'50	
	-9485 Jan 28 j 13:27	0°♏	
	-9485 Feb 22 j 16:26	0°♐	
	-9485 Mar 19 j 11:11	0°♑	
	-9485 Apr 12 j 22:03	0°♒	
morning set	-9485 Apr 17 j 15:05	5°♒49'10	
	-9485 May 07 j 02:18	0°♓	
asc. node	-9485 May 15 j 12:26	10°♓30'57	
max. Earth dist.	-9485 May 19 j 08:51	15°♓19'53	1.71857 AU
superior conj	-9485 May 23 j 12:38	20°♓32'14	0°18'34
minimum elong	-9485 May 23 j 08:58	20°♓20'44	0°18'13
	-9485 May 31 j 01:44	0°♈	
	-9485 Jun 23 j 22:22	0°♉	
evening rise	-9485 Jun 29 j 20:55	7°♉28'36	
	-9485 Jul 17 j 18:32	0°♊	
	-9485 Aug 10 j 16:39	0°♋	
	-9485 Sep 03 j 18:55	0°♌	
desc. node	-9485 Sep 05 j 07:20	1°♌52'47	
	-9485 Sep 28 j 03:11	0°♍	
	-9485 Oct 22 j 19:59	0°♎	
	-9485 Nov 17 j 03:28	0°♏	
	-9485 Dec 13 j 17:47	0°♐	
asc. node	-9485 Dec 26 j 05:09	13°♐07'48	
evening max el	-9484 Jan 03 j 10:17	21°♐16'50	45°00'33
	-9484 Jan 12 j 21:29	0°♑	
greatest brilliancy	-9484 Feb 09 j 21:45	18°♑29'44	-4.7m
retrograde	-9484 Feb 20 j 10:36	20°♑28'01	
evening set	-9484 Mar 08 j 08:57	15°♑07'26	
inferior conj	-9484 Mar 12 j 20:35	12°♑24'07	6°47'07
minimum elong	-9484 Mar 13 j 04:46	12°♑11'24	6°45'20
min. Earth dist.	-9484 Mar 13 j 23:30	11°♑42'17	0.29118 AU
morning rise	-9484 Mar 18 j 00:07	9°♑16'32	
direct	-9484 Apr 03 j 20:04	3°♑59'34	
greatest brilliancy	-9484 Apr 14 j 22:45	6°♑11'35	-4.7m
desc. node	-9484 Apr 17 j 06:12	7°♑08'32	
	-9484 May 18 j 08:16	0°♒	
morning max el	-9484 May 23 j 12:34	4°♒58'31	46°22'07
	-9484 Jun 16 j 06:56	0°♓	
	-9484 Jul 12 j 06:52	0°♈	
	-9484 Aug 06 j 01:19	0°♉	
asc. node	-9484 Aug 07 j 02:14	1°♉16'34	
	-9484 Aug 30 j 06:03	0°♊	
	-9484 Sep 23 j 06:15	0°♋	
	-9484 Oct 17 j 07:43	0°♌	
	-9484 Nov 10 j 13:06	0°♍	
desc. node	-9484 Nov 27 j 19:58	21°♍17'19	
morning set	-9484 Nov 28 j 01:45	21°♍35'05	
	-9484 Dec 04 j 22:11	0°♎	
	-9484 Dec 29 j 09:07	0°♏	
superior conj	-9483 Jan 06 j 11:52	9°♏56'56	-1°12'32
minimum elong	-9483 Jan 06 j 04:36	9°♏34'39	1°12'42
max. Earth dist.	-9483 Jan 06 j 08:30	9°♏46'34	1.73668 AU
	-9483 Jan 22 j 20:08	0°♐	
evening rise	-9483 Feb 11 j 22:40	24°♐40'40	
	-9483 Feb 16 j 06:41	0°♑	
greatest brilliancy	-9483 Feb 18 j 07:09	2°♑28'47	-3.9m
	-9483 Mar 12 j 17:27	0°♒	
asc. node	-9483 Mar 19 j 12:47	8°♒20'30	
	-9483 Apr 06 j 05:43	0°♓	
	-9483 Apr 30 j 20:41	0°♈	
	-9483 May 25 j 16:05	0°♉	
	-9483 Jun 19 j 19:45	0°♊	
desc. node	-9483 Jul 10 j 11:04	24°♊01'35	
	-9483 Jul 15 j 16:54	0°♋	
evening max el	-9483 Aug 11 j 18:54	29°♋21'19	47°46'30
	-9483 Aug 12 j 10:06	0°♌	
	-9483 Sep 18 j 11:15	0°♍	
greatest brilliancy	-9483 Sep 21 j 22:32	1°♍28'43	-4.9m
retrograde	-9483 Oct 02 j 00:07	3°♍26'18	
	-9483 Oct 14 j 21:02	30°℞♌	
evening set	-9483 Oct 17 j 00:51	28°♌49'36	
min. Earth dist.	-9483 Oct 22 j 05:23	25°♌38'05	0.27458 AU
inferior conj	-9483 Oct 22 j 20:51	25°♌13'20	-1°50'20
minimum elong	-9483 Oct 23 j 00:40	25°♌07'14	1°48'48
morning rise	-9483 Oct 29 j 01:22	21°♌27'25	
asc. node	-9483 Oct 30 j 10:38	20°♌43'13	
direct	-9483 Nov 12 j 10:19	17°♌16'36	
greatest brilliancy	-9483 Nov 21 j 14:43	18°♌52'21	-4.8m
	-9483 Dec 10 j 22:40	0°♍	
morning max el	-9483 Dec 31 j 11:42	17°♍57'56	46°03'04
	-9482 Jan 12 j 13:41	0°♎	
	-9482 Feb 09 j 13:07	0°♏	
desc. node	-9482 Feb 20 j 09:22	12°♏08'47	
	-9482 Mar 07 j 23:52	0°♐	
	-9482 Apr 02 j 12:55	0°♑	
	-9482 Apr 27 j 10:05	0°♒	
	-9482 May 21 j 19:09	0°♓	
asc. node	-9482 Jun 12 j 01:49	26°♓33'56	
	-9482 Jun 14 j 19:28	0°♈	
morning set	-9482 Jun 25 j 13:28	13°♈31'53	
	-9482 Jul 08 j 14:24	0°♉	
	-9482 Aug 01 j 07:21	0°♊	
superior conj	-9482 Aug 04 j 02:19	3°♊31'49	1°22'58
minimum elong	-9482 Aug 04 j 00:31	3°♊26'07	1°23'27
max. Earth dist.	-9482 Aug 06 j 15:46	6°♊46'08	1.70722 AU
	-9482 Aug 25 j 01:28	0°♋	
evening rise	-9482 Sep 15 j 13:10	26°♋58'56	
	-9482 Sep 17 j 23:05	0°♌	
desc. node	-9482 Oct 02 j 19:46	18°♌32'13	
	-9482 Oct 12 j 01:18	0°♍	
	-9482 Nov 05 j 08:25	0°♎	
	-9482 Nov 29 j 21:05	0°♏	
	-9482 Dec 24 j 18:04	0°♐	
	-9481 Jan 19 j 05:51	0°♑	
asc. node	-9481 Jan 22 j 15:44	3°♑56'03	
	-9481 Feb 14 j 21:21	0°♒	
evening max el	-9481 Mar 16 j 00:57	29°♒56'33	45°19'11
	-9481 Mar 16 j 02:25	0°♓	
greatest brilliancy	-9481 Apr 23 j 18:46	27°♓34'35	-4.8m
retrograde	-9481 May 03 j 18:09	29°♓21'04	
desc. node	-9481 May 15 j 16:44	26°♓37'42	
evening set	-9481 May 18 j 06:25	25°♓24'09	
inferior conj	-9481 May 24 j 17:43	21°♓45'06	-2°09'36
minimum elong	-9481 May 24 j 12:53	21°♓52'16	2°08'19
min. Earth dist.	-9481 May 25 j 05:41	21°♓27'20	0.27151 AU
morning rise	-9481 May 30 j 18:27	18°♓17'39	
direct	-9481 Jun 14 j 18:12	13°♓59'16	
greatest brilliancy	-9481 Jun 26 j 04:32	16°♓22'23	-4.9m
	-9481 Jul 17 j 07:51	0°♈	
morning max el	-9481 Aug 04 j 07:20	16°♈48'48	46°44'29
	-9481 Aug 16 j 18:51	0°♉	
asc. node	-9481 Sep 04 j 14:41	21°♉15'10	
	-9481 Sep 12 j 02:15	0°♊	
	-9481 Oct 07 j 04:08	0°♋	
	-9481 Oct 31 j 21:02	0°♌	
	-9481 Nov 25 j 13:14	0°♍	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9481 Dec 20 j 06:52	0°♎	
desc. node	-9481 Dec 26 j 09:31	7°♎24'18	
	-9480 Jan 14 j 00:35	0°♏	
morning set	-9480 Feb 07 j 22:55	0°♐20'56	
	-9480 Feb 07 j 16:03	0°♐	
	-9480 Mar 03 j 03:50	0°♑	
max. Earth dist.	-9480 Mar 10 j 22:06	9°♑32'56	1.73483 AU
superior conj	-9480 Mar 14 j 13:59	14°♑03'41	-1°04'51
minimum elong	-9480 Mar 14 j 21:31	14°♑26'54	1°05'12
	-9480 Mar 27 j 11:54	0°♒	
asc. node	-9480 Apr 16 j 01:27	24°♒13'33	
evening rise	-9480 Apr 18 j 20:37	27°♒41'50	
	-9480 Apr 20 j 17:10	0°♓	
	-9480 May 14 j 20:51	0°♈	
	-9480 Jun 08 j 00:15	0°♉	
	-9480 Jul 02 j 05:12	0°♊	
	-9480 Jul 26 j 14:21	0°♋	
desc. node	-9480 Aug 06 j 21:58	13°♋47'58	
	-9480 Aug 20 j 07:41	0°♌	
	-9480 Sep 14 j 16:24	0°♍	
	-9480 Oct 11 j 10:50	0°♎	
evening max el	-9480 Oct 21 j 08:49	10°♎19'38	46°24'45
	-9480 Nov 11 j 23:06	0°♏	
asc. node	-9480 Nov 26 j 21:05	9°♏31'50	
greatest brilliancy	-9480 Nov 29 j 03:47	10°♏31'22	-4.8m
retrograde	-9480 Dec 10 j 10:55	12°♏55'09	
evening set	-9480 Dec 26 j 18:01	7°♏37'23	
inferior conj	-9480 Dec 31 j 18:41	4°♏28'09	6°46'39
minimum elong	-9480 Dec 31 j 10:38	4°♏41'05	6°45'08
min. Earth dist.	-9480 Dec 31 j 08:17	4°♏44'53	0.29301 AU
morning rise	-9479 Jan 05 j 03:37	1°♏42'53	
	-9479 Jan 08 j 03:31	30°℞♎	
direct	-9479 Jan 22 j 09:08	25°♎59'52	
greatest brilliancy	-9479 Jan 31 j 12:54	27°♎31'38	-4.7m
	-9479 Feb 06 j 15:15	0°♏	
morning max el	-9479 Mar 12 j 04:57	25°♏36'44	45°58'01
	-9479 Mar 16 j 18:18	0°♐	
desc. node	-9479 Mar 19 j 21:19	3°♐05'18	
	-9479 Apr 14 j 08:20	0°♑	
	-9479 May 10 j 14:55	0°♒	
	-9479 Jun 04 j 17:16	0°♓	
	-9479 Jun 29 j 02:28	0°♈	
asc. node	-9479 Jul 09 j 15:20	13°♈08'44	
	-9479 Jul 23 j 01:25	0°♉	
	-9479 Aug 15 j 19:34	0°♊	
	-9479 Sep 08 j 13:34	0°♋	
morning set	-9479 Sep 09 j 13:06	1°♋14'10	
	-9479 Oct 02 j 10:43	0°♌	
superior conj	-9479 Oct 21 j 22:56	24°♌19'47	0°18'58
minimum elong	-9479 Oct 22 j 04:04	24°♌35'43	0°19'07
	-9479 Oct 26 j 12:27	0°♍	
max. Earth dist.	-9479 Oct 27 j 21:03	1°♍41'08	1.72172 AU
desc. node	-9479 Oct 30 j 08:38	4°♍45'55	
	-9479 Nov 19 j 18:22	0°♎	
evening rise	-9479 Dec 02 j 09:28	15°♎33'52	
	-9479 Dec 14 j 03:17	0°♏	
	-9478 Jan 07 j 14:54	0°♐	
	-9478 Feb 01 j 06:33	0°♑	
asc. node	-9478 Feb 19 j 03:04	21°♑31'16	
	-9478 Feb 26 j 05:05	0°♒	
	-9478 Mar 23 j 14:18	0°♓	
	-9478 Apr 18 j 16:05	0°♈	
	-9478 May 16 j 01:39	0°♉	
evening max el	-9478 May 28 j 17:15	12°♉54'20	46°59'57
desc. node	-9478 Jun 12 j 03:03	26°♉16'36	
	-9478 Jun 16 j 14:01	0°♊	
greatest brilliancy	-9478 Jul 08 j 19:36	13°♊27'46	-4.9m
retrograde	-9478 Jul 18 j 03:19	15°♊05'16	
evening set	-9478 Aug 04 j 23:04	9°♊02'51	
inferior conj	-9478 Aug 07 j 19:07	7°♊20'11	-8°56'33
minimum elong	-9478 Aug 07 j 19:39	7°♊19'22	8°56'02
min. Earth dist.	-9478 Aug 07 j 08:38	7°♊36'07	0.26573 AU
morning rise	-9478 Aug 10 j 16:19	5°♊36'16	
	-9478 Aug 24 j 23:47	30°℞♉	
direct	-9478 Aug 28 j 01:20	29°♉48'21	
	-9478 Aug 31 j 03:43	0°♊	
greatest brilliancy	-9478 Sep 07 j 01:15	1°♊43'53	-4.9m
asc. node	-9478 Oct 02 j 02:04	18°♊22'45	
	-9478 Oct 14 j 10:30	0°♋	
morning max el	-9478 Oct 17 j 12:11	3°♋04'55	46°31'47
	-9478 Nov 11 j 14:08	0°♌	
	-9478 Dec 07 j 22:03	0°♍	
	-9477 Jan 02 j 15:41	0°♎	
desc. node	-9477 Jan 22 j 22:50	23°♎56'13	
	-9477 Jan 28 j 01:32	0°♏	
	-9477 Feb 22 j 03:57	0°♐	
	-9477 Mar 18 j 22:21	0°♑	
	-9477 Apr 12 j 09:04	0°♒	
morning set	-9477 Apr 15 j 10:01	3°♒45'20	
	-9477 May 06 j 13:18	0°♓	
asc. node	-9477 May 14 j 14:28	10°♓02'51	
max. Earth dist.	-9477 May 16 j 22:27	12°♓57'51	1.71921 AU
superior conj	-9477 May 21 j 05:49	18°♓21'12	0°15'25
minimum elong	-9477 May 21 j 02:46	18°♓11'40	0°15'05
behind sun begin	-9477 May 20 j 19:02	17°♓47'28	
behind sun end	-9477 May 21 j 10:30	18°♓35'52	
	-9477 May 30 j 12:48	0°♈	
	-9477 Jun 23 j 09:34	0°♉	
evening rise	-9477 Jun 27 j 11:01	5°♉06'36	
	-9477 Jul 17 j 05:52	0°♊	
	-9477 Aug 10 j 04:10	0°♋	
	-9477 Sep 03 j 06:40	0°♌	
desc. node	-9477 Sep 04 j 09:35	1°♌23'22	
	-9477 Sep 27 j 15:15	0°♍	
	-9477 Oct 22 j 08:38	0°♎	
	-9477 Nov 16 j 17:20	0°♏	
	-9477 Dec 13 j 10:36	0°♐	
asc. node	-9477 Dec 25 j 07:25	12°♐23'54	
evening max el	-9476 Jan 01 j 00:54	19°♐03'04	45°01'46
	-9476 Jan 13 j 01:32	0°♑	
greatest brilliancy	-9476 Feb 07 j 13:44	16°♑21'58	-4.7m
retrograde	-9476 Feb 18 j 02:16	18°♑20'36	
evening set	-9476 Mar 06 j 03:23	12°♑56'11	
inferior conj	-9476 Mar 10 j 13:00	10°♑15'39	6°56'51
minimum elong	-9476 Mar 10 j 20:51	10°♑03'25	6°55'10
min. Earth dist.	-9476 Mar 11 j 15:34	9°♑34'14	0.29173 AU
morning rise	-9476 Mar 15 j 13:50	7°♑11'29	
direct	-9476 Apr 01 j 12:13	1°♑50'05	
greatest brilliancy	-9476 Apr 12 j 14:32	4°♑01'09	-4.7m
desc. node	-9476 Apr 16 j 08:16	5°♑37'12	
	-9476 May 18 j 08:18	0°♒	
morning max el	-9476 May 21 j 03:12	2°♒41'59	46°21'06
	-9476 Jun 15 j 23:23	0°♓	
	-9476 Jul 11 j 20:49	0°♈	
	-9476 Aug 05 j 14:06	0°♉	
asc. node	-9476 Aug 06 j 04:27	0°♉44'08	
	-9476 Aug 29 j 18:11	0°♊	
	-9476 Sep 22 j 17:59	0°♋	
	-9476 Oct 16 j 19:10	0°♌	
	-9476 Nov 10 j 00:18	0°♍	
morning set	-9476 Nov 25 j 14:32	19°♍12'52	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

desc. node	-9476 Nov 26 j 22:02	20°♍49'43	
	-9476 Dec 04 j 09:11	0°♎	
	-9476 Dec 28 j 20:00	0°♏	
superior conj	-9475 Jan 04 j 04:28	7°♏47'20	-1°11'04
minimum elong	-9475 Jan 03 j 20:46	7°♏23'44	1°11'11
max. Earth dist.	-9475 Jan 04 j 03:51	7°♏45'28	1.73646 AU
	-9475 Jan 22 j 06:59	0°♐	
evening rise	-9475 Feb 09 j 17:34	22°♐37'58	
	-9475 Feb 15 j 17:35	0°♑	
greatest brilliancy	-9475 Feb 16 j 18:52	1°♑17'36	-3.9m
	-9475 Mar 12 j 04:34	0°♒	
asc. node	-9475 Mar 18 j 14:56	7°♒52'46	
	-9475 Apr 05 j 17:12	0°♓	
	-9475 Apr 30 j 08:45	0°♈	
	-9475 May 25 j 05:02	0°♉	
	-9475 Jun 19 j 10:03	0°♊	
desc. node	-9475 Jul 09 j 13:20	23°♊22'05	
	-9475 Jul 15 j 09:41	0°♋	
evening max el	-9475 Aug 09 j 08:49	26°♋57'09	47°47'30
	-9475 Aug 12 j 09:17	0°♌	
greatest brilliancy	-9475 Sep 19 j 15:36	29°♌08'55	-4.9m
	-9475 Sep 22 j 05:45	0°♍	
retrograde	-9475 Sep 29 j 14:52	1°♍04'53	
	-9475 Oct 06 j 18:38	30°℞♌	
evening set	-9475 Oct 14 j 17:25	26°♌26'09	
inferior conj	-9475 Oct 20 j 11:44	22°♌52'55	-2°11'38
minimum elong	-9475 Oct 20 j 16:16	22°♌45'41	2°09'53
min. Earth dist.	-9475 Oct 19 j 21:02	23°♌16'24	0.27401 AU
morning rise	-9475 Oct 26 j 15:53	19°♌07'41	
asc. node	-9475 Oct 29 j 12:45	17°♌40'01	
direct	-9475 Nov 09 j 23:53	14°♌57'08	
greatest brilliancy	-9475 Nov 19 j 06:12	16°♌34'31	-4.8m
	-9475 Dec 11 j 11:22	0°♍	
morning max el	-9475 Dec 29 j 02:18	15°♍42'34	46°03'51
	-9474 Jan 12 j 08:24	0°♎	
	-9474 Feb 09 j 03:42	0°♏	
desc. node	-9474 Feb 19 j 11:35	11°♏36'13	
	-9474 Mar 07 j 12:41	0°♐	
	-9474 Apr 02 j 00:50	0°♑	
	-9474 Apr 26 j 21:30	0°♒	
	-9474 May 21 j 06:18	0°♓	
asc. node	-9474 Jun 11 j 04:01	26°♓06'09	
	-9474 Jun 14 j 06:31	0°♈	
morning set	-9474 Jun 23 j 03:37	11°♈10'22	
	-9474 Jul 08 j 01:27	0°♉	
	-9474 Jul 31 j 18:28	0°♊	
superior conj	-9474 Aug 01 j 12:54	0°♊58'18	1°22'35
minimum elong	-9474 Aug 01 j 10:05	0°♊49'25	1°23'02
max. Earth dist.	-9474 Aug 03 j 18:51	3°♊48'57	1.70721 AU
	-9474 Aug 24 j 12:39	0°♋	
evening rise	-9474 Sep 12 j 20:20	24°♋16'05	
	-9474 Sep 17 j 10:18	0°♌	
desc. node	-9474 Oct 01 j 21:47	18°♌03'27	
	-9474 Oct 11 j 12:34	0°♍	
	-9474 Nov 04 j 19:46	0°♎	
	-9474 Nov 29 j 08:41	0°♏	
	-9474 Dec 24 j 06:13	0°♐	
	-9473 Jan 18 j 19:11	0°♑	
asc. node	-9473 Jan 21 j 18:02	3°♑23'44	
	-9473 Feb 14 j 13:24	0°♒	
evening max el	-9473 Mar 13 j 15:25	27°♒41'36	45°16'43
	-9473 Mar 16 j 02:34	0°♓	
greatest brilliancy	-9473 Apr 21 j 06:16	25°♓12'54	-4.8m
retrograde	-9473 May 01 j 07:19	27°♓00'17	
desc. node	-9473 May 14 j 18:58	23°♓33'19	
evening set	-9473 May 15 j 18:53	23°♓03'28	
inferior conj	-9473 May 22 j 06:32	19°♓23'38	-1°47'19
minimum elong	-9473 May 22 j 02:30	19°♓29'37	1°46'18
min. Earth dist.	-9473 May 22 j 19:29	19°♓04'25	0.27208 AU
morning rise	-9473 May 28 j 09:17	15°♓53'41	
direct	-9473 Jun 12 j 08:32	11°♓36'36	
greatest brilliancy	-9473 Jun 23 j 18:53	14°♓00'11	-4.9m
	-9473 Jul 17 j 17:05	0°♈	
morning max el	-9473 Aug 01 j 21:50	14°♈26'02	46°44'14
	-9473 Aug 16 j 13:38	0°♉	
asc. node	-9473 Sep 03 j 16:53	20°♉35'35	
	-9473 Sep 11 j 17:18	0°♊	
	-9473 Oct 06 j 17:32	0°♋	
	-9473 Oct 31 j 09:29	0°♌	
	-9473 Nov 25 j 01:04	0°♍	
	-9473 Dec 19 j 18:15	0°♎	
desc. node	-9473 Dec 25 j 11:42	6°♎56'46	
	-9472 Jan 13 j 11:37	0°♏	
morning set	-9472 Feb 05 j 17:05	28°♏16'54	
	-9472 Feb 07 j 02:51	0°♐	
	-9472 Mar 02 j 14:31	0°♑	
max. Earth dist.	-9472 Mar 08 j 21:33	7°♑44'26	1.73518 AU
superior conj	-9472 Mar 12 j 09:46	12°♑03'47	-1°06'33
minimum elong	-9472 Mar 12 j 17:09	12°♑26'29	1°06'56
	-9472 Mar 26 j 22:37	0°♒	
asc. node	-9472 Apr 15 j 03:30	23°♒46'15	
evening rise	-9472 Apr 16 j 16:05	25°♒39'38	
	-9472 Apr 20 j 04:04	0°♓	
	-9472 May 14 j 08:01	0°♈	
	-9472 Jun 07 j 11:47	0°♉	
	-9472 Jul 01 j 17:09	0°♊	
	-9472 Jul 26 j 02:51	0°♋	
desc. node	-9472 Aug 06 j 00:12	13°♋15'44	
	-9472 Aug 19 j 21:03	0°♌	
	-9472 Sep 14 j 07:21	0°♍	
	-9472 Oct 11 j 05:37	0°♎	
evening max el	-9472 Oct 19 j 01:46	8°♎07'36	46°28'28
	-9472 Nov 12 j 12:53	0°♏	
asc. node	-9472 Nov 25 j 23:25	8°♏00'13	
greatest brilliancy	-9472 Nov 26 j 21:39	8°♏23'19	-4.8m
retrograde	-9472 Dec 08 j 05:02	10°♏47'00	
evening set	-9472 Dec 24 j 09:08	5°♏32'54	
min. Earth dist.	-9472 Dec 29 j 00:16	2°♏38'54	0.29250 AU
inferior conj	-9472 Dec 29 j 12:03	2°♏19'55	6°36'28
minimum elong	-9472 Dec 29 j 03:48	2°♏33'13	6°34'53
	-9471 Jan 02 j 04:18	30°℞♎	
morning rise	-9471 Jan 02 j 22:53	29°♎31'44	
direct	-9471 Jan 20 j 02:17	23°♎52'38	
greatest brilliancy	-9471 Jan 29 j 03:41	25°♎22'49	-4.7m
	-9471 Feb 08 j 07:26	0°♏	
morning max el	-9471 Mar 09 j 21:30	23°♏29'48	45°57'35
	-9471 Mar 16 j 14:29	0°♐	
desc. node	-9471 Mar 18 j 23:21	2°♐21'50	
	-9471 Apr 13 j 23:17	0°♑	
	-9471 May 10 j 03:56	0°♒	
	-9471 Jun 04 j 05:25	0°♓	
	-9471 Jun 28 j 14:12	0°♈	
asc. node	-9471 Jul 08 j 17:33	12°♈39'24	
	-9471 Jul 22 j 12:55	0°♉	
	-9471 Aug 15 j 06:55	0°♊	
morning set	-9471 Sep 06 j 22:35	28°♊37'18	
	-9471 Sep 08 j 00:49	0°♋	
	-9471 Oct 01 j 21:54	0°♌	
superior conj	-9471 Oct 19 j 08:00	21°♌44'07	0°22'44
minimum elong	-9471 Oct 19 j 14:06	22°♌03'02	0°22'52

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

max. Earth dist.	-9471 Oct 25 j 13:02	29°♌27'16	1.72104 AU
	-9471 Oct 25 j 23:35	0°♍	
desc. node	-9471 Oct 29 j 10:46	4°♍18'06	
	-9471 Nov 19 j 05:26	0°♎	
evening rise	-9471 Nov 29 j 23:01	13°♎13'47	
	-9471 Dec 13 j 14:21	0°♏	
	-9470 Jan 07 j 02:04	0°♐	
	-9470 Jan 31 j 18:02	0°♑	
asc. node	-9470 Feb 18 j 05:16	21°♑02'15	
	-9470 Feb 25 j 17:12	0°♒	
	-9470 Mar 23 j 03:34	0°♓	
	-9470 Apr 18 j 07:29	0°♈	
	-9470 May 15 j 21:49	0°♉	
evening max el	-9470 May 26 j 06:18	10°♉29'09	46°56'06
desc. node	-9470 Jun 11 j 05:19	25°♉09'06	
	-9470 Jun 17 j 06:11	0°♊	
greatest brilliancy	-9470 Jul 06 j 07:15	10°♊56'37	-4.9m
retrograde	-9470 Jul 15 j 14:43	12°♊33'34	
evening set	-9470 Aug 02 j 09:46	6°♊34'01	
inferior conj	-9470 Aug 05 j 06:59	4°♊49'37	-8°56'14
minimum elong	-9470 Aug 05 j 06:32	4°♊50'19	8°55'46
min. Earth dist.	-9470 Aug 04 j 20:42	5°♊05'16	0.26567 AU
morning rise	-9470 Aug 08 j 03:22	3°♊06'51	
	-9470 Aug 14 j 00:29	30°℞♉	
direct	-9470 Aug 25 j 13:21	27°♉18'14	
greatest brilliancy	-9470 Sep 04 j 14:12	29°♉14'04	-4.9m
	-9470 Sep 06 j 12:13	0°♊	
asc. node	-9470 Oct 01 j 04:11	17°♊16'39	
	-9470 Oct 14 j 10:26	0°♋	
morning max el	-9470 Oct 14 j 23:58	0°♋34'16	46°32'46
	-9470 Nov 11 j 06:59	0°♌	
	-9470 Dec 07 j 12:15	0°♍	
	-9469 Jan 02 j 04:28	0°♎	
desc. node	-9469 Jan 22 j 00:56	23°♎26'40	
	-9469 Jan 27 j 13:28	0°♏	
	-9469 Feb 21 j 15:21	0°♐	
	-9469 Mar 18 j 09:26	0°♑	
	-9469 Apr 11 j 19:59	0°♒	
morning set	-9469 Apr 13 j 05:26	1°♒43'16	
	-9469 May 06 j 00:13	0°♓	
asc. node	-9469 May 13 j 16:45	9°♓35'55	
max. Earth dist.	-9469 May 14 j 15:11	10°♓46'01	1.71988 AU
superior conj	-9469 May 18 j 23:32	16°♓12'17	0°12'18
minimum elong	-9469 May 18 j 21:07	16°♓04'42	0°12'00
behind sun begin	-9469 May 18 j 05:54	15°♓17'05	
behind sun end	-9469 May 19 j 12:20	16°♓52'19	
	-9469 May 29 j 23:48	0°♈	
	-9469 Jun 22 j 20:42	0°♉	
evening rise	-9469 Jun 25 j 01:42	2°♉46'39	
	-9469 Jul 16 j 17:14	0°♊	
	-9469 Aug 09 j 15:48	0°♋	
	-9469 Sep 02 j 18:34	0°♌	
desc. node	-9469 Sep 03 j 11:38	0°♌52'47	
	-9469 Sep 27 j 03:30	0°♍	
	-9469 Oct 21 j 21:29	0°♎	
	-9469 Nov 16 j 07:26	0°♏	
	-9469 Dec 13 j 03:51	0°♐	
asc. node	-9469 Dec 24 j 09:43	11°♐39'23	
evening max el	-9469 Dec 29 j 15:15	16°♐48'33	45°03'20
	-9468 Jan 13 j 07:33	0°♑	
greatest brilliancy	-9468 Feb 05 j 05:29	14°♑14'15	-4.7m
retrograde	-9468 Feb 15 j 18:35	16°♑13'59	
evening set	-9468 Mar 03 j 21:58	10°♑45'35	
inferior conj	-9468 Mar 08 j 05:39	8°♑07'49	7°05'52
minimum elong	-9468 Mar 08 j 13:09	7°♑56'07	7°04'19
min. Earth dist.	-9468 Mar 09 j 07:47	7°♑27'05	0.29225 AU
morning rise	-9468 Mar 13 j 03:51	5°♑07'14	
	-9468 Mar 26 j 03:54	30°℞♐	
direct	-9468 Mar 30 j 04:27	29°♐41'09	
	-9468 Apr 03 j 07:01	0°♑	
greatest brilliancy	-9468 Apr 10 j 06:40	1°♑51'44	-4.7m
desc. node	-9468 Apr 15 j 10:28	4°♑09'28	
	-9468 May 18 j 07:14	0°♒	
morning max el	-9468 May 18 j 18:55	0°♒28'30	46°20'12
	-9468 Jun 15 j 15:31	0°♓	
	-9468 Jul 11 j 10:38	0°♈	
asc. node	-9468 Aug 05 j 06:37	0°♉11'35	
	-9468 Aug 05 j 02:52	0°♉	
	-9468 Aug 29 j 06:24	0°♊	
	-9468 Sep 22 j 05:54	0°♋	
	-9468 Oct 16 j 06:50	0°♌	
	-9468 Nov 09 j 11:45	0°♍	
morning set	-9468 Nov 23 j 02:40	16°♍47'40	
desc. node	-9468 Nov 26 j 00:16	20°♍21'48	
	-9468 Dec 03 j 20:25	0°♎	
	-9468 Dec 28 j 07:05	0°♏	
superior conj	-9467 Jan 01 j 20:35	5°♏35'44	-1°09'28
minimum elong	-9467 Jan 01 j 12:30	5°♏10'54	1°09'33
max. Earth dist.	-9467 Jan 01 j 22:16	5°♏40'50	1.73618 AU
	-9467 Jan 21 j 18:01	0°♐	
evening rise	-9467 Feb 07 j 12:23	20°♐34'30	
greatest brilliancy	-9467 Feb 15 j 05:56	0°♑03'49	-3.9m
	-9467 Feb 15 j 04:41	0°♑	
	-9467 Mar 11 j 15:52	0°♒	
asc. node	-9467 Mar 17 j 17:04	7°♒24'24	
	-9467 Apr 05 j 04:53	0°♓	
	-9467 Apr 29 j 21:02	0°♈	
	-9467 May 24 j 18:12	0°♉	
	-9467 Jun 19 j 00:36	0°♊	
desc. node	-9467 Jul 08 j 15:32	22°♊41'47	
	-9467 Jul 15 j 02:53	0°♋	
evening max el	-9467 Aug 06 j 23:07	24°♋33'32	47°48'12
	-9467 Aug 12 j 09:42	0°♌	
greatest brilliancy	-9467 Sep 17 j 07:48	26°♌46'49	-4.9m
retrograde	-9467 Sep 27 j 05:47	28°♌41'56	
evening set	-9467 Oct 12 j 09:52	24°♌00'39	
min. Earth dist.	-9467 Oct 17 j 12:12	20°♌53'12	0.27351 AU
inferior conj	-9467 Oct 18 j 02:23	20°♌30'37	-2°32'54
minimum elong	-9467 Oct 18 j 07:37	20°♌22'18	2°30'56
morning rise	-9467 Oct 24 j 06:03	16°♌46'34	
asc. node	-9467 Oct 28 j 15:08	14°♌39'12	
direct	-9467 Nov 07 j 13:34	12°♌35'38	
greatest brilliancy	-9467 Nov 16 j 21:14	14°♌14'27	-4.8m
	-9467 Dec 11 j 21:28	0°♍	
morning max el	-9467 Dec 26 j 17:44	13°♍27'46	46°04'41
	-9466 Jan 12 j 03:08	0°♎	
	-9466 Feb 08 j 18:29	0°♏	
desc. node	-9466 Feb 18 j 13:40	11°♏02'33	
	-9466 Mar 07 j 01:43	0°♐	
	-9466 Apr 01 j 12:58	0°♑	
	-9466 Apr 26 j 09:08	0°♒	
	-9466 May 20 j 17:41	0°♓	
asc. node	-9466 Jun 10 j 06:12	25°♓37'34	
	-9466 Jun 13 j 17:48	0°♈	
morning set	-9466 Jun 20 j 18:26	8°♈50'18	
	-9466 Jul 07 j 12:44	0°♉	
superior conj	-9466 Jul 30 j 00:12	28°♉26'24	1°22'01
minimum elong	-9466 Jul 29 j 20:28	28°♉14'36	1°22'26
	-9466 Jul 31 j 05:47	0°♊	
max. Earth dist.	-9466 Aug 01 j 01:34	1°♊02'32	1.70720 AU
	-9466 Aug 24 j 00:01	0°♋	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

evening rise	-9466 Sep 10 j 03:57	21°♋33'51	
	-9466 Sep 16 j 21:44	0°♌	
desc. node	-9466 Sep 30 j 23:58	17°♌34'27	
	-9466 Oct 11 j 00:07	0°♍	
	-9466 Nov 04 j 07:29	0°♎	
	-9466 Nov 28 j 20:42	0°♏	
	-9466 Dec 23 j 18:49	0°♐	
	-9465 Jan 18 j 09:03	0°♑	
asc. node	-9465 Jan 20 j 20:14	2°♑49'42	
	-9465 Feb 14 j 06:09	0°♒	
evening max el	-9465 Mar 11 j 06:35	25°♒27'32	45°14'29
	-9465 Mar 16 j 04:21	0°♓	
greatest brilliancy	-9465 Apr 18 j 18:17	22°♓51'34	-4.7m
retrograde	-9465 Apr 28 j 20:23	24°♓39'14	
evening set	-9465 May 13 j 07:50	20°♓42'32	
desc. node	-9465 May 13 j 21:18	20°♓25'04	
inferior conj	-9465 May 19 j 19:34	17°♓02'02	-1°25'07
minimum elong	-9465 May 19 j 16:20	17°♓06'49	1°24'22
min. Earth dist.	-9465 May 20 j 09:27	16°♓41'22	0.27263 AU
morning rise	-9465 May 26 j 00:03	13°♓29'35	
direct	-9465 Jun 09 j 23:09	9°♓13'56	
greatest brilliancy	-9465 Jun 21 j 08:56	11°♓37'06	-4.9m
	-9465 Jul 18 j 00:08	0°♈	
morning max el	-9465 Jul 30 j 12:08	12°♈02'08	46°43'58
	-9465 Aug 16 j 08:13	0°♉	
asc. node	-9465 Sep 02 j 18:59	19°♉55'22	
	-9465 Sep 11 j 08:25	0°♊	
	-9465 Oct 06 j 07:05	0°♋	
	-9465 Oct 30 j 22:09	0°♌	
	-9465 Nov 24 j 13:11	0°♍	
	-9465 Dec 19 j 05:58	0°♎	
desc. node	-9465 Dec 24 j 13:46	6°♎27'47	
	-9464 Jan 12 j 23:02	0°♏	
morning set	-9464 Feb 03 j 10:52	26°♏10'29	
	-9464 Feb 06 j 14:03	0°♐	
	-9464 Mar 02 j 01:36	0°♑	
max. Earth dist.	-9464 Mar 06 j 19:29	5°♑50'07	1.73547 AU
superior conj	-9464 Mar 10 j 05:17	10°♑01'53	-1°08'11
minimum elong	-9464 Mar 10 j 12:27	10°♑23'58	1°08'35
	-9464 Mar 26 j 09:42	0°♒	
evening rise	-9464 Apr 14 j 11:23	23°♒35'57	
asc. node	-9464 Apr 14 j 05:46	23°♒18'35	
	-9464 Apr 19 j 15:18	0°♓	
	-9464 May 13 j 19:31	0°♈	
	-9464 Jun 06 j 23:38	0°♉	
	-9464 Jul 01 j 05:26	0°♊	
	-9464 Jul 25 j 15:43	0°♋	
desc. node	-9464 Aug 05 j 02:19	12°♋42'04	
	-9464 Aug 19 j 10:48	0°♌	
	-9464 Sep 13 j 22:45	0°♍	
	-9464 Oct 11 j 01:10	0°♎	
evening max el	-9464 Oct 16 j 18:17	5°♎53'31	46°32'04
	-9464 Nov 13 j 07:56	0°♏	
greatest brilliancy	-9464 Nov 24 j 15:56	6°♏14'45	-4.8m
asc. node	-9464 Nov 25 j 01:40	6°♏24'22	
retrograde	-9464 Dec 05 j 22:36	8°♏37'36	
evening set	-9464 Dec 22 j 00:15	3°♏27'19	
min. Earth dist.	-9464 Dec 26 j 16:36	0°♏31'16	0.29201 AU
inferior conj	-9464 Dec 27 j 05:23	0°♏10'37	6°25'47
minimum elong	-9464 Dec 26 j 20:58	0°♏24'13	6°24'06
	-9464 Dec 27 j 11:58	30°℞♎	
morning rise	-9464 Dec 31 j 18:09	27°♎19'17	
direct	-9463 Jan 17 j 19:15	21°♎44'18	
greatest brilliancy	-9463 Jan 26 j 18:57	23°♎13'09	-4.7m
	-9463 Feb 09 j 12:02	0°♏	
morning max el	-9463 Mar 07 j 13:15	21°♏19'42	45°57'07
	-9463 Mar 16 j 10:34	0°♐	
desc. node	-9463 Mar 18 j 01:35	1°♐38'13	
	-9463 Apr 13 j 14:28	0°♑	
	-9463 May 09 j 17:15	0°♒	
	-9463 Jun 03 j 17:49	0°♓	
	-9463 Jun 28 j 02:08	0°♈	
asc. node	-9463 Jul 07 j 19:37	12°♈08'57	
	-9463 Jul 22 j 00:37	0°♉	
	-9463 Aug 14 j 18:30	0°♊	
morning set	-9463 Sep 04 j 08:06	25°♊59'42	
	-9463 Sep 07 j 12:19	0°♋	
	-9463 Oct 01 j 09:21	0°♌	
superior conj	-9463 Oct 16 j 17:09	19°♌07'47	0°26'27
minimum elong	-9463 Oct 17 j 00:09	19°♌29'35	0°26'34
max. Earth dist.	-9463 Oct 23 j 04:43	27°♌11'34	1.72031 AU
	-9463 Oct 25 j 10:57	0°♍	
desc. node	-9463 Oct 28 j 12:59	3°♍49'45	
	-9463 Nov 18 j 16:44	0°♎	
evening rise	-9463 Nov 27 j 12:23	10°♎52'24	
	-9463 Dec 13 j 01:39	0°♏	
	-9462 Jan 06 j 13:30	0°♐	
	-9462 Jan 31 j 05:49	0°♑	
asc. node	-9462 Feb 17 j 07:24	20°♑32'03	
	-9462 Feb 25 j 05:41	0°♒	
	-9462 Mar 22 j 17:16	0°♓	
	-9462 Apr 17 j 23:27	0°♈	
	-9462 May 15 j 18:58	0°♉	
evening max el	-9462 May 23 j 18:25	8°♉01'02	46°52'25
desc. node	-9462 Jun 10 j 07:28	23°♉58'51	
	-9462 Jun 18 j 04:02	0°♊	
greatest brilliancy	-9462 Jul 03 j 19:20	8°♊25'31	-4.9m
retrograde	-9462 Jul 13 j 01:54	10°♊01'44	
evening set	-9462 Jul 30 j 19:58	4°♊05'39	
inferior conj	-9462 Aug 02 j 18:55	2°♊18'51	-8°54'58
minimum elong	-9462 Aug 02 j 17:28	2°♊21'04	8°54'27
min. Earth dist.	-9462 Aug 02 j 09:04	2°♊33'49	0.26562 AU
morning rise	-9462 Aug 05 j 15:00	0°♊36'32	
	-9462 Aug 06 j 16:07	30°℞♉	
direct	-9462 Aug 23 j 00:58	24°♉47'37	
greatest brilliancy	-9462 Sep 02 j 03:46	26°♉44'35	-4.9m
	-9462 Sep 09 j 01:29	0°♊	
asc. node	-9462 Sep 30 j 06:35	16°♊12'26	
morning max el	-9462 Oct 12 j 11:43	28°♊02'48	46°33'46
	-9462 Oct 14 j 09:34	0°♋	
	-9462 Nov 10 j 23:43	0°♌	
	-9462 Dec 07 j 02:27	0°♍	
	-9461 Jan 01 j 17:19	0°♎	
desc. node	-9461 Jan 21 j 03:01	22°♎56'44	
	-9461 Jan 27 j 01:29	0°♏	
	-9461 Feb 21 j 02:52	0°♐	
	-9461 Mar 17 j 20:40	0°♑	
morning set	-9461 Apr 11 j 00:39	29°♑40'02	
	-9461 Apr 11 j 07:07	0°♒	
	-9461 May 05 j 11:20	0°♓	
max. Earth dist.	-9461 May 12 j 08:43	8°♓36'03	1.72053 AU
asc. node	-9461 May 12 j 18:55	9°♓07'54	
superior conj	-9461 May 16 j 17:06	14°♓02'14	0°09'10
minimum elong	-9461 May 16 j 15:18	13°♓56'39	0°08'51
behind sun begin	-9461 May 15 j 20:14	12°♓57'00	
behind sun end	-9461 May 17 j 10:23	14°♓56'18	
	-9461 May 29 j 10:58	0°♈	
	-9461 Jun 22 j 08:01	0°♉	
evening rise	-9461 Jun 22 j 16:24	0°♉26'19	
	-9461 Jul 16 j 04:44	0°♊	
	-9461 Aug 09 j 03:32	0°♋	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9461 Sep 02 j 06:34	0°♌	
desc. node	-9461 Sep 02 j 13:50	0°♌22'28	
	-9461 Sep 26 j 15:52	0°♍	
	-9461 Oct 21 j 10:30	0°♎	
	-9461 Nov 15 j 21:46	0°♏	
	-9461 Dec 12 j 21:32	0°♐	
asc. node	-9461 Dec 23 j 11:57	10°♐53'55	
evening max el	-9461 Dec 27 j 06:07	14°♐35'10	45°05'05
	-9460 Jan 13 j 16:01	0°♑	
greatest brilliancy	-9460 Feb 02 j 20:31	12°♑05'47	-4.7m
retrograde	-9460 Feb 13 j 11:21	14°♑07'26	
evening set	-9460 Mar 01 j 16:26	8°♑35'04	
inferior conj	-9460 Mar 05 j 22:19	5°♑59'53	7°14'12
minimum elong	-9460 Mar 06 j 05:25	5°♑48'49	7°12'46
min. Earth dist.	-9460 Mar 06 j 23:38	5°♑20'24	0.29278 AU
morning rise	-9460 Mar 10 j 17:57	3°♑03'01	
	-9460 Mar 16 j 15:48	30°℞♐	
direct	-9460 Mar 27 j 21:02	27°♐32'08	
greatest brilliancy	-9460 Apr 07 j 22:32	29°♐42'07	-4.7m
	-9460 Apr 08 j 17:08	0°♑	
desc. node	-9460 Apr 14 j 12:47	2°♑44'40	
morning max el	-9460 May 16 j 11:34	28°♑17'11	46°19'11
	-9460 May 18 j 05:25	0°♒	
	-9460 Jun 15 j 07:32	0°♓	
	-9460 Jul 11 j 00:28	0°♈	
asc. node	-9460 Aug 04 j 08:46	29°♈38'47	
	-9460 Aug 04 j 15:39	0°♉	
	-9460 Aug 28 j 18:37	0°♊	
	-9460 Sep 21 j 17:45	0°♋	
	-9460 Oct 15 j 18:26	0°♌	
	-9460 Nov 08 j 23:07	0°♍	
morning set	-9460 Nov 20 j 14:39	14°♍22'01	
desc. node	-9460 Nov 25 j 02:16	19°♍53'17	
	-9460 Dec 03 j 07:37	0°♎	
	-9460 Dec 27 j 18:09	0°♏	
superior conj	-9460 Dec 30 j 12:38	3°♏23'51	-1°07'45
minimum elong	-9460 Dec 30 j 04:09	2°♏57'52	1°07'47
max. Earth dist.	-9460 Dec 30 j 16:51	3°♏36'48	1.73589 AU
	-9459 Jan 21 j 05:01	0°♐	
evening rise	-9459 Feb 05 j 07:16	18°♐31'28	
greatest brilliancy	-9459 Feb 13 j 18:04	28°♐53'33	-3.9m
	-9459 Feb 14 j 15:43	0°♑	
	-9459 Mar 11 j 03:06	0°♒	
asc. node	-9459 Mar 16 j 19:24	6°♒56'56	
	-9459 Apr 04 j 16:31	0°♓	
	-9459 Apr 29 j 09:19	0°♈	
	-9459 May 24 j 07:27	0°♉	
	-9459 Jun 18 j 15:21	0°♊	
desc. node	-9459 Jul 07 j 17:42	22°♊00'48	
	-9459 Jul 14 j 20:27	0°♋	
evening max el	-9459 Aug 04 j 14:26	22°♋12'35	47°48'56
	-9459 Aug 12 j 11:18	0°♌	
greatest brilliancy	-9459 Sep 14 j 23:30	24°♌24'10	-4.9m
retrograde	-9459 Sep 24 j 21:11	26°♌18'53	
evening set	-9459 Oct 10 j 02:26	21°♌34'57	
min. Earth dist.	-9459 Oct 15 j 02:55	18°♌30'26	0.27300 AU
inferior conj	-9459 Oct 15 j 16:56	18°♌08'12	-2°54'04
minimum elong	-9459 Oct 15 j 22:50	17°♌58'50	2°51'54
morning rise	-9459 Oct 21 j 19:58	14°♌25'46	
asc. node	-9459 Oct 27 j 17:22	11°♌43'44	
direct	-9459 Nov 05 j 03:36	10°♌14'15	
greatest brilliancy	-9459 Nov 14 j 11:38	11°♌53'54	-4.8m
	-9459 Dec 12 j 04:43	0°♍	
morning max el	-9459 Dec 24 j 09:49	11°♍14'55	46°05'27
	-9458 Jan 11 j 21:14	0°♎	
	-9458 Feb 08 j 08:56	0°♏	
desc. node	-9458 Feb 17 j 15:50	10°♏29'48	
	-9458 Mar 06 j 14:31	0°♐	
	-9458 Apr 01 j 00:53	0°♑	
	-9458 Apr 25 j 20:33	0°♒	
	-9458 May 20 j 04:52	0°♓	
asc. node	-9458 Jun 09 j 08:18	25°♓09'13	
	-9458 Jun 13 j 04:55	0°♈	
morning set	-9458 Jun 18 j 09:21	6°♈31'10	
	-9458 Jul 06 j 23:54	0°♉	
superior conj	-9458 Jul 27 j 11:26	25°♉54'39	1°21'17
minimum elong	-9458 Jul 27 j 06:51	25°♉40'07	1°21'41
max. Earth dist.	-9458 Jul 29 j 06:11	28°♉09'51	1.70724 AU
	-9458 Jul 30 j 17:01	0°♊	
	-9458 Aug 23 j 11:18	0°♋	
evening rise	-9458 Sep 07 j 11:06	18°♋50'24	
	-9458 Sep 16 j 09:04	0°♌	
desc. node	-9458 Sep 30 j 02:12	17°♌05'58	
	-9458 Oct 10 j 11:31	0°♍	
	-9458 Nov 03 j 19:02	0°♎	
	-9458 Nov 28 j 08:31	0°♏	
	-9458 Dec 23 j 07:16	0°♐	
	-9457 Jan 17 j 22:48	0°♑	
asc. node	-9457 Jan 19 j 22:28	2°♑16'19	
	-9457 Feb 13 j 22:57	0°♒	
evening max el	-9457 Mar 08 j 21:51	23°♒14'35	45°12'19
	-9457 Mar 16 j 07:10	0°♓	
greatest brilliancy	-9457 Apr 16 j 07:06	20°♓32'39	-4.7m
retrograde	-9457 Apr 26 j 09:10	22°♓19'53	
evening set	-9457 May 10 j 21:14	18°♓23'11	
desc. node	-9457 May 12 j 23:21	17°♓16'02	
inferior conj	-9457 May 17 j 08:50	14°♓42'21	-1°03'07
minimum elong	-9457 May 17 j 06:26	14°♓45'55	1°02'36
min. Earth dist.	-9457 May 17 j 23:55	14°♓19'51	0.27320 AU
morning rise	-9457 May 23 j 14:50	11°♓07'23	
direct	-9457 Jun 07 j 13:40	6°♓53'11	
greatest brilliancy	-9457 Jun 18 j 23:19	9°♓15'51	-4.9m
	-9457 Jul 18 j 04:41	0°♈	
morning max el	-9457 Jul 28 j 01:36	9°♈37'02	46°43'26
	-9457 Aug 16 j 02:08	0°♉	
asc. node	-9457 Sep 01 j 21:20	19°♉16'50	
	-9457 Sep 10 j 23:11	0°♊	
	-9457 Oct 05 j 20:22	0°♋	
	-9457 Oct 30 j 10:35	0°♌	
	-9457 Nov 24 j 01:02	0°♍	
	-9457 Dec 18 j 17:23	0°♎	
desc. node	-9457 Dec 23 j 15:53	5°♎59'45	
	-9456 Jan 12 j 10:08	0°♏	
morning set	-9456 Feb 01 j 04:32	24°♏04'42	
	-9456 Feb 06 j 00:56	0°♐	
	-9456 Mar 01 j 12:23	0°♑	
max. Earth dist.	-9456 Mar 04 j 15:52	3°♑52'02	1.73575 AU
superior conj	-9456 Mar 08 j 00:55	8°♑01'20	-1°09'44
minimum elong	-9456 Mar 08 j 07:50	8°♑22'40	1°10'08
	-9456 Mar 25 j 20:31	0°♒	
evening rise	-9456 Apr 12 j 06:55	21°♒33'57	
asc. node	-9456 Apr 13 j 07:59	22°♒51'35	
	-9456 Apr 19 j 02:15	0°♓	
	-9456 May 13 j 06:43	0°♈	
	-9456 Jun 06 j 11:10	0°♉	
	-9456 Jun 30 j 17:25	0°♊	
	-9456 Jul 25 j 04:20	0°♋	
desc. node	-9456 Aug 04 j 04:33	12°♋09'37	
	-9456 Aug 19 j 00:23	0°♌	
	-9456 Sep 13 j 14:08	0°♍	
	-9456 Oct 10 j 21:05	0°♎	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

evening max el	-9456 Oct 14 j 10:05	3°♎37'55	46°35'39
	-9456 Nov 14 j 09:45	0°♏	
greatest brilliancy	-9456 Nov 22 j 10:41	4°♏06'56	-4.8m
asc. node	-9456 Nov 24 j 03:52	4°♏45'31	
retrograde	-9456 Dec 03 j 15:48	6°♏28'35	
evening set	-9456 Dec 19 j 15:23	1°♏22'01	
	-9456 Dec 21 j 21:02	30°℞♎	
inferior conj	-9456 Dec 24 j 22:42	28°♎01'52	6°14'31
minimum elong	-9456 Dec 24 j 14:10	28°♎15'40	6°12'44
min. Earth dist.	-9456 Dec 24 j 09:16	28°♎23'36	0.29146 AU
morning rise	-9456 Dec 29 j 13:25	25°♎07'17	
direct	-9455 Jan 15 j 11:35	19°♎36'31	
greatest brilliancy	-9455 Jan 24 j 10:43	21°♎04'37	-4.7m
	-9455 Feb 10 j 08:28	0°♏	
morning max el	-9455 Mar 05 j 04:25	19°♏09'03	45°56'46
	-9455 Mar 16 j 05:40	0°♐	
desc. node	-9455 Mar 17 j 03:52	0°♐56'20	
	-9455 Apr 13 j 05:06	0°♑	
	-9455 May 09 j 06:08	0°♒	
	-9455 Jun 03 j 05:52	0°♓	
	-9455 Jun 27 j 13:44	0°♈	
asc. node	-9455 Jul 06 j 21:52	11°♈40'03	
	-9455 Jul 21 j 11:57	0°♉	
	-9455 Aug 14 j 05:43	0°♊	
morning set	-9455 Sep 01 j 17:54	23°♊23'51	
	-9455 Sep 06 j 23:29	0°♋	
	-9455 Sep 30 j 20:29	0°♌	
superior conj	-9455 Oct 14 j 02:10	16°♌31'52	0°30'08
minimum elong	-9455 Oct 14 j 10:02	16°♌56'23	0°30'13
max. Earth dist.	-9455 Oct 20 j 17:28	24°♌47'32	1.71962 AU
	-9455 Oct 24 j 22:03	0°♍	
desc. node	-9455 Oct 27 j 15:01	3°♍21'39	
	-9455 Nov 18 j 03:47	0°♎	
evening rise	-9455 Nov 25 j 01:13	8°♎30'00	
	-9455 Dec 12 j 12:42	0°♏	
	-9454 Jan 06 j 00:41	0°♐	
	-9454 Jan 30 j 17:21	0°♑	
asc. node	-9454 Feb 16 j 09:46	20°♑03'21	
	-9454 Feb 24 j 17:55	0°♒	
	-9454 Mar 22 j 06:47	0°♓	
	-9454 Apr 17 j 15:21	0°♈	
	-9454 May 15 j 16:28	0°♉	
evening max el	-9454 May 21 j 06:21	5°♉33'40	46°48'46
desc. node	-9454 Jun 09 j 09:44	22°♉47'57	
	-9454 Jun 19 j 08:53	0°♊	
greatest brilliancy	-9454 Jul 01 j 07:23	5°♊55'44	-4.9m
retrograde	-9454 Jul 10 j 13:24	7°♊31'46	
evening set	-9454 Jul 28 j 05:45	1°♊39'35	
inferior conj	-9454 Jul 31 j 06:59	29°♉49'47	-8°52'32
minimum elong	-9454 Jul 31 j 04:33	29°♉53'27	8°51'59
min. Earth dist.	-9454 Jul 30 j 21:34	0°♊04'03	0.26558 AU
	-9454 Jul 31 j 00:14	30°℞♉	
morning rise	-9454 Aug 03 j 03:23	28°♉07'10	
direct	-9454 Aug 20 j 12:39	22°♉18'27	
greatest brilliancy	-9454 Aug 30 j 17:34	24°♉17'00	-4.9m
	-9454 Sep 10 j 15:29	0°♊	
asc. node	-9454 Sep 29 j 08:47	15°♊10'44	
morning max el	-9454 Oct 10 j 00:15	25°♊34'29	46°34'43
	-9454 Oct 14 j 07:20	0°♋	
	-9454 Nov 10 j 15:48	0°♌	
	-9454 Dec 06 j 16:15	0°♍	
	-9453 Jan 01 j 05:52	0°♎	
desc. node	-9453 Jan 20 j 05:14	22°♎27'53	
	-9453 Jan 26 j 13:16	0°♏	
	-9453 Feb 20 j 14:08	0°♐	
	-9453 Mar 17 j 07:40	0°♑	
morning set	-9453 Apr 08 j 19:53	27°♑37'44	
	-9453 Apr 10 j 17:58	0°♒	
	-9453 May 04 j 22:11	0°♓	
max. Earth dist.	-9453 May 10 j 03:31	6°♓30'54	1.72119 AU
asc. node	-9453 May 11 j 21:00	8°♓40'25	
superior conj	-9453 May 14 j 10:47	11°♓53'26	0°06'02
minimum elong	-9453 May 14 j 09:38	11°♓49'51	0°05'43
behind sun begin	-9453 May 13 j 12:22	10°♓43'23	
behind sun end	-9453 May 15 j 06:54	12°♓56'20	
	-9453 May 28 j 21:55	0°♈	
evening rise	-9453 Jun 20 j 07:28	28°♈07'55	
	-9453 Jun 21 j 19:08	0°♉	
	-9453 Jul 15 j 16:03	0°♊	
	-9453 Aug 08 j 15:03	0°♋	
desc. node	-9453 Sep 01 j 16:06	29°♋53'08	
	-9453 Sep 01 j 18:20	0°♌	
	-9453 Sep 26 j 04:00	0°♍	
	-9453 Oct 20 j 23:18	0°♎	
	-9453 Nov 15 j 11:59	0°♏	
	-9453 Dec 12 j 15:24	0°♐	
asc. node	-9453 Dec 22 j 14:13	10°♐08'26	
evening max el	-9453 Dec 24 j 22:01	12°♐24'48	45°06'49
	-9452 Jan 14 j 03:17	0°♑	
greatest brilliancy	-9452 Jan 31 j 11:23	9°♑57'41	-4.7m
retrograde	-9452 Feb 11 j 04:28	12°♑01'22	
evening set	-9452 Feb 28 j 10:54	6°♑25'21	
inferior conj	-9452 Mar 03 j 15:03	3°♑52'29	7°21'58
minimum elong	-9452 Mar 03 j 21:43	3°♑42'05	7°20'39
min. Earth dist.	-9452 Mar 04 j 15:12	3°♑14'50	0.29327 AU
morning rise	-9452 Mar 08 j 08:10	0°♑59'20	
	-9452 Mar 10 j 01:46	30°℞♐	
direct	-9452 Mar 25 j 14:15	25°♐23'55	
greatest brilliancy	-9452 Apr 05 j 13:51	27°♐32'40	-4.7m
	-9452 Apr 11 j 02:01	0°♑	
desc. node	-9452 Apr 13 j 14:51	1°♑22'50	
morning max el	-9452 May 14 j 04:45	26°♑08'04	46°18'05
	-9452 May 18 j 02:33	0°♒	
	-9452 Jun 14 j 23:06	0°♓	
	-9452 Jul 10 j 14:00	0°♈	
asc. node	-9452 Aug 03 j 11:01	29°♈06'54	
	-9452 Aug 04 j 04:13	0°♉	
	-9452 Aug 28 j 06:39	0°♊	
	-9452 Sep 21 j 05:27	0°♋	
	-9452 Oct 15 j 05:51	0°♌	
	-9452 Nov 08 j 10:19	0°♍	
morning set	-9452 Nov 18 j 02:55	11°♍57'38	
desc. node	-9452 Nov 24 j 04:25	19°♍25'46	
	-9452 Dec 02 j 18:38	0°♎	
	-9452 Dec 27 j 05:04	0°♏	
superior conj	-9452 Dec 28 j 04:40	1°♏12'24	-1°05'55
minimum elong	-9452 Dec 27 j 19:52	0°♏45'24	1°05'55
max. Earth dist.	-9452 Dec 28 j 13:20	1°♏38'59	1.73563 AU
	-9451 Jan 20 j 15:53	0°♐	
evening rise	-9451 Feb 03 j 02:09	16°♐28'45	
greatest brilliancy	-9451 Feb 12 j 11:43	28°♐00'32	-3.9m
	-9451 Feb 14 j 02:40	0°♑	
	-9451 Mar 10 j 14:16	0°♒	
asc. node	-9451 Mar 15 j 21:33	6°♒29'06	
	-9451 Apr 04 j 04:06	0°♓	
	-9451 Apr 28 j 21:34	0°♈	
	-9451 May 23 j 20:41	0°♉	
	-9451 Jun 18 j 06:10	0°♊	
desc. node	-9451 Jul 06 j 19:59	21°♊19'59	
	-9451 Jul 14 j 14:19	0°♋	
evening max el	-9451 Aug 02 j 06:41	19°♋54'03	47°49'21

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9451 Aug 12 j 14:16	0°♌	
greatest brilliancy	-9451 Sep 12 j 15:01	22°♌01'08	-4.9m
retrograde	-9451 Sep 22 j 12:33	23°♌55'17	
evening set	-9451 Oct 07 j 19:04	19°♌08'48	
min. Earth dist.	-9451 Oct 12 j 17:27	16°♌07'24	0.27246 AU
inferior conj	-9451 Oct 13 j 07:20	15°♌45'23	-3°15'08
minimum elong	-9451 Oct 13 j 13:53	15°♌35'01	3°12'46
morning rise	-9451 Oct 19 j 09:29	12°♌04'47	
asc. node	-9451 Oct 26 j 19:31	8°♌53'22	
direct	-9451 Nov 02 j 17:55	7°♌52'42	
greatest brilliancy	-9451 Nov 12 j 01:34	9°♌32'34	-4.8m
	-9451 Dec 12 j 09:43	0°♍	
morning max el	-9451 Dec 22 j 01:36	9°♍01'28	46°06'17
	-9450 Jan 11 j 14:50	0°♎	
	-9450 Feb 07 j 23:09	0°♏	
desc. node	-9450 Feb 16 j 18:02	9°♏57'29	
	-9450 Mar 06 j 03:12	0°♐	
	-9450 Mar 31 j 12:45	0°♑	
	-9450 Apr 25 j 07:59	0°♒	
	-9450 May 19 j 16:05	0°♓	
asc. node	-9450 Jun 08 j 10:32	24°♓41'16	
	-9450 Jun 12 j 16:04	0°♈	
morning set	-9450 Jun 16 j 00:22	4°♈12'27	
	-9450 Jul 06 j 11:04	0°♉	
superior conj	-9450 Jul 24 j 22:55	23°♉23'39	1°20'24
minimum elong	-9450 Jul 24 j 17:30	23°♉06'32	1°20'45
max. Earth dist.	-9450 Jul 26 j 08:47	25°♉10'47	1.70731 AU
	-9450 Jul 30 j 04:15	0°♊	
	-9450 Aug 22 j 22:37	0°♋	
evening rise	-9450 Sep 04 j 18:19	16°♋06'48	
	-9450 Sep 15 j 20:29	0°♌	
desc. node	-9450 Sep 29 j 04:12	16°♌36'32	
	-9450 Oct 09 j 23:01	0°♍	
	-9450 Nov 03 j 06:40	0°♎	
	-9450 Nov 27 j 20:26	0°♏	
	-9450 Dec 22 j 19:48	0°♐	
	-9449 Jan 17 j 12:42	0°♑	
asc. node	-9449 Jan 19 j 00:48	1°♑42'55	
	-9449 Feb 13 j 16:09	0°♒	
evening max el	-9449 Mar 06 j 12:26	20°♒59'49	45°10'05
	-9449 Mar 16 j 11:49	0°♓	
greatest brilliancy	-9449 Apr 13 j 20:28	18°♓14'10	-4.7m
retrograde	-9449 Apr 23 j 21:31	20°♓00'35	
evening set	-9449 May 08 j 10:54	16°♓03'27	
desc. node	-9449 May 12 j 01:37	14°♓04'12	
inferior conj	-9449 May 14 j 22:14	12°♓22'45	-0°40'59
minimum elong	-9449 May 14 j 20:40	12°♓25'05	0°40'45
min. Earth dist.	-9449 May 15 j 14:51	11°♓57'54	0.27379 AU
morning rise	-9449 May 21 j 05:31	8°♓45'24	
direct	-9449 Jun 05 j 03:47	4°♓32'17	
greatest brilliancy	-9449 Jun 16 j 14:27	6°♓55'14	-4.9m
	-9449 Jul 18 j 07:44	0°♈	
morning max el	-9449 Jul 25 j 14:13	7°♈09'26	46°42'58
	-9449 Aug 15 j 19:46	0°♉	
asc. node	-9449 Aug 31 j 23:32	18°♉37'50	
	-9449 Sep 10 j 13:53	0°♊	
	-9449 Oct 05 j 09:41	0°♋	
	-9449 Oct 29 j 23:07	0°♌	
	-9449 Nov 23 j 13:03	0°♍	
	-9449 Dec 18 j 04:59	0°♎	
desc. node	-9449 Dec 22 j 18:04	5°♎31'23	
	-9448 Jan 11 j 21:24	0°♏	
morning set	-9448 Jan 29 j 22:17	21°♏58'36	
	-9448 Feb 05 j 11:58	0°♐	
	-9448 Feb 29 j 23:20	0°♑	
max. Earth dist.	-9448 Mar 02 j 11:57	1°♑52'33	1.73603 AU
superior conj	-9448 Mar 05 j 20:44	6°♑00'56	-1°11'10
minimum elong	-9448 Mar 06 j 03:22	6°♑21'23	1°11'36
	-9448 Mar 25 j 07:31	0°♒	
evening rise	-9448 Apr 10 j 02:36	19°♒31'54	
asc. node	-9448 Apr 12 j 10:04	22°♒23'37	
	-9448 Apr 18 j 13:26	0°♓	
	-9448 May 12 j 18:11	0°♈	
	-9448 Jun 05 j 22:59	0°♉	
	-9448 Jun 30 j 05:42	0°♊	
	-9448 Jul 24 j 17:16	0°♋	
desc. node	-9448 Aug 03 j 06:47	11°♋36'16	
	-9448 Aug 18 j 14:20	0°♌	
	-9448 Sep 13 j 06:00	0°♍	
	-9448 Oct 10 j 17:58	0°♎	
evening max el	-9448 Oct 12 j 00:56	1°♎18'54	46°39'12
	-9448 Nov 15 j 23:37	0°♏	
greatest brilliancy	-9448 Nov 20 j 05:15	1°♏57'30	-4.8m
asc. node	-9448 Nov 23 j 06:14	3°♏01'59	
retrograde	-9448 Dec 01 j 08:49	4°♏18'16	
	-9448 Dec 15 j 23:00	30°℞♎	
evening set	-9448 Dec 17 j 06:22	29°♎15'05	
min. Earth dist.	-9448 Dec 22 j 02:05	26°♎14'09	0.29091 AU
inferior conj	-9448 Dec 22 j 15:54	25°♎51'47	6°02'30
minimum elong	-9448 Dec 22 j 07:17	26°♎05'44	6°00'40
morning rise	-9448 Dec 27 j 08:38	22°♎53'56	
direct	-9447 Jan 13 j 03:22	17°♎27'11	
greatest brilliancy	-9447 Jan 22 j 02:58	18°♎55'21	-4.7m
	-9447 Feb 11 j 00:12	0°♏	
morning max el	-9447 Mar 02 j 19:34	16°♏57'30	45°56'40
desc. node	-9447 Mar 16 j 05:54	0°♐13'37	
	-9447 Mar 16 j 00:35	0°♐	
	-9447 Apr 12 j 19:49	0°♑	
	-9447 May 08 j 19:11	0°♒	
	-9447 Jun 02 j 18:08	0°♓	
	-9447 Jun 27 j 01:36	0°♈	
asc. node	-9447 Jul 06 j 00:03	11°♈10'02	
	-9447 Jul 20 j 23:37	0°♉	
	-9447 Aug 13 j 17:16	0°♊	
morning set	-9447 Aug 30 j 03:26	20°♊46'03	
	-9447 Sep 06 j 10:58	0°♋	
	-9447 Sep 30 j 07:55	0°♌	
superior conj	-9447 Oct 11 j 10:54	13°♌53'57	0°33'46
minimum elong	-9447 Oct 11 j 19:34	14°♌21'00	0°33'51
max. Earth dist.	-9447 Oct 18 j 03:49	22°♌15'02	1.71892 AU
	-9447 Oct 24 j 09:26	0°♍	
desc. node	-9447 Oct 26 j 17:10	2°♍52'58	
	-9447 Nov 17 j 15:08	0°♎	
evening rise	-9447 Nov 22 j 13:45	6°♎05'43	
	-9447 Dec 12 j 00:05	0°♏	
	-9446 Jan 05 j 12:13	0°♐	
	-9446 Jan 30 j 05:16	0°♑	
asc. node	-9446 Feb 15 j 11:56	19°♑33'06	
	-9446 Feb 24 j 06:31	0°♒	
	-9446 Mar 21 j 20:40	0°♓	
	-9446 Apr 17 j 07:46	0°♈	
	-9446 May 15 j 15:05	0°♉	
evening max el	-9446 May 18 j 18:21	3°♉05'53	46°45'02
desc. node	-9446 Jun 08 j 12:00	21°♉33'54	
	-9446 Jun 21 j 02:51	0°♊	
greatest brilliancy	-9446 Jun 28 j 18:29	3°♊23'40	-4.9m
retrograde	-9446 Jul 08 j 01:03	5°♊00'21	
	-9446 Jul 24 j 05:29	30°℞♉	
evening set	-9446 Jul 25 j 14:42	29°♉12'26	
inferior conj	-9446 Jul 28 j 18:48	27°♉18'53	-8°48'49
minimum elong	-9446 Jul 28 j 15:26	27°♉23'58	8°48'13
min. Earth dist.	-9446 Jul 28 j 09:34	27°♉32'50	0.26560 AU

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

morning rise	-9446 Jul 31 j 16:09	25°♉35'13	
direct	-9446 Aug 18 j 00:41	19°♉47'20	
greatest brilliancy	-9446 Aug 28 j 07:02	21°♉47'26	-4.9m
	-9446 Sep 11 j 19:00	0°♊	
asc. node	-9446 Sep 28 j 10:55	14°♊08'51	
morning max el	-9446 Oct 07 j 13:35	23°♊06'41	46°35'41
	-9446 Oct 14 j 04:51	0°♋	
	-9446 Nov 10 j 08:03	0°♌	
	-9446 Dec 06 j 06:18	0°♍	
	-9446 Dec 31 j 18:42	0°♎	
desc. node	-9445 Jan 19 j 07:19	21°♎57'40	
	-9445 Jan 26 j 01:20	0°♏	
	-9445 Feb 20 j 01:44	0°♐	
	-9445 Mar 16 j 18:58	0°♑	
morning set	-9445 Apr 06 j 15:18	25°♑35'07	
	-9445 Apr 10 j 05:08	0°♒	
	-9445 May 04 j 09:18	0°♓	
max. Earth dist.	-9445 May 07 j 22:31	4°♓25'39	1.72178 AU
asc. node	-9445 May 10 j 23:17	8°♓12'44	
superior conj	-9445 May 12 j 04:47	9°♓44'52	0°02'54
minimum elong	-9445 May 12 j 04:14	9°♓43'10	0°02'37
behind sun begin	-9445 May 11 j 05:59	8°♓33'38	
behind sun end	-9445 May 13 j 02:30	10°♓52'44	
	-9445 May 28 j 09:07	0°♈	
evening rise	-9445 Jun 17 j 22:53	25°♈49'52	
	-9445 Jun 21 j 06:30	0°♉	
	-9445 Jul 15 j 03:39	0°♊	
	-9445 Aug 08 j 02:54	0°♋	
desc. node	-9445 Aug 31 j 18:07	29°♋21'50	
	-9445 Sep 01 j 06:28	0°♌	
	-9445 Sep 25 j 16:33	0°♍	
	-9445 Oct 20 j 12:34	0°♎	
	-9445 Nov 15 j 02:46	0°♏	
	-9445 Dec 12 j 10:09	0°♐	
asc. node	-9445 Dec 21 j 16:31	9°♐21'10	
evening max el	-9445 Dec 22 j 14:17	10°♐14'09	45°08'43
	-9444 Jan 14 j 19:09	0°♑	
greatest brilliancy	-9444 Jan 29 j 02:32	7°♑48'46	-4.7m
retrograde	-9444 Feb 08 j 21:28	9°♑53'54	
evening set	-9444 Feb 26 j 05:14	4°♑14'39	
inferior conj	-9444 Mar 01 j 07:42	1°♑43'48	7°29'09
minimum elong	-9444 Mar 01 j 13:54	1°♑34'06	7°27'56
min. Earth dist.	-9444 Mar 02 j 06:27	1°♑08'15	0.29370 AU
	-9444 Mar 04 j 02:32	30°℞♐	
morning rise	-9444 Mar 05 j 22:17	28°♐54'12	
direct	-9444 Mar 23 j 07:39	23°♐14'39	
greatest brilliancy	-9444 Apr 03 j 04:27	25°♐21'17	-4.7m
desc. node	-9444 Apr 12 j 17:06	0°♑02'41	
	-9444 Apr 12 j 15:19	0°♑	
morning max el	-9444 May 11 j 21:43	23°♑57'42	46°17'08
	-9444 May 17 j 23:19	0°♒	
	-9444 Jun 14 j 14:40	0°♓	
	-9444 Jul 10 j 03:37	0°♈	
asc. node	-9444 Aug 02 j 13:10	28°♈34'13	
	-9444 Aug 03 j 16:55	0°♉	
	-9444 Aug 27 j 18:52	0°♊	
	-9444 Sep 20 j 17:21	0°♋	
	-9444 Oct 14 j 17:32	0°♌	
	-9444 Nov 07 j 21:48	0°♍	
morning set	-9444 Nov 15 j 14:36	9°♍30'24	
desc. node	-9444 Nov 23 j 06:37	18°♍57'26	
	-9444 Dec 02 j 05:58	0°♎	
superior conj	-9444 Dec 25 j 20:00	28°♎57'50	-1°03'58
minimum elong	-9444 Dec 25 j 10:57	28°♎30'02	1°03'55
max. Earth dist.	-9444 Dec 26 j 11:00	29°♎43'51	1.73533 AU
	-9444 Dec 26 j 16:16	0°♏	
	-9443 Jan 20 j 03:02	0°♐	
evening rise	-9443 Jan 31 j 20:38	14°♐23'57	
greatest brilliancy	-9443 Feb 11 j 08:36	27°♐16'40	-3.9m
	-9443 Feb 13 j 13:53	0°♑	
	-9443 Mar 10 j 01:43	0°♒	
asc. node	-9443 Mar 14 j 23:41	6°♒00'22	
	-9443 Apr 03 j 15:59	0°♓	
	-9443 Apr 28 j 10:07	0°♈	
	-9443 May 23 j 10:13	0°♉	
	-9443 Jun 17 j 21:18	0°♊	
desc. node	-9443 Jul 05 j 22:11	20°♊38'15	
	-9443 Jul 14 j 08:40	0°♋	
evening max el	-9443 Jul 30 j 22:58	17°♋35'21	47°49'33
	-9443 Aug 12 j 18:57	0°♌	
greatest brilliancy	-9443 Sep 10 j 06:30	19°♌37'40	-4.9m
retrograde	-9443 Sep 20 j 03:30	21°♌30'46	
evening set	-9443 Oct 05 j 11:46	16°♌41'51	
inferior conj	-9443 Oct 10 j 21:40	13°♌21'46	-3°35'53
minimum elong	-9443 Oct 11 j 04:49	13°♌10'27	3°33'22
min. Earth dist.	-9443 Oct 10 j 07:58	13°♌43'28	0.27198 AU
morning rise	-9443 Oct 16 j 22:41	9°♌43'03	
asc. node	-9443 Oct 25 j 21:55	6°♌07'29	
direct	-9443 Oct 31 j 08:15	5°♌30'27	
greatest brilliancy	-9443 Nov 09 j 15:37	7°♌10'20	-4.8m
	-9443 Dec 12 j 13:20	0°♍	
morning max el	-9443 Dec 19 j 16:38	6°♍45'10	46°06'58
	-9442 Jan 11 j 08:21	0°♎	
	-9442 Feb 07 j 13:29	0°♏	
desc. node	-9442 Feb 15 j 20:06	9°♏24'16	
	-9442 Mar 05 j 16:01	0°♐	
	-9442 Mar 31 j 00:45	0°♑	
	-9442 Apr 24 j 19:32	0°♒	
	-9442 May 19 j 03:25	0°♓	
asc. node	-9442 Jun 07 j 12:41	24°♓12'36	
	-9442 Jun 12 j 03:20	0°♈	
morning set	-9442 Jun 13 j 15:33	1°♈53'49	
	-9442 Jul 05 j 22:20	0°♉	
superior conj	-9442 Jul 22 j 10:52	20°♉54'01	1°19'21
minimum elong	-9442 Jul 22 j 04:41	20°♉34'28	1°19'40
max. Earth dist.	-9442 Jul 23 j 08:29	22°♉02'23	1.70737 AU
	-9442 Jul 29 j 15:32	0°♊	
	-9442 Aug 22 j 09:57	0°♋	
evening rise	-9442 Sep 02 j 01:59	13°♋24'35	
	-9442 Sep 15 j 07:53	0°♌	
desc. node	-9442 Sep 28 j 06:26	16°♌07'51	
	-9442 Oct 09 j 10:32	0°♍	
	-9442 Nov 02 j 18:21	0°♎	
	-9442 Nov 27 j 08:26	0°♏	
	-9442 Dec 22 j 08:29	0°♐	
	-9441 Jan 17 j 02:51	0°♑	
asc. node	-9441 Jan 18 j 02:58	1°♑08'34	
	-9441 Feb 13 j 09:50	0°♒	
evening max el	-9441 Mar 04 j 02:00	18°♒42'29	45°08'03
	-9441 Mar 16 j 18:37	0°♓	
greatest brilliancy	-9441 Apr 11 j 09:49	15°♓55'38	-4.7m
retrograde	-9441 Apr 21 j 09:48	17°♓41'33	
evening set	-9441 May 06 j 00:42	13°♓43'18	
desc. node	-9441 May 11 j 03:55	10°♓50'29	
inferior conj	-9441 May 12 j 11:38	10°♓03'10	-0°18'56
minimum elong	-9441 May 12 j 10:54	10°♓04'16	0°18'59
min. Earth dist.	-9441 May 13 j 05:55	9°♓35'48	0.27443 AU
morning rise	-9441 May 18 j 20:02	6°♓23'47	
direct	-9441 Jun 02 j 17:32	2°♓11'08	
greatest brilliancy	-9441 Jun 14 j 06:07	4°♓35'15	-4.9m
	-9441 Jul 18 j 09:24	0°♈	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

morning max el	-9441 Jul 23 j 02:54	4°♈41'58	46°42'41	
	-9441 Aug 15 j 13:03	0°♉		
asc. node	-9441 Aug 31 j 01:37	17°♉58'58		
	-9441 Sep 10 j 04:21	0°♊		
	-9441 Oct 04 j 22:49	0°♋		
	-9441 Oct 29 j 11:28	0°♌		
	-9441 Nov 23 j 00:52	0°♍		
	-9441 Dec 17 j 16:26	0°♎		
desc. node	-9441 Dec 21 j 20:07	5°♎03'03		
	-9440 Jan 11 j 08:33	0°♏		
morning set	-9440 Jan 27 j 15:43	19°♏51'47		
	-9440 Feb 04 j 22:56	0°♐		
	-9440 Feb 29 j 10:12	0°♑		
max. Earth dist.	-9440 Feb 29 j 07:40	29°♐52'14	1.73631 AU	
superior conj	-9440 Mar 03 j 16:17	4°♑00'03	-1°12'32	
minimum elong	-9440 Mar 03 j 22:37	4°♑19'32	1°12'58	
	-9440 Mar 24 j 18:25	0°♒		
evening rise	-9440 Apr 07 j 22:04	17°♒29'39		
asc. node	-9440 Apr 11 j 12:20	21°♒56'33		
	-9440 Apr 18 j 00:30	0°♓		
	-9440 May 12 j 05:32	0°♈		
	-9440 Jun 05 j 10:44	0°♉		
	-9440 Jun 29 j 17:56	0°♊		
	-9440 Jul 24 j 06:10	0°♋		
desc. node	-9440 Aug 02 j 08:53	11°♋02'41		
	-9440 Aug 18 j 04:15	0°♌		
	-9440 Sep 12 j 21:52	0°♍		
evening max el	-9440 Oct 09 j 15:41	29°♍00'29	46°42'56	
	-9440 Oct 10 j 15:11	0°♎		
greatest brilliancy	-9440 Nov 17 j 23:19	29°♎48'31	-4.8m	
	-9440 Nov 18 j 10:58	0°♏		
asc. node	-9440 Nov 22 j 08:25	1°♏15'47		
retrograde	-9440 Nov 29 j 02:09	2°♏09'22		
	-9440 Dec 09 j 06:54	30°℞♎		
evening set	-9440 Dec 14 j 21:33	27°♎09'05		
inferior conj	-9440 Dec 20 j 09:14	23°♎42'55	5°50'04	
minimum elong	-9440 Dec 20 j 00:35	23°♎56'55	5°48'10	
min. Earth dist.	-9440 Dec 19 j 18:51	24°♎06'11	0.29037 AU	
morning rise	-9440 Dec 25 j 04:02	20°♎42'02		
direct	-9439 Jan 10 j 19:19	15°♎18'56		
greatest brilliancy	-9439 Jan 19 j 19:28	16°♎47'32	-4.7m	
	-9439 Feb 11 j 11:32	0°♏		
morning max el	-9439 Feb 28 j 11:32	14°♏48'43	45°56'26	
desc. node	-9439 Mar 15 j 08:08	29°♏32'37		
	-9439 Mar 15 j 18:45	0°♐		
	-9439 Apr 12 j 10:10	0°♑		
	-9439 May 08 j 07:58	0°♒		
	-9439 Jun 02 j 06:08	0°♓		
	-9439 Jun 26 j 13:12	0°♈		
asc. node	-9439 Jul 05 j 02:08	10°♈40'29		
	-9439 Jul 20 j 11:00	0°♉		
	-9439 Aug 13 j 04:34	0°♊		
morning set	-9439 Aug 27 j 12:59	18°♊08'56		
	-9439 Sep 05 j 22:14	0°♋		
	-9439 Sep 29 j 19:07	0°♌		
superior conj	-9439 Oct 08 j 19:36	11°♌16'35	0°37'20	
minimum elong	-9439 Oct 09 j 05:02	11°♌46'01	0°37'25	
max. Earth dist.	-9439 Oct 15 j 11:45	19°♌35'46	1.71818 AU	
	-9439 Oct 23 j 20:33	0°♍		
desc. node	-9439 Oct 25 j 19:22	2°♍25'21		
	-9439 Nov 17 j 02:10	0°♎		
evening rise	-9439 Nov 20 j 02:21	3°♎42'33		
	-9439 Dec 11 j 11:07	0°♏		
	-9438 Jan 04 j 23:24	0°♐		
	-9438 Jan 29 j 16:50	0°♑		
asc. node	-9438 Feb 14 j 14:05	19°♑03'46		
	-9438 Feb 23 j 18:51	0°♒		
	-9438 Mar 21 j 10:23	0°♓		
	-9438 Apr 17 j 00:11	0°♈		
	-9438 May 15 j 14:19	0°♉		
evening max el	-9438 May 16 j 07:15	0°♉41'25	46°41'22	
desc. node	-9438 Jun 07 j 14:08	20°♉18'10		
	-9438 Jun 23 j 20:53	0°♊		
greatest brilliancy	-9438 Jun 26 j 04:51	0°♊51'52	-4.9m	
retrograde	-9438 Jul 05 j 13:09	2°♊29'53		
	-9438 Jul 16 j 17:36	30°℞♉		
evening set	-9438 Jul 22 j 23:11	26°♉46'43		
inferior conj	-9438 Jul 26 j 06:33	24°♉48'46	-8°44'05	
minimum elong	-9438 Jul 26 j 02:15	24°♉55'14	8°43'23	
min. Earth dist.	-9438 Jul 25 j 21:07	25°♉02'57	0.26564 AU	
morning rise	-9438 Jul 29 j 05:19	23°♉03'25		
direct	-9438 Aug 15 j 13:16	17°♉17'12		
greatest brilliancy	-9438 Aug 25 j 19:54	19°♉18'05	-4.9m	
	-9438 Sep 12 j 14:47	0°♊		
asc. node	-9438 Sep 27 j 13:19	13°♊09'51		
morning max el	-9438 Oct 05 j 03:30	20°♊41'17	46°36'34	
	-9438 Oct 14 j 01:20	0°♋		
	-9438 Nov 09 j 23:43	0°♌		
	-9438 Dec 05 j 19:51	0°♍		
	-9438 Dec 31 j 07:04	0°♎		
desc. node	-9437 Jan 18 j 09:25	21°♎28'46		
	-9437 Jan 25 j 12:57	0°♏		
	-9437 Feb 19 j 12:54	0°♐		
	-9437 Mar 16 j 05:52	0°♑		
morning set	-9437 Apr 04 j 10:52	23°♑34'12		
	-9437 Apr 09 j 15:56	0°♒		
	-9437 May 03 j 20:07	0°♓		
max. Earth dist.	-9437 May 05 j 15:51	2°♓16'16	1.72241 AU	
superior conj	-9437 May 09 j 22:50	7°♓37'29	-0°00'16	
minimum elong	-9437 May 09 j 22:56	7°♓37'51	0°00'32	
behind sun begin	-9437 May 09 j 00:36	6°♓28'07		
behind sun end	-9437 May 10 j 21:17	8°♓47'35		
asc. node	-9437 May 10 j 01:30	7°♓45'52		
	-9437 May 27 j 20:02	0°♈		
evening rise	-9437 Jun 15 j 14:20	23°♈32'52		
	-9437 Jun 20 j 17:35	0°♉		
	-9437 Jul 14 j 14:57	0°♊		
	-9437 Aug 07 j 14:27	0°♋		
desc. node	-9437 Aug 30 j 20:22	28°♋52'13		
	-9437 Aug 31 j 18:19	0°♌		
	-9437 Sep 25 j 04:49	0°♍		
	-9437 Oct 20 j 01:36	0°♎		
	-9437 Nov 14 j 17:21	0°♏		
	-9437 Dec 12 j 04:54	0°♐		
evening max el	-9437 Dec 20 j 06:56	8°♐05'39	45°10'48	
asc. node	-9437 Dec 20 j 18:44	8°♐34'16		
	-9436 Jan 15 j 15:27	0°♑		
greatest brilliancy	-9436 Jan 26 j 18:40	5°♑42'56	-4.7m	
retrograde	-9436 Feb 06 j 14:31	7°♑48'41		
evening set	-9436 Feb 23 j 23:46	2°♑06'47		
	-9436 Feb 27 j 10:27	30°℞♐		
inferior conj	-9436 Feb 28 j 00:43	29°♐37'37	7°35'34	
minimum elong	-9436 Feb 28 j 06:25	29°♐28'42	7°34'29	
min. Earth dist.	-9436 Feb 28 j 22:02	29°♐04'14	0.29409 AU	
morning rise	-9436 Mar 03 j 12:51	26°♐51'18		
direct	-9436 Mar 21 j 01:19	21°♐08'05		
greatest brilliancy	-9436 Mar 31 j 19:05	23°♐12'03	-4.7m	
desc. node	-9436 Apr 11 j 19:23	28°♐46'52		
	-9436 Apr 13 j 16:36	0°♑		
morning max el	-9436 May 09 j 14:03	21°♑47'20	46°15'55	
	-9436 May 17 j 18:56	0°♒		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9436 Jun 14 j 05:41	0°♓	
	-9436 Jul 09 j 16:52	0°♈	
asc. node	-9436 Aug 01 j 15:20	28°♈02'29	
	-9436 Aug 03 j 05:19	0°♉	
	-9436 Aug 27 j 06:47	0°♊	
	-9436 Sep 20 j 04:57	0°♋	
	-9436 Oct 14 j 04:54	0°♌	
	-9436 Nov 07 j 08:59	0°♍	
morning set	-9436 Nov 13 j 02:09	7°♍03'37	
desc. node	-9436 Nov 22 j 08:38	18°♍29'31	
	-9436 Dec 01 j 16:59	0°♎	
superior conj	-9436 Dec 23 j 11:14	26°♎43'51	-1°01'54
minimum elong	-9436 Dec 23 j 01:58	26°♎15'24	1°01'48
max. Earth dist.	-9436 Dec 24 j 09:05	27°♎50'52	1.73496 AU
	-9436 Dec 26 j 03:09	0°♏	
	-9435 Jan 19 j 13:51	0°♐	
evening rise	-9435 Jan 29 j 15:11	12°♐20'26	
greatest brilliancy	-9435 Feb 10 j 09:17	26°♐45'31	-3.9m
	-9435 Feb 13 j 00:45	0°♑	
	-9435 Mar 09 j 12:48	0°♒	
asc. node	-9435 Mar 14 j 02:02	5°♒33'30	
	-9435 Apr 03 j 03:31	0°♓	
	-9435 Apr 27 j 22:22	0°♈	
	-9435 May 22 j 23:33	0°♉	
	-9435 Jun 17 j 12:22	0°♊	
desc. node	-9435 Jul 05 j 00:20	19°♊56'23	
	-9435 Jul 14 j 03:17	0°♋	
evening max el	-9435 Jul 28 j 14:24	15°♋14'44	47°49'26
	-9435 Aug 13 j 01:30	0°♌	
greatest brilliancy	-9435 Sep 07 j 22:21	17°♌14'32	-4.9m
retrograde	-9435 Sep 17 j 17:48	19°♌05'49	
evening set	-9435 Oct 03 j 04:23	14°♌14'33	
inferior conj	-9435 Oct 08 j 11:47	10°♌58'03	-3°56'24
minimum elong	-9435 Oct 08 j 19:29	10°♌45'51	3°53'47
min. Earth dist.	-9435 Oct 07 j 22:35	11°♌18'59	0.27148 AU
morning rise	-9435 Oct 14 j 11:23	7°♌21'18	
asc. node	-9435 Oct 25 j 00:06	3°♌27'09	
direct	-9435 Oct 28 j 21:57	3°♌08'05	
greatest brilliancy	-9435 Nov 07 j 05:53	4°♌48'18	-4.8m
	-9435 Dec 12 j 15:11	0°♍	
morning max el	-9435 Dec 17 j 06:32	4°♍26'26	46°07'46
	-9434 Jan 11 j 01:16	0°♎	
	-9434 Feb 07 j 03:24	0°♏	
desc. node	-9434 Feb 14 j 22:18	8°♏52'21	
	-9434 Mar 05 j 04:28	0°♐	
	-9434 Mar 30 j 12:24	0°♑	
	-9434 Apr 24 j 06:45	0°♒	
	-9434 May 18 j 14:26	0°♓	
asc. node	-9434 Jun 06 j 14:47	23°♓44'44	
morning set	-9434 Jun 11 j 07:09	29°♓37'30	
	-9434 Jun 11 j 14:19	0°♈	
	-9434 Jul 05 j 09:22	0°♉	
superior conj	-9434 Jul 19 j 23:01	18°♉25'34	1°18'09
minimum elong	-9434 Jul 19 j 16:09	18°♉03'53	1°18'25
max. Earth dist.	-9434 Jul 20 j 08:18	18°♉54'55	1.70759 AU
	-9434 Jul 29 j 02:40	0°♊	
	-9434 Aug 21 j 21:11	0°♋	
evening rise	-9434 Aug 30 j 09:25	10°♋41'53	
	-9434 Sep 14 j 19:12	0°♌	
desc. node	-9434 Sep 27 j 08:37	15°♌39'18	
	-9434 Oct 08 j 21:57	0°♍	
	-9434 Nov 02 j 05:56	0°♎	
	-9434 Nov 26 j 20:22	0°♏	
	-9434 Dec 21 j 21:06	0°♐	
	-9433 Jan 16 j 17:01	0°♑	
asc. node	-9433 Jan 17 j 05:12	0°♑34'34	
	-9433 Feb 13 j 03:44	0°♒	
evening max el	-9433 Mar 01 j 15:19	16°♒25'19	45°06'20
	-9433 Mar 17 j 03:31	0°♓	
greatest brilliancy	-9433 Apr 08 j 23:08	13°♓38'29	-4.7m
retrograde	-9433 Apr 18 j 22:53	15°♓24'38	
evening set	-9433 May 03 j 15:00	11°♓24'40	
inferior conj	-9433 May 10 j 01:22	7°♓45'29	0°02'45
minimum elong	-9433 May 10 j 01:27	7°♓45'20	0°02'27
transit middle	-9433 May 10 j 01:27	7°♓45'20	0°02'27
transit begin	-9433 May 09 j 21:22	7°♓51'27	
transit end	-9433 May 10 j 05:32	7°♓39'14	
desc. node	-9433 May 10 j 05:58	7°♓38'35	
min. Earth dist.	-9433 May 10 j 21:08	7°♓15'53	0.27507 AU
morning rise	-9433 May 16 j 10:44	4°♓04'34	
	-9433 May 28 j 16:12	30°℞♒	
direct	-9433 May 31 j 07:35	29°♒51'48	
	-9433 Jun 02 j 23:42	0°♓	
greatest brilliancy	-9433 Jun 11 j 22:07	2°♓17'27	-4.8m
	-9433 Jul 18 j 09:29	0°♈	
morning max el	-9433 Jul 20 j 16:26	2°♈17'38	46°42'10
	-9433 Aug 15 j 05:49	0°♉	
asc. node	-9433 Aug 30 j 03:58	17°♉21'29	
	-9433 Sep 09 j 18:38	0°♊	
	-9433 Oct 04 j 11:53	0°♋	
	-9433 Oct 28 j 23:49	0°♌	
	-9433 Nov 22 j 12:43	0°♍	
	-9433 Dec 17 j 03:53	0°♎	
desc. node	-9433 Dec 20 j 22:14	4°♎34'45	
	-9432 Jan 10 j 19:42	0°♏	
morning set	-9432 Jan 25 j 08:43	17°♏43'33	
	-9432 Feb 04 j 09:53	0°♐	
max. Earth dist.	-9432 Feb 27 j 04:27	27°♐55'10	1.73657 AU
	-9432 Feb 28 j 21:04	0°♑	
superior conj	-9432 Mar 01 j 11:45	1°♑58'52	-1°13'48
minimum elong	-9432 Mar 01 j 17:45	2°♑17'19	1°14'16
	-9432 Mar 24 j 05:21	0°♒	
evening rise	-9432 Apr 05 j 17:45	15°♒28'07	
asc. node	-9432 Apr 10 j 14:30	21°♒29'09	
	-9432 Apr 17 j 11:35	0°♓	
	-9432 May 11 j 16:52	0°♈	
	-9432 Jun 04 j 22:24	0°♉	
	-9432 Jun 29 j 06:07	0°♊	
	-9432 Jul 23 j 19:04	0°♋	
desc. node	-9432 Aug 01 j 11:08	10°♋29'37	
	-9432 Aug 17 j 18:17	0°♌	
	-9432 Sep 12 j 14:05	0°♍	
evening max el	-9432 Oct 07 j 06:58	26°♍42'41	46°46'30
	-9432 Oct 10 j 13:30	0°♎	
greatest brilliancy	-9432 Nov 15 j 16:47	27°♎37'16	-4.8m
asc. node	-9432 Nov 21 j 10:39	29°♎24'01	
retrograde	-9432 Nov 26 j 19:38	29°♎58'39	
evening set	-9432 Dec 12 j 12:28	25°♎01'05	
min. Earth dist.	-9432 Dec 17 j 11:03	21°♎56'35	0.28981 AU
inferior conj	-9432 Dec 18 j 02:14	21°♎32'06	5°36'55
minimum elong	-9432 Dec 17 j 17:35	21°♎46'03	5°34'58
morning rise	-9432 Dec 22 j 23:10	18°♎28'18	
direct	-9431 Jan 08 j 11:12	13°♎08'49	
greatest brilliancy	-9431 Jan 17 j 11:15	14°♎37'38	-4.7m
	-9431 Feb 11 j 20:21	0°♏	
morning max el	-9431 Feb 26 j 04:02	12°♏40'32	45°56'19
desc. node	-9431 Mar 14 j 10:23	28°♏51'33	
	-9431 Mar 15 j 12:44	0°♐	
	-9431 Apr 12 j 00:32	0°♑	
	-9431 May 07 j 20:49	0°♒	
	-9431 Jun 01 j 18:13	0°♓	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9431 Jun 26 j 00:52	0°♈	
asc. node	-9431 Jul 04 j 04:20	10°♈11'05	
	-9431 Jul 19 j 22:27	0°♉	
	-9431 Aug 12 j 15:54	0°♊	
morning set	-9431 Aug 24 j 23:08	15°♊33'34	
	-9431 Sep 05 j 09:33	0°♋	
	-9431 Sep 29 j 06:26	0°♌	
superior conj	-9431 Oct 06 j 04:14	8°♌38'28	0°40'49
minimum elong	-9431 Oct 06 j 14:21	9°♌10'01	0°40'54
max. Earth dist.	-9431 Oct 12 j 20:12	16°♌57'27	1.71757 AU
	-9431 Oct 23 j 07:50	0°♍	
desc. node	-9431 Oct 24 j 21:23	1°♍56'32	
	-9431 Nov 16 j 13:27	0°♎	
evening rise	-9431 Nov 17 j 14:23	1°♎16'55	
	-9431 Dec 10 j 22:26	0°♏	
	-9430 Jan 04 j 10:54	0°♐	
	-9430 Jan 29 j 04:45	0°♑	
asc. node	-9430 Feb 13 j 16:26	18°♑34'02	
	-9430 Feb 23 j 07:33	0°♒	
	-9430 Mar 21 j 00:32	0°♓	
	-9430 Apr 16 j 17:11	0°♈	
evening max el	-9430 May 13 j 21:04	28°♈18'41	46°37'43
	-9430 May 15 j 14:54	0°♉	
desc. node	-9430 Jun 06 j 16:24	18°♉59'39	
greatest brilliancy	-9430 Jun 23 j 15:02	28°♉19'43	-4.9m
retrograde	-9430 Jul 03 j 01:34	29°♉59'04	
evening set	-9430 Jul 20 j 07:29	24°♉21'22	
inferior conj	-9430 Jul 23 j 18:20	22°♉18'28	-8°38'23
minimum elong	-9430 Jul 23 j 13:10	22°♉26'14	8°37'34
min. Earth dist.	-9430 Jul 23 j 08:32	22°♉33'11	0.26561 AU
morning rise	-9430 Jul 26 j 18:53	20°♉30'47	
direct	-9430 Aug 13 j 02:06	14°♉47'16	
greatest brilliancy	-9430 Aug 23 j 08:07	16°♉47'53	-4.9m
	-9430 Sep 13 j 05:37	0°♊	
asc. node	-9430 Sep 26 j 15:28	12°♊11'26	
morning max el	-9430 Oct 02 j 17:11	18°♊15'04	46°37'20
	-9430 Oct 13 j 21:16	0°♋	
	-9430 Nov 09 j 15:20	0°♌	
	-9430 Dec 05 j 09:33	0°♍	
	-9430 Dec 30 j 19:41	0°♎	
desc. node	-9429 Jan 17 j 11:37	20°♎59'07	
	-9429 Jan 25 j 00:55	0°♏	
	-9429 Feb 19 j 00:25	0°♐	
	-9429 Mar 15 j 17:07	0°♑	
morning set	-9429 Apr 02 j 06:07	21°♑31'28	
	-9429 Apr 09 j 03:02	0°♒	
	-9429 May 03 j 07:13	0°♓	
max. Earth dist.	-9429 May 03 j 07:48	0°♓01'49	1.72302 AU
superior conj	-9429 May 07 j 16:50	5°♓29'09	-0°03'24
minimum elong	-9429 May 07 j 17:33	5°♓31'23	0°03'40
behind sun begin	-9429 May 06 j 19:40	4°♓23'08	
behind sun end	-9429 May 08 j 15:26	6°♓39'38	
asc. node	-9429 May 09 j 03:30	7°♓17'18	
	-9429 May 27 j 07:15	0°♈	
evening rise	-9429 Jun 13 j 05:55	21°♈15'22	
	-9429 Jun 20 j 04:59	0°♉	
	-9429 Jul 14 j 02:34	0°♊	
	-9429 Aug 07 j 02:16	0°♋	
desc. node	-9429 Aug 29 j 22:36	28°♋21'49	
	-9429 Aug 31 j 06:24	0°♌	
	-9429 Sep 24 j 17:20	0°♍	
	-9429 Oct 19 j 14:55	0°♎	
	-9429 Nov 14 j 08:23	0°♏	
	-9429 Dec 12 j 00:37	0°♐	
evening max el	-9429 Dec 17 j 22:59	5°♐54'23	45°12'40
asc. node	-9429 Dec 19 j 21:00	7°♐45'31	
	-9428 Jan 16 j 20:44	0°♑	
greatest brilliancy	-9428 Jan 24 j 11:18	3°♑35'54	-4.7m
retrograde	-9428 Feb 04 j 06:57	5°♑41'35	
evening set	-9428 Feb 21 j 18:00	29°♐57'21	
	-9428 Feb 21 j 16:13	30°℞♐	
inferior conj	-9428 Feb 25 j 17:37	27°♐29'42	7°41'25
minimum elong	-9428 Feb 25 j 22:45	27°♐21'38	7°40'26
min. Earth dist.	-9428 Feb 26 j 13:47	26°♐57'59	0.29445 AU
morning rise	-9428 Mar 01 j 03:19	24°♐46'26	
direct	-9428 Mar 18 j 18:26	18°♐59'44	
greatest brilliancy	-9428 Mar 29 j 09:52	21°♐01'16	-4.7m
desc. node	-9428 Apr 10 j 21:25	27°♐31'15	
	-9428 Apr 14 j 12:04	0°♑	
morning max el	-9428 May 07 j 05:21	19°♑33'10	46°14'49
	-9428 May 17 j 14:30	0°♒	
	-9428 Jun 13 j 20:54	0°♓	
	-9428 Jul 09 j 06:23	0°♈	
asc. node	-9428 Jul 31 j 17:33	27°♈30'00	
	-9428 Aug 02 j 17:59	0°♉	
	-9428 Aug 26 j 18:58	0°♊	
	-9428 Sep 19 j 16:49	0°♋	
	-9428 Oct 13 j 16:30	0°♌	
	-9428 Nov 06 j 20:23	0°♍	
morning set	-9428 Nov 10 j 13:56	4°♍36'43	
desc. node	-9428 Nov 21 j 10:46	18°♍01'15	
	-9428 Dec 01 j 04:14	0°♎	
superior conj	-9428 Dec 21 j 02:30	24°♎29'07	-0°59'43
minimum elong	-9428 Dec 20 j 17:05	24°♎00'12	0°59'35
max. Earth dist.	-9428 Dec 22 j 07:05	25°♎56'50	1.73461 AU
	-9428 Dec 25 j 14:18	0°♏	
	-9427 Jan 19 j 00:59	0°♐	
evening rise	-9427 Jan 27 j 09:35	10°♐15'23	
greatest brilliancy	-9427 Feb 09 j 14:18	26°♐26'29	-3.9m
	-9427 Feb 12 j 11:59	0°♑	
	-9427 Mar 09 j 00:18	0°♒	
asc. node	-9427 Mar 13 j 04:09	5°♒04'41	
	-9427 Apr 02 j 15:30	0°♓	
	-9427 Apr 27 j 11:04	0°♈	
	-9427 May 22 j 13:21	0°♉	
	-9427 Jun 17 j 04:01	0°♊	
desc. node	-9427 Jul 04 j 02:37	19°♊13'19	
	-9427 Jul 13 j 22:45	0°♋	
evening max el	-9427 Jul 26 j 04:43	12°♋50'10	47°49'13
	-9427 Aug 13 j 10:55	0°♌	
greatest brilliancy	-9427 Sep 05 j 14:39	14°♌50'50	-4.9m
retrograde	-9427 Sep 15 j 07:39	16°♌39'55	
evening set	-9427 Sep 30 j 21:07	11°♌46'00	
min. Earth dist.	-9427 Oct 05 j 13:28	8°♌53'14	0.27098 AU
inferior conj	-9427 Oct 06 j 01:55	8°♌33'30	-4°16'43
minimum elong	-9427 Oct 06 j 10:08	8°♌20'29	4°13'57
morning rise	-9427 Oct 11 j 23:51	4°♌58'57	
asc. node	-9427 Oct 24 j 02:17	0°♌51'39	
direct	-9427 Oct 26 j 11:11	0°♌44'41	
greatest brilliancy	-9427 Nov 04 j 20:34	2°♌25'53	-4.8m
	-9427 Dec 12 j 16:00	0°♍	
morning max el	-9427 Dec 14 j 19:52	2°♍05'25	46°08'43
	-9426 Jan 10 j 18:05	0°♎	
	-9426 Feb 06 j 17:25	0°♏	
desc. node	-9426 Feb 14 j 00:29	8°♏19'47	
	-9426 Mar 04 j 17:09	0°♐	
	-9426 Mar 30 j 00:21	0°♑	
	-9426 Apr 23 j 18:19	0°♒	
	-9426 May 18 j 01:49	0°♓	
asc. node	-9426 Jun 05 j 17:02	23°♓16'17	
morning set	-9426 Jun 08 j 22:43	27°♓20'03	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9426 Jun 11 j 01:39	0°♈	
	-9426 Jul 04 j 20:43	0°♉	
superior conj	-9426 Jul 17 j 11:09	15°♉56'13	1°16'48
minimum elong	-9426 Jul 17 j 03:41	15°♉32'35	1°17'01
max. Earth dist.	-9426 Jul 17 j 12:08	15°♉59'20	1.70781 AU
	-9426 Jul 28 j 14:04	0°♊	
	-9426 Aug 21 j 08:40	0°♋	
evening rise	-9426 Aug 27 j 17:04	7°♋59'00	
	-9426 Sep 14 j 06:48	0°♌	
desc. node	-9426 Sep 26 j 10:38	15°♌09'25	
	-9426 Oct 08 j 09:39	0°♍	
	-9426 Nov 01 j 17:47	0°♎	
	-9426 Nov 26 j 08:31	0°♏	
	-9426 Dec 21 j 09:59	0°♐	
asc. node	-9425 Jan 16 j 07:33	0°♑00'08	
	-9425 Jan 16 j 07:30	0°♑	
	-9425 Feb 12 j 22:19	0°♒	
evening max el	-9425 Feb 27 j 04:58	14°♒08'30	45°04'34
	-9425 Mar 17 j 15:58	0°♓	
greatest brilliancy	-9425 Apr 06 j 11:45	11°♓19'48	-4.7m
retrograde	-9425 Apr 16 j 12:25	13°♓06'50	
evening set	-9425 May 01 j 05:25	9°♓04'47	
inferior conj	-9425 May 07 j 15:00	5°♓26'38	0°24'29
minimum elong	-9425 May 07 j 15:55	5°♓25'16	0°23'55
min. Earth dist.	-9425 May 08 j 12:02	4°♓55'11	0.27578 AU
desc. node	-9425 May 09 j 08:16	4°♓25'02	
morning rise	-9425 May 14 j 01:14	1°♓44'37	
	-9425 May 17 j 16:08	30°♑℞♒	
direct	-9425 May 28 j 21:59	27°♒31'15	
greatest brilliancy	-9425 Jun 09 j 13:51	29°♒58'19	-4.8m
	-9425 Jun 09 j 15:32	0°♓	
	-9425 Jul 18 j 08:58	0°♈	
morning max el	-9425 Jul 18 j 07:01	29°♓55'05	46°41'45
	-9425 Aug 14 j 22:35	0°♉	
asc. node	-9425 Aug 29 j 06:09	16°♉42'57	
	-9425 Sep 09 j 09:00	0°♊	
	-9425 Oct 04 j 01:03	0°♋	
	-9425 Oct 28 j 12:18	0°♌	
	-9425 Nov 22 j 00:42	0°♍	
	-9425 Dec 16 j 15:28	0°♎	
desc. node	-9425 Dec 20 j 00:25	4°♎06'21	
	-9424 Jan 10 j 06:58	0°♏	
morning set	-9424 Jan 23 j 01:56	15°♏35'36	
	-9424 Feb 03 j 20:56	0°♐	
max. Earth dist.	-9424 Feb 25 j 03:35	26°♐05'04	1.73681 AU
superior conj	-9424 Feb 28 j 07:28	29°♐58'14	-1°14'58
minimum elong	-9424 Feb 28 j 13:05	0°♑15'31	1°15'26
	-9424 Feb 28 j 08:03	0°♑	
	-9424 Mar 23 j 16:23	0°♒	
evening rise	-9424 Apr 03 j 13:41	13°♒27'07	
asc. node	-9424 Apr 09 j 16:38	21°♒01'19	
	-9424 Apr 16 j 22:48	0°♓	
	-9424 May 11 j 04:23	0°♈	
	-9424 Jun 04 j 10:20	0°♉	
	-9424 Jun 28 j 18:35	0°♊	
	-9424 Jul 23 j 08:15	0°♋	
desc. node	-9424 Jul 31 j 13:21	9°♋55'39	
	-9424 Aug 17 j 08:37	0°♌	
	-9424 Sep 12 j 06:42	0°♍	
evening max el	-9424 Oct 04 j 23:09	24°♍26'58	46°50'12
	-9424 Oct 10 j 12:46	0°♎	
greatest brilliancy	-9424 Nov 13 j 10:11	25°♎25'53	-4.8m
asc. node	-9424 Nov 20 j 13:00	27°♎28'13	
retrograde	-9424 Nov 24 j 13:42	27°♎47'55	
evening set	-9424 Dec 10 j 03:38	22°♎53'01	

min. Earth dist.	-9424 Dec 15 j 03:09	19°♎47'18	0.28920 AU
inferior conj	-9424 Dec 15 j 19:18	19°♎21'16	5°23'12
minimum elong	-9424 Dec 15 j 10:44	19°♎35'04	5°21'14
morning rise	-9424 Dec 20 j 18:24	16°♎14'36	
direct	-9423 Jan 06 j 03:35	10°♎58'52	
greatest brilliancy	-9423 Jan 15 j 02:36	12°♎27'22	-4.7m
	-9423 Feb 12 j 02:40	0°♏	
morning max el	-9423 Feb 23 j 21:10	10°♏34'07	45°56'16
desc. node	-9423 Mar 13 j 12:25	28°♏10'35	
	-9423 Mar 15 j 06:14	0°♐	
	-9423 Apr 11 j 14:41	0°♑	
	-9423 May 07 j 09:33	0°♒	
	-9423 Jun 01 j 06:16	0°♓	
	-9423 Jun 25 j 12:33	0°♈	
asc. node	-9423 Jul 03 j 06:34	9°♈41'37	
	-9423 Jul 19 j 09:58	0°♉	
	-9423 Aug 12 j 03:22	0°♊	
morning set	-9423 Aug 22 j 09:02	12°♊57'04	
	-9423 Sep 04 j 20:57	0°♋	
	-9423 Sep 28 j 17:47	0°♌	
superior conj	-9423 Oct 03 j 12:31	5°♌58'56	0°44'16
minimum elong	-9423 Oct 03 j 23:12	6°♌32'19	0°44'19
max. Earth dist.	-9423 Oct 10 j 06:46	14°♌25'31	1.71690 AU
	-9423 Oct 22 j 19:07	0°♍	
desc. node	-9423 Oct 23 j 23:35	1°♍28'22	
evening rise	-9423 Nov 15 j 02:12	28°♍50'37	
	-9423 Nov 16 j 00:42	0°♎	
	-9423 Dec 10 j 09:44	0°♏	
	-9422 Jan 03 j 22:23	0°♐	
	-9422 Jan 28 j 16:36	0°♑	
asc. node	-9422 Feb 12 j 18:36	18°♑03'58	
	-9422 Feb 22 j 20:10	0°♒	
	-9422 Mar 20 j 14:37	0°♓	
	-9422 Apr 16 j 10:18	0°♈	
evening max el	-9422 May 11 j 11:03	25°♈57'03	46°33'49
	-9422 May 15 j 16:27	0°♉	
desc. node	-9422 Jun 05 j 18:39	17°♉38'53	
greatest brilliancy	-9422 Jun 21 j 01:27	25°♉48'23	-4.9m
retrograde	-9422 Jun 30 j 13:36	27°♉28'17	
evening set	-9422 Jul 17 j 15:27	21°♉56'49	
inferior conj	-9422 Jul 21 j 06:05	19°♉48'22	-8°31'31
minimum elong	-9422 Jul 21 j 00:06	19°♉57'21	8°30'35
min. Earth dist.	-9422 Jul 20 j 20:15	20°♉03'07	0.26566 AU
morning rise	-9422 Jul 24 j 08:48	17°♉57'33	
direct	-9422 Aug 10 j 14:54	12°♉17'27	
greatest brilliancy	-9422 Aug 20 j 20:38	14°♉17'41	-4.9m
	-9422 Sep 13 j 16:50	0°♊	
asc. node	-9422 Sep 25 j 17:40	11°♊14'03	
morning max el	-9422 Sep 30 j 06:07	15°♊46'34	46°38'02
	-9422 Oct 13 j 16:43	0°♋	
	-9422 Nov 09 j 06:43	0°♌	
	-9422 Dec 04 j 23:04	0°♍	
	-9422 Dec 30 j 08:08	0°♎	
desc. node	-9421 Jan 16 j 13:44	20°♎29'49	
	-9421 Jan 24 j 12:40	0°♏	
	-9421 Feb 18 j 11:44	0°♐	
	-9421 Mar 15 j 04:10	0°♑	
morning set	-9421 Mar 31 j 01:48	19°♑30'39	
	-9421 Apr 08 j 13:56	0°♒	
max. Earth dist.	-9421 Apr 30 j 23:59	27°♒48'51	1.72362 AU
	-9421 May 02 j 18:06	0°♓	
superior conj	-9421 May 05 j 11:26	3°♓23'32	-0°06'28
minimum elong	-9421 May 05 j 12:45	3°♓27'39	0°06'42
behind sun begin	-9421 May 04 j 16:19	2°♓23'58	
behind sun end	-9421 May 06 j 09:11	4°♓31'21	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

asc. node	-9421 May 08 j 05:49	6°♓50'32	
	-9421 May 26 j 18:14	0°♈	
evening rise	-9421 Jun 10 j 22:09	19°♈00'51	
	-9421 Jun 19 j 16:10	0°♉	
	-9421 Jul 13 j 13:58	0°♊	
	-9421 Aug 06 j 13:57	0°♋	
desc. node	-9421 Aug 29 j 00:38	27°♋51'04	
	-9421 Aug 30 j 18:25	0°♌	
	-9421 Sep 24 j 05:50	0°♍	
	-9421 Oct 19 j 04:15	0°♎	
	-9421 Nov 13 j 23:29	0°♏	
	-9421 Dec 11 j 20:43	0°♐	
evening max el	-9421 Dec 15 j 14:13	3°♐41'26	45°14'51
asc. node	-9421 Dec 18 j 23:19	6°♐56'33	
	-9420 Jan 18 j 14:52	0°♑	
greatest brilliancy	-9420 Jan 22 j 04:20	1°♑30'09	-4.7m
retrograde	-9420 Feb 01 j 23:23	3°♑35'51	
	-9420 Feb 15 j 14:16	30°℞♐	
evening set	-9420 Feb 19 j 12:15	27°♐49'21	
inferior conj	-9420 Feb 23 j 10:43	25°♐23'09	7°46'40
minimum elong	-9420 Feb 23 j 15:17	25°♐15'57	7°45'46
min. Earth dist.	-9420 Feb 24 j 06:02	24°♐52'40	0.29476 AU
morning rise	-9420 Feb 27 j 18:06	22°♐42'49	
direct	-9420 Mar 16 j 11:11	16°♐52'38	
greatest brilliancy	-9420 Mar 27 j 01:21	18°♐52'28	-4.7m
desc. node	-9420 Apr 09 j 23:43	26°♐19'10	
	-9420 Apr 15 j 02:09	0°♑	
morning max el	-9420 May 04 j 20:31	17°♑19'44	46°13'55
	-9420 May 17 j 09:10	0°♒	
	-9420 Jun 13 j 11:34	0°♓	
	-9420 Jul 08 j 19:26	0°♈	
asc. node	-9420 Jul 30 j 19:44	26°♈58'33	
	-9420 Aug 02 j 06:15	0°♉	
	-9420 Aug 26 j 06:49	0°♊	
	-9420 Sep 19 j 04:23	0°♋	
	-9420 Oct 13 j 03:54	0°♌	
	-9420 Nov 06 j 07:38	0°♍	
morning set	-9420 Nov 08 j 01:08	2°♍08'22	
desc. node	-9420 Nov 20 j 12:58	17°♍33'44	
	-9420 Nov 30 j 15:19	0°♎	
superior conj	-9420 Dec 18 j 17:14	22°♎13'19	-0°57'24
minimum elong	-9420 Dec 18 j 07:44	21°♎44'10	0°57'15
max. Earth dist.	-9420 Dec 20 j 02:47	23°♎56'20	1.73419 AU
	-9420 Dec 25 j 01:15	0°♏	
	-9419 Jan 18 j 11:53	0°♐	
evening rise	-9419 Jan 25 j 03:40	8°♐10'09	
greatest brilliancy	-9419 Feb 08 j 20:40	26°♐12'27	-3.9m
	-9419 Feb 11 j 22:57	0°♑	
	-9419 Mar 08 j 11:33	0°♒	
asc. node	-9419 Mar 12 j 06:20	4°♒36'53	
	-9419 Apr 02 j 03:13	0°♓	
	-9419 Apr 26 j 23:31	0°♈	
	-9419 May 22 j 02:54	0°♉	
	-9419 Jun 16 j 19:25	0°♊	
desc. node	-9419 Jul 03 j 04:50	18°♊30'53	
	-9419 Jul 13 j 18:13	0°♋	
evening max el	-9419 Jul 23 j 18:11	10°♋24'52	47°48'50
	-9419 Aug 13 j 22:44	0°♌	
greatest brilliancy	-9419 Sep 03 j 06:47	12°♌28'03	-4.9m
retrograde	-9419 Sep 12 j 21:22	14°♌15'17	
evening set	-9419 Sep 28 j 13:53	9°♌18'08	
min. Earth dist.	-9419 Oct 03 j 04:25	6°♌28'21	0.27059 AU
inferior conj	-9419 Oct 03 j 16:04	6°♌09'55	-4°36'27
minimum elong	-9419 Oct 04 j 00:45	5°♌56'11	4°33'37
morning rise	-9419 Oct 09 j 12:10	2°♌37'58	
	-9419 Oct 15 j 03:32	30°℞♋	
asc. node	-9419 Oct 23 j 04:41	28°♋22'43	
direct	-9419 Oct 24 j 00:13	28°♋21'54	
	-9419 Nov 02 j 06:15	0°♌	
greatest brilliancy	-9419 Nov 02 j 11:37	0°♌04'37	-4.8m
morning max el	-9419 Dec 12 j 09:49	29°♌46'10	46°09'37
	-9419 Dec 12 j 15:28	0°♍	
	-9418 Jan 10 j 10:24	0°♎	
	-9418 Feb 06 j 07:05	0°♏	
desc. node	-9418 Feb 13 j 02:33	7°♏47'44	
	-9418 Mar 04 j 05:29	0°♐	
	-9418 Mar 29 j 11:57	0°♑	
	-9418 Apr 23 j 05:32	0°♒	
	-9418 May 17 j 12:52	0°♓	
asc. node	-9418 Jun 04 j 19:10	22°♓48'29	
morning set	-9418 Jun 06 j 14:38	25°♓04'48	
	-9418 Jun 10 j 12:39	0°♈	
	-9418 Jul 04 j 07:44	0°♉	
superior conj	-9418 Jul 14 j 23:47	13°♉29'27	1°15'19
minimum elong	-9418 Jul 14 j 15:46	13°♉04'04	1°15'29
max. Earth dist.	-9418 Jul 14 j 19:04	13°♉14'30	1.70803 AU
	-9418 Jul 28 j 01:08	0°♊	
	-9418 Aug 20 j 19:48	0°♋	
evening rise	-9418 Aug 25 j 01:20	5°♋19'12	
	-9418 Sep 13 j 18:01	0°♌	
desc. node	-9418 Sep 25 j 12:54	14°♌41'25	
	-9418 Oct 07 j 21:00	0°♍	
	-9418 Nov 01 j 05:20	0°♎	
	-9418 Nov 25 j 20:26	0°♏	
	-9418 Dec 20 j 22:41	0°♐	
asc. node	-9417 Jan 15 j 09:43	29°♐25'34	
	-9417 Jan 15 j 21:56	0°♑	
	-9417 Feb 12 j 17:07	0°♒	
evening max el	-9417 Feb 24 j 19:34	11°♒54'52	45°03'08
	-9417 Mar 18 j 08:01	0°♓	
greatest brilliancy	-9417 Apr 04 j 00:07	9°♓02'16	-4.7m
retrograde	-9417 Apr 14 j 02:24	10°♓50'25	
evening set	-9417 Apr 28 j 20:11	6°♓46'17	
inferior conj	-9417 May 05 j 04:45	3°♓09'08	0°46'01
minimum elong	-9417 May 05 j 06:28	3°♓06'35	0°45'10
min. Earth dist.	-9417 May 06 j 02:39	2°♓36'25	0.27648 AU
desc. node	-9417 May 08 j 10:32	1°♓13'49	
	-9417 May 10 j 14:38	30°℞♒	
morning rise	-9417 May 11 j 15:39	29°♒26'19	
direct	-9417 May 26 j 12:58	25°♒12'14	
greatest brilliancy	-9417 Jun 07 j 04:58	27°♒39'50	-4.8m
	-9417 Jun 12 j 04:31	0°♓	
morning max el	-9417 Jul 15 j 22:32	27°♓36'14	46°41'14
	-9417 Jul 18 j 07:05	0°♈	
	-9417 Aug 14 j 14:42	0°♉	
asc. node	-9417 Aug 28 j 08:15	16°♉05'37	
	-9417 Sep 08 j 22:51	0°♊	
	-9417 Oct 03 j 13:48	0°♋	
	-9417 Oct 28 j 00:21	0°♌	
	-9417 Nov 21 j 12:18	0°♍	
	-9417 Dec 16 j 02:43	0°♎	
desc. node	-9417 Dec 19 j 02:28	3°♎38'26	
	-9416 Jan 09 j 17:58	0°♏	
morning set	-9416 Jan 20 j 18:47	13°♏27'16	
	-9416 Feb 03 j 07:46	0°♐	
max. Earth dist.	-9416 Feb 23 j 02:57	24°♐16'14	1.73703 AU
superior conj	-9416 Feb 26 j 02:47	27°♐56'58	-1°16'02
minimum elong	-9416 Feb 26 j 08:00	28°♐13'00	1°16'32
	-9416 Feb 27 j 18:49	0°♑	
	-9416 Mar 23 j 03:12	0°♒	
evening rise	-9416 Apr 01 j 09:18	11°♒25'49	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

asc. node	-9416 Apr 08 j 18:55	20°♒34'38	
	-9416 Apr 16 j 09:48	0°♓	
	-9416 May 10 j 15:40	0°♈	
	-9416 Jun 03 j 22:02	0°♉	
	-9416 Jun 28 j 06:50	0°♊	
	-9416 Jul 22 j 21:15	0°♋	
desc. node	-9416 Jul 30 j 15:27	9°♋21'56	
	-9416 Aug 16 j 22:49	0°♌	
	-9416 Sep 11 j 23:17	0°♍	
evening max el	-9416 Oct 02 j 16:09	22°♍14'03	46°53'49
	-9416 Oct 10 j 12:43	0°♎	
greatest brilliancy	-9416 Nov 11 j 03:37	23°♎15'15	-4.8m
asc. node	-9416 Nov 19 j 15:12	25°♎28'38	
retrograde	-9416 Nov 22 j 07:39	25°♎37'27	
evening set	-9416 Dec 07 j 18:51	20°♎45'24	
min. Earth dist.	-9416 Dec 12 j 19:05	17°♎38'33	0.28859 AU
inferior conj	-9416 Dec 13 j 12:17	17°♎10'49	5°08'58
minimum elong	-9416 Dec 13 j 03:50	17°♎24'26	5°06'59
morning rise	-9416 Dec 18 j 13:30	14°♎01'15	
direct	-9415 Jan 03 j 20:13	8°♎49'30	
greatest brilliancy	-9415 Jan 12 j 17:32	10°♎17'04	-4.7m
	-9415 Feb 12 j 06:48	0°♏	
morning max el	-9415 Feb 21 j 14:05	8°♏27'41	45°56'03
desc. node	-9415 Mar 12 j 14:41	27°♏31'00	
	-9415 Mar 14 j 23:16	0°♐	
	-9415 Apr 11 j 04:36	0°♑	
	-9415 May 06 j 22:06	0°♒	
	-9415 May 31 j 18:07	0°♓	
	-9415 Jun 25 j 00:03	0°♈	
greatest brilliancy	-9415 Jul 02 j 00:09	8°♈45'40	-3.9m
asc. node	-9415 Jul 02 j 08:38	9°♈12'18	
	-9415 Jul 18 j 21:17	0°♉	
	-9415 Aug 11 j 14:37	0°♊	
morning set	-9415 Aug 19 j 18:59	10°♊21'13	
	-9415 Sep 04 j 08:11	0°♋	
	-9415 Sep 28 j 04:58	0°♌	
superior conj	-9415 Sep 30 j 20:51	3°♌19'54	0°47'35
minimum elong	-9415 Oct 01 j 08:00	3°♌54'46	0°47'40
max. Earth dist.	-9415 Oct 07 j 18:26	11°♌57'17	1.71622 AU
	-9415 Oct 22 j 06:15	0°♍	
desc. node	-9415 Oct 23 j 01:45	1°♍00'33	
evening rise	-9415 Nov 12 j 13:53	26°♍24'15	
	-9415 Nov 15 j 11:48	0°♎	
	-9415 Dec 09 j 20:52	0°♏	
	-9414 Jan 03 j 09:42	0°♐	
	-9414 Jan 28 j 04:21	0°♑	
asc. node	-9414 Feb 11 j 20:48	17°♑34'15	
	-9414 Feb 22 j 08:46	0°♒	
	-9414 Mar 20 j 04:49	0°♓	
	-9414 Apr 16 j 03:47	0°♈	
evening max el	-9414 May 09 j 00:38	23°♈34'32	46°29'58
	-9414 May 15 j 19:26	0°♉	
desc. node	-9414 Jun 04 j 20:48	16°♉15'16	
greatest brilliancy	-9414 Jun 18 j 12:35	23°♉18'05	-4.9m
retrograde	-9414 Jun 28 j 01:02	24°♉57'44	
evening set	-9414 Jul 14 j 23:13	19°♉33'02	
inferior conj	-9414 Jul 18 j 17:52	17°♉18'46	-8°23'37
minimum elong	-9414 Jul 18 j 11:06	17°♉28'56	8°22'33
min. Earth dist.	-9414 Jul 18 j 08:24	17°♉32'59	0.26568 AU
morning rise	-9414 Jul 21 j 23:01	15°♉24'20	
direct	-9414 Aug 08 j 03:14	9°♉48'04	
greatest brilliancy	-9414 Aug 18 j 09:39	11°♉48'24	-4.9m
	-9414 Sep 14 j 01:00	0°♊	
asc. node	-9414 Sep 24 j 20:03	10°♊18'36	
morning max el	-9414 Sep 27 j 18:05	13°♊15'43	46°38'41
	-9414 Oct 13 j 11:33	0°♋	
	-9414 Nov 08 j 21:49	0°♌	
	-9414 Dec 04 j 12:25	0°♍	
	-9414 Dec 29 j 20:28	0°♎	
desc. node	-9413 Jan 15 j 15:48	20°♎00'35	
	-9413 Jan 24 j 00:21	0°♏	
	-9413 Feb 17 j 23:00	0°♐	
	-9413 Mar 14 j 15:11	0°♑	
morning set	-9413 Mar 28 j 21:19	17°♑29'22	
	-9413 Apr 08 j 00:52	0°♒	
max. Earth dist.	-9413 Apr 28 j 16:31	25°♒36'52	1.72428 AU
	-9413 May 02 j 05:04	0°♓	
superior conj	-9413 May 03 j 05:54	1°♓17'22	-0°09'31
minimum elong	-9413 May 03 j 07:48	1°♓23'18	0°09'45
behind sun begin	-9413 May 02 j 14:01	0°♓27'52	
behind sun end	-9413 May 04 j 01:36	2°♓18'44	
asc. node	-9413 May 07 j 07:57	6°♓22'55	
	-9413 May 26 j 05:19	0°♈	
evening rise	-9413 Jun 08 j 14:16	16°♈45'44	
	-9413 Jun 19 j 03:26	0°♉	
	-9413 Jul 13 j 01:27	0°♊	
	-9413 Aug 06 j 01:41	0°♋	
desc. node	-9413 Aug 28 j 02:55	27°♋20'54	
	-9413 Aug 30 j 06:30	0°♌	
	-9413 Sep 23 j 18:26	0°♍	
	-9413 Oct 18 j 17:44	0°♎	
	-9413 Nov 13 j 14:51	0°♏	
	-9413 Dec 11 j 17:33	0°♐	
evening max el	-9413 Dec 13 j 04:57	1°♐27'01	45°17'10
asc. node	-9413 Dec 18 j 01:32	6°♐06'18	
greatest brilliancy	-9412 Jan 19 j 20:57	29°♐23'48	-4.7m
	-9412 Jan 21 j 14:38	0°♑	
retrograde	-9412 Jan 30 j 16:01	1°♑30'17	
	-9412 Feb 08 j 09:31	30°℞♐	
evening set	-9412 Feb 17 j 06:20	25°♐41'33	
inferior conj	-9412 Feb 21 j 03:54	23°♐16'38	7°51'06
minimum elong	-9412 Feb 21 j 07:52	23°♐10'22	7°50'18
min. Earth dist.	-9412 Feb 21 j 22:25	22°♐47'22	0.29506 AU
morning rise	-9412 Feb 25 j 09:10	20°♐39'10	
direct	-9412 Mar 14 j 03:41	14°♐45'29	
greatest brilliancy	-9412 Mar 24 j 17:20	16°♐44'21	-4.7m
desc. node	-9412 Apr 09 j 01:57	25°♐08'50	
	-9412 Apr 15 j 12:46	0°♑	
morning max el	-9412 May 02 j 11:55	15°♑06'41	46°12'55
	-9412 May 17 j 03:31	0°♒	
	-9412 Jun 13 j 02:17	0°♓	
	-9412 Jul 08 j 08:40	0°♈	
asc. node	-9412 Jul 29 j 21:52	26°♈26'24	
	-9412 Aug 01 j 18:43	0°♉	
	-9412 Aug 25 j 18:49	0°♊	
	-9412 Sep 18 j 16:06	0°♋	
	-9412 Oct 12 j 15:25	0°♌	
morning set	-9412 Nov 05 j 12:08	29°♌38'50	
	-9412 Nov 05 j 18:59	0°♍	
desc. node	-9412 Nov 19 j 14:58	17°♍05'09	
	-9412 Nov 30 j 02:32	0°♎	
superior conj	-9412 Dec 16 j 07:51	19°♎56'38	-0°55'00
minimum elong	-9412 Dec 15 j 22:20	19°♎27'24	0°54'48
max. Earth dist.	-9412 Dec 17 j 20:26	21°♎48'58	1.73377 AU
	-9412 Dec 24 j 12:22	0°♏	
	-9411 Jan 17 j 22:57	0°♐	
evening rise	-9411 Jan 22 j 21:44	6°♐04'18	
greatest brilliancy	-9411 Feb 08 j 04:45	26°♐03'07	-3.9m
	-9411 Feb 11 j 10:06	0°♑	
	-9411 Mar 07 j 22:58	0°♒	
asc. node	-9411 Mar 11 j 08:40	4°♒09'04	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

	-9411 Apr 01 j 15:08	0°♓		
	-9411 Apr 26 j 12:13	0°♈		
	-9411 May 21 j 16:48	0°♉		
	-9411 Jun 16 j 11:23	0°♊		
desc. node	-9411 Jul 02 j 06:59	17°♊46'34		
	-9411 Jul 13 j 14:43	0°♋		
evening max el	-9411 Jul 21 j 07:38	7°♋58'18	47°48'19	
	-9411 Aug 14 j 15:14	0°♌		
greatest brilliancy	-9411 Aug 31 j 22:24	10°♌02'50	-4.9m	
retrograde	-9411 Sep 10 j 11:12	11°♌48'49		
evening set	-9411 Sep 26 j 06:27	6°♌47'59		
inferior conj	-9411 Oct 01 j 05:54	3°♌44'22	-4°55'49	
minimum elong	-9411 Oct 01 j 14:59	3°♌30'03	4°52'56	
min. Earth dist.	-9411 Sep 30 j 18:54	4°♌01'45	0.27019 AU	
morning rise	-9411 Oct 06 j 24:00	0°♌15'36		
	-9411 Oct 07 j 11:22	30°℞♋		
direct	-9411 Oct 21 j 12:58	25°♋57'05		
asc. node	-9411 Oct 22 j 06:50	25°♋57'46		
greatest brilliancy	-9411 Oct 31 j 02:12	27°♋41'25	-4.8m	
	-9411 Nov 05 j 11:30	0°♌		
morning max el	-9411 Dec 10 j 00:24	27°♌27'34	46°10'37	
	-9411 Dec 12 j 14:18	0°♍		
	-9410 Jan 10 j 02:42	0°♎		
	-9410 Feb 05 j 20:53	0°♏		
desc. node	-9410 Feb 12 j 04:45	7°♏15'28		
	-9410 Mar 03 j 18:01	0°♐		
	-9410 Mar 28 j 23:47	0°♑		
	-9410 Apr 22 j 16:59	0°♒		
	-9410 May 17 j 00:08	0°♓		
asc. node	-9410 Jun 03 j 21:17	22°♓19'55		
morning set	-9410 Jun 04 j 06:51	22°♓49'54		
	-9410 Jun 09 j 23:53	0°♈		
	-9410 Jul 03 j 19:01	0°♉		
max. Earth dist.	-9410 Jul 12 j 03:09	10°♉32'29	1.70833 AU	
superior conj	-9410 Jul 12 j 12:27	11°♉01'53	1°13'41	
minimum elong	-9410 Jul 12 j 03:58	10°♉35'03	1°13'49	
	-9410 Jul 27 j 12:31	0°♊		
	-9410 Aug 20 j 07:18	0°♋		
evening rise	-9410 Aug 22 j 09:20	2°♋37'20		
	-9410 Sep 13 j 05:38	0°♌		
desc. node	-9410 Sep 24 j 15:04	14°♌11'56		
	-9410 Oct 07 j 08:43	0°♍		
	-9410 Oct 31 j 17:13	0°♎		
	-9410 Nov 25 j 08:43	0°♏		
	-9410 Dec 20 j 11:47	0°♐		
asc. node	-9409 Jan 14 j 11:58	28°♐50'06		
	-9409 Jan 15 j 12:52	0°♑		
	-9409 Feb 12 j 12:48	0°♒		
evening max el	-9409 Feb 22 j 11:07	9°♒42'46	45°01'47	
	-9409 Mar 19 j 05:59	0°♓		
greatest brilliancy	-9409 Apr 01 j 12:50	6°♓44'56	-4.7m	
retrograde	-9409 Apr 11 j 16:29	8°♓33'47		
evening set	-9409 Apr 26 j 11:22	4°♓27'44		
inferior conj	-9409 May 02 j 18:42	0°♓51'37	1°07'09	
minimum elong	-9409 May 02 j 21:12	0°♓47'53	1°06'05	
min. Earth dist.	-9409 May 03 j 17:15	0°♓17'52	0.27716 AU	
	-9409 May 04 j 05:13	30°℞♒		
desc. node	-9409 May 07 j 12:36	28°♒04'31		
morning rise	-9409 May 09 j 06:01	27°♒08'07		
direct	-9409 May 24 j 04:29	22°♒53'27		
greatest brilliancy	-9409 Jun 04 j 19:34	25°♒20'33	-4.8m	
	-9409 Jun 13 j 19:22	0°♓		
morning max el	-9409 Jul 13 j 13:47	25°♓16'19	46°40'31	
	-9409 Jul 18 j 04:38	0°♈		
	-9409 Aug 14 j 06:51	0°♉		
asc. node	-9409 Aug 27 j 10:36	15°♉28'16		
	-9409 Sep 08 j 12:58	0°♊		
	-9409 Oct 03 j 02:52	0°♋		
	-9409 Oct 27 j 12:48	0°♌		
	-9409 Nov 21 j 00:16	0°♍		
	-9409 Dec 15 j 14:18	0°♎		
desc. node	-9409 Dec 18 j 04:36	3°♎09'44		
	-9408 Jan 09 j 05:15	0°♏		
morning set	-9408 Jan 18 j 11:28	11°♏17'27		
	-9408 Feb 02 j 18:53	0°♐		
max. Earth dist.	-9408 Feb 21 j 02:26	22°♐26'57	1.73722 AU	
superior conj	-9408 Feb 23 j 22:05	25°♐54'43	-1°17'01	
minimum elong	-9408 Feb 24 j 02:52	26°♐09'26	1°17'31	
	-9408 Feb 27 j 05:53	0°♑		
	-9408 Mar 22 j 14:20	0°♒		
evening rise	-9408 Mar 30 j 05:03	9°♒24'04		
asc. node	-9408 Apr 07 j 21:03	20°♒06'32		
	-9408 Apr 15 j 21:06	0°♓		
	-9408 May 10 j 03:14	0°♈		
	-9408 Jun 03 j 10:01	0°♉		
	-9408 Jun 27 j 19:23	0°♊		
	-9408 Jul 22 j 10:36	0°♋		
desc. node	-9408 Jul 29 j 17:44	8°♋47'46		
	-9408 Aug 16 j 13:26	0°♌		
	-9408 Sep 11 j 16:34	0°♍		
evening max el	-9408 Sep 30 j 09:15	19°♍59'56	46°57'11	
	-9408 Oct 10 j 14:26	0°♎		
greatest brilliancy	-9408 Nov 08 j 21:35	21°♎03'28	-4.8m	
asc. node	-9408 Nov 18 j 17:26	23°♎22'41		
retrograde	-9408 Nov 20 j 01:10	23°♎24'50		
evening set	-9408 Dec 05 j 10:03	18°♎35'52		
min. Earth dist.	-9408 Dec 10 j 11:11	15°♎27'32	0.28792 AU	
inferior conj	-9408 Dec 11 j 05:07	14°♎58'35	4°54'13	
minimum elong	-9408 Dec 10 j 20:51	15°♎11'56	4°52'13	
morning rise	-9408 Dec 16 j 08:25	11°♎45'57		
direct	-9407 Jan 01 j 12:41	6°♎38'33		
greatest brilliancy	-9407 Jan 10 j 08:30	8°♎05'09	-4.7m	
	-9407 Feb 12 j 09:46	0°♏		
morning max el	-9407 Feb 19 j 06:10	6°♏18'14	45°55'53	
desc. node	-9407 Mar 11 j 16:55	26°♏50'55		
	-9407 Mar 14 j 16:17	0°♐		
	-9407 Apr 10 j 18:40	0°♑		
	-9407 May 06 j 10:51	0°♒		
	-9407 May 31 j 06:11	0°♓		
	-9407 Jun 24 j 11:45	0°♈		
asc. node	-9407 Jul 01 j 10:52	8°♈42'44		
greatest brilliancy	-9407 Jul 05 j 02:05	13°♈16'23	-3.9m	
	-9407 Jul 18 j 08:49	0°♉		
	-9407 Aug 11 j 02:04	0°♊		
morning set	-9407 Aug 17 j 05:24	7°♊46'14		
	-9407 Sep 03 j 19:36	0°♋		
	-9407 Sep 27 j 16:21	0°♌		
superior conj	-9407 Sep 28 j 05:24	0°♌40'49	0°50'47	
minimum elong	-9407 Sep 28 j 16:54	1°♌16'51	0°50'54	
max. Earth dist.	-9407 Oct 05 j 06:34	9°♌29'42	1.71559 AU	
	-9407 Oct 21 j 17:37	0°♍		
desc. node	-9407 Oct 22 j 03:46	0°♍31'31		
evening rise	-9407 Nov 10 j 01:09	23°♍55'39		
	-9407 Nov 14 j 23:10	0°♎		
	-9407 Dec 09 j 08:18	0°♏		
	-9406 Jan 02 j 21:19	0°♐		
	-9406 Jan 27 j 16:24	0°♑		
asc. node	-9406 Feb 10 j 23:07	17°♑04'04		
	-9406 Feb 21 j 21:41	0°♒		
	-9406 Mar 19 j 19:24	0°♓		
	-9406 Apr 15 j 21:54	0°♈		

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

evening max el	-9406 May 06 j 13:25	21°♈09'32	46°26'04
	-9406 May 16 j 00:19	0°♉	
desc. node	-9406 Jun 03 j 23:05	14°♉48'28	
greatest brilliancy	-9406 Jun 16 j 00:14	20°♉48'01	-4.9m
retrograde	-9406 Jun 25 j 12:04	22°♉27'07	
evening set	-9406 Jul 12 j 06:51	17°♉09'17	
inferior conj	-9406 Jul 16 j 05:42	14°♉49'08	-8°14'45
minimum elong	-9406 Jul 15 j 22:12	15°♉00'26	8°13'31
min. Earth dist.	-9406 Jul 15 j 21:01	15°♉02'12	0.26571 AU
morning rise	-9406 Jul 19 j 13:32	12°♉50'45	
direct	-9406 Aug 05 j 15:05	7°♉18'22	
greatest brilliancy	-9406 Aug 15 j 23:22	9°♉19'43	-4.9m
	-9406 Sep 14 j 06:58	0°♊	
asc. node	-9406 Sep 23 j 22:09	9°♊23'20	
morning max el	-9406 Sep 25 j 05:35	10°♊43'16	46°39'28
	-9406 Oct 13 j 06:00	0°♋	
	-9406 Nov 08 j 12:50	0°♌	
	-9406 Dec 04 j 01:49	0°♍	
	-9406 Dec 29 j 08:55	0°♎	
desc. node	-9405 Jan 14 j 18:00	19°♎31'18	
	-9405 Jan 23 j 12:11	0°♏	
	-9405 Feb 17 j 10:24	0°♐	
	-9405 Mar 14 j 02:19	0°♑	
morning set	-9405 Mar 26 j 16:41	15°♑27'17	
	-9405 Apr 07 j 11:52	0°♒	
max. Earth dist.	-9405 Apr 26 j 11:18	23°♒31'41	1.72493 AU
superior conj	-9405 May 01 j 00:24	29°♒11'08	-0°12'32
minimum elong	-9405 May 01 j 02:53	29°♒18'51	0°12'47
behind sun begin	-9405 Apr 30 j 13:29	28°♒37'08	
behind sun end	-9405 May 01 j 16:16	0°♓00'34	
	-9405 May 01 j 16:06	0°♓	
asc. node	-9405 May 06 j 10:01	5°♓54'56	
	-9405 May 25 j 16:30	0°♈	
evening rise	-9405 Jun 06 j 06:41	14°♈31'24	
	-9405 Jun 18 j 14:49	0°♉	
	-9405 Jul 12 j 13:03	0°♊	
	-9405 Aug 05 j 13:32	0°♋	
desc. node	-9405 Aug 27 j 05:06	26°♋50'14	
	-9405 Aug 29 j 18:40	0°♌	
	-9405 Sep 23 j 07:05	0°♍	
	-9405 Oct 18 j 07:17	0°♎	
	-9405 Nov 13 j 06:24	0°♏	
evening max el	-9405 Dec 10 j 19:44	29°♏12'39	45°19'32
	-9405 Dec 11 j 15:08	0°♐	
asc. node	-9405 Dec 17 j 03:48	5°♐15'11	
greatest brilliancy	-9404 Jan 17 j 13:02	27°♐16'38	-4.7m
retrograde	-9404 Jan 28 j 09:08	29°♐24'44	
evening set	-9404 Feb 15 j 00:13	23°♐33'52	
inferior conj	-9404 Feb 18 j 21:07	21°♐09'59	7°54'54
minimum elong	-9404 Feb 19 j 00:28	21°♐04'42	7°54'12
min. Earth dist.	-9404 Feb 19 j 14:39	20°♐42'18	0.29536 AU
morning rise	-9404 Feb 23 j 00:28	18°♐35'21	
direct	-9404 Mar 11 j 20:17	12°♐38'10	
greatest brilliancy	-9404 Mar 22 j 09:29	14°♐36'29	-4.7m
desc. node	-9404 Apr 08 j 04:01	24°♐00'01	
	-9404 Apr 15 j 20:37	0°♑	
morning max el	-9404 Apr 30 j 04:11	12°♑55'57	46°11'59
	-9404 May 16 j 21:26	0°♒	
	-9404 Jun 12 j 16:46	0°♓	
	-9404 Jul 07 j 21:44	0°♈	
asc. node	-9404 Jul 29 j 00:06	25°♈54'51	
	-9404 Aug 01 j 07:04	0°♉	
	-9404 Aug 25 j 06:45	0°♊	
	-9404 Sep 18 j 03:46	0°♋	
	-9404 Oct 12 j 02:52	0°♌	
morning set	-9404 Nov 02 j 23:15	27°♌09'42	
	-9404 Nov 05 j 06:15	0°♍	
desc. node	-9404 Nov 18 j 17:08	16°♍37'26	
	-9404 Nov 29 j 13:39	0°♎	
superior conj	-9404 Dec 13 j 22:28	17°♎40'19	-0°52'30
minimum elong	-9404 Dec 13 j 12:59	17°♎11'09	0°52'15
max. Earth dist.	-9404 Dec 15 j 13:46	19°♎41'02	1.73335 AU
	-9404 Dec 23 j 23:21	0°♏	
	-9403 Jan 17 j 09:55	0°♐	
evening rise	-9403 Jan 20 j 15:50	3°♐58'59	
greatest brilliancy	-9403 Feb 07 j 14:02	25°♐57'39	-3.9m
	-9403 Feb 10 j 21:11	0°♑	
	-9403 Mar 07 j 10:20	0°♒	
asc. node	-9403 Mar 10 j 10:45	3°♒40'39	
	-9403 Apr 01 j 03:00	0°♓	
	-9403 Apr 26 j 00:53	0°♈	
	-9403 May 21 j 06:42	0°♉	
	-9403 Jun 16 j 03:27	0°♊	
desc. node	-9403 Jul 01 j 09:16	17°♊02'27	
	-9403 Jul 13 j 11:43	0°♋	
evening max el	-9403 Jul 18 j 21:50	5°♋34'13	47°47'38
	-9403 Aug 15 j 13:04	0°♌	
greatest brilliancy	-9403 Aug 29 j 13:19	7°♌36'55	-4.9m
retrograde	-9403 Sep 08 j 01:21	9°♌22'18	
evening set	-9403 Sep 23 j 22:59	4°♌17'30	
inferior conj	-9403 Sep 28 j 19:35	1°♌18'38	-5°14'54
minimum elong	-9403 Sep 29 j 05:01	1°♌03'48	5°11'59
min. Earth dist.	-9403 Sep 28 j 08:56	1°♌35'22	0.26981 AU
	-9403 Sep 30 j 21:55	30°℞♋	
morning rise	-9403 Oct 04 j 11:29	27°♋53'32	
direct	-9403 Oct 19 j 02:06	23°♋32'06	
asc. node	-9403 Oct 21 j 09:03	23°♋38'29	
greatest brilliancy	-9403 Oct 28 j 16:15	25°♋17'41	-4.9m
	-9403 Nov 07 j 08:19	0°♌	
morning max el	-9403 Dec 07 j 15:47	25°♌11'17	46°11'44
	-9403 Dec 12 j 12:02	0°♍	
	-9402 Jan 09 j 18:29	0°♎	
	-9402 Feb 05 j 10:19	0°♏	
desc. node	-9402 Feb 11 j 06:55	6°♏43'57	
	-9402 Mar 03 j 06:15	0°♐	
	-9402 Mar 28 j 11:22	0°♑	
	-9402 Apr 22 j 04:14	0°♒	
	-9402 May 16 j 11:13	0°♓	
morning set	-9402 Jun 01 j 23:15	20°♓36'20	
asc. node	-9402 Jun 02 j 23:32	21°♓52'22	
	-9402 Jun 09 j 10:55	0°♈	
	-9402 Jul 03 j 06:05	0°♉	
max. Earth dist.	-9402 Jul 09 j 10:46	7°♉49'44	1.70861 AU
superior conj	-9402 Jul 10 j 01:23	8°♉35'58	1°11'55
minimum elong	-9402 Jul 09 j 16:33	8°♉08'00	1°12'01
	-9402 Jul 26 j 23:40	0°♊	
evening rise	-9402 Aug 19 j 17:36	29°♊56'58	
	-9402 Aug 19 j 18:34	0°♋	
	-9402 Sep 12 j 17:02	0°♌	
desc. node	-9402 Sep 23 j 17:04	13°♌42'39	
	-9402 Oct 06 j 20:14	0°♍	
	-9402 Oct 31 j 04:55	0°♎	
	-9402 Nov 24 j 20:47	0°♏	
	-9402 Dec 20 j 00:42	0°♐	
asc. node	-9401 Jan 13 j 14:18	28°♐15'30	
	-9401 Jan 15 j 03:40	0°♑	
	-9401 Feb 12 j 08:42	0°♒	
evening max el	-9401 Feb 20 j 02:50	7°♒32'05	45°00'24
	-9401 Mar 20 j 11:28	0°♓	
greatest brilliancy	-9401 Mar 30 j 02:02	4°♓29'22	-4.7m
retrograde	-9401 Apr 09 j 06:13	6°♓18'14	

Attention, astronomical year style is used: The year -9899 in astronomical counting style is the year 9900 BCE in historical counting style.

evening set	-9401 Apr 24 j 02:48	2°♓10'18	
	-9401 Apr 27 j 23:55	30°♑≈	
inferior conj	-9401 Apr 30 j 08:46	28°≈35'16	1°28'02
minimum elong	-9401 Apr 30 j 12:00	28°≈30'25	1°26'45
min. Earth dist.	-9401 May 01 j 08:00	28°≈00'22	0.27786 AU
morning rise	-9401 May 06 j 20:14	24°≈51'06	
desc. node	-9401 May 06 j 14:54	24°≈58'10	
direct	-9401 May 21 j 20:03	20°≈35'54	
greatest brilliancy	-9401 Jun 02 j 10:09	23°≈02'03	-4.8m
	-9401 Jun 14 j 22:19	0°♓	
morning max el	-9401 Jul 11 j 04:16	22°♓55'13	46°39'46
	-9401 Jul 18 j 01:14	0°♈	
	-9401 Aug 13 j 22:29	0°♉	
asc. node	-9401 Aug 26 j 12:43	14°♉51'21	
	-9401 Sep 08 j 02:40	0°♊	
	-9401 Oct 02 j 15:35	0°♋	
	-9401 Oct 27 j 00:54	0°♌	
	-9401 Nov 20 j 11:55	0°♍	
	-9401 Dec 15 j 01:35	0°♎	
desc. node	-9401 Dec 17 j 06:45	2°♎41'59	
	-9400 Jan 08 j 16:16	0°♏	
morning set	-9400 Jan 16 j 04:03	9°♏08'15	
	-9400 Feb 02 j 05:43	0°♐	
max. Earth dist.	-9400 Feb 19 j 01:06	20°♐36'09	1.73734 AU
superior conj	-9400 Feb 21 j 17:25	23°♐53'37	-1°17'54
minimum elong	-9400 Feb 21 j 21:44	24°♐06'53	1°18'24
	-9400 Feb 26 j 16:38	0°♑	
	-9400 Mar 22 j 01:08	0°≈	
evening rise	-9400 Mar 28 j 00:54	7°≈23'39	
asc. node	-9400 Apr 06 j 23:12	19°≈39'28	
	-9400 Apr 15 j 08:05	0°♓	
	-9400 May 09 j 14:34	0°♈	
	-9400 Jun 02 j 21:48	0°♉	
	-9400 Jun 27 j 07:44	0°♊	
	-9400 Jul 21 j 23:45	0°♋	
desc. node	-9400 Jul 28 j 19:55	8°♋13'53	
	-9400 Aug 16 j 03:55	0°♌	
	-9400 Sep 11 j 09:51	0°♍	
evening max el	-9400 Sep 28 j 01:26	17°♍44'15	47°00'31
	-9400 Oct 10 j 17:11	0°♎	
greatest brilliancy	-9400 Nov 06 j 15:59	18°♎52'46	-4.8m
retrograde	-9400 Nov 17 j 18:06	21°♎12'39	
asc. node	-9400 Nov 17 j 19:46	21°♎12'38	
evening set	-9400 Dec 03 j 01:18	16°♎26'42	
min. Earth dist.	-9400 Dec 08 j 03:36	13°♎16'28	0.28725 AU
inferior conj	-9400 Dec 08 j 21:53	12°♎46'55	4°38'53
minimum elong	-9400 Dec 08 j 13:51	12°♎59'55	4°36'55
morning rise	-9400 Dec 14 j 03:11	9°♎31'07	
direct	-9400 Dec 30 j 04:45	4°♎28'07	
greatest brilliancy	-9399 Jan 08 j 00:02	5°♎54'15	-4.7m
	-9399 Feb 12 j 10:58	0°♏	
morning max el	-9399 Feb 16 j 21:23	4°♏07'27	45°55'53
desc. node	-9399 Mar 10 j 18:55	26°♏11'37	
	-9399 Mar 14 j 08:38	0°♐	
	-9399 Apr 10 j 08:14	0°♑	
	-9399 May 05 j 23:10	0°≈	
	-9399 May 30 j 17:52	0°♓	
	-9399 Jun 23 j 23:08	0°♈	
asc. node	-9399 Jun 30 j 13:02	8°♈14'00	
greatest brilliancy	-9399 Jul 06 j 21:24	16°♈12'20	-3.9m
	-9399 Jul 17 j 20:05	0°♉	
	-9399 Aug 10 j 13:18	0°♊	
morning set	-9399 Aug 14 j 15:33	5°♊11'01	
	-9399 Sep 03 j 06:47	0°♋	
superior conj	-9399 Sep 25 j 13:38	28°♋01'26	0°53'55
minimum elong	-9399 Sep 26 j 01:23	28°♋38'16	0°54'01
	-9399 Sep 27 j 03:30	0°♌	
max. Earth dist.	-9399 Oct 02 j 16:44	6°♌56'43	1.71491 AU
desc. node	-9399 Oct 21 j 05:59	0°♍03'54	
	-9399 Oct 21 j 04:43	0°♍	
evening rise	-9399 Nov 07 j 11:53	21°♍26'08	
	-9399 Nov 14 j 10:17	0°♎	
	-9399 Dec 08 j 19:29	0°♏	
	-9398 Jan 02 j 08:42	0°♐	