Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

superior conj	-10900 Jul 19 j 07:37	9°♉15'47	1°19'37
minimum elong	-10900 Jul 19 j 01:26	8°♉56'12	1°19'53
max. Earth dist.	-10900 Jul 22 j 01:25	12°♉43'53	1.70711 AU
	-10900 Aug 04 j 17:33	0°♊	
	-10900 Aug 28 j 14:18	0°♋	
evening rise	-10900 Aug 30 j 16:19	2°♋36'28	
	-10900 Sep 21 j 15:45	0°♌	
desc. node	-10900 Sep 24 j 22:58	4°♌05'43	
	-10900 Oct 15 j 22:18	0°♍	
	-10900 Nov 09 j 10:13	0°♎	
	-10900 Dec 04 j 05:19	0°♏	
	-10900 Dec 29 j 13:02	0°♐	
asc. node	-10899 Jan 14 j 11:22	18°♐20'41	
	-10899 Jan 24 j 20:48	0°♑	
	-10899 Feb 22 j 08:02	0°♒	
evening max el	-10899 Feb 28 j 11:59	5°♒57'16	45°17'22
	-10899 Mar 31 j 08:12	0°♓	
greatest brilliancy	-10899 Apr 08 j 06:06	3°♓30'15	-4.8m
retrograde	-10899 Apr 18 j 04:09	5°♓15'07	
evening set	-10899 May 02 j 16:26	1°♓18'39	
	-10899 May 05 j 03:17	30°♓♒	
desc. node	-10899 May 07 j 21:21	28°♒25'10	
inferior conj	-10899 May 09 j 03:10	27°♒41'15	-0°17'59
minimum elong	-10899 May 09 j 02:28	27°♒42'17	0°18'08
min. Earth dist.	-10899 May 09 j 19:07	27°♒17'40	0.27080 AU
morning rise	-10899 May 15 j 11:30	24°♒04'46	
direct	-10899 May 30 j 03:56	19°♒56'51	
greatest brilliancy	-10899 Jun 10 j 18:00	22°♒23'58	-4.9m
	-10899 Jun 24 j 01:41	0°♓	
morning max el	-10899 Jul 19 j 17:35	22°♓48'09	46°42'43
	-10899 Jul 26 j 15:41	0°♈	
	-10899 Aug 22 j 09:55	0°♉	
asc. node	-10899 Aug 27 j 09:46	5°♉51'06	
	-10899 Sep 16 j 15:23	0°♊	
	-10899 Oct 11 j 08:57	0°♋	
	-10899 Nov 05 j 00:48	0°♌	
	-10899 Nov 29 j 18:21	0°♍	
desc. node	-10899 Dec 18 j 12:21	22°♍42'35	
	-10899 Dec 24 j 12:43	0°♎	
	-10898 Jan 18 j 05:20	0°♏	
morning set	-10898 Jan 23 j 13:25	6°♏30'29	
	-10898 Feb 11 j 18:05	0°♐	
max. Earth dist.	-10898 Feb 24 j 06:57	15°♐24'55	1.73458 AU
superior conj	-10898 Feb 28 j 05:28	20°♐16'15	-1°13'06
minimum elong	-10898 Feb 28 j 11:26	20°♐34'37	1°13'34
	-10898 Mar 08 j 02:36	0°♑	
	-10898 Apr 01 j 07:54	0°♒	
evening rise	-10898 Apr 04 j 08:07	3°♒44'07	
asc. node	-10898 Apr 08 j 19:52	9°♒18'38	
	-10898 Apr 25 j 11:29	0°♓	
	-10898 May 19 j 14:43	0°♈	
	-10898 Jun 12 j 19:12	0°♉	
	-10898 Jul 07 j 03:15	0°♊	
desc. node	-10898 Jul 31 j 02:02	29°♊09'58	
	-10898 Jul 31 j 18:37	0°♋	
	-10898 Aug 25 j 23:40	0°♌	
	-10898 Sep 21 j 09:11	0°♍	
evening max el	-10898 Oct 06 j 19:12	16°♍16'24	46°24'24
	-10898 Oct 21 j 06:14	0°♎	
greatest brilliancy	-10898 Nov 14 j 12:31	16°♎25'56	-4.8m
asc. node	-10898 Nov 19 j 17:04	18°♎06'09	
retrograde	-10898 Nov 25 j 20:37	18°♎50'38	
evening set	-10898 Dec 11 j 13:27	13°♎52'56	
min. Earth dist.	-10898 Dec 16 j 16:53	10°♎40'45	0.29248 AU
inferior conj	-10898 Dec 17 j 03:17	10°♎24'00	5°40'34
minimum elong	-10898 Dec 16 j 18:39	10°♎37'54	5°38'45
morning rise	-10898 Dec 22 j 00:18	7°♎20'25	
direct	-10897 Jan 07 j 17:50	1°♎55'22	
greatest brilliancy	-10897 Jan 16 j 20:16	3°♎26'13	-4.7m
	-10897 Feb 23 j 22:48	0°♏	
morning max el	-10897 Feb 25 j 13:54	1°♏31'53	46°00'41
desc. node	-10897 Mar 13 j 01:19	16°♏55'22	
	-10897 Mar 25 j 08:34	0°♐	
	-10897 Apr 20 j 23:17	0°♑	
	-10897 May 16 j 05:55	0°♒	
	-10897 Jun 09 j 17:32	0°♓	
asc. node	-10897 Jul 02 j 09:39	28°♓19'06	
	-10897 Jul 03 j 17:45	0°♈	
	-10897 Jul 27 j 12:16	0°♉	
	-10897 Aug 20 j 05:52	0°♊	
morning set	-10897 Aug 25 j 18:12	6°♊57'15	
	-10897 Sep 13 j 02:10	0°♋	
superior conj	-10897 Oct 07 j 05:39	0°♌08'03	0°35'38
minimum elong	-10897 Oct 07 j 14:39	0°♌36'02	0°35'48
	-10897 Oct 07 j 03:03	0°♌	
max. Earth dist.	-10897 Oct 13 j 12:58	7°♌57'47	1.72204 AU
desc. node	-10897 Oct 23 j 11:34	20°♌16'30	
	-10897 Oct 31 j 08:32	0°♍	
evening rise	-10897 Nov 18 j 00:21	21°♍45'18	
	-10897 Nov 24 j 17:23	0°♎	
	-10897 Dec 19 j 04:42	0°♏	
	-10896 Jan 12 j 19:14	0°♐	
	-10896 Feb 06 j 15:38	0°♑	
asc. node	-10896 Feb 11 j 22:18	6°♑19'03	
	-10896 Mar 02 j 21:54	0°♒	
	-10896 Mar 28 j 19:35	0°♓	
	-10896 Apr 24 j 20:45	0°♈	
evening max el	-10896 May 13 j 06:20	18°♈59'49	47°01'38
	-10896 May 24 j 23:15	0°♉	
desc. node	-10896 Jun 04 j 07:39	8°♉35'54	
greatest brilliancy	-10896 Jun 23 j 06:10	19°♉31'59	-4.9m
retrograde	-10896 Jul 02 j 16:59	21°♉11'58	
evening set	-10896 Jul 20 j 02:49	15°♉24'49	
min. Earth dist.	-10896 Jul 22 j 17:33	13°♉50'38	0.26538 AU
inferior conj	-10896 Jul 23 j 09:25	13°♉26'32	-8°43'09
minimum elong	-10896 Jul 23 j 05:43	13°♉32'09	8°42'33
morning rise	-10896 Jul 26 j 08:46	11°♉39'30	
direct	-10896 Aug 12 j 14:55	5°♉56'22	
greatest brilliancy	-10896 Aug 22 j 12:40	7°♉49'36	-4.9m
	-10896 Sep 22 j 16:33	0°♊	
asc. node	-10896 Sep 23 j 21:43	1°♊09'07	
morning max el	-10896 Oct 02 j 00:08	9°♊07'58	46°29'06
	-10896 Oct 21 j 15:08	0°♋	
	-10896 Nov 17 j 03:42	0°♌	
	-10896 Dec 12 j 23:08	0°♍	
	-10895 Jan 07 j 10:44	0°♎	
desc. node	-10895 Jan 15 j 01:57	9°♎03'00	
	-10895 Feb 01 j 15:17	0°♏	
	-10895 Feb 26 j 11:43	0°♐	
	-10895 Mar 22 j 23:51	0°♑	
morning set	-10895 Mar 31 j 02:07	9°♑59'49	
	-10895 Apr 16 j 04:51	0°♒	
max. Earth dist.	-10895 May 01 j 11:39	19°♒05'15	1.71880 AU
superior conj	-10895 May 05 j 16:00	24°♒19'24	-0°01'39
minimum elong	-10895 May 05 j 16:24	24°♒20'37	0°02'02
behind sun begin	-10895 May 04 j 17:53	23°♒10'07	
behind sun end	-10895 May 06 j 14:54	25°♒31'07	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

asc. node	-10895 May 06 j 08:44	25°♒11'48	
	-10895 May 10 j 04:42	0°♓	
	-10895 Jun 03 j 01:37	0°♈	
evening rise	-10895 Jun 11 j 19:21	10°♈59'48	
	-10895 Jun 26 j 21:49	0°♉	
	-10895 Jul 20 j 19:35	0°♊	
	-10895 Aug 13 j 21:09	0°♋	
desc. node	-10895 Aug 27 j 13:13	16°♋54'53	
	-10895 Sep 07 j 04:35	0°♌	
	-10895 Oct 01 j 20:20	0°♍	
	-10895 Oct 27 j 01:35	0°♎	
	-10895 Nov 22 j 10:01	0°♏	
evening max el	-10895 Dec 16 j 08:26	24°♏53'16	44°59'07
asc. node	-10895 Dec 17 j 03:24	25°♏38'57	
	-10895 Dec 21 j 18:25	0°♐	
greatest brilliancy	-10894 Jan 22 j 19:42	22°♐14'26	-4.7m
retrograde	-10894 Feb 02 j 10:09	24°♐15'11	
evening set	-10894 Feb 19 j 21:05	18°♐36'25	
inferior conj	-10894 Feb 23 j 20:58	16°♐10'13	7°41'26
minimum elong	-10894 Feb 24 j 02:19	16°♐01'53	7°40'25
min. Earth dist.	-10894 Feb 24 j 22:40	15°♐30'12	0.29232 AU
morning rise	-10894 Feb 28 j 07:10	13°♐27'26	
direct	-10894 Mar 17 j 20:41	7°♐43'37	
greatest brilliancy	-10894 Mar 28 j 21:21	9°♐52'42	-4.7m
desc. node	-10894 Apr 09 j 12:39	15°♐56'22	
	-10894 Apr 27 j 09:36	0°♑	
morning max el	-10894 May 06 j 12:28	8°♑34'49	46°22'49
	-10894 May 27 j 01:04	0°♒	
	-10894 Jun 22 j 06:36	0°♓	
	-10894 Jul 17 j 03:41	0°♈	
asc. node	-10894 Jul 29 j 23:09	15°♈47'25	
	-10894 Aug 10 j 09:28	0°♉	
	-10894 Sep 03 j 09:30	0°♊	
	-10894 Sep 27 j 09:56	0°♋	
	-10894 Oct 21 j 14:08	0°♌	
morning set	-10894 Nov 11 j 00:05	25°♌09'34	
	-10894 Nov 14 j 22:38	0°♍	
desc. node	-10894 Nov 20 j 00:48	6°♍14'54	
	-10894 Dec 09 j 09:46	0°♎	
superior conj	-10894 Dec 20 j 19:02	13°♎57'04	-1°01'06
minimum elong	-10894 Dec 20 j 10:09	13°♎29'51	1°00'55
max. Earth dist.	-10894 Dec 20 j 10:56	13°♎32'15	1.73689 AU
	-10893 Jan 02 j 21:15	0°♏	
evening rise	-10893 Jan 26 j 08:31	28°♏48'09	
	-10893 Jan 27 j 07:55	0°♐	
greatest brilliancy	-10893 Feb 05 j 05:12	10°♐54'54	-3.9m
	-10893 Feb 20 j 18:18	0°♑	
asc. node	-10893 Mar 11 j 09:50	22°♑51'28	
	-10893 Mar 17 j 05:57	0°♒	
	-10893 Apr 10 j 20:34	0°♓	
	-10893 May 05 j 15:46	0°♈	
	-10893 May 30 j 18:37	0°♉	
	-10893 Jun 25 j 13:04	0°♊	
desc. node	-10893 Jul 02 j 17:47	8°♊08'23	
	-10893 Jul 22 j 22:03	0°♋	
evening max el	-10893 Jul 25 j 18:28	2°♋55'50	47°50'17
	-10893 Aug 26 j 00:19	0°♌	
greatest brilliancy	-10893 Sep 05 j 06:02	5°♌14'14	-4.9m
retrograde	-10893 Sep 15 j 01:48	7°♌07'15	
evening set	-10893 Sep 30 j 14:57	2°♌12'21	
	-10893 Oct 04 j 05:17	30°℞♋	
inferior conj	-10893 Oct 05 j 23:12	28°♋53'02	-3°51'06
minimum elong	-10893 Oct 06 j 06:36	28°♋41'11	3°48'31
min. Earth dist.	-10893 Oct 05 j 10:48	29°♋12'53	0.27502 AU
morning rise	-10893 Oct 11 j 22:52	25°♋13'11	
asc. node	-10893 Oct 22 j 08:39	21°♋16'06	
direct	-10893 Oct 26 j 11:13	20°♋55'04	
greatest brilliancy	-10893 Nov 04 j 18:57	22°♋33'58	-4.8m
	-10893 Nov 18 j 21:51	0°♌	
morning max el	-10893 Dec 14 j 14:52	21°♌46'57	46°04'13
	-10893 Dec 22 j 22:14	0°♍	
	-10892 Jan 20 j 04:21	0°♎	
desc. node	-10892 Feb 12 j 15:07	26°♎21'48	
	-10892 Feb 15 j 19:11	0°♏	
	-10892 Mar 12 j 11:28	0°♐	
	-10892 Apr 06 j 10:55	0°♑	
	-10892 Apr 30 j 21:27	0°♒	
	-10892 May 24 j 22:42	0°♓	
asc. node	-10892 Jun 02 j 22:10	11°♓17'04	
morning set	-10892 Jun 07 j 11:08	17°♓00'15	
	-10892 Jun 17 j 18:11	0°♈	
	-10892 Jul 11 j 11:13	0°♉	
superior conj	-10892 Jul 16 j 18:36	6°♉43'03	1°18'27
minimum elong	-10892 Jul 16 j 11:40	6°♉21'08	1°18'39
max. Earth dist.	-10892 Jul 19 j 06:08	9°♉51'23	1.70712 AU
	-10892 Aug 04 j 04:52	0°♊	
evening rise	-10892 Aug 27 j 23:23	29°♊52'48	
	-10892 Aug 28 j 01:41	0°♋	
	-10892 Sep 21 j 03:12	0°♌	
desc. node	-10892 Sep 24 j 01:03	3°♌36'39	
	-10892 Oct 15 j 09:51	0°♍	
	-10892 Nov 08 j 21:58	0°♎	
	-10892 Dec 03 j 17:32	0°♏	
	-10892 Dec 29 j 02:16	0°♐	
asc. node	-10891 Jan 13 j 13:42	17°♐46'32	
	-10891 Jan 24 j 12:19	0°♑	
	-10891 Feb 22 j 05:45	0°♒	
evening max el	-10891 Feb 26 j 02:50	3°♒42'56	45°14'57
	-10891 Apr 02 j 17:12	0°♓	
greatest brilliancy	-10891 Apr 05 j 17:50	1°♓08'58	-4.8m
retrograde	-10891 Apr 15 j 17:18	2°♓54'28	
	-10891 Apr 28 j 01:55	30°℞♒	
evening set	-10891 Apr 30 j 06:04	28°♒56'57	
inferior conj	-10891 May 06 j 16:03	25°♒19'58	0°04'30
minimum elong	-10891 May 06 j 16:12	25°♒19'44	0°04'04
transit middle	-10891 May 06 j 16:12	25°♒19'44	0°04'04
transit begin	-10891 May 06 j 12:12	25°♒25'40	
transit end	-10891 May 06 j 20:13	25°♒13'48	
desc. node	-10891 May 06 j 23:32	25°♒08'54	
min. Earth dist.	-10891 May 07 j 09:00	24°♒54'55	0.27141 AU
morning rise	-10891 May 13 j 01:28	21°♒42'07	
direct	-10891 May 27 j 18:30	17°♒34'26	
greatest brilliancy	-10891 Jun 08 j 08:08	20°♒01'29	-4.9m
	-10891 Jun 24 j 20:47	0°♓	
morning max el	-10891 Jul 17 j 08:03	20°♓25'16	46°42'29
	-10891 Jul 26 j 11:50	0°♈	
	-10891 Aug 22 j 01:30	0°♉	
asc. node	-10891 Aug 26 j 12:03	5°♉13'12	
	-10891 Sep 16 j 05:06	0°♊	
	-10891 Oct 10 j 21:40	0°♋	
	-10891 Nov 04 j 12:54	0°♌	
	-10891 Nov 29 j 05:58	0°♍	
desc. node	-10891 Dec 17 j 14:35	22°♍15'04	
	-10891 Dec 23 j 23:58	0°♎	
	-10890 Jan 17 j 16:18	0°♏	
morning set	-10890 Jan 21 j 07:12	4°♏24'54	
	-10890 Feb 11 j 04:55	0°♐	
max. Earth dist.	-10890 Feb 22 j 05:14	13°♐32'24	1.73493 AU
superior conj	-10890 Feb 26 j 01:13	18°♐15'45	-1°14'17
minimum elong	-10890 Feb 26 j 06:49	18°♐32'59	1°14'46
	-10890 Mar 07 j 13:26	0°♑	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10890 Mar 31 j 18:52	0°♒		
evening rise	-10890 Apr 02 j 03:36	1°♒41'35		
asc. node	-10890 Apr 07 j 21:58	8°♒50'56		
	-10890 Apr 24 j 22:39	0°♓		
	-10890 May 19 j 02:11	0°♈		
	-10890 Jun 12 j 07:03	0°♉		
	-10890 Jul 06 j 15:38	0°♊		
desc. node	-10890 Jul 30 j 04:18	28°♊37'13		
	-10890 Jul 31 j 07:46	0°♋		
	-10890 Aug 25 j 14:12	0°♌		
	-10890 Sep 21 j 02:51	0°♍		
evening max el	-10890 Oct 04 j 12:07	14°♍04'10	46°28'02	
	-10890 Oct 21 j 12:03	0°♎		
greatest brilliancy	-10890 Nov 12 j 06:49	14°♎18'04	-4.8m	
asc. node	-10890 Nov 18 j 19:25	16°♎14'50		
retrograde	-10890 Nov 23 j 14:25	16°♎42'04		
evening set	-10890 Dec 09 j 05:00	11°♎47'32		
inferior conj	-10890 Dec 14 j 20:38	8°♎15'28	5°27'18	
minimum elong	-10890 Dec 14 j 12:06	8°♎29'16	5°25'28	
min. Earth dist.	-10890 Dec 14 j 09:18	8°♎33'46	0.29199 AU	
morning rise	-10890 Dec 19 j 19:43	5°♎08'40		
	-10889 Jan 02 j 06:17	30°℞♍		
direct	-10889 Jan 05 j 11:00	29°♍47'48		
	-10889 Jan 08 j 17:02	0°♎		
greatest brilliancy	-10889 Jan 14 j 11:32	1°♎17'23	-4.7m	
morning max el	-10889 Feb 23 j 05:56	29°♎23'29	46°00'11	
	-10889 Feb 23 j 21:20	0°♏		
desc. node	-10889 Mar 12 j 03:25	16°♏14'43		
	-10889 Mar 25 j 00:16	0°♐		
	-10889 Apr 20 j 12:39	0°♑		
	-10889 May 15 j 18:14	0°♒		
	-10889 Jun 09 j 05:19	0°♓		
asc. node	-10889 Jul 01 j 11:53	27°♓50'02		
	-10889 Jul 03 j 05:13	0°♈		
	-10889 Jul 26 j 23:34	0°♉		
	-10889 Aug 19 j 17:04	0°♊		
morning set	-10889 Aug 23 j 03:53	4°♊21'16		
	-10889 Sep 12 j 13:18	0°♋		
superior conj	-10889 Oct 04 j 14:54	27°♋33'11	0°39'06	
minimum elong	-10889 Oct 05 j 00:35	28°♋03'17	0°39'15	
	-10889 Oct 06 j 14:08	0°♌		
max. Earth dist.	-10889 Oct 11 j 05:28	5°♌45'46	1.72137 AU	
desc. node	-10889 Oct 22 j 13:40	19°♌48'52		
	-10889 Oct 30 j 19:33	0°♍		
evening rise	-10889 Nov 15 j 13:44	19°♍24'56		
	-10889 Nov 24 j 04:24	0°♎		
	-10889 Dec 18 j 15:49	0°♏		
	-10888 Jan 12 j 06:37	0°♐		
	-10888 Feb 06 j 03:35	0°♑		
asc. node	-10888 Feb 11 j 00:33	5°♑49'38		
	-10888 Mar 02 j 10:52	0°♒		
	-10888 Mar 28 j 10:27	0°♓		
	-10888 Apr 24 j 15:34	0°♈		
evening max el	-10888 May 10 j 19:07	16°♈33'55	46°57'49	
	-10888 May 25 j 07:18	0°♉		
desc. node	-10888 Jun 03 j 10:00	7°♉18'08		
greatest brilliancy	-10888 Jun 20 j 18:12	17°♉01'26	-4.9m	
retrograde	-10888 Jun 30 j 04:22	18°♉40'44		
evening set	-10888 Jul 17 j 11:37	12°♉59'29		
min. Earth dist.	-10888 Jul 20 j 05:59	11°♉20'05	0.26518 AU	
inferior conj	-10888 Jul 20 j 21:23	10°♉56'42	-8°38'09	
minimum elong	-10888 Jul 20 j 16:48	11°♉03'39	8°37'28	
morning rise	-10888 Jul 23 j 22:06	9°♉07'40		
direct	-10888 Aug 10 j 02:44	3°♉27'06		
greatest brilliancy	-10888 Aug 20 j 02:05	5°♉21'12	-4.9m	
asc. node	-10888 Sep 22 j 23:47	0°♊10'44		
	-10888 Sep 22 j 19:20	0°♊		
morning max el	-10888 Sep 29 j 11:36	6°♊37'14	46°30'05	
	-10888 Oct 21 j 08:34	0°♋		
	-10888 Nov 16 j 18:03	0°♌		
	-10888 Dec 12 j 11:59	0°♍		
	-10887 Jan 06 j 22:42	0°♎		
desc. node	-10887 Jan 14 j 04:05	8°♎34'21		
	-10887 Feb 01 j 02:42	0°♏		
	-10887 Feb 25 j 22:47	0°♐		
	-10887 Mar 22 j 10:43	0°♑		
morning set	-10887 Mar 28 j 21:23	7°♑57'27		
	-10887 Apr 15 j 15:40	0°♒		
max. Earth dist.	-10887 Apr 29 j 04:51	16°♒54'55	1.71946 AU	
superior conj	-10887 May 03 j 09:35	22°♒10'08	-0°04'49	
minimum elong	-10887 May 03 j 10:37	22°♒13'23	0°05'10	
behind sun begin	-10887 May 02 j 13:04	21°♒05'53		
behind sun end	-10887 May 04 j 08:11	23°♒20'54		
asc. node	-10887 May 05 j 10:56	24°♒44'39		
	-10887 May 09 j 15:35	0°♓		
	-10887 Jun 02 j 12:39	0°♈		
evening rise	-10887 Jun 09 j 10:00	8°♈39'59		
	-10887 Jun 26 j 09:04	0°♉		
	-10887 Jul 20 j 07:03	0°♊		
	-10887 Aug 13 j 08:50	0°♋		
desc. node	-10887 Aug 26 j 15:20	16°♋24'55		
	-10887 Sep 06 j 16:34	0°♌		
	-10887 Oct 01 j 08:50	0°♍		
	-10887 Oct 26 j 15:09	0°♎		
	-10887 Nov 22 j 02:07	0°♏		
evening max el	-10887 Dec 13 j 23:00	22°♏39'50	45°00'36	
asc. node	-10887 Dec 16 j 05:42	24°♏50'55		
	-10887 Dec 21 j 19:23	0°♐		
greatest brilliancy	-10886 Jan 20 j 10:51	20°♐06'35	-4.7m	
retrograde	-10886 Jan 31 j 02:42	22°♐09'08		
evening set	-10886 Feb 17 j 14:50	16°♐27'24		
inferior conj	-10886 Feb 21 j 13:37	14°♐02'49	7°46'45	
minimum elong	-10886 Feb 21 j 18:24	13°♐55'22	7°45'49	
min. Earth dist.	-10886 Feb 22 j 14:30	13°♐24'03	0.29285 AU	
morning rise	-10886 Feb 25 j 21:34	11°♐23'17		
direct	-10886 Mar 15 j 13:06	5°♐35'07		
greatest brilliancy	-10886 Mar 26 j 13:19	7°♐43'40	-4.7m	
desc. node	-10886 Apr 08 j 14:50	14°♐42'34		
	-10886 Apr 27 j 11:28	0°♑		
morning max el	-10886 May 04 j 04:26	6°♑22'15	46°21'56	
	-10886 May 26 j 17:51	0°♒		
	-10886 Jun 21 j 20:38	0°♓		
	-10886 Jul 16 j 16:30	0°♈		
asc. node	-10886 Jul 29 j 01:17	15°♈15'27		
	-10886 Aug 09 j 21:39	0°♉		
	-10886 Sep 02 j 21:17	0°♊		
	-10886 Sep 26 j 21:26	0°♋		
	-10886 Oct 21 j 01:25	0°♌		
morning set	-10886 Nov 08 j 12:29	22°♌45'56		
	-10886 Nov 14 j 09:42	0°♍		
desc. node	-10886 Nov 19 j 03:04	5°♍48'02		
	-10886 Dec 08 j 20:40	0°♎		
superior conj	-10886 Dec 18 j 11:22	11°♎46'48	-0°58'58	
minimum elong	-10886 Dec 18 j 02:21	11°♎19'12	0°58'46	
max. Earth dist.	-10886 Dec 18 j 06:26	11°♎31'43	1.73665 AU	
	-10885 Jan 02 j 08:05	0°♏		
evening rise	-10885 Jan 24 j 03:46	26°♏46'38		
	-10885 Jan 26 j 18:47	0°♐		
greatest brilliancy	-10885 Feb 03 j 20:17	9°♐54'00	-3.9m	
	-10885 Feb 20 j 05:20	0°♑		
asc. node	-10885 Mar 10 j 11:55	22°♑23'18		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10885 Mar 16 j 17:21	0°♒	
	-10885 Apr 10 j 08:33	0°♓	
	-10885 May 05 j 04:35	0°♈	
	-10885 May 30 j 08:42	0°♉	
	-10885 Jun 25 j 05:26	0°♊	
desc. node	-10885 Jul 01 j 20:01	7°♊26'10	
	-10885 Jul 22 j 19:59	0°♋	
evening max el	-10885 Jul 23 j 09:18	0°♋33'56	47°51'08
	-10885 Aug 27 j 15:33	0°♌	
greatest brilliancy	-10885 Sep 02 j 22:01	2°♌52'32	-4.9m
retrograde	-10885 Sep 12 j 17:05	4°♌45'04	
	-10885 Sep 27 j 22:56	30°℞♋	
evening set	-10885 Sep 28 j 08:08	29°♋46'40	
min. Earth dist.	-10885 Oct 03 j 01:41	26°♋50'59	0.27453 AU
inferior conj	-10885 Oct 03 j 13:57	26°♋31'24	-4°10'44
minimum elong	-10885 Oct 03 j 21:52	26°♋18'47	4°08'01
morning rise	-10885 Oct 09 j 12:11	22°♋54'11	
asc. node	-10885 Oct 21 j 10:59	18°♋42'43	
direct	-10885 Oct 24 j 01:15	18°♋34'19	
greatest brilliancy	-10885 Nov 02 j 09:39	20°♋14'17	-4.8m
	-10885 Nov 19 j 18:28	0°♌	
morning max el	-10885 Dec 12 j 06:45	19°♌34'01	46°05'01
	-10885 Dec 22 j 18:06	0°♍	
	-10884 Jan 19 j 19:24	0°♎	
desc. node	-10884 Feb 11 j 17:12	25°♎49'51	
	-10884 Feb 15 j 08:14	0°♏	
	-10884 Mar 11 j 23:30	0°♐	
	-10884 Apr 05 j 22:25	0°♑	
	-10884 Apr 30 j 08:42	0°♒	
	-10884 May 24 j 09:51	0°♓	
asc. node	-10884 Jun 02 j 00:25	10°♓49'07	
morning set	-10884 Jun 05 j 02:06	14°♓41'07	
	-10884 Jun 17 j 05:20	0°♈	
	-10884 Jul 10 j 22:23	0°♉	
superior conj	-10884 Jul 14 j 05:38	4°♉10'44	1°17'06
minimum elong	-10884 Jul 13 j 22:02	3°♉46'41	1°17'15
max. Earth dist.	-10884 Jul 16 j 11:57	7°♉02'32	1.70711 AU
	-10884 Aug 03 j 16:06	0°♊	
evening rise	-10884 Aug 25 j 06:26	27°♊09'09	
	-10884 Aug 27 j 13:00	0°♋	
	-10884 Sep 20 j 14:37	0°♌	
desc. node	-10884 Sep 23 j 03:11	3°♌07'51	
	-10884 Oct 14 j 21:24	0°♍	
	-10884 Nov 08 j 09:44	0°♎	
	-10884 Dec 03 j 05:47	0°♏	
	-10884 Dec 28 j 15:34	0°♐	
asc. node	-10883 Jan 12 j 15:59	17°♐12'05	
	-10883 Jan 24 j 04:01	0°♑	
	-10883 Feb 22 j 04:17	0°♒	
evening max el	-10883 Feb 23 j 17:46	1°♒28'59	45°12'31
greatest brilliancy	-10883 Apr 03 j 06:04	28°♒48'29	-4.7m
	-10883 Apr 07 j 16:30	0°♓	
retrograde	-10883 Apr 13 j 06:01	0°♓33'45	
	-10883 Apr 18 j 15:52	30°℞♒	
evening set	-10883 Apr 27 j 19:53	26°♒35'09	
inferior conj	-10883 May 04 j 04:57	22°♒58'44	0°26'56
minimum elong	-10883 May 04 j 05:57	22°♒57'14	0°26'13
min. Earth dist.	-10883 May 04 j 23:03	22°♒31'54	0.27206 AU
desc. node	-10883 May 06 j 01:53	21°♒52'18	
morning rise	-10883 May 10 j 15:10	19°♒19'27	
direct	-10883 May 25 j 08:56	15°♒12'01	
greatest brilliancy	-10883 Jun 05 j 22:08	17°♒38'29	-4.9m
	-10883 Jun 25 j 11:18	0°♓	
morning max el	-10883 Jul 14 j 21:47	18°♓00'05	46°42'11
	-10883 Jul 26 j 07:33	0°♈	
	-10883 Aug 21 j 17:00	0°♉	
asc. node	-10883 Aug 25 j 14:10	4°♉34'44	
	-10883 Sep 15 j 18:48	0°♊	
	-10883 Oct 10 j 10:25	0°♋	
	-10883 Nov 04 j 01:02	0°♌	
	-10883 Nov 28 j 17:40	0°♍	
desc. node	-10883 Dec 16 j 16:38	21°♍46'42	
	-10883 Dec 23 j 11:19	0°♎	
	-10882 Jan 17 j 03:23	0°♏	
morning set	-10882 Jan 19 j 00:55	2°♏18'47	
	-10882 Feb 10 j 15:52	0°♐	
max. Earth dist.	-10882 Feb 20 j 02:22	11°♐36'06	1.73522 AU
superior conj	-10882 Feb 23 j 21:03	16°♐15'18	-1°15'22
minimum elong	-10882 Feb 24 j 02:15	16°♐31'17	1°15'51
	-10882 Mar 07 j 00:22	0°♑	
evening rise	-10882 Mar 30 j 23:13	29°♑39'12	
	-10882 Mar 31 j 05:55	0°♒	
asc. node	-10882 Apr 07 j 00:17	8°♒23'39	
	-10882 Apr 24 j 09:57	0°♓	
	-10882 May 18 j 13:50	0°♈	
	-10882 Jun 11 j 19:08	0°♉	
	-10882 Jul 06 j 04:18	0°♊	
desc. node	-10882 Jul 29 j 06:26	28°♊03'07	
	-10882 Jul 30 j 21:17	0°♋	
	-10882 Aug 25 j 05:09	0°♌	
	-10882 Sep 20 j 21:10	0°♍	
evening max el	-10882 Oct 02 j 04:00	11°♍48'29	46°31'46
	-10882 Oct 21 j 20:34	0°♎	
greatest brilliancy	-10882 Nov 10 j 01:36	12°♎09'48	-4.8m
asc. node	-10882 Nov 17 j 21:44	14°♎18'29	
retrograde	-10882 Nov 21 j 07:46	14°♎32'28	
evening set	-10882 Dec 06 j 20:33	9°♎40'59	
min. Earth dist.	-10882 Dec 12 j 02:00	6°♎25'17	0.29147 AU
inferior conj	-10882 Dec 12 j 13:56	6°♎05'58	5°13'30
minimum elong	-10882 Dec 12 j 05:30	6°♎19'37	5°11'40
morning rise	-10882 Dec 17 j 15:00	2°♎55'53	
	-10882 Dec 23 j 07:14	30°℞♍	
direct	-10881 Jan 03 j 03:37	27°♍39'13	
greatest brilliancy	-10881 Jan 12 j 03:13	29°♍07'54	-4.7m
	-10881 Jan 14 j 14:15	0°♎	
morning max el	-10881 Feb 20 j 21:16	27°♎12'36	45°59'52
	-10881 Feb 23 j 19:20	0°♏	
desc. node	-10881 Mar 11 j 05:33	15°♏33'58	
	-10881 Mar 24 j 15:57	0°♐	
	-10881 Apr 20 j 02:08	0°♑	
	-10881 May 15 j 06:42	0°♒	
	-10881 Jun 08 j 17:15	0°♓	
asc. node	-10881 Jun 30 j 14:00	27°♓19'59	
	-10881 Jul 02 j 16:54	0°♈	
	-10881 Jul 26 j 11:08	0°♉	
	-10881 Aug 19 j 04:35	0°♊	
morning set	-10881 Aug 20 j 13:08	1°♊42'43	
	-10881 Sep 12 j 00:46	0°♋	
superior conj	-10881 Oct 01 j 23:37	24°♋55'32	0°42'32
minimum elong	-10881 Oct 02 j 09:54	25°♋27'32	0°42'40
	-10881 Oct 06 j 01:31	0°♌	
max. Earth dist.	-10881 Oct 08 j 20:18	3°♌27'26	1.72063 AU
desc. node	-10881 Oct 21 j 15:57	19°♌20'50	
	-10881 Oct 30 j 06:53	0°♍	
evening rise	-10881 Nov 13 j 02:30	17°♍01'41	
	-10881 Nov 23 j 15:44	0°♎	
	-10881 Dec 18 j 03:16	0°♏	
	-10880 Jan 11 j 18:22	0°♐	
	-10880 Feb 05 j 15:54	0°♑	
asc. node	-10880 Feb 10 j 02:43	5°♑18'52	
	-10880 Mar 02 j 00:15	0°♒	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10880 Mar 28 j 01:47	0°♓		
	-10880 Apr 24 j 11:08	0°♈		
evening max el	-10880 May 08 j 06:57	14°♈05'18	46°54'03	
	-10880 May 25 j 18:23	0°♉		
desc. node	-10880 Jun 02 j 12:10	5°♉56'54		
greatest brilliancy	-10880 Jun 18 j 06:09	14°♉30'10	-4.9m	
retrograde	-10880 Jun 27 j 15:36	16°♉09'03		
evening set	-10880 Jul 14 j 19:58	10°♉33'48		
inferior conj	-10880 Jul 18 j 09:20	8°♉26'07	-8°31'57	
minimum elong	-10880 Jul 18 j 03:53	8°♉34'22	8°31'11	
min. Earth dist.	-10880 Jul 17 j 18:29	8°♉48'37	0.26507 AU	
morning rise	-10880 Jul 21 j 11:52	6°♉34'33		
direct	-10880 Aug 07 j 14:16	0°♉56'39		
greatest brilliancy	-10880 Aug 17 j 15:58	2°♉52'19	-4.9m	
asc. node	-10880 Sep 22 j 02:08	29°♉13'05		
	-10880 Sep 22 j 21:13	0°♊		
morning max el	-10880 Sep 26 j 23:29	4°♊06'03	46°30'58	
	-10880 Oct 21 j 02:09	0°♋		
	-10880 Nov 16 j 08:43	0°♌		
	-10880 Dec 12 j 01:09	0°♍		
	-10879 Jan 06 j 10:59	0°♎		
desc. node	-10879 Jan 13 j 06:10	8°♎04'35		
	-10879 Jan 31 j 14:26	0°♏		
	-10879 Feb 25 j 10:11	0°♐		
	-10879 Mar 21 j 21:56	0°♑		
morning set	-10879 Mar 26 j 16:41	5°♑54'08		
	-10879 Apr 15 j 02:49	0°♒		
max. Earth dist.	-10879 Apr 26 j 23:03	14°♒46'48	1.72006 AU	
superior conj	-10879 May 01 j 03:27	20°♒00'49	-0°07'56	
minimum elong	-10879 May 01 j 05:06	20°♒05'58	0°08'16	
behind sun begin	-10879 Apr 30 j 09:36	19°♒04'57		
behind sun end	-10879 May 02 j 00:36	21°♒07'00		
asc. node	-10879 May 04 j 13:12	24°♒16'42		
	-10879 May 09 j 02:47	0°♓		
	-10879 Jun 01 j 23:59	0°♈		
evening rise	-10879 Jun 07 j 01:10	6°♈21'02		
	-10879 Jun 25 j 20:35	0°♉		
	-10879 Jul 19 j 18:47	0°♊		
	-10879 Aug 12 j 20:50	0°♋		
desc. node	-10879 Aug 25 j 17:32	15°♋54'06		
	-10879 Sep 06 j 04:55	0°♌		
	-10879 Sep 30 j 21:48	0°♍		
	-10879 Oct 26 j 05:16	0°♎		
	-10879 Nov 21 j 19:01	0°♏		
evening max el	-10879 Dec 11 j 14:14	20°♏26'42	45°02'22	
asc. node	-10879 Dec 15 j 07:56	24°♏00'36		
	-10879 Dec 21 j 22:21	0°♐		
greatest brilliancy	-10878 Jan 18 j 01:30	17°♐56'57	-4.7m	
retrograde	-10878 Jan 28 j 19:36	20°♐01'41		
evening set	-10878 Feb 15 j 08:21	14°♐17'16		
inferior conj	-10878 Feb 19 j 06:10	11°♐53'56	7°51'21	
minimum elong	-10878 Feb 19 j 10:22	11°♐47'24	7°50'31	
min. Earth dist.	-10878 Feb 20 j 05:51	11°♐17'03	0.29334 AU	
morning rise	-10878 Feb 23 j 12:02	9°♐17'30		
direct	-10878 Mar 13 j 05:53	3°♐25'15		
greatest brilliancy	-10878 Mar 24 j 04:34	5°♐32'43	-4.7m	
desc. node	-10878 Apr 07 j 17:11	13°♐29'58		
	-10878 Apr 27 j 12:34	0°♑		
morning max el	-10878 May 01 j 21:21	4°♑11'05	46°21'06	
	-10878 May 26 j 10:43	0°♒		
	-10878 Jun 21 j 10:52	0°♓		
	-10878 Jul 16 j 05:32	0°♈		
asc. node	-10878 Jul 28 j 03:27	14°♈42'58		
	-10878 Aug 09 j 10:03	0°♉		
	-10878 Sep 02 j 09:17	0°♊		
	-10878 Sep 26 j 09:11	0°♋		
	-10878 Oct 20 j 12:58	0°♌		
morning set	-10878 Nov 06 j 00:31	20°♌20'01		
	-10878 Nov 13 j 21:06	0°♍		
desc. node	-10878 Nov 18 j 05:07	5°♍19'27		
	-10878 Dec 08 j 07:55	0°♎		
superior conj	-10878 Dec 16 j 03:05	9°♎33'35	-0°56'44	
minimum elong	-10878 Dec 15 j 17:59	9°♎05'44	0°56'28	
max. Earth dist.	-10878 Dec 16 j 02:06	9°♎30'35	1.73640 AU	
	-10877 Jan 01 j 19:14	0°♏		
evening rise	-10877 Jan 21 j 22:36	24°♏42'52		
	-10877 Jan 26 j 05:57	0°♐		
greatest brilliancy	-10877 Feb 02 j 09:15	8°♐45'42	-3.9m	
	-10877 Feb 19 j 16:41	0°♑		
asc. node	-10877 Mar 09 j 14:15	21°♑54'49		
	-10877 Mar 16 j 05:07	0°♒		
	-10877 Apr 09 j 20:55	0°♓		
	-10877 May 04 j 17:48	0°♈		
	-10877 May 29 j 23:14	0°♉		
	-10877 Jun 24 j 22:20	0°♊		
desc. node	-10877 Jun 30 j 22:13	6°♊42'44		
evening max el	-10877 Jul 21 j 01:11	28°♊14'16	47°51'57	
	-10877 Jul 22 j 18:58	0°♋		
	-10877 Aug 30 j 06:19	0°♌		
greatest brilliancy	-10877 Aug 31 j 13:34	0°♌30'07	-4.9m	
retrograde	-10877 Sep 10 j 08:43	2°♌22'31		
	-10877 Sep 20 j 22:42	30°℞♋		
evening set	-10877 Sep 26 j 01:31	27°♋20'39		
min. Earth dist.	-10877 Sep 30 j 16:15	24°♋29'18	0.27405 AU	
inferior conj	-10877 Oct 01 j 04:46	24°♋09'22	-4°29'50	
minimum elong	-10877 Oct 01 j 13:08	23°♋56'04	4°27'03	
morning rise	-10877 Oct 07 j 01:23	20°♋35'06		
asc. node	-10877 Oct 20 j 13:18	16°♋14'59		
direct	-10877 Oct 21 j 15:52	16°♋13'28		
greatest brilliancy	-10877 Oct 30 j 23:54	17°♋53'42	-4.8m	
	-10877 Nov 20 j 10:01	0°♌		
morning max el	-10877 Dec 09 j 22:56	17°♌21'04	46°05'34	
	-10877 Dec 22 j 13:39	0°♍		
	-10876 Jan 19 j 10:32	0°♎		
desc. node	-10876 Feb 10 j 19:22	25°♎17'32		
	-10876 Feb 14 j 21:28	0°♏		
	-10876 Mar 11 j 11:44	0°♐		
	-10876 Apr 05 j 10:07	0°♑		
	-10876 Apr 29 j 20:08	0°♒		
	-10876 May 23 j 21:12	0°♓		
asc. node	-10876 Jun 01 j 02:28	10°♓19'56		
morning set	-10876 Jun 02 j 17:10	12°♓21'45		
	-10876 Jun 16 j 16:40	0°♈		
	-10876 Jul 10 j 09:46	0°♉		
superior conj	-10876 Jul 11 j 17:02	1°♉38'54	1°15'37	
minimum elong	-10876 Jul 11 j 08:50	1°♉13'01	1°15'43	
max. Earth dist.	-10876 Jul 13 j 15:29	4°♉05'50	1.70709 AU	
	-10876 Aug 03 j 03:30	0°♊		
evening rise	-10876 Aug 22 j 13:46	24°♊25'49		
	-10876 Aug 27 j 00:27	0°♋		
	-10876 Sep 20 j 02:08	0°♌		
desc. node	-10876 Sep 22 j 05:29	2°♌39'16		
	-10876 Oct 14 j 09:02	0°♍		
	-10876 Nov 07 j 21:36	0°♎		
	-10876 Dec 02 j 18:11	0°♏		
	-10876 Dec 28 j 05:06	0°♐		
asc. node	-10875 Jan 11 j 18:11	16°♐36'49		
	-10875 Jan 23 j 20:09	0°♑		
evening max el	-10875 Feb 21 j 08:28	29°♑14'04	45°10'10	
	-10875 Feb 22 j 04:00	0°♒		
greatest brilliancy	-10875 Mar 31 j 19:03	26°♒28'51	-4.7m	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

retrograde	-10875 Apr 10 j 18:19	28°♒13'18	
evening set	-10875 Apr 25 j 10:03	24°♒13'22	
inferior conj	-10875 May 01 j 18:03	20°♒37'56	0°49'01
minimum elong	-10875 May 01 j 19:53	20°♒35'12	0°48'03
min. Earth dist.	-10875 May 02 j 13:35	20°♒08'52	0.27272 AU
desc. node	-10875 May 05 j 04:00	18°♒37'20	
morning rise	-10875 May 08 j 04:47	16°♒57'16	
direct	-10875 May 22 j 23:02	12°♒49'54	
greatest brilliancy	-10875 Jun 03 j 12:37	15°♒16'06	-4.9m
	-10875 Jun 25 j 22:18	0°♓	
morning max el	-10875 Jul 12 j 10:45	15°♓32'45	46°41'52
	-10875 Jul 26 j 02:49	0°♈	
	-10875 Aug 21 j 08:22	0°♉	
asc. node	-10875 Aug 24 j 16:25	3°♉56'48	
	-10875 Sep 15 j 08:28	0°♊	
	-10875 Oct 09 j 23:07	0°♋	
	-10875 Nov 03 j 13:07	0°♌	
	-10875 Nov 28 j 05:17	0°♍	
desc. node	-10875 Dec 15 j 18:44	21°♍18'37	
	-10875 Dec 22 j 22:35	0°♎	
morning set	-10874 Jan 16 j 18:40	0°♏12'54	
	-10874 Jan 16 j 14:26	0°♏	
	-10874 Feb 10 j 02:48	0°♐	
max. Earth dist.	-10874 Feb 17 j 22:09	9°♐35'39	1.73556 AU
superior conj	-10874 Feb 21 j 16:55	14°♐15'00	-1°16'21
minimum elong	-10874 Feb 21 j 21:41	14°♐29'41	1°16'52
	-10874 Mar 06 j 11:19	0°♑	
evening rise	-10874 Mar 28 j 18:46	27°♑36'42	
	-10874 Mar 30 j 17:00	0°♒	
asc. node	-10874 Apr 06 j 02:29	7°♒55'59	
	-10874 Apr 23 j 21:16	0°♓	
	-10874 May 18 j 01:29	0°♈	
	-10874 Jun 11 j 07:14	0°♉	
	-10874 Jul 05 j 17:00	0°♊	
desc. node	-10874 Jul 28 j 08:42	27°♊29'20	
	-10874 Jul 30 j 10:51	0°♋	
	-10874 Aug 24 j 20:14	0°♌	
	-10874 Sep 20 j 15:49	0°♍	
evening max el	-10874 Sep 29 j 19:18	9°♍31'28	46°35'36
	-10874 Oct 22 j 07:48	0°♎	
greatest brilliancy	-10874 Nov 07 j 20:46	10°♎02'33	-4.8m
asc. node	-10874 Nov 16 j 23:53	12°♎18'48	
retrograde	-10874 Nov 19 j 01:08	12°♎23'54	
evening set	-10874 Dec 04 j 12:23	7°♎35'09	
inferior conj	-10874 Dec 10 j 07:27	3°♎57'37	4°59'25
minimum elong	-10874 Dec 09 j 23:10	4°♎11'03	4°57'34
min. Earth dist.	-10874 Dec 09 j 19:12	4°♎17'30	0.29093 AU
morning rise	-10874 Dec 15 j 10:28	0°♎44'20	
	-10874 Dec 16 j 17:14	30°℞♍	
direct	-10874 Dec 31 j 19:52	25°♍31'42	
greatest brilliancy	-10873 Jan 09 j 19:37	27°♍00'09	-4.7m
	-10873 Jan 17 j 00:05	0°♎	
morning max el	-10873 Feb 18 j 12:30	25°♎02'06	45°59'29
	-10873 Feb 23 j 16:16	0°♏	
desc. node	-10873 Mar 10 j 07:51	14°♏54'44	
	-10873 Mar 24 j 07:16	0°♐	
	-10873 Apr 19 j 15:24	0°♑	
	-10873 May 14 j 19:00	0°♒	
	-10873 Jun 08 j 05:02	0°♓	
asc. node	-10873 Jun 29 j 16:11	26°♓50'34	
	-10873 Jul 02 j 04:25	0°♈	
	-10873 Jul 25 j 22:32	0°♉	
morning set	-10873 Aug 17 j 22:22	29°♉04'33	
	-10873 Aug 18 j 15:56	0°♊	
	-10873 Sep 11 j 12:04	0°♋	
superior conj	-10873 Sep 29 j 08:18	22°♋18'09	0°45'51
minimum elong	-10873 Sep 29 j 19:07	22°♋51'51	0°46'01
	-10873 Oct 05 j 12:45	0°♌	
max. Earth dist.	-10873 Oct 06 j 08:01	0°♌59'51	1.71988 AU
desc. node	-10873 Oct 20 j 17:59	18°♌52'31	
	-10873 Oct 29 j 18:03	0°♍	
evening rise	-10873 Nov 10 j 15:06	14°♍38'26	
	-10873 Nov 23 j 02:52	0°♎	
	-10873 Dec 17 j 14:29	0°♏	
	-10872 Jan 11 j 05:51	0°♐	
	-10872 Feb 05 j 03:59	0°♑	
asc. node	-10872 Feb 09 j 05:04	4°♑49'26	
	-10872 Mar 01 j 13:27	0°♒	
	-10872 Mar 27 j 17:05	0°♓	
	-10872 Apr 24 j 07:05	0°♈	
evening max el	-10872 May 05 j 18:47	11°♈37'19	46°50'12
	-10872 May 26 j 08:48	0°♉	
desc. node	-10872 Jun 01 j 14:22	4°♉33'30	
greatest brilliancy	-10872 Jun 15 j 17:44	11°♉58'53	-4.9m
retrograde	-10872 Jun 25 j 03:08	13°♉37'57	
evening set	-10872 Jul 12 j 03:54	8°♉08'45	
inferior conj	-10872 Jul 15 j 21:11	5°♉55'57	-8°24'41
minimum elong	-10872 Jul 15 j 14:54	6°♉05'26	8°23'47
min. Earth dist.	-10872 Jul 15 j 06:47	6°♉17'42	0.26497 AU
morning rise	-10872 Jul 19 j 01:55	4°♉01'28	
	-10872 Jul 27 j 09:03	30°℞♈	
direct	-10872 Aug 05 j 01:52	28°♈26'29	
	-10872 Aug 14 j 02:26	0°♉	
greatest brilliancy	-10872 Aug 15 j 05:40	0°♉23'56	-4.9m
asc. node	-10872 Sep 21 j 04:26	28°♉17'18	
	-10872 Sep 22 j 21:33	0°♊	
morning max el	-10872 Sep 24 j 12:15	1°♊37'48	46°31'53
	-10872 Oct 20 j 19:05	0°♋	
	-10872 Nov 15 j 22:56	0°♌	
	-10872 Dec 11 j 13:58	0°♍	
	-10871 Jan 05 j 22:56	0°♎	
desc. node	-10871 Jan 12 j 08:20	7°♎36'03	
	-10871 Jan 31 j 01:49	0°♏	
	-10871 Feb 24 j 21:13	0°♐	
	-10871 Mar 21 j 08:47	0°♑	
morning set	-10871 Mar 24 j 12:19	3°♑53'00	
	-10871 Apr 14 j 13:39	0°♒	
max. Earth dist.	-10871 Apr 24 j 17:56	12°♒41'47	1.72071 AU
superior conj	-10871 Apr 28 j 21:34	17°♒53'15	-0°11'01
minimum elong	-10871 Apr 28 j 23:49	18°♒00'16	0°11'21
behind sun begin	-10871 Apr 28 j 07:48	17°♒10'12	
behind sun end	-10871 Apr 29 j 15:49	18°♒50'21	
asc. node	-10871 May 03 j 15:18	23°♒49'06	
	-10871 May 08 j 13:43	0°♓	
	-10871 Jun 01 j 11:05	0°♈	
evening rise	-10871 Jun 04 j 16:31	4°♈03'23	
	-10871 Jun 25 j 07:53	0°♉	
	-10871 Jul 19 j 06:17	0°♊	
	-10871 Aug 12 j 08:35	0°♋	
desc. node	-10871 Aug 24 j 19:49	15°♋24'19	
	-10871 Sep 05 j 17:02	0°♌	
	-10871 Sep 30 j 10:32	0°♍	
	-10871 Oct 25 j 19:14	0°♎	
	-10871 Nov 21 j 11:53	0°♏	
evening max el	-10871 Dec 09 j 06:34	18°♏17'12	45°04'17
asc. node	-10871 Dec 14 j 10:16	23°♏10'41	
	-10871 Dec 22 j 02:30	0°♐	
greatest brilliancy	-10870 Jan 15 j 16:34	15°♐49'21	-4.7m
retrograde	-10870 Jan 26 j 12:55	17°♐55'56	
evening set	-10870 Feb 13 j 01:57	12°♐09'28	
inferior conj	-10870 Feb 16 j 23:00	9°♐46'57	7°55'16

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

minimum elong	-10870 Feb 17 j 02:34	9°♐41'23	7°54'32
min. Earth dist.	-10870 Feb 17 j 21:08	9°♐12'24	0.29376 AU
morning rise	-10870 Feb 21 j 02:54	7°♐13'20	
direct	-10870 Mar 10 j 23:15	1°♐17'38	
greatest brilliancy	-10870 Mar 21 j 19:16	3°♐23'06	-4.7m
desc. node	-10870 Apr 06 j 19:14	12°♐20'35	
	-10870 Apr 27 j 11:54	0°♑	
morning max el	-10870 Apr 29 j 14:34	2°♑02'26	46°20'05
	-10870 May 26 j 02:49	0°♒	
	-10870 Jun 21 j 00:38	0°♓	
	-10870 Jul 15 j 18:15	0°♈	
asc. node	-10870 Jul 27 j 05:43	14°♈11'38	
	-10870 Aug 08 j 22:10	0°♉	
	-10870 Sep 01 j 21:02	0°♊	
	-10870 Sep 25 j 20:40	0°♋	
	-10870 Oct 20 j 00:14	0°♌	
morning set	-10870 Nov 03 j 12:16	17°♌54'03	
	-10870 Nov 13 j 08:11	0°♍	
desc. node	-10870 Nov 17 j 07:13	4°♍51'58	
	-10870 Dec 07 j 18:53	0°♎	
superior conj	-10870 Dec 13 j 18:33	7°♎20'23	-0°54'22
minimum elong	-10870 Dec 13 j 09:26	6°♎52'26	0°54'04
max. Earth dist.	-10870 Dec 13 j 23:11	7°♎34'35	1.73614 AU
	-10869 Jan 01 j 06:07	0°♏	
evening rise	-10869 Jan 19 j 17:29	22°♏40'08	
	-10869 Jan 25 j 16:51	0°♐	
greatest brilliancy	-10869 Feb 01 j 06:08	8°♐02'35	-3.9m
	-10869 Feb 19 j 03:45	0°♑	
asc. node	-10869 Mar 08 j 16:32	21°♑27'14	
	-10869 Mar 15 j 16:31	0°♒	
	-10869 Apr 09 j 08:55	0°♓	
	-10869 May 04 j 06:42	0°♈	
	-10869 May 29 j 13:32	0°♉	
	-10869 Jun 24 j 15:13	0°♊	
desc. node	-10869 Jun 30 j 00:30	5°♊59'48	
evening max el	-10869 Jul 18 j 17:40	25°♊56'39	47°52'16
	-10869 Jul 22 j 18:42	0°♋	
greatest brilliancy	-10869 Aug 29 j 05:00	28°♋07'25	-4.9m
retrograde	-10869 Sep 08 j 00:04	29°♋59'12	
evening set	-10869 Sep 23 j 18:45	24°♋54'07	
inferior conj	-10869 Sep 28 j 19:17	21°♋46'48	-4°48'45
minimum elong	-10869 Sep 29 j 04:02	21°♋32'53	4°45'55
min. Earth dist.	-10869 Sep 28 j 06:33	22°♋07'04	0.27357 AU
morning rise	-10869 Oct 04 j 14:02	18°♋15'40	
direct	-10869 Oct 19 j 06:21	13°♋52'19	
asc. node	-10869 Oct 19 j 15:25	13°♋52'29	
greatest brilliancy	-10869 Oct 28 j 13:41	15°♋32'19	-4.8m
	-10869 Nov 20 j 21:33	0°♌	
morning max el	-10869 Dec 07 j 14:26	15°♌06'47	46°06'09
	-10869 Dec 22 j 08:26	0°♍	
	-10868 Jan 19 j 01:14	0°♎	
desc. node	-10868 Feb 09 j 21:35	24°♎46'15	
	-10868 Feb 14 j 10:21	0°♏	
	-10868 Mar 10 j 23:39	0°♐	
	-10868 Apr 04 j 21:31	0°♑	
	-10868 Apr 29 j 07:15	0°♒	
	-10868 May 23 j 08:12	0°♓	
morning set	-10868 May 31 j 08:51	10°♓05'27	
asc. node	-10868 May 31 j 04:44	9°♓52'28	
	-10868 Jun 16 j 03:41	0°♈	
superior conj	-10868 Jul 09 j 04:58	29°♈09'51	1°13'59
minimum elong	-10868 Jul 08 j 20:18	28°♈42'26	1°14'03
	-10868 Jul 09 j 20:50	0°♉	
max. Earth dist.	-10868 Jul 10 j 17:27	1°♉05'14	1.70717 AU
	-10868 Aug 02 j 14:41	0°♊	
evening rise	-10868 Aug 19 j 21:06	21°♊42'58	
	-10868 Aug 26 j 11:44	0°♋	
	-10868 Sep 19 j 13:31	0°♌	
desc. node	-10868 Sep 21 j 07:33	2°♌10'21	
	-10868 Oct 13 j 20:32	0°♍	
	-10868 Nov 07 j 09:22	0°♎	
	-10868 Dec 02 j 06:30	0°♏	
	-10868 Dec 27 j 18:38	0°♐	
asc. node	-10867 Jan 10 j 20:33	16°♐02'07	
	-10867 Jan 23 j 12:25	0°♑	
evening max el	-10867 Feb 18 j 22:26	26°♑57'56	45°07'57
	-10867 Feb 22 j 04:39	0°♒	
greatest brilliancy	-10867 Mar 29 j 08:29	24°♒10'39	-4.7m
retrograde	-10867 Apr 08 j 06:27	25°♒54'17	
evening set	-10867 Apr 23 j 00:29	21°♒52'32	
inferior conj	-10867 Apr 29 j 07:19	18°♒18'34	1°10'47
minimum elong	-10867 Apr 29 j 09:57	18°♒14'38	1°09'34
min. Earth dist.	-10867 Apr 30 j 04:34	17°♒46'53	0.27336 AU
desc. node	-10867 May 04 j 06:12	15°♒25'24	
morning rise	-10867 May 05 j 18:21	14°♒36'47	
direct	-10867 May 20 j 12:47	10°♒29'01	
greatest brilliancy	-10867 Jun 01 j 03:44	12°♒55'45	-4.9m
	-10867 Jun 26 j 05:59	0°♓	
morning max el	-10867 Jul 09 j 23:21	13°♓05'35	46°41'38
	-10867 Jul 25 j 21:14	0°♈	
	-10867 Aug 20 j 23:16	0°♉	
asc. node	-10867 Aug 23 j 18:41	3°♉20'03	
	-10867 Sep 14 j 21:50	0°♊	
	-10867 Oct 09 j 11:39	0°♋	
	-10867 Nov 03 j 01:06	0°♌	
	-10867 Nov 27 j 16:50	0°♍	
desc. node	-10867 Dec 14 j 20:59	20°♍51'10	
	-10867 Dec 22 j 09:48	0°♎	
morning set	-10866 Jan 14 j 11:52	28°♎05'31	
	-10866 Jan 16 j 01:25	0°♏	
	-10866 Feb 09 j 13:40	0°♐	
max. Earth dist.	-10866 Feb 15 j 17:42	7°♐34'47	1.73588 AU
superior conj	-10866 Feb 19 j 12:30	12°♐14'07	-1°17'16
minimum elong	-10866 Feb 19 j 16:49	12°♐27'25	1°17'46
	-10866 Mar 05 j 22:13	0°♑	
evening rise	-10866 Mar 26 j 14:17	25°♑34'24	
	-10866 Mar 30 j 04:01	0°♒	
asc. node	-10866 Apr 05 j 04:36	7°♒28'11	
	-10866 Apr 23 j 08:31	0°♓	
	-10866 May 17 j 13:03	0°♈	
	-10866 Jun 10 j 19:14	0°♉	
	-10866 Jul 05 j 05:35	0°♊	
desc. node	-10866 Jul 27 j 10:58	26°♊56'03	
	-10866 Jul 30 j 00:18	0°♋	
	-10866 Aug 24 j 11:18	0°♌	
	-10866 Sep 20 j 10:50	0°♍	
evening max el	-10866 Sep 27 j 10:05	7°♍13'10	46°39'13
	-10866 Oct 22 j 23:04	0°♎	
greatest brilliancy	-10866 Nov 05 j 15:21	7°♎53'43	-4.8m
asc. node	-10866 Nov 16 j 02:16	10°♎13'49	
retrograde	-10866 Nov 16 j 18:15	10°♎14'22	
evening set	-10866 Dec 02 j 04:01	5°♎27'50	
min. Earth dist.	-10866 Dec 07 j 12:17	2°♎08'21	0.29044 AU
inferior conj	-10866 Dec 08 j 00:44	1°♎48'09	4°44'37
minimum elong	-10866 Dec 07 j 16:39	2°♎01'16	4°42'46
	-10866 Dec 10 j 20:05	30°℞♍	
morning rise	-10866 Dec 13 j 05:45	28°♍31'45	
direct	-10866 Dec 29 j 11:42	23°♍22'48	
greatest brilliancy	-10865 Jan 07 j 12:14	24°♍51'42	-4.7m
	-10865 Jan 18 j 13:32	0°♎	
morning max el	-10865 Feb 16 j 04:03	22°♎51'56	45°59'13

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10865 Feb 23 j 12:43	0°♏	
desc. node	-10865 Mar 09 j 09:57	14°♏15'04	
	-10865 Mar 23 j 22:27	0°♐	
	-10865 Apr 19 j 04:38	0°♑	
	-10865 May 14 j 07:17	0°♒	
	-10865 Jun 07 j 16:50	0°♓	
asc. node	-10865 Jun 28 j 18:25	26°♓21'18	
	-10865 Jul 01 j 15:56	0°♈	
	-10865 Jul 25 j 09:55	0°♉	
morning set	-10865 Aug 15 j 08:08	26°♉28'06	
	-10865 Aug 18 j 03:14	0°♊	
	-10865 Sep 10 j 23:18	0°♋	
superior conj	-10865 Sep 26 j 17:16	19°♋41'39	0°49'05
minimum elong	-10865 Sep 27 j 04:32	20°♋16'46	0°49'14
max. Earth dist.	-10865 Oct 03 j 17:59	28°♋26'54	1.71917 AU
	-10865 Oct 04 j 23:56	0°♌	
desc. node	-10865 Oct 19 j 20:08	18°♌24'33	
	-10865 Oct 29 j 05:13	0°♍	
evening rise	-10865 Nov 08 j 03:37	12°♍14'45	
	-10865 Nov 22 j 14:04	0°♎	
	-10865 Dec 17 j 01:50	0°♏	
	-10864 Jan 10 j 17:31	0°♐	
	-10864 Feb 04 j 16:17	0°♑	
asc. node	-10864 Feb 08 j 07:20	4°♑19'08	
	-10864 Mar 01 j 02:56	0°♒	
	-10864 Mar 27 j 08:49	0°♓	
	-10864 Apr 24 j 03:51	0°♈	
evening max el	-10864 May 03 j 07:19	9°♈10'54	46°46'27
	-10864 May 27 j 04:10	0°♉	
desc. node	-10864 May 31 j 16:44	3°♉07'02	
greatest brilliancy	-10864 Jun 13 j 04:40	9°♉26'29	-4.9m
retrograde	-10864 Jun 22 j 15:07	11°♉06'27	
evening set	-10864 Jul 09 j 11:34	5°♉43'16	
inferior conj	-10864 Jul 13 j 08:54	3°♉25'11	-8°16'26
minimum elong	-10864 Jul 13 j 01:52	3°♉35'46	8°15'22
min. Earth dist.	-10864 Jul 12 j 18:44	3°♉46'29	0.26486 AU
morning rise	-10864 Jul 16 j 16:12	1°♉27'27	
	-10864 Jul 19 j 07:05	30°℞♈	
direct	-10864 Aug 02 j 13:59	25°♈55'48	
greatest brilliancy	-10864 Aug 12 j 18:51	27°♈54'37	-4.9m
	-10864 Aug 17 j 12:25	0°♉	
asc. node	-10864 Sep 20 j 06:32	27°♉22'04	
morning max el	-10864 Sep 22 j 01:53	29°♉11'39	46°32'55
	-10864 Sep 22 j 20:51	0°♊	
	-10864 Oct 20 j 11:43	0°♋	
	-10864 Nov 15 j 13:04	0°♌	
	-10864 Dec 11 j 02:48	0°♍	
	-10863 Jan 05 j 11:00	0°♎	
desc. node	-10863 Jan 11 j 10:29	7°♎07'01	
	-10863 Jan 30 j 13:23	0°♏	
	-10863 Feb 24 j 08:29	0°♐	
	-10863 Mar 20 j 19:53	0°♑	
morning set	-10863 Mar 22 j 07:42	1°♑50'28	
	-10863 Apr 14 j 00:42	0°♒	
max. Earth dist.	-10863 Apr 22 j 11:34	10°♒32'22	1.72132 AU
superior conj	-10863 Apr 26 j 15:31	15°♒44'33	-0°14'05
minimum elong	-10863 Apr 26 j 18:20	15°♒53'21	0°14'25
behind sun begin	-10863 Apr 26 j 08:36	15°♒22'55	
behind sun end	-10863 Apr 27 j 04:04	16°♒23'47	
asc. node	-10863 May 02 j 17:33	23°♒21'21	
	-10863 May 08 j 00:51	0°♓	
	-10863 May 31 j 22:24	0°♈	
evening rise	-10863 Jun 02 j 07:49	1°♈45'03	
	-10863 Jun 24 j 19:24	0°♉	
	-10863 Jul 18 j 18:01	0°♊	
	-10863 Aug 11 j 20:34	0°♋	
desc. node	-10863 Aug 23 j 21:56	14°♋53'23	
	-10863 Sep 05 j 05:23	0°♌	
	-10863 Sep 29 j 23:29	0°♍	
	-10863 Oct 25 j 09:26	0°♎	
	-10863 Nov 21 j 05:13	0°♏	
evening max el	-10863 Dec 06 j 23:20	16°♏08'16	45°06'06
asc. node	-10863 Dec 13 j 12:34	22°♏19'23	
	-10863 Dec 22 j 08:54	0°♐	
greatest brilliancy	-10862 Jan 13 j 08:00	13°♐41'29	-4.7m
retrograde	-10862 Jan 24 j 05:53	15°♐49'14	
evening set	-10862 Feb 10 j 19:23	10°♐01'14	
inferior conj	-10862 Feb 14 j 15:49	7°♐39'08	7°58'36
minimum elong	-10862 Feb 14 j 18:45	7°♐34'33	7°57'56
min. Earth dist.	-10862 Feb 15 j 12:25	7°♐06'53	0.29418 AU
morning rise	-10862 Feb 18 j 17:55	5°♐07'54	
	-10862 Mar 02 j 03:25	30°℞♏	
direct	-10862 Mar 08 j 16:50	29°♏09'15	
	-10862 Mar 15 j 11:15	0°♐	
greatest brilliancy	-10862 Mar 19 j 09:44	1°♐12'10	-4.7m
desc. node	-10862 Apr 05 j 21:28	11°♐12'20	
	-10862 Apr 27 j 10:45	0°♑	
morning max el	-10862 Apr 27 j 07:14	29°♐51'25	46°19'02
	-10862 May 25 j 19:03	0°♒	
	-10862 Jun 20 j 14:37	0°♓	
	-10862 Jul 15 j 07:09	0°♈	
asc. node	-10862 Jul 26 j 07:52	13°♈39'15	
	-10862 Aug 08 j 10:29	0°♉	
	-10862 Sep 01 j 09:00	0°♊	
	-10862 Sep 25 j 08:22	0°♋	
	-10862 Oct 19 j 11:43	0°♌	
morning set	-10862 Nov 01 j 00:14	15°♌27'59	
	-10862 Nov 12 j 19:30	0°♍	
desc. node	-10862 Nov 16 j 09:28	4°♍24'16	
	-10862 Dec 07 j 06:02	0°♎	
superior conj	-10862 Dec 11 j 10:08	5°♎06'56	-0°51'55
minimum elong	-10862 Dec 11 j 01:03	4°♎39'04	0°51'36
max. Earth dist.	-10862 Dec 11 j 22:12	5°♎43'54	1.73582 AU
	-10862 Dec 31 j 17:11	0°♏	
evening rise	-10861 Jan 17 j 12:30	20°♏37'13	
	-10861 Jan 25 j 03:58	0°♐	
greatest brilliancy	-10861 Jan 31 j 05:35	7°♐26'39	-3.9m
	-10861 Feb 18 j 15:05	0°♑	
asc. node	-10861 Mar 07 j 18:39	20°♑58'12	
	-10861 Mar 15 j 04:17	0°♒	
	-10861 Apr 08 j 21:19	0°♓	
	-10861 May 03 j 20:02	0°♈	
	-10861 May 29 j 04:20	0°♉	
	-10861 Jun 24 j 08:47	0°♊	
desc. node	-10861 Jun 29 j 02:45	5°♊15'17	
evening max el	-10861 Jul 16 j 09:43	23°♊36'55	47°52'29
	-10861 Jul 22 j 19:55	0°♋	
greatest brilliancy	-10861 Aug 26 j 20:51	25°♋44'17	-4.9m
retrograde	-10861 Sep 05 j 15:03	27°♋34'40	
evening set	-10861 Sep 21 j 12:06	22°♋26'31	
inferior conj	-10861 Sep 26 j 09:47	19°♋23'18	-5°07'21
minimum elong	-10861 Sep 26 j 18:53	19°♋08'49	5°04'28
min. Earth dist.	-10861 Sep 25 j 21:06	19°♋43'30	0.27307 AU
morning rise	-10861 Oct 02 j 02:22	15°♋55'18	
direct	-10861 Oct 16 j 20:34	11°♋30'15	
asc. node	-10861 Oct 18 j 17:49	11°♋34'35	
greatest brilliancy	-10861 Oct 26 j 03:49	13°♋10'11	-4.8m
	-10861 Nov 21 j 06:25	0°♌	
morning max el	-10861 Dec 05 j 05:10	12°♌49'44	46°06'54
	-10861 Dec 22 j 02:59	0°♍	
	-10860 Jan 18 j 15:57	0°♎	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

desc. node	-10860 Feb 08 j 23:39	24°♎14'11	
	-10860 Feb 13 j 23:21	0°♏	
	-10860 Mar 10 j 11:45	0°♐	
	-10860 Apr 04 j 09:09	0°♑	
	-10860 Apr 28 j 18:40	0°♒	
	-10860 May 22 j 19:34	0°♓	
morning set	-10860 May 29 j 00:25	7°♓47'44	
asc. node	-10860 May 30 j 06:58	9°♓23'48	
	-10860 Jun 15 j 15:02	0°♈	
superior conj	-10860 Jul 06 j 16:51	26°♈39'34	1°12'13
minimum elong	-10860 Jul 06 j 07:45	26°♈10'49	1°12'13
max. Earth dist.	-10860 Jul 07 j 16:40	27°♈54'56	1.70727 AU
	-10860 Jul 09 j 08:13	0°♉	
	-10860 Aug 02 j 02:09	0°♊	
evening rise	-10860 Aug 17 j 04:23	18°♊59'05	
	-10860 Aug 25 j 23:18	0°♋	
	-10860 Sep 19 j 01:11	0°♌	
desc. node	-10860 Sep 20 j 09:44	1°♌40'55	
	-10860 Oct 13 j 08:20	0°♍	
	-10860 Nov 06 j 21:24	0°♎	
	-10860 Dec 01 j 19:06	0°♏	
	-10860 Dec 27 j 08:27	0°♐	
asc. node	-10859 Jan 09 j 22:49	15°♐26'32	
	-10859 Jan 23 j 05:07	0°♑	
evening max el	-10859 Feb 16 j 11:42	24°♑39'55	45°05'51
	-10859 Feb 22 j 06:43	0°♒	
greatest brilliancy	-10859 Mar 26 j 21:40	21°♒52'07	-4.7m
retrograde	-10859 Apr 05 j 18:50	23°♒35'38	
evening set	-10859 Apr 20 j 15:12	19°♒31'19	
inferior conj	-10859 Apr 26 j 20:46	15°♒59'07	1°32'15
minimum elong	-10859 Apr 27 j 00:11	15°♒54'02	1°30'48
min. Earth dist.	-10859 Apr 27 j 19:44	15°♒24'53	0.27411 AU
morning rise	-10859 May 03 j 07:57	12°♒16'39	
desc. node	-10859 May 03 j 08:33	12°♒15'53	
direct	-10859 May 18 j 02:40	8°♒07'43	
greatest brilliancy	-10859 May 29 j 19:41	10°♒35'57	-4.9m
	-10859 Jun 26 j 11:54	0°♓	
morning max el	-10859 Jul 07 j 12:33	10°♓38'53	46°41'22
	-10859 Jul 25 j 15:38	0°♈	
	-10859 Aug 20 j 14:21	0°♉	
asc. node	-10859 Aug 22 j 20:48	2°♉42'02	
	-10859 Sep 14 j 11:24	0°♊	
	-10859 Oct 09 j 00:22	0°♋	
	-10859 Nov 02 j 13:15	0°♌	
	-10859 Nov 27 j 04:33	0°♍	
desc. node	-10859 Dec 13 j 23:00	20°♍22'26	
	-10859 Dec 21 j 21:11	0°♎	
morning set	-10858 Jan 12 j 05:13	25°♎58'00	
	-10858 Jan 15 j 12:34	0°♏	
	-10858 Feb 09 j 00:42	0°♐	
max. Earth dist.	-10858 Feb 13 j 14:29	5°♐37'17	1.73616 AU
superior conj	-10858 Feb 17 j 08:27	10°♐13'57	-1°18'03
minimum elong	-10858 Feb 17 j 12:18	10°♐25'47	1°18'33
	-10858 Mar 05 j 09:14	0°♑	
evening rise	-10858 Mar 24 j 10:16	23°♑33'16	
	-10858 Mar 29 j 15:10	0°♒	
asc. node	-10858 Apr 04 j 06:56	7°♒00'40	
	-10858 Apr 22 j 19:55	0°♓	
	-10858 May 17 j 00:51	0°♈	
	-10858 Jun 10 j 07:32	0°♉	
	-10858 Jul 04 j 18:31	0°♊	
desc. node	-10858 Jul 26 j 13:06	26°♊21'14	
	-10858 Jul 29 j 14:10	0°♋	
	-10858 Aug 24 j 02:53	0°♌	
	-10858 Sep 20 j 06:42	0°♍	
evening max el	-10858 Sep 25 j 01:04	4°♍54'33	46°43'05
	-10858 Oct 23 j 20:02	0°♎	
greatest brilliancy	-10858 Nov 03 j 09:26	5°♎43'35	-4.8m
retrograde	-10858 Nov 14 j 11:46	8°♎04'21	
asc. node	-10858 Nov 15 j 04:33	8°♎03'44	
evening set	-10858 Nov 29 j 19:47	3°♎19'37	
min. Earth dist.	-10858 Dec 05 j 05:09	29°♍58'51	0.28991 AU
	-10858 Dec 05 j 04:26	30°℞♍	
inferior conj	-10858 Dec 05 j 18:01	29°♍38'02	4°29'21
minimum elong	-10858 Dec 05 j 10:10	29°♍50'44	4°27'33
morning rise	-10858 Dec 11 j 01:01	26°♍18'50	
direct	-10858 Dec 27 j 03:39	21°♍13'15	
greatest brilliancy	-10857 Jan 05 j 04:42	22°♍42'42	-4.7m
	-10857 Jan 19 j 16:08	0°♎	
morning max el	-10857 Feb 13 j 20:38	20°♎43'59	45°59'08
	-10857 Feb 23 j 08:38	0°♏	
desc. node	-10857 Mar 08 j 12:07	13°♏35'50	
	-10857 Mar 23 j 13:31	0°♐	
	-10857 Apr 18 j 17:48	0°♑	
	-10857 May 13 j 19:32	0°♒	
	-10857 Jun 07 j 04:37	0°♓	
asc. node	-10857 Jun 27 j 20:32	25°♓51'24	
	-10857 Jul 01 j 03:32	0°♈	
	-10857 Jul 24 j 21:26	0°♉	
morning set	-10857 Aug 12 j 17:39	23°♉50'12	
	-10857 Aug 17 j 14:43	0°♊	
	-10857 Sep 10 j 10:44	0°♋	
superior conj	-10857 Sep 24 j 01:35	17°♋02'21	0°52'14
minimum elong	-10857 Sep 24 j 13:12	17°♋38'34	0°52'23
max. Earth dist.	-10857 Oct 01 j 01:18	25°♋44'57	1.71846 AU
	-10857 Oct 04 j 11:19	0°♌	
desc. node	-10857 Oct 18 j 22:25	17°♌56'26	
	-10857 Oct 28 j 16:32	0°♍	
evening rise	-10857 Nov 05 j 15:34	9°♍48'52	
	-10857 Nov 22 j 01:24	0°♎	
	-10857 Dec 16 j 13:17	0°♏	
	-10856 Jan 10 j 05:17	0°♐	
	-10856 Feb 04 j 04:40	0°♑	
asc. node	-10856 Feb 07 j 09:30	3°♑48'24	
	-10856 Feb 29 j 16:30	0°♒	
	-10856 Mar 27 j 00:41	0°♓	
	-10856 Apr 24 j 01:09	0°♈	
evening max el	-10856 Apr 30 j 20:53	6°♈47'48	46°42'42
	-10856 May 28 j 05:44	0°♉	
desc. node	-10856 May 30 j 18:52	1°♉37'52	
greatest brilliancy	-10856 Jun 10 j 14:57	6°♉54'20	-4.9m
retrograde	-10856 Jun 20 j 03:29	8°♉35'42	
evening set	-10856 Jul 06 j 19:13	3°♉18'42	
inferior conj	-10856 Jul 10 j 20:43	0°♉54'57	-8°07'00
minimum elong	-10856 Jul 10 j 13:00	1°♉06'31	8°05'47
min. Earth dist.	-10856 Jul 10 j 06:29	1°♉16'18	0.26482 AU
	-10856 Jul 12 j 09:28	30°℞♈	
morning rise	-10856 Jul 14 j 06:52	28°♈53'31	
direct	-10856 Jul 31 j 02:45	23°♈25'49	
greatest brilliancy	-10856 Aug 10 j 07:44	25°♈25'08	-4.9m
	-10856 Aug 19 j 11:05	0°♉	
asc. node	-10856 Sep 19 j 08:53	26°♉28'17	
morning max el	-10856 Sep 19 j 15:57	26°♉46'17	46°33'36
	-10856 Sep 22 j 19:20	0°♊	
	-10856 Oct 20 j 04:14	0°♋	
	-10856 Nov 15 j 03:12	0°♌	
	-10856 Dec 10 j 15:39	0°♍	
	-10855 Jan 04 j 23:03	0°♎	
desc. node	-10855 Jan 10 j 12:34	6°♎37'46	
	-10855 Jan 30 j 00:55	0°♏	
	-10855 Feb 23 j 19:40	0°♐	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning set	-10855 Mar 20 j 03:15	29°♐48'46	
	-10855 Mar 20 j 06:53	0°♑	
	-10855 Apr 13 j 11:40	0°♒	
max. Earth dist.	-10855 Apr 20 j 03:48	8°♒18'57	1.72189 AU
superior conj	-10855 Apr 24 j 09:53	13°♒37'37	-0°17'07
minimum elong	-10855 Apr 24 j 13:15	13°♒48'07	0°17'25
asc. node	-10855 May 01 j 19:47	22°♒53'49	
	-10855 May 07 j 11:53	0°♓	
evening rise	-10855 May 30 j 23:42	29°♓28'58	
	-10855 May 31 j 09:35	0°♈	
	-10855 Jun 24 j 06:46	0°♉	
	-10855 Jul 18 j 05:37	0°♊	
	-10855 Aug 11 j 08:28	0°♋	
desc. node	-10855 Aug 23 j 00:09	14°♋23'00	
	-10855 Sep 04 j 17:42	0°♌	
	-10855 Sep 29 j 12:31	0°♍	
	-10855 Oct 24 j 23:48	0°♎	
	-10855 Nov 20 j 22:59	0°♏	
evening max el	-10855 Dec 04 j 15:46	13°♏58'15	45°08'07
asc. node	-10855 Dec 12 j 14:48	21°♏26'49	
	-10855 Dec 22 j 17:48	0°♐	
greatest brilliancy	-10854 Jan 11 j 00:14	11°♐34'36	-4.7m
retrograde	-10854 Jan 21 j 22:30	13°♐42'43	
evening set	-10854 Feb 08 j 12:40	7°♐53'44	
inferior conj	-10854 Feb 12 j 08:42	5°♐31'45	8°01'18
minimum elong	-10854 Feb 12 j 10:59	5°♐28'09	8°00'42
min. Earth dist.	-10854 Feb 13 j 03:55	5°♐01'34	0.29451 AU
morning rise	-10854 Feb 16 j 09:07	3°♐02'34	
	-10854 Feb 22 j 00:22	30°♑℞	
direct	-10854 Mar 06 j 10:09	27°♏01'27	
greatest brilliancy	-10854 Mar 17 j 00:15	29°♏01'44	-4.7m
	-10854 Mar 19 j 11:03	0°♐	
desc. node	-10854 Apr 04 j 23:48	10°♐06'34	
morning max el	-10854 Apr 24 j 23:01	27°♐38'57	46°18'03
	-10854 Apr 27 j 08:31	0°♑	
	-10854 May 25 j 10:49	0°♒	
	-10854 Jun 20 j 04:14	0°♓	
	-10854 Jul 14 j 19:44	0°♈	
asc. node	-10854 Jul 25 j 10:01	13°♈07'47	
	-10854 Aug 07 j 22:31	0°♉	
	-10854 Aug 31 j 20:40	0°♊	
	-10854 Sep 24 j 19:49	0°♋	
	-10854 Oct 18 j 23:01	0°♌	
morning set	-10854 Oct 29 j 11:51	13°♌01'12	
	-10854 Nov 12 j 06:39	0°♍	
desc. node	-10854 Nov 15 j 11:30	3°♍56'16	
	-10854 Dec 06 j 17:04	0°♎	
superior conj	-10854 Dec 09 j 01:04	2°♎51'45	-0°49'21
minimum elong	-10854 Dec 08 j 16:06	2°♎24'15	0°49'00
max. Earth dist.	-10854 Dec 09 j 19:59	3°♎49'46	1.73549 AU
	-10854 Dec 31 j 04:08	0°♏	
evening rise	-10853 Jan 15 j 06:55	18°♏32'47	
	-10853 Jan 24 j 14:57	0°♐	
greatest brilliancy	-10853 Jan 30 j 07:49	6°♐59'41	-3.9m
	-10853 Feb 18 j 02:17	0°♑	
asc. node	-10853 Mar 06 j 21:00	20°♑30'27	
	-10853 Mar 14 j 15:53	0°♒	
	-10853 Apr 08 j 09:34	0°♓	
	-10853 May 03 j 09:14	0°♈	
	-10853 May 28 j 19:02	0°♉	
	-10853 Jun 24 j 02:23	0°♊	
desc. node	-10853 Jun 28 j 04:57	4°♊31'00	
evening max el	-10853 Jul 14 j 00:56	21°♊15'53	47°52'32
	-10853 Jul 22 j 22:00	0°♋	
greatest brilliancy	-10853 Aug 24 j 13:02	23°♋22'28	-4.9m
retrograde	-10853 Sep 03 j 05:24	25°♋10'59	
evening set	-10853 Sep 19 j 05:28	19°♋59'43	
min. Earth dist.	-10853 Sep 23 j 11:54	17°♋20'34	0.27261 AU
inferior conj	-10853 Sep 24 j 00:18	17°♋00'49	-5°25'16
minimum elong	-10853 Sep 24 j 09:40	16°♋45'54	5°22'23
morning rise	-10853 Sep 29 j 14:30	13°♋36'04	
direct	-10853 Oct 14 j 10:25	9°♋09'03	
asc. node	-10853 Oct 17 j 20:04	9°♋23'00	
greatest brilliancy	-10853 Oct 23 j 18:27	10°♋49'25	-4.8m
	-10853 Nov 21 j 12:30	0°♌	
morning max el	-10853 Dec 02 j 19:04	10°♌31'03	46°07'29
	-10853 Dec 21 j 20:53	0°♍	
	-10852 Jan 18 j 06:19	0°♎	
desc. node	-10852 Feb 08 j 01:50	23°♎43'00	
	-10852 Feb 13 j 12:06	0°♏	
	-10852 Mar 09 j 23:37	0°♐	
	-10852 Apr 03 j 20:32	0°♑	
	-10852 Apr 28 j 05:49	0°♒	
	-10852 May 22 j 06:37	0°♓	
morning set	-10852 May 26 j 16:04	5°♓31'15	
asc. node	-10852 May 29 j 09:01	8°♓55'30	
	-10852 Jun 15 j 02:05	0°♈	
superior conj	-10852 Jul 04 j 04:57	24°♈10'56	1°10'18
minimum elong	-10852 Jul 03 j 19:31	23°♈41'03	1°10'15
max. Earth dist.	-10852 Jul 04 j 17:30	24°♈50'37	1.70743 AU
	-10852 Jul 08 j 19:20	0°♉	
	-10852 Aug 01 j 13:20	0°♊	
evening rise	-10852 Aug 14 j 12:06	16°♊17'24	
	-10852 Aug 25 j 10:34	0°♋	
	-10852 Sep 18 j 12:30	0°♌	
desc. node	-10852 Sep 19 j 12:01	1°♌12'54	
	-10852 Oct 12 j 19:47	0°♍	
	-10852 Nov 06 j 09:09	0°♎	
	-10852 Dec 01 j 07:28	0°♏	
	-10852 Dec 26 j 22:10	0°♐	
asc. node	-10851 Jan 09 j 01:02	14°♐51'06	
	-10851 Jan 22 j 21:57	0°♑	
evening max el	-10851 Feb 14 j 00:54	22°♑22'28	45°03'57
	-10851 Feb 22 j 10:05	0°♒	
greatest brilliancy	-10851 Mar 24 j 10:19	19°♒33'49	-4.7m
retrograde	-10851 Apr 03 j 07:52	21°♒17'59	
evening set	-10851 Apr 18 j 06:04	17°♒10'41	
inferior conj	-10851 Apr 24 j 10:12	13°♒40'28	1°53'27
minimum elong	-10851 Apr 24 j 14:21	13°♒34'16	1°51'46
min. Earth dist.	-10851 Apr 25 j 10:34	13°♒04'09	0.27486 AU
morning rise	-10851 Apr 30 j 21:24	9°♒57'54	
desc. node	-10851 May 02 j 10:39	9°♒10'41	
direct	-10851 May 15 j 16:42	5°♒47'16	
greatest brilliancy	-10851 May 27 j 11:25	8°♒17'06	-4.8m
	-10851 Jun 26 j 15:32	0°♓	
morning max el	-10851 Jul 05 j 02:32	8°♓15'21	46°41'02
	-10851 Jul 25 j 09:15	0°♈	
	-10851 Aug 20 j 04:56	0°♉	
asc. node	-10851 Aug 21 j 23:05	2°♉05'47	
	-10851 Sep 14 j 00:34	0°♊	
	-10851 Oct 08 j 12:43	0°♋	
	-10851 Nov 02 j 01:01	0°♌	
	-10851 Nov 26 j 15:54	0°♍	
desc. node	-10851 Dec 13 j 01:08	19°♍55'02	
	-10851 Dec 21 j 08:14	0°♎	
morning set	-10850 Jan 09 j 22:19	23°♎50'34	
	-10850 Jan 14 j 23:25	0°♏	
	-10850 Feb 08 j 11:29	0°♐	
max. Earth dist.	-10850 Feb 11 j 12:08	3°♐43'12	1.73648 AU
superior conj	-10850 Feb 15 j 04:05	8°♐13'38	-1°18'44

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

minimum elong	-10850 Feb 15 j 07:27	8♐23'57	1°19'16	
	-10850 Mar 04 j 20:02	0♑		
evening rise	-10850 Mar 22 j 05:57	21♑31'57		
	-10850 Mar 29 j 02:06	0♒		
asc. node	-10850 Apr 03 j 09:07	6♒33'23		
	-10850 Apr 22 j 07:06	0♓		
	-10850 May 16 j 12:24	0♈		
	-10850 Jun 09 j 19:35	0♉		
	-10850 Jul 04 j 07:13	0♊		
desc. node	-10850 Jul 25 j 15:22	25♊47'33		
	-10850 Jul 29 j 03:51	0♋		
	-10850 Aug 23 j 18:22	0♌		
	-10850 Sep 20 j 02:50	0♍		
evening max el	-10850 Sep 22 j 16:56	2♍39'00	46°46'58	
	-10850 Oct 25 j 00:25	0♎		
greatest brilliancy	-10850 Nov 01 j 03:04	3♎33'38	-4.8m	
retrograde	-10850 Nov 12 j 05:42	5♎54'57		
asc. node	-10850 Nov 14 j 06:43	5♎49'43		
evening set	-10850 Nov 27 j 11:36	1♎11'53		
	-10850 Nov 29 j 11:52	30℞♍		
inferior conj	-10850 Dec 03 j 11:12	27♍28'28	4°13'39	
minimum elong	-10850 Dec 03 j 03:37	27♍40'42	4°11'53	
min. Earth dist.	-10850 Dec 02 j 21:38	27♍50'23	0.28935 AU	
morning rise	-10850 Dec 08 j 20:11	24♍06'42		
direct	-10850 Dec 24 j 19:56	19♍04'24		
greatest brilliancy	-10849 Jan 02 j 20:34	20♍33'58	-4.7m	
	-10849 Jan 20 j 11:09	0♎		
morning max el	-10849 Feb 11 j 13:41	18♎38'07	45°58'52	
	-10849 Feb 23 j 03:40	0♏		
desc. node	-10849 Mar 07 j 14:24	12♏58'09		
	-10849 Mar 23 j 04:08	0♐		
	-10849 Apr 18 j 06:42	0♑		
	-10849 May 13 j 07:35	0♒		
	-10849 Jun 06 j 16:13	0♓		
asc. node	-10849 Jun 26 j 22:44	25♓22'27		
	-10849 Jun 30 j 14:54	0♈		
	-10849 Jul 24 j 08:42	0♉		
morning set	-10849 Aug 10 j 03:14	21♉13'23		
	-10849 Aug 17 j 01:56	0♊		
	-10849 Sep 09 j 21:55	0♋		
superior conj	-10849 Sep 21 j 09:48	14♋23'17	0°55'16	
minimum elong	-10849 Sep 21 j 21:39	15♋00'17	0°55'27	
max. Earth dist.	-10849 Sep 28 j 10:10	23♋08'23	1.71778 AU	
	-10849 Oct 03 j 22:27	0♌		
desc. node	-10849 Oct 18 j 00:26	17♌28'15		
	-10849 Oct 28 j 03:39	0♍		
evening rise	-10849 Nov 03 j 03:18	7♍23'00		
	-10849 Nov 21 j 12:31	0♎		
	-10849 Dec 16 j 00:29	0♏		
	-10848 Jan 09 j 16:48	0♐		
	-10848 Feb 03 j 16:52	0♑		
asc. node	-10848 Feb 06 j 11:52	3♑18'52		
	-10848 Feb 29 j 06:00	0♒		
	-10848 Mar 26 j 16:43	0♓		
	-10848 Apr 23 j 23:13	0♈		
evening max el	-10848 Apr 28 j 10:54	4♈25'58	46°38'45	
desc. node	-10848 May 29 j 21:06	0♉05'24		
	-10848 May 29 j 17:23	0♉		
greatest brilliancy	-10848 Jun 08 j 01:09	4♉22'02	-4.9m	
retrograde	-10848 Jun 17 j 15:35	6♉04'18		
evening set	-10848 Jul 04 j 02:33	0♉54'05		
	-10848 Jul 05 j 16:03	30℞♈		
inferior conj	-10848 Jul 08 j 08:17	28♈24'25	-7°56'34	
minimum elong	-10848 Jul 07 j 23:57	28♈36'54	7°55'12	
min. Earth dist.	-10848 Jul 07 j 18:05	28♈45'41	0.26473 AU	
morning rise	-10848 Jul 11 j 21:26	26♈18'54		
direct	-10848 Jul 28 j 15:27	20♈55'46		
greatest brilliancy	-10848 Aug 07 j 20:07	22♈55'02	-4.9m	
	-10848 Aug 20 j 18:39	0♉		
morning max el	-10848 Sep 17 j 05:05	24♉18'52	46°34'17	
asc. node	-10848 Sep 18 j 11:10	25♉35'47		
	-10848 Sep 22 j 16:49	0♊		
	-10848 Oct 19 j 20:17	0♋		
	-10848 Nov 14 j 17:02	0♌		
	-10848 Dec 10 j 04:17	0♍		
	-10847 Jan 04 j 10:55	0♎		
desc. node	-10847 Jan 09 j 14:45	6♎09'17		
	-10847 Jan 29 j 12:16	0♏		
	-10847 Feb 23 j 06:41	0♐		
morning set	-10847 Mar 17 j 22:54	27♐47'52		
	-10847 Mar 19 j 17:46	0♑		
	-10847 Apr 12 j 22:33	0♒		
max. Earth dist.	-10847 Apr 17 j 19:32	6♒04'21	1.72254 AU	
superior conj	-10847 Apr 22 j 04:23	11♒31'23	-0°20'06	
minimum elong	-10847 Apr 22 j 08:15	11♒43'29	0°20'24	
asc. node	-10847 Apr 30 j 21:53	22♒26'03		
	-10847 May 06 j 22:54	0♓		
evening rise	-10847 May 28 j 15:33	27♓12'54		
	-10847 May 30 j 20:46	0♈		
	-10847 Jun 23 j 18:10	0♉		
	-10847 Jul 17 j 17:15	0♊		
	-10847 Aug 10 j 20:23	0♋		
desc. node	-10847 Aug 22 j 02:25	13♋52'47		
	-10847 Sep 04 j 06:02	0♌		
	-10847 Sep 29 j 01:33	0♍		
	-10847 Oct 24 j 14:16	0♎		
	-10847 Nov 20 j 17:04	0♏		
evening max el	-10847 Dec 02 j 07:30	11♏46'30	45°10'13	
asc. node	-10847 Dec 11 j 17:08	20♏33'44		
	-10847 Dec 23 j 05:44	0♐		
greatest brilliancy	-10846 Jan 08 j 17:10	9♐28'45	-4.7m	
retrograde	-10846 Jan 19 j 15:00	11♐36'54		
evening set	-10846 Feb 06 j 05:53	5♐47'17		
inferior conj	-10846 Feb 10 j 01:47	3♐25'07	8°03'14	
minimum elong	-10846 Feb 10 j 03:24	3♐22'34	8°02'42	
min. Earth dist.	-10846 Feb 10 j 19:54	2♐56'35	0.29480 AU	
morning rise	-10846 Feb 14 j 00:44	0♐57'40		
	-10846 Feb 15 j 15:57	30℞♏		
direct	-10846 Mar 04 j 03:10	24♏54'23		
greatest brilliancy	-10846 Mar 14 j 15:22	26♏52'33	-4.7m	
	-10846 Mar 21 j 13:14	0♐		
desc. node	-10846 Apr 04 j 01:50	9♐02'18		
morning max el	-10846 Apr 22 j 13:59	25♐24'50	46°17'03	
	-10846 Apr 27 j 05:26	0♑		
	-10846 May 25 j 02:20	0♒		
	-10846 Jun 19 j 17:48	0♓		
	-10846 Jul 14 j 08:23	0♈		
asc. node	-10846 Jul 24 j 12:17	12♈36'18		
	-10846 Aug 07 j 10:38	0♉		
	-10846 Aug 31 j 08:29	0♊		
	-10846 Sep 24 j 07:23	0♋		
	-10846 Oct 18 j 10:24	0♌		
morning set	-10846 Oct 26 j 23:12	10♌33'13		
	-10846 Nov 11 j 17:52	0♍		
desc. node	-10846 Nov 14 j 13:38	3♍28'23		
	-10846 Dec 06 j 04:09	0♎		
superior conj	-10846 Dec 06 j 15:52	0♎35'57	-0°46'42	
minimum elong	-10846 Dec 06 j 07:04	0♎08'59	0°46'18	
max. Earth dist.	-10846 Dec 07 j 17:07	1♎53'23	1.73512 AU	
	-10846 Dec 30 j 15:09	0♏		
evening rise	-10845 Jan 13 j 01:21	16♏28'09		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10845 Jan 24 j 02:01	0°♐	
greatest brilliancy	-10845 Jan 29 j 18:13	6°♐57'32	-3.9m
	-10845 Feb 17 j 13:34	0°♑	
asc. node	-10845 Mar 05 j 23:14	20°♑02'07	
	-10845 Mar 14 j 03:35	0°♒	
	-10845 Apr 07 j 21:54	0°♓	
	-10845 May 02 j 22:34	0°♈	
	-10845 May 28 j 10:00	0°♉	
	-10845 Jun 23 j 20:36	0°♊	
desc. node	-10845 Jun 27 j 07:14	3°♊45'41	
evening max el	-10845 Jul 11 j 14:57	18°♊50'51	47°52'11
	-10845 Jul 23 j 02:02	0°♋	
greatest brilliancy	-10845 Aug 22 j 05:13	20°♋58'53	-4.9m
retrograde	-10845 Aug 31 j 19:07	22°♋45'27	
evening set	-10845 Sep 16 j 22:36	17°♋30'47	
min. Earth dist.	-10845 Sep 21 j 02:37	14°♋55'27	0.27216 AU
inferior conj	-10845 Sep 21 j 14:31	14°♋36'31	-5°42'48
minimum elong	-10845 Sep 22 j 00:06	14°♋21'17	5°39'57
morning rise	-10845 Sep 27 j 02:08	11°♋15'25	
direct	-10845 Oct 11 j 23:35	6°♋45'49	
asc. node	-10845 Oct 16 j 22:12	7°♋14'53	
greatest brilliancy	-10845 Oct 21 j 09:16	8°♋27'20	-4.8m
	-10845 Nov 21 j 17:02	0°♌	
morning max el	-10845 Nov 30 j 08:38	8°♌10'27	46°08'19
	-10845 Dec 21 j 14:36	0°♍	
	-10844 Jan 17 j 20:43	0°♎	
desc. node	-10844 Feb 07 j 04:01	23°♎11'30	
	-10844 Feb 13 j 00:56	0°♏	
	-10844 Mar 09 j 11:37	0°♐	
	-10844 Apr 03 j 08:04	0°♑	
	-10844 Apr 27 j 17:07	0°♒	
	-10844 May 21 j 17:49	0°♓	
morning set	-10844 May 24 j 08:20	3°♓16'17	
asc. node	-10844 May 28 j 11:16	8°♓27'20	
	-10844 Jun 14 j 13:18	0°♈	
superior conj	-10844 Jul 01 j 17:33	21°♈43'15	1°08'16
minimum elong	-10844 Jul 01 j 07:51	21°♈12'34	1°08'11
max. Earth dist.	-10844 Jul 01 j 23:11	22°♈01'05	1.70766 AU
	-10844 Jul 08 j 06:38	0°♉	
	-10844 Aug 01 j 00:45	0°♊	
evening rise	-10844 Aug 11 j 20:04	13°♊35'43	
	-10844 Aug 24 j 22:05	0°♋	
	-10844 Sep 18 j 00:08	0°♌	
desc. node	-10844 Sep 18 j 14:04	0°♌43'09	
	-10844 Oct 12 j 07:33	0°♍	
	-10844 Nov 05 j 21:13	0°♎	
	-10844 Nov 30 j 20:12	0°♏	
	-10844 Dec 26 j 12:17	0°♐	
asc. node	-10843 Jan 08 j 03:23	14°♐15'05	
	-10843 Jan 22 j 15:24	0°♑	
evening max el	-10843 Feb 11 j 14:49	20°♑06'15	45°02'16
	-10843 Feb 22 j 15:33	0°♒	
greatest brilliancy	-10843 Mar 21 j 22:41	17°♒15'10	-4.7m
retrograde	-10843 Mar 31 j 21:38	19°♒00'23	
evening set	-10843 Apr 15 j 21:18	14°♒49'59	
inferior conj	-10843 Apr 21 j 23:47	11°♒21'44	2°14'12
minimum elong	-10843 Apr 22 j 04:40	11°♒14'29	2°12'19
min. Earth dist.	-10843 Apr 23 j 01:11	10°♒43'56	0.27561 AU
morning rise	-10843 Apr 28 j 10:50	7°♒39'26	
desc. node	-10843 May 01 j 12:53	6°♒09'13	
direct	-10843 May 13 j 07:22	3°♒26'50	
greatest brilliancy	-10843 May 25 j 02:39	5°♒57'32	-4.8m
	-10843 Jun 26 j 17:50	0°♓	
morning max el	-10843 Jul 02 j 17:33	5°♓54'13	46°40'46
	-10843 Jul 25 j 02:42	0°♈	
	-10843 Aug 19 j 19:35	0°♉	
asc. node	-10843 Aug 21 j 01:17	1°♉28'54	
	-10843 Sep 13 j 13:55	0°♊	
	-10843 Oct 08 j 01:19	0°♋	
	-10843 Nov 01 j 13:07	0°♌	
	-10843 Nov 26 j 03:36	0°♍	
desc. node	-10843 Dec 12 j 03:21	19°♍26'46	
	-10843 Dec 20 j 19:38	0°♎	
morning set	-10842 Jan 07 j 15:02	21°♎40'59	
	-10842 Jan 14 j 10:36	0°♏	
	-10842 Feb 07 j 22:33	0°♐	
max. Earth dist.	-10842 Feb 09 j 11:25	1°♐53'15	1.73674 AU
superior conj	-10842 Feb 12 j 23:33	6°♐11'52	-1°19'21
minimum elong	-10842 Feb 13 j 02:24	6°♐20'37	1°19'51
	-10842 Mar 04 j 07:08	0°♑	
evening rise	-10842 Mar 20 j 01:45	19°♑30'07	
	-10842 Mar 28 j 13:20	0°♒	
asc. node	-10842 Apr 02 j 11:15	6°♒04'58	
	-10842 Apr 21 j 18:37	0°♓	
	-10842 May 16 j 00:18	0°♈	
	-10842 Jun 09 j 07:57	0°♉	
	-10842 Jul 03 j 20:14	0°♊	
desc. node	-10842 Jul 24 j 17:38	25°♊13'01	
	-10842 Jul 28 j 17:51	0°♋	
	-10842 Aug 23 j 10:19	0°♌	
	-10842 Sep 19 j 23:56	0°♍	
evening max el	-10842 Sep 20 j 09:39	0°♍24'43	46°50'37
	-10842 Oct 26 j 18:59	0°♎	
greatest brilliancy	-10842 Oct 29 j 20:36	1°♎22'14	-4.8m
retrograde	-10842 Nov 09 j 23:43	3°♎43'51	
asc. node	-10842 Nov 13 j 09:06	3°♎29'20	
	-10842 Nov 23 j 09:56	30°℞♍	
evening set	-10842 Nov 25 j 03:32	29°♍02'31	
min. Earth dist.	-10842 Nov 30 j 13:53	25°♍40'31	0.28880 AU
inferior conj	-10842 Dec 01 j 04:17	25°♍17'15	3°57'27
minimum elong	-10842 Nov 30 j 21:03	25°♍28'56	3°55'44
morning rise	-10842 Dec 06 j 15:14	21°♍52'57	
direct	-10842 Dec 22 j 12:37	16°♍54'06	
greatest brilliancy	-10842 Dec 31 j 11:59	18°♍23'13	-4.7m
	-10841 Jan 21 j 02:01	0°♎	
morning max el	-10841 Feb 09 j 06:50	16°♎31'21	45°58'38
	-10841 Feb 22 j 22:37	0°♏	
desc. node	-10841 Mar 06 j 16:27	12°♏19'09	
	-10841 Mar 22 j 18:56	0°♐	
	-10841 Apr 17 j 19:48	0°♑	
	-10841 May 12 j 19:51	0°♒	
	-10841 Jun 06 j 04:05	0°♓	
greatest brilliancy	-10841 Jun 16 j 19:38	13°♓17'49	-3.9m
asc. node	-10841 Jun 26 j 00:56	24°♓52'38	
	-10841 Jun 30 j 02:33	0°♈	
	-10841 Jul 23 j 20:15	0°♉	
morning set	-10841 Aug 07 j 13:23	18°♉37'22	
	-10841 Aug 16 j 13:25	0°♊	
	-10841 Sep 09 j 09:20	0°♋	
superior conj	-10841 Sep 18 j 18:24	11°♋44'31	0°58'10
minimum elong	-10841 Sep 19 j 06:22	12°♋21'56	0°58'22
max. Earth dist.	-10841 Sep 25 j 22:20	20°♋41'13	1.71710 AU
	-10841 Oct 03 j 09:50	0°♌	
desc. node	-10841 Oct 17 j 02:37	16°♌59'48	
	-10841 Oct 27 j 15:01	0°♍	
evening rise	-10841 Oct 31 j 15:02	4°♍56'14	
	-10841 Nov 20 j 23:55	0°♎	
	-10841 Dec 15 j 12:02	0°♏	
	-10840 Jan 09 j 04:41	0°♐	
	-10840 Feb 03 j 05:28	0°♑	
asc. node	-10840 Feb 05 j 14:06	2°♑47'51	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10840 Feb 28 j 19:56	0°♒	
	-10840 Mar 26 j 09:18	0°♓	
	-10840 Apr 23 j 22:27	0°♈	
evening max el	-10840 Apr 26 j 00:44	2°♈03'04	46°34'45
desc. node	-10840 May 28 j 23:25	28°♈28'55	
	-10840 May 31 j 23:27	0°♉	
greatest brilliancy	-10840 Jun 05 j 11:56	1°♉49'57	-4.9m
retrograde	-10840 Jun 15 j 03:14	3°♉32'18	
	-10840 Jun 28 j 13:50	30°℞♈	
evening set	-10840 Jul 01 j 09:58	28°♈29'05	
inferior conj	-10840 Jul 05 j 19:53	25°♈53'26	-7°45'14
minimum elong	-10840 Jul 05 j 11:00	26°♈06'45	7°43'42
min. Earth dist.	-10840 Jul 05 j 06:08	26°♈14'03	0.26467 AU
morning rise	-10840 Jul 09 j 12:09	23°♈43'31	
direct	-10840 Jul 26 j 03:56	18°♈25'14	
greatest brilliancy	-10840 Aug 05 j 08:54	20°♈24'32	-4.9m
	-10840 Aug 21 j 17:49	0°♉	
morning max el	-10840 Sep 14 j 17:18	21°♉48'18	46°35'07
asc. node	-10840 Sep 17 j 13:14	24°♉43'03	
	-10840 Sep 22 j 13:49	0°♊	
	-10840 Oct 19 j 12:17	0°♋	
	-10840 Nov 14 j 06:56	0°♌	
	-10840 Dec 09 j 17:02	0°♍	
	-10839 Jan 03 j 22:57	0°♎	
desc. node	-10839 Jan 08 j 16:52	5°♎40'02	
	-10839 Jan 28 j 23:49	0°♏	
	-10839 Feb 22 j 17:57	0°♐	
morning set	-10839 Mar 15 j 18:26	25°♐45'59	
	-10839 Mar 19 j 04:52	0°♑	
	-10839 Apr 12 j 09:38	0°♒	
max. Earth dist.	-10839 Apr 15 j 11:42	3°♒50'38	1.72317 AU
superior conj	-10839 Apr 19 j 22:56	9°♒24'55	-0°23'02
minimum elong	-10839 Apr 20 j 03:18	9°♒38'33	0°23'20
asc. node	-10839 Apr 30 j 00:09	21°♒58'17	
	-10839 May 06 j 10:04	0°♓	
evening rise	-10839 May 26 j 07:40	24°♓57'16	
	-10839 May 30 j 08:07	0°♈	
	-10839 Jun 23 j 05:44	0°♉	
	-10839 Jul 17 j 05:05	0°♊	
	-10839 Aug 10 j 08:32	0°♋	
desc. node	-10839 Aug 21 j 04:31	13°♋21'26	
	-10839 Sep 03 j 18:36	0°♌	
	-10839 Sep 28 j 14:48	0°♍	
	-10839 Oct 24 j 04:59	0°♎	
	-10839 Nov 20 j 11:42	0°♏	
evening max el	-10839 Nov 29 j 22:26	9°♏32'27	45°12'22
asc. node	-10839 Dec 10 j 19:25	19°♏39'08	
	-10839 Dec 23 j 21:56	0°♐	
greatest brilliancy	-10838 Jan 06 j 09:56	7°♐22'22	-4.7m
retrograde	-10838 Jan 17 j 07:34	9°♐31'01	
evening set	-10838 Feb 03 j 22:54	3°♐40'53	
inferior conj	-10838 Feb 07 j 18:57	1°♐18'18	8°04'34
minimum elong	-10838 Feb 07 j 19:53	1°♐16'50	8°04'04
min. Earth dist.	-10838 Feb 08 j 12:09	0°♐51'09	0.29510 AU
	-10838 Feb 09 j 20:43	30°℞♏	
morning rise	-10838 Feb 11 j 16:40	28°♏52'22	
direct	-10838 Mar 01 j 19:48	22°♏46'58	
greatest brilliancy	-10838 Mar 12 j 07:12	24°♏43'52	-4.7m
	-10838 Mar 22 j 22:54	0°♐	
desc. node	-10838 Apr 03 j 04:05	7°♐59'34	
morning max el	-10838 Apr 20 j 05:02	23°♐10'30	46°16'09
	-10838 Apr 27 j 01:54	0°♑	
	-10838 May 24 j 17:47	0°♒	
	-10838 Jun 19 j 07:22	0°♓	
	-10838 Jul 13 j 21:02	0°♈	
asc. node	-10838 Jul 23 j 14:25	12°♈04'22	
	-10838 Aug 06 j 22:46	0°♉	
	-10838 Aug 30 j 20:19	0°♊	
	-10838 Sep 23 j 19:01	0°♋	
	-10838 Oct 17 j 21:51	0°♌	
morning set	-10838 Oct 24 j 10:24	8°♌04'24	
	-10838 Nov 11 j 05:08	0°♍	
desc. node	-10838 Nov 13 j 15:53	3°♍00'42	
superior conj	-10838 Dec 04 j 06:38	28°♍19'57	-0°43'57
minimum elong	-10838 Dec 03 j 22:04	27°♍53'41	0°43'32
max. Earth dist.	-10838 Dec 05 j 12:50	29°♍52'35	1.73470 AU
	-10838 Dec 05 j 15:15	0°♎	
	-10838 Dec 30 j 02:11	0°♏	
evening rise	-10837 Jan 10 j 19:49	14°♏23'39	
	-10837 Jan 23 j 13:07	0°♐	
greatest brilliancy	-10837 Jan 29 j 07:36	7°♐04'27	-3.9m
	-10837 Feb 17 j 00:54	0°♑	
asc. node	-10837 Mar 05 j 01:22	19°♑33'21	
	-10837 Mar 13 j 15:21	0°♒	
	-10837 Apr 07 j 10:21	0°♓	
	-10837 May 02 j 12:03	0°♈	
	-10837 May 28 j 01:11	0°♉	
	-10837 Jun 23 j 15:12	0°♊	
desc. node	-10837 Jun 26 j 09:27	2°♊59'41	
evening max el	-10837 Jul 09 j 04:13	16°♊24'11	47°51'50
	-10837 Jul 23 j 07:48	0°♋	
greatest brilliancy	-10837 Aug 19 j 21:07	18°♋35'01	-4.9m
retrograde	-10837 Aug 29 j 09:00	20°♋20'12	
evening set	-10837 Sep 14 j 15:44	15°♋01'35	
min. Earth dist.	-10837 Sep 18 j 17:14	12°♋30'26	0.27176 AU
inferior conj	-10837 Sep 19 j 04:43	12°♋12'12	-5°59'52
minimum elong	-10837 Sep 19 j 14:27	11°♋56'46	5°57'02
morning rise	-10837 Sep 24 j 13:35	8°♋55'13	
direct	-10837 Oct 09 j 12:38	4°♋22'19	
asc. node	-10837 Oct 16 j 00:38	5°♋11'58	
greatest brilliancy	-10837 Oct 19 j 00:10	6°♋05'20	-4.8m
	-10837 Nov 21 j 19:51	0°♌	
morning max el	-10837 Nov 27 j 22:55	5°♌51'31	46°09'14
	-10837 Dec 21 j 07:53	0°♍	
	-10836 Jan 17 j 10:52	0°♎	
desc. node	-10836 Feb 06 j 06:06	22°♎40'05	
	-10836 Feb 12 j 13:35	0°♏	
	-10836 Mar 08 j 23:28	0°♐	
	-10836 Apr 02 j 19:29	0°♑	
	-10836 Apr 27 j 04:20	0°♒	
	-10836 May 21 j 04:58	0°♓	
morning set	-10836 May 22 j 00:40	1°♓01'48	
asc. node	-10836 May 27 j 13:30	7°♓59'16	
	-10836 Jun 14 j 00:28	0°♈	
superior conj	-10836 Jun 29 j 06:07	19°♈15'44	1°06'07
minimum elong	-10836 Jun 28 j 20:16	18°♈44'34	1°05'59
max. Earth dist.	-10836 Jun 29 j 07:14	19°♈19'14	1.70789 AU
	-10836 Jul 07 j 17:51	0°♉	
	-10836 Jul 31 j 12:03	0°♊	
evening rise	-10836 Aug 09 j 04:05	10°♊54'32	
	-10836 Aug 24 j 09:30	0°♋	
	-10836 Sep 17 j 11:39	0°♌	
desc. node	-10836 Sep 17 j 16:16	0°♌14'19	
	-10836 Oct 11 j 19:14	0°♍	
	-10836 Nov 05 j 09:14	0°♎	
	-10836 Nov 30 j 08:52	0°♏	
	-10836 Dec 26 j 02:23	0°♐	
asc. node	-10835 Jan 07 j 05:40	13°♐39'01	
	-10835 Jan 22 j 09:01	0°♑	
evening max el	-10835 Feb 09 j 05:37	17°♑52'55	45°00'44
	-10835 Feb 22 j 22:50	0°♒	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

greatest brilliancy	-10835 Mar 19 j 10:54	14°♒57'31	-4.7m
retrograde	-10835 Mar 29 j 11:32	16°♒43'45	
evening set	-10835 Apr 13 j 12:48	12°♒30'21	
inferior conj	-10835 Apr 19 j 13:29	9°♒03'59	2°34'32
minimum elong	-10835 Apr 19 j 19:00	8°♒55'44	2°32'29
min. Earth dist.	-10835 Apr 20 j 15:31	8°♒25'10	0.27638 AU
morning rise	-10835 Apr 26 j 00:08	5°♒22'08	
desc. node	-10835 Apr 30 j 15:12	3°♒12'52	
direct	-10835 May 10 j 22:36	1°♒07'32	
greatest brilliancy	-10835 May 22 j 17:17	3°♒38'05	-4.8m
	-10835 Jun 26 j 18:41	0°♓	
morning max el	-10835 Jun 30 j 08:58	3°♓34'37	46°40'16
	-10835 Jul 24 j 19:43	0°♈	
	-10835 Aug 19 j 09:57	0°♉	
asc. node	-10835 Aug 20 j 03:27	0°♉52'29	
	-10835 Sep 13 j 03:01	0°♊	
	-10835 Oct 07 j 13:40	0°♋	
	-10835 Nov 01 j 00:56	0°♌	
	-10835 Nov 25 j 15:03	0°♍	
desc. node	-10835 Dec 11 j 05:24	18°♍58'44	
	-10835 Dec 20 j 06:48	0°♎	
morning set	-10834 Jan 05 j 07:42	19°♎31'51	
	-10834 Jan 13 j 21:34	0°♏	
	-10834 Feb 07 j 09:24	0°♐	
max. Earth dist.	-10834 Feb 07 j 10:47	0°♐04'13	1.73695 AU
superior conj	-10834 Feb 10 j 19:04	4°♐10'56	-1°19'51
minimum elong	-10834 Feb 10 j 21:22	4°♐18'02	1°20'20
	-10834 Mar 03 j 17:58	0°♑	
evening rise	-10834 Mar 17 j 21:41	17°♑29'36	
	-10834 Mar 28 j 00:19	0°♒	
asc. node	-10834 Apr 01 j 13:36	5°♒38'10	
	-10834 Apr 21 j 05:52	0°♓	
	-10834 May 15 j 11:57	0°♈	
	-10834 Jun 08 j 20:09	0°♉	
	-10834 Jul 03 j 09:07	0°♊	
desc. node	-10834 Jul 23 j 19:45	24°♊38'24	
	-10834 Jul 28 j 07:48	0°♋	
	-10834 Aug 23 j 02:19	0°♌	
evening max el	-10834 Sep 18 j 02:35	28°♌11'23	46°54'19
	-10834 Sep 19 j 21:34	0°♍	
greatest brilliancy	-10834 Oct 27 j 14:34	29°♍11'46	-4.8m
	-10834 Oct 29 j 19:04	0°♎	
retrograde	-10834 Nov 07 j 17:32	1°♎32'50	
asc. node	-10834 Nov 12 j 11:22	1°♎04'21	
	-10834 Nov 16 j 06:49	30°℞♍	
evening set	-10834 Nov 22 j 19:33	26°♍53'24	
inferior conj	-10834 Nov 28 j 21:16	23°♍06'19	3°40'48
minimum elong	-10834 Nov 28 j 14:25	23°♍17'23	3°39'10
min. Earth dist.	-10834 Nov 28 j 06:07	23°♍30'49	0.28821 AU
morning rise	-10834 Dec 04 j 10:05	19°♍39'26	
direct	-10834 Dec 20 j 05:20	14°♍44'18	
greatest brilliancy	-10834 Dec 29 j 03:08	16°♍12'33	-4.7m
	-10833 Jan 21 j 12:51	0°♎	
morning max el	-10833 Feb 06 j 23:28	14°♎24'05	45°58'25
	-10833 Feb 22 j 16:49	0°♏	
desc. node	-10833 Mar 05 j 18:40	11°♏41'44	
	-10833 Mar 22 j 09:16	0°♐	
	-10833 Apr 17 j 08:30	0°♑	
	-10833 May 12 j 07:46	0°♒	
	-10833 Jun 05 j 15:35	0°♓	
greatest brilliancy	-10833 Jun 20 j 04:19	18°♓10'22	-3.9m
asc. node	-10833 Jun 25 j 03:04	24°♓23'38	
	-10833 Jun 29 j 13:53	0°♈	
	-10833 Jul 23 j 07:31	0°♉	
morning set	-10833 Aug 04 j 23:21	16°♉01'36	
	-10833 Aug 16 j 00:38	0°♊	
	-10833 Sep 08 j 20:31	0°♋	
superior conj	-10833 Sep 16 j 02:33	9°♋04'55	1°00'58
minimum elong	-10833 Sep 16 j 14:30	9°♋42'18	1°01'11
max. Earth dist.	-10833 Sep 23 j 10:32	18°♋14'42	1.71641 AU
	-10833 Oct 02 j 20:59	0°♌	
desc. node	-10833 Oct 16 j 04:52	16°♌32'17	
	-10833 Oct 27 j 02:08	0°♍	
evening rise	-10833 Oct 29 j 02:01	2°♍27'45	
	-10833 Nov 20 j 11:04	0°♎	
	-10833 Dec 14 j 23:20	0°♏	
	-10832 Jan 08 j 16:21	0°♐	
	-10832 Feb 02 j 17:51	0°♑	
asc. node	-10832 Feb 04 j 16:18	2°♑17'26	
	-10832 Feb 28 j 09:44	0°♒	
	-10832 Mar 26 j 01:52	0°♓	
evening max el	-10832 Apr 23 j 13:54	29°♓39'48	46°30'49
	-10832 Apr 23 j 22:14	0°♈	
desc. node	-10832 May 28 j 01:35	26°♈49'57	
greatest brilliancy	-10832 Jun 02 j 23:23	29°♈20'16	-4.9m
	-10832 Jun 05 j 03:33	0°♉	
retrograde	-10832 Jun 12 j 14:30	1°♉02'07	
	-10832 Jun 19 j 19:41	30°℞♈	
evening set	-10832 Jun 28 j 17:33	26°♈05'50	
inferior conj	-10832 Jul 03 j 07:40	23°♈24'23	-7°32'58
minimum elong	-10832 Jul 02 j 22:20	23°♈38'23	7°31'16
min. Earth dist.	-10832 Jul 02 j 18:45	23°♈43'45	0.26463 AU
morning rise	-10832 Jul 07 j 03:10	21°♈09'46	
direct	-10832 Jul 23 j 15:56	15°♈56'23	
greatest brilliancy	-10832 Aug 02 j 22:25	17°♈56'20	-4.9m
	-10832 Aug 22 j 10:28	0°♉	
morning max el	-10832 Sep 12 j 04:51	19°♉16'44	46°35'44
asc. node	-10832 Sep 16 j 15:39	23°♉52'58	
	-10832 Sep 22 j 09:50	0°♊	
	-10832 Oct 19 j 03:49	0°♋	
	-10832 Nov 13 j 20:31	0°♌	
	-10832 Dec 09 j 05:30	0°♍	
	-10831 Jan 03 j 10:42	0°♎	
desc. node	-10831 Jan 07 j 18:59	5°♎11'29	
	-10831 Jan 28 j 11:06	0°♏	
	-10831 Feb 22 j 04:56	0°♐	
morning set	-10831 Mar 13 j 13:51	23°♐44'28	
	-10831 Mar 18 j 15:44	0°♑	
	-10831 Apr 11 j 20:30	0°♒	
max. Earth dist.	-10831 Apr 13 j 04:45	1°♒40'25	1.72379 AU
superior conj	-10831 Apr 17 j 17:39	7°♒19'41	-0°25'56
minimum elong	-10831 Apr 17 j 22:29	7°♒34'47	0°26'14
asc. node	-10831 Apr 29 j 02:22	21°♒31'05	
	-10831 May 05 j 21:02	0°♓	
evening rise	-10831 May 24 j 00:10	22°♓43'47	
	-10831 May 29 j 19:13	0°♈	
	-10831 Jun 22 j 17:01	0°♉	
	-10831 Jul 16 j 16:36	0°♊	
	-10831 Aug 09 j 20:22	0°♋	
desc. node	-10831 Aug 20 j 06:47	12°♋51'30	
	-10831 Sep 03 j 06:55	0°♌	
	-10831 Sep 28 j 03:54	0°♍	
	-10831 Oct 23 j 19:40	0°♎	
	-10831 Nov 20 j 06:39	0°♏	
evening max el	-10831 Nov 27 j 13:05	7°♏18'04	45°14'45
asc. node	-10831 Dec 09 j 21:41	18°♏43'42	
	-10831 Dec 24 j 19:39	0°♐	
greatest brilliancy	-10830 Jan 04 j 02:13	5°♐15'43	-4.7m
retrograde	-10830 Jan 15 j 00:27	7°♐25'39	
evening set	-10830 Feb 01 j 15:38	1°♐35'04	
	-10830 Feb 04 j 05:31	30°℞♏	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

inferior conj	-10830 Feb 05 j 12:06	29°♏11'52	8°05'13	
minimum elong	-10830 Feb 05 j 12:21	29°♏11'27	8°04'43	
min. Earth dist.	-10830 Feb 06 j 04:20	28°♏46'13	0.29538 AU	
morning rise	-10830 Feb 09 j 08:52	26°♏47'12		
direct	-10830 Feb 27 j 12:12	20°♏39'50		
greatest brilliancy	-10830 Mar 09 j 23:10	22°♏35'58	-4.7m	
	-10830 Mar 23 j 22:47	0°♐		
desc. node	-10830 Apr 02 j 06:24	6°♐58'58		
morning max el	-10830 Apr 17 j 20:50	20°♐58'43	46°15'18	
	-10830 Apr 26 j 21:33	0°♑		
	-10830 May 24 j 08:51	0°♒		
	-10830 Jun 18 j 20:39	0°♓		
	-10830 Jul 13 j 09:25	0°♈		
asc. node	-10830 Jul 22 j 16:36	11°♈33'16		
	-10830 Aug 06 j 10:38	0°♉		
	-10830 Aug 30 j 07:52	0°♊		
	-10830 Sep 23 j 06:23	0°♋		
	-10830 Oct 17 j 09:04	0°♌		
morning set	-10830 Oct 21 j 21:35	5°♌36'00		
	-10830 Nov 10 j 16:12	0°♍		
desc. node	-10830 Nov 12 j 17:54	2°♍32'54		
superior conj	-10830 Dec 01 j 21:06	26°♍03'29	-0°41'06	
minimum elong	-10830 Dec 01 j 12:50	25°♍38'07	0°40'40	
max. Earth dist.	-10830 Dec 03 j 06:18	27°♍45'19	1.73431 AU	
	-10830 Dec 05 j 02:12	0°♎		
	-10830 Dec 29 j 13:05	0°♏		
evening rise	-10829 Jan 08 j 13:57	12°♏18'33		
	-10829 Jan 23 j 00:06	0°♐		
greatest brilliancy	-10829 Jan 28 j 21:50	7°♐14'22	-3.9m	
	-10829 Feb 16 j 12:07	0°♑		
asc. node	-10829 Mar 04 j 03:45	19°♑05'41		
	-10829 Mar 13 j 03:02	0°♒		
	-10829 Apr 06 j 22:44	0°♓		
	-10829 May 02 j 01:32	0°♈		
	-10829 May 27 j 16:28	0°♉		
	-10829 Jun 23 j 10:09	0°♊		
desc. node	-10829 Jun 25 j 11:41	2°♊13'21		
evening max el	-10829 Jul 06 j 18:15	13°♊59'59	47°51'32	
	-10829 Jul 23 j 15:32	0°♋		
greatest brilliancy	-10829 Aug 17 j 12:32	16°♋11'15	-4.9m	
retrograde	-10829 Aug 26 j 23:27	17°♋55'50		
evening set	-10829 Sep 12 j 08:58	12°♋33'00		
inferior conj	-10829 Sep 16 j 18:58	9°♋48'37	-6°16'10	
minimum elong	-10829 Sep 17 j 04:48	9°♋33'04	6°13'24	
min. Earth dist.	-10829 Sep 16 j 07:32	10°♋06'41	0.27135 AU	
morning rise	-10829 Sep 22 j 01:00	6°♋36'12		
direct	-10829 Oct 07 j 02:02	1°♋59'34		
asc. node	-10829 Oct 15 j 02:51	3°♋14'41		
greatest brilliancy	-10829 Oct 16 j 14:37	3°♋43'45	-4.8m	
	-10829 Nov 21 j 20:58	0°♌		
morning max el	-10829 Nov 25 j 14:09	3°♌35'26	46°10'03	
	-10829 Dec 21 j 00:39	0°♍		
	-10828 Jan 17 j 00:48	0°♎		
desc. node	-10828 Feb 05 j 08:17	22°♎09'14		
	-10828 Feb 12 j 02:07	0°♏		
	-10828 Mar 08 j 11:15	0°♐		
	-10828 Apr 02 j 06:51	0°♑		
	-10828 Apr 26 j 15:29	0°♒		
morning set	-10828 May 19 j 17:04	28°♒47'51		
	-10828 May 20 j 16:03	0°♓		
asc. node	-10828 May 26 j 15:34	7°♓30'50		
	-10828 Jun 13 j 11:35	0°♈		
superior conj	-10828 Jun 26 j 18:50	16°♈48'46	1°03'51	
minimum elong	-10828 Jun 26 j 08:54	16°♈17'19	1°03'39	
max. Earth dist.	-10828 Jun 26 j 15:05	16°♈36'52	1.70814 AU	
	-10828 Jul 07 j 05:04	0°♉		
	-10828 Jul 30 j 23:23	0°♊		
evening rise	-10828 Aug 06 j 12:21	8°♊14'01		
	-10828 Aug 23 j 20:53	0°♋		
desc. node	-10828 Sep 16 j 18:34	29°♋45'53		
	-10828 Sep 16 j 23:07	0°♌		
	-10828 Oct 11 j 06:51	0°♍		
	-10828 Nov 04 j 21:11	0°♎		
	-10828 Nov 29 j 21:32	0°♏		
	-10828 Dec 25 j 16:35	0°♐		
asc. node	-10827 Jan 06 j 07:53	13°♐02'34		
	-10827 Jan 22 j 03:02	0°♑		
evening max el	-10827 Feb 06 j 21:16	15°♑41'36	44°59'12	
	-10827 Feb 23 j 08:50	0°♒		
greatest brilliancy	-10827 Mar 16 j 23:40	12°♒40'45	-4.7m	
retrograde	-10827 Mar 27 j 01:20	14°♒27'20		
evening set	-10827 Apr 11 j 04:37	10°♒11'07		
inferior conj	-10827 Apr 17 j 03:20	6°♒46'38	2°54'27	
minimum elong	-10827 Apr 17 j 09:29	6°♒37'27	2°52'15	
min. Earth dist.	-10827 Apr 18 j 05:58	6°♒06'51	0.27715 AU	
morning rise	-10827 Apr 23 j 13:22	3°♒05'18		
desc. node	-10827 Apr 29 j 17:17	0°♒21'37		
	-10827 Apr 30 j 19:58	30°℞♑		
direct	-10827 May 08 j 14:05	28°♑48'50		
	-10827 May 16 j 13:25	0°♒		
greatest brilliancy	-10827 May 20 j 07:31	1°♒18'19	-4.8m	
	-10827 Jun 26 j 18:27	0°♓		
morning max el	-10827 Jun 27 j 23:55	1°♓13'54	46°39'37	
	-10827 Jul 24 j 12:28	0°♈		
asc. node	-10827 Aug 19 j 05:43	0°♉16'22		
	-10827 Aug 19 j 00:16	0°♉		
	-10827 Sep 12 j 16:07	0°♊		
	-10827 Oct 07 j 02:01	0°♋		
	-10827 Oct 31 j 12:47	0°♌		
	-10827 Nov 25 j 02:30	0°♍		
desc. node	-10827 Dec 10 j 07:31	18°♍30'54		
	-10827 Dec 19 j 17:58	0°♎		
morning set	-10826 Jan 03 j 00:35	17°♎23'20		
	-10826 Jan 13 j 08:34	0°♏		
max. Earth dist.	-10826 Feb 05 j 09:48	28°♏14'01	1.73717 AU	
	-10826 Feb 06 j 20:19	0°♐		
superior conj	-10826 Feb 08 j 14:40	2°♐10'06	-1°20'13	
minimum elong	-10826 Feb 08 j 16:25	2°♐15'30	1°20'44	
	-10826 Mar 03 j 04:55	0°♑		
evening rise	-10826 Mar 15 j 17:37	15°♑28'42		
	-10826 Mar 27 j 11:25	0°♒		
asc. node	-10826 Mar 31 j 15:46	5°♒10'19		
	-10826 Apr 20 j 17:16	0°♓		
	-10826 May 14 j 23:47	0°♈		
	-10826 Jun 08 j 08:31	0°♉		
	-10826 Jul 02 j 22:13	0°♊		
desc. node	-10826 Jul 22 j 22:03	24°♊03'35		
	-10826 Jul 27 j 22:03	0°♋		
	-10826 Aug 22 j 18:47	0°♌		
evening max el	-10826 Sep 15 j 19:22	25°♌56'55	46°57'56	
	-10826 Sep 19 j 20:16	0°♍		
greatest brilliancy	-10826 Oct 25 j 09:17	27°♍01'41	-4.8m	
retrograde	-10826 Nov 05 j 11:04	29°♍21'18		
asc. node	-10826 Nov 11 j 13:33	28°♍34'10		
evening set	-10826 Nov 20 j 11:47	24°♍43'52		
min. Earth dist.	-10826 Nov 25 j 22:47	21°♍20'23	0.28755 AU	
inferior conj	-10826 Nov 26 j 14:20	20°♍55'12	3°23'48	
minimum elong	-10826 Nov 26 j 07:55	21°♍05'36	3°22'16	
morning rise	-10826 Dec 02 j 04:52	17°♍25'41		
direct	-10826 Dec 17 j 21:52	12°♍34'27		
greatest brilliancy	-10826 Dec 26 j 18:38	14°♍01'56	-4.7m	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10825 Jan 21 j 20:54	0°♎	
morning max el	-10825 Feb 04 j 15:14	12°♎14'33	45°58'13
	-10825 Feb 22 j 10:40	0°♏	
desc. node	-10825 Mar 04 j 20:56	11°♏04'28	
	-10825 Mar 21 j 23:35	0°♐	
	-10825 Apr 16 j 21:20	0°♑	
	-10825 May 11 j 19:52	0°♒	
	-10825 Jun 05 j 03:19	0°♓	
greatest brilliancy	-10825 Jun 22 j 03:38	21°♓17'58	-3.9m
asc. node	-10825 Jun 24 j 05:16	23°♓54'07	
	-10825 Jun 29 j 01:26	0°♈	
	-10825 Jul 22 j 18:59	0°♉	
morning set	-10825 Aug 02 j 09:17	13°♉25'00	
	-10825 Aug 15 j 12:04	0°♊	
	-10825 Sep 08 j 07:56	0°♋	
superior conj	-10825 Sep 13 j 10:42	6°♋24'33	1°03'37
minimum elong	-10825 Sep 13 j 22:31	7°♋01'32	1°03'52
max. Earth dist.	-10825 Sep 20 j 21:46	15°♋44'19	1.71573 AU
	-10825 Oct 02 j 08:23	0°♌	
desc. node	-10825 Oct 15 j 06:54	16°♌03'20	
evening rise	-10825 Oct 26 j 12:45	29°♌57'37	
	-10825 Oct 26 j 13:32	0°♍	
	-10825 Nov 19 j 22:28	0°♎	
	-10825 Dec 14 j 10:51	0°♏	
	-10824 Jan 08 j 04:12	0°♐	
	-10824 Feb 02 j 06:29	0°♑	
asc. node	-10824 Feb 03 j 18:41	1°♑47'01	
	-10824 Feb 27 j 23:50	0°♒	
	-10824 Mar 25 j 18:59	0°♓	
evening max el	-10824 Apr 21 j 02:13	27°♓13'46	46°26'41
	-10824 Apr 23 j 23:31	0°♈	
desc. node	-10824 May 27 j 03:49	25°♈06'02	
greatest brilliancy	-10824 May 31 j 11:12	26°♈49'51	-4.9m
retrograde	-10824 Jun 10 j 01:26	28°♈31'00	
evening set	-10824 Jun 26 j 01:02	23°♈41'17	
inferior conj	-10824 Jun 30 j 19:23	20°♈54'19	-7°19'34
minimum elong	-10824 Jun 30 j 09:39	21°♈08'55	7°17'44
min. Earth dist.	-10824 Jun 30 j 07:41	21°♈11'50	0.26463 AU
morning rise	-10824 Jul 04 j 18:15	18°♈34'54	
direct	-10824 Jul 21 j 03:30	13°♈26'07	
greatest brilliancy	-10824 Jul 31 j 12:35	15°♈27'46	-4.9m
	-10824 Aug 22 j 23:25	0°♉	
morning max el	-10824 Sep 09 j 16:14	16°♉43'38	46°36'27
asc. node	-10824 Sep 15 j 17:52	23°♉02'13	
	-10824 Sep 22 j 05:38	0°♊	
	-10824 Oct 18 j 19:27	0°♋	
	-10824 Nov 13 j 10:18	0°♌	
	-10824 Dec 08 j 18:13	0°♍	
	-10823 Jan 02 j 22:43	0°♎	
desc. node	-10823 Jan 06 j 21:09	4°♎42'21	
	-10823 Jan 27 j 22:37	0°♏	
	-10823 Feb 21 j 16:09	0°♐	
morning set	-10823 Mar 11 j 09:33	21°♐43'17	
	-10823 Mar 18 j 02:47	0°♑	
max. Earth dist.	-10823 Apr 11 j 00:42	29°♑38'36	1.72444 AU
	-10823 Apr 11 j 07:34	0°♒	
superior conj	-10823 Apr 15 j 12:40	5°♒14'50	-0°28'46
minimum elong	-10823 Apr 15 j 17:57	5°♒31'16	0°29'03
asc. node	-10823 Apr 28 j 04:30	21°♒02'53	
	-10823 May 05 j 08:14	0°♓	
evening rise	-10823 May 21 j 16:58	20°♓30'27	
	-10823 May 29 j 06:37	0°♈	
	-10823 Jun 22 j 04:39	0°♉	
	-10823 Jul 16 j 04:30	0°♊	
	-10823 Aug 09 j 08:38	0°♋	
desc. node	-10823 Aug 19 j 09:02	12°♋20'17	
	-10823 Sep 02 j 19:38	0°♌	
	-10823 Sep 27 j 17:26	0°♍	
	-10823 Oct 23 j 10:53	0°♎	
	-10823 Nov 20 j 02:31	0°♏	
evening max el	-10823 Nov 25 j 04:14	5°♏03'53	45°17'19
asc. node	-10823 Dec 09 j 00:00	17°♏46'15	
	-10823 Dec 26 j 02:32	0°♐	
greatest brilliancy	-10822 Jan 01 j 18:08	3°♐07'51	-4.7m
retrograde	-10822 Jan 12 j 17:53	5°♐19'44	
	-10822 Jan 29 j 11:13	30°℞♏	
evening set	-10822 Jan 30 j 08:15	29°♏28'57	
inferior conj	-10822 Feb 03 j 05:20	27°♏04'51	8°05'09
minimum elong	-10822 Feb 03 j 04:56	27°♏05'28	8°04'41
min. Earth dist.	-10822 Feb 03 j 20:20	26°♏41'09	0.29559 AU
morning rise	-10822 Feb 07 j 01:25	24°♏41'14	
direct	-10822 Feb 25 j 04:57	18°♏32'14	
greatest brilliancy	-10822 Mar 07 j 14:56	20°♏27'37	-4.7m
	-10822 Mar 24 j 16:41	0°♐	
desc. node	-10822 Apr 01 j 08:25	5°♐58'45	
morning max el	-10822 Apr 15 j 13:32	18°♐48'56	46°14'31
	-10822 Apr 26 j 16:48	0°♑	
	-10822 May 23 j 23:53	0°♒	
	-10822 Jun 18 j 10:02	0°♓	
	-10822 Jul 12 j 22:00	0°♈	
asc. node	-10822 Jul 21 j 18:51	11°♈01'39	
	-10822 Aug 05 j 22:47	0°♉	
	-10822 Aug 29 j 19:46	0°♊	
	-10822 Sep 22 j 18:05	0°♋	
	-10822 Oct 16 j 20:36	0°♌	
morning set	-10822 Oct 19 j 08:15	3°♌04'48	
	-10822 Nov 10 j 03:34	0°♍	
desc. node	-10822 Nov 11 j 20:04	2°♍04'35	
superior conj	-10822 Nov 29 j 11:05	23°♍44'34	-0°38'09
minimum elong	-10822 Nov 29 j 03:11	23°♍20'17	0°37'42
max. Earth dist.	-10822 Nov 30 j 23:43	25°♍37'00	1.73390 AU
	-10822 Dec 04 j 13:27	0°♎	
	-10822 Dec 29 j 00:18	0°♏	
evening rise	-10821 Jan 06 j 07:56	10°♏12'08	
	-10821 Jan 22 j 11:23	0°♐	
greatest brilliancy	-10821 Jan 28 j 22:43	7°♐55'55	-3.9m
	-10821 Feb 15 j 23:37	0°♑	
asc. node	-10821 Mar 03 j 05:57	18°♑36'42	
	-10821 Mar 12 j 14:57	0°♒	
	-10821 Apr 06 j 11:21	0°♓	
	-10821 May 01 j 15:15	0°♈	
	-10821 May 27 j 08:07	0°♉	
	-10821 Jun 23 j 05:52	0°♊	
desc. node	-10821 Jun 24 j 13:57	1°♊25'43	
evening max el	-10821 Jul 04 j 09:01	11°♊36'51	47°50'44
	-10821 Jul 24 j 02:33	0°♋	
greatest brilliancy	-10821 Aug 15 j 02:56	13°♋44'23	-4.9m
retrograde	-10821 Aug 24 j 13:51	15°♋28'54	
evening set	-10821 Sep 10 j 01:48	10°♋01'45	
inferior conj	-10821 Sep 14 j 08:44	7°♋22'20	-6°31'57
minimum elong	-10821 Sep 14 j 18:36	7°♋06'48	6°29'17
min. Earth dist.	-10821 Sep 13 j 21:07	7°♋40'39	0.27100 AU
morning rise	-10821 Sep 19 j 11:46	4°♋14'52	
	-10821 Sep 30 j 03:14	30°℞♊	
direct	-10821 Oct 04 j 15:33	29°♊34'13	
	-10821 Oct 09 j 06:37	0°♋	
greatest brilliancy	-10821 Oct 14 j 04:16	1°♋19'03	-4.9m
asc. node	-10821 Oct 14 j 05:00	1°♋19'42	
	-10821 Nov 21 j 21:27	0°♌	
morning max el	-10821 Nov 23 j 05:44	1°♌18'46	46°10'54
	-10821 Dec 20 j 17:30	0°♍	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10820 Jan 16 j 14:53	0°♎	
desc. node	-10820 Feb 04 j 10:28	21°♎37'45	
	-10820 Feb 11 j 14:51	0°♏	
	-10820 Mar 07 j 23:13	0°♐	
	-10820 Apr 01 j 18:23	0°♑	
	-10820 Apr 26 j 02:47	0°♒	
morning set	-10820 May 17 j 10:01	26°♒35'24	
	-10820 May 20 j 03:16	0°♓	
asc. node	-10820 May 25 j 17:50	7°♓02'43	
	-10820 Jun 12 j 22:48	0°♈	
superior conj	-10820 Jun 24 j 08:14	14°♈23'45	1°01'29
minimum elong	-10820 Jun 23 j 22:17	13°♈52'18	1°01'16
max. Earth dist.	-10820 Jun 23 j 22:16	13°♈52'15	1.70840 AU
	-10820 Jul 06 j 16:23	0°♉	
	-10820 Jul 30 j 10:48	0°♊	
evening rise	-10820 Aug 03 j 21:00	5°♊34'15	
	-10820 Aug 23 j 08:26	0°♋	
desc. node	-10820 Sep 15 j 20:35	29°♋15'59	
	-10820 Sep 16 j 10:48	0°♌	
	-10820 Oct 10 j 18:44	0°♍	
	-10820 Nov 04 j 09:26	0°♎	
	-10820 Nov 29 j 10:31	0°♏	
	-10820 Dec 25 j 07:11	0°♐	
asc. node	-10819 Jan 05 j 10:15	12°♐25'27	
	-10819 Jan 21 j 21:46	0°♑	
evening max el	-10819 Feb 04 j 12:37	13°♑28'57	44°57'47
	-10819 Feb 23 j 22:33	0°♒	
greatest brilliancy	-10819 Mar 14 j 13:06	10°♒24'27	-4.7m
retrograde	-10819 Mar 24 j 14:40	12°♒10'40	
evening set	-10819 Apr 08 j 20:35	7°♒51'39	
inferior conj	-10819 Apr 14 j 17:15	4°♒29'16	3°13'59
minimum elong	-10819 Apr 14 j 23:57	4°♒19'13	3°11'39
min. Earth dist.	-10819 Apr 15 j 20:40	3°♒48'10	0.27787 AU
morning rise	-10819 Apr 21 j 02:21	0°♒48'28	
	-10819 Apr 22 j 16:20	30°℞♑	
desc. node	-10819 Apr 28 j 19:34	27°♑34'37	
direct	-10819 May 06 j 05:11	26°♑30'09	
greatest brilliancy	-10819 May 17 j 21:48	28°♑58'29	-4.8m
	-10819 May 20 j 06:13	0°♒	
morning max el	-10819 Jun 25 j 13:58	28°♒51'04	46°39'09
	-10819 Jun 26 j 17:14	0°♓	
	-10819 Jul 24 j 04:54	0°♈	
asc. node	-10819 Aug 18 j 07:55	29°♈40'27	
	-10819 Aug 18 j 14:24	0°♉	
	-10819 Sep 12 j 05:07	0°♊	
	-10819 Oct 06 j 14:22	0°♋	
	-10819 Oct 31 j 00:41	0°♌	
	-10819 Nov 24 j 14:05	0°♍	
desc. node	-10819 Dec 09 j 09:44	18°♍02'55	
	-10819 Dec 19 j 05:16	0°♎	
morning set	-10819 Dec 31 j 16:48	15°♎12'24	
	-10818 Jan 12 j 19:40	0°♏	
max. Earth dist.	-10818 Feb 03 j 07:20	26°♏19'00	1.73735 AU
superior conj	-10818 Feb 06 j 09:46	0°♐07'33	-1°20'31
minimum elong	-10818 Feb 06 j 10:58	0°♐11'13	1°21'01
	-10818 Feb 06 j 07:18	0°♐	
	-10818 Mar 02 j 15:56	0°♑	
evening rise	-10818 Mar 13 j 13:15	13°♑26'45	
	-10818 Mar 26 j 22:36	0°♒	
asc. node	-10818 Mar 30 j 17:54	4°♒42'12	
	-10818 Apr 20 j 04:45	0°♓	
	-10818 May 14 j 11:40	0°♈	
	-10818 Jun 07 j 20:54	0°♉	
	-10818 Jul 02 j 11:17	0°♊	
desc. node	-10818 Jul 22 j 00:18	23°♊28'49	
	-10818 Jul 27 j 12:16	0°♋	
	-10818 Aug 22 j 11:21	0°♌	
evening max el	-10818 Sep 13 j 11:10	23°♌40'09	47°01'17
	-10818 Sep 19 j 19:48	0°♍	
greatest brilliancy	-10818 Oct 23 j 04:07	24°♍51'21	-4.8m
retrograde	-10818 Nov 03 j 03:56	27°♍09'08	
asc. node	-10818 Nov 10 j 15:56	25°♍58'09	
evening set	-10818 Nov 18 j 03:57	22°♍33'25	
min. Earth dist.	-10818 Nov 23 j 15:41	19°♍08'47	0.28696 AU
inferior conj	-10818 Nov 24 j 07:15	18°♍43'31	3°06'20
minimum elong	-10818 Nov 24 j 01:17	18°♍53'11	3°04'54
morning rise	-10818 Nov 29 j 23:26	15°♍11'18	
direct	-10818 Dec 15 j 13:48	10°♍23'51	
greatest brilliancy	-10818 Dec 24 j 10:45	11°♍51'13	-4.7m
	-10817 Jan 22 j 02:50	0°♎	
morning max el	-10817 Feb 02 j 06:19	10°♎02'55	45°58'03
	-10817 Feb 22 j 04:12	0°♏	
desc. node	-10817 Mar 03 j 22:59	10°♏26'52	
	-10817 Mar 21 j 13:45	0°♐	
	-10817 Apr 16 j 10:02	0°♑	
	-10817 May 11 j 07:51	0°♒	
	-10817 Jun 04 j 14:56	0°♓	
asc. node	-10817 Jun 23 j 07:28	23°♓24'56	
greatest brilliancy	-10817 Jun 23 j 07:42	23°♓25'42	-3.9m
	-10817 Jun 28 j 12:52	0°♈	
	-10817 Jul 22 j 06:19	0°♉	
morning set	-10817 Jul 30 j 19:34	10°♉49'52	
	-10817 Aug 14 j 23:19	0°♊	
	-10817 Sep 07 j 19:08	0°♋	
superior conj	-10817 Sep 10 j 19:18	3°♋46'10	1°06'06
minimum elong	-10817 Sep 11 j 06:53	4°♋22'28	1°06'23
max. Earth dist.	-10817 Sep 18 j 07:10	13°♋08'49	1.71501 AU
	-10817 Oct 01 j 19:33	0°♌	
desc. node	-10817 Oct 14 j 09:06	15°♌35'37	
evening rise	-10817 Oct 23 j 23:30	27°♌28'05	
	-10817 Oct 26 j 00:42	0°♍	
	-10817 Nov 19 j 09:41	0°♎	
	-10817 Dec 13 j 22:13	0°♏	
	-10816 Jan 07 j 15:59	0°♐	
	-10816 Feb 01 j 19:04	0°♑	
asc. node	-10816 Feb 02 j 20:52	1°♑16'07	
	-10816 Feb 27 j 13:59	0°♒	
	-10816 Mar 25 j 12:21	0°♓	
evening max el	-10816 Apr 18 j 13:57	24°♓46'54	46°22'44
	-10816 Apr 24 j 01:59	0°♈	
desc. node	-10816 May 26 j 06:08	23°♈18'20	
greatest brilliancy	-10816 May 28 j 22:32	24°♈19'19	-4.9m
retrograde	-10816 Jun 07 j 12:21	26°♈00'27	
evening set	-10816 Jun 23 j 08:23	21°♈16'37	
inferior conj	-10816 Jun 28 j 06:56	18°♈24'32	-7°05'18
minimum elong	-10816 Jun 27 j 20:52	18°♈39'35	7°03'18
min. Earth dist.	-10816 Jun 27 j 20:25	18°♈40'15	0.26467 AU
morning rise	-10816 Jul 02 j 09:15	16°♈00'26	
direct	-10816 Jul 18 j 15:01	10°♈55'50	
greatest brilliancy	-10816 Jul 29 j 02:49	12°♈59'46	-4.9m
	-10816 Aug 23 j 08:51	0°♉	
morning max el	-10816 Sep 07 j 04:23	14°♉13'08	46°37'24
asc. node	-10816 Sep 14 j 19:58	22°♉12'46	
	-10816 Sep 22 j 00:35	0°♊	
	-10816 Oct 18 j 10:33	0°♋	
	-10816 Nov 12 j 23:38	0°♌	
	-10816 Dec 08 j 06:32	0°♍	
	-10815 Jan 02 j 10:22	0°♎	
desc. node	-10815 Jan 05 j 23:16	4°♎13'59	
	-10815 Jan 27 j 09:51	0°♏	
	-10815 Feb 21 j 03:07	0°♐	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning set	-10815 Mar 09 j 04:54	19°♐41'37	
	-10815 Mar 17 j 13:39	0°♑	
max. Earth dist.	-10815 Apr 08 j 21:00	27°♑38'36	1.72506 AU
	-10815 Apr 10 j 18:26	0°♒	
superior conj	-10815 Apr 13 j 07:23	3°♒09'43	-0°31'35
minimum elong	-10815 Apr 13 j 13:03	3°♒27'25	0°31'52
asc. node	-10815 Apr 27 j 06:46	20°♒35'52	
	-10815 May 04 j 19:12	0°♓	
evening rise	-10815 May 19 j 09:38	18°♓17'31	
	-10815 May 28 j 17:46	0°♈	
	-10815 Jun 21 j 16:02	0°♉	
	-10815 Jul 15 j 16:11	0°♊	
	-10815 Aug 08 j 20:38	0°♋	
desc. node	-10815 Aug 18 j 11:07	11°♋49'25	
	-10815 Sep 02 j 08:06	0°♌	
	-10815 Sep 27 j 06:40	0°♍	
	-10815 Oct 23 j 01:51	0°♎	
	-10815 Nov 19 j 22:28	0°♏	
evening max el	-10815 Nov 22 j 20:11	2°♏53'00	45°20'00
asc. node	-10815 Dec 08 j 02:16	16°♏48'42	
	-10815 Dec 27 j 23:20	0°♐	
greatest brilliancy	-10815 Dec 30 j 09:37	1°♐00'53	-4.7m
retrograde	-10814 Jan 10 j 11:39	3°♐15'02	
	-10814 Jan 23 j 07:22	30°℞♏	
evening set	-10814 Jan 28 j 00:42	27°♏24'26	
inferior conj	-10814 Jan 31 j 22:37	24°♏58'54	8°04'27
minimum elong	-10814 Jan 31 j 21:33	25°♏00'34	8°03'59
min. Earth dist.	-10814 Feb 01 j 12:00	24°♏37'46	0.29582 AU
morning rise	-10814 Feb 04 j 18:16	22°♏36'00	
direct	-10814 Feb 22 j 22:21	16°♏25'50	
greatest brilliancy	-10814 Mar 05 j 06:18	18°♏19'56	-4.7m
	-10814 Mar 25 j 05:43	0°♐	
desc. node	-10814 Mar 31 j 10:43	5°♐01'10	
morning max el	-10814 Apr 13 j 06:55	16°♐41'42	46°13'34
	-10814 Apr 26 j 11:20	0°♑	
	-10814 May 23 j 14:32	0°♒	
	-10814 Jun 17 j 23:05	0°♓	
	-10814 Jul 12 j 10:15	0°♈	
asc. node	-10814 Jul 20 j 20:58	10°♈30'34	
	-10814 Aug 05 j 10:36	0°♉	
	-10814 Aug 29 j 07:18	0°♊	
	-10814 Sep 22 j 05:27	0°♋	
	-10814 Oct 16 j 07:47	0°♌	
morning set	-10814 Oct 16 j 19:00	0°♌34'46	
	-10814 Nov 09 j 14:35	0°♍	
desc. node	-10814 Nov 10 j 22:17	1°♍37'34	
superior conj	-10814 Nov 27 j 01:06	21°♍26'46	-0°35'08
minimum elong	-10814 Nov 26 j 17:36	21°♍03'43	0°34'40
max. Earth dist.	-10814 Nov 28 j 18:46	23°♍34'40	1.73346 AU
	-10814 Dec 04 j 00:18	0°♎	
	-10814 Dec 28 j 11:06	0°♏	
evening rise	-10813 Jan 04 j 02:07	8°♏07'34	
	-10813 Jan 21 j 22:16	0°♐	
greatest brilliancy	-10813 Jan 29 j 02:15	8°♐46'45	-3.9m
	-10813 Feb 15 j 10:47	0°♑	
asc. node	-10813 Mar 02 j 08:07	18°♑08'35	
	-10813 Mar 12 j 02:35	0°♒	
	-10813 Apr 05 j 23:45	0°♓	
	-10813 May 01 j 04:52	0°♈	
	-10813 May 26 j 23:45	0°♉	
	-10813 Jun 23 j 01:52	0°♊	
desc. node	-10813 Jun 23 j 16:10	0°♊37'52	
evening max el	-10813 Jul 02 j 00:35	9°♊16'34	47°49'53
	-10813 Jul 24 j 16:40	0°♋	
greatest brilliancy	-10813 Aug 12 j 16:59	11°♋18'04	-4.9m
retrograde	-10813 Aug 22 j 04:23	13°♋02'33	
evening set	-10813 Sep 07 j 18:39	7°♋31'17	
inferior conj	-10813 Sep 11 j 22:27	4°♋56'45	-6°47'12
minimum elong	-10813 Sep 12 j 08:15	4°♋41'19	6°44'38
min. Earth dist.	-10813 Sep 11 j 10:26	5°♋15'39	0.27061 AU
morning rise	-10813 Sep 16 j 22:16	1°♋54'25	
	-10813 Sep 20 j 13:36	30°℞♊	
direct	-10813 Oct 02 j 05:25	27°♊09'49	
greatest brilliancy	-10813 Oct 11 j 17:31	28°♊54'38	-4.9m
asc. node	-10813 Oct 13 j 07:25	29°♊30'16	
	-10813 Oct 14 j 11:54	0°♋	
morning max el	-10813 Nov 20 j 21:14	29°♋02'46	46°11'48
	-10813 Nov 21 j 20:28	0°♌	
	-10813 Dec 20 j 09:40	0°♍	
	-10812 Jan 16 j 04:28	0°♎	
desc. node	-10812 Feb 03 j 12:31	21°♎07'08	
	-10812 Feb 11 j 03:07	0°♏	
	-10812 Mar 07 j 10:47	0°♐	
	-10812 Apr 01 j 05:34	0°♑	
	-10812 Apr 25 j 13:48	0°♒	
morning set	-10812 May 15 j 02:58	24°♒23'41	
	-10812 May 19 j 14:14	0°♓	
asc. node	-10812 May 24 j 20:03	6°♓35'07	
	-10812 Jun 12 j 09:50	0°♈	
max. Earth dist.	-10812 Jun 21 j 01:49	10°♈56'50	1.70871 AU
superior conj	-10812 Jun 21 j 21:36	11°♈59'19	0°59'01
minimum elong	-10812 Jun 21 j 11:44	11°♈28'10	0°58'45
	-10812 Jul 06 j 03:31	0°♉	
	-10812 Jul 29 j 22:02	0°♊	
evening rise	-10812 Aug 01 j 05:32	2°♊54'43	
	-10812 Aug 22 j 19:45	0°♋	
desc. node	-10812 Sep 14 j 22:50	28°♋47'32	
	-10812 Sep 15 j 22:14	0°♌	
	-10812 Oct 10 j 06:23	0°♍	
	-10812 Nov 03 j 21:27	0°♎	
	-10812 Nov 28 j 23:17	0°♏	
	-10812 Dec 24 j 21:36	0°♐	
asc. node	-10811 Jan 04 j 12:29	11°♐48'42	
	-10811 Jan 21 j 16:31	0°♑	
evening max el	-10811 Feb 02 j 03:26	11°♑16'18	44°56'33
	-10811 Feb 24 j 15:56	0°♒	
greatest brilliancy	-10811 Mar 12 j 03:10	8°♒10'46	-4.7m
retrograde	-10811 Mar 22 j 03:52	9°♒56'28	
evening set	-10811 Apr 06 j 12:59	5°♒34'16	
inferior conj	-10811 Apr 12 j 07:35	2°♒14'16	3°32'41
minimum elong	-10811 Apr 12 j 14:47	2°♒03'25	3°30'16
min. Earth dist.	-10811 Apr 13 j 11:56	1°♒31'37	0.27866 AU
	-10811 Apr 16 j 01:53	30°℞♑	
morning rise	-10811 Apr 18 j 15:34	28°♑34'06	
desc. node	-10811 Apr 27 j 21:49	24°♑54'53	
direct	-10811 May 03 j 20:16	24°♑13'35	
greatest brilliancy	-10811 May 15 j 13:01	26°♑41'20	-4.8m
	-10811 May 22 j 06:26	0°♒	
morning max el	-10811 Jun 23 j 03:25	26°♒27'20	46°38'25
	-10811 Jun 26 j 14:56	0°♓	
	-10811 Jul 23 j 20:58	0°♈	
asc. node	-10811 Aug 17 j 10:03	29°♈04'42	
	-10811 Aug 18 j 04:21	0°♉	
	-10811 Sep 11 j 17:58	0°♊	
	-10811 Oct 06 j 02:33	0°♋	
	-10811 Oct 30 j 12:24	0°♌	
	-10811 Nov 24 j 01:27	0°♍	
desc. node	-10811 Dec 08 j 11:46	17°♍35'00	
	-10811 Dec 18 j 16:22	0°♎	
morning set	-10811 Dec 29 j 09:02	13°♎02'06	
	-10810 Jan 12 j 06:34	0°♏	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

max. Earth dist.	-10810 Feb 01 j 03:23	24°♏20'03	1.73747 AU
superior conj	-10810 Feb 04 j 05:08	28°♏06'26	-1°20'42
minimum elong	-10810 Feb 04 j 05:45	28°♏08'20	1°21'11
	-10810 Feb 05 j 18:07	0°♐	
	-10810 Mar 02 j 02:45	0°♑	
evening rise	-10810 Mar 11 j 09:15	11°♑26'39	
	-10810 Mar 26 j 09:35	0°♒	
asc. node	-10810 Mar 29 j 20:16	4°♒15'31	
	-10810 Apr 19 j 16:02	0°♓	
	-10810 May 13 j 23:24	0°♈	
	-10810 Jun 07 j 09:13	0°♉	
	-10810 Jul 02 j 00:25	0°♊	
desc. node	-10810 Jul 21 j 02:25	22°♊53'20	
	-10810 Jul 27 j 02:40	0°♋	
	-10810 Aug 22 j 04:18	0°♌	
evening max el	-10810 Sep 11 j 02:05	21°♌20'45	47°04'45
	-10810 Sep 19 j 20:31	0°♍	
greatest brilliancy	-10810 Oct 20 j 23:00	22°♍40'40	-4.8m
retrograde	-10810 Oct 31 j 20:36	24°♍56'48	
asc. node	-10810 Nov 09 j 18:09	23°♍17'09	
evening set	-10810 Nov 15 j 20:11	20°♍22'19	
min. Earth dist.	-10810 Nov 21 j 08:44	16°♍56'40	0.28633 AU
inferior conj	-10810 Nov 22 j 00:08	16°♍31'41	2°48'34
minimum elong	-10810 Nov 21 j 18:39	16°♍40'34	2°47'15
morning rise	-10810 Nov 27 j 17:53	12°♍56'58	
direct	-10810 Dec 13 j 05:16	8°♍12'57	
greatest brilliancy	-10810 Dec 22 j 03:17	9°♍40'55	-4.7m
	-10809 Jan 22 j 06:47	0°♎	
morning max el	-10809 Jan 30 j 21:26	7°♎51'31	45°58'04
	-10809 Feb 21 j 21:17	0°♏	
desc. node	-10809 Mar 03 j 01:12	9°♏50'16	
	-10809 Mar 21 j 03:40	0°♐	
	-10809 Apr 15 j 22:34	0°♑	
	-10809 May 10 j 19:41	0°♒	
	-10809 Jun 04 j 02:26	0°♓	
asc. node	-10809 Jun 22 j 09:36	22°♓55'53	
greatest brilliancy	-10809 Jun 24 j 01:33	25°♓01'40	-3.9m
	-10809 Jun 28 j 00:13	0°♈	
	-10809 Jul 21 j 17:37	0°♉	
morning set	-10809 Jul 28 j 05:57	8°♉14'57	
	-10809 Aug 14 j 10:38	0°♊	
	-10809 Sep 07 j 06:27	0°♋	
superior conj	-10809 Sep 08 j 03:29	1°♋05'56	1°08'28
minimum elong	-10809 Sep 08 j 14:44	1°♋41'12	1°08'46
max. Earth dist.	-10809 Sep 15 j 11:46	10°♋17'49	1.71435 AU
	-10809 Oct 01 j 06:52	0°♌	
desc. node	-10809 Oct 13 j 11:20	15°♌07'37	
evening rise	-10809 Oct 21 j 09:26	24°♌55'37	
	-10809 Oct 25 j 12:00	0°♍	
	-10809 Nov 18 j 21:00	0°♎	
	-10809 Dec 13 j 09:42	0°♏	
	-10808 Jan 07 j 03:53	0°♐	
	-10808 Feb 01 j 07:49	0°♑	
asc. node	-10808 Feb 01 j 23:05	0°♑44'57	
	-10808 Feb 27 j 04:20	0°♒	
	-10808 Mar 25 j 06:04	0°♓	
evening max el	-10808 Apr 16 j 02:19	22°♓22'09	46°19'00
	-10808 Apr 24 j 05:51	0°♈	
desc. node	-10808 May 25 j 08:16	21°♈26'56	
greatest brilliancy	-10808 May 26 j 09:23	21°♈49'16	-4.9m
retrograde	-10808 Jun 05 j 00:03	23°♈31'19	
evening set	-10808 Jun 20 j 16:11	18°♈52'45	
inferior conj	-10808 Jun 25 j 18:45	15°♈55'46	-6°50'15
minimum elong	-10808 Jun 25 j 08:28	16°♈11'05	6°48'06
min. Earth dist.	-10808 Jun 25 j 09:03	16°♈10'13	0.26476 AU
morning rise	-10808 Jun 30 j 00:36	13°♈27'09	
direct	-10808 Jul 16 j 03:20	8°♈26'35	
greatest brilliancy	-10808 Jul 26 j 16:55	10°♈32'24	-4.9m
	-10808 Aug 23 j 15:42	0°♉	
morning max el	-10808 Sep 04 j 17:38	11°♉45'17	46°38'00
asc. node	-10808 Sep 13 j 22:23	21°♉24'31	
	-10808 Sep 21 j 19:14	0°♊	
	-10808 Oct 18 j 01:43	0°♋	
	-10808 Nov 12 j 13:09	0°♌	
	-10808 Dec 07 j 19:04	0°♍	
	-10807 Jan 01 j 22:15	0°♎	
desc. node	-10807 Jan 05 j 01:23	3°♎44'58	
	-10807 Jan 26 j 21:16	0°♏	
	-10807 Feb 20 j 14:16	0°♐	
morning set	-10807 Mar 07 j 00:17	17°♐39'36	
	-10807 Mar 17 j 00:42	0°♑	
max. Earth dist.	-10807 Apr 06 j 17:13	25°♑37'53	1.72563 AU
	-10807 Apr 10 j 05:30	0°♒	
superior conj	-10807 Apr 11 j 02:22	1°♒04'59	-0°34'19
minimum elong	-10807 Apr 11 j 08:26	1°♒23'51	0°34'37
asc. node	-10807 Apr 26 j 08:57	20°♒08'04	
	-10807 May 04 j 06:21	0°♓	
evening rise	-10807 May 17 j 02:49	16°♓05'45	
	-10807 May 28 j 05:04	0°♈	
	-10807 Jun 21 j 03:33	0°♉	
	-10807 Jul 15 j 03:59	0°♊	
	-10807 Aug 08 j 08:49	0°♋	
desc. node	-10807 Aug 17 j 13:25	11°♋18'35	
	-10807 Sep 01 j 20:48	0°♌	
	-10807 Sep 26 j 20:17	0°♍	
	-10807 Oct 22 j 17:24	0°♎	
	-10807 Nov 19 j 19:36	0°♏	
evening max el	-10807 Nov 20 j 12:49	0°♏42'25	45°22'43
asc. node	-10807 Dec 07 j 04:32	15°♏48'23	
greatest brilliancy	-10807 Dec 28 j 01:35	28°♏53'03	-4.7m
	-10807 Dec 31 j 09:33	0°♐	
retrograde	-10806 Jan 08 j 05:27	1°♐08'41	
	-10806 Jan 15 j 18:22	30°℞♏	
evening set	-10806 Jan 25 j 16:56	25°♏18'53	
inferior conj	-10806 Jan 29 j 15:49	22°♏51'31	8°03'12
minimum elong	-10806 Jan 29 j 14:07	22°♏54'13	8°02'42
min. Earth dist.	-10806 Jan 30 j 03:23	22°♏33'14	0.29597 AU
morning rise	-10806 Feb 02 j 11:13	20°♏28'56	
direct	-10806 Feb 20 j 15:55	14°♏18'19	
greatest brilliancy	-10806 Mar 02 j 20:54	16°♏10'17	-4.7m
	-10806 Mar 25 j 15:55	0°♐	
desc. node	-10806 Mar 30 j 13:00	4°♐03'51	
morning max el	-10806 Apr 11 j 00:04	14°♐33'15	46°12'37
	-10806 Apr 26 j 05:44	0°♑	
	-10806 May 23 j 05:17	0°♒	
	-10806 Jun 17 j 12:18	0°♓	
	-10806 Jul 11 j 22:40	0°♈	
asc. node	-10806 Jul 19 j 23:09	9°♈59'06	
	-10806 Aug 04 j 22:35	0°♉	
	-10806 Aug 28 j 19:03	0°♊	
	-10806 Sep 21 j 17:02	0°♋	
morning set	-10806 Oct 14 j 05:47	28°♋03'56	
	-10806 Oct 15 j 19:13	0°♌	
	-10806 Nov 09 j 01:54	0°♍	
desc. node	-10806 Nov 10 j 00:18	1°♍09'00	
superior conj	-10806 Nov 24 j 14:37	19°♍06'14	-0°32'00
minimum elong	-10806 Nov 24 j 07:36	18°♍44'40	0°31'32
max. Earth dist.	-10806 Nov 26 j 14:40	21°♍33'50	1.73305 AU
	-10806 Dec 03 j 11:32	0°♎	
	-10806 Dec 27 j 22:19	0°♏	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

evening rise	-10805 Jan 01 j 19:46	6°♏00'11		
	-10805 Jan 21 j 09:34	0°♐		
greatest brilliancy	-10805 Jan 29 j 16:58	10°♐10'32	-3.9m	
	-10805 Feb 14 j 22:20	0°♑		
asc. node	-10805 Mar 01 j 10:29	17°♑39'57		
	-10805 Mar 11 j 14:37	0°♒		
	-10805 Apr 05 j 12:35	0°♓		
	-10805 Apr 30 j 18:56	0°♈		
	-10805 May 26 j 15:58	0°♉		
desc. node	-10805 Jun 22 j 18:24	29°♉48'24		
	-10805 Jun 22 j 22:50	0°♊		
evening max el	-10805 Jun 29 j 16:30	6°♊56'19	47°48'52	
	-10805 Jul 25 j 11:48	0°♋		
greatest brilliancy	-10805 Aug 10 j 07:14	8°♋51'28	-4.9m	
retrograde	-10805 Aug 19 j 18:44	10°♋35'28		
evening set	-10805 Sep 05 j 11:35	5°♋00'28		
min. Earth dist.	-10805 Sep 08 j 23:50	2°♋50'09	0.27020 AU	
inferior conj	-10805 Sep 09 j 12:13	2°♋30'41	-7°01'42	
minimum elong	-10805 Sep 09 j 21:55	2°♋15'27	6°59'15	
	-10805 Sep 13 j 14:23	30°℞♊		
morning rise	-10805 Sep 14 j 08:39	29°♊33'30		
direct	-10805 Sep 29 j 19:20	24°♊45'11		
greatest brilliancy	-10805 Oct 09 j 06:48	26°♊29'37	-4.9m	
asc. node	-10805 Oct 12 j 09:37	27°♊44'22		
	-10805 Oct 16 j 20:59	0°♋		
morning max el	-10805 Nov 18 j 11:51	26°♋43'41	46°12'29	
	-10805 Nov 21 j 18:50	0°♌		
	-10805 Dec 20 j 01:53	0°♍		
	-10804 Jan 15 j 18:19	0°♎		
desc. node	-10804 Feb 02 j 14:44	20°♎35'55		
	-10804 Feb 10 j 15:46	0°♏		
	-10804 Mar 06 j 22:43	0°♐		
	-10804 Mar 31 j 17:06	0°♑		
	-10804 Apr 25 j 01:07	0°♒		
morning set	-10804 May 12 j 19:53	22°♒11'00		
	-10804 May 19 j 01:30	0°♓		
asc. node	-10804 May 23 j 22:07	6°♓06'11		
	-10804 Jun 11 j 21:10	0°♈		
max. Earth dist.	-10804 Jun 18 j 05:14	8°♈00'10	1.70907 AU	
superior conj	-10804 Jun 19 j 11:10	9°♈34'43	0°56'28	
minimum elong	-10804 Jun 19 j 01:26	9°♈04'00	0°56'09	
	-10804 Jul 05 j 14:56	0°♉		
	-10804 Jul 29 j 09:34	0°♊		
evening rise	-10804 Jul 29 j 14:26	0°♊15'20		
	-10804 Aug 22 j 07:22	0°♋		
desc. node	-10804 Sep 14 j 01:05	28°♋18'11		
	-10804 Sep 15 j 09:57	0°♌		
	-10804 Oct 09 j 18:18	0°♍		
	-10804 Nov 03 j 09:45	0°♎		
	-10804 Nov 28 j 12:25	0°♏		
	-10804 Dec 24 j 12:33	0°♐		
asc. node	-10803 Jan 03 j 14:44	11°♐10'33		
	-10803 Jan 21 j 12:18	0°♑		
evening max el	-10803 Jan 30 j 17:20	9°♑00'08	44°55'17	
	-10803 Feb 25 j 16:25	0°♒		
greatest brilliancy	-10803 Mar 09 j 17:13	5°♒55'34	-4.7m	
retrograde	-10803 Mar 19 j 17:05	7°♒41'03		
evening set	-10803 Apr 04 j 05:21	3°♒15'13		
inferior conj	-10803 Apr 09 j 21:50	29°♑57'56	3°51'06	
minimum elong	-10803 Apr 10 j 05:29	29°♑46'25	3°48'36	
	-10803 Apr 09 j 20:28	30°℞♑		
min. Earth dist.	-10803 Apr 11 j 03:17	29°♑13'34	0.27944 AU	
morning rise	-10803 Apr 16 j 04:32	26°♑18'52		
desc. node	-10803 Apr 26 j 23:56	22°♑18'45		
direct	-10803 May 01 j 10:50	21°♑55'34		
greatest brilliancy	-10803 May 13 j 04:35	24°♑23'35	-4.8m	
	-10803 May 23 j 15:39	0°♒		
morning max el	-10803 Jun 20 j 16:41	24°♒02'18	46°37'51	
	-10803 Jun 26 j 12:16	0°♓		
	-10803 Jul 23 j 13:04	0°♈		
asc. node	-10803 Aug 16 j 12:21	28°♈29'00		
	-10803 Aug 17 j 18:25	0°♉		
	-10803 Sep 11 j 06:59	0°♊		
	-10803 Oct 05 j 14:55	0°♋		
	-10803 Oct 30 j 00:19	0°♌		
	-10803 Nov 23 j 13:01	0°♍		
desc. node	-10803 Dec 07 j 13:55	17°♍06'50		
	-10803 Dec 18 j 03:41	0°♎		
morning set	-10803 Dec 27 j 01:15	10°♎51'03		
	-10802 Jan 11 j 17:42	0°♏		
max. Earth dist.	-10802 Jan 29 j 23:07	22°♏19'29	1.73767 AU	
superior conj	-10802 Feb 02 j 00:28	26°♏04'31	-1°20'46	
minimum elong	-10802 Feb 02 j 00:29	26°♏04'35	1°21'15	
	-10802 Feb 05 j 05:10	0°♐		
	-10802 Mar 01 j 13:52	0°♑		
evening rise	-10802 Mar 09 j 05:09	9°♑25'25		
	-10802 Mar 25 j 20:53	0°♒		
asc. node	-10802 Mar 28 j 22:24	3°♒47'07		
	-10802 Apr 19 j 03:39	0°♓		
	-10802 May 13 j 11:26	0°♈		
	-10802 Jun 06 j 21:49	0°♉		
	-10802 Jul 01 j 13:49	0°♊		
desc. node	-10802 Jul 20 j 04:44	22°♊17'40		
	-10802 Jul 26 j 17:24	0°♋		
	-10802 Aug 21 j 21:46	0°♌		
evening max el	-10802 Sep 08 j 16:45	19°♌00'08	47°08'12	
	-10802 Sep 19 j 22:45	0°♍		
greatest brilliancy	-10802 Oct 18 j 17:34	20°♍28'51	-4.8m	
retrograde	-10802 Oct 29 j 13:25	22°♍44'02		
asc. node	-10802 Nov 08 j 20:23	20°♍31'00		
evening set	-10802 Nov 13 j 12:33	18°♍10'17		
min. Earth dist.	-10802 Nov 19 j 01:44	14°♍44'03	0.28571 AU	
inferior conj	-10802 Nov 19 j 17:01	14°♍19'17	2°30'19	
minimum elong	-10802 Nov 19 j 12:04	14°♍27'18	2°29'09	
morning rise	-10802 Nov 25 j 12:16	10°♍42'24		
direct	-10802 Dec 10 j 20:40	6°♍01'21		
greatest brilliancy	-10802 Dec 19 j 19:53	7°♍30'19	-4.7m	
	-10801 Jan 22 j 09:15	0°♎		
morning max el	-10801 Jan 28 j 13:03	5°♎40'58	45°58'08	
	-10801 Feb 21 j 14:08	0°♏		
desc. node	-10801 Mar 02 j 03:27	9°♏13'43		
	-10801 Mar 20 j 17:38	0°♐		
	-10801 Apr 15 j 11:14	0°♑		
	-10801 May 10 j 07:43	0°♒		
	-10801 Jun 03 j 14:08	0°♓		
asc. node	-10801 Jun 21 j 11:49	22°♓26'31		
greatest brilliancy	-10801 Jun 24 j 15:28	26°♓24'43	-3.9m	
	-10801 Jun 27 j 11:45	0°♈		
	-10801 Jul 21 j 05:03	0°♉		
morning set	-10801 Jul 25 j 16:26	5°♉39'58		
	-10801 Aug 13 j 22:01	0°♊		
superior conj	-10801 Sep 05 j 11:39	28°♊25'18	1°10'40	
minimum elong	-10801 Sep 05 j 22:26	28°♊59'09	1°10'59	
	-10801 Sep 06 j 17:50	0°♋		
max. Earth dist.	-10801 Sep 12 j 15:43	7°♋24'28	1.71372 AU	
	-10801 Sep 30 j 18:15	0°♌		
desc. node	-10801 Oct 12 j 13:21	14°♌38'39		
evening rise	-10801 Oct 18 j 19:20	22°♌22'42		
	-10801 Oct 24 j 23:22	0°♍		
	-10801 Nov 18 j 08:25	0°♎		
	-10801 Dec 12 j 21:16	0°♏		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10800 Jan 06 j 15:52	0°♐		
	-10800 Jan 31 j 20:40	0°♑		
asc. node	-10800 Feb 01 j 01:30	0°♑14'14		
	-10800 Feb 26 j 18:53	0°♒		
	-10800 Mar 25 j 00:17	0°♓		
evening max el	-10800 Apr 13 j 15:22	19°♓58'52	46°15'03	
	-10800 Apr 24 j 11:49	0°♈		
greatest brilliancy	-10800 May 23 j 19:32	19°♈17'42	-4.9m	
desc. node	-10800 May 24 j 10:33	19°♈30'06		
retrograde	-10800 Jun 02 j 12:03	21°♈01'00		
evening set	-10800 Jun 17 j 23:51	16°♈27'38		
inferior conj	-10800 Jun 23 j 06:16	13°♈25'46	-6°34'07	
minimum elong	-10800 Jun 22 j 19:51	13°♈41'14	6°31'53	
min. Earth dist.	-10800 Jun 22 j 21:12	13°♈39'14	0.26484 AU	
morning rise	-10800 Jun 27 j 15:45	10°♈52'37		
direct	-10800 Jul 13 j 15:54	5°♈56'21		
greatest brilliancy	-10800 Jul 24 j 06:14	8°♈03'20	-4.9m	
	-10800 Aug 23 j 20:39	0°♉		
morning max el	-10800 Sep 02 j 07:09	9°♉17'56	46°38'41	
asc. node	-10800 Sep 13 j 00:35	20°♉36'22		
	-10800 Sep 21 j 13:27	0°♊		
	-10800 Oct 17 j 16:39	0°♋		
	-10800 Nov 12 j 02:30	0°♌		
	-10800 Dec 07 j 07:29	0°♍		
	-10799 Jan 01 j 10:00	0°♎		
desc. node	-10799 Jan 04 j 03:33	3°♎16'23		
	-10799 Jan 26 j 08:36	0°♏		
	-10799 Feb 20 j 01:19	0°♐		
morning set	-10799 Mar 04 j 19:54	15°♐38'45		
	-10799 Mar 16 j 11:38	0°♑		
max. Earth dist.	-10799 Apr 04 j 13:17	23°♑37'03	1.72622 AU	
superior conj	-10799 Apr 08 j 21:35	29°♑01'19	-0°37'01	
minimum elong	-10799 Apr 09 j 03:59	29°♑21'12	0°37'17	
	-10799 Apr 09 j 16:27	0°♒		
asc. node	-10799 Apr 25 j 11:06	19°♒40'22		
	-10799 May 03 j 17:26	0°♓		
evening rise	-10799 May 14 j 20:06	13°♓54'30		
	-10799 May 27 j 16:21	0°♈		
	-10799 Jun 20 j 15:06	0°♉		
	-10799 Jul 14 j 15:50	0°♊		
	-10799 Aug 07 j 21:00	0°♋		
desc. node	-10799 Aug 16 j 15:38	10°♋47'33		
	-10799 Sep 01 j 09:29	0°♌		
	-10799 Sep 26 j 09:53	0°♍		
	-10799 Oct 22 j 09:01	0°♎		
evening max el	-10799 Nov 18 j 05:38	28°♎32'43	45°25'29	
	-10799 Nov 19 j 17:18	0°♏		
asc. node	-10799 Dec 06 j 06:53	14°♏47'29		
greatest brilliancy	-10799 Dec 25 j 18:27	26°♏46'56	-4.7m	
retrograde	-10798 Jan 05 j 23:06	29°♏03'06		
evening set	-10798 Jan 23 j 09:10	23°♏14'45		
inferior conj	-10798 Jan 27 j 09:11	20°♏45'11	8°01'16	
minimum elong	-10798 Jan 27 j 06:52	20°♏48'52	8°00'45	
min. Earth dist.	-10798 Jan 27 j 19:04	20°♏29'32	0.29605 AU	
morning rise	-10798 Jan 31 j 04:33	18°♏22'23		
direct	-10798 Feb 18 j 09:36	12°♏12'01		
greatest brilliancy	-10798 Feb 28 j 11:26	14°♏01'27	-4.7m	
	-10798 Mar 25 j 23:03	0°♐		
desc. node	-10798 Mar 29 j 15:01	3°♐08'01		
morning max el	-10798 Apr 08 j 16:32	12°♐24'05	46°11'42	
	-10798 Apr 25 j 23:25	0°♑		
	-10798 May 22 j 19:37	0°♒		
	-10798 Jun 17 j 01:14	0°♓		
	-10798 Jul 11 j 10:55	0°♈		
asc. node	-10798 Jul 19 j 01:25	9°♈28'24		
	-10798 Aug 04 j 10:28	0°♉		
	-10798 Aug 28 j 06:42	0°♊		
	-10798 Sep 21 j 04:29	0°♋		
morning set	-10798 Oct 11 j 16:13	25°♋32'21		
	-10798 Oct 15 j 06:29	0°♌		
	-10798 Nov 08 j 13:00	0°♍		
desc. node	-10798 Nov 09 j 02:29	0°♍41'33		
superior conj	-10798 Nov 22 j 03:50	16°♍45'22	-0°28'48	
minimum elong	-10798 Nov 21 j 21:22	16°♍25'31	0°28'20	
max. Earth dist.	-10798 Nov 24 j 12:24	19°♍39'12	1.73258 AU	
	-10798 Dec 02 j 22:32	0°♎		
	-10798 Dec 27 j 09:18	0°♏		
evening rise	-10798 Dec 30 j 13:24	3°♏53'24		
	-10797 Jan 20 j 20:38	0°♐		
greatest brilliancy	-10797 Feb 01 j 15:35	14°♐25'47	-3.9m	
	-10797 Feb 14 j 09:39	0°♑		
asc. node	-10797 Feb 28 j 12:40	17°♑11'28		
	-10797 Mar 11 j 02:24	0°♒		
	-10797 Apr 05 j 01:09	0°♓		
	-10797 Apr 30 j 08:48	0°♈		
	-10797 May 26 j 08:06	0°♉		
desc. node	-10797 Jun 21 j 20:41	28°♉59'03		
	-10797 Jun 22 j 20:10	0°♊		
evening max el	-10797 Jun 27 j 07:25	4°♊34'10	47°47'23	
	-10797 Jul 26 j 13:21	0°♋		
greatest brilliancy	-10797 Aug 07 j 21:41	6°♋25'06	-4.9m	
retrograde	-10797 Aug 17 j 08:20	8°♋07'54		
evening set	-10797 Sep 03 j 04:18	2°♋29'26		
min. Earth dist.	-10797 Sep 06 j 13:22	0°♋23'55	0.26982 AU	
inferior conj	-10797 Sep 07 j 01:46	0°♋04'23	-7°15'28	
minimum elong	-10797 Sep 07 j 11:16	29°♊49'28	7°13'10	
	-10797 Sep 07 j 04:34	30°℞♊		
morning rise	-10797 Sep 11 j 18:37	27°♊12'23		
direct	-10797 Sep 27 j 08:41	22°♊20'11		
greatest brilliancy	-10797 Oct 06 j 20:25	24°♊04'40	-4.9m	
asc. node	-10797 Oct 11 j 11:48	26°♊02'19		
	-10797 Oct 18 j 09:44	0°♋		
morning max el	-10797 Nov 16 j 01:22	24°♋21'59	46°13'21	
	-10797 Nov 21 j 16:14	0°♌		
	-10797 Dec 19 j 17:37	0°♍		
	-10796 Jan 15 j 07:45	0°♎		
desc. node	-10796 Feb 01 j 16:54	20°♎05'39		
	-10796 Feb 10 j 04:01	0°♏		
	-10796 Mar 06 j 10:18	0°♐		
	-10796 Mar 31 j 04:18	0°♑		
	-10796 Apr 24 j 12:07	0°♒		
morning set	-10796 May 10 j 13:20	20°♒01'03		
	-10796 May 18 j 12:27	0°♓		
asc. node	-10796 May 23 j 00:25	5°♓39'00		
	-10796 Jun 11 j 08:09	0°♈		
max. Earth dist.	-10796 Jun 15 j 12:00	5°♈15'12	1.70946 AU	
superior conj	-10796 Jun 17 j 01:22	7°♈13'13	0°53'50	
minimum elong	-10796 Jun 16 j 15:49	6°♈43'05	0°53'30	
	-10796 Jul 05 j 02:02	0°♉		
evening rise	-10796 Jul 26 j 23:55	27°♉38'52		
	-10796 Jul 28 j 20:46	0°♊		
	-10796 Aug 21 j 18:41	0°♋		
desc. node	-10796 Sep 13 j 03:08	27°♋48'59		
	-10796 Sep 14 j 21:27	0°♌		
	-10796 Oct 09 j 06:01	0°♍		
	-10796 Nov 02 j 21:53	0°♎		
	-10796 Nov 28 j 01:21	0°♏		
	-10796 Dec 24 j 03:21	0°♐		
asc. node	-10795 Jan 02 j 17:06	10°♐33'14		
	-10795 Jan 21 j 08:17	0°♑		
evening max el	-10795 Jan 28 j 06:50	6°♑44'11	44°54'20	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10795 Feb 27 j 01:31	0°♒		
greatest brilliancy	-10795 Mar 07 j 07:02	3°♒41'44	-4.7m	
retrograde	-10795 Mar 17 j 06:59	5°♒27'43		
evening set	-10795 Apr 01 j 22:00	0°♒57'46		
	-10795 Apr 03 j 15:47	30°℞♑		
inferior conj	-10795 Apr 07 j 12:19	27°♑43'25	4°08'56	
minimum elong	-10795 Apr 07 j 20:22	27°♑31'16	4°06'21	
min. Earth dist.	-10795 Apr 08 j 18:45	26°♑57'33	0.28024 AU	
morning rise	-10795 Apr 13 j 17:36	24°♑05'53		
desc. node	-10795 Apr 26 j 02:14	19°♑49'31		
direct	-10795 Apr 29 j 01:34	19°♑39'12		
greatest brilliancy	-10795 May 10 j 20:34	22°♑08'00	-4.8m	
	-10795 May 24 j 14:54	0°♒		
morning max el	-10795 Jun 18 j 07:02	21°♒41'24	46°37'24	
	-10795 Jun 26 j 08:27	0°♓		
	-10795 Jul 23 j 04:31	0°♈		
asc. node	-10795 Aug 15 j 14:30	27°♈54'13		
	-10795 Aug 17 j 07:58	0°♉		
	-10795 Sep 10 j 19:34	0°♊		
	-10795 Oct 05 j 02:54	0°♋		
	-10795 Oct 29 j 11:55	0°♌		
	-10795 Nov 23 j 00:19	0°♍		
desc. node	-10795 Dec 06 j 16:07	16°♍39'37		
	-10795 Dec 17 j 14:44	0°♎		
morning set	-10795 Dec 24 j 17:03	8°♎39'20		
	-10794 Jan 11 j 04:33	0°♏		
max. Earth dist.	-10794 Jan 27 j 19:40	20°♏22'15	1.73781 AU	
superior conj	-10794 Jan 30 j 19:33	24°♏02'46	-1°20'44	
minimum elong	-10794 Jan 30 j 18:59	24°♏01'03	1°21'12	
	-10794 Feb 04 j 15:55	0°♐		
	-10794 Mar 01 j 00:40	0°♑		
evening rise	-10794 Mar 07 j 01:03	7°♑25'16		
	-10794 Mar 25 j 07:53	0°♒		
asc. node	-10794 Mar 28 j 00:35	3°♒19'47		
	-10794 Apr 18 j 14:59	0°♓		
	-10794 May 12 j 23:13	0°♈		
	-10794 Jun 06 j 10:10	0°♉		
	-10794 Jul 01 j 02:58	0°♊		
desc. node	-10794 Jul 19 j 06:58	21°♊42'33		
	-10794 Jul 26 j 07:55	0°♋		
	-10794 Aug 21 j 15:11	0°♌		
evening max el	-10794 Sep 06 j 07:53	16°♌41'47	47°11'33	
	-10794 Sep 20 j 02:02	0°♍		
greatest brilliancy	-10794 Oct 16 j 11:26	18°♍16'50	-4.8m	
retrograde	-10794 Oct 27 j 06:35	20°♍31'48		
asc. node	-10794 Nov 07 j 22:45	17°♍40'49		
evening set	-10794 Nov 11 j 04:56	15°♍58'20		
inferior conj	-10794 Nov 17 j 09:47	12°♍07'08	2°11'45	
minimum elong	-10794 Nov 17 j 05:23	12°♍14'15	2°10'45	
min. Earth dist.	-10794 Nov 16 j 18:22	12°♍32'04	0.28513 AU	
morning rise	-10794 Nov 23 j 06:32	8°♍28'27		
direct	-10794 Dec 08 j 12:15	3°♍49'58		
greatest brilliancy	-10794 Dec 17 j 12:07	5°♍19'45	-4.7m	
	-10793 Jan 22 j 10:09	0°♎		
morning max el	-10793 Jan 26 j 05:36	3°♎33'07	45°58'13	
	-10793 Feb 21 j 06:28	0°♏		
desc. node	-10793 Mar 01 j 05:29	8°♏37'31		
	-10793 Mar 20 j 07:12	0°♐		
	-10793 Apr 14 j 23:34	0°♑		
	-10793 May 09 j 19:25	0°♒		
	-10793 Jun 03 j 01:32	0°♓		
asc. node	-10793 Jun 20 j 14:00	21°♓57'55		
greatest brilliancy	-10793 Jun 24 j 22:26	27°♓26'50	-3.9m	
	-10793 Jun 26 j 23:01	0°♈		
	-10793 Jul 20 j 16:15	0°♉		
morning set	-10793 Jul 23 j 03:14	3°♉06'46		
	-10793 Aug 13 j 09:11	0°♊		
superior conj	-10793 Sep 02 j 20:05	25°♊46'06	1°12'41	
minimum elong	-10793 Sep 03 j 06:19	26°♊18'13	1°13'03	
	-10793 Sep 06 j 04:59	0°♋		
max. Earth dist.	-10793 Sep 09 j 21:05	4°♋36'10	1.71310 AU	
	-10793 Sep 30 j 05:22	0°♌		
desc. node	-10793 Oct 11 j 15:36	14°♌11'13		
evening rise	-10793 Oct 16 j 05:18	19°♌50'47		
	-10793 Oct 24 j 10:29	0°♍		
	-10793 Nov 17 j 19:35	0°♎		
	-10793 Dec 12 j 08:38	0°♏		
	-10792 Jan 06 j 03:42	0°♐		
asc. node	-10792 Jan 31 j 03:39	29°♐43'06		
	-10792 Jan 31 j 09:24	0°♑		
	-10792 Feb 26 j 09:24	0°♒		
	-10792 Mar 24 j 18:42	0°♓		
evening max el	-10792 Apr 11 j 05:17	17°♓38'39	46°11'17	
	-10792 Apr 24 j 19:37	0°♈		
greatest brilliancy	-10792 May 21 j 05:42	16°♈47'26	-4.9m	
desc. node	-10792 May 23 j 12:49	17°♈29'30		
retrograde	-10792 May 31 j 00:11	18°♈31'44		
evening set	-10792 Jun 15 j 07:53	14°♈03'31		
inferior conj	-10792 Jun 20 j 17:52	10°♈56'50	-6°17'17	
minimum elong	-10792 Jun 20 j 07:25	11°♈12'20	6°14'57	
min. Earth dist.	-10792 Jun 20 j 09:20	11°♈09'29	0.26496 AU	
morning rise	-10792 Jun 25 j 06:54	8°♈19'02		
direct	-10792 Jul 11 j 04:52	3°♈27'16		
greatest brilliancy	-10792 Jul 21 j 19:09	5°♈34'29	-4.9m	
	-10792 Aug 23 j 23:41	0°♉		
morning max el	-10792 Aug 30 j 20:42	6°♉51'08	46°39'16	
asc. node	-10792 Sep 12 j 02:42	19°♉49'12		
	-10792 Sep 21 j 07:08	0°♊		
	-10792 Oct 17 j 07:16	0°♋		
	-10792 Nov 11 j 15:36	0°♌		
	-10792 Dec 06 j 19:39	0°♍		
	-10792 Dec 31 j 21:35	0°♎		
desc. node	-10791 Jan 03 j 05:40	2°♎48'07		
	-10791 Jan 25 j 19:48	0°♏		
	-10791 Feb 19 j 12:18	0°♐		
morning set	-10791 Mar 02 j 15:25	13°♐37'49		
	-10791 Mar 15 j 22:31	0°♑		
max. Earth dist.	-10791 Apr 02 j 07:22	21°♑30'26	1.72677 AU	
superior conj	-10791 Apr 06 j 16:46	26°♑57'51	-0°39'38	
minimum elong	-10791 Apr 06 j 23:27	27°♑18'37	0°39'55	
	-10791 Apr 09 j 03:20	0°♒		
asc. node	-10791 Apr 24 j 13:23	19°♒13'22		
	-10791 May 03 j 04:25	0°♓		
evening rise	-10791 May 12 j 13:23	11°♓43'39		
	-10791 May 27 j 03:32	0°♈		
	-10791 Jun 20 j 02:34	0°♉		
	-10791 Jul 14 j 03:38	0°♊		
	-10791 Aug 07 j 09:12	0°♋		
desc. node	-10791 Aug 15 j 17:45	10°♋16'06		
	-10791 Aug 31 j 22:13	0°♌		
	-10791 Sep 25 j 23:34	0°♍		
	-10791 Oct 22 j 00:49	0°♎		
evening max el	-10791 Nov 15 j 22:00	26°♎21'51	45°28'20	
	-10791 Nov 19 j 15:46	0°♏		
asc. node	-10791 Dec 05 j 09:09	13°♏45'10		
greatest brilliancy	-10791 Dec 23 j 11:51	24°♏41'37	-4.7m	
retrograde	-10790 Jan 03 j 16:19	26°♏57'45		
evening set	-10790 Jan 21 j 01:16	21°♏11'17		
inferior conj	-10790 Jan 25 j 02:39	18°♏39'12	7°58'43	
minimum elong	-10790 Jan 24 j 23:42	18°♏43'54	7°58'11	
min. Earth dist.	-10790 Jan 25 j 11:06	18°♏25'46	0.29611 AU	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning rise	-10790 Jan 28 j 22:07	16°♏15'48		
direct	-10790 Feb 16 j 03:04	10°♏06'04		
greatest brilliancy	-10790 Feb 26 j 02:23	11°♏53'09	-4.7m	
	-10790 Mar 26 j 04:08	0°♐		
desc. node	-10790 Mar 28 j 17:21	2°♐13'53		
morning max el	-10790 Apr 06 j 08:18	10°♐13'06	46°10'45	
	-10790 Apr 25 j 16:48	0°♑		
	-10790 May 22 j 09:52	0°♒		
	-10790 Jun 16 j 14:08	0°♓		
	-10790 Jul 10 j 23:07	0°♈		
asc. node	-10790 Jul 18 j 03:33	8°♈57'19		
	-10790 Aug 03 j 22:18	0°♉		
	-10790 Aug 27 j 18:20	0°♊		
	-10790 Sep 20 j 15:57	0°♋		
morning set	-10790 Oct 09 j 02:29	22°♋59'52		
	-10790 Oct 14 j 17:49	0°♌		
desc. node	-10790 Nov 08 j 04:42	0°♍13'51		
	-10790 Nov 08 j 00:12	0°♍		
superior conj	-10790 Nov 19 j 16:52	14°♍23'38	-0°25'32	
minimum elong	-10790 Nov 19 j 11:02	14°♍05'40	0°25'02	
max. Earth dist.	-10790 Nov 22 j 09:27	17°♍42'11	1.73205 AU	
	-10790 Dec 02 j 09:38	0°♎		
	-10790 Dec 26 j 20:21	0°♏		
evening rise	-10790 Dec 28 j 06:54	1°♏45'58		
	-10789 Jan 20 j 07:47	0°♐		
	-10789 Feb 13 j 21:04	0°♑		
asc. node	-10789 Feb 27 j 14:52	16°♑42'38		
	-10789 Mar 10 j 14:20	0°♒		
	-10789 Apr 04 j 13:58	0°♓		
	-10789 Apr 29 j 22:59	0°♈		
	-10789 May 26 j 00:42	0°♉		
desc. node	-10789 Jun 20 j 22:54	28°♉08'10		
	-10789 Jun 22 j 18:30	0°♊		
evening max el	-10789 Jun 24 j 21:09	2°♊08'30	47°45'52	
	-10789 Jul 28 j 01:27	0°♋		
greatest brilliancy	-10789 Aug 05 j 12:27	3°♋58'27	-4.9m	
retrograde	-10789 Aug 14 j 21:22	5°♋39'42		
evening set	-10789 Aug 31 j 20:52	29°♊57'44		
	-10789 Aug 31 j 19:22	30°℞♊		
min. Earth dist.	-10789 Sep 04 j 03:02	27°♊56'41	0.26947 AU	
inferior conj	-10789 Sep 04 j 15:16	27°♊37'27	-7°28'27	
minimum elong	-10789 Sep 05 j 00:27	27°♊23'00	7°26'18	
morning rise	-10789 Sep 09 j 04:23	24°♊50'48		
direct	-10789 Sep 24 j 21:31	19°♊54'18		
greatest brilliancy	-10789 Oct 04 j 10:28	21°♊39'27	-4.9m	
asc. node	-10789 Oct 10 j 14:14	24°♊23'41		
	-10789 Oct 19 j 12:02	0°♋		
morning max el	-10789 Nov 13 j 14:19	21°♋57'53	46°14'14	
	-10789 Nov 21 j 13:09	0°♌		
	-10789 Dec 19 j 09:21	0°♍		
	-10788 Jan 14 j 21:19	0°♎		
desc. node	-10788 Jan 31 j 18:57	19°♎34'33		
	-10788 Feb 09 j 16:25	0°♏		
	-10788 Mar 05 j 22:02	0°♐		
	-10788 Mar 30 j 15:40	0°♑		
	-10788 Apr 23 j 23:20	0°♒		
morning set	-10788 May 08 j 06:45	17°♒50'19		
	-10788 May 17 j 23:39	0°♓		
asc. node	-10788 May 22 j 02:35	5°♓10'40		
	-10788 Jun 10 j 19:25	0°♈		
max. Earth dist.	-10788 Jun 12 j 20:43	2°♈35'36	1.70990 AU	
superior conj	-10788 Jun 14 j 15:26	4°♈50'28	0°51'05	
minimum elong	-10788 Jun 14 j 06:09	4°♈21'11	0°50'44	
	-10788 Jul 04 j 13:23	0°♉		
evening rise	-10788 Jul 24 j 09:23	25°♉01'32		
	-10788 Jul 28 j 08:13	0°♊		
	-10788 Aug 21 j 06:16	0°♋		
desc. node	-10788 Sep 12 j 05:24	27°♋19'39		
	-10788 Sep 14 j 09:12	0°♌		
	-10788 Oct 08 j 18:01	0°♍		
	-10788 Nov 02 j 10:19	0°♎		
	-10788 Nov 27 j 14:41	0°♏		
	-10788 Dec 23 j 18:40	0°♐		
asc. node	-10787 Jan 01 j 19:20	9°♐54'24		
	-10787 Jan 21 j 05:14	0°♑		
evening max el	-10787 Jan 25 j 20:50	4°♑28'52	44°53'39	
	-10787 Mar 01 j 03:38	0°♒		
greatest brilliancy	-10787 Mar 04 j 20:13	1°♒26'55	-4.7m	
retrograde	-10787 Mar 14 j 21:26	3°♒14'11		
	-10787 Mar 27 j 23:43	30°℞♑		
evening set	-10787 Mar 30 j 14:48	28°♑39'56		
inferior conj	-10787 Apr 05 j 02:53	25°♑28'31	4°26'02	
minimum elong	-10787 Apr 05 j 11:17	25°♑15'52	4°23'26	
min. Earth dist.	-10787 Apr 06 j 09:54	24°♑41'47	0.28105 AU	
morning rise	-10787 Apr 11 j 06:40	21°♑52'57		
desc. node	-10787 Apr 25 j 04:28	17°♑25'10		
direct	-10787 Apr 26 j 16:45	17°♑22'30		
greatest brilliancy	-10787 May 08 j 12:15	19°♑51'51	-4.8m	
	-10787 May 25 j 08:31	0°♒		
morning max el	-10787 Jun 15 j 22:24	19°♒22'23	46°36'44	
	-10787 Jun 26 j 04:24	0°♓		
	-10787 Jul 22 j 20:08	0°♈		
asc. node	-10787 Aug 14 j 16:40	27°♈18'33		
	-10787 Aug 16 j 21:48	0°♉		
	-10787 Sep 10 j 08:27	0°♊		
	-10787 Oct 04 j 15:13	0°♋		
	-10787 Oct 28 j 23:49	0°♌		
	-10787 Nov 22 j 11:55	0°♍		
desc. node	-10787 Dec 05 j 18:09	16°♍10'55		
	-10787 Dec 17 j 02:05	0°♎		
morning set	-10787 Dec 22 j 08:29	6°♎25'32		
	-10786 Jan 10 j 15:43	0°♏		
max. Earth dist.	-10786 Jan 25 j 17:08	18°♏26'48	1.73793 AU	
superior conj	-10786 Jan 28 j 14:28	21°♏59'29	-1°20'37	
minimum elong	-10786 Jan 28 j 13:19	21°♏55'57	1°21'02	
	-10786 Feb 04 j 03:00	0°♐		
	-10786 Feb 28 j 11:47	0°♑		
evening rise	-10786 Mar 04 j 20:58	5°♑24'20		
	-10786 Mar 24 j 19:11	0°♒		
asc. node	-10786 Mar 27 j 02:56	2°♒52'05		
	-10786 Apr 18 j 02:37	0°♓		
	-10786 May 12 j 11:18	0°♈		
	-10786 Jun 05 j 22:52	0°♉		
	-10786 Jun 30 j 16:35	0°♊		
desc. node	-10786 Jul 18 j 09:06	21°♊05'40		
	-10786 Jul 25 j 23:02	0°♋		
	-10786 Aug 21 j 09:30	0°♌		
evening max el	-10786 Sep 03 j 23:54	14°♌24'15	47°14'54	
	-10786 Sep 20 j 07:48	0°♍		
greatest brilliancy	-10786 Oct 14 j 04:52	16°♍02'27	-4.8m	
retrograde	-10786 Oct 25 j 00:01	18°♍17'24		
asc. node	-10786 Nov 07 j 00:58	14°♍44'34		
evening set	-10786 Nov 08 j 21:17	13°♍44'08		
min. Earth dist.	-10786 Nov 14 j 10:30	10°♍18'18	0.28452 AU	
inferior conj	-10786 Nov 15 j 02:17	9°♍52'50	1°52'50	
minimum elong	-10786 Nov 14 j 22:29	9°♍58'59	1°52'00	
morning rise	-10786 Nov 21 j 00:28	6°♍12'35		
direct	-10786 Dec 06 j 03:58	1°♍36'36		
greatest brilliancy	-10786 Dec 15 j 03:35	3°♍06'39	-4.7m	
	-10785 Jan 22 j 10:23	0°♎		
morning max el	-10785 Jan 23 j 22:33	1°♎25'04	45°58'17	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10785 Feb 20 j 22:55	0°♏	
desc. node	-10785 Feb 28 j 07:45	8°♏01'11	
	-10785 Mar 19 j 21:02	0°♐	
	-10785 Apr 14 j 12:10	0°♑	
	-10785 May 09 j 07:24	0°♒	
	-10785 Jun 02 j 13:12	0°♓	
asc. node	-10785 Jun 19 j 16:07	21°♓28'20	
greatest brilliancy	-10785 Jun 25 j 01:07	28°♓14'40	-3.9m
	-10785 Jun 26 j 10:31	0°♈	
	-10785 Jul 20 j 03:42	0°♉	
morning set	-10785 Jul 20 j 14:18	0°♉33'33	
	-10785 Aug 12 j 20:39	0°♊	
superior conj	-10785 Aug 31 j 04:19	23°♊05'03	1°14'33
minimum elong	-10785 Aug 31 j 13:53	23°♊35'07	1°14'57
	-10785 Sep 05 j 16:28	0°♋	
max. Earth dist.	-10785 Sep 07 j 03:45	1°♋50'37	1.71254 AU
	-10785 Sep 29 j 16:52	0°♌	
desc. node	-10785 Oct 10 j 17:48	13°♌42'29	
evening rise	-10785 Oct 13 j 14:32	17°♌15'20	
	-10785 Oct 23 j 21:58	0°♍	
	-10785 Nov 17 j 07:07	0°♎	
	-10785 Dec 11 j 20:23	0°♏	
	-10784 Jan 05 j 15:56	0°♐	
asc. node	-10784 Jan 30 j 05:54	29°♐11'03	
	-10784 Jan 30 j 22:36	0°♑	
	-10784 Feb 26 j 00:28	0°♒	
	-10784 Mar 24 j 13:58	0°♓	
evening max el	-10784 Apr 08 j 19:33	15°♓18'36	46°07'32
	-10784 Apr 25 j 06:30	0°♈	
greatest brilliancy	-10784 May 18 j 16:31	14°♈17'43	-4.8m
desc. node	-10784 May 22 j 14:59	15°♈23'30	
retrograde	-10784 May 28 j 12:06	16°♈02'11	
evening set	-10784 Jun 12 j 16:17	11°♈39'14	
inferior conj	-10784 Jun 18 j 05:35	8°♈27'56	-5°59'52
minimum elong	-10784 Jun 17 j 19:12	8°♈43'22	5°57'27
min. Earth dist.	-10784 Jun 17 j 21:55	8°♈39'20	0.26506 AU
morning rise	-10784 Jun 22 j 22:04	5°♈45'23	
direct	-10784 Jul 08 j 17:46	0°♈58'22	
greatest brilliancy	-10784 Jul 19 j 08:10	3°♈05'31	-4.9m
	-10784 Aug 24 j 01:27	0°♉	
morning max el	-10784 Aug 28 j 09:24	4°♉21'41	46°39'39
asc. node	-10784 Sep 11 j 05:06	19°♉02'55	
	-10784 Sep 21 j 00:40	0°♊	
	-10784 Oct 16 j 22:01	0°♋	
	-10784 Nov 11 j 04:56	0°♌	
	-10784 Dec 06 j 08:07	0°♍	
	-10784 Dec 31 j 09:27	0°♎	
desc. node	-10783 Jan 02 j 07:47	2°♎19'00	
	-10783 Jan 25 j 07:15	0°♏	
	-10783 Feb 18 j 23:31	0°♐	
morning set	-10783 Feb 28 j 10:39	11°♐35'23	
	-10783 Mar 15 j 09:38	0°♑	
max. Earth dist.	-10783 Mar 31 j 00:14	19°♑19'21	1.72734 AU
superior conj	-10783 Apr 04 j 11:57	24°♑53'44	-0°42'12
minimum elong	-10783 Apr 04 j 18:53	25°♑15'18	0°42'30
	-10783 Apr 08 j 14:28	0°♒	
asc. node	-10783 Apr 23 j 15:33	18°♒45'09	
	-10783 May 02 j 15:40	0°♓	
evening rise	-10783 May 10 j 06:51	9°♓32'41	
	-10783 May 26 j 14:58	0°♈	
	-10783 Jun 19 j 14:14	0°♉	
	-10783 Jul 13 j 15:35	0°♊	
	-10783 Aug 06 j 21:31	0°♋	
desc. node	-10783 Aug 14 j 20:04	9°♋44'57	
	-10783 Aug 31 j 11:07	0°♌	
	-10783 Sep 25 j 13:30	0°♍	
	-10783 Oct 21 j 17:05	0°♎	
evening max el	-10783 Nov 13 j 13:36	24°♎08'13	45°31'11
	-10783 Nov 19 j 15:33	0°♏	
asc. node	-10783 Dec 04 j 11:23	12°♏40'26	
greatest brilliancy	-10783 Dec 21 j 05:34	22°♏35'34	-4.7m
retrograde	-10782 Jan 01 j 09:19	24°♏51'32	
evening set	-10782 Jan 18 j 17:08	19°♏07'11	
inferior conj	-10782 Jan 22 j 20:06	16°♏32'27	7°55'33
minimum elong	-10782 Jan 22 j 16:32	16°♏38'08	7°54'57
min. Earth dist.	-10782 Jan 23 j 03:28	16°♏20'42	0.29614 AU
morning rise	-10782 Jan 26 j 15:54	14°♏08'08	
direct	-10782 Feb 13 j 19:55	7°♏59'18	
greatest brilliancy	-10782 Feb 23 j 17:52	9°♏44'45	-4.7m
	-10782 Mar 26 j 07:41	0°♐	
desc. node	-10782 Mar 27 j 19:35	1°♐20'07	
morning max el	-10782 Apr 03 j 23:28	8°♐00'16	46°09'50
	-10782 Apr 25 j 10:00	0°♑	
	-10782 May 22 j 00:07	0°♒	
	-10782 Jun 16 j 03:04	0°♓	
	-10782 Jul 10 j 11:23	0°♈	
asc. node	-10782 Jul 17 j 05:42	8°♈26'10	
	-10782 Aug 03 j 10:12	0°♉	
	-10782 Aug 27 j 05:58	0°♊	
	-10782 Sep 20 j 03:24	0°♋	
morning set	-10782 Oct 06 j 12:59	20°♋28'01	
	-10782 Oct 14 j 05:07	0°♌	
desc. node	-10782 Nov 07 j 06:43	29°♌45'37	
	-10782 Nov 07 j 11:23	0°♍	
superior conj	-10782 Nov 17 j 05:50	12°♍01'36	-0°22'11
minimum elong	-10782 Nov 17 j 00:40	11°♍45'42	0°21'43
max. Earth dist.	-10782 Nov 20 j 04:54	15°♍40'09	1.73154 AU
	-10782 Dec 01 j 20:45	0°♎	
evening rise	-10782 Dec 26 j 00:05	29°♎37'22	
	-10782 Dec 26 j 07:27	0°♏	
	-10781 Jan 19 j 18:59	0°♐	
	-10781 Feb 13 j 08:32	0°♑	
asc. node	-10781 Feb 26 j 17:14	16°♑14'09	
	-10781 Mar 10 j 02:21	0°♒	
	-10781 Apr 04 j 02:53	0°♓	
	-10781 Apr 29 j 13:21	0°♈	
	-10781 May 25 j 17:39	0°♉	
desc. node	-10781 Jun 20 j 01:08	27°♉16'16	
evening max el	-10781 Jun 22 j 10:13	29°♉41'04	47°44'13
	-10781 Jun 22 j 17:45	0°♊	
	-10781 Jul 30 j 08:18	0°♋	
greatest brilliancy	-10781 Aug 03 j 03:20	1°♋31'48	-4.9m
retrograde	-10781 Aug 12 j 10:22	3°♋11'41	
	-10781 Aug 24 j 22:03	30°℞♊	
evening set	-10781 Aug 29 j 13:18	27°♊26'07	
min. Earth dist.	-10781 Sep 01 j 16:45	25°♊29'27	0.26910 AU
inferior conj	-10781 Sep 02 j 04:42	25°♊10'42	-7°40'40
minimum elong	-10781 Sep 02 j 13:32	24°♊56'51	7°38'41
morning rise	-10781 Sep 06 j 14:02	22°♊29'42	
direct	-10781 Sep 22 j 09:54	17°♊28'26	
greatest brilliancy	-10781 Oct 02 j 00:36	19°♊14'47	-4.9m
asc. node	-10781 Oct 09 j 16:21	22°♊48'47	
	-10781 Oct 20 j 07:07	0°♋	
morning max el	-10781 Nov 11 j 03:38	19°♋35'06	46°15'15
	-10781 Nov 21 j 09:11	0°♌	
	-10781 Dec 19 j 00:41	0°♍	
	-10780 Jan 14 j 10:39	0°♎	
desc. node	-10780 Jan 30 j 21:10	19°♎04'23	
	-10780 Feb 09 j 04:40	0°♏	
	-10780 Mar 05 j 09:39	0°♐	
	-10780 Mar 30 j 02:55	0°♑	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10780 Apr 23 j 10:25	0°♒	
morning set	-10780 May 06 j 00:13	15°♒40'15	
	-10780 May 17 j 10:43	0°♓	
asc. node	-10780 May 21 j 04:41	4°♓42'29	
	-10780 Jun 10 j 06:34	0°♈	
max. Earth dist.	-10780 Jun 10 j 07:48	0°♈03'56	1.71036 AU
superior conj	-10780 Jun 12 j 05:36	2°♈28'28	0°48'17
minimum elong	-10780 Jun 11 j 20:39	2°♈00'13	0°47'54
	-10780 Jul 04 j 00:38	0°♉	
evening rise	-10780 Jul 21 j 19:11	22°♉25'33	
	-10780 Jul 27 j 19:35	0°♊	
	-10780 Aug 20 j 17:45	0°♋	
desc. node	-10780 Sep 11 j 07:37	26°♋50'36	
	-10780 Sep 13 j 20:48	0°♌	
	-10780 Oct 08 j 05:49	0°♍	
	-10780 Nov 01 j 22:32	0°♎	
	-10780 Nov 27 j 03:47	0°♏	
	-10780 Dec 23 j 09:53	0°♐	
asc. node	-10780 Dec 31 j 21:35	9°♐16'00	
	-10779 Jan 21 j 02:38	0°♑	
evening max el	-10779 Jan 23 j 11:54	2°♑16'51	44°52'58
greatest brilliancy	-10779 Mar 02 j 09:09	29°♑12'49	-4.7m
	-10779 Mar 04 j 23:16	0°♒	
retrograde	-10779 Mar 12 j 12:18	1°♒01'35	
	-10779 Mar 19 j 19:16	30°℞♑	
evening set	-10779 Mar 28 j 07:49	26°♑23'09	
inferior conj	-10779 Apr 02 j 17:35	23°♑14'34	4°42'38
minimum elong	-10779 Apr 03 j 02:15	23°♑01'29	4°40'02
min. Earth dist.	-10779 Apr 04 j 00:47	22°♑27'32	0.28188 AU
morning rise	-10779 Apr 08 j 19:42	19°♑41'13	
direct	-10779 Apr 24 j 08:37	15°♑06'58	
desc. node	-10779 Apr 24 j 06:33	15°♑06'58	
greatest brilliancy	-10779 May 06 j 03:25	17°♑36'04	-4.8m
	-10779 May 25 j 21:25	0°♒	
morning max el	-10779 Jun 13 j 14:30	17°♒06'13	46°35'58
	-10779 Jun 25 j 23:32	0°♓	
	-10779 Jul 22 j 11:18	0°♈	
asc. node	-10779 Aug 13 j 18:58	26°♈44'15	
	-10779 Aug 16 j 11:17	0°♉	
	-10779 Sep 09 j 21:02	0°♊	
	-10779 Oct 04 j 03:14	0°♋	
	-10779 Oct 28 j 11:26	0°♌	
	-10779 Nov 21 j 23:12	0°♍	
desc. node	-10779 Dec 04 j 20:19	15°♍43'41	
	-10779 Dec 16 j 13:05	0°♎	
morning set	-10779 Dec 20 j 00:10	4°♎13'29	
	-10778 Jan 10 j 02:32	0°♏	
max. Earth dist.	-10778 Jan 23 j 16:53	16°♏39'23	1.73805 AU
superior conj	-10778 Jan 26 j 09:33	19°♏57'44	-1°20'22
minimum elong	-10778 Jan 26 j 07:48	19°♏52'20	1°20'47
	-10778 Feb 03 j 13:46	0°♐	
	-10778 Feb 27 j 22:37	0°♑	
evening rise	-10778 Mar 02 j 17:05	3°♑24'51	
	-10778 Mar 24 j 06:14	0°♒	
asc. node	-10778 Mar 26 j 05:03	2°♒24'26	
	-10778 Apr 17 j 14:00	0°♓	
	-10778 May 11 j 23:09	0°♈	
	-10778 Jun 05 j 11:21	0°♉	
	-10778 Jun 30 j 06:00	0°♊	
desc. node	-10778 Jul 17 j 11:25	20°♊29'59	
	-10778 Jul 25 j 14:02	0°♋	
	-10778 Aug 21 j 03:55	0°♌	
evening max el	-10778 Sep 01 j 16:56	12°♌10'06	47°18'06
	-10778 Sep 20 j 15:23	0°♍	
greatest brilliancy	-10778 Oct 11 j 22:26	13°♍49'05	-4.9m
retrograde	-10778 Oct 22 j 17:32	16°♍03'37	
asc. node	-10778 Nov 06 j 03:12	11°♍45'44	
evening set	-10778 Nov 06 j 13:49	11°♍30'43	
min. Earth dist.	-10778 Nov 12 j 02:36	8°♍05'28	0.28385 AU
inferior conj	-10778 Nov 12 j 18:46	7°♍39'21	1°33'33
minimum elong	-10778 Nov 12 j 15:35	7°♍44'30	1°32'54
morning rise	-10778 Nov 18 j 18:16	3°♍57'40	
	-10778 Nov 28 j 11:00	30°℞♌	
direct	-10778 Dec 03 j 20:01	29°♌24'21	
	-10778 Dec 09 j 09:15	0°♍	
greatest brilliancy	-10778 Dec 12 j 18:41	0°♍54'09	-4.8m
morning max el	-10777 Jan 21 j 15:22	29°♍18'03	45°58'25
	-10777 Jan 22 j 09:02	0°♎	
	-10777 Feb 20 j 14:35	0°♏	
desc. node	-10777 Feb 27 j 09:57	7°♏26'22	
	-10777 Mar 19 j 10:17	0°♐	
	-10777 Apr 14 j 00:20	0°♑	
	-10777 May 08 j 19:02	0°♒	
	-10777 Jun 02 j 00:33	0°♓	
asc. node	-10777 Jun 18 j 18:22	21°♓00'02	
greatest brilliancy	-10777 Jun 25 j 02:53	29°♓00'35	-3.9m
	-10777 Jun 25 j 21:44	0°♈	
morning set	-10777 Jul 18 j 01:26	28°♈01'32	
	-10777 Jul 19 j 14:51	0°♉	
	-10777 Aug 12 j 07:48	0°♊	
superior conj	-10777 Aug 28 j 12:35	20°♊25'06	1°16'15
minimum elong	-10777 Aug 28 j 21:22	20°♊52'45	1°16'40
max. Earth dist.	-10777 Sep 04 j 12:12	29°♊11'34	1.71198 AU
	-10777 Sep 05 j 03:38	0°♋	
	-10777 Sep 29 j 04:02	0°♌	
desc. node	-10777 Oct 09 j 19:50	13°♌14'09	
evening rise	-10777 Oct 10 j 23:32	14°♌39'58	
	-10777 Oct 23 j 09:08	0°♍	
	-10777 Nov 16 j 18:20	0°♎	
	-10777 Dec 11 j 07:48	0°♏	
	-10776 Jan 05 j 03:48	0°♐	
asc. node	-10776 Jan 29 j 08:17	28°♐40'36	
	-10776 Jan 30 j 11:25	0°♑	
	-10776 Feb 25 j 15:15	0°♒	
	-10776 Mar 24 j 09:16	0°♓	
evening max el	-10776 Apr 06 j 09:18	12°♓58'32	46°03'34
	-10776 Apr 25 j 20:20	0°♈	
greatest brilliancy	-10776 May 16 j 03:53	11°♈49'40	-4.8m
desc. node	-10776 May 21 j 17:14	13°♈13'10	
retrograde	-10776 May 25 j 23:15	13°♈33'30	
evening set	-10776 Jun 10 j 00:49	9°♈15'33	
inferior conj	-10776 Jun 15 j 17:17	6°♈00'01	-5°41'35
minimum elong	-10776 Jun 15 j 07:03	6°♈15'14	5°39'09
min. Earth dist.	-10776 Jun 15 j 10:59	6°♈09'23	0.26522 AU
morning rise	-10776 Jun 20 j 13:09	3°♈12'35	
	-10776 Jun 27 j 14:42	30°℞♓	
direct	-10776 Jul 06 j 06:12	28°♓30'10	
	-10776 Jul 15 j 03:12	0°♈	
greatest brilliancy	-10776 Jul 16 j 21:56	0°♈37'59	-4.9m
	-10776 Aug 24 j 01:44	0°♉	
morning max el	-10776 Aug 25 j 21:06	1°♉50'11	46°40'06
asc. node	-10776 Sep 10 j 07:15	18°♉17'20	
	-10776 Sep 20 j 17:37	0°♊	
	-10776 Oct 16 j 12:18	0°♋	
	-10776 Nov 10 j 17:52	0°♌	
	-10776 Dec 05 j 20:12	0°♍	
	-10776 Dec 30 j 20:57	0°♎	
desc. node	-10775 Jan 01 j 09:58	1°♎51'06	
	-10775 Jan 24 j 18:22	0°♏	
	-10775 Feb 18 j 10:23	0°♐	
morning set	-10775 Feb 26 j 06:10	9°♐34'57	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10775 Mar 14 j 20:23	0°♉	
max. Earth dist.	-10775 Mar 28 j 18:36	17°♉14'13	1.72791 AU
superior conj	-10775 Apr 02 j 07:34	22°♉52'17	-0°44'42
minimum elong	-10775 Apr 02 j 14:44	23°♉14'31	0°44'58
	-10775 Apr 08 j 01:14	0°♒	
asc. node	-10775 Apr 22 j 17:43	18°♒18'05	
	-10775 May 02 j 02:33	0°♓	
evening rise	-10775 May 08 j 00:47	7°♓24'25	
	-10775 May 26 j 02:06	0°♈	
	-10775 Jun 19 j 01:40	0°♉	
	-10775 Jul 13 j 03:21	0°♊	
	-10775 Aug 06 j 09:40	0°♋	
desc. node	-10775 Aug 13 j 22:15	9°♋13'50	
	-10775 Aug 30 j 23:52	0°♌	
	-10775 Sep 25 j 03:21	0°♍	
	-10775 Oct 21 j 09:25	0°♎	
evening max el	-10775 Nov 11 j 04:29	21°♎53'17	45°34'11
	-10775 Nov 19 j 16:13	0°♏	
asc. node	-10775 Dec 03 j 13:44	11°♏34'55	
greatest brilliancy	-10775 Dec 18 j 23:01	20°♏29'46	-4.7m
retrograde	-10775 Dec 30 j 02:25	22°♏46'12	
evening set	-10774 Jan 16 j 08:52	17°♏03'55	
inferior conj	-10774 Jan 20 j 13:35	14°♏26'29	7°51'46
minimum elong	-10774 Jan 20 j 09:27	14°♏33'07	7°51'06
min. Earth dist.	-10774 Jan 20 j 20:05	14°♏16'08	0.29612 AU
morning rise	-10774 Jan 24 j 09:58	12°♏01'03	
direct	-10774 Feb 11 j 12:26	5°♏53'10	
greatest brilliancy	-10774 Feb 21 j 09:58	7°♏37'51	-4.7m
	-10774 Mar 26 j 09:20	0°♐	
desc. node	-10774 Mar 26 j 21:37	0°♐27'54	
morning max el	-10774 Apr 01 j 14:54	5°♐49'04	46°09'11
	-10774 Apr 25 j 02:30	0°♑	
	-10774 May 21 j 13:53	0°♒	
	-10774 Jun 15 j 15:39	0°♓	
	-10774 Jul 09 j 23:23	0°♈	
asc. node	-10774 Jul 16 j 07:59	7°♈56'07	
	-10774 Aug 02 j 21:54	0°♉	
	-10774 Aug 26 j 17:29	0°♊	
	-10774 Sep 19 j 14:46	0°♋	
morning set	-10774 Oct 03 j 22:50	17°♋54'11	
	-10774 Oct 13 j 16:20	0°♌	
desc. node	-10774 Nov 06 j 08:55	29°♌18'11	
	-10774 Nov 06 j 22:29	0°♍	
superior conj	-10774 Nov 14 j 18:12	9°♍37'59	-0°18'45
minimum elong	-10774 Nov 14 j 13:45	9°♍24'20	0°18'18
max. Earth dist.	-10774 Nov 17 j 22:14	13°♍31'53	1.73099 AU
	-10774 Dec 01 j 07:46	0°♎	
evening rise	-10774 Dec 23 j 16:55	27°♎28'05	
	-10774 Dec 25 j 18:28	0°♏	
	-10773 Jan 19 j 06:06	0°♐	
	-10773 Feb 12 j 19:56	0°♑	
asc. node	-10773 Feb 25 j 19:23	15°♑45'20	
	-10773 Mar 09 j 14:18	0°♒	
	-10773 Apr 03 j 15:42	0°♓	
	-10773 Apr 29 j 03:37	0°♈	
	-10773 May 25 j 10:38	0°♉	
desc. node	-10773 Jun 19 j 03:25	26°♉24'21	
evening max el	-10773 Jun 19 j 23:06	27°♉13'58	47°42'22
	-10773 Jun 22 j 17:44	0°♊	
greatest brilliancy	-10773 Jul 31 j 17:33	29°♊04'28	-4.9m
	-10773 Aug 03 j 22:06	0°♋	
retrograde	-10773 Aug 09 j 23:29	0°♋43'39	
	-10773 Aug 15 j 21:08	30°℞♊	
evening set	-10773 Aug 27 j 05:28	24°♊54'11	
inferior conj	-10773 Aug 30 j 18:00	22°♊43'34	-7°51'56
minimum elong	-10773 Aug 31 j 02:25	22°♊30'25	7°50'07
min. Earth dist.	-10773 Aug 30 j 06:11	23°♊02'04	0.26883 AU
morning rise	-10773 Sep 03 j 23:35	20°♊08'24	
direct	-10773 Sep 19 j 22:22	15°♊01'52	
greatest brilliancy	-10773 Sep 29 j 14:42	16°♊49'38	-4.9m
asc. node	-10773 Oct 08 j 18:36	21°♊17'08	
	-10773 Oct 20 j 21:32	0°♋	
morning max el	-10773 Nov 08 j 17:53	17°♋14'04	46°16'14
	-10773 Nov 21 j 04:46	0°♌	
	-10773 Dec 18 j 15:54	0°♍	
	-10772 Jan 13 j 23:55	0°♎	
desc. node	-10772 Jan 29 j 23:20	18°♎34'06	
	-10772 Feb 08 j 16:53	0°♏	
	-10772 Mar 04 j 21:15	0°♐	
	-10772 Mar 29 j 14:10	0°♑	
	-10772 Apr 22 j 21:30	0°♒	
morning set	-10772 May 03 j 18:07	13°♒31'42	
	-10772 May 16 j 21:46	0°♓	
asc. node	-10772 May 20 j 06:58	4°♓14'58	
max. Earth dist.	-10772 Jun 07 j 19:56	27°♓35'47	1.71077 AU
superior conj	-10772 Jun 09 j 20:23	0°♈08'39	0°45'26
minimum elong	-10772 Jun 09 j 11:49	29°♓41'34	0°45'01
	-10772 Jun 09 j 17:39	0°♈	
	-10772 Jul 03 j 11:49	0°♉	
evening rise	-10772 Jul 19 j 05:40	19°♉51'55	
	-10772 Jul 27 j 06:53	0°♊	
	-10772 Aug 20 j 05:12	0°♋	
desc. node	-10772 Sep 10 j 09:41	26°♋20'58	
	-10772 Sep 13 j 08:27	0°♌	
	-10772 Oct 07 j 17:45	0°♍	
	-10772 Nov 01 j 10:57	0°♎	
	-10772 Nov 26 j 17:11	0°♏	
	-10772 Dec 23 j 01:33	0°♐	
asc. node	-10772 Dec 30 j 23:58	8°♐37'01	
evening max el	-10771 Jan 21 j 03:27	0°♑05'27	44°52'28
	-10771 Jan 21 j 01:09	0°♑	
greatest brilliancy	-10771 Feb 27 j 22:12	26°♑58'31	-4.7m
retrograde	-10771 Mar 10 j 03:04	28°♑48'22	
evening set	-10771 Mar 26 j 00:54	24°♑05'57	
inferior conj	-10771 Mar 31 j 08:13	21°♑00'04	4°58'51
minimum elong	-10771 Mar 31 j 17:07	20°♑46'37	4°56'14
min. Earth dist.	-10771 Apr 01 j 15:22	20°♑13'02	0.28266 AU
morning rise	-10771 Apr 06 j 08:27	17°♑29'03	
direct	-10771 Apr 22 j 00:45	12°♑51'04	
desc. node	-10771 Apr 23 j 08:54	12°♑53'09	
greatest brilliancy	-10771 May 03 j 17:52	15°♑18'57	-4.8m
	-10771 May 26 j 07:18	0°♒	
morning max el	-10771 Jun 11 j 06:24	14°♒49'23	46°35'21
	-10771 Jun 25 j 18:17	0°♓	
	-10771 Jul 22 j 02:19	0°♈	
asc. node	-10771 Aug 12 j 21:06	26°♈09'31	
	-10771 Aug 16 j 00:41	0°♉	
	-10771 Sep 09 j 09:35	0°♊	
	-10771 Oct 03 j 15:17	0°♋	
	-10771 Oct 27 j 23:10	0°♌	
	-10771 Nov 21 j 10:39	0°♍	
desc. node	-10771 Dec 03 j 22:29	15°♍15'45	
	-10771 Dec 16 j 00:19	0°♎	
morning set	-10771 Dec 17 j 15:18	1°♎58'59	
	-10770 Jan 09 j 13:36	0°♏	
max. Earth dist.	-10770 Jan 21 j 16:33	14°♏50'57	1.73813 AU
superior conj	-10770 Jan 24 j 04:04	17°♏53'26	-1°20'00
minimum elong	-10770 Jan 24 j 01:42	17°♏46'12	1°20'24
	-10770 Feb 03 j 00:45	0°♐	
	-10770 Feb 27 j 09:42	0°♑	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

evening rise	-10770 Feb 28 j 12:47	1°♉23'30		
	-10770 Mar 23 j 17:32	0°♒		
asc. node	-10770 Mar 25 j 07:15	1°♒56'19		
	-10770 Apr 17 j 01:40	0°♓		
	-10770 May 11 j 11:17	0°♈		
	-10770 Jun 05 j 00:08	0°♉		
	-10770 Jun 29 j 19:42	0°♊		
desc. node	-10770 Jul 16 j 13:39	19°♊53'27		
	-10770 Jul 25 j 05:20	0°♋		
	-10770 Aug 20 j 22:51	0°♌		
evening max el	-10770 Aug 30 j 10:02	9°♌55'47	47°21'10	
	-10770 Sep 21 j 01:48	0°♍		
greatest brilliancy	-10770 Oct 09 j 16:14	11°♍35'35	-4.9m	
retrograde	-10770 Oct 20 j 10:42	13°♍49'05		
evening set	-10770 Nov 04 j 06:34	9°♍16'34		
asc. node	-10770 Nov 05 j 05:34	8°♍43'02		
inferior conj	-10770 Nov 10 j 11:17	5°♍25'12	1°14'02	
minimum elong	-10770 Nov 10 j 08:45	5°♍29'18	1°13'36	
min. Earth dist.	-10770 Nov 09 j 18:51	5°♍51'45	0.28323 AU	
morning rise	-10770 Nov 16 j 11:55	1°♍42'01		
	-10770 Nov 19 j 18:41	30°℞♌		
direct	-10770 Dec 01 j 12:14	27°♌11'28		
greatest brilliancy	-10770 Dec 10 j 10:01	28°♌40'50	-4.8m	
	-10770 Dec 13 j 22:48	0°♍		
morning max el	-10769 Jan 19 j 07:38	27°♍08'34	45°58'22	
	-10769 Jan 22 j 07:14	0°♎		
	-10769 Feb 20 j 06:26	0°♏		
desc. node	-10769 Feb 26 j 11:59	6°♏50'15		
	-10769 Mar 18 j 23:50	0°♐		
	-10769 Apr 13 j 12:48	0°♑		
	-10769 May 08 j 06:56	0°♒		
	-10769 Jun 01 j 12:10	0°♓		
asc. node	-10769 Jun 17 j 20:32	20°♓30'38		
greatest brilliancy	-10769 Jun 25 j 00:35	29°♓32'48	-3.9m	
	-10769 Jun 25 j 09:12	0°♈		
morning set	-10769 Jul 15 j 12:42	25°♈28'59		
	-10769 Jul 19 j 02:17	0°♉		
	-10769 Aug 11 j 19:14	0°♊		
superior conj	-10769 Aug 25 j 21:15	17°♊45'34	1°17'46	
minimum elong	-10769 Aug 26 j 05:11	18°♊10'31	1°18'12	
max. Earth dist.	-10769 Sep 01 j 20:14	26°♊30'21	1.71136 AU	
	-10769 Sep 04 j 15:03	0°♋		
	-10769 Sep 28 j 15:24	0°♌		
evening rise	-10769 Oct 08 j 08:37	12°♌04'09		
desc. node	-10769 Oct 08 j 22:06	12°♌45'55		
	-10769 Oct 22 j 20:30	0°♍		
	-10769 Nov 16 j 05:48	0°♎		
	-10769 Dec 10 j 19:30	0°♏		
	-10768 Jan 04 j 16:03	0°♐		
asc. node	-10768 Jan 28 j 10:27	28°♐08'16		
	-10768 Jan 30 j 00:43	0°♑		
	-10768 Feb 25 j 06:38	0°♒		
	-10768 Mar 24 j 05:37	0°♓		
evening max el	-10768 Apr 03 j 22:06	10°♓35'07	45°59'43	
	-10768 Apr 26 j 15:20	0°♈		
greatest brilliancy	-10768 May 13 j 15:35	9°♈20'59	-4.8m	
desc. node	-10768 May 20 j 19:31	10°♈56'22		
retrograde	-10768 May 23 j 10:00	11°♈04'03		
evening set	-10768 Jun 07 j 09:32	6°♈50'28		
inferior conj	-10768 Jun 13 j 04:59	3°♈31'16	-5°22'36	
minimum elong	-10768 Jun 12 j 18:58	3°♈46'09	5°20'10	
min. Earth dist.	-10768 Jun 13 j 00:21	3°♈38'09	0.26541 AU	
morning rise	-10768 Jun 18 j 04:09	0°♈39'05		
	-10768 Jun 19 j 09:31	30°℞♓		
direct	-10768 Jul 03 j 18:08	26°♓00'47		
greatest brilliancy	-10768 Jul 14 j 12:21	28°♓10'12	-4.9m	
	-10768 Jul 18 j 14:58	0°♈		
morning max el	-10768 Aug 23 j 08:30	29°♈16'47	46°40'41	
	-10768 Aug 24 j 01:21	0°♉		
asc. node	-10768 Sep 09 j 09:26	17°♉31'32		
	-10768 Sep 20 j 10:33	0°♊		
	-10768 Oct 16 j 02:43	0°♋		
	-10768 Nov 10 j 06:57	0°♌		
	-10768 Dec 05 j 08:28	0°♍		
	-10768 Dec 30 j 08:41	0°♎		
desc. node	-10768 Dec 31 j 12:03	1°♎22'16		
	-10767 Jan 24 j 05:45	0°♏		
	-10767 Feb 17 j 21:34	0°♐		
morning set	-10767 Feb 24 j 01:30	7°♐32'53		
	-10767 Mar 14 j 07:29	0°♑		
max. Earth dist.	-10767 Mar 26 j 13:35	15°♑09'50	1.72850 AU	
superior conj	-10767 Mar 31 j 03:02	20°♑49'14	-0°47'08	
minimum elong	-10767 Mar 31 j 10:23	21°♑12'02	0°47'25	
	-10767 Apr 07 j 12:21	0°♒		
asc. node	-10767 Apr 21 j 20:00	17°♒50'17		
	-10767 May 01 j 13:49	0°♓		
evening rise	-10767 May 05 j 18:36	5°♓14'47		
	-10767 May 25 j 13:35	0°♈		
	-10767 Jun 18 j 13:26	0°♉		
	-10767 Jul 12 j 15:27	0°♊		
	-10767 Aug 05 j 22:11	0°♋		
desc. node	-10767 Aug 13 j 00:22	8°♋41'32		
	-10767 Aug 30 j 13:00	0°♌		
	-10767 Sep 24 j 17:37	0°♍		
	-10767 Oct 21 j 02:17	0°♎		
evening max el	-10767 Nov 08 j 19:27	19°♎38'00	45°37'26	
	-10767 Nov 19 j 18:23	0°♏		
asc. node	-10767 Dec 02 j 16:01	10°♏27'18		
greatest brilliancy	-10767 Dec 16 j 15:59	18°♏23'09	-4.7m	
retrograde	-10767 Dec 27 j 20:01	20°♏41'01		
evening set	-10766 Jan 14 j 00:37	15°♏00'43		
inferior conj	-10766 Jan 18 j 07:17	12°♏20'26	7°47'15	
minimum elong	-10766 Jan 18 j 02:35	12°♏27'57	7°46'33	
min. Earth dist.	-10766 Jan 18 j 12:38	12°♏11'54	0.29612 AU	
morning rise	-10766 Jan 22 j 04:28	9°♏53'43		
direct	-10766 Feb 09 j 05:13	3°♏46'51		
greatest brilliancy	-10766 Feb 19 j 02:21	5°♏31'07	-4.7m	
desc. node	-10766 Mar 25 j 23:58	29°♏36'40		
	-10766 Mar 26 j 10:04	0°♐		
morning max el	-10766 Mar 30 j 07:16	3°♐39'27	46°08'23	
	-10766 Apr 24 j 19:05	0°♑		
	-10766 May 21 j 03:54	0°♒		
	-10766 Jun 15 j 04:32	0°♓		
	-10766 Jul 09 j 11:40	0°♈		
asc. node	-10766 Jul 15 j 10:05	7°♈24'41		
	-10766 Aug 02 j 09:51	0°♉		
	-10766 Aug 26 j 05:14	0°♊		
	-10766 Sep 19 j 02:21	0°♋		
morning set	-10766 Oct 01 j 08:38	15°♋19'13		
	-10766 Oct 13 j 03:48	0°♌		
desc. node	-10766 Nov 05 j 11:06	28°♌49'57		
	-10766 Nov 06 j 09:49	0°♍		
superior conj	-10766 Nov 12 j 06:35	7°♍13'39	-0°15'18	
minimum elong	-10766 Nov 12 j 02:55	7°♍02'22	0°14'51	
behind sun begin	-10766 Nov 11 j 16:49	6°♍31'16		
behind sun end	-10766 Nov 12 j 13:01	7°♍33'28		
max. Earth dist.	-10766 Nov 15 j 13:53	11°♍17'41	1.73040 AU	
	-10766 Nov 30 j 19:00	0°♎		
evening rise	-10766 Dec 21 j 09:57	25°♎18'49		
	-10766 Dec 25 j 05:39	0°♏		
	-10765 Jan 18 j 17:23	0°♐		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10765 Feb 12 j 07:31	0°♉	
asc. node	-10765 Feb 24 j 21:38	15°♉16'13	
	-10765 Mar 09 j 02:29	0°♒	
	-10765 Apr 03 j 04:52	0°♓	
	-10765 Apr 28 j 18:22	0°♈	
	-10765 May 25 j 04:18	0°♉	
evening max el	-10765 Jun 17 j 12:49	24°♉48'06	47°40'29
desc. node	-10765 Jun 18 j 05:38	25°♉30'11	
	-10765 Jun 22 j 19:16	0°♊	
greatest brilliancy	-10765 Jul 29 j 07:03	26°♊35'15	-4.9m
retrograde	-10765 Aug 07 j 12:57	28°♊14'30	
evening set	-10765 Aug 24 j 21:20	22°♊21'13	
inferior conj	-10765 Aug 28 j 07:09	20°♊15'14	-8°02'19
minimum elong	-10765 Aug 28 j 15:04	20°♊02'54	8°00'42
min. Earth dist.	-10765 Aug 27 j 19:05	20°♊34'02	0.26853 AU
morning rise	-10765 Sep 01 j 08:59	17°♊46'05	
direct	-10765 Sep 17 j 11:18	12°♊34'14	
greatest brilliancy	-10765 Sep 27 j 04:11	14°♊23'00	-4.9m
asc. node	-10765 Oct 07 j 21:00	19°♊48'19	
	-10765 Oct 21 j 08:35	0°♋	
morning max el	-10765 Nov 06 j 08:51	14°♋54'13	46°17'14
	-10765 Nov 21 j 00:00	0°♌	
	-10765 Dec 18 j 07:03	0°♍	
	-10764 Jan 13 j 13:12	0°♎	
desc. node	-10764 Jan 29 j 01:22	18°♎03'20	
	-10764 Feb 08 j 05:07	0°♏	
	-10764 Mar 04 j 08:52	0°♐	
	-10764 Mar 29 j 01:27	0°♑	
	-10764 Apr 22 j 08:40	0°♒	
morning set	-10764 May 01 j 12:14	11°♒23'38	
	-10764 May 16 j 08:57	0°♓	
asc. node	-10764 May 19 j 09:09	3°♓46'41	
max. Earth dist.	-10764 Jun 05 j 05:58	25°♓00'34	1.71125 AU
superior conj	-10764 Jun 07 j 11:13	27°♓48'27	0°42'30
minimum elong	-10764 Jun 07 j 03:04	27°♓22'46	0°42'05
	-10764 Jun 09 j 04:55	0°♈	
	-10764 Jul 02 j 23:12	0°♉	
evening rise	-10764 Jul 16 j 16:00	17°♉17'04	
	-10764 Jul 26 j 18:23	0°♊	
	-10764 Aug 19 j 16:50	0°♋	
desc. node	-10764 Sep 09 j 11:58	25°♋51'33	
	-10764 Sep 12 j 20:16	0°♌	
	-10764 Oct 07 j 05:50	0°♍	
	-10764 Oct 31 j 23:30	0°♎	
	-10764 Nov 26 j 06:44	0°♏	
	-10764 Dec 22 j 17:28	0°♐	
asc. node	-10764 Dec 30 j 02:11	7°♐57'15	
evening max el	-10763 Jan 18 j 19:33	27°♐55'36	44°52'09
	-10763 Jan 21 j 00:31	0°♑	
greatest brilliancy	-10763 Feb 25 j 12:12	24°♑46'26	-4.7m
retrograde	-10763 Mar 07 j 17:55	26°♑36'40	
evening set	-10763 Mar 23 j 18:28	21°♑50'33	
inferior conj	-10763 Mar 28 j 23:20	18°♑47'19	5°14'08
minimum elong	-10763 Mar 29 j 08:23	18°♑33'36	5°11'34
min. Earth dist.	-10763 Mar 30 j 06:20	18°♑00'21	0.28342 AU
morning rise	-10763 Apr 03 j 21:31	15°♑18'35	
direct	-10763 Apr 19 j 17:12	10°♑37'07	
desc. node	-10763 Apr 22 j 11:05	10°♑45'47	
greatest brilliancy	-10763 May 01 j 08:21	13°♑03'06	-4.8m
	-10763 May 26 j 14:19	0°♒	
morning max el	-10763 Jun 08 j 21:37	12°♒31'15	46°34'21
	-10763 Jun 25 j 12:34	0°♓	
	-10763 Jul 21 j 17:15	0°♈	
asc. node	-10763 Aug 11 j 23:18	25°♈34'51	
	-10763 Aug 15 j 14:08	0°♉	
	-10763 Sep 08 j 22:13	0°♊	
	-10763 Oct 03 j 03:25	0°♋	
	-10763 Oct 27 j 10:54	0°♌	
	-10763 Nov 20 j 22:05	0°♍	
desc. node	-10763 Dec 03 j 00:32	14°♍47'31	
morning set	-10763 Dec 15 j 06:24	29°♍44'27	
	-10763 Dec 15 j 11:30	0°♎	
	-10762 Jan 09 j 00:37	0°♏	
max. Earth dist.	-10762 Jan 19 j 15:25	13°♏00'12	1.73815 AU
superior conj	-10762 Jan 21 j 22:43	15°♏49'46	-1°19'32
minimum elong	-10762 Jan 21 j 19:46	15°♏40'44	1°19'54
	-10762 Feb 02 j 11:42	0°♐	
evening rise	-10762 Feb 26 j 08:48	29°♐23'21	
	-10762 Feb 26 j 20:42	0°♑	
	-10762 Mar 23 j 04:43	0°♒	
asc. node	-10762 Mar 24 j 09:37	1°♒29'04	
	-10762 Apr 16 j 13:10	0°♓	
	-10762 May 10 j 23:17	0°♈	
	-10762 Jun 04 j 12:50	0°♉	
	-10762 Jun 29 j 09:28	0°♊	
desc. node	-10762 Jul 15 j 15:47	19°♊16'20	
	-10762 Jul 24 j 20:52	0°♋	
	-10762 Aug 20 j 18:26	0°♌	
evening max el	-10762 Aug 28 j 02:26	7°♌39'06	47°24'00
	-10762 Sep 21 j 16:04	0°♍	
greatest brilliancy	-10762 Oct 07 j 10:32	9°♍21'49	-4.9m
retrograde	-10762 Oct 18 j 03:18	11°♍33'25	
evening set	-10762 Nov 01 j 23:14	7°♍01'20	
asc. node	-10762 Nov 04 j 07:47	5°♍36'52	
min. Earth dist.	-10762 Nov 07 j 11:15	3°♍36'43	0.28256 AU
inferior conj	-10762 Nov 08 j 03:35	3°♍10'16	0°54'20
minimum elong	-10762 Nov 08 j 01:42	3°♍13'19	0°54'05
	-10762 Nov 13 j 05:16	30°℞♌	
morning rise	-10762 Nov 14 j 05:12	29°♌25'37	
direct	-10762 Nov 29 j 03:52	24°♌57'56	
greatest brilliancy	-10762 Dec 08 j 01:34	26°♌27'12	-4.8m
	-10762 Dec 16 j 04:40	0°♍	
morning max el	-10761 Jan 16 j 22:49	24°♍56'33	45°58'30
	-10761 Jan 22 j 04:32	0°♎	
	-10761 Feb 19 j 21:53	0°♏	
desc. node	-10761 Feb 25 j 14:17	6°♏15'37	
	-10761 Mar 18 j 13:06	0°♐	
	-10761 Apr 13 j 01:00	0°♑	
	-10761 May 07 j 18:35	0°♒	
	-10761 May 31 j 23:31	0°♓	
asc. node	-10761 Jun 16 j 22:41	20°♓01'58	
	-10761 Jun 24 j 20:26	0°♈	
greatest brilliancy	-10761 Jun 24 j 19:17	29°♓56'23	-3.9m
morning set	-10761 Jul 13 j 00:23	22°♈58'29	
	-10761 Jul 18 j 13:30	0°♉	
	-10761 Aug 11 j 06:29	0°♊	
superior conj	-10761 Aug 23 j 05:56	15°♊06'25	1°19'05
minimum elong	-10761 Aug 23 j 12:56	15°♊28'28	1°19'33
max. Earth dist.	-10761 Aug 30 j 00:42	23°♊38'13	1.71085 AU
	-10761 Sep 04 j 02:20	0°♋	
	-10761 Sep 28 j 02:42	0°♌	
evening rise	-10761 Oct 05 j 16:57	9°♌26'01	
desc. node	-10761 Oct 08 j 00:17	12°♌17'37	
	-10761 Oct 22 j 07:48	0°♍	
	-10761 Nov 15 j 17:10	0°♎	
	-10761 Dec 10 j 07:07	0°♏	
	-10760 Jan 04 j 04:11	0°♐	
asc. node	-10760 Jan 27 j 12:43	27°♐36'42	
	-10760 Jan 29 j 13:54	0°♑	
	-10760 Feb 24 j 21:59	0°♒	
	-10760 Mar 24 j 02:16	0°♓	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

evening max el	-10760 Apr 01 j 10:25	8°♓11'47	45°56'06	
	-10760 Apr 27 j 15:52	0°♈		
greatest brilliancy	-10760 May 11 j 03:30	6°♈54'26	-4.8m	
desc. node	-10760 May 19 j 21:41	8°♈36'09		
retrograde	-10760 May 20 j 21:12	8°♈37'15		
evening set	-10760 Jun 04 j 18:47	4°♈27'13		
inferior conj	-10760 Jun 10 j 17:02	1°♈04'56	-5°03'12	
minimum elong	-10760 Jun 10 j 07:18	1°♈19'22	5°00'47	
min. Earth dist.	-10760 Jun 10 j 14:03	1°♈09'21	0.26563 AU	
	-10760 Jun 12 j 12:56	30°♓℞		
morning rise	-10760 Jun 15 j 19:26	28°♓08'21		
direct	-10760 Jul 01 j 06:18	23°♓33'37		
greatest brilliancy	-10760 Jul 12 j 03:20	25°♓45'16	-4.9m	
	-10760 Jul 20 j 13:28	0°♈		
morning max el	-10760 Aug 20 j 20:24	26°♈45'59	46°41'04	
	-10760 Aug 23 j 23:32	0°♉		
asc. node	-10760 Sep 08 j 11:50	16°♉48'05		
	-10760 Sep 20 j 02:52	0°♊		
	-10760 Oct 15 j 16:46	0°♋		
	-10760 Nov 09 j 19:48	0°♌		
	-10760 Dec 04 j 20:32	0°♍		
	-10760 Dec 29 j 20:13	0°♎		
desc. node	-10760 Dec 30 j 14:11	0°♎54'02		
	-10759 Jan 23 j 16:55	0°♏		
	-10759 Feb 17 j 08:30	0°♐		
morning set	-10759 Feb 21 j 20:32	5°♐30'44		
	-10759 Mar 13 j 18:19	0°♑		
max. Earth dist.	-10759 Mar 24 j 10:30	13°♑12'19	1.72906 AU	
superior conj	-10759 Mar 28 j 22:30	18°♑47'05	-0°49'29	
minimum elong	-10759 Mar 29 j 06:00	19°♑10'21	0°49'48	
	-10759 Apr 06 j 23:13	0°♒		
asc. node	-10759 Apr 20 j 22:08	17°♒22'49		
	-10759 May 01 j 00:48	0°♓		
evening rise	-10759 May 03 j 12:43	3°♓07'03		
	-10759 May 25 j 00:47	0°♈		
	-10759 Jun 18 j 00:53	0°♉		
	-10759 Jul 12 j 03:13	0°♊		
	-10759 Aug 05 j 10:22	0°♋		
desc. node	-10759 Aug 12 j 02:43	8°♋10'55		
	-10759 Aug 30 j 01:51	0°♌		
	-10759 Sep 24 j 07:44	0°♍		
	-10759 Oct 20 j 19:15	0°♎		
evening max el	-10759 Nov 06 j 10:51	17°♎24'05	45°40'37	
	-10759 Nov 19 j 22:02	0°♏		
asc. node	-10759 Dec 01 j 18:16	9°♏17'49		
greatest brilliancy	-10759 Dec 14 j 08:28	16°♏15'43	-4.7m	
retrograde	-10759 Dec 25 j 13:53	18°♏35'20		
evening set	-10758 Jan 11 j 15:57	12°♏57'13		
inferior conj	-10758 Jan 16 j 00:41	10°♏13'51	7°42'07	
minimum elong	-10758 Jan 15 j 19:26	10°♏22'13	7°41'20	
min. Earth dist.	-10758 Jan 16 j 04:37	10°♏07'35	0.29607 AU	
morning rise	-10758 Jan 19 j 22:53	7°♏45'43		
direct	-10758 Feb 06 j 22:04	1°♏40'11		
greatest brilliancy	-10758 Feb 16 j 18:00	3°♏23'46	-4.7m	
desc. node	-10758 Mar 25 j 02:10	28°♏46'41		
	-10758 Mar 26 j 09:26	0°♐		
morning max el	-10758 Mar 28 j 00:07	1°♐31'52	46°07'40	
	-10758 Apr 24 j 11:04	0°♑		
	-10758 May 20 j 17:29	0°♒		
	-10758 Jun 14 j 17:01	0°♓		
	-10758 Jul 08 j 23:35	0°♈		
asc. node	-10758 Jul 14 j 12:17	6°♈54'36		
	-10758 Aug 01 j 21:26	0°♉		
	-10758 Aug 25 j 16:36	0°♊		
	-10758 Sep 18 j 13:34	0°♋		
morning set	-10758 Sep 28 j 18:44	12°♋46'10		
	-10758 Oct 12 j 14:53	0°♌		
desc. node	-10758 Nov 04 j 13:08	28°♌22'16		
	-10758 Nov 05 j 20:50	0°♍		
superior conj	-10758 Nov 09 j 18:43	4°♍49'21	-0°11'47	
minimum elong	-10758 Nov 09 j 15:52	4°♍40'35	0°11'20	
behind sun begin	-10758 Nov 08 j 21:15	3°♍43'12		
behind sun end	-10758 Nov 10 j 10:30	5°♍37'58		
max. Earth dist.	-10758 Nov 13 j 05:45	9°♍05'02	1.72990 AU	
	-10758 Nov 30 j 05:57	0°♎		
evening rise	-10758 Dec 19 j 02:34	23°♎09'03		
	-10758 Dec 24 j 16:36	0°♏		
	-10757 Jan 18 j 04:27	0°♐		
	-10757 Feb 11 j 18:55	0°♑		
asc. node	-10757 Feb 23 j 23:59	14°♑48'04		
	-10757 Mar 08 j 14:28	0°♒		
	-10757 Apr 02 j 17:50	0°♓		
	-10757 Apr 28 j 08:59	0°♈		
	-10757 May 24 j 22:02	0°♉		
evening max el	-10757 Jun 15 j 03:25	22°♉25'26	47°38'28	
desc. node	-10757 Jun 17 j 07:52	24°♉35'59		
	-10757 Jun 22 j 21:47	0°♊		
greatest brilliancy	-10757 Jul 26 j 19:51	24°♊06'12	-4.9m	
retrograde	-10757 Aug 05 j 02:40	25°♊46'01		
evening set	-10757 Aug 22 j 13:00	19°♊49'15		
inferior conj	-10757 Aug 25 j 20:10	17°♊47'33	-8°11'54	
minimum elong	-10757 Aug 26 j 03:32	17°♊36'07	8°10'26	
min. Earth dist.	-10757 Aug 25 j 07:30	18°♊07'14	0.26822 AU	
morning rise	-10757 Aug 29 j 18:16	15°♊24'26		
direct	-10757 Sep 15 j 00:37	10°♊07'35		
greatest brilliancy	-10757 Sep 24 j 16:57	11°♊56'26	-4.9m	
asc. node	-10757 Oct 06 j 23:08	18°♊23'12		
	-10757 Oct 21 j 16:18	0°♋		
morning max el	-10757 Nov 03 j 23:50	12°♋35'26	46°18'09	
	-10757 Nov 20 j 18:21	0°♌		
	-10757 Dec 17 j 21:42	0°♍		
	-10756 Jan 13 j 02:09	0°♎		
desc. node	-10756 Jan 28 j 03:37	17°♎33'50		
	-10756 Feb 07 j 17:07	0°♏		
	-10756 Mar 03 j 20:18	0°♐		
	-10756 Mar 28 j 12:34	0°♑		
	-10756 Apr 21 j 19:38	0°♒		
morning set	-10756 Apr 29 j 06:13	9°♒15'54		
	-10756 May 15 j 19:54	0°♓		
asc. node	-10756 May 18 j 11:15	3°♓18'53		
max. Earth dist.	-10756 Jun 02 j 14:43	22°♓22'13	1.71173 AU	
superior conj	-10756 Jun 05 j 02:07	25°♓29'24	0°39'30	
minimum elong	-10756 Jun 04 j 18:27	25°♓05'15	0°39'05	
	-10756 Jun 08 j 15:57	0°♈		
	-10756 Jul 02 j 10:20	0°♉		
evening rise	-10756 Jul 14 j 02:33	14°♉43'42		
	-10756 Jul 26 j 05:39	0°♊		
	-10756 Aug 19 j 04:16	0°♋		
desc. node	-10756 Sep 08 j 14:10	25°♋22'32		
	-10756 Sep 12 j 07:51	0°♌		
	-10756 Oct 06 j 17:40	0°♍		
	-10756 Oct 31 j 11:49	0°♎		
	-10756 Nov 25 j 20:07	0°♏		
	-10756 Dec 22 j 09:25	0°♐		
asc. node	-10756 Dec 29 j 04:28	7°♐17'50		
evening max el	-10755 Jan 16 j 10:58	25°♐44'25	44°51'41	
	-10755 Jan 21 j 00:49	0°♑		
greatest brilliancy	-10755 Feb 23 j 02:44	22°♑34'55	-4.7m	
retrograde	-10755 Mar 05 j 08:10	24°♑24'53		
evening set	-10755 Mar 21 j 11:55	19°♑35'03		
inferior conj	-10755 Mar 26 j 14:21	16°♑34'37	5°28'56	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

minimum elong	-10755 Mar 26 j 23:29	16°♉20'43	5°26'26
min. Earth dist.	-10755 Mar 27 j 21:26	15°♉47'20	0.28418 AU
morning rise	-10755 Apr 01 j 10:16	13°♉08'14	
direct	-10755 Apr 17 j 09:01	8°♉23'07	
desc. node	-10755 Apr 21 j 13:12	8°♉42'51	
greatest brilliancy	-10755 Apr 28 j 22:58	10°♉47'23	-4.8m
	-10755 May 26 j 19:13	0°♒	
morning max el	-10755 Jun 06 j 11:48	10°♒10'52	46°33'31
	-10755 Jun 25 j 06:19	0°♓	
	-10755 Jul 21 j 07:49	0°♈	
asc. node	-10755 Aug 11 j 01:35	25°♈01'13	
	-10755 Aug 15 j 03:17	0°♉	
	-10755 Sep 08 j 10:37	0°♊	
	-10755 Oct 02 j 15:20	0°♋	
	-10755 Oct 26 j 22:28	0°♌	
	-10755 Nov 20 j 09:20	0°♍	
desc. node	-10755 Dec 02 j 02:43	14°♍20'09	
morning set	-10755 Dec 12 j 21:30	27°♍30'24	
	-10755 Dec 14 j 22:30	0°♎	
	-10754 Jan 08 j 11:28	0°♏	
max. Earth dist.	-10754 Jan 17 j 13:20	11°♏07'06	1.73818 AU
superior conj	-10754 Jan 19 j 17:18	13°♏46'23	-1°18'58
minimum elong	-10754 Jan 19 j 13:47	13°♏35'34	1°19'18
	-10754 Feb 01 j 22:32	0°♐	
evening rise	-10754 Feb 24 j 04:40	27°♐23'01	
	-10754 Feb 26 j 07:37	0°♑	
	-10754 Mar 22 j 15:53	0°♒	
asc. node	-10754 Mar 23 j 11:43	1°♒01'07	
	-10754 Apr 16 j 00:41	0°♓	
	-10754 May 10 j 11:19	0°♈	
	-10754 Jun 04 j 01:35	0°♉	
	-10754 Jun 28 j 23:16	0°♊	
desc. node	-10754 Jul 14 j 18:08	18°♊39'50	
	-10754 Jul 24 j 12:32	0°♋	
	-10754 Aug 20 j 14:28	0°♌	
evening max el	-10754 Aug 25 j 17:42	5°♌19'38	47°26'45
	-10754 Sep 22 j 11:01	0°♍	
greatest brilliancy	-10754 Oct 05 j 05:06	7°♍08'13	-4.9m
retrograde	-10754 Oct 15 j 19:23	9°♍17'38	
evening set	-10754 Oct 30 j 15:59	4°♍45'38	
asc. node	-10754 Nov 03 j 10:02	2°♍28'28	
min. Earth dist.	-10754 Nov 05 j 03:53	1°♍21'09	0.28190 AU
inferior conj	-10754 Nov 05 j 19:50	0°♍55'19	0°34'18
minimum elong	-10754 Nov 05 j 18:39	0°♍57'15	0°34'17
	-10754 Nov 07 j 06:07	30°℞♌	
morning rise	-10754 Nov 11 j 22:16	27°♌09'15	
direct	-10754 Nov 26 j 18:58	22°♌44'10	
greatest brilliancy	-10754 Dec 05 j 17:35	24°♌13'58	-4.8m
	-10754 Dec 17 j 15:47	0°♍	
morning max el	-10753 Jan 14 j 13:20	22°♍42'59	45°58'46
	-10753 Jan 22 j 01:02	0°♎	
	-10753 Feb 19 j 13:03	0°♏	
desc. node	-10753 Feb 24 j 16:26	5°♏41'02	
	-10753 Mar 18 j 02:14	0°♐	
	-10753 Apr 12 j 13:11	0°♑	
	-10753 May 07 j 06:16	0°♒	
	-10753 May 31 j 10:57	0°♓	
asc. node	-10753 Jun 16 j 00:54	19°♓33'12	
	-10753 Jun 24 j 07:45	0°♈	
greatest brilliancy	-10753 Jun 24 j 13:09	0°♈17'04	-3.9m
morning set	-10753 Jul 10 j 11:57	20°♈27'20	
	-10753 Jul 18 j 00:47	0°♉	
	-10753 Aug 10 j 17:46	0°♊	
superior conj	-10753 Aug 20 j 14:33	12°♊26'53	1°20'14
minimum elong	-10753 Aug 20 j 20:35	12°♊45'54	1°20'43
max. Earth dist.	-10753 Aug 27 j 02:08	20°♊36'27	1.71032 AU
	-10753 Sep 03 j 13:38	0°♋	
	-10753 Sep 27 j 14:00	0°♌	
evening rise	-10753 Oct 03 j 01:07	6°♌47'19	
desc. node	-10753 Oct 07 j 02:19	11°♌48'50	
	-10753 Oct 21 j 19:09	0°♍	
	-10753 Nov 15 j 04:37	0°♎	
	-10753 Dec 09 j 18:48	0°♏	
	-10752 Jan 03 j 16:24	0°♐	
asc. node	-10752 Jan 26 j 15:06	27°♐05'18	
	-10752 Jan 29 j 03:13	0°♑	
	-10752 Feb 24 j 13:36	0°♒	
	-10752 Mar 23 j 23:44	0°♓	
evening max el	-10752 Mar 29 j 22:28	5°♓47'44	45°52'24
	-10752 Apr 29 j 02:24	0°♈	
greatest brilliancy	-10752 May 08 j 14:36	4°♈26'07	-4.8m
retrograde	-10752 May 18 j 08:34	6°♈09'27	
desc. node	-10752 May 18 j 23:57	6°♈08'58	
evening set	-10752 Jun 02 j 03:57	2°♈02'15	
	-10752 Jun 05 j 20:21	30°℞♓	
inferior conj	-10752 Jun 08 j 04:46	28°♓37'09	-4°43'03
minimum elong	-10752 Jun 07 j 19:24	28°♓50'59	4°40'40
min. Earth dist.	-10752 Jun 08 j 03:18	28°♓39'18	0.26593 AU
morning rise	-10752 Jun 13 j 10:25	25°♓36'28	
direct	-10752 Jun 28 j 18:33	21°♓04'47	
greatest brilliancy	-10752 Jul 09 j 18:00	23°♓18'45	-4.9m
	-10752 Jul 21 j 21:44	0°♈	
morning max el	-10752 Aug 18 j 09:05	24°♈16'18	46°41'37
	-10752 Aug 23 j 21:15	0°♉	
asc. node	-10752 Sep 07 j 13:56	16°♉03'33	
	-10752 Sep 19 j 19:09	0°♊	
	-10752 Oct 15 j 06:51	0°♋	
	-10752 Nov 09 j 08:42	0°♌	
	-10752 Dec 04 j 08:42	0°♍	
	-10752 Dec 29 j 07:53	0°♎	
desc. node	-10752 Dec 29 j 16:22	0°♎25'31	
	-10751 Jan 23 j 04:13	0°♏	
	-10751 Feb 16 j 19:34	0°♐	
morning set	-10751 Feb 19 j 15:44	3°♐28'38	
	-10751 Mar 13 j 05:17	0°♑	
max. Earth dist.	-10751 Mar 22 j 09:08	11°♑19'45	1.72959 AU
superior conj	-10751 Mar 26 j 18:10	16°♑45'13	-0°51'46
minimum elong	-10751 Mar 27 j 01:48	17°♑08'51	0°52'05
	-10751 Apr 06 j 10:13	0°♒	
asc. node	-10751 Apr 20 j 00:21	16°♒55'06	
	-10751 Apr 30 j 11:58	0°♓	
evening rise	-10751 May 01 j 07:05	0°♓59'39	
	-10751 May 24 j 12:13	0°♈	
	-10751 Jun 17 j 12:38	0°♉	
	-10751 Jul 11 j 15:19	0°♊	
	-10751 Aug 04 j 22:55	0°♋	
desc. node	-10751 Aug 11 j 04:52	7°♋38'41	
	-10751 Aug 29 j 15:06	0°♌	
	-10751 Sep 23 j 22:15	0°♍	
	-10751 Oct 20 j 12:49	0°♎	
evening max el	-10751 Nov 04 j 03:02	15°♎11'30	45°44'02
	-10751 Nov 20 j 03:49	0°♏	
asc. node	-10751 Nov 30 j 20:35	8°♏06'02	
greatest brilliancy	-10751 Dec 12 j 01:02	14°♏07'59	-4.7m
retrograde	-10751 Dec 23 j 08:11	16°♏29'11	
evening set	-10750 Jan 09 j 07:23	10°♏53'30	
inferior conj	-10750 Jan 13 j 18:12	8°♏06'48	7°36'28
minimum elong	-10750 Jan 13 j 12:27	8°♏15'57	7°35'36
min. Earth dist.	-10750 Jan 13 j 20:27	8°♏03'12	0.29596 AU
morning rise	-10750 Jan 17 j 17:34	5°♏36'57	
	-10750 Jan 30 j 21:28	30°℞♎	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

direct	-10750 Feb 04 j 15:27	29°♎33'14	
	-10750 Feb 09 j 12:35	0°♏	
greatest brilliancy	-10750 Feb 14 j 09:09	1°♏15'27	-4.7m
desc. node	-10750 Mar 24 j 04:12	27°♏56'41	
morning max el	-10750 Mar 25 j 17:30	29°♏25'10	46°06'59
	-10750 Mar 26 j 08:04	0°♐	
	-10750 Apr 24 j 03:01	0°♑	
	-10750 May 20 j 07:09	0°♒	
	-10750 Jun 14 j 05:40	0°♓	
	-10750 Jul 08 j 11:44	0°♈	
asc. node	-10750 Jul 13 j 14:32	6°♈23'56	
	-10750 Aug 01 j 09:18	0°♉	
	-10750 Aug 25 j 04:18	0°♊	
	-10750 Sep 18 j 01:08	0°♋	
morning set	-10750 Sep 26 j 04:23	10°♋10'31	
	-10750 Oct 12 j 02:20	0°♌	
desc. node	-10750 Nov 03 j 15:22	27°♌54'09	
	-10750 Nov 05 j 08:10	0°♍	
superior conj	-10750 Nov 07 j 06:18	2°♍22'15	-0°08'11
minimum elong	-10750 Nov 07 j 04:19	2°♍16'08	0°07'47
behind sun begin	-10750 Nov 06 j 05:16	1°♍05'04	
behind sun end	-10750 Nov 08 j 03:22	3°♍27'12	
max. Earth dist.	-10750 Nov 10 j 23:16	6°♍56'23	1.72932 AU
	-10750 Nov 29 j 17:12	0°♎	
evening rise	-10750 Dec 16 j 19:00	20°♎57'52	
	-10750 Dec 24 j 03:50	0°♏	
	-10749 Jan 17 j 15:49	0°♐	
	-10749 Feb 11 j 06:37	0°♑	
asc. node	-10749 Feb 23 j 02:07	14°♑18'22	
	-10749 Mar 08 j 02:47	0°♒	
	-10749 Apr 02 j 07:10	0°♓	
	-10749 Apr 27 j 23:59	0°♈	
	-10749 May 24 j 16:23	0°♉	
evening max el	-10749 Jun 12 j 18:16	20°♉02'49	47°36'06
desc. node	-10749 Jun 16 j 10:09	23°♉40'06	
	-10749 Jun 23 j 02:08	0°♊	
greatest brilliancy	-10749 Jul 24 j 08:15	21°♊35'44	-4.9m
retrograde	-10749 Aug 02 j 16:11	23°♊15'55	
evening set	-10749 Aug 20 j 04:22	17°♊16'11	
inferior conj	-10749 Aug 23 j 09:02	15°♊18'19	-8°20'34
minimum elong	-10749 Aug 23 j 15:48	15°♊07'50	8°19'15
min. Earth dist.	-10749 Aug 22 j 19:45	15°♊38'55	0.26796 AU
morning rise	-10749 Aug 27 j 03:26	13°♊00'57	
direct	-10749 Sep 12 j 13:59	7°♊39'30	
greatest brilliancy	-10749 Sep 22 j 05:34	9°♊27'57	-4.9m
asc. node	-10749 Oct 06 j 01:23	16°♊59'38	
	-10749 Oct 21 j 22:23	0°♋	
morning max el	-10749 Nov 01 j 14:12	10°♋13'26	46°19'02
	-10749 Nov 20 j 12:47	0°♌	
	-10749 Dec 17 j 12:36	0°♍	
	-10748 Jan 12 j 15:21	0°♎	
desc. node	-10748 Jan 27 j 05:45	17°♎03'11	
	-10748 Feb 07 j 05:21	0°♏	
	-10748 Mar 03 j 07:58	0°♐	
	-10748 Mar 27 j 23:56	0°♑	
	-10748 Apr 21 j 06:52	0°♒	
morning set	-10748 Apr 27 j 00:32	7°♒08'25	
	-10748 May 15 j 07:08	0°♓	
asc. node	-10748 May 17 j 13:32	2°♓50'47	
max. Earth dist.	-10748 May 30 j 23:07	19°♓42'07	1.71222 AU
superior conj	-10748 Jun 02 j 17:38	23°♓11'36	0°36'31
minimum elong	-10748 Jun 02 j 10:29	22°♓49'04	0°36'04
	-10748 Jun 08 j 03:13	0°♈	
	-10748 Jul 01 j 21:42	0°♉	
evening rise	-10748 Jul 11 j 13:50	12°♉11'53	
	-10748 Jul 25 j 17:10	0°♊	
	-10748 Aug 18 j 15:57	0°♋	
desc. node	-10748 Sep 07 j 16:14	24°♋52'15	
	-10748 Sep 11 j 19:46	0°♌	
	-10748 Oct 06 j 05:52	0°♍	
	-10748 Oct 31 j 00:33	0°♎	
	-10748 Nov 25 j 10:00	0°♏	
	-10748 Dec 22 j 02:01	0°♐	
asc. node	-10748 Dec 28 j 06:48	6°♐37'08	
evening max el	-10747 Jan 14 j 01:35	23°♐30'25	44°51'32
	-10747 Jan 21 j 02:47	0°♑	
greatest brilliancy	-10747 Feb 20 j 17:44	20°♑23'31	-4.7m
retrograde	-10747 Mar 02 j 22:24	22°♑13'15	
evening set	-10747 Mar 19 j 05:34	17°♑19'22	
inferior conj	-10747 Mar 24 j 05:37	14°♑21'57	5°43'07
minimum elong	-10747 Mar 24 j 14:46	14°♑08'00	5°40'41
min. Earth dist.	-10747 Mar 25 j 13:01	13°♑34'02	0.28493 AU
morning rise	-10747 Mar 29 j 23:09	10°♑58'07	
direct	-10747 Apr 15 j 00:33	6°♑08'57	
desc. node	-10747 Apr 20 j 15:33	6°♑44'15	
greatest brilliancy	-10747 Apr 26 j 14:18	8°♑32'14	-4.8m
	-10747 May 26 j 22:40	0°♒	
morning max el	-10747 Jun 04 j 01:50	7°♒49'34	46°32'48
	-10747 Jun 24 j 23:54	0°♓	
	-10747 Jul 20 j 22:26	0°♈	
asc. node	-10747 Aug 10 j 03:40	24°♈26'32	
	-10747 Aug 14 j 16:32	0°♉	
	-10747 Sep 07 j 23:08	0°♊	
	-10747 Oct 02 j 03:25	0°♋	
	-10747 Oct 26 j 10:14	0°♌	
	-10747 Nov 19 j 20:50	0°♍	
desc. node	-10747 Dec 01 j 04:52	13°♍51'55	
morning set	-10747 Dec 10 j 12:11	25°♍14'10	
	-10747 Dec 14 j 09:47	0°♎	
	-10746 Jan 07 j 22:35	0°♏	
max. Earth dist.	-10746 Jan 15 j 09:12	9°♏06'56	1.73816 AU
superior conj	-10746 Jan 17 j 11:33	11°♏41'13	-1°18'16
minimum elong	-10746 Jan 17 j 07:27	11°♏28'38	1°18'35
	-10746 Feb 01 j 09:36	0°♐	
evening rise	-10746 Feb 22 j 00:19	25°♐21'28	
	-10746 Feb 25 j 18:46	0°♑	
	-10746 Mar 22 j 03:15	0°♒	
asc. node	-10746 Mar 22 j 13:56	0°♒32'53	
	-10746 Apr 15 j 12:26	0°♓	
	-10746 May 09 j 23:36	0°♈	
	-10746 Jun 03 j 14:36	0°♉	
	-10746 Jun 28 j 13:22	0°♊	
desc. node	-10746 Jul 13 j 20:19	18°♊02'10	
	-10746 Jul 24 j 04:33	0°♋	
	-10746 Aug 20 j 11:12	0°♌	
evening max el	-10746 Aug 23 j 08:12	2°♌57'50	47°29'29
	-10746 Sep 23 j 12:56	0°♍	
greatest brilliancy	-10746 Oct 02 j 23:32	4°♍54'08	-4.9m
retrograde	-10746 Oct 13 j 11:27	7°♍01'48	
evening set	-10746 Oct 28 j 08:53	2°♍29'16	
	-10746 Nov 01 j 10:38	30°℞♌	
asc. node	-10746 Nov 02 j 12:22	29°♌18'37	
min. Earth dist.	-10746 Nov 02 j 20:39	29°♌05'14	0.28129 AU
inferior conj	-10746 Nov 03 j 12:09	28°♌40'08	0°14'09
minimum elong	-10746 Nov 03 j 11:39	28°♌40'57	0°14'22
transit middle	-10746 Nov 03 j 11:39	28°♌40'57	0°14'22
transit begin	-10746 Nov 03 j 09:40	28°♌44'10	
transit end	-10746 Nov 03 j 13:38	28°♌37'44	
morning rise	-10746 Nov 09 j 15:18	24°♌52'59	
direct	-10746 Nov 24 j 09:52	20°♌29'57	
greatest brilliancy	-10746 Dec 03 j 10:01	22°♌00'49	-4.8m

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10746 Dec 18 j 16:57	0°♍		
morning max el	-10745 Jan 12 j 04:21	20°♍29'56	45°59'00	
	-10745 Jan 21 j 21:07	0°♎		
	-10745 Feb 19 j 04:14	0°♏		
desc. node	-10745 Feb 23 j 18:30	5°♏05'52		
	-10745 Mar 17 j 15:27	0°♐		
	-10745 Apr 12 j 01:26	0°♑		
	-10745 May 06 j 17:59	0°♒		
	-10745 May 30 j 22:25	0°♓		
asc. node	-10745 Jun 15 j 03:03	19°♓04'03		
	-10745 Jun 23 j 19:08	0°♈		
greatest brilliancy	-10745 Jun 24 j 02:10	0°♈22'13	-3.9m	
morning set	-10745 Jul 07 j 23:49	17°♈56'57		
	-10745 Jul 17 j 12:10	0°♉		
	-10745 Aug 10 j 05:09	0°♊		
superior conj	-10745 Aug 17 j 23:27	9°♊47'52	1°21'12	
minimum elong	-10745 Aug 18 j 04:28	10°♊03'38	1°21'41	
max. Earth dist.	-10745 Aug 24 j 01:28	17°♊27'40	1.70982 AU	
	-10745 Sep 03 j 01:00	0°♋		
	-10745 Sep 27 j 01:21	0°♌		
evening rise	-10745 Sep 30 j 09:27	4°♌08'55		
desc. node	-10745 Oct 06 j 04:35	11°♌20'39		
	-10745 Oct 21 j 06:30	0°♍		
	-10745 Nov 14 j 16:05	0°♎		
	-10745 Dec 09 j 06:32	0°♏		
	-10744 Jan 03 j 04:42	0°♐		
asc. node	-10744 Jan 25 j 17:13	26°♐32'45		
	-10744 Jan 28 j 16:42	0°♑		
	-10744 Feb 24 j 05:32	0°♒		
	-10744 Mar 23 j 22:03	0°♓		
evening max el	-10744 Mar 27 j 11:29	3°♓26'15	45°48'57	
	-10744 May 01 j 05:25	0°♈		
greatest brilliancy	-10744 May 06 j 01:18	1°♈58'05	-4.8m	
retrograde	-10744 May 15 j 20:45	3°♈42'25		
desc. node	-10744 May 18 j 02:12	3°♈36'37		
	-10744 May 29 j 20:01	30°ᴿ♓		
evening set	-10744 May 30 j 13:34	29°♓37'42		
inferior conj	-10744 Jun 05 j 16:37	26°♓09'58	-4°22'22	
minimum elong	-10744 Jun 05 j 07:44	26°♓23'06	4°20'05	
min. Earth dist.	-10744 Jun 05 j 16:21	26°♓10'23	0.26625 AU	
morning rise	-10744 Jun 11 j 01:26	23°♓05'26		
direct	-10744 Jun 26 j 07:25	18°♓36'42		
greatest brilliancy	-10744 Jul 07 j 08:10	20°♓52'13	-4.9m	
	-10744 Jul 22 j 20:53	0°♈		
morning max el	-10744 Aug 15 j 22:55	21°♈49'50	46°42'01	
	-10744 Aug 23 j 18:11	0°♉		
asc. node	-10744 Sep 06 j 16:09	15°♉19'59		
	-10744 Sep 19 j 11:08	0°♊		
	-10744 Oct 14 j 20:46	0°♋		
	-10744 Nov 08 j 21:27	0°♌		
	-10744 Dec 03 j 20:44	0°♍		
desc. node	-10744 Dec 28 j 18:27	29°♍57'06		
	-10744 Dec 28 j 19:25	0°♎		
	-10743 Jan 22 j 15:25	0°♏		
	-10743 Feb 16 j 06:33	0°♐		
morning set	-10743 Feb 17 j 10:52	1°♐26'38		
	-10743 Mar 12 j 16:11	0°♑		
max. Earth dist.	-10743 Mar 20 j 06:51	9°♑24'34	1.73010 AU	
superior conj	-10743 Mar 24 j 13:47	14°♑43'19	-0°54'00	
minimum elong	-10743 Mar 24 j 21:28	15°♑07'10	0°54'18	
	-10743 Apr 05 j 21:09	0°♒		
asc. node	-10743 Apr 19 j 02:36	16°♒27'48		
evening rise	-10743 Apr 29 j 01:23	28°♒52'23		
	-10743 Apr 29 j 23:04	0°♓		
	-10743 May 23 j 23:32	0°♈		
	-10743 Jun 17 j 00:15	0°♉		
	-10743 Jul 11 j 03:17	0°♊		
	-10743 Aug 04 j 11:23	0°♋		
desc. node	-10743 Aug 10 j 07:00	7°♋06'43		
	-10743 Aug 29 j 04:17	0°♌		
	-10743 Sep 23 j 12:47	0°♍		
	-10743 Oct 20 j 06:36	0°♎		
evening max el	-10743 Nov 01 j 20:00	13°♎01'15	45°47'31	
	-10743 Nov 20 j 11:38	0°♏		
asc. node	-10743 Nov 29 j 22:51	6°♏52'44		
greatest brilliancy	-10743 Dec 09 j 18:06	12°♏01'30	-4.7m	
retrograde	-10743 Dec 21 j 02:27	14°♏23'34		
evening set	-10742 Jan 06 j 22:50	8°♏50'49		
inferior conj	-10742 Jan 11 j 11:46	6°♏00'31	7°30'11	
minimum elong	-10742 Jan 11 j 05:35	6°♏10'24	7°29'14	
min. Earth dist.	-10742 Jan 11 j 12:17	5°♏59'42	0.29581 AU	
morning rise	-10742 Jan 15 j 12:26	3°♏28'37		
	-10742 Jan 22 j 00:47	30°ᴿ♎		
direct	-10742 Feb 02 j 09:05	27°♎27'19		
greatest brilliancy	-10742 Feb 11 j 23:50	29°♎07'26	-4.7m	
	-10742 Feb 14 j 09:12	0°♏		
desc. node	-10742 Mar 23 j 06:34	27°♏08'56		
morning max el	-10742 Mar 23 j 10:40	27°♏18'42	46°06'08	
	-10742 Mar 26 j 05:36	0°♐		
	-10742 Apr 23 j 18:32	0°♑		
	-10742 May 19 j 20:35	0°♒		
	-10742 Jun 13 j 18:06	0°♓		
	-10742 Jul 07 j 23:39	0°♈		
asc. node	-10742 Jul 12 j 16:38	5°♈53'23		
	-10742 Jul 31 j 20:55	0°♉		
	-10742 Aug 24 j 15:44	0°♊		
	-10742 Sep 17 j 12:27	0°♋		
morning set	-10742 Sep 23 j 13:57	7°♋35'12		
	-10742 Oct 11 j 13:34	0°♌		
desc. node	-10742 Nov 02 j 17:30	27°♌26'23		
superior conj	-10742 Nov 04 j 17:36	29°♌54'48	-0°04'34	
minimum elong	-10742 Nov 04 j 16:32	29°♌51'29	0°04'09	
behind sun begin	-10742 Nov 03 j 15:06	28°♌33'00		
behind sun end	-10742 Nov 05 j 17:57	1°♍09'56		
	-10742 Nov 04 j 19:17	0°♍		
max. Earth dist.	-10742 Nov 08 j 17:41	4°♍51'02	1.72873 AU	
	-10742 Nov 29 j 04:14	0°♎		
evening rise	-10742 Dec 14 j 11:15	18°♎46'45		
	-10742 Dec 23 j 14:50	0°♏		
	-10741 Jan 17 j 02:56	0°♐		
	-10741 Feb 10 j 18:04	0°♑		
asc. node	-10741 Feb 22 j 04:23	13°♑49'54		
	-10741 Mar 07 j 14:53	0°♒		
	-10741 Apr 01 j 20:21	0°♓		
	-10741 Apr 27 j 14:59	0°♈		
	-10741 May 24 j 10:59	0°♉		
evening max el	-10741 Jun 10 j 08:57	17°♉40'16	47°33'36	
desc. node	-10741 Jun 15 j 12:21	22°♉43'19		
	-10741 Jun 23 j 08:09	0°♊		
greatest brilliancy	-10741 Jul 21 j 21:04	19°♊06'19	-4.9m	
retrograde	-10741 Jul 31 j 05:16	20°♊46'05		
evening set	-10741 Aug 17 j 19:24	14°♊44'13		
inferior conj	-10741 Aug 20 j 21:49	12°♊49'44	-8°28'13	
minimum elong	-10741 Aug 21 j 03:54	12°♊40'19	8°27'05	
min. Earth dist.	-10741 Aug 20 j 08:10	13°♊10'55	0.26765 AU	
morning rise	-10741 Aug 24 j 12:36	10°♊37'47		
direct	-10741 Sep 10 j 02:59	5°♊12'12		
greatest brilliancy	-10741 Sep 19 j 18:18	7°♊00'15	-4.9m	
asc. node	-10741 Oct 05 j 03:46	15°♊39'53		
	-10741 Oct 22 j 02:12	0°♋		
morning max el	-10741 Oct 30 j 03:31	7°♋49'29	46°19'51	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10741 Nov 20 j 06:27	0°♌	
	-10741 Dec 17 j 03:01	0°♍	
	-10740 Jan 12 j 04:10	0°♎	
desc. node	-10740 Jan 26 j 07:47	16°♎33'14	
	-10740 Feb 06 j 17:14	0°♏	
	-10740 Mar 02 j 19:18	0°♐	
	-10740 Mar 27 j 10:58	0°♑	
	-10740 Apr 20 j 17:48	0°♒	
morning set	-10740 Apr 24 j 18:57	5°♒02'17	
	-10740 May 14 j 18:04	0°♓	
asc. node	-10740 May 16 j 15:42	2°♓23'12	
max. Earth dist.	-10740 May 28 j 08:21	17°♓05'30	1.71279 AU
superior conj	-10740 May 31 j 09:13	20°♓54'54	0°33'27
minimum elong	-10740 May 31 j 02:36	20°♓34'04	0°33'00
	-10740 Jun 07 j 14:15	0°♈	
	-10740 Jul 01 j 08:51	0°♉	
evening rise	-10740 Jul 09 j 01:07	9°♉40'50	
	-10740 Jul 25 j 04:28	0°♊	
	-10740 Aug 18 j 03:24	0°♋	
desc. node	-10740 Sep 06 j 18:33	24°♋23'33	
	-10740 Sep 11 j 07:24	0°♌	
	-10740 Oct 05 j 17:47	0°♍	
	-10740 Oct 30 j 13:03	0°♎	
	-10740 Nov 24 j 23:42	0°♏	
	-10740 Dec 21 j 18:37	0°♐	
asc. node	-10740 Dec 27 j 09:02	5°♐56'32	
evening max el	-10739 Jan 11 j 15:47	21°♐16'21	44°51'34
	-10739 Jan 21 j 05:49	0°♑	
greatest brilliancy	-10739 Feb 18 j 08:30	18°♑13'09	-4.7m
retrograde	-10739 Feb 28 j 13:02	20°♑03'24	
evening set	-10739 Mar 16 j 23:20	15°♑05'10	
inferior conj	-10739 Mar 21 j 21:03	12°♑10'56	5°56'32
minimum elong	-10739 Mar 22 j 06:10	11°♑57'00	5°54'11
min. Earth dist.	-10739 Mar 23 j 04:49	11°♑22'24	0.28567 AU
morning rise	-10739 Mar 27 j 12:10	8°♑49'59	
direct	-10739 Apr 12 j 15:58	3°♑56'22	
desc. node	-10739 Apr 19 j 17:42	4°♑51'26	
greatest brilliancy	-10739 Apr 24 j 06:07	6°♑19'23	-4.8m
	-10739 May 27 j 00:08	0°♒	
morning max el	-10739 Jun 01 j 16:18	5°♒30'37	46°31'58
	-10739 Jun 24 j 16:48	0°♓	
	-10739 Jul 20 j 12:38	0°♈	
asc. node	-10739 Aug 09 j 05:54	23°♈53'06	
	-10739 Aug 14 j 05:30	0°♉	
	-10739 Sep 07 j 11:25	0°♊	
	-10739 Oct 01 j 15:15	0°♋	
	-10739 Oct 25 j 21:43	0°♌	
	-10739 Nov 19 j 08:02	0°♍	
desc. node	-10739 Nov 30 j 06:55	13°♍24'13	
morning set	-10739 Dec 08 j 02:32	22°♍57'42	
	-10739 Dec 13 j 20:46	0°♎	
	-10738 Jan 07 j 09:27	0°♏	
max. Earth dist.	-10738 Jan 13 j 04:13	7°♏04'58	1.73816 AU
superior conj	-10738 Jan 15 j 05:43	9°♏36'38	-1°17'28
minimum elong	-10738 Jan 15 j 01:04	9°♏22'22	1°17'45
	-10738 Jan 31 j 20:25	0°♐	
evening rise	-10738 Feb 19 j 20:04	23°♐21'04	
greatest brilliancy	-10738 Feb 20 j 01:04	23°♐36'27	-3.9m
	-10738 Feb 25 j 05:40	0°♑	
asc. node	-10738 Mar 21 j 16:17	0°♒05'58	
	-10738 Mar 21 j 14:21	0°♒	
	-10738 Apr 14 j 23:53	0°♓	
	-10738 May 09 j 11:36	0°♈	
	-10738 Jun 03 j 03:23	0°♉	
	-10738 Jun 28 j 03:20	0°♊	
desc. node	-10738 Jul 12 j 22:29	17°♊24'49	
	-10738 Jul 23 j 20:36	0°♋	
	-10738 Aug 20 j 08:29	0°♌	
evening max el	-10738 Aug 20 j 22:47	0°♌36'35	47°32'05
	-10738 Sep 25 j 01:45	0°♍	
greatest brilliancy	-10738 Sep 30 j 17:31	2°♍39'08	-4.9m
retrograde	-10738 Oct 11 j 03:39	4°♍45'37	
evening set	-10738 Oct 26 j 01:40	0°♍12'04	
	-10738 Oct 26 j 10:04	30°℞♌	
min. Earth dist.	-10738 Oct 31 j 13:05	26°♌48'57	0.28069 AU
inferior conj	-10738 Nov 01 j 04:14	26°♌24'28	-0°06'10
minimum elong	-10738 Nov 01 j 04:26	26°♌24'09	0°05'44
transit middle	-10738 Nov 01 j 04:26	26°♌24'09	0°05'44
transit begin	-10738 Nov 01 j 00:41	26°♌30'12	
transit end	-10738 Nov 01 j 08:11	26°♌18'05	
asc. node	-10738 Nov 01 j 14:34	26°♌07'46	
morning rise	-10738 Nov 07 j 08:00	22°♌36'39	
direct	-10738 Nov 22 j 00:30	18°♌15'10	
greatest brilliancy	-10738 Dec 01 j 02:06	19°♌47'17	-4.8m
	-10738 Dec 19 j 11:23	0°♍	
morning max el	-10737 Jan 09 j 19:59	18°♍18'46	45°59'19
	-10737 Jan 21 j 16:25	0°♎	
	-10737 Feb 18 j 19:00	0°♏	
desc. node	-10737 Feb 22 j 20:47	4°♏32'12	
	-10737 Mar 17 j 04:23	0°♐	
	-10737 Apr 11 j 13:26	0°♑	
	-10737 May 06 j 05:29	0°♒	
	-10737 May 30 j 09:39	0°♓	
asc. node	-10737 Jun 14 j 05:12	18°♓35'37	
	-10737 Jun 23 j 06:16	0°♈	
greatest brilliancy	-10737 Jun 23 j 12:10	0°♈18'39	-3.9m
morning set	-10737 Jul 05 j 12:16	15°♈29'12	
	-10737 Jul 16 j 23:18	0°♉	
	-10737 Aug 09 j 16:19	0°♊	
superior conj	-10737 Aug 15 j 08:29	7°♊09'45	1°21'57
minimum elong	-10737 Aug 15 j 12:25	7°♊22'08	1°22'28
max. Earth dist.	-10737 Aug 21 j 02:47	14°♊25'34	1.70944 AU
	-10737 Sep 02 j 12:11	0°♋	
	-10737 Sep 26 j 12:34	0°♌	
evening rise	-10737 Sep 27 j 17:21	1°♌29'29	
desc. node	-10737 Oct 05 j 06:45	10°♌52'30	
	-10737 Oct 20 j 17:46	0°♍	
	-10737 Nov 14 j 03:28	0°♎	
	-10737 Dec 08 j 18:11	0°♏	
	-10736 Jan 02 j 16:57	0°♐	
asc. node	-10736 Jan 24 j 19:32	26°♐00'58	
	-10736 Jan 28 j 06:10	0°♑	
	-10736 Feb 23 j 21:38	0°♒	
	-10736 Mar 23 j 21:10	0°♓	
evening max el	-10736 Mar 25 j 01:31	1°♓07'47	45°45'33
greatest brilliancy	-10736 May 03 j 11:59	29°♓30'50	-4.8m
	-10736 May 05 j 00:49	0°♈	
retrograde	-10736 May 13 j 09:07	1°♈16'02	
desc. node	-10736 May 17 j 04:22	0°♈59'05	
	-10736 May 21 j 10:06	30°℞♓	
evening set	-10736 May 27 j 23:32	27°♓13'49	
inferior conj	-10736 Jun 03 j 04:30	23°♓43'35	-4°01'15
minimum elong	-10736 Jun 02 j 20:08	23°♓55'55	3°59'05
min. Earth dist.	-10736 Jun 03 j 05:17	23°♓42'26	0.26654 AU
morning rise	-10736 Jun 08 j 16:19	20°♓35'18	
direct	-10736 Jun 23 j 20:43	16°♓09'38	
greatest brilliancy	-10736 Jul 04 j 21:43	18°♓25'46	-4.9m
	-10736 Jul 23 j 13:46	0°♈	
morning max el	-10736 Aug 13 j 12:52	19°♈24'27	46°42'19
	-10736 Aug 23 j 14:12	0°♉	
asc. node	-10736 Sep 05 j 18:31	14°♉37'58	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10736 Sep 19 j 02:42	0°♊		
	-10736 Oct 14 j 10:26	0°♋		
	-10736 Nov 08 j 10:06	0°♌		
	-10736 Dec 03 j 08:42	0°♍		
desc. node	-10736 Dec 27 j 20:35	29°♍28'54		
	-10736 Dec 28 j 06:55	0°♎		
	-10735 Jan 22 j 02:34	0°♏		
morning set	-10735 Feb 15 j 05:46	29°♏24'05		
	-10735 Feb 15 j 17:30	0°♐		
	-10735 Mar 12 j 03:03	0°♑		
max. Earth dist.	-10735 Mar 18 j 03:28	7°♑26'10	1.73061 AU	
superior conj	-10735 Mar 22 j 09:18	12°♑41'20	-0°56'08	
minimum elong	-10735 Mar 22 j 17:02	13°♑05'15	0°56'29	
	-10735 Apr 05 j 08:06	0°♒		
asc. node	-10735 Apr 18 j 04:45	16°♒00'06		
evening rise	-10735 Apr 26 j 19:47	26°♒45'22		
	-10735 Apr 29 j 10:11	0°♓		
	-10735 May 23 j 10:54	0°♈		
	-10735 Jun 16 j 11:53	0°♉		
	-10735 Jul 10 j 15:15	0°♊		
	-10735 Aug 03 j 23:48	0°♋		
desc. node	-10735 Aug 09 j 09:22	6°♋35'40		
	-10735 Aug 28 j 17:27	0°♌		
	-10735 Sep 23 j 03:25	0°♍		
	-10735 Oct 20 j 00:46	0°♎		
evening max el	-10735 Oct 30 j 12:59	10°♎50'51	45°50'49	
	-10735 Nov 20 j 22:25	0°♏		
asc. node	-10735 Nov 29 j 01:07	5°♏36'53		
greatest brilliancy	-10735 Dec 07 j 11:54	9°♏55'25	-4.7m	
retrograde	-10735 Dec 18 j 20:18	12°♏17'22		
evening set	-10734 Jan 04 j 14:15	6°♏47'59		
inferior conj	-10734 Jan 09 j 05:22	3°♏53'54	7°23'14	
minimum elong	-10734 Jan 08 j 22:45	4°♏04'30	7°22'13	
min. Earth dist.	-10734 Jan 09 j 04:26	3°♏55'24	0.29562 AU	
morning rise	-10734 Jan 13 j 07:25	1°♏19'35		
	-10734 Jan 15 j 13:47	30°℞♎		
direct	-10734 Jan 31 j 02:38	25°♎21'09		
greatest brilliancy	-10734 Feb 09 j 14:44	26°♎59'09	-4.7m	
	-10734 Feb 16 j 16:18	0°♏		
morning max el	-10734 Mar 21 j 03:03	25°♏10'08	46°05'17	
desc. node	-10734 Mar 22 j 08:43	26°♏21'11		
	-10734 Mar 26 j 02:31	0°♐		
	-10734 Apr 23 j 09:56	0°♑		
	-10734 May 19 j 09:59	0°♒		
	-10734 Jun 13 j 06:35	0°♓		
	-10734 Jul 07 j 11:38	0°♈		
asc. node	-10734 Jul 11 j 18:50	5°♈22'58		
	-10734 Jul 31 j 08:37	0°♉		
	-10734 Aug 24 j 03:14	0°♊		
	-10734 Sep 16 j 23:49	0°♋		
morning set	-10734 Sep 20 j 23:56	5°♋00'52		
	-10734 Oct 11 j 00:49	0°♌		
desc. node	-10734 Nov 01 j 19:35	26°♌58'19		
superior conj	-10734 Nov 02 j 05:05	27°♌27'39	-0°00'54	
minimum elong	-10734 Nov 02 j 04:55	27°♌27'10	0°00'31	
behind sun begin	-10734 Nov 01 j 02:46	26°♌06'26		
behind sun end	-10734 Nov 03 j 07:04	28°♌47'53		
	-10734 Nov 04 j 06:27	0°♍		
max. Earth dist.	-10734 Nov 06 j 13:41	2°♍50'20	1.72814 AU	
	-10734 Nov 28 j 15:20	0°♎		
evening rise	-10734 Dec 12 j 03:26	16°♎35'05		
	-10734 Dec 23 j 01:57	0°♏		
	-10733 Jan 16 j 14:12	0°♐		
	-10733 Feb 10 j 05:43	0°♑		
asc. node	-10733 Feb 21 j 06:44	13°♑21'07		
	-10733 Mar 07 j 03:13	0°♒		
	-10733 Apr 01 j 09:47	0°♓		
	-10733 Apr 27 j 06:20	0°♈		
	-10733 May 24 j 06:15	0°♉		
evening max el	-10733 Jun 07 j 22:46	15°♉14'54	47°30'51	
desc. node	-10733 Jun 14 j 14:35	21°♉44'44		
	-10733 Jun 23 j 16:43	0°♊		
greatest brilliancy	-10733 Jul 19 j 10:29	16°♊36'49	-4.9m	
retrograde	-10733 Jul 28 j 17:46	18°♊15'30		
evening set	-10733 Aug 15 j 10:07	12°♊12'05		
inferior conj	-10733 Aug 18 j 10:35	10°♊20'36	-8°34'58	
minimum elong	-10733 Aug 18 j 15:54	10°♊12'23	8°34'00	
min. Earth dist.	-10733 Aug 17 j 20:57	10°♊41'46	0.26733 AU	
morning rise	-10733 Aug 21 j 21:51	8°♊13'48		
direct	-10733 Sep 07 j 15:23	2°♊44'08		
greatest brilliancy	-10733 Sep 17 j 07:33	4°♊32'28	-4.9m	
asc. node	-10733 Oct 04 j 05:53	14°♊21'40		
	-10733 Oct 22 j 04:35	0°♋		
morning max el	-10733 Oct 27 j 16:08	5°♋23'09	46°20'55	
	-10733 Nov 19 j 23:51	0°♌		
	-10733 Dec 16 j 17:24	0°♍		
	-10732 Jan 11 j 17:03	0°♎		
desc. node	-10732 Jan 25 j 10:03	16°♎03'30		
	-10732 Feb 06 j 05:16	0°♏		
	-10732 Mar 02 j 06:50	0°♐		
	-10732 Mar 26 j 22:14	0°♑		
	-10732 Apr 20 j 04:57	0°♒		
morning set	-10732 Apr 22 j 13:25	2°♒55'38		
	-10732 May 14 j 05:13	0°♓		
asc. node	-10732 May 15 j 17:50	1°♓54'54		
max. Earth dist.	-10732 May 25 j 20:34	14°♓37'42	1.71338 AU	
superior conj	-10732 May 29 j 00:55	18°♓37'57	0°30'20	
minimum elong	-10732 May 28 j 18:52	18°♓18'55	0°29'54	
	-10732 Jun 07 j 01:28	0°♈		
	-10732 Jun 30 j 20:14	0°♉		
evening rise	-10732 Jul 06 j 12:44	7°♉10'14		
	-10732 Jul 24 j 16:01	0°♊		
	-10732 Aug 17 j 15:08	0°♋		
desc. node	-10732 Sep 05 j 20:42	23°♋53'31		
	-10732 Sep 10 j 19:19	0°♌		
	-10732 Oct 05 j 05:59	0°♍		
	-10732 Oct 30 j 01:48	0°♎		
	-10732 Nov 24 j 13:41	0°♏		
	-10732 Dec 21 j 11:43	0°♐		
asc. node	-10732 Dec 26 j 11:20	5°♐15'11		
evening max el	-10731 Jan 09 j 06:04	19°♐02'01	44°51'40	
	-10731 Jan 21 j 10:51	0°♑		
greatest brilliancy	-10731 Feb 15 j 22:40	16°♑01'46	-4.7m	
retrograde	-10731 Feb 26 j 04:16	17°♑53'23		
evening set	-10731 Mar 14 j 17:12	12°♑50'33		
inferior conj	-10731 Mar 19 j 12:38	9°♑59'30	6°09'14	
minimum elong	-10731 Mar 19 j 21:40	9°♑45'41	6°06'59	
min. Earth dist.	-10731 Mar 20 j 20:32	9°♑10'45	0.28644 AU	
morning rise	-10731 Mar 25 j 01:18	6°♑41'46		
direct	-10731 Apr 10 j 07:41	1°♑43'15		
desc. node	-10731 Apr 18 j 19:51	3°♑02'04		
greatest brilliancy	-10731 Apr 21 j 22:12	4°♑06'24	-4.8m	
	-10731 May 27 j 00:43	0°♒		
morning max el	-10731 May 30 j 07:49	3°♒13'41	46°31'10	
	-10731 Jun 24 j 09:40	0°♓		
	-10731 Jul 20 j 02:58	0°♈		
asc. node	-10731 Aug 08 j 08:12	23°♈19'11		
	-10731 Aug 13 j 18:39	0°♉		
	-10731 Sep 06 j 23:56	0°♊		
	-10731 Oct 01 j 03:20	0°♋		
	-10731 Oct 25 j 09:28	0°♌		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10731 Nov 18 j 19:29	0°♍	
desc. node	-10731 Nov 29 j 09:06	12°♍56'08	
morning set	-10731 Dec 05 j 16:59	20°♍40'37	
	-10731 Dec 13 j 07:59	0°♎	
	-10730 Jan 06 j 20:31	0°♏	
max. Earth dist.	-10730 Jan 11 j 01:04	5°♏07'57	1.73814 AU
superior conj	-10730 Jan 13 j 00:05	7°♏31'59	-1°16'34
minimum elong	-10730 Jan 12 j 18:53	7°♏16'04	1°16'49
	-10730 Jan 31 j 07:28	0°♐	
evening rise	-10730 Feb 17 j 16:06	21°♐20'54	
greatest brilliancy	-10730 Feb 18 j 17:04	22°♐37'45	-3.9m
	-10730 Feb 24 j 16:48	0°♑	
asc. node	-10730 Mar 20 j 18:23	29°♑37'25	
	-10730 Mar 21 j 01:44	0°♒	
	-10730 Apr 14 j 11:41	0°♓	
	-10730 May 08 j 23:58	0°♈	
	-10730 Jun 02 j 16:34	0°♉	
	-10730 Jun 27 j 17:43	0°♊	
desc. node	-10730 Jul 12 j 00:50	16°♊46'46	
	-10730 Jul 23 j 13:14	0°♋	
evening max el	-10730 Aug 18 j 14:14	28°♋16'39	47°34'35
	-10730 Aug 20 j 06:55	0°♌	
	-10730 Sep 27 j 12:46	0°♍	
greatest brilliancy	-10730 Sep 28 j 10:54	0°♍22'06	-4.9m
retrograde	-10730 Oct 08 j 20:11	2°♍28'00	
	-10730 Oct 19 j 15:25	30°℞♌	
evening set	-10730 Oct 23 j 18:30	27°♌53'07	
min. Earth dist.	-10730 Oct 29 j 05:09	24°♌31'25	0.28008 AU
inferior conj	-10730 Oct 29 j 20:10	24°♌07'13	-0°26'43
minimum elong	-10730 Oct 29 j 21:04	24°♌05'45	0°26'03
asc. node	-10730 Oct 31 j 16:52	22°♌55'32	
morning rise	-10730 Nov 05 j 00:28	20°♌19'09	
direct	-10730 Nov 19 j 15:21	15°♌58'50	
greatest brilliancy	-10730 Nov 28 j 17:42	17°♌31'57	-4.8m
	-10730 Dec 20 j 01:39	0°♍	
morning max el	-10729 Jan 07 j 12:31	16°♍08'55	45°59'49
	-10729 Jan 21 j 11:29	0°♎	
	-10729 Feb 18 j 09:49	0°♏	
desc. node	-10729 Feb 21 j 22:55	3°♏57'39	
	-10729 Mar 16 j 17:26	0°♐	
	-10729 Apr 11 j 01:36	0°♑	
	-10729 May 05 j 17:12	0°♒	
	-10729 May 29 j 21:10	0°♓	
asc. node	-10729 Jun 13 j 07:27	18°♓06'34	
	-10729 Jun 22 j 17:43	0°♈	
greatest brilliancy	-10729 Jun 22 j 21:18	0°♈11'17	-3.9m
morning set	-10729 Jul 03 j 00:46	13°♈00'43	
	-10729 Jul 16 j 10:45	0°♉	
	-10729 Aug 09 j 03:46	0°♊	
superior conj	-10729 Aug 12 j 17:26	4°♊30'24	1°22'32
minimum elong	-10729 Aug 12 j 20:17	4°♊39'22	1°23'03
max. Earth dist.	-10729 Aug 18 j 07:23	11°♊32'48	1.70906 AU
	-10729 Sep 01 j 23:39	0°♋	
evening rise	-10729 Sep 25 j 01:02	28°♋48'20	
	-10729 Sep 26 j 00:04	0°♌	
desc. node	-10729 Oct 04 j 08:49	10°♌23'10	
	-10729 Oct 20 j 05:20	0°♍	
	-10729 Nov 13 j 15:09	0°♎	
	-10729 Dec 08 j 06:09	0°♏	
	-10728 Jan 02 j 05:30	0°♐	
asc. node	-10728 Jan 23 j 21:55	25°♐28'38	
	-10728 Jan 27 j 19:57	0°♑	
	-10728 Feb 23 j 14:08	0°♒	
evening max el	-10728 Mar 22 j 16:12	28°♒50'46	45°42'08
	-10728 Mar 23 j 21:27	0°♓	
greatest brilliancy	-10728 Apr 30 j 22:57	27°♓04'04	-4.8m
retrograde	-10728 May 10 j 21:13	28°♓49'34	
desc. node	-10728 May 16 j 06:39	28°♓15'33	
evening set	-10728 May 25 j 09:58	24°♓49'47	
inferior conj	-10728 May 31 j 16:32	21°♓17'09	-3°39'50
minimum elong	-10728 May 31 j 08:46	21°♓28'37	3°37'48
min. Earth dist.	-10728 May 31 j 18:29	21°♓14'17	0.26690 AU
morning rise	-10728 Jun 06 j 07:11	18°♓05'05	
direct	-10728 Jun 21 j 10:23	13°♓42'33	
greatest brilliancy	-10728 Jul 02 j 11:22	15°♓58'48	-4.9m
	-10728 Jul 24 j 02:48	0°♈	
morning max el	-10728 Aug 11 j 02:18	16°♈56'52	46°42'28
	-10728 Aug 23 j 10:00	0°♉	
asc. node	-10728 Sep 04 j 20:37	13°♉54'42	
	-10728 Sep 18 j 18:22	0°♊	
	-10728 Oct 14 j 00:16	0°♋	
	-10728 Nov 07 j 22:55	0°♌	
	-10728 Dec 02 j 20:52	0°♍	
desc. node	-10728 Dec 26 j 22:46	29°♍00'09	
	-10728 Dec 27 j 18:36	0°♎	
	-10727 Jan 21 j 13:55	0°♏	
morning set	-10727 Feb 13 j 00:49	27°♏21'30	
	-10727 Feb 15 j 04:37	0°♐	
	-10727 Mar 11 j 14:04	0°♑	
max. Earth dist.	-10727 Mar 15 j 23:06	5°♑24'26	1.73105 AU
superior conj	-10727 Mar 20 j 05:11	10°♑40'09	-0°58'12
minimum elong	-10727 Mar 20 j 12:54	11°♑04'03	0°58'33
	-10727 Apr 04 j 19:09	0°♒	
asc. node	-10727 Apr 17 j 06:58	15°♒32'24	
evening rise	-10727 Apr 24 j 14:33	24°♒39'22	
	-10727 Apr 28 j 21:24	0°♓	
	-10727 May 22 j 22:22	0°♈	
	-10727 Jun 15 j 23:41	0°♉	
	-10727 Jul 10 j 03:26	0°♊	
	-10727 Aug 03 j 12:31	0°♋	
desc. node	-10727 Aug 08 j 11:29	6°♋02'58	
	-10727 Aug 28 j 07:00	0°♌	
	-10727 Sep 22 j 18:29	0°♍	
	-10727 Oct 19 j 19:41	0°♎	
evening max el	-10727 Oct 28 j 05:06	8°♎37'14	45°54'14
	-10727 Nov 21 j 13:27	0°♏	
asc. node	-10727 Nov 28 j 03:27	4°♏17'55	
greatest brilliancy	-10727 Dec 05 j 06:03	7°♏48'43	-4.7m
retrograde	-10727 Dec 16 j 13:34	10°♏10'07	
evening set	-10726 Jan 02 j 05:29	4°♏44'13	
inferior conj	-10726 Jan 06 j 22:51	1°♏46'24	7°15'49
minimum elong	-10726 Jan 06 j 15:51	1°♏57'39	7°14'41
min. Earth dist.	-10726 Jan 06 j 20:51	1°♏49'36	0.29538 AU
	-10726 Jan 09 j 17:38	30°℞♎	
morning rise	-10726 Jan 11 j 02:22	29°♎09'29	
direct	-10726 Jan 28 j 19:41	23°♎14'06	
greatest brilliancy	-10726 Feb 07 j 06:07	24°♎50'34	-4.7m
	-10726 Feb 18 j 04:29	0°♏	
morning max el	-10726 Mar 18 j 18:35	22°♏59'12	46°04'40
desc. node	-10726 Mar 21 j 10:48	25°♏33'40	
	-10726 Mar 25 j 22:53	0°♐	
	-10726 Apr 23 j 01:10	0°♑	
	-10726 May 18 j 23:18	0°♒	
	-10726 Jun 12 j 19:00	0°♓	
	-10726 Jul 06 j 23:36	0°♈	
asc. node	-10726 Jul 10 j 21:05	4°♈52'43	
	-10726 Jul 30 j 20:19	0°♉	
	-10726 Aug 23 j 14:48	0°♊	
	-10726 Sep 16 j 11:17	0°♋	
morning set	-10726 Sep 18 j 09:20	2°♋24'13	
	-10726 Oct 10 j 12:12	0°♌	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

superior conj	-10726 Oct 30 j 15:49	24°♌57'45	0°02'51
minimum elong	-10726 Oct 30 j 16:38	25°♌00'16	0°03'12
behind sun begin	-10726 Oct 29 j 14:40	23°♌40'06	
behind sun end	-10726 Oct 31 j 18:35	26°♌20'25	
desc. node	-10726 Oct 31 j 21:48	26°♌30'21	
	-10726 Nov 03 j 17:44	0°♍	
max. Earth dist.	-10726 Nov 04 j 08:12	0°♍44'39	1.72750 AU
	-10726 Nov 28 j 02:32	0°♎	
evening rise	-10726 Dec 09 j 18:58	14°♎21'02	
	-10726 Dec 22 j 13:10	0°♏	
	-10725 Jan 16 j 01:34	0°♐	
	-10725 Feb 09 j 17:28	0°♑	
asc. node	-10725 Feb 20 j 08:52	12°♑51'25	
	-10725 Mar 06 j 15:38	0°♒	
	-10725 Mar 31 j 23:18	0°♓	
	-10725 Apr 26 j 21:48	0°♈	
	-10725 May 24 j 01:52	0°♉	
evening max el	-10725 Jun 05 j 11:29	12°♉47'24	47°28'04
desc. node	-10725 Jun 13 j 16:53	20°♉45'29	
	-10725 Jun 24 j 03:50	0°♊	
greatest brilliancy	-10725 Jul 16 j 24:00	14°♊07'52	-4.9m
retrograde	-10725 Jul 26 j 05:53	15°♊45'26	
evening set	-10725 Aug 13 j 00:25	9°♊40'47	
inferior conj	-10725 Aug 15 j 23:21	7°♊51'50	-8°40'39
minimum elong	-10725 Aug 16 j 03:51	7°♊44'53	8°39'48
min. Earth dist.	-10725 Aug 15 j 09:57	8°♊12'35	0.26710 AU
morning rise	-10725 Aug 19 j 07:24	5°♊49'49	
direct	-10725 Sep 05 j 03:28	0°♊16'01	
greatest brilliancy	-10725 Sep 14 j 21:29	2°♊05'29	-4.9m
asc. node	-10725 Oct 03 j 08:11	13°♊06'03	
	-10725 Oct 22 j 05:43	0°♋	
morning max el	-10725 Oct 25 j 04:44	2°♋56'15	46°21'49
	-10725 Nov 19 j 17:01	0°♌	
	-10725 Dec 16 j 07:42	0°♍	
	-10724 Jan 11 j 05:53	0°♎	
desc. node	-10724 Jan 24 j 12:09	15°♎33'20	
	-10724 Feb 05 j 17:15	0°♏	
	-10724 Mar 01 j 18:18	0°♐	
	-10724 Mar 26 j 09:25	0°♑	
	-10724 Apr 19 j 16:01	0°♒	
morning set	-10724 Apr 20 j 07:53	0°♒49'20	
	-10724 May 13 j 16:16	0°♓	
asc. node	-10724 May 14 j 20:07	1°♓27'20	
max. Earth dist.	-10724 May 23 j 10:57	12°♓17'06	1.71392 AU
superior conj	-10724 May 26 j 16:54	16°♓22'20	0°27'13
minimum elong	-10724 May 26 j 11:27	16°♓05'11	0°26'46
	-10724 Jun 06 j 12:34	0°♈	
	-10724 Jun 30 j 07:26	0°♉	
evening rise	-10724 Jul 04 j 01:00	4°♉42'15	
	-10724 Jul 24 j 03:23	0°♊	
	-10724 Aug 17 j 02:40	0°♋	
desc. node	-10724 Sep 04 j 22:49	23°♋23'55	
	-10724 Sep 10 j 07:04	0°♌	
	-10724 Oct 04 j 18:04	0°♍	
	-10724 Oct 29 j 14:32	0°♎	
	-10724 Nov 24 j 03:47	0°♏	
	-10724 Dec 21 j 05:11	0°♐	
asc. node	-10724 Dec 25 j 13:40	4°♐33'24	
evening max el	-10723 Jan 06 j 20:43	16°♐48'37	44°52'03
	-10723 Jan 21 j 18:03	0°♑	
greatest brilliancy	-10723 Feb 13 j 12:12	13°♑49'46	-4.7m
retrograde	-10723 Feb 23 j 19:48	15°♑43'18	
evening set	-10723 Mar 12 j 10:55	10°♑35'53	
inferior conj	-10723 Mar 17 j 04:03	7°♑47'54	6°21'27
minimum elong	-10723 Mar 17 j 12:57	7°♑34'18	6°19'18
min. Earth dist.	-10723 Mar 18 j 11:39	6°♑59'37	0.28719 AU
morning rise	-10723 Mar 22 j 14:13	4°♑33'41	
	-10723 Apr 02 j 23:02	30°℞♐	
direct	-10723 Apr 07 j 23:48	29°♐30'08	
	-10723 Apr 13 j 03:37	0°♑	
desc. node	-10723 Apr 17 j 22:12	1°♑16'47	
greatest brilliancy	-10723 Apr 19 j 13:39	1°♑53'00	-4.8m
	-10723 May 27 j 00:05	0°♒	
morning max el	-10723 May 28 j 00:02	0°♒59'06	46°30'27
	-10723 Jun 24 j 02:03	0°♓	
	-10723 Jul 19 j 16:55	0°♈	
asc. node	-10723 Aug 07 j 10:15	22°♈45'33	
	-10723 Aug 13 j 07:27	0°♉	
	-10723 Sep 06 j 12:05	0°♊	
	-10723 Sep 30 j 15:05	0°♋	
	-10723 Oct 24 j 20:54	0°♌	
	-10723 Nov 18 j 06:42	0°♍	
desc. node	-10723 Nov 28 j 11:15	12°♍28'39	
morning set	-10723 Dec 03 j 06:59	18°♍22'41	
	-10723 Dec 12 j 19:01	0°♎	
	-10722 Jan 06 j 07:26	0°♏	
max. Earth dist.	-10722 Jan 08 j 22:24	3°♏12'53	1.73812 AU
superior conj	-10722 Jan 10 j 17:49	5°♏25'53	-1°15'33
minimum elong	-10722 Jan 10 j 12:05	5°♏08'19	1°15'44
	-10722 Jan 30 j 18:21	0°♐	
evening rise	-10722 Feb 15 j 11:37	19°♐19'46	
greatest brilliancy	-10722 Feb 17 j 09:30	21°♐40'51	-3.9m
	-10722 Feb 24 j 03:46	0°♑	
asc. node	-10722 Mar 19 j 20:38	29°♑09'55	
	-10722 Mar 20 j 12:56	0°♒	
	-10722 Apr 13 j 23:18	0°♓	
	-10722 May 08 j 12:11	0°♈	
	-10722 Jun 02 j 05:36	0°♉	
	-10722 Jun 27 j 07:58	0°♊	
desc. node	-10722 Jul 11 j 03:00	16°♊08'45	
	-10722 Jul 23 j 05:47	0°♋	
evening max el	-10722 Aug 16 j 06:40	26°♋00'21	47°37'06
	-10722 Aug 20 j 05:46	0°♌	
greatest brilliancy	-10722 Sep 26 j 03:46	28°♌05'47	-4.9m
	-10722 Oct 03 j 11:52	0°♍	
retrograde	-10722 Oct 06 j 13:00	0°♍11'29	
	-10722 Oct 09 j 12:59	30°℞♌	
evening set	-10722 Oct 21 j 11:31	25°♌35'13	
min. Earth dist.	-10722 Oct 26 j 20:55	22°♌15'27	0.27950 AU
inferior conj	-10722 Oct 27 j 12:05	21°♌51'03	-0°47'18
minimum elong	-10722 Oct 27 j 13:43	21°♌48'26	0°46'24
asc. node	-10722 Oct 30 j 19:11	19°♌45'41	
morning rise	-10722 Nov 02 j 16:48	18°♌03'00	
direct	-10722 Nov 17 j 06:45	13°♌43'45	
greatest brilliancy	-10722 Nov 26 j 08:53	15°♌17'14	-4.8m
	-10722 Dec 20 j 11:51	0°♍	
morning max el	-10721 Jan 05 j 05:27	14°♍00'52	46°00'02
	-10721 Jan 21 j 05:47	0°♎	
	-10721 Feb 18 j 00:15	0°♏	
desc. node	-10721 Feb 21 j 01:00	3°♏23'47	
	-10721 Mar 16 j 06:12	0°♐	
	-10721 Apr 10 j 13:30	0°♑	
	-10721 May 05 j 04:39	0°♒	
	-10721 May 29 j 08:23	0°♓	
asc. node	-10721 Jun 12 j 09:36	17°♓38'09	
greatest brilliancy	-10721 Jun 22 j 00:53	29°♓47'25	-3.9m
	-10721 Jun 22 j 04:53	0°♈	
morning set	-10721 Jun 30 j 13:15	10°♈33'13	
	-10721 Jul 15 j 21:54	0°♉	
	-10721 Aug 08 j 14:56	0°♊	
superior conj	-10721 Aug 10 j 02:37	1°♊52'38	1°22'57

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

minimum elong	-10721 Aug 10 j 04:21	1°♊58'06	1°23'26
max. Earth dist.	-10721 Aug 15 j 13:17	8°♊44'51	1.70865 AU
	-10721 Sep 01 j 10:49	0°♋	
evening rise	-10721 Sep 22 j 08:46	26°♋08'22	
	-10721 Sep 25 j 11:14	0°♌	
desc. node	-10721 Oct 03 j 11:06	9°♌55'43	
	-10721 Oct 19 j 16:31	0°♍	
	-10721 Nov 13 j 02:27	0°♎	
	-10721 Dec 07 j 17:44	0°♏	
	-10720 Jan 01 j 17:45	0°♐	
asc. node	-10720 Jan 23 j 00:01	24°♐56'08	
	-10720 Jan 27 j 09:34	0°♑	
	-10720 Feb 23 j 06:43	0°♒	
evening max el	-10720 Mar 20 j 06:31	26°♒33'31	45°38'44
	-10720 Mar 23 j 22:41	0°♓	
greatest brilliancy	-10720 Apr 28 j 10:31	24°♓38'46	-4.8m
retrograde	-10720 May 08 j 08:46	26°♓23'46	
desc. node	-10720 May 15 j 08:52	25°♓26'44	
evening set	-10720 May 22 j 20:36	22°♓26'17	
inferior conj	-10720 May 29 j 04:32	18°♓51'35	-3°18'03
minimum elong	-10720 May 28 j 21:25	19°♓02'07	3°16'10
min. Earth dist.	-10720 May 29 j 07:57	18°♓46'32	0.26726 AU
morning rise	-10720 Jun 03 j 21:48	15°♓35'42	
direct	-10720 Jun 18 j 23:32	11°♓16'19	
greatest brilliancy	-10720 Jun 30 j 01:13	13°♓32'49	-4.9m
	-10720 Jul 24 j 12:12	0°♈	
morning max el	-10720 Aug 08 j 14:38	14°♈27'18	46°42'36
	-10720 Aug 23 j 04:56	0°♉	
asc. node	-10720 Sep 03 j 22:52	13°♉13'10	
	-10720 Sep 18 j 09:29	0°♊	
	-10720 Oct 13 j 13:40	0°♋	
	-10720 Nov 07 j 11:19	0°♌	
	-10720 Dec 02 j 08:37	0°♍	
desc. node	-10720 Dec 26 j 00:51	28°♍32'22	
	-10720 Dec 27 j 05:53	0°♎	
	-10719 Jan 21 j 00:53	0°♏	
morning set	-10719 Feb 10 j 19:46	25°♏19'41	
	-10719 Feb 14 j 15:24	0°♐	
	-10719 Mar 11 j 00:49	0°♑	
max. Earth dist.	-10719 Mar 13 j 17:11	3°♑18'45	1.73156 AU
superior conj	-10719 Mar 18 j 00:57	8°♑39'31	-1°00'11
minimum elong	-10719 Mar 18 j 08:38	9°♑03'14	1°00'32
	-10719 Apr 04 j 05:59	0°♒	
asc. node	-10719 Apr 16 j 09:14	15°♒05'31	
evening rise	-10719 Apr 22 j 09:07	22°♒33'30	
	-10719 Apr 28 j 08:24	0°♓	
	-10719 May 22 j 09:37	0°♈	
	-10719 Jun 15 j 11:15	0°♉	
	-10719 Jul 09 j 15:24	0°♊	
	-10719 Aug 03 j 01:02	0°♋	
desc. node	-10719 Aug 07 j 13:38	5°♋31'02	
	-10719 Aug 27 j 20:21	0°♌	
	-10719 Sep 22 j 09:26	0°♍	
	-10719 Oct 19 j 14:42	0°♎	
evening max el	-10719 Oct 25 j 20:33	6°♎22'50	45°57'49
	-10719 Nov 22 j 08:53	0°♏	
asc. node	-10719 Nov 27 j 05:42	2°♏57'41	
greatest brilliancy	-10719 Dec 03 j 00:26	5°♏43'36	-4.7m
retrograde	-10719 Dec 14 j 06:56	8°♏04'40	
evening set	-10719 Dec 30 j 20:55	2°♏42'06	
	-10718 Jan 04 j 04:35	30°℞♎	
inferior conj	-10718 Jan 04 j 16:35	29°♎40'41	7°07'49
minimum elong	-10718 Jan 04 j 09:14	29°♎52'31	7°06'35
min. Earth dist.	-10718 Jan 04 j 13:43	29°♎45'18	0.29512 AU
morning rise	-10718 Jan 08 j 21:41	27°♎01'01	
direct	-10718 Jan 26 j 12:28	21°♎08'45	
greatest brilliancy	-10718 Feb 04 j 22:15	22°♎44'19	-4.7m
	-10718 Feb 19 j 05:21	0°♏	
morning max el	-10718 Mar 16 j 09:52	20°♏48'44	46°03'55
desc. node	-10718 Mar 20 j 13:10	24°♏48'31	
	-10718 Mar 25 j 18:17	0°♐	
	-10718 Apr 22 j 15:58	0°♑	
	-10718 May 18 j 12:23	0°♒	
	-10718 Jun 12 j 07:14	0°♓	
	-10718 Jul 06 j 11:22	0°♈	
asc. node	-10718 Jul 09 j 23:11	4°♈22'30	
	-10718 Jul 30 j 07:50	0°♉	
	-10718 Aug 23 j 02:09	0°♊	
morning set	-10718 Sep 15 j 18:37	29°♊47'39	
	-10718 Sep 15 j 22:33	0°♋	
	-10718 Oct 09 j 23:23	0°♌	
superior conj	-10718 Oct 28 j 02:31	22°♌28'18	0°06'34
minimum elong	-10718 Oct 28 j 04:19	22°♌33'52	0°06'53
behind sun begin	-10718 Oct 27 j 04:06	21°♌19'02	
behind sun end	-10718 Oct 29 j 04:31	23°♌48'40	
desc. node	-10718 Oct 30 j 23:56	26°♌02'44	
max. Earth dist.	-10718 Nov 02 j 00:30	28°♌32'38	1.72682 AU
	-10718 Nov 03 j 04:48	0°♍	
	-10718 Nov 27 j 13:31	0°♎	
evening rise	-10718 Dec 07 j 10:29	12°♎07'38	
	-10718 Dec 22 j 00:09	0°♏	
	-10717 Jan 15 j 12:42	0°♐	
	-10717 Feb 09 j 04:59	0°♑	
asc. node	-10717 Feb 19 j 11:10	12°♑22'56	
	-10717 Mar 06 j 03:52	0°♒	
	-10717 Mar 31 j 12:45	0°♓	
	-10717 Apr 26 j 13:23	0°♈	
	-10717 May 23 j 22:04	0°♉	
evening max el	-10717 Jun 02 j 23:46	10°♉18'54	47°25'06
desc. node	-10717 Jun 12 j 19:04	19°♉44'18	
	-10717 Jun 24 j 18:41	0°♊	
greatest brilliancy	-10717 Jul 14 j 13:09	11°♊38'01	-4.9m
retrograde	-10717 Jul 23 j 17:57	13°♊14'59	
evening set	-10717 Aug 10 j 14:04	7°♊09'23	
inferior conj	-10717 Aug 13 j 11:53	5°♊22'33	-8°45'15
minimum elong	-10717 Aug 13 j 15:32	5°♊16'55	8°44'31
min. Earth dist.	-10717 Aug 12 j 22:41	5°♊42'57	0.26686 AU
morning rise	-10717 Aug 16 j 17:06	3°♊25'01	
	-10717 Aug 23 j 07:22	30°℞♉	
direct	-10717 Sep 02 j 15:21	27°♉47'11	
greatest brilliancy	-10717 Sep 12 j 11:16	29°♉38'12	-4.9m
	-10717 Sep 13 j 10:26	0°♊	
asc. node	-10717 Oct 02 j 10:32	11°♊52'48	
	-10717 Oct 22 j 05:35	0°♋	
morning max el	-10717 Oct 22 j 17:49	0°♋30'38	46°22'52
	-10717 Nov 19 j 09:44	0°♌	
	-10717 Dec 15 j 21:44	0°♍	
	-10716 Jan 10 j 18:31	0°♎	
desc. node	-10716 Jan 23 j 14:13	15°♎03'30	
	-10716 Feb 05 j 05:03	0°♏	
	-10716 Mar 01 j 05:37	0°♐	
	-10716 Mar 25 j 20:28	0°♑	
morning set	-10716 Apr 18 j 02:45	28°♑44'42	
	-10716 Apr 19 j 02:59	0°♒	
	-10716 May 13 j 03:15	0°♓	
asc. node	-10716 May 13 j 22:15	0°♓59'36	
max. Earth dist.	-10716 May 21 j 02:25	10°♓00'07	1.71453 AU
superior conj	-10716 May 24 j 09:05	14°♓07'29	0°24'04
minimum elong	-10716 May 24 j 04:15	13°♓52'16	0°23'37
	-10716 Jun 05 j 23:41	0°♈	
	-10716 Jun 29 j 18:43	0°♉	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

evening rise	-10716 Jul 01 j 13:19	2°♉14'15	
	-10716 Jul 23 j 14:50	0°♊	
	-10716 Aug 16 j 14:18	0°♋	
desc. node	-10716 Sep 04 j 01:07	22°♋54'39	
	-10716 Sep 09 j 18:54	0°♌	
	-10716 Oct 04 j 06:15	0°♍	
	-10716 Oct 29 j 03:23	0°♎	
	-10716 Nov 23 j 18:02	0°♏	
	-10716 Dec 20 j 22:59	0°♐	
asc. node	-10716 Dec 24 j 15:52	3°♐50'47	
evening max el	-10715 Jan 04 j 12:31	14°♐38'16	44°52'39
	-10715 Jan 22 j 03:43	0°♑	
greatest brilliancy	-10715 Feb 11 j 02:05	11°♑39'12	-4.7m
retrograde	-10715 Feb 21 j 11:57	13°♑34'29	
evening set	-10715 Mar 10 j 05:03	8°♑22'50	
inferior conj	-10715 Mar 14 j 19:53	5°♑37'40	6°32'54
minimum elong	-10715 Mar 15 j 04:35	5°♑24'20	6°30'52
min. Earth dist.	-10715 Mar 16 j 02:42	4°♑50'31	0.28789 AU
morning rise	-10715 Mar 20 j 03:29	2°♑26'59	
	-10715 Mar 24 j 22:41	30°℞♐	
direct	-10715 Apr 05 j 16:43	27°♐18'43	
greatest brilliancy	-10715 Apr 17 j 04:37	29°♐40'16	-4.8m
desc. node	-10715 Apr 17 j 00:19	29°♐36'06	
	-10715 Apr 18 j 00:17	0°♑	
morning max el	-10715 May 25 j 16:38	28°♑46'08	46°29'26
	-10715 May 26 j 22:21	0°♒	
	-10715 Jun 23 j 18:09	0°♓	
	-10715 Jul 19 j 06:52	0°♈	
asc. node	-10715 Aug 06 j 12:30	22°♈12'07	
	-10715 Aug 12 j 20:23	0°♉	
	-10715 Sep 06 j 00:26	0°♊	
	-10715 Sep 30 j 03:01	0°♋	
	-10715 Oct 24 j 08:31	0°♌	
	-10715 Nov 17 j 18:04	0°♍	
desc. node	-10715 Nov 27 j 13:18	12°♍00'22	
morning set	-10715 Nov 30 j 20:44	16°♍03'29	
	-10715 Dec 12 j 06:11	0°♎	
	-10714 Jan 05 j 18:29	0°♏	
max. Earth dist.	-10714 Jan 06 j 21:14	1°♏21'56	1.73805 AU
superior conj	-10714 Jan 08 j 11:27	3°♏19'03	-1°14'24
minimum elong	-10714 Jan 08 j 05:13	2°♏59'56	1°14'34
	-10714 Jan 30 j 05:21	0°♐	
evening rise	-10714 Feb 13 j 07:20	17°♐18'52	
greatest brilliancy	-10714 Feb 16 j 05:15	20°♐53'52	-3.9m
	-10714 Feb 23 j 14:51	0°♑	
asc. node	-10714 Mar 18 j 22:57	28°♑42'17	
	-10714 Mar 20 j 00:15	0°♒	
	-10714 Apr 13 j 11:01	0°♓	
	-10714 May 08 j 00:31	0°♈	
	-10714 Jun 01 j 18:48	0°♉	
	-10714 Jun 26 j 22:32	0°♊	
desc. node	-10714 Jul 10 j 05:11	15°♊29'45	
	-10714 Jul 22 j 22:55	0°♋	
evening max el	-10714 Aug 13 j 23:35	23°♋44'06	47°39'08
	-10714 Aug 20 j 06:05	0°♌	
greatest brilliancy	-10714 Sep 23 j 20:34	25°♌47'27	-4.9m
retrograde	-10714 Oct 04 j 05:28	27°♌52'26	
evening set	-10714 Oct 19 j 04:25	23°♌14'56	
min. Earth dist.	-10714 Oct 24 j 12:24	19°♌57'08	0.27889 AU
inferior conj	-10714 Oct 25 j 03:41	19°♌32'34	-1°08'06
minimum elong	-10714 Oct 25 j 06:02	19°♌28'48	1°06'58
asc. node	-10714 Oct 29 j 21:22	16°♌35'11	
morning rise	-10714 Oct 31 j 08:36	15°♌44'40	
direct	-10714 Nov 14 j 22:08	11°♌26'36	
greatest brilliancy	-10714 Nov 23 j 23:36	13°♌00'03	-4.8m
	-10714 Dec 20 j 19:53	0°♍	
morning max el	-10713 Jan 02 j 21:34	11°♍49'44	46°00'23
	-10713 Jan 20 j 23:58	0°♎	
	-10713 Feb 17 j 14:46	0°♏	
desc. node	-10713 Feb 20 j 03:17	2°♏50'03	
	-10713 Mar 15 j 19:05	0°♐	
	-10713 Apr 10 j 01:33	0°♑	
	-10713 May 04 j 16:15	0°♒	
	-10713 May 28 j 19:47	0°♓	
asc. node	-10713 Jun 11 j 11:43	17°♓09'08	
greatest brilliancy	-10713 Jun 21 j 02:29	29°♓16'42	-3.9m
	-10713 Jun 21 j 16:12	0°♈	
morning set	-10713 Jun 28 j 02:29	8°♈07'32	
	-10713 Jul 15 j 09:14	0°♉	
superior conj	-10713 Aug 07 j 12:18	29°♉15'47	1°23'09
minimum elong	-10713 Aug 07 j 12:55	29°♉17'44	1°23'38
	-10713 Aug 08 j 02:18	0°♊	
max. Earth dist.	-10713 Aug 12 j 18:18	5°♊53'24	1.70834 AU
	-10713 Aug 31 j 22:14	0°♋	
evening rise	-10713 Sep 19 j 16:09	23°♋26'06	
	-10713 Sep 24 j 22:43	0°♌	
desc. node	-10713 Oct 02 j 13:13	9°♌26'36	
	-10713 Oct 19 j 04:05	0°♍	
	-10713 Nov 12 j 14:09	0°♎	
	-10713 Dec 07 j 05:45	0°♏	
	-10712 Jan 01 j 06:25	0°♐	
asc. node	-10712 Jan 22 j 02:21	24°♐23'08	
	-10712 Jan 26 j 23:39	0°♑	
	-10712 Feb 22 j 23:58	0°♒	
evening max el	-10712 Mar 17 j 20:04	24°♒13'44	45°35'27
	-10712 Mar 24 j 01:39	0°♓	
greatest brilliancy	-10712 Apr 25 j 22:54	22°♓14'12	-4.8m
retrograde	-10712 May 05 j 20:07	23°♓58'16	
desc. node	-10712 May 14 j 11:04	22°♓32'30	
evening set	-10712 May 20 j 07:42	20°♓02'33	
inferior conj	-10712 May 26 j 16:47	16°♓26'24	-2°55'57
minimum elong	-10712 May 26 j 10:23	16°♓35'54	2°54'18
min. Earth dist.	-10712 May 26 j 22:01	16°♓18'39	0.26763 AU
morning rise	-10712 Jun 01 j 12:29	13°♓06'50	
direct	-10712 Jun 16 j 12:20	8°♓50'12	
greatest brilliancy	-10712 Jun 27 j 15:49	11°♓07'40	-4.9m
	-10712 Jul 24 j 19:13	0°♈	
morning max el	-10712 Aug 06 j 02:12	11°♈55'16	46°42'46
	-10712 Aug 22 j 23:34	0°♉	
asc. node	-10712 Sep 03 j 01:11	12°♉31'44	
	-10712 Sep 18 j 00:39	0°♊	
	-10712 Oct 13 j 03:16	0°♋	
	-10712 Nov 07 j 00:02	0°♌	
	-10712 Dec 01 j 20:45	0°♍	
desc. node	-10712 Dec 25 j 02:58	28°♍03'28	
	-10712 Dec 26 j 17:34	0°♎	
	-10711 Jan 20 j 12:14	0°♏	
morning set	-10711 Feb 08 j 14:20	23°♏15'34	
	-10711 Feb 14 j 02:33	0°♐	
	-10711 Mar 10 j 11:54	0°♑	
max. Earth dist.	-10711 Mar 11 j 12:12	1°♑15'00	1.73204 AU
superior conj	-10711 Mar 15 j 20:39	6°♑37'42	-1°02'06
minimum elong	-10711 Mar 16 j 04:14	7°♑01'08	1°02'28
	-10711 Apr 03 j 17:09	0°♒	
asc. node	-10711 Apr 15 j 11:20	14°♒37'09	
evening rise	-10711 Apr 20 j 03:53	20°♒27'20	
	-10711 Apr 27 j 19:45	0°♓	
	-10711 May 21 j 21:12	0°♈	
	-10711 Jun 14 j 23:08	0°♉	
	-10711 Jul 09 j 03:40	0°♊	
	-10711 Aug 02 j 13:50	0°♋	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

desc. node	-10711 Aug 06 j 16:01	4°♋59'01	
	-10711 Aug 27 j 10:01	0°♌	
	-10711 Sep 22 j 00:49	0°♍	
	-10711 Oct 19 j 10:39	0°♎	
evening max el	-10711 Oct 23 j 11:13	4°♎05'18	46°01'14
	-10711 Nov 23 j 12:46	0°♏	
asc. node	-10711 Nov 26 j 07:57	1°♏33'14	
greatest brilliancy	-10711 Nov 30 j 18:25	3°♏36'05	-4.8m
retrograde	-10711 Dec 12 j 00:17	5°♏57'21	
evening set	-10711 Dec 28 j 12:04	0°♏37'56	
	-10711 Dec 29 j 13:14	30°℞♎	
inferior conj	-10710 Jan 02 j 10:09	27°♎32'59	6°58'59
minimum elong	-10710 Jan 02 j 02:28	27°♎45'21	6°57'42
min. Earth dist.	-10710 Jan 02 j 06:30	27°♎38'52	0.29487 AU
morning rise	-10710 Jan 06 j 16:59	24°♎50'32	
direct	-10710 Jan 24 j 04:49	19°♎01'16	
greatest brilliancy	-10710 Feb 02 j 14:41	20°♎36'40	-4.7m
	-10710 Feb 20 j 00:31	0°♏	
morning max el	-10710 Mar 14 j 01:23	18°♏37'32	46°03'21
desc. node	-10710 Mar 19 j 15:17	24°♏02'10	
	-10710 Mar 25 j 13:38	0°♐	
	-10710 Apr 22 j 06:58	0°♑	
	-10710 May 18 j 01:40	0°♒	
	-10710 Jun 11 j 19:42	0°♓	
	-10710 Jul 05 j 23:23	0°♈	
asc. node	-10710 Jul 09 j 01:23	3°♈51'50	
	-10710 Jul 29 j 19:35	0°♉	
	-10710 Aug 22 j 13:45	0°♊	
morning set	-10710 Sep 13 j 04:14	27°♊11'15	
	-10710 Sep 15 j 10:02	0°♋	
	-10710 Oct 09 j 10:46	0°♌	
superior conj	-10710 Oct 25 j 13:18	19°♌58'21	0°10'15
minimum elong	-10710 Oct 25 j 16:05	20°♌06'57	0°10'33
behind sun begin	-10710 Oct 24 j 19:39	19°♌03'46	
behind sun end	-10710 Oct 26 j 12:30	21°♌10'06	
desc. node	-10710 Oct 30 j 02:00	25°♌34'14	
max. Earth dist.	-10710 Oct 30 j 15:38	26°♌16'19	1.72617 AU
	-10710 Nov 02 j 16:06	0°♍	
	-10710 Nov 27 j 00:46	0°♎	
evening rise	-10710 Dec 05 j 01:50	9°♎52'50	
	-10710 Dec 21 j 11:26	0°♏	
	-10709 Jan 15 j 00:12	0°♐	
	-10709 Feb 08 j 16:53	0°♑	
asc. node	-10709 Feb 18 j 13:28	11°♑53'24	
	-10709 Mar 05 j 16:29	0°♒	
	-10709 Mar 31 j 02:37	0°♓	
	-10709 Apr 26 j 05:30	0°♈	
	-10709 May 23 j 19:11	0°♉	
evening max el	-10709 May 31 j 12:16	7°♉50'23	47°22'09
desc. node	-10709 Jun 11 j 21:19	18°♉41'05	
	-10709 Jun 25 j 14:46	0°♊	
greatest brilliancy	-10709 Jul 12 j 01:31	9°♊06'33	-4.9m
retrograde	-10709 Jul 21 j 06:24	10°♊43'51	
evening set	-10709 Aug 08 j 03:09	4°♊37'41	
min. Earth dist.	-10709 Aug 10 j 10:55	3°♊12'52	0.26663 AU
inferior conj	-10709 Aug 11 j 00:18	2°♊52'18	-8°48'46
minimum elong	-10709 Aug 11 j 03:04	2°♊48'03	8°48'10
morning rise	-10709 Aug 14 j 03:04	0°♊58'50	
	-10709 Aug 15 j 19:43	30°℞♉	
direct	-10709 Aug 31 j 03:33	25°♉17'24	
greatest brilliancy	-10709 Sep 10 j 00:31	27°♉09'39	-4.9m
	-10709 Sep 16 j 06:20	0°♊	
asc. node	-10709 Oct 01 j 12:38	10°♊40'38	
morning max el	-10709 Oct 20 j 07:42	28°♊06'33	46°24'02
	-10709 Oct 22 j 04:36	0°♋	
	-10709 Nov 19 j 02:15	0°♌	
	-10709 Dec 15 j 11:45	0°♍	
	-10708 Jan 10 j 07:14	0°♎	
desc. node	-10708 Jan 22 j 16:28	14°♎33'47	
	-10708 Feb 04 j 17:01	0°♏	
	-10708 Feb 29 j 17:08	0°♐	
	-10708 Mar 25 j 07:45	0°♑	
morning set	-10708 Apr 15 j 21:29	26°♑39'08	
	-10708 Apr 18 j 14:08	0°♒	
	-10708 May 12 j 14:24	0°♓	
asc. node	-10708 May 13 j 00:24	0°♓31'20	
max. Earth dist.	-10708 May 18 j 17:01	7°♓40'05	1.71509 AU
superior conj	-10708 May 22 j 01:14	11°♓52'08	0°20'52
minimum elong	-10708 May 21 j 21:02	11°♓38'55	0°20'26
	-10708 Jun 05 j 10:55	0°♈	
evening rise	-10708 Jun 29 j 01:48	29°♈46'21	
	-10708 Jun 29 j 06:07	0°♉	
	-10708 Jul 23 j 02:25	0°♊	
	-10708 Aug 16 j 02:03	0°♋	
desc. node	-10708 Sep 03 j 03:15	22°♋24'25	
	-10708 Sep 09 j 06:51	0°♌	
	-10708 Oct 03 j 18:33	0°♍	
	-10708 Oct 28 j 16:20	0°♎	
	-10708 Nov 23 j 08:27	0°♏	
	-10708 Dec 20 j 17:16	0°♐	
asc. node	-10708 Dec 23 j 18:12	3°♐07'49	
evening max el	-10707 Jan 02 j 04:38	12°♐28'27	44°53'09
	-10707 Jan 22 j 16:57	0°♑	
greatest brilliancy	-10707 Feb 08 j 16:20	9°♑28'40	-4.7m
retrograde	-10707 Feb 19 j 03:48	11°♑24'55	
evening set	-10707 Mar 07 j 23:03	6°♑09'24	
inferior conj	-10707 Mar 12 j 11:37	3°♑26'49	6°43'44
minimum elong	-10707 Mar 12 j 20:04	3°♑13'49	6°41'49
min. Earth dist.	-10707 Mar 13 j 17:32	2°♑40'53	0.28859 AU
morning rise	-10707 Mar 17 j 16:33	0°♑19'34	
	-10707 Mar 18 j 06:28	30°℞♐	
direct	-10707 Apr 03 j 09:36	25°♐06'49	
greatest brilliancy	-10707 Apr 14 j 18:57	27°♐26'08	-4.8m
desc. node	-10707 Apr 16 j 02:29	27°♐58'09	
	-10707 Apr 20 j 08:11	0°♑	
morning max el	-10707 May 23 j 08:45	26°♑31'37	46°28'28
	-10707 May 26 j 20:01	0°♒	
	-10707 Jun 23 j 10:07	0°♓	
	-10707 Jul 18 j 20:44	0°♈	
asc. node	-10707 Aug 05 j 14:46	21°♈38'52	
	-10707 Aug 12 j 09:14	0°♉	
	-10707 Sep 05 j 12:42	0°♊	
	-10707 Sep 29 j 14:54	0°♋	
	-10707 Oct 23 j 20:06	0°♌	
	-10707 Nov 17 j 05:23	0°♍	
desc. node	-10707 Nov 26 j 15:29	11°♍32'42	
morning set	-10707 Nov 28 j 10:33	13°♍44'32	
	-10707 Dec 11 j 17:18	0°♎	
max. Earth dist.	-10706 Jan 04 j 21:09	29°♎34'34	1.73795 AU
	-10706 Jan 05 j 05:27	0°♏	
superior conj	-10706 Jan 06 j 05:05	1°♏12'25	-1°13'09
minimum elong	-10706 Jan 05 j 22:23	0°♏51'54	1°13'17
	-10706 Jan 29 j 16:17	0°♐	
evening rise	-10706 Feb 11 j 03:07	15°♐18'20	
greatest brilliancy	-10706 Feb 14 j 23:43	20°♐03'01	-3.9m
	-10706 Feb 23 j 01:54	0°♑	
asc. node	-10706 Mar 18 j 01:03	28°♑14'01	
	-10706 Mar 19 j 11:35	0°♒	
	-10706 Apr 12 j 22:48	0°♓	
	-10706 May 07 j 12:56	0°♈	
	-10706 Jun 01 j 08:05	0°♉	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10706 Jun 26 j 13:11	0°♊		
desc. node	-10706 Jul 09 j 07:32	14°♊51'02		
	-10706 Jul 22 j 16:16	0°♋		
evening max el	-10706 Aug 11 j 16:10	21°♋27'12	47°41'09	
	-10706 Aug 20 j 07:25	0°♌		
greatest brilliancy	-10706 Sep 21 j 13:46	23°♌30'00	-4.9m	
retrograde	-10706 Oct 01 j 21:38	25°♌33'33		
evening set	-10706 Oct 16 j 21:31	20°♌54'55		
min. Earth dist.	-10706 Oct 22 j 04:04	17°♌38'58	0.27827 AU	
inferior conj	-10706 Oct 22 j 19:19	17°♌14'27	-1°28'50	
minimum elong	-10706 Oct 22 j 22:22	17°♌09'32	1°27'29	
asc. node	-10706 Oct 28 j 23:41	13°♌27'29		
morning rise	-10706 Oct 29 j 00:13	13°♌26'44		
direct	-10706 Nov 12 j 13:29	9°♌09'57		
greatest brilliancy	-10706 Nov 21 j 14:31	10°♌43'17	-4.8m	
	-10706 Dec 21 j 01:27	0°♍		
morning max el	-10706 Dec 31 j 12:53	9°♍37'01	46°00'47	
	-10705 Jan 20 j 17:33	0°♎		
	-10705 Feb 17 j 04:55	0°♏		
desc. node	-10705 Feb 19 j 05:23	2°♏16'31		
	-10705 Mar 15 j 07:43	0°♐		
	-10705 Apr 09 j 13:23	0°♑		
	-10705 May 04 j 03:42	0°♒		
	-10705 May 28 j 07:04	0°♓		
asc. node	-10705 Jun 10 j 13:59	16°♓40'52		
greatest brilliancy	-10705 Jun 20 j 04:39	28°♓48'02	-3.9m	
	-10705 Jun 21 j 03:26	0°♈		
morning set	-10705 Jun 25 j 15:33	5°♈41'34		
	-10705 Jul 14 j 20:28	0°♉		
superior conj	-10705 Aug 04 j 21:53	26°♉39'00	1°23'10	
minimum elong	-10705 Aug 04 j 21:24	26°♉37'29	1°23'39	
	-10705 Aug 07 j 13:33	0°♊		
max. Earth dist.	-10705 Aug 09 j 19:13	2°♊49'24	1.70799 AU	
	-10705 Aug 31 j 09:30	0°♋		
evening rise	-10705 Sep 16 j 23:17	20°♋43'31		
	-10705 Sep 24 j 10:01	0°♌		
desc. node	-10705 Oct 01 j 15:19	8°♌58'04		
	-10705 Oct 18 j 15:27	0°♍		
	-10705 Nov 12 j 01:39	0°♎		
	-10705 Dec 06 j 17:33	0°♏		
	-10705 Dec 31 j 18:55	0°♐		
asc. node	-10704 Jan 21 j 04:43	23°♐50'49		
	-10704 Jan 26 j 13:36	0°♑		
	-10704 Feb 22 j 17:14	0°♒		
evening max el	-10704 Mar 15 j 08:45	21°♒53'00	45°32'11	
	-10704 Mar 24 j 05:49	0°♓		
greatest brilliancy	-10704 Apr 23 j 11:12	19°♓50'35	-4.8m	
retrograde	-10704 May 03 j 07:22	21°♓34'03		
desc. node	-10704 May 13 j 13:19	19°♓33'42		
evening set	-10704 May 17 j 18:59	17°♓39'15		
inferior conj	-10704 May 24 j 05:04	14°♓02'09	-2°33'40	
minimum elong	-10704 May 23 j 23:23	14°♓10'33	2°32'13	
min. Earth dist.	-10704 May 24 j 12:16	13°♓51'28	0.26810 AU	
morning rise	-10704 May 30 j 03:04	10°♓39'12		
direct	-10704 Jun 14 j 00:55	6°♓24'36		
greatest brilliancy	-10704 Jun 25 j 07:01	8°♓43'55	-4.9m	
	-10704 Jul 25 j 00:01	0°♈		
morning max el	-10704 Aug 03 j 14:07	9°♈24'26	46°42'58	
	-10704 Aug 22 j 17:39	0°♉		
asc. node	-10704 Sep 02 j 03:17	11°♉50'25		
	-10704 Sep 17 j 15:29	0°♊		
	-10704 Oct 12 j 16:34	0°♋		
	-10704 Nov 06 j 12:26	0°♌		
	-10704 Dec 01 j 08:32	0°♍		
desc. node	-10704 Dec 24 j 05:10	27°♍35'44		
	-10704 Dec 26 j 04:55	0°♎		

	-10703 Jan 19 j 23:16	0°♏		
morning set	-10703 Feb 06 j 09:01	21°♏12'44		
	-10703 Feb 13 j 13:23	0°♐		
max. Earth dist.	-10703 Mar 09 j 09:02	29°♐17'53	1.73250 AU	
	-10703 Mar 09 j 22:41	0°♑		
superior conj	-10703 Mar 13 j 16:40	4°♑37'56	-1°03'54	
minimum elong	-10703 Mar 14 j 00:08	5°♑01'01	1°04'17	
	-10703 Apr 03 j 03:59	0°♒		
asc. node	-10703 Apr 14 j 13:36	14°♒10'19		
evening rise	-10703 Apr 17 j 23:03	18°♒23'39		
	-10703 Apr 27 j 06:45	0°♓		
	-10703 May 21 j 08:29	0°♈		
	-10703 Jun 14 j 10:45	0°♉		
	-10703 Jul 08 j 15:44	0°♊		
	-10703 Aug 02 j 02:30	0°♋		
desc. node	-10703 Aug 05 j 18:06	4°♋26'32		
	-10703 Aug 26 j 23:36	0°♌		
	-10703 Sep 21 j 16:11	0°♍		
	-10703 Oct 19 j 06:54	0°♎		
evening max el	-10703 Oct 21 j 02:05	1°♎49'02	46°05'00	
asc. node	-10703 Nov 25 j 10:17	0°♏07'14		
	-10703 Nov 25 j 04:23	0°♏		
greatest brilliancy	-10703 Nov 28 j 11:59	1°♏29'05	-4.8m	
retrograde	-10703 Dec 09 j 18:08	3°♏51'18		
	-10703 Dec 23 j 14:36	30°℞♎		
evening set	-10703 Dec 26 j 03:19	28°♎34'43		
inferior conj	-10703 Dec 31 j 03:46	25°♎26'22	6°49'46	
minimum elong	-10703 Dec 30 j 19:49	25°♎39'11	6°48'21	
min. Earth dist.	-10703 Dec 30 j 23:06	25°♎33'54	0.29458 AU	
morning rise	-10702 Jan 04 j 12:26	22°♎41'14		
direct	-10702 Jan 21 j 21:22	16°♎54'51		
greatest brilliancy	-10702 Jan 31 j 06:57	18°♎30'07	-4.7m	
	-10702 Feb 20 j 14:19	0°♏		
morning max el	-10702 Mar 11 j 17:55	16°♏30'01	46°02'54	
desc. node	-10702 Mar 18 j 17:24	23°♏17'37		
	-10702 Mar 25 j 08:03	0°♐		
	-10702 Apr 21 j 21:24	0°♑		
	-10702 May 17 j 14:30	0°♒		
	-10702 Jun 11 j 07:45	0°♓		
	-10702 Jul 05 j 11:01	0°♈		
asc. node	-10702 Jul 08 j 03:38	3°♈22'32		
	-10702 Jul 29 j 07:01	0°♉		
	-10702 Aug 22 j 01:05	0°♊		
morning set	-10702 Sep 10 j 13:27	24°♊34'10		
	-10702 Sep 14 j 21:18	0°♋		
	-10702 Oct 08 j 21:55	0°♌		
superior conj	-10702 Oct 22 j 23:24	17°♌26'49	0°13'59	
minimum elong	-10702 Oct 23 j 03:10	17°♌38'28	0°14'15	
behind sun begin	-10702 Oct 22 j 14:18	16°♌58'36		
behind sun end	-10702 Oct 23 j 16:03	18°♌18'20		
max. Earth dist.	-10702 Oct 28 j 04:39	23°♌54'07	1.72550 AU	
desc. node	-10702 Oct 29 j 04:14	25°♌06'59		
	-10702 Nov 02 j 03:09	0°♍		
	-10702 Nov 26 j 11:45	0°♎		
evening rise	-10702 Dec 02 j 16:43	7°♎37'30		
	-10702 Dec 20 j 22:27	0°♏		
	-10701 Jan 14 j 11:24	0°♐		
	-10701 Feb 08 j 04:31	0°♑		
asc. node	-10701 Feb 17 j 15:36	11°♑24'09		
	-10701 Mar 05 j 04:51	0°♒		
	-10701 Mar 30 j 16:15	0°♓		
	-10701 Apr 25 j 21:27	0°♈		
	-10701 May 23 j 16:31	0°♉		
evening max el	-10701 May 29 j 01:42	5°♉25'45	47°19'10	
desc. node	-10701 Jun 10 j 23:37	17°♉37'45		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10701 Jun 26 j 16:52	0°♊	
greatest brilliancy	-10701 Jul 09 j 13:09	6°♊35'51	-4.9m
retrograde	-10701 Jul 18 j 19:23	8°♊14'08	
evening set	-10701 Aug 05 j 15:47	2°♊08'01	
min. Earth dist.	-10701 Aug 07 j 22:49	0°♊44'35	0.26645 AU
inferior conj	-10701 Aug 08 j 12:45	0°♊23'15	-8°51'16
minimum elong	-10701 Aug 08 j 14:37	0°♊20'25	8°50'43
	-10701 Aug 09 j 03:57	30°℞♉	
morning rise	-10701 Aug 11 j 13:31	28°♉33'12	
direct	-10701 Aug 28 j 16:26	22°♉48'57	
greatest brilliancy	-10701 Sep 07 j 13:20	24°♉41'39	-4.9m
	-10701 Sep 17 j 23:14	0°♊	
asc. node	-10701 Sep 30 j 14:58	9°♊31'45	
morning max el	-10701 Oct 17 j 22:13	25°♊44'32	46°24'55
	-10701 Oct 22 j 02:29	0°♋	
	-10701 Nov 18 j 18:20	0°♌	
	-10701 Dec 15 j 01:28	0°♍	
	-10700 Jan 09 j 19:41	0°♎	
desc. node	-10700 Jan 21 j 18:33	14°♎04'23	
	-10700 Feb 04 j 04:42	0°♏	
	-10700 Feb 29 j 04:23	0°♐	
	-10700 Mar 24 j 18:45	0°♑	
morning set	-10700 Apr 13 j 16:30	24°♑35'20	
	-10700 Apr 18 j 01:02	0°♒	
asc. node	-10700 May 12 j 02:41	0°♓04'17	
	-10700 May 12 j 01:19	0°♓	
max. Earth dist.	-10700 May 16 j 05:48	5°♓15'12	1.71564 AU
superior conj	-10700 May 19 j 17:55	9°♓39'17	0°17'42
minimum elong	-10700 May 19 j 14:22	9°♓28'08	0°17'16
	-10700 Jun 04 j 21:56	0°♈	
evening rise	-10700 Jun 26 j 14:55	27°♈21'22	
	-10700 Jun 28 j 17:16	0°♉	
	-10700 Jul 22 j 13:43	0°♊	
	-10700 Aug 15 j 13:32	0°♋	
desc. node	-10700 Sep 02 j 05:23	21°♋55'00	
	-10700 Sep 08 j 18:35	0°♌	
	-10700 Oct 03 j 06:41	0°♍	
	-10700 Oct 28 j 05:14	0°♎	
	-10700 Nov 22 j 22:55	0°♏	
	-10700 Dec 20 j 11:53	0°♐	
asc. node	-10700 Dec 22 j 20:32	2°♐24'34	
evening max el	-10700 Dec 30 j 20:47	10°♐18'59	44°53'53
	-10699 Jan 23 j 10:22	0°♑	
greatest brilliancy	-10699 Feb 06 j 07:30	7°♑19'56	-4.7m
retrograde	-10699 Feb 16 j 19:23	9°♑16'23	
evening set	-10699 Mar 05 j 17:13	3°♑57'19	
inferior conj	-10699 Mar 10 j 03:35	1°♑17'15	6°53'51
minimum elong	-10699 Mar 10 j 11:44	1°♑04'42	6°52'05
min. Earth dist.	-10699 Mar 11 j 08:46	0°♑32'19	0.28923 AU
	-10699 Mar 12 j 05:52	30°℞♐	
morning rise	-10699 Mar 15 j 05:47	28°♐13'19	
direct	-10699 Apr 01 j 02:24	22°♐56'16	
greatest brilliancy	-10699 Apr 12 j 09:22	25°♐13'04	-4.8m
desc. node	-10699 Apr 15 j 04:50	26°♐24'36	
	-10699 Apr 21 j 19:59	0°♑	
morning max el	-10699 May 21 j 00:12	24°♑16'14	46°27'28
	-10699 May 26 j 16:42	0°♒	
	-10699 Jun 23 j 01:40	0°♓	
	-10699 Jul 18 j 10:19	0°♈	
asc. node	-10699 Aug 04 j 16:50	21°♈05'43	
	-10699 Aug 11 j 21:51	0°♉	
	-10699 Sep 05 j 00:45	0°♊	
	-10699 Sep 29 j 02:33	0°♋	
	-10699 Oct 23 j 07:29	0°♌	
	-10699 Nov 16 j 16:34	0°♍	
desc. node	-10699 Nov 25 j 17:38	11°♍05'14	
morning set	-10699 Nov 26 j 00:11	11°♍25'19	
	-10699 Dec 11 j 04:20	0°♎	
max. Earth dist.	-10698 Jan 02 j 19:33	27°♎42'42	1.73781 AU
superior conj	-10698 Jan 03 j 22:24	29°♎04'56	-1°11'48
minimum elong	-10698 Jan 03 j 15:15	28°♎43'03	1°11'52
	-10698 Jan 04 j 16:22	0°♏	
	-10698 Jan 29 j 03:10	0°♐	
evening rise	-10698 Feb 08 j 22:34	13°♐17'03	
greatest brilliancy	-10698 Feb 13 j 15:35	19°♐04'25	-3.9m
	-10698 Feb 22 j 12:53	0°♑	
asc. node	-10698 Mar 17 j 03:21	27°♑46'32	
	-10698 Mar 18 j 22:50	0°♒	
	-10698 Apr 12 j 10:32	0°♓	
	-10698 May 07 j 01:20	0°♈	
	-10698 May 31 j 21:24	0°♉	
	-10698 Jun 26 j 03:57	0°♊	
desc. node	-10698 Jul 08 j 09:42	14°♊11'37	
	-10698 Jul 22 j 09:54	0°♋	
evening max el	-10698 Aug 09 j 07:56	19°♋08'21	47°43'00
	-10698 Aug 20 j 09:58	0°♌	
greatest brilliancy	-10698 Sep 19 j 07:27	21°♌13'22	-4.9m
retrograde	-10698 Sep 29 j 13:24	23°♌14'54	
evening set	-10698 Oct 14 j 14:47	18°♌35'01	
inferior conj	-10698 Oct 20 j 10:59	14°♌56'44	-1°49'29
minimum elong	-10698 Oct 20 j 14:43	14°♌50'42	1°47'55
min. Earth dist.	-10698 Oct 19 j 20:03	15°♌20'46	0.27766 AU
morning rise	-10698 Oct 26 j 15:39	11°♌09'14	
asc. node	-10698 Oct 28 j 01:59	10°♌23'22	
direct	-10698 Nov 10 j 04:21	6°♌53'36	
greatest brilliancy	-10698 Nov 19 j 05:55	8°♌27'09	-4.8m
	-10698 Dec 21 j 05:06	0°♍	
morning max el	-10698 Dec 29 j 03:28	7°♍22'21	46°01'08
	-10697 Jan 20 j 10:47	0°♎	
	-10697 Feb 16 j 18:59	0°♏	
desc. node	-10697 Feb 18 j 07:28	1°♏43'02	
	-10697 Mar 14 j 20:19	0°♐	
	-10697 Apr 09 j 01:14	0°♑	
	-10697 May 03 j 15:09	0°♒	
	-10697 May 27 j 18:21	0°♓	
asc. node	-10697 Jun 09 j 16:08	16°♓12'16	
greatest brilliancy	-10697 Jun 19 j 03:53	28°♓10'08	-3.9m
	-10697 Jun 20 j 14:41	0°♈	
morning set	-10697 Jun 23 j 04:46	3°♈16'07	
	-10697 Jul 14 j 07:43	0°♉	
superior conj	-10697 Aug 02 j 07:42	24°♉02'42	1°23'01
minimum elong	-10697 Aug 02 j 06:10	23°♉57'51	1°23'28
max. Earth dist.	-10697 Aug 06 j 16:19	29°♉33'06	1.70772 AU
	-10697 Aug 07 j 00:50	0°♊	
	-10697 Aug 30 j 20:50	0°♋	
evening rise	-10697 Sep 14 j 06:28	18°♋00'48	
	-10697 Sep 23 j 21:23	0°♌	
desc. node	-10697 Sep 30 j 17:36	8°♌29'56	
	-10697 Oct 18 j 02:52	0°♍	
	-10697 Nov 11 j 13:12	0°♎	
	-10697 Dec 06 j 05:26	0°♏	
	-10697 Dec 31 j 07:33	0°♐	
asc. node	-10696 Jan 20 j 06:50	23°♐17'16	
	-10696 Jan 26 j 03:48	0°♑	
	-10696 Feb 22 j 11:04	0°♒	
evening max el	-10696 Mar 12 j 21:20	19°♒31'50	45°29'10
	-10696 Mar 24 j 12:08	0°♓	
greatest brilliancy	-10696 Apr 20 j 23:20	17°♓26'46	-4.8m
retrograde	-10696 Apr 30 j 19:12	19°♓10'19	
desc. node	-10696 May 12 j 15:32	16°♓30'21	
evening set	-10696 May 15 j 06:38	15°♓15'45	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

inferior conj	-10696 May 21 j 17:29	11°♓38'07	-2°11'17
minimum elong	-10696 May 21 j 12:35	11°♓45'22	2°10'03
min. Earth dist.	-10696 May 22 j 02:31	11°♓24'44	0.26859 AU
morning rise	-10696 May 27 j 17:40	8°♓12'15	
direct	-10696 Jun 11 j 13:43	3°♓59'06	
greatest brilliancy	-10696 Jun 22 j 22:22	6°♓20'36	-4.9m
	-10696 Jul 25 j 03:11	0°♈	
morning max el	-10696 Aug 01 j 03:06	6°♈56'14	46°43'03
	-10696 Aug 22 j 11:25	0°♉	
asc. node	-10696 Sep 01 j 05:34	11°♉09'45	
	-10696 Sep 17 j 06:16	0°♊	
	-10696 Oct 12 j 05:55	0°♋	
	-10696 Nov 06 j 00:56	0°♌	
	-10696 Nov 30 j 20:27	0°♍	
desc. node	-10696 Dec 23 j 07:13	27°♍07'12	
	-10696 Dec 25 j 16:24	0°♎	
	-10695 Jan 19 j 10:26	0°♏	
morning set	-10695 Feb 04 j 03:36	19°♏09'03	
	-10695 Feb 13 j 00:24	0°♐	
max. Earth dist.	-10695 Mar 07 j 07:05	27°♐23'53	1.73297 AU
	-10695 Mar 09 j 09:40	0°♑	
superior conj	-10695 Mar 11 j 12:34	2°♑37'11	-1°05'38
minimum elong	-10695 Mar 11 j 19:53	2°♑59'49	1°06'02
	-10695 Apr 02 j 15:03	0°♒	
asc. node	-10695 Apr 13 j 15:51	13°♒42'44	
evening rise	-10695 Apr 15 j 18:08	16°♒19'01	
	-10695 Apr 26 j 18:00	0°♓	
	-10695 May 20 j 19:59	0°♈	
	-10695 Jun 13 j 22:36	0°♉	
	-10695 Jul 08 j 04:03	0°♊	
	-10695 Aug 01 j 15:26	0°♋	
desc. node	-10695 Aug 04 j 20:18	3°♋53'37	
	-10695 Aug 26 j 13:31	0°♌	
	-10695 Sep 21 j 08:02	0°♍	
evening max el	-10695 Oct 18 j 17:55	29°♍34'14	46°08'48
	-10695 Oct 19 j 04:11	0°♎	
asc. node	-10695 Nov 24 j 12:34	28°♎37'18	
greatest brilliancy	-10695 Nov 26 j 05:12	29°♎20'37	-4.8m
	-10695 Nov 27 j 23:12	0°♏	
retrograde	-10695 Dec 07 j 12:25	1°♏44'05	
	-10695 Dec 16 j 16:18	30°℞♎	
evening set	-10695 Dec 23 j 18:31	26°♎30'22	
inferior conj	-10695 Dec 28 j 21:18	23°♎18'35	6°39'55
minimum elong	-10695 Dec 28 j 13:07	23°♎31'44	6°38'25
min. Earth dist.	-10695 Dec 28 j 15:21	23°♎28'08	0.29425 AU
morning rise	-10694 Jan 02 j 07:54	20°♎30'42	
direct	-10694 Jan 19 j 14:10	14°♎47'25	
greatest brilliancy	-10694 Jan 28 j 22:31	16°♎22'03	-4.7m
	-10694 Feb 21 j 00:59	0°♏	
morning max el	-10694 Mar 09 j 11:08	14°♏23'32	46°02'21
desc. node	-10694 Mar 17 j 19:45	22°♏33'32	
	-10694 Mar 25 j 02:19	0°♐	
	-10694 Apr 21 j 11:59	0°♑	
	-10694 May 17 j 03:35	0°♒	
	-10694 Jun 10 j 20:05	0°♓	
	-10694 Jul 04 j 22:56	0°♈	
asc. node	-10694 Jul 07 j 05:43	2°♈51'45	
	-10694 Jul 28 j 18:43	0°♉	
	-10694 Aug 21 j 12:39	0°♊	
morning set	-10694 Sep 07 j 22:42	21°♊56'18	
	-10694 Sep 14 j 08:48	0°♋	
	-10694 Oct 08 j 09:21	0°♌	
superior conj	-10694 Oct 20 j 09:18	14°♌53'35	0°17'43
minimum elong	-10694 Oct 20 j 14:02	15°♌08'16	0°17'57
max. Earth dist.	-10694 Oct 25 j 17:53	21°♌31'30	1.72485 AU
desc. node	-10694 Oct 28 j 06:22	24°♌38'27	
	-10694 Nov 01 j 14:30	0°♍	
	-10694 Nov 25 j 23:03	0°♎	
evening rise	-10694 Nov 30 j 07:29	5°♎20'44	
	-10694 Dec 20 j 09:48	0°♏	
	-10693 Jan 13 j 22:55	0°♐	
	-10693 Feb 07 j 16:26	0°♑	
asc. node	-10693 Feb 16 j 17:57	10°♑54'40	
	-10693 Mar 04 j 17:33	0°♒	
	-10693 Mar 30 j 06:20	0°♓	
	-10693 Apr 25 j 14:05	0°♈	
	-10693 May 23 j 15:11	0°♉	
evening max el	-10693 May 26 j 15:58	3°♉02'01	47°15'57
desc. node	-10693 Jun 10 j 01:47	16°♉31'02	
	-10693 Jun 28 j 06:34	0°♊	
greatest brilliancy	-10693 Jul 07 j 00:23	4°♊03'11	-4.9m
retrograde	-10693 Jul 16 j 08:21	5°♊42'20	
	-10693 Aug 02 j 12:25	30°℞♉	
evening set	-10693 Aug 03 j 03:43	29°♉37'20	
min. Earth dist.	-10693 Aug 05 j 10:23	28°♉14'34	0.26623 AU
inferior conj	-10693 Aug 06 j 00:57	27°♉52'18	-8°52'43
minimum elong	-10693 Aug 06 j 01:54	27°♉50'52	8°52'13
morning rise	-10693 Aug 09 j 00:11	26°♉04'51	
direct	-10693 Aug 26 j 05:18	20°♉18'57	
greatest brilliancy	-10693 Sep 05 j 01:27	22°♉11'16	-4.9m
	-10693 Sep 19 j 04:17	0°♊	
asc. node	-10693 Sep 29 j 17:17	8°♊23'36	
morning max el	-10693 Oct 15 j 12:17	23°♊20'18	46°25'46
	-10693 Oct 21 j 23:58	0°♋	
	-10693 Nov 18 j 10:29	0°♌	
	-10693 Dec 14 j 15:24	0°♍	
	-10692 Jan 09 j 08:25	0°♎	
desc. node	-10692 Jan 20 j 20:39	13°♎34'03	
	-10692 Feb 03 j 16:42	0°♏	
	-10692 Feb 28 j 15:55	0°♐	
	-10692 Mar 24 j 06:01	0°♑	
morning set	-10692 Apr 11 j 11:39	22°♑31'13	
	-10692 Apr 17 j 12:12	0°♒	
asc. node	-10692 May 11 j 04:50	29°♒35'58	
	-10692 May 11 j 12:30	0°♓	
max. Earth dist.	-10692 May 13 j 17:36	2°♓46'26	1.71626 AU
superior conj	-10692 May 17 j 10:44	7°♓26'07	0°14'31
minimum elong	-10692 May 17 j 07:50	7°♓17'02	0°14'05
behind sun begin	-10692 May 16 j 20:37	6°♓41'49	
behind sun end	-10692 May 17 j 19:03	7°♓52'14	
	-10692 Jun 04 j 09:15	0°♈	
evening rise	-10692 Jun 24 j 04:02	24°♈55'20	
	-10692 Jun 28 j 04:46	0°♉	
	-10692 Jul 22 j 01:24	0°♊	
	-10692 Aug 15 j 01:24	0°♋	
desc. node	-10692 Sep 01 j 07:42	21°♋24'57	
	-10692 Sep 08 j 06:41	0°♌	
	-10692 Oct 02 j 19:12	0°♍	
	-10692 Oct 27 j 18:31	0°♎	
	-10692 Nov 22 j 13:53	0°♏	
	-10692 Dec 20 j 07:23	0°♐	
asc. node	-10692 Dec 21 j 22:44	1°♐39'25	
evening max el	-10692 Dec 28 j 12:23	8°♐07'04	44°54'39
	-10691 Jan 24 j 10:40	0°♑	
greatest brilliancy	-10691 Feb 03 j 23:09	5°♑10'50	-4.7m
retrograde	-10691 Feb 14 j 10:36	7°♑07'15	
evening set	-10691 Mar 03 j 11:20	1°♑44'44	
	-10691 Mar 06 j 09:26	30°℞♐	
inferior conj	-10691 Mar 07 j 19:40	29°♐07'14	7°03'23
minimum elong	-10691 Mar 08 j 03:26	28°♐55'12	7°01'44
min. Earth dist.	-10691 Mar 09 j 00:22	28°♐22'51	0.28983 AU

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning rise	-10691 Mar 12 j 19:04	26°♐06'37		
direct	-10691 Mar 29 j 18:45	20°♐45'15		
greatest brilliancy	-10691 Apr 10 j 00:11	23°♐00'00	-4.8m	
desc. node	-10691 Apr 14 j 06:56	24°♐53'18		
	-10691 Apr 22 j 21:46	0°♑		
morning max el	-10691 May 18 j 14:51	21°♑58'23	46°26'30	
	-10691 May 26 j 12:58	0°♒		
	-10691 Jun 22 j 17:13	0°♓		
	-10691 Jul 18 j 00:04	0°♈		
asc. node	-10691 Aug 03 j 19:07	20°♈32'32		
	-10691 Aug 11 j 10:42	0°♉		
	-10691 Sep 04 j 13:04	0°♊		
	-10691 Sep 28 j 14:31	0°♋		
	-10691 Oct 22 j 19:10	0°♌		
	-10691 Nov 16 j 04:01	0°♍		
morning set	-10691 Nov 23 j 13:23	9°♍03'54		
desc. node	-10691 Nov 24 j 19:41	10°♍36'45		
	-10691 Dec 10 j 15:36	0°♎		
max. Earth dist.	-10691 Dec 31 j 16:34	25°♎45'53	1.73766 AU	
superior conj	-10690 Jan 01 j 15:25	26°♎55'51	-1°10'18	
minimum elong	-10690 Jan 01 j 07:52	26°♎32'44	1°10'21	
	-10690 Jan 04 j 03:31	0°♏		
	-10690 Jan 28 j 14:18	0°♐		
evening rise	-10690 Feb 06 j 17:54	11°♐14'34		
greatest brilliancy	-10690 Feb 12 j 08:19	18°♐07'41	-3.9m	
	-10690 Feb 22 j 00:07	0°♑		
asc. node	-10690 Mar 16 j 05:38	27°♑18'19		
	-10690 Mar 18 j 10:21	0°♒		
	-10690 Apr 11 j 22:29	0°♓		
	-10690 May 06 j 13:55	0°♈		
	-10690 May 31 j 10:56	0°♉		
	-10690 Jun 25 j 19:02	0°♊		
desc. node	-10690 Jul 07 j 11:53	13°♊31'23		
	-10690 Jul 22 j 04:09	0°♋		
evening max el	-10690 Aug 06 j 22:39	16°♋45'49	47°44'31	
	-10690 Aug 20 j 14:33	0°♌		
greatest brilliancy	-10690 Sep 17 j 01:18	18°♌55'07	-4.9m	
retrograde	-10690 Sep 27 j 04:32	20°♌54'17		
evening set	-10690 Oct 12 j 07:51	16°♌12'45		
min. Earth dist.	-10690 Oct 17 j 12:04	13°♌00'09	0.27708 AU	
inferior conj	-10690 Oct 18 j 02:22	12°♌37'09	-2°10'17	
minimum elong	-10690 Oct 18 j 06:47	12°♌30'01	2°08'29	
morning rise	-10690 Oct 24 j 06:37	8°♌50'05		
asc. node	-10690 Oct 27 j 04:10	7°♌20'57		
direct	-10690 Nov 07 j 18:28	4°♌35'11		
greatest brilliancy	-10690 Nov 16 j 21:32	6°♌09'42	-4.8m	
	-10690 Dec 21 j 07:35	0°♍		
morning max el	-10690 Dec 26 j 17:36	5°♍05'34	46°01'38	
	-10689 Jan 20 j 03:54	0°♎		
	-10689 Feb 16 j 09:06	0°♏		
desc. node	-10689 Feb 17 j 09:47	1°♏09'56		
	-10689 Mar 14 j 09:01	0°♐		
	-10689 Apr 08 j 13:12	0°♑		
	-10689 May 03 j 02:43	0°♒		
	-10689 May 27 j 05:44	0°♓		
asc. node	-10689 Jun 08 j 18:16	15°♓43'27		
greatest brilliancy	-10689 Jun 18 j 04:27	27°♓36'18	-3.9m	
	-10689 Jun 20 j 01:58	0°♈		
morning set	-10689 Jun 20 j 18:33	0°♈52'20		
	-10689 Jul 13 j 19:01	0°♉		
superior conj	-10689 Jul 30 j 17:56	21°♉27'35	1°22'41	
minimum elong	-10689 Jul 30 j 15:21	21°♉19'26	1°23'06	
max. Earth dist.	-10689 Aug 03 j 15:14	26°♉22'23	1.70754 AU	
	-10689 Aug 06 j 12:10	0°♊		
	-10689 Aug 30 j 08:13	0°♋		
evening rise	-10689 Sep 11 j 13:41	15°♋17'54		
	-10689 Sep 23 j 08:51	0°♌		
desc. node	-10689 Sep 29 j 19:43	8°♌00'54		
	-10689 Oct 17 j 14:24	0°♍		
	-10689 Nov 11 j 00:52	0°♎		
	-10689 Dec 05 j 17:28	0°♏		
	-10689 Dec 30 j 20:21	0°♐		
asc. node	-10688 Jan 19 j 09:11	22°♐43'56		
	-10688 Jan 25 j 18:16	0°♑		
	-10688 Feb 22 j 05:25	0°♒		
evening max el	-10688 Mar 10 j 10:27	17°♒11'57	45°26'16	
	-10688 Mar 24 j 20:56	0°♓		
greatest brilliancy	-10688 Apr 18 j 10:53	15°♓02'24	-4.8m	
retrograde	-10688 Apr 28 j 07:34	16°♓46'39		
desc. node	-10688 May 11 j 17:45	13°♓22'35		
evening set	-10688 May 12 j 18:30	12°♓51'58		
inferior conj	-10688 May 19 j 05:51	9°♓13'59	-1°48'32	
minimum elong	-10688 May 19 j 01:45	9°♓20'01	1°47'35	
min. Earth dist.	-10688 May 19 j 16:29	8°♓58'16	0.26908 AU	
morning rise	-10688 May 25 j 08:06	5°♓45'38		
direct	-10688 Jun 09 j 02:57	1°♓33'35		
greatest brilliancy	-10688 Jun 20 j 13:17	3°♓56'58	-4.9m	
	-10688 Jul 25 j 04:48	0°♈		
morning max el	-10688 Jul 29 j 17:01	4°♈30'52	46°43'17	
	-10688 Aug 22 j 04:42	0°♉		
asc. node	-10688 Aug 31 j 07:52	10°♉29'57		
	-10688 Sep 16 j 20:47	0°♊		
	-10688 Oct 11 j 19:06	0°♋		
	-10688 Nov 05 j 13:20	0°♌		
	-10688 Nov 30 j 08:18	0°♍		
desc. node	-10688 Dec 22 j 09:23	26°♍39'05		
	-10688 Dec 25 j 03:50	0°♎		
	-10687 Jan 18 j 21:34	0°♏		
morning set	-10687 Feb 01 j 21:50	17°♏04'26		
	-10687 Feb 12 j 11:21	0°♐		
max. Earth dist.	-10687 Mar 05 j 06:08	25°♐33'13	1.73341 AU	
	-10687 Mar 08 j 20:35	0°♑		
superior conj	-10687 Mar 09 j 08:14	0°♑35'58	-1°07'18	
minimum elong	-10687 Mar 09 j 15:21	0°♑57'58	1°07'42	
	-10687 Apr 02 j 02:04	0°♒		
asc. node	-10687 Apr 12 j 17:57	13°♒14'48		
evening rise	-10687 Apr 13 j 13:10	14°♒14'34		
	-10687 Apr 26 j 05:12	0°♓		
	-10687 May 20 j 07:27	0°♈		
	-10687 Jun 13 j 10:25	0°♉		
	-10687 Jul 07 j 16:17	0°♊		
	-10687 Aug 01 j 04:15	0°♋		
desc. node	-10687 Aug 03 j 22:39	3°♋21'35		
	-10687 Aug 26 j 03:18	0°♌		
	-10687 Sep 20 j 23:51	0°♍		
evening max el	-10687 Oct 16 j 10:38	27°♍22'22	46°12'28	
	-10687 Oct 19 j 01:56	0°♎		
asc. node	-10687 Nov 23 j 14:48	27°♎04'50		
greatest brilliancy	-10687 Nov 23 j 22:27	27°♎12'37	-4.8m	
retrograde	-10687 Dec 05 j 06:49	29°♎37'01		
evening set	-10687 Dec 21 j 09:46	24°♎26'24		
inferior conj	-10687 Dec 26 j 14:49	21°♎11'02	6°29'23	
minimum elong	-10687 Dec 26 j 06:27	21°♎24'28	6°27'50	
min. Earth dist.	-10687 Dec 26 j 07:30	21°♎22'48	0.29391 AU	
morning rise	-10687 Dec 31 j 03:24	18°♎20'15		
direct	-10686 Jan 17 j 07:21	12°♎40'26		
greatest brilliancy	-10686 Jan 26 j 13:46	14°♎13'56	-4.7m	
	-10686 Feb 21 j 08:41	0°♏		
morning max el	-10686 Mar 07 j 04:35	12°♏18'10	46°01'45	
desc. node	-10686 Mar 16 j 21:50	21°♏49'53		
	-10686 Mar 24 j 20:01	0°♐		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10686 Apr 21 j 02:14	0°♉	
	-10686 May 16 j 16:22	0°♒	
	-10686 Jun 10 j 08:09	0°♓	
	-10686 Jul 04 j 10:37	0°♈	
asc. node	-10686 Jul 06 j 07:56	2°♈22'07	
	-10686 Jul 28 j 06:11	0°♉	
	-10686 Aug 21 j 00:01	0°♊	
morning set	-10686 Sep 05 j 08:17	19°♊20'14	
	-10686 Sep 13 j 20:02	0°♋	
	-10686 Oct 07 j 20:28	0°♌	
superior conj	-10686 Oct 17 j 19:22	12°♌21'43	0°21'24
minimum elong	-10686 Oct 18 j 01:03	12°♌39'20	0°21'36
max. Earth dist.	-10686 Oct 23 j 09:43	19°♌17'50	1.72419 AU
desc. node	-10686 Oct 27 j 08:27	24°♌10'45	
	-10686 Nov 01 j 01:31	0°♍	
	-10686 Nov 25 j 10:02	0°♎	
evening rise	-10686 Nov 27 j 22:18	3°♎05'08	
	-10686 Dec 19 j 20:51	0°♏	
	-10685 Jan 13 j 10:11	0°♐	
	-10685 Feb 07 j 04:08	0°♑	
asc. node	-10685 Feb 15 j 20:12	10°♑25'35	
	-10685 Mar 04 j 06:03	0°♒	
	-10685 Mar 29 j 20:15	0°♓	
	-10685 Apr 25 j 06:42	0°♈	
	-10685 May 23 j 14:26	0°♉	
evening max el	-10685 May 24 j 06:17	0°♉39'19	47°12'32
desc. node	-10685 Jun 09 j 04:02	15°♉23'32	
	-10685 Jun 30 j 15:32	0°♊	
greatest brilliancy	-10685 Jul 04 j 11:49	1°♊31'31	-4.9m
retrograde	-10685 Jul 13 j 20:54	3°♊10'51	
	-10685 Jul 26 j 09:51	30°℞♉	
evening set	-10685 Jul 31 j 15:00	27°♉08'09	
min. Earth dist.	-10685 Aug 02 j 22:09	25°♉44'42	0.26600 AU
inferior conj	-10685 Aug 03 j 13:02	25°♉21'58	-8°53'05
minimum elong	-10685 Aug 03 j 13:01	25°♉21'58	8°52'38
morning rise	-10685 Aug 06 j 11:10	23°♉36'11	
direct	-10685 Aug 23 j 17:56	17°♉49'35	
greatest brilliancy	-10685 Sep 02 j 13:44	19°♉41'30	-4.9m
	-10685 Sep 20 j 01:06	0°♊	
asc. node	-10685 Sep 28 j 19:22	7°♊17'36	
morning max el	-10685 Oct 13 j 01:36	20°♊54'56	46°26'48
	-10685 Oct 21 j 20:21	0°♋	
	-10685 Nov 18 j 01:58	0°♌	
	-10685 Dec 14 j 04:47	0°♍	
	-10684 Jan 08 j 20:39	0°♎	
desc. node	-10684 Jan 19 j 22:53	13°♎05'30	
	-10684 Feb 03 j 04:16	0°♏	
	-10684 Feb 28 j 03:05	0°♐	
	-10684 Mar 23 j 16:57	0°♑	
morning set	-10684 Apr 09 j 06:44	20°♑27'55	
	-10684 Apr 16 j 23:02	0°♒	
asc. node	-10684 May 10 j 06:59	29°♒08'34	
	-10684 May 10 j 23:23	0°♓	
max. Earth dist.	-10684 May 11 j 05:43	0°♓19'52	1.71689 AU
superior conj	-10684 May 15 j 03:37	5°♓14'18	0°11'19
minimum elong	-10684 May 15 j 01:23	5°♓07'16	0°10'55
behind sun begin	-10684 May 14 j 08:20	4°♓13'50	
behind sun end	-10684 May 15 j 18:25	6°♓00'44	
	-10684 Jun 03 j 20:15	0°♈	
evening rise	-10684 Jun 21 j 17:23	22°♈31'10	
	-10684 Jun 27 j 15:56	0°♉	
	-10684 Jul 21 j 12:45	0°♊	
	-10684 Aug 14 j 12:57	0°♋	
desc. node	-10684 Aug 31 j 09:47	20°♋55'05	
	-10684 Sep 07 j 18:31	0°♌	
	-10684 Oct 02 j 07:25	0°♍	
	-10684 Oct 27 j 07:30	0°♎	
	-10684 Nov 22 j 04:33	0°♏	
	-10684 Dec 20 j 02:52	0°♐	
asc. node	-10684 Dec 21 j 01:04	0°♐55'31	
evening max el	-10684 Dec 26 j 03:14	5°♐54'46	44°55'33
	-10683 Jan 25 j 19:32	0°♑	
greatest brilliancy	-10683 Feb 01 j 14:48	3°♑03'26	-4.7m
retrograde	-10683 Feb 12 j 02:02	5°♑00'18	
	-10683 Feb 28 j 11:27	30°℞♐	
evening set	-10683 Mar 01 j 05:34	29°♐34'06	
inferior conj	-10683 Mar 05 j 12:00	26°♐59'09	7°12'08
minimum elong	-10683 Mar 05 j 19:23	26°♐47'43	7°10'36
min. Earth dist.	-10683 Mar 06 j 16:26	26°♐15'05	0.29046 AU
morning rise	-10683 Mar 10 j 08:41	24°♐01'55	
direct	-10683 Mar 27 j 11:00	18°♐35'57	
greatest brilliancy	-10683 Apr 07 j 15:58	20°♐49'36	-4.8m
desc. node	-10683 Apr 13 j 09:07	23°♐26'29	
	-10683 Apr 23 j 16:11	0°♑	
morning max el	-10683 May 16 j 05:39	19°♑42'00	46°25'32
	-10683 May 26 j 08:18	0°♒	
	-10683 Jun 22 j 08:15	0°♓	
	-10683 Jul 17 j 13:23	0°♈	
asc. node	-10683 Aug 02 j 21:20	20°♈00'18	
	-10683 Aug 10 j 23:09	0°♉	
	-10683 Sep 04 j 01:00	0°♊	
	-10683 Sep 28 j 02:07	0°♋	
	-10683 Oct 22 j 06:31	0°♌	
	-10683 Nov 15 j 15:08	0°♍	
morning set	-10683 Nov 21 j 02:34	6°♍43'17	
desc. node	-10683 Nov 23 j 21:52	10°♍09'38	
	-10683 Dec 10 j 02:31	0°♎	
max. Earth dist.	-10683 Dec 29 j 12:42	23°♎47'28	1.73745 AU
superior conj	-10683 Dec 30 j 08:35	24°♎48'24	-1°08'44
minimum elong	-10683 Dec 30 j 00:41	24°♎24'12	1°08'44
	-10682 Jan 03 j 14:17	0°♏	
	-10682 Jan 28 j 01:02	0°♐	
evening rise	-10682 Feb 04 j 13:29	9°♐14'07	
greatest brilliancy	-10682 Feb 10 j 20:23	16°♐57'47	-3.9m
	-10682 Feb 21 j 11:00	0°♑	
asc. node	-10682 Mar 15 j 07:44	26°♑50'35	
	-10682 Mar 17 j 21:32	0°♒	
	-10682 Apr 11 j 10:10	0°♓	
	-10682 May 06 j 02:18	0°♈	
	-10682 May 31 j 00:19	0°♉	
	-10682 Jun 25 j 10:02	0°♊	
desc. node	-10682 Jul 06 j 14:14	12°♊51'56	
	-10682 Jul 21 j 22:32	0°♋	
evening max el	-10682 Aug 04 j 12:50	14°♋22'47	47°46'02
	-10682 Aug 20 j 20:44	0°♌	
greatest brilliancy	-10682 Sep 14 j 18:52	16°♌37'02	-4.9m
retrograde	-10682 Sep 24 j 19:37	18°♌34'22	
evening set	-10682 Oct 10 j 00:56	13°♌50'35	
min. Earth dist.	-10682 Oct 15 j 04:03	10°♌39'59	0.27653 AU
inferior conj	-10682 Oct 15 j 17:40	10°♌18'04	-2°30'54
minimum elong	-10682 Oct 15 j 22:45	10°♌09'53	2°28'55
morning rise	-10682 Oct 21 j 21:21	6°♌31'51	
asc. node	-10682 Oct 26 j 06:28	4°♌23'21	
direct	-10682 Nov 05 j 08:22	2°♌16'59	
greatest brilliancy	-10682 Nov 14 j 13:19	3°♌52'57	-4.8m
	-10682 Dec 21 j 08:24	0°♍	
morning max el	-10682 Dec 24 j 08:34	2°♍51'24	46°02'21
	-10681 Jan 19 j 20:21	0°♎	
	-10681 Feb 15 j 22:42	0°♏	
desc. node	-10681 Feb 16 j 11:49	0°♏37'13	
	-10681 Mar 13 j 21:17	0°♐	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10681 Apr 08 j 00:47	0°♉		
	-10681 May 02 j 13:59	0°♒		
	-10681 May 26 j 16:51	0°♓		
asc. node	-10681 Jun 07 j 20:31	15°♓15'36		
greatest brilliancy	-10681 Jun 17 j 06:43	27°♓08'22	-3.9m	
morning set	-10681 Jun 18 j 08:26	28°♓29'33		
	-10681 Jun 19 j 13:05	0°♈		
	-10681 Jul 13 j 06:08	0°♉		
superior conj	-10681 Jul 28 j 04:02	18°♉52'30	1°22'09	
minimum elong	-10681 Jul 28 j 00:28	18°♉41'10	1°22'32	
max. Earth dist.	-10681 Jul 31 j 16:40	23°♉19'59	1.70739 AU	
	-10681 Aug 05 j 23:20	0°♊		
	-10681 Aug 29 j 19:27	0°♋		
evening rise	-10681 Sep 08 j 20:40	12°♋34'49		
	-10681 Sep 22 j 20:08	0°♌		
desc. node	-10681 Sep 28 j 21:49	7°♌32'24		
	-10681 Oct 17 j 01:46	0°♍		
	-10681 Nov 10 j 12:24	0°♎		
	-10681 Dec 05 j 05:22	0°♏		
	-10681 Dec 30 j 09:03	0°♐		
asc. node	-10680 Jan 18 j 11:30	22°♐10'59		
	-10680 Jan 25 j 08:39	0°♑		
	-10680 Feb 21 j 23:53	0°♒		
evening max el	-10680 Mar 08 j 00:35	14°♒55'46	45°23'34	
	-10680 Mar 25 j 08:08	0°♓		
greatest brilliancy	-10680 Apr 15 j 22:01	12°♓39'17	-4.8m	
retrograde	-10680 Apr 25 j 20:22	14°♓24'37		
evening set	-10680 May 10 j 06:53	10°♓29'40		
desc. node	-10680 May 10 j 19:59	10°♓12'48		
inferior conj	-10680 May 16 j 18:24	6°♓51'16	-1°25'53	
minimum elong	-10680 May 16 j 15:08	6°♓56'05	1°25'12	
min. Earth dist.	-10680 May 17 j 06:13	6°♓33'50	0.26966 AU	
morning rise	-10680 May 22 j 22:33	3°♓20'40		
	-10680 May 31 j 05:42	30°℞♒		
direct	-10680 Jun 06 j 17:03	29°♒09'35		
	-10680 Jun 13 j 08:25	0°♓		
greatest brilliancy	-10680 Jun 18 j 03:50	1°♓33'53	-4.9m	
	-10680 Jul 25 j 05:05	0°♈		
morning max el	-10680 Jul 27 j 07:40	2°♈07'42	46°43'10	
	-10680 Aug 21 j 21:40	0°♉		
asc. node	-10680 Aug 30 j 09:55	9°♉49'48		
	-10680 Sep 16 j 11:10	0°♊		
	-10680 Oct 11 j 08:12	0°♋		
	-10680 Nov 05 j 01:39	0°♌		
	-10680 Nov 29 j 20:03	0°♍		
desc. node	-10680 Dec 21 j 11:32	26°♍11'08		
	-10680 Dec 24 j 15:11	0°♎		
	-10679 Jan 18 j 08:38	0°♏		
morning set	-10679 Jan 30 j 16:02	14°♏59'56		
	-10679 Feb 11 j 22:16	0°♐		
max. Earth dist.	-10679 Mar 03 j 04:45	23°♐41'28	1.73376 AU	
superior conj	-10679 Mar 07 j 04:04	28°♐35'32	-1°08'51	
minimum elong	-10679 Mar 07 j 10:59	28°♐56'50	1°09'17	
	-10679 Mar 08 j 07:26	0°♑		
	-10679 Apr 01 j 12:58	0°♒		
evening rise	-10679 Apr 11 j 08:33	12°♒11'31		
asc. node	-10679 Apr 11 j 20:13	12°♒47'46		
	-10679 Apr 25 j 16:17	0°♓		
	-10679 May 19 j 18:50	0°♈		
	-10679 Jun 12 j 22:11	0°♉		
	-10679 Jul 07 j 04:34	0°♊		
	-10679 Jul 31 j 17:12	0°♋		
desc. node	-10679 Aug 03 j 00:43	2°♋48'21		
	-10679 Aug 25 j 17:19	0°♌		
	-10679 Sep 20 j 16:04	0°♍		
evening max el	-10679 Oct 14 j 03:41	25°♍10'38	46°16'14	
	-10679 Oct 19 j 00:46	0°♎		
greatest brilliancy	-10679 Nov 21 j 16:03	25°♎04'19	-4.8m	
asc. node	-10679 Nov 22 j 17:07	25°♎28'35		
retrograde	-10679 Dec 03 j 00:48	27°♎28'52		
evening set	-10679 Dec 19 j 00:58	22°♎21'36		
inferior conj	-10679 Dec 24 j 08:10	19°♎02'36	6°18'22	
minimum elong	-10679 Dec 23 j 23:41	19°♎16'16	6°16'44	
min. Earth dist.	-10679 Dec 23 j 23:32	19°♎16'30	0.29351 AU	
morning rise	-10679 Dec 28 j 22:45	16°♎08'46		
direct	-10678 Jan 15 j 00:35	10°♎32'42		
greatest brilliancy	-10678 Jan 24 j 04:41	12°♎04'43	-4.7m	
	-10678 Feb 21 j 14:21	0°♏		
morning max el	-10678 Mar 04 j 21:27	10°♏11'09	46°01'15	
desc. node	-10678 Mar 15 j 23:58	21°♏06'40		
	-10678 Mar 24 j 13:27	0°♐		
	-10678 Apr 20 j 16:23	0°♑		
	-10678 May 16 j 05:07	0°♒		
	-10678 Jun 09 j 20:11	0°♓		
	-10678 Jul 03 j 22:18	0°♈		
asc. node	-10678 Jul 05 j 10:09	1°♈52'28		
	-10678 Jul 27 j 17:42	0°♉		
	-10678 Aug 20 j 11:28	0°♊		
morning set	-10678 Sep 02 j 17:38	16°♊42'48		
	-10678 Sep 13 j 07:26	0°♋		
	-10678 Oct 07 j 07:47	0°♌		
superior conj	-10678 Oct 15 j 04:43	9°♌46'44	0°25'05	
minimum elong	-10678 Oct 15 j 11:19	10°♌07'14	0°25'18	
max. Earth dist.	-10678 Oct 21 j 01:45	17°♌03'52	1.72353 AU	
desc. node	-10678 Oct 26 j 10:41	23°♌42'48		
	-10678 Oct 31 j 12:47	0°♍		
	-10678 Nov 24 j 21:16	0°♎		
evening rise	-10678 Nov 25 j 12:18	0°♎46'11		
	-10678 Dec 19 j 08:08	0°♏		
	-10677 Jan 12 j 21:41	0°♐		
	-10677 Feb 06 j 16:06	0°♑		
asc. node	-10677 Feb 14 j 22:21	9°♑55'22		
	-10677 Mar 03 j 18:52	0°♒		
	-10677 Mar 29 j 10:33	0°♓		
	-10677 Apr 24 j 23:48	0°♈		
evening max el	-10677 May 21 j 20:08	28°♈15'15	47°09'09	
	-10677 May 23 j 14:48	0°♉		
desc. node	-10677 Jun 08 j 06:20	14°♉14'15		
greatest brilliancy	-10677 Jul 01 j 23:50	29°♉00'47	-4.9m	
	-10677 Jul 05 j 12:19	0°♊		
retrograde	-10677 Jul 11 j 08:55	0°♊39'39		
	-10677 Jul 17 j 01:34	30°℞♉		
evening set	-10677 Jul 29 j 01:55	24°♉40'15		
min. Earth dist.	-10677 Jul 31 j 10:24	23°♉14'50	0.26580 AU	
inferior conj	-10677 Aug 01 j 01:18	22°♉52'05	-8°52'21	
minimum elong	-10677 Aug 01 j 00:20	22°♉53'34	8°51'55	
morning rise	-10677 Aug 03 j 22:51	21°♉07'09		
direct	-10677 Aug 21 j 06:25	15°♉20'32		
greatest brilliancy	-10677 Aug 31 j 02:49	17°♉12'35	-4.9m	
	-10677 Sep 20 j 16:44	0°♊		
asc. node	-10677 Sep 27 j 21:44	6°♊13'29		
morning max el	-10677 Oct 10 j 14:01	18°♊26'22	46°27'32	
	-10677 Oct 21 j 16:24	0°♋		
	-10677 Nov 17 j 17:35	0°♌		
	-10677 Dec 13 j 18:27	0°♍		
	-10676 Jan 08 j 09:14	0°♎		
desc. node	-10676 Jan 19 j 00:57	12°♎35'25		
	-10676 Feb 02 j 16:09	0°♏		
	-10676 Feb 27 j 14:32	0°♐		
	-10676 Mar 23 j 04:10	0°♑		
morning set	-10676 Apr 07 j 01:43	18°♑23'25		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10676 Apr 16 j 10:11	0°♒	
max. Earth dist.	-10676 May 08 j 19:38	27°♒58'00	1.71750 AU
asc. node	-10676 May 09 j 09:15	28°♒40'39	
	-10676 May 10 j 10:34	0°♓	
superior conj	-10676 May 12 j 20:44	3°♓02'20	0°08'07
minimum elong	-10676 May 12 j 19:09	2°♓57'22	0°07'44
behind sun begin	-10676 May 11 j 22:53	1°♓53'51	
behind sun end	-10676 May 13 j 15:24	4°♓00'54	
	-10676 Jun 03 j 07:33	0°♈	
evening rise	-10676 Jun 19 j 07:17	20°♈08'01	
	-10676 Jun 27 j 03:21	0°♉	
	-10676 Jul 21 j 00:20	0°♊	
	-10676 Aug 14 j 00:44	0°♋	
desc. node	-10676 Aug 30 j 11:59	20°♋24'53	
	-10676 Sep 07 j 06:34	0°♌	
	-10676 Oct 01 j 19:58	0°♍	
	-10676 Oct 26 j 20:54	0°♎	
	-10676 Nov 21 j 19:51	0°♏	
	-10676 Dec 19 j 23:34	0°♐	
asc. node	-10676 Dec 20 j 03:22	0°♐09'25	
evening max el	-10676 Dec 23 j 17:31	3°♐39'36	44°56'37
	-10675 Jan 27 j 23:00	0°♑	
greatest brilliancy	-10675 Jan 30 j 05:53	0°♑53'45	-4.7m
retrograde	-10675 Feb 09 j 17:43	2°♑51'51	
	-10675 Feb 21 j 22:46	30°℞♐	
evening set	-10675 Feb 26 j 23:30	27°♐21'54	
inferior conj	-10675 Mar 03 j 04:12	24°♐49'25	7°20'08
minimum elong	-10675 Mar 03 j 11:08	24°♐38'40	7°18'45
min. Earth dist.	-10675 Mar 04 j 08:16	24°♐05'55	0.29108 AU
morning rise	-10675 Mar 07 j 22:15	21°♐55'46	
direct	-10675 Mar 25 j 02:58	16°♐24'55	
greatest brilliancy	-10675 Apr 05 j 07:58	18°♐38'12	-4.8m
desc. node	-10675 Apr 12 j 11:27	22°♐01'16	
	-10675 Apr 24 j 06:39	0°♑	
morning max el	-10675 May 13 j 20:48	17°♑25'27	46°24'40
	-10675 May 26 j 03:34	0°♒	
	-10675 Jun 21 j 23:28	0°♓	
	-10675 Jul 17 j 02:57	0°♈	
asc. node	-10675 Aug 01 j 23:23	19°♈26'47	
	-10675 Aug 10 j 11:50	0°♉	
	-10675 Sep 03 j 13:10	0°♊	
	-10675 Sep 27 j 13:56	0°♋	
	-10675 Oct 21 j 18:05	0°♌	
	-10675 Nov 15 j 02:32	0°♍	
morning set	-10675 Nov 18 j 15:34	4°♍21'03	
desc. node	-10675 Nov 23 j 00:00	9°♍41'25	
	-10675 Dec 09 j 13:46	0°♎	
max. Earth dist.	-10675 Dec 27 j 07:30	21°♎43'53	1.73730 AU
superior conj	-10675 Dec 28 j 01:23	22°♎38'38	-1°07'02
minimum elong	-10675 Dec 27 j 17:09	22°♎13'26	1°06'59
	-10674 Jan 03 j 01:27	0°♏	
	-10674 Jan 27 j 12:11	0°♐	
evening rise	-10674 Feb 02 j 08:38	7°♐11'14	
greatest brilliancy	-10674 Feb 09 j 07:07	15°♐42'32	-3.9m
	-10674 Feb 20 j 22:16	0°♑	
asc. node	-10674 Mar 14 j 10:02	26°♑22'12	
	-10674 Mar 17 j 09:07	0°♒	
	-10674 Apr 10 j 22:16	0°♓	
	-10674 May 05 j 15:07	0°♈	
	-10674 May 30 j 14:10	0°♉	
	-10674 Jun 25 j 01:36	0°♊	
desc. node	-10674 Jul 05 j 16:22	12°♊10'29	
	-10674 Jul 21 j 17:44	0°♋	
evening max el	-10674 Aug 02 j 03:33	12°♋00'13	47°47'38
	-10674 Aug 21 j 05:38	0°♌	
greatest brilliancy	-10674 Sep 12 j 11:55	14°♌17'41	-4.9m
retrograde	-10674 Sep 22 j 11:11	16°♌14'02	
evening set	-10674 Oct 07 j 18:11	11°♌27'33	
inferior conj	-10674 Oct 13 j 09:02	7°♌58'22	-2°51'15
minimum elong	-10674 Oct 13 j 14:46	7°♌49'12	2°49'06
min. Earth dist.	-10674 Oct 12 j 19:46	8°♌19'39	0.27598 AU
morning rise	-10674 Oct 19 j 12:02	4°♌13'32	
asc. node	-10674 Oct 25 j 08:46	1°♌30'22	
	-10674 Nov 01 j 17:14	30°℞♋	
direct	-10674 Nov 02 j 22:29	29°♋58'10	
	-10674 Nov 04 j 03:58	0°♌	
greatest brilliancy	-10674 Nov 12 j 04:51	1°♌35'31	-4.8m
	-10674 Dec 21 j 08:19	0°♍	
morning max el	-10674 Dec 22 j 00:23	0°♍38'31	46°02'52
	-10673 Jan 19 j 12:50	0°♎	
desc. node	-10673 Feb 15 j 13:57	0°♏03'55	
	-10673 Feb 15 j 12:35	0°♏	
	-10673 Mar 13 j 09:54	0°♐	
	-10673 Apr 07 j 12:44	0°♑	
	-10673 May 02 j 01:34	0°♒	
	-10673 May 26 j 04:18	0°♓	
asc. node	-10673 Jun 06 j 22:39	14°♓46'29	
morning set	-10673 Jun 15 j 22:24	26°♓06'14	
	-10673 Jun 19 j 00:28	0°♈	
	-10673 Jul 12 j 17:33	0°♉	
superior conj	-10673 Jul 25 j 14:16	16°♉16'49	1°21'27
minimum elong	-10673 Jul 25 j 09:46	16°♉02'33	1°21'49
max. Earth dist.	-10673 Jul 28 j 20:29	20°♉24'08	1.70726 AU
	-10673 Aug 05 j 10:48	0°♊	
	-10673 Aug 29 j 06:58	0°♋	
evening rise	-10673 Sep 06 j 03:46	9°♋51'02	
	-10673 Sep 22 j 07:40	0°♌	
desc. node	-10673 Sep 28 j 00:06	7°♌03'38	
	-10673 Oct 16 j 13:21	0°♍	
	-10673 Nov 10 j 00:08	0°♎	
	-10673 Dec 04 j 17:30	0°♏	
	-10673 Dec 29 j 22:03	0°♐	
asc. node	-10672 Jan 17 j 13:38	21°♐36'32	
	-10672 Jan 24 j 23:31	0°♑	
	-10672 Feb 21 j 19:16	0°♒	
evening max el	-10672 Mar 05 j 15:22	12°♒40'10	45°20'46
	-10672 Mar 25 j 23:43	0°♓	
greatest brilliancy	-10672 Apr 13 j 09:23	10°♓15'34	-4.8m
retrograde	-10672 Apr 23 j 09:02	12°♓01'24	
evening set	-10672 May 07 j 19:30	8°♓06'20	
desc. node	-10672 May 09 j 22:12	6°♓58'50	
inferior conj	-10672 May 14 j 06:54	4°♓27'36	-1°03'11
minimum elong	-10672 May 14 j 04:29	4°♓31'10	1°02'45
min. Earth dist.	-10672 May 14 j 19:50	4°♓08'31	0.27022 AU
morning rise	-10672 May 20 j 12:42	0°♓54'49	
	-10672 May 22 j 08:34	30°℞♒	
direct	-10672 Jun 04 j 07:19	26°♒44'52	
greatest brilliancy	-10672 Jun 15 j 17:46	29°♒09'13	-4.9m
	-10672 Jun 17 j 17:08	0°♓	
morning max el	-10672 Jul 24 j 21:42	29°♓42'22	46°43'00
	-10672 Jul 25 j 04:37	0°♈	
	-10672 Aug 21 j 14:33	0°♉	
asc. node	-10672 Aug 29 j 12:16	9°♉10'13	
	-10672 Sep 16 j 01:37	0°♊	
	-10672 Oct 10 j 21:25	0°♋	
	-10672 Nov 04 j 14:05	0°♌	
	-10672 Nov 29 j 07:55	0°♍	
desc. node	-10672 Dec 20 j 13:36	25°♍42'37	
	-10672 Dec 24 j 02:38	0°♎	
	-10671 Jan 17 j 19:48	0°♏	
morning set	-10671 Jan 28 j 10:26	12°♏55'47	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10671 Feb 11 j 09:17	0°♐	
max. Earth dist.	-10671 Mar 01 j 02:21	21°♐46'13	1.73417 AU
superior conj	-10671 Mar 05 j 00:02	26°♐35'02	-1°10'19
minimum elong	-10671 Mar 05 j 06:41	26°♐55'32	1°10'46
	-10671 Mar 07 j 18:27	0°♑	
	-10671 Apr 01 j 00:05	0°♒	
evening rise	-10671 Apr 09 j 03:54	10°♒07'47	
asc. node	-10671 Apr 10 j 22:28	12°♒19'57	
	-10671 Apr 25 j 03:36	0°♓	
	-10671 May 19 j 06:26	0°♈	
	-10671 Jun 12 j 10:11	0°♉	
	-10671 Jul 06 j 17:02	0°♊	
	-10671 Jul 31 j 06:21	0°♋	
desc. node	-10671 Aug 02 j 02:57	2°♋15'03	
	-10671 Aug 25 j 07:35	0°♌	
	-10671 Sep 20 j 08:39	0°♍	
evening max el	-10671 Oct 11 j 20:33	22°♍58'02	46°20'01
	-10671 Oct 19 j 00:40	0°♎	
greatest brilliancy	-10671 Nov 19 j 10:34	22°♎57'12	-4.8m
asc. node	-10671 Nov 21 j 19:24	23°♎49'12	
retrograde	-10671 Nov 30 j 18:40	25°♎21'05	
evening set	-10671 Dec 16 j 16:30	20°♎17'18	
min. Earth dist.	-10671 Dec 21 j 16:06	17°♎10'24	0.29304 AU
inferior conj	-10671 Dec 22 j 01:47	16°♎54'47	6°06'57
minimum elong	-10671 Dec 21 j 17:12	17°♎08'38	6°05'14
morning rise	-10671 Dec 26 j 18:20	13°♎57'46	
direct	-10670 Jan 12 j 17:53	8°♎25'49	
greatest brilliancy	-10670 Jan 21 j 20:03	9°♎56'23	-4.7m
	-10670 Feb 21 j 18:01	0°♏	
morning max el	-10670 Mar 02 j 13:31	8°♏02'31	46°00'39
desc. node	-10670 Mar 15 j 02:19	20°♏24'49	
	-10670 Mar 24 j 06:28	0°♐	
	-10670 Apr 20 j 06:26	0°♑	
	-10670 May 15 j 17:53	0°♒	
	-10670 Jun 09 j 08:18	0°♓	
	-10670 Jul 03 j 10:05	0°♈	
asc. node	-10670 Jul 04 j 12:15	1°♈22'10	
	-10670 Jul 27 j 05:18	0°♉	
	-10670 Aug 19 j 22:57	0°♊	
morning set	-10670 Aug 31 j 02:52	14°♊04'52	
	-10670 Sep 12 j 18:49	0°♋	
	-10670 Oct 06 j 19:06	0°♌	
superior conj	-10670 Oct 12 j 14:00	7°♌11'32	0°28'45
minimum elong	-10670 Oct 12 j 21:29	7°♌34'45	0°28'56
max. Earth dist.	-10670 Oct 18 j 18:08	14°♌50'58	1.72283 AU
desc. node	-10670 Oct 25 j 12:47	23°♌14'26	
	-10670 Oct 31 j 00:02	0°♍	
evening rise	-10670 Nov 23 j 02:12	28°♍26'56	
	-10670 Nov 24 j 08:29	0°♎	
	-10670 Dec 18 j 19:23	0°♏	
	-10669 Jan 12 j 09:07	0°♐	
	-10669 Feb 06 j 03:58	0°♑	
asc. node	-10669 Feb 14 j 00:44	9°♑26'12	
	-10669 Mar 03 j 07:36	0°♒	
	-10669 Mar 29 j 00:52	0°♓	
	-10669 Apr 24 j 17:12	0°♈	
evening max el	-10669 May 19 j 08:55	25°♈48'29	47°05'23
	-10669 May 23 j 16:26	0°♉	
desc. node	-10669 Jun 07 j 08:29	13°♉02'22	
greatest brilliancy	-10669 Jun 29 j 12:07	26°♉29'42	-4.9m
retrograde	-10669 Jul 08 j 20:17	28°♉07'48	
evening set	-10669 Jul 26 j 12:03	22°♉12'29	
min. Earth dist.	-10669 Jul 28 j 22:50	20°♉43'48	0.26562 AU
inferior conj	-10669 Jul 29 j 13:22	20°♉21'38	-8°50'33
minimum elong	-10669 Jul 29 j 11:26	20°♉24'35	8°50'04
morning rise	-10669 Aug 01 j 10:53	18°♉36'48	
direct	-10669 Aug 18 j 18:12	12°♉50'39	
greatest brilliancy	-10669 Aug 28 j 16:20	14°♉43'42	-4.9m
	-10669 Sep 21 j 04:31	0°♊	
asc. node	-10669 Sep 27 j 00:01	5°♊10'48	
morning max el	-10669 Oct 08 j 01:44	15°♊55'52	46°28'29
	-10669 Oct 21 j 11:48	0°♋	
	-10669 Nov 17 j 08:53	0°♌	
	-10669 Dec 13 j 07:52	0°♍	
	-10668 Jan 07 j 21:34	0°♎	
desc. node	-10668 Jan 18 j 03:03	12°♎06'04	
	-10668 Feb 02 j 03:49	0°♏	
	-10668 Feb 27 j 01:46	0°♐	
	-10668 Mar 22 j 15:09	0°♑	
morning set	-10668 Apr 04 j 21:10	16°♑21'10	
	-10668 Apr 15 j 21:05	0°♒	
max. Earth dist.	-10668 May 06 j 12:58	25°♒47'36	1.71817 AU
asc. node	-10668 May 08 j 11:24	28°♒13'02	
	-10668 May 09 j 21:32	0°♓	
superior conj	-10668 May 10 j 14:17	0°♓52'28	0°04'58
minimum elong	-10668 May 10 j 13:20	0°♓49'31	0°04'35
behind sun begin	-10668 May 09 j 15:20	29°♒40'34	
behind sun end	-10668 May 11 j 11:20	1°♓58'30	
	-10668 Jun 02 j 18:40	0°♈	
evening rise	-10668 Jun 16 j 21:34	17°♈46'34	
	-10668 Jun 26 j 14:40	0°♉	
	-10668 Jul 20 j 11:50	0°♊	
	-10668 Aug 13 j 12:27	0°♋	
desc. node	-10668 Aug 29 j 14:16	19°♋55'10	
	-10668 Sep 06 j 18:35	0°♌	
	-10668 Oct 01 j 08:25	0°♍	
	-10668 Oct 26 j 10:14	0°♎	
	-10668 Nov 21 j 11:08	0°♏	
asc. node	-10668 Dec 19 j 05:35	29°♏23'11	
	-10668 Dec 19 j 20:39	0°♐	
evening max el	-10668 Dec 21 j 08:15	1°♐26'17	44°57'57
greatest brilliancy	-10667 Jan 27 j 20:44	28°♐45'10	-4.7m
	-10667 Feb 01 j 01:19	0°♑	
retrograde	-10667 Feb 07 j 10:15	0°♑45'10	
	-10667 Feb 13 j 15:04	30°℞♐	
evening set	-10667 Feb 24 j 17:37	25°♐11'30	
inferior conj	-10667 Feb 28 j 20:41	22°♐41'21	7°27'32
minimum elong	-10667 Mar 01 j 03:08	22°♐31'20	7°26'17
min. Earth dist.	-10667 Mar 01 j 23:58	21°♐59'02	0.29164 AU
morning rise	-10667 Mar 05 j 12:11	19°♐51'24	
direct	-10667 Mar 22 j 19:26	14°♐15'42	
greatest brilliancy	-10667 Apr 02 j 23:50	16°♐28'29	-4.7m
desc. node	-10667 Apr 11 j 13:31	20°♐39'58	
	-10667 Apr 24 j 16:51	0°♑	
morning max el	-10667 May 11 j 13:00	15°♑13'02	46°23'50
	-10667 May 25 j 21:52	0°♒	
	-10667 Jun 21 j 14:09	0°♓	
	-10667 Jul 16 j 16:07	0°♈	
asc. node	-10667 Aug 01 j 01:43	18°♈54'58	
	-10667 Aug 10 j 00:15	0°♉	
	-10667 Sep 03 j 01:08	0°♊	
	-10667 Sep 27 j 01:36	0°♋	
	-10667 Oct 21 j 05:30	0°♌	
	-10667 Nov 14 j 13:44	0°♍	
morning set	-10667 Nov 16 j 04:05	1°♍57'48	
desc. node	-10667 Nov 22 j 02:05	9°♍13'39	
	-10667 Dec 09 j 00:46	0°♎	
max. Earth dist.	-10667 Dec 25 j 03:07	19°♎43'30	1.73711 AU
superior conj	-10667 Dec 25 j 17:54	20°♎28'47	-1°05'13
minimum elong	-10667 Dec 25 j 09:22	20°♎02'40	1°05'08

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10666 Jan 02 j 12:20	0°♏	
	-10666 Jan 26 j 23:04	0°♐	
evening rise	-10666 Jan 31 j 03:54	5°♐09'32	
greatest brilliancy	-10666 Feb 07 j 22:45	14°♐43'15	-3.9m
	-10666 Feb 20 j 09:18	0°♑	
asc. node	-10666 Mar 13 j 12:19	25°♑54'41	
	-10666 Mar 16 j 20:26	0°♒	
	-10666 Apr 10 j 10:03	0°♓	
	-10666 May 05 j 03:35	0°♈	
	-10666 May 30 j 03:42	0°♉	
	-10666 Jun 24 j 16:57	0°♊	
desc. node	-10666 Jul 04 j 18:36	11°♊30'02	
	-10666 Jul 21 j 13:05	0°♋	
evening max el	-10666 Jul 30 j 19:00	9°♋40'22	47°48'44
	-10666 Aug 21 j 17:19	0°♌	
greatest brilliancy	-10666 Sep 10 j 04:07	11°♌57'07	-4.9m
retrograde	-10666 Sep 20 j 02:49	13°♌53'02	
evening set	-10666 Oct 05 j 11:17	9°♌03'37	
min. Earth dist.	-10666 Oct 10 j 10:56	5°♌58'53	0.27548 AU
inferior conj	-10666 Oct 11 j 00:04	5°♌37'53	-3°11'43
minimum elong	-10666 Oct 11 j 06:24	5°♌27'45	3°09'23
morning rise	-10666 Oct 17 j 02:12	1°♌54'50	
	-10666 Oct 20 j 22:11	30°℞♋	
asc. node	-10666 Oct 24 j 10:58	28°♋41'51	
direct	-10666 Oct 31 j 12:54	27°♋38'37	
greatest brilliancy	-10666 Nov 09 j 19:45	29°♋16'58	-4.8m
	-10666 Nov 11 j 18:36	0°♌	
morning max el	-10666 Dec 19 j 16:32	28°♌26'44	46°03'30
	-10666 Dec 21 j 07:05	0°♍	
	-10665 Jan 19 j 04:48	0°♎	
desc. node	-10665 Feb 14 j 16:15	29°♎32'06	
	-10665 Feb 15 j 02:02	0°♏	
	-10665 Mar 12 j 22:08	0°♐	
	-10665 Apr 07 j 00:19	0°♑	
	-10665 May 01 j 12:50	0°♒	
	-10665 May 25 j 15:23	0°♓	
asc. node	-10665 Jun 06 j 00:49	14°♓18'32	
morning set	-10665 Jun 13 j 13:08	23°♓46'33	
	-10665 Jun 18 j 11:30	0°♈	
	-10665 Jul 12 j 04:35	0°♉	
superior conj	-10665 Jul 23 j 01:13	13°♉44'37	1°20'36
minimum elong	-10665 Jul 22 j 19:51	13°♉27'38	1°20'55
max. Earth dist.	-10665 Jul 26 j 02:32	17°♉36'27	1.70717 AU
	-10665 Aug 04 j 21:54	0°♊	
	-10665 Aug 28 j 18:09	0°♋	
evening rise	-10665 Sep 03 j 11:04	7°♋08'45	
	-10665 Sep 21 j 18:57	0°♌	
desc. node	-10665 Sep 27 j 02:12	6°♌35'07	
	-10665 Oct 16 j 00:44	0°♍	
	-10665 Nov 09 j 11:42	0°♎	
	-10665 Dec 04 j 05:29	0°♏	
	-10665 Dec 29 j 10:56	0°♐	
asc. node	-10664 Jan 16 j 16:02	21°♐03'21	
	-10664 Jan 24 j 14:18	0°♑	
	-10664 Feb 21 j 14:52	0°♒	
evening max el	-10664 Mar 03 j 06:14	10°♒25'43	45°18'08
	-10664 Mar 26 j 19:48	0°♓	
greatest brilliancy	-10664 Apr 10 j 21:37	7°♓54'21	-4.8m
retrograde	-10664 Apr 20 j 21:30	9°♓39'50	
evening set	-10664 May 05 j 08:34	5°♓44'39	
desc. node	-10664 May 09 j 00:25	3°♓44'26	
inferior conj	-10664 May 11 j 19:38	2°♓05'47	-0°40'31
minimum elong	-10664 May 11 j 18:05	2°♓08'06	0°40'22
min. Earth dist.	-10664 May 12 j 09:51	1°♓44'44	0.27075 AU
	-10664 May 15 j 09:38	30°℞♒	
morning rise	-10664 May 18 j 02:50	28°♒30'49	
direct	-10664 Jun 01 j 21:29	24°♒22'05	
greatest brilliancy	-10664 Jun 13 j 07:49	26°♒46'07	-4.9m
	-10664 Jun 19 j 21:52	0°♓	
morning max el	-10664 Jul 22 j 10:55	27°♓16'19	46°42'55
	-10664 Jul 25 j 02:43	0°♈	
	-10664 Aug 21 j 06:42	0°♉	
asc. node	-10664 Aug 28 j 14:30	8°♉32'00	
	-10664 Sep 15 j 15:32	0°♊	
	-10664 Oct 10 j 10:12	0°♋	
	-10664 Nov 04 j 02:11	0°♌	
	-10664 Nov 28 j 19:32	0°♍	
desc. node	-10664 Dec 19 j 15:47	25°♍14'59	
	-10664 Dec 23 j 13:53	0°♎	
	-10663 Jan 17 j 06:48	0°♏	
morning set	-10663 Jan 26 j 04:20	10°♏50'39	
	-10663 Feb 10 j 20:08	0°♐	
max. Earth dist.	-10663 Feb 26 j 22:26	19°♐47'00	1.73452 AU
superior conj	-10663 Mar 02 j 19:41	24°♐34'19	-1°11'43
minimum elong	-10663 Mar 03 j 02:01	24°♐53'52	1°12'10
	-10663 Mar 07 j 05:15	0°♑	
	-10663 Mar 31 j 10:58	0°♒	
evening rise	-10663 Apr 06 j 23:07	8°♒04'24	
asc. node	-10663 Apr 10 j 00:35	11°♒52'28	
	-10663 Apr 24 j 14:41	0°♓	
	-10663 May 18 j 17:50	0°♈	
	-10663 Jun 11 j 21:58	0°♉	
	-10663 Jul 06 j 05:18	0°♊	
	-10663 Jul 30 j 19:15	0°♋	
desc. node	-10663 Aug 01 j 05:18	1°♋42'56	
	-10663 Aug 24 j 21:38	0°♌	
	-10663 Sep 20 j 01:12	0°♍	
evening max el	-10663 Oct 09 j 12:15	20°♍43'06	46°23'34
	-10663 Oct 19 j 01:25	0°♎	
greatest brilliancy	-10663 Nov 17 j 05:15	20°♎50'15	-4.8m
asc. node	-10663 Nov 20 j 21:38	22°♎06'17	
retrograde	-10663 Nov 28 j 11:57	23°♎13'00	
evening set	-10663 Dec 14 j 07:52	18°♎12'35	
inferior conj	-10663 Dec 19 j 19:12	14°♎46'44	5°54'47
minimum elong	-10663 Dec 19 j 10:36	15°♎00'39	5°53'02
min. Earth dist.	-10663 Dec 19 j 08:53	15°♎03'25	0.29261 AU
morning rise	-10663 Dec 24 j 13:45	11°♎46'22	
direct	-10662 Jan 10 j 10:34	6°♎18'31	
greatest brilliancy	-10662 Jan 19 j 12:00	7°♎48'16	-4.7m
	-10662 Feb 21 j 20:10	0°♏	
morning max el	-10662 Feb 28 j 04:38	5°♏51'36	46°00'11
desc. node	-10662 Mar 14 j 04:22	19°♏42'53	
	-10662 Mar 23 j 23:06	0°♐	
	-10662 Apr 19 j 20:13	0°♑	
	-10662 May 15 j 06:24	0°♒	
	-10662 Jun 08 j 20:11	0°♓	
	-10662 Jul 02 j 21:39	0°♈	
asc. node	-10662 Jul 03 j 14:30	0°♈52'54	
	-10662 Jul 26 j 16:43	0°♉	
	-10662 Aug 19 j 10:15	0°♊	
morning set	-10662 Aug 28 j 12:18	11°♊27'54	
	-10662 Sep 12 j 06:01	0°♋	
	-10662 Oct 06 j 06:13	0°♌	
superior conj	-10662 Oct 09 j 23:32	4°♌37'36	0°32'20
minimum elong	-10662 Oct 10 j 07:49	5°♌03'20	0°32'29
max. Earth dist.	-10662 Oct 16 j 10:12	12°♌37'37	1.72210 AU
desc. node	-10662 Oct 24 j 14:54	22°♌46'44	
	-10662 Oct 30 j 11:05	0°♍	
evening rise	-10662 Nov 20 j 16:03	26°♍07'57	
	-10662 Nov 23 j 19:32	0°♎	
	-10662 Dec 18 j 06:31	0°♏	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10661 Jan 11 j 20:29	0°♐	
	-10661 Feb 05 j 15:51	0°♑	
asc. node	-10661 Feb 13 j 02:58	8°♑56'41	
	-10661 Mar 02 j 20:24	0°♒	
	-10661 Mar 28 j 15:19	0°♓	
	-10661 Apr 24 j 10:55	0°♈	
evening max el	-10661 May 16 j 20:37	23°♈19'27	47°01'46
	-10661 May 23 j 19:20	0°♉	
desc. node	-10661 Jun 06 j 10:45	11°♉48'55	
greatest brilliancy	-10661 Jun 27 j 00:17	23°♉58'44	-4.9m
retrograde	-10661 Jul 06 j 07:39	25°♉36'25	
evening set	-10661 Jul 23 j 21:38	19°♉45'30	
min. Earth dist.	-10661 Jul 26 j 11:16	18°♉12'51	0.26546 AU
inferior conj	-10661 Jul 27 j 01:23	17°♉51'23	-8°47'35
minimum elong	-10661 Jul 26 j 22:30	17°♉55'46	8°47'04
morning rise	-10661 Jul 29 j 23:25	16°♉05'56	
direct	-10661 Aug 16 j 05:44	10°♉20'37	
greatest brilliancy	-10661 Aug 26 j 06:07	12°♉15'19	-4.9m
	-10661 Sep 21 j 13:11	0°♊	
asc. node	-10661 Sep 26 j 02:08	4°♊09'26	
morning max el	-10661 Oct 05 j 13:54	13°♊26'30	46°29'35
	-10661 Oct 21 j 06:36	0°♋	
	-10661 Nov 16 j 23:52	0°♌	
	-10661 Dec 12 j 21:06	0°♍	
	-10660 Jan 07 j 09:48	0°♎	
desc. node	-10660 Jan 17 j 05:19	11°♎37'23	
	-10660 Feb 01 j 15:27	0°♏	
	-10660 Feb 26 j 13:01	0°♐	
	-10660 Mar 22 j 02:12	0°♑	
morning set	-10660 Apr 02 j 16:21	14°♑17'53	
	-10660 Apr 15 j 08:04	0°♒	
max. Earth dist.	-10660 May 04 j 06:57	23°♒39'08	1.71879 AU
asc. node	-10660 May 07 j 13:35	27°♒45'20	
superior conj	-10660 May 08 j 07:34	28°♒41'41	0°01'46
minimum elong	-10660 May 08 j 07:17	28°♒40'48	0°01'24
behind sun begin	-10660 May 07 j 08:40	27°♒29'58	
behind sun end	-10660 May 09 j 05:54	29°♒51'39	
	-10660 May 09 j 08:34	0°♓	
	-10660 Jun 02 j 05:49	0°♈	
evening rise	-10660 Jun 14 j 11:50	15°♈25'05	
	-10660 Jun 26 j 01:59	0°♉	
	-10660 Jul 19 j 23:21	0°♊	
	-10660 Aug 13 j 00:13	0°♋	
desc. node	-10660 Aug 28 j 16:21	19°♋24'39	
	-10660 Sep 06 j 06:40	0°♌	
	-10660 Sep 30 j 20:59	0°♍	
	-10660 Oct 25 j 23:41	0°♎	
	-10660 Nov 21 j 02:38	0°♏	
asc. node	-10660 Dec 18 j 07:57	28°♏36'39	
evening max el	-10660 Dec 18 j 23:34	29°♏14'25	44°59'23
	-10660 Dec 19 j 18:31	0°♐	
greatest brilliancy	-10659 Jan 25 j 11:09	26°♐35'58	-4.7m
retrograde	-10659 Feb 05 j 03:03	28°♐38'05	
evening set	-10659 Feb 22 j 11:33	23°♐00'57	
inferior conj	-10659 Feb 26 j 13:06	20°♐32'46	7°34'19
minimum elong	-10659 Feb 26 j 19:04	20°♐23'31	7°33'09
min. Earth dist.	-10659 Feb 27 j 15:15	19°♐52'13	0.29222 AU
morning rise	-10659 Mar 03 j 02:10	17°♐46'24	
direct	-10659 Mar 20 j 12:23	12°♐06'02	
greatest brilliancy	-10659 Mar 31 j 15:04	14°♐17'37	-4.7m
desc. node	-10659 Apr 10 j 15:46	19°♐20'49	
	-10659 Apr 25 j 00:41	0°♑	
morning max el	-10659 May 09 j 05:55	13°♑01'53	46°22'53
	-10659 May 25 j 16:02	0°♒	
	-10659 Jun 21 j 04:53	0°♓	
	-10659 Jul 16 j 05:23	0°♈	
asc. node	-10659 Jul 31 j 03:55	18°♈22'30	
	-10659 Aug 09 j 12:43	0°♉	
	-10659 Sep 02 j 13:09	0°♊	
	-10659 Sep 26 j 13:19	0°♋	
	-10659 Oct 20 j 17:01	0°♌	
morning set	-10659 Nov 13 j 16:33	29°♌33'53	
	-10659 Nov 14 j 01:03	0°♍	
desc. node	-10659 Nov 21 j 04:16	8°♍45'52	
	-10659 Dec 08 j 11:54	0°♎	
superior conj	-10659 Dec 23 j 10:21	18°♎18'16	-1°03'17
minimum elong	-10659 Dec 23 j 01:35	17°♎51'24	1°03'10
max. Earth dist.	-10659 Dec 23 j 00:15	17°♎47'19	1.73689 AU
	-10658 Jan 01 j 23:21	0°♏	
	-10658 Jan 26 j 10:05	0°♐	
evening rise	-10658 Jan 28 j 23:14	3°♐07'43	
greatest brilliancy	-10658 Feb 06 j 14:44	13°♐44'38	-3.9m
	-10658 Feb 19 j 20:28	0°♑	
asc. node	-10658 Mar 12 j 14:26	25°♑26'05	
	-10658 Mar 16 j 07:57	0°♒	
	-10658 Apr 09 j 22:06	0°♓	
	-10658 May 04 j 16:24	0°♈	
	-10658 May 29 j 17:39	0°♉	
	-10658 Jun 24 j 08:51	0°♊	
desc. node	-10658 Jul 03 j 20:56	10°♊48'35	
	-10658 Jul 21 j 09:19	0°♋	
evening max el	-10658 Jul 28 j 11:09	7°♋21'30	47°49'53
	-10658 Aug 22 j 09:15	0°♌	
greatest brilliancy	-10658 Sep 07 j 19:50	9°♌35'15	-4.9m
retrograde	-10658 Sep 17 j 18:33	11°♌30'56	
evening set	-10658 Oct 03 j 04:27	6°♌38'37	
min. Earth dist.	-10658 Oct 08 j 01:39	3°♌37'32	0.27497 AU
inferior conj	-10658 Oct 08 j 14:58	3°♌16'18	-3°31'55
minimum elong	-10658 Oct 08 j 21:53	3°♌05'15	3°29'26
	-10658 Oct 13 j 22:36	30°℞♋	
morning rise	-10658 Oct 14 j 16:04	29°♋35'21	
asc. node	-10658 Oct 23 j 13:17	25°♋57'47	
direct	-10658 Oct 29 j 03:41	25°♋18'16	
greatest brilliancy	-10658 Nov 07 j 10:02	26°♋56'49	-4.8m
	-10658 Nov 14 j 08:55	0°♌	
morning max el	-10658 Dec 17 j 08:42	26°♌14'15	46°04'07
	-10658 Dec 21 j 05:13	0°♍	
	-10657 Jan 18 j 20:44	0°♎	
desc. node	-10657 Feb 13 j 18:16	28°♎59'04	
	-10657 Feb 14 j 15:36	0°♏	
	-10657 Mar 12 j 10:32	0°♐	
	-10657 Apr 06 j 12:06	0°♑	
	-10657 May 01 j 00:19	0°♒	
	-10657 May 25 j 02:45	0°♓	
asc. node	-10657 Jun 05 j 03:04	13°♓49'54	
morning set	-10657 Jun 11 j 03:41	21°♓25'20	
	-10657 Jun 17 j 22:50	0°♈	
	-10657 Jul 11 j 15:58	0°♉	
superior conj	-10657 Jul 20 j 11:59	11°♉10'43	1°19'35
minimum elong	-10657 Jul 20 j 05:47	10°♉51'09	1°19'50
max. Earth dist.	-10657 Jul 23 j 05:10	14°♉36'51	1.70708 AU
	-10657 Aug 04 j 09:21	0°♊	
	-10657 Aug 28 j 05:40	0°♋	
evening rise	-10657 Aug 31 j 17:57	4°♋24'04	
	-10657 Sep 21 j 06:30	0°♌	
desc. node	-10657 Sep 26 j 04:20	6°♌05'50	
	-10657 Oct 15 j 12:22	0°♍	
	-10657 Nov 08 j 23:33	0°♎	
	-10657 Dec 03 j 17:47	0°♏	
	-10657 Dec 29 j 00:09	0°♐	
asc. node	-10656 Jan 15 j 18:19	20°♐28'55	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10656 Jan 24 j 05:31	0°♉	
	-10656 Feb 21 j 11:19	0°♒	
evening max el	-10656 Feb 29 j 20:33	8°♒09'30	45°15'34
	-10656 Mar 27 j 23:20	0°♓	
greatest brilliancy	-10656 Apr 08 j 10:28	5°♓33'41	-4.8m
retrograde	-10656 Apr 18 j 09:33	7°♓18'18	
evening set	-10656 May 02 j 21:57	3°♓22'32	
desc. node	-10656 May 08 j 02:40	0°♓28'18	
	-10656 May 08 j 21:46	30°♑♒	
inferior conj	-10656 May 09 j 08:33	29°♒44'00	-0°17'59
minimum elong	-10656 May 09 j 07:51	29°♒45'02	0°18'07
min. Earth dist.	-10656 May 10 j 00:19	29°♒20'34	0.27136 AU
morning rise	-10656 May 15 j 16:52	26°♒06'52	
direct	-10656 May 30 j 11:13	21°♒59'00	
greatest brilliancy	-10656 Jun 10 j 22:25	24°♒23'05	-4.9m
	-10656 Jun 21 j 09:09	0°♓	
morning max el	-10656 Jul 19 j 23:29	24°♓47'25	46°42'38
	-10656 Jul 25 j 00:29	0°♈	
	-10656 Aug 20 j 23:03	0°♉	
asc. node	-10656 Aug 27 j 16:35	7°♉52'20	
	-10656 Sep 15 j 05:46	0°♊	
	-10656 Oct 09 j 23:18	0°♋	
	-10656 Nov 03 j 14:33	0°♌	
	-10656 Nov 28 j 07:24	0°♍	
desc. node	-10656 Dec 18 j 17:55	24°♍46'27	
	-10656 Dec 23 j 01:23	0°♎	
	-10655 Jan 16 j 18:03	0°♏	
morning set	-10655 Jan 23 j 22:16	8°♏44'49	
	-10655 Feb 10 j 07:14	0°♐	
max. Earth dist.	-10655 Feb 24 j 17:43	17°♐44'34	1.73485 AU
superior conj	-10655 Feb 28 j 15:35	22°♐33'40	-1°13'00
minimum elong	-10655 Feb 28 j 21:35	22°♐52'10	1°13'28
	-10655 Mar 06 j 16:19	0°♑	
	-10655 Mar 30 j 22:06	0°♒	
evening rise	-10655 Apr 04 j 18:39	6°♒01'23	
asc. node	-10655 Apr 09 j 02:51	11°♒24'42	
	-10655 Apr 24 j 02:01	0°♓	
	-10655 May 18 j 05:29	0°♈	
	-10655 Jun 11 j 10:03	0°♉	
	-10655 Jul 05 j 17:55	0°♊	
	-10655 Jul 30 j 08:37	0°♋	
desc. node	-10655 Jul 31 j 07:21	1°♋08'38	
	-10655 Aug 24 j 12:14	0°♌	
	-10655 Sep 19 j 18:31	0°♍	
evening max el	-10655 Oct 07 j 03:11	18°♍24'51	46°27'22
	-10655 Oct 19 j 04:03	0°♎	
greatest brilliancy	-10655 Nov 15 j 00:02	18°♎42'10	-4.8m
asc. node	-10655 Nov 19 j 23:58	20°♎18'39	
retrograde	-10655 Nov 26 j 05:11	21°♎04'00	
evening set	-10655 Dec 11 j 23:18	16°♎06'39	
min. Earth dist.	-10655 Dec 17 j 01:52	12°♎55'16	0.29212 AU
inferior conj	-10655 Dec 17 j 12:40	12°♎37'48	5°42'09
minimum elong	-10655 Dec 17 j 04:03	12°♎51'44	5°40'21
morning rise	-10655 Dec 22 j 09:12	9°♎34'10	
direct	-10654 Jan 08 j 02:46	4°♎10'14	
greatest brilliancy	-10654 Jan 17 j 04:21	5°♎39'49	-4.7m
	-10654 Feb 21 j 21:17	0°♏	
morning max el	-10654 Feb 25 j 19:48	3°♏40'03	45°59'49
desc. node	-10654 Mar 13 j 06:33	19°♏01'09	
	-10654 Mar 23 j 15:41	0°♐	
	-10654 Apr 19 j 10:06	0°♑	
	-10654 May 14 j 19:04	0°♒	
	-10654 Jun 08 j 08:15	0°♓	
	-10654 Jul 02 j 09:24	0°♈	
asc. node	-10654 Jul 02 j 16:41	0°♈22'52	
	-10654 Jul 26 j 04:19	0°♉	
	-10654 Aug 18 j 21:47	0°♊	
morning set	-10654 Aug 25 j 21:38	8°♊49'43	
	-10654 Sep 11 j 17:30	0°♋	
	-10654 Oct 05 j 17:38	0°♌	
superior conj	-10654 Oct 07 j 08:35	2°♌01'05	0°35'53
minimum elong	-10654 Oct 07 j 17:37	2°♌29'12	0°36'02
max. Earth dist.	-10654 Oct 13 j 22:35	10°♌11'44	1.72138 AU
desc. node	-10654 Oct 23 j 17:07	22°♌18'21	
	-10654 Oct 29 j 22:28	0°♍	
evening rise	-10654 Nov 18 j 05:13	23°♍45'56	
	-10654 Nov 23 j 06:53	0°♎	
	-10654 Dec 17 j 17:55	0°♏	
	-10653 Jan 11 j 08:06	0°♐	
	-10653 Feb 05 j 03:59	0°♑	
asc. node	-10653 Feb 12 j 05:06	8°♑26'07	
	-10653 Mar 02 j 09:30	0°♒	
	-10653 Mar 28 j 06:08	0°♓	
	-10653 Apr 24 j 05:12	0°♈	
evening max el	-10653 May 14 j 08:33	20°♈50'58	46°58'14
	-10653 May 23 j 24:00	0°♉	
desc. node	-10653 Jun 05 j 13:03	10°♉33'08	
greatest brilliancy	-10653 Jun 24 j 11:59	21°♉27'22	-4.9m
retrograde	-10653 Jul 03 j 19:32	23°♉05'28	
evening set	-10653 Jul 21 j 06:46	17°♉19'15	
min. Earth dist.	-10653 Jul 23 j 23:31	15°♉42'26	0.26535 AU
inferior conj	-10653 Jul 24 j 13:28	15°♉21'17	-8°43'26
minimum elong	-10653 Jul 24 j 09:40	15°♉27'03	8°42'50
morning rise	-10653 Jul 27 j 12:36	13°♉34'35	
direct	-10653 Aug 13 j 17:40	7°♉50'37	
greatest brilliancy	-10653 Aug 23 j 19:43	9°♉46'51	-4.9m
	-10653 Sep 21 j 19:33	0°♊	
asc. node	-10653 Sep 25 j 04:29	3°♊09'43	
morning max el	-10653 Oct 03 j 02:59	10°♊58'58	46°30'28
	-10653 Oct 21 j 01:09	0°♋	
	-10653 Nov 16 j 14:56	0°♌	
	-10653 Dec 12 j 10:30	0°♍	
	-10652 Jan 06 j 22:13	0°♎	
desc. node	-10652 Jan 16 j 07:20	11°♎07'25	
	-10652 Feb 01 j 03:12	0°♏	
	-10652 Feb 26 j 00:22	0°♐	
	-10652 Mar 21 j 13:20	0°♑	
morning set	-10652 Mar 31 j 11:35	12°♑14'36	
	-10652 Apr 14 j 19:09	0°♒	
max. Earth dist.	-10652 May 02 j 00:30	21°♒29'04	1.71940 AU
superior conj	-10652 May 06 j 01:07	26°♒31'24	-0°01'27
minimum elong	-10652 May 06 j 01:28	26°♒32'30	0°01'48
behind sun begin	-10652 May 05 j 02:57	25°♒22'01	
behind sun end	-10652 May 06 j 23:58	27°♒43'00	
asc. node	-10652 May 06 j 15:48	27°♒17'25	
	-10652 May 08 j 19:42	0°♓	
	-10652 Jun 01 j 17:05	0°♈	
evening rise	-10652 Jun 12 j 02:33	13°♈04'46	
	-10652 Jun 25 j 13:23	0°♉	
	-10652 Jul 19 j 10:56	0°♊	
	-10652 Aug 12 j 12:01	0°♋	
desc. node	-10652 Aug 27 j 18:34	18°♋54'29	
	-10652 Sep 05 j 18:48	0°♌	
	-10652 Sep 30 j 09:37	0°♍	
	-10652 Oct 25 j 13:18	0°♎	
	-10652 Nov 20 j 18:29	0°♏	
evening max el	-10652 Dec 16 j 15:54	27°♏04'33	45°00'57
asc. node	-10652 Dec 17 j 10:12	27°♏48'38	
	-10652 Dec 19 j 17:28	0°♐	
greatest brilliancy	-10651 Jan 23 j 02:01	24°♐27'11	-4.7m
retrograde	-10651 Feb 02 j 20:01	26°♐30'53	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

evening set	-10651 Feb 20 j 05:30	20°♐50'52	
inferior conj	-10651 Feb 24 j 05:38	18°♐24'18	7°40'19
minimum elong	-10651 Feb 24 j 11:05	18°♐15'51	7°39'17
min. Earth dist.	-10651 Feb 25 j 06:22	17°♐45'53	0.29273 AU
morning rise	-10651 Feb 28 j 16:20	15°♐41'16	
direct	-10651 Mar 18 j 05:42	9°♐56'50	
greatest brilliancy	-10651 Mar 29 j 05:36	12°♐06'16	-4.7m
desc. node	-10651 Apr 09 j 18:03	18°♐04'21	
	-10651 Apr 25 j 06:15	0°♑	
morning max el	-10651 May 06 j 22:49	10°♑51'08	46°21'49
	-10651 May 25 j 09:45	0°♒	
	-10651 Jun 20 j 19:25	0°♓	
	-10651 Jul 15 j 18:31	0°♈	
asc. node	-10651 Jul 30 j 05:56	17°♈49'39	
	-10651 Aug 09 j 01:07	0°♉	
	-10651 Sep 02 j 01:05	0°♊	
	-10651 Sep 26 j 00:58	0°♋	
	-10651 Oct 20 j 04:26	0°♌	
morning set	-10651 Nov 11 j 05:04	27°♌10'14	
	-10651 Nov 13 j 12:16	0°♍	
desc. node	-10651 Nov 20 j 06:23	8°♍18'00	
	-10651 Dec 07 j 22:58	0°♎	
superior conj	-10651 Dec 21 j 02:30	16°♎06'52	-1°01'16
minimum elong	-10651 Dec 20 j 17:33	15°♎39'27	1°01'05
max. Earth dist.	-10651 Dec 20 j 22:14	15°♎53'49	1.73668 AU
	-10650 Jan 01 j 10:19	0°♏	
	-10650 Jan 25 j 21:04	0°♐	
evening rise	-10650 Jan 26 j 18:16	1°♐05'05	
greatest brilliancy	-10650 Feb 05 j 10:15	12°♐57'00	-3.9m
	-10650 Feb 19 j 07:37	0°♑	
asc. node	-10650 Mar 11 j 16:44	24°♑58'16	
	-10650 Mar 15 j 19:25	0°♒	
	-10650 Apr 09 j 10:05	0°♓	
	-10650 May 04 j 05:11	0°♈	
	-10650 May 29 j 07:38	0°♉	
	-10650 Jun 24 j 00:53	0°♊	
desc. node	-10650 Jul 02 j 23:03	10°♊06'18	
	-10650 Jul 21 j 06:04	0°♋	
evening max el	-10650 Jul 26 j 03:41	5°♋03'49	47°50'45
	-10650 Aug 23 j 06:20	0°♌	
greatest brilliancy	-10650 Sep 05 j 11:47	7°♌14'00	-4.9m
retrograde	-10650 Sep 15 j 10:13	9°♌08'52	
evening set	-10650 Sep 30 j 21:42	4°♌13'56	
min. Earth dist.	-10650 Oct 05 j 16:22	1°♌16'29	0.27442 AU
inferior conj	-10650 Oct 06 j 05:48	0°♌55'03	-3°51'47
minimum elong	-10650 Oct 06 j 13:16	0°♌43'09	3°49'12
	-10650 Oct 07 j 16:27	30°℞♋	
morning rise	-10650 Oct 12 j 05:38	27°♋16'19	
asc. node	-10650 Oct 22 j 15:32	23°♋19'48	
direct	-10650 Oct 26 j 18:25	22°♋58'31	
greatest brilliancy	-10650 Nov 05 j 00:06	24°♋36'50	-4.8m
	-10650 Nov 15 j 23:35	0°♌	
morning max el	-10650 Dec 15 j 00:07	24°♌00'27	46°04'39
	-10650 Dec 21 j 02:17	0°♍	
	-10649 Jan 18 j 12:12	0°♎	
desc. node	-10649 Feb 12 j 20:25	28°♎27'02	
	-10649 Feb 14 j 04:53	0°♏	
	-10649 Mar 11 j 22:44	0°♐	
	-10649 Apr 05 j 23:42	0°♑	
	-10649 Apr 30 j 11:36	0°♒	
	-10649 May 24 j 13:53	0°♓	
asc. node	-10649 Jun 04 j 05:10	13°♓21'34	
morning set	-10649 Jun 08 j 18:25	19°♓05'30	
	-10649 Jun 17 j 09:56	0°♈	
	-10649 Jul 11 j 03:07	0°♉	

superior conj	-10649 Jul 17 j 23:03	8°♉38'34	1°18'23
minimum elong	-10649 Jul 17 j 16:08	8°♉16'40	1°18'36
max. Earth dist.	-10649 Jul 20 j 05:10	11°♉29'44	1.70706 AU
	-10649 Aug 03 j 20:36	0°♊	
	-10649 Aug 27 j 16:58	0°♋	
evening rise	-10649 Aug 29 j 00:57	1°♋40'13	
	-10649 Sep 20 j 17:51	0°♌	
desc. node	-10649 Sep 25 j 06:36	5°♌37'36	
	-10649 Oct 14 j 23:47	0°♍	
	-10649 Nov 08 j 11:09	0°♎	
	-10649 Dec 03 j 05:50	0°♏	
	-10649 Dec 28 j 13:10	0°♐	
asc. node	-10648 Jan 14 j 20:27	19°♐54'39	
	-10648 Jan 23 j 20:41	0°♑	
	-10648 Feb 21 j 08:11	0°♒	
evening max el	-10648 Feb 27 j 10:09	5°♒52'18	45°13'02
	-10648 Mar 29 j 13:47	0°♓	
greatest brilliancy	-10648 Apr 05 j 23:45	3°♓14'19	-4.8m
retrograde	-10648 Apr 15 j 21:30	4°♓58'02	
evening set	-10648 Apr 30 j 11:36	1°♓01'07	
	-10648 May 02 j 09:34	30°℞♒	
inferior conj	-10648 May 06 j 21:35	27°♒23'28	0°04'22
minimum elong	-10648 May 06 j 21:44	27°♒23'14	0°03'57
transit middle	-10648 May 06 j 21:44	27°♒23'14	0°03'57
transit begin	-10648 May 06 j 17:43	27°♒29'13	
transit end	-10648 May 07 j 01:45	27°♒17'16	
desc. node	-10648 May 07 j 04:51	27°♒12'38	
min. Earth dist.	-10648 May 07 j 15:13	26°♒57'14	0.27198 AU
morning rise	-10648 May 13 j 06:51	23°♒44'29	
direct	-10648 May 28 j 00:39	19°♒36'58	
greatest brilliancy	-10648 Jun 08 j 13:40	22°♒02'01	-4.9m
	-10648 Jun 22 j 09:53	0°♓	
morning max el	-10648 Jul 17 j 11:51	22°♓19'01	46°42'23
	-10648 Jul 24 j 21:09	0°♈	
	-10648 Aug 20 j 14:50	0°♉	
asc. node	-10648 Aug 26 j 18:55	7°♉14'40	
	-10648 Sep 14 j 19:35	0°♊	
	-10648 Oct 09 j 12:03	0°♋	
	-10648 Nov 03 j 02:37	0°♌	
	-10648 Nov 27 j 18:57	0°♍	
desc. node	-10648 Dec 17 j 19:58	24°♍18'34	
	-10648 Dec 22 j 12:34	0°♎	
	-10647 Jan 16 j 04:58	0°♏	
morning set	-10647 Jan 21 j 16:08	6°♏39'50	
	-10647 Feb 09 j 18:01	0°♐	
max. Earth dist.	-10647 Feb 22 j 13:45	15°♐45'26	1.73523 AU
superior conj	-10647 Feb 26 j 11:31	20°♐34'06	-1°14'11
minimum elong	-10647 Feb 26 j 17:10	20°♐51'31	1°14'41
	-10647 Mar 06 j 03:05	0°♑	
	-10647 Mar 30 j 08:58	0°♒	
evening rise	-10647 Apr 02 j 14:12	3°♒59'22	
asc. node	-10647 Apr 08 j 05:04	10°♒57'36	
	-10647 Apr 23 j 13:07	0°♓	
	-10647 May 17 j 16:55	0°♈	
	-10647 Jun 10 j 21:52	0°♉	
	-10647 Jul 05 j 06:15	0°♊	
	-10647 Jul 29 j 21:43	0°♋	
desc. node	-10647 Jul 30 j 09:37	0°♋35'50	
	-10647 Aug 24 j 02:40	0°♌	
	-10647 Sep 19 j 11:51	0°♍	
evening max el	-10647 Oct 04 j 17:53	16°♍06'46	46°31'09
	-10647 Oct 19 j 07:54	0°♎	
greatest brilliancy	-10647 Nov 12 j 18:29	16°♎34'11	-4.8m
asc. node	-10647 Nov 19 j 02:12	18°♎27'44	
retrograde	-10647 Nov 23 j 22:36	18°♎55'45	
evening set	-10647 Dec 09 j 14:43	14°♎01'01	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

inferior conj	-10647 Dec 15 j 06:03	10°♎29'30	5°29'00
minimum elong	-10647 Dec 14 j 21:29	10°♎43'22	5°27'09
min. Earth dist.	-10647 Dec 14 j 18:47	10°♎47'44	0.29163 AU
morning rise	-10647 Dec 20 j 04:38	7°♎22'47	
direct	-10646 Jan 05 j 18:41	2°♎02'31	
greatest brilliancy	-10646 Jan 14 j 20:44	3°♎32'20	-4.7m
	-10646 Feb 21 j 20:47	0°♏	
morning max el	-10646 Feb 23 j 11:37	1°♏31'13	45°59'33
desc. node	-10646 Mar 12 j 08:51	18°♏21'20	
	-10646 Mar 23 j 07:35	0°♐	
	-10646 Apr 18 j 23:32	0°♑	
	-10646 May 14 j 07:24	0°♒	
	-10646 Jun 07 j 20:01	0°♓	
asc. node	-10646 Jul 01 j 18:47	29°♓53'21	
	-10646 Jul 01 j 20:54	0°♈	
	-10646 Jul 25 j 15:40	0°♉	
	-10646 Aug 18 j 09:01	0°♊	
morning set	-10646 Aug 23 j 06:54	6°♊12'06	
	-10646 Sep 11 j 04:40	0°♋	
superior conj	-10646 Oct 04 j 17:23	29°♋24'37	0°39'23
minimum elong	-10646 Oct 05 j 03:08	29°♋54'57	0°39'32
	-10646 Oct 05 j 04:45	0°♌	
max. Earth dist.	-10646 Oct 11 j 08:43	7°♌39'49	1.72067 AU
desc. node	-10646 Oct 22 j 19:13	21°♌50'30	
	-10646 Oct 29 j 09:32	0°♍	
evening rise	-10646 Nov 15 j 18:08	21°♍23'59	
	-10646 Nov 22 j 17:57	0°♎	
	-10646 Dec 17 j 05:02	0°♏	
	-10645 Jan 10 j 19:27	0°♐	
	-10645 Feb 04 j 15:50	0°♑	
asc. node	-10645 Feb 11 j 07:29	7°♑57'14	
	-10645 Mar 01 j 22:20	0°♒	
	-10645 Mar 27 j 20:48	0°♓	
	-10645 Apr 23 j 23:38	0°♈	
evening max el	-10645 May 11 j 21:13	18°♈25'07	46°54'28
	-10645 May 24 j 06:23	0°♉	
desc. node	-10645 Jun 04 j 15:11	9°♉14'56	
greatest brilliancy	-10645 Jun 21 j 22:48	18°♉55'05	-4.9m
retrograde	-10645 Jul 01 j 07:40	20°♉34'13	
evening set	-10645 Jul 18 j 15:10	14°♉53'07	
min. Earth dist.	-10645 Jul 21 j 11:11	13°♉11'55	0.26525 AU
inferior conj	-10645 Jul 22 j 01:14	12°♉50'42	-8°38'12
minimum elong	-10645 Jul 21 j 20:31	12°♉57'49	8°37'31
morning rise	-10645 Jul 25 j 01:54	11°♉02'10	
direct	-10645 Aug 11 j 05:50	5°♉20'17	
greatest brilliancy	-10645 Aug 21 j 08:33	7°♉17'29	-4.9m
	-10645 Sep 21 j 23:47	0°♊	
asc. node	-10645 Sep 24 j 06:44	2°♊11'36	
morning max el	-10645 Sep 30 j 16:45	8°♊33'39	46°31'25
	-10645 Oct 20 j 19:03	0°♋	
	-10645 Nov 16 j 05:34	0°♌	
	-10645 Dec 11 j 23:32	0°♍	
	-10644 Jan 06 j 10:19	0°♎	
desc. node	-10644 Jan 15 j 09:29	10°♎38'37	
	-10644 Jan 31 j 14:41	0°♏	
	-10644 Feb 25 j 11:27	0°♐	
	-10644 Mar 21 j 00:13	0°♑	
morning set	-10644 Mar 29 j 07:07	10°♑13'06	
	-10644 Apr 14 j 05:59	0°♒	
max. Earth dist.	-10644 Apr 29 j 17:24	19°♒17'54	1.72001 AU
superior conj	-10644 May 03 j 18:58	24°♒22'59	-0°04'35
minimum elong	-10644 May 03 j 19:57	24°♒26'04	0°04'56
behind sun begin	-10644 May 02 j 22:19	23°♒18'22	
behind sun end	-10644 May 04 j 17:35	25°♒33'47	
asc. node	-10644 May 05 j 17:58	26°♒50'06	
	-10644 May 08 j 06:36	0°♓	
	-10644 Jun 01 j 04:07	0°♈	
evening rise	-10644 Jun 09 j 17:32	10°♈45'54	
	-10644 Jun 25 j 00:38	0°♉	
	-10644 Jul 18 j 22:23	0°♊	
	-10644 Aug 11 j 23:45	0°♋	
desc. node	-10644 Aug 26 j 20:51	18°♋24'48	
	-10644 Sep 05 j 06:51	0°♌	
	-10644 Sep 29 j 22:11	0°♍	
	-10644 Oct 25 j 02:53	0°♎	
	-10644 Nov 20 j 10:26	0°♏	
evening max el	-10644 Dec 14 j 08:33	24°♏55'45	45°02'35
asc. node	-10644 Dec 16 j 12:26	27°♏00'10	
	-10644 Dec 19 j 17:15	0°♐	
greatest brilliancy	-10643 Jan 20 j 17:31	22°♐19'32	-4.7m
retrograde	-10643 Jan 31 j 12:38	24°♐24'02	
evening set	-10643 Feb 17 j 23:20	18°♐41'40	
inferior conj	-10643 Feb 21 j 22:13	16°♐16'24	7°45'46
minimum elong	-10643 Feb 22 j 03:05	16°♐08'50	7°44'51
min. Earth dist.	-10643 Feb 22 j 21:35	15°♐39'59	0.29317 AU
morning rise	-10643 Feb 26 j 06:34	13°♐36'25	
direct	-10643 Mar 15 j 22:59	7°♐48'19	
greatest brilliancy	-10643 Mar 26 j 19:48	9°♐55'00	-4.7m
desc. node	-10643 Apr 08 j 20:08	16°♐50'16	
	-10643 Apr 25 j 09:45	0°♑	
morning max el	-10643 May 04 j 15:09	8°♑39'42	46°20'52
	-10643 May 25 j 02:54	0°♒	
	-10643 Jun 20 j 09:38	0°♓	
	-10643 Jul 15 j 07:26	0°♈	
asc. node	-10643 Jul 29 j 08:18	17°♈18'18	
	-10643 Aug 08 j 13:21	0°♉	
	-10643 Sep 01 j 12:57	0°♊	
	-10643 Sep 25 j 12:35	0°♋	
	-10643 Oct 19 j 15:50	0°♌	
morning set	-10643 Nov 08 j 17:05	24°♌45'05	
	-10643 Nov 12 j 23:28	0°♍	
desc. node	-10643 Nov 19 j 08:28	7°♍50'09	
	-10643 Dec 07 j 10:00	0°♎	
superior conj	-10643 Dec 18 j 18:11	13°♎54'12	-0°59'06
minimum elong	-10643 Dec 18 j 09:06	13°♎26'20	0°58'54
max. Earth dist.	-10643 Dec 18 j 20:56	14°♎02'35	1.73642 AU
	-10643 Dec 31 j 21:15	0°♏	
evening rise	-10642 Jan 24 j 13:09	29°♏02'00	
	-10642 Jan 25 j 08:02	0°♐	
greatest brilliancy	-10642 Feb 04 j 12:05	12°♐28'51	-3.9m
	-10642 Feb 18 j 18:46	0°♑	
asc. node	-10642 Mar 10 j 19:00	24°♑30'19	
	-10642 Mar 15 j 06:54	0°♒	
	-10642 Apr 08 j 22:05	0°♓	
	-10642 May 03 j 17:58	0°♈	
	-10642 May 28 j 21:37	0°♉	
	-10642 Jun 23 j 17:04	0°♊	
desc. node	-10642 Jul 02 j 01:19	9°♊24'18	
	-10642 Jul 21 j 03:26	0°♋	
evening max el	-10642 Jul 23 j 19:38	2°♋44'40	47°51'14
	-10642 Aug 24 j 11:23	0°♌	
greatest brilliancy	-10642 Sep 03 j 04:05	4°♌52'35	-4.9m
retrograde	-10642 Sep 13 j 01:15	6°♌45'45	
evening set	-10642 Sep 28 j 14:57	1°♌48'15	
	-10642 Oct 01 j 13:47	30°℞♋	
inferior conj	-10642 Oct 03 j 20:30	28°♋32'57	-4°11'33
minimum elong	-10642 Oct 04 j 04:27	28°♋20'16	4°08'50
min. Earth dist.	-10642 Oct 03 j 07:16	28°♋54'06	0.27391 AU
morning rise	-10642 Oct 09 j 18:47	24°♋56'28	
asc. node	-10642 Oct 21 j 17:45	20°♋46'25	
direct	-10642 Oct 24 j 08:43	20°♋37'51	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

greatest brilliancy	-10642 Nov 02 j 14:33	22°♋16'12	-4.8m	
	-10642 Nov 17 j 03:00	0°♌		
morning max el	-10642 Dec 12 j 14:34	21°♌43'31	46°05'14	
	-10642 Dec 20 j 22:51	0°♍		
	-10641 Jan 18 j 03:36	0°♎		
desc. node	-10641 Feb 11 j 22:43	27°♎55'17		
	-10641 Feb 13 j 18:10	0°♏		
	-10641 Mar 11 j 10:57	0°♐		
	-10641 Apr 05 j 11:22	0°♑		
	-10641 Apr 29 j 22:57	0°♒		
	-10641 May 24 j 01:05	0°♓		
asc. node	-10641 Jun 03 j 07:20	12°♓53'08		
morning set	-10641 Jun 06 j 09:36	16°♓46'56		
	-10641 Jun 16 j 21:07	0°♈		
	-10641 Jul 10 j 14:20	0°♉		
superior conj	-10641 Jul 15 j 10:45	6°♉08'18	1°17'03	
minimum elong	-10641 Jul 15 j 03:11	5°♉44'22	1°17'14	
max. Earth dist.	-10641 Jul 17 j 05:02	8°♉22'02	1.70706 AU	
	-10641 Aug 03 j 07:52	0°♊		
evening rise	-10641 Aug 26 j 08:23	28°♊57'34		
	-10641 Aug 27 j 04:19	0°♋		
	-10641 Sep 20 j 05:16	0°♌		
desc. node	-10641 Sep 24 j 08:41	5°♌08'31		
	-10641 Oct 14 j 11:20	0°♍		
	-10641 Nov 07 j 22:58	0°♎		
	-10641 Dec 02 j 18:08	0°♏		
	-10641 Dec 28 j 02:30	0°♐		
asc. node	-10640 Jan 13 j 22:52	19°♐20'21		
	-10640 Jan 23 j 12:17	0°♑		
	-10640 Feb 21 j 06:04	0°♒		
evening max el	-10640 Feb 24 j 23:10	3°♒33'15	45°10'41	
	-10640 Apr 01 j 02:17	0°♓		
greatest brilliancy	-10640 Apr 03 j 12:36	0°♓54'05	-4.7m	
retrograde	-10640 Apr 13 j 09:36	2°♓37'42		
	-10640 Apr 25 j 04:53	30°♑℞		
evening set	-10640 Apr 28 j 01:23	28°♒38'55		
inferior conj	-10640 May 04 j 10:37	25°♒02'28	0°26'37	
minimum elong	-10640 May 04 j 11:36	25°♒01'00	0°25'56	
min. Earth dist.	-10640 May 05 j 06:08	24°♒33'26	0.27264 AU	
desc. node	-10640 May 06 j 07:05	23°♒56'27		
morning rise	-10640 May 10 j 20:39	21°♒22'05		
direct	-10640 May 25 j 14:04	17°♒14'10		
greatest brilliancy	-10640 Jun 06 j 05:22	19°♒41'01	-4.9m	
	-10640 Jun 23 j 04:32	0°♓		
morning max el	-10640 Jul 15 j 00:58	19°♓52'03	46°42'25	
	-10640 Jul 24 j 17:23	0°♈		
	-10640 Aug 20 j 06:31	0°♉		
asc. node	-10640 Aug 25 j 21:07	6°♉36'32		
	-10640 Sep 14 j 09:23	0°♊		
	-10640 Oct 09 j 00:51	0°♋		
	-10640 Nov 02 j 14:47	0°♌		
	-10640 Nov 27 j 06:41	0°♍		
desc. node	-10640 Dec 16 j 22:09	23°♍50'21		
	-10640 Dec 21 j 23:58	0°♎		
	-10639 Jan 15 j 16:09	0°♏		
morning set	-10639 Jan 19 j 09:38	4°♏32'49		
	-10639 Feb 09 j 05:03	0°♐		
max. Earth dist.	-10639 Feb 20 j 10:58	13°♐49'12	1.73558 AU	
superior conj	-10639 Feb 24 j 07:13	18°♐33'06	-1°15'18	
minimum elong	-10639 Feb 24 j 12:29	18°♐49'18	1°15'47	
	-10639 Mar 05 j 14:05	0°♑		
	-10639 Mar 29 j 20:05	0°♒		
evening rise	-10639 Mar 31 j 09:44	1°♒56'36		
asc. node	-10639 Apr 07 j 07:11	10°♒29'25		
	-10639 Apr 23 j 00:29	0°♓		
	-10639 May 17 j 04:38	0°♈		
	-10639 Jun 10 j 10:01	0°♉		
	-10639 Jul 04 j 18:55	0°♊		
desc. node	-10639 Jul 29 j 11:56	0°♋02'25		
	-10639 Jul 29 j 11:08	0°♋		
	-10639 Aug 23 j 17:25	0°♌		
	-10639 Sep 19 j 05:42	0°♍		
evening max el	-10639 Oct 02 j 09:13	13°♍49'53	46°35'00	
	-10639 Oct 19 j 13:50	0°♎		
greatest brilliancy	-10639 Nov 10 j 12:23	14°♎25'01	-4.8m	
asc. node	-10639 Nov 18 j 04:27	16°♎32'16		
retrograde	-10639 Nov 21 j 16:29	16°♎47'05		
evening set	-10639 Dec 07 j 06:19	11°♎54'35		
inferior conj	-10639 Dec 12 j 23:32	8°♎20'33	5°15'18	
minimum elong	-10639 Dec 12 j 15:04	8°♎34'14	5°13'26	
min. Earth dist.	-10639 Dec 12 j 11:37	8°♎39'49	0.29116 AU	
morning rise	-10639 Dec 18 j 00:12	5°♎10'54		
	-10638 Jan 01 j 05:14	30°♏℞		
direct	-10638 Jan 03 j 10:59	29°♍54'03		
	-10638 Jan 05 j 17:31	0°♎		
greatest brilliancy	-10638 Jan 12 j 13:08	1°♎24'08	-4.7m	
morning max el	-10638 Feb 21 j 04:31	29°♎24'05	45°59'14	
	-10638 Feb 21 j 19:41	0°♏		
desc. node	-10638 Mar 11 j 10:54	17°♏40'19		
	-10638 Mar 22 j 23:35	0°♐		
	-10638 Apr 18 j 13:10	0°♑		
	-10638 May 13 j 19:57	0°♒		
	-10638 Jun 07 j 08:02	0°♓		
asc. node	-10638 Jun 30 j 21:02	29°♓23'29		
	-10638 Jul 01 j 08:39	0°♈		
	-10638 Jul 25 j 03:17	0°♉		
	-10638 Aug 17 j 20:33	0°♊		
morning set	-10638 Aug 20 j 16:25	3°♊34'18		
	-10638 Sep 10 j 16:07	0°♋		
superior conj	-10638 Oct 02 j 02:21	26°♋47'42	0°42'47	
minimum elong	-10638 Oct 02 j 12:44	27°♋20'01	0°42'55	
	-10638 Oct 04 j 16:08	0°♌		
max. Earth dist.	-10638 Oct 08 j 18:41	5°♌06'26	1.71993 AU	
desc. node	-10638 Oct 21 j 21:20	21°♌22'02		
	-10638 Oct 28 j 20:51	0°♍		
evening rise	-10638 Nov 13 j 07:14	19°♍01'54		
	-10638 Nov 22 j 05:15	0°♎		
	-10638 Dec 16 j 16:25	0°♏		
	-10637 Jan 10 j 07:06	0°♐		
	-10637 Feb 04 j 04:03	0°♑		
asc. node	-10637 Feb 10 j 09:43	7°♑26'50		
	-10637 Mar 01 j 11:37	0°♒		
	-10637 Mar 27 j 12:00	0°♓		
	-10637 Apr 23 j 18:54	0°♈		
evening max el	-10637 May 09 j 10:52	16°♈01'05	46°50'44	
	-10637 May 24 j 15:31	0°♉		
desc. node	-10637 Jun 03 j 17:28	7°♉53'39		
greatest brilliancy	-10637 Jun 19 j 09:14	16°♉21'51	-4.9m	
retrograde	-10637 Jun 28 j 20:07	18°♉02'09		
evening set	-10637 Jul 15 j 23:20	12°♉26'42		
min. Earth dist.	-10637 Jul 18 j 22:44	10°♉40'46	0.26515 AU	
inferior conj	-10637 Jul 19 j 12:59	10°♉19'18	-8°31'57	
minimum elong	-10637 Jul 19 j 07:26	10°♉27'39	8°31'08	
morning rise	-10637 Jul 22 j 15:36	8°♉28'16		
direct	-10637 Aug 08 j 18:29	2°♉49'16		
greatest brilliancy	-10637 Aug 18 j 21:03	4°♉46'43	-4.9m	
	-10637 Sep 22 j 02:47	0°♊		
asc. node	-10637 Sep 23 j 08:53	1°♊13'28		
morning max el	-10637 Sep 28 j 06:51	6°♊08'13	46°32'23	
	-10637 Oct 20 j 12:52	0°♋		
	-10637 Nov 15 j 20:18	0°♌		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10637 Dec 11 j 12:44	0°♍	
	-10636 Jan 05 j 22:35	0°♎	
desc. node	-10636 Jan 14 j 11:42	10°♎09'23	
	-10636 Jan 31 j 02:23	0°♏	
	-10636 Feb 24 j 22:48	0°♐	
	-10636 Mar 20 j 11:23	0°♑	
morning set	-10636 Mar 27 j 02:42	8°♑11'00	
	-10636 Apr 13 j 17:07	0°♒	
max. Earth dist.	-10636 Apr 27 j 08:25	17°♒00'01	1.72063 AU
superior conj	-10636 May 01 j 12:56	22°♒14'08	-0°07'42
minimum elong	-10636 May 01 j 14:32	22°♒19'07	0°08'02
behind sun begin	-10636 Apr 30 j 18:53	21°♒17'40	
behind sun end	-10636 May 02 j 10:11	23°♒20'35	
asc. node	-10636 May 04 j 20:10	26°♒21'58	
	-10636 May 07 j 17:48	0°♓	
	-10636 May 31 j 15:27	0°♈	
evening rise	-10636 Jun 07 j 08:36	8°♈26'34	
	-10636 Jun 24 j 12:08	0°♉	
	-10636 Jul 18 j 10:08	0°♊	
	-10636 Aug 11 j 11:46	0°♋	
desc. node	-10636 Aug 25 j 22:55	17°♋53'34	
	-10636 Sep 04 j 19:13	0°♌	
	-10636 Sep 29 j 11:06	0°♍	
	-10636 Oct 24 j 16:50	0°♎	
	-10636 Nov 20 j 02:52	0°♏	
evening max el	-10636 Dec 12 j 00:53	22°♏45'39	45°04'21
asc. node	-10636 Dec 15 j 14:50	26°♏10'52	
	-10636 Dec 19 j 18:23	0°♐	
greatest brilliancy	-10635 Jan 18 j 09:45	20°♐12'43	-4.7m
retrograde	-10635 Jan 29 j 05:00	22°♐17'29	
evening set	-10635 Feb 15 j 17:17	16°♐33'07	
inferior conj	-10635 Feb 19 j 15:08	14°♐08'57	7°50'33
minimum elong	-10635 Feb 19 j 19:23	14°♐02'17	7°49'43
min. Earth dist.	-10635 Feb 20 j 13:20	13°♐34'12	0.29360 AU
morning rise	-10635 Feb 23 j 21:15	11°♐31'43	
direct	-10635 Mar 13 j 16:17	5°♐40'15	
greatest brilliancy	-10635 Mar 24 j 10:37	7°♐44'24	-4.7m
desc. node	-10635 Apr 07 j 22:22	15°♐38'13	
	-10635 Apr 25 j 12:00	0°♑	
morning max el	-10635 May 02 j 06:51	6°♑26'08	46°19'45
	-10635 May 24 j 20:00	0°♒	
	-10635 Jun 19 j 23:59	0°♓	
	-10635 Jul 14 j 20:32	0°♈	
asc. node	-10635 Jul 28 j 10:28	16°♈45'42	
	-10635 Aug 08 j 01:47	0°♉	
	-10635 Sep 01 j 01:00	0°♊	
	-10635 Sep 25 j 00:22	0°♋	
	-10635 Oct 19 j 03:26	0°♌	
morning set	-10635 Nov 06 j 05:03	22°♌19'00	
	-10635 Nov 12 j 10:52	0°♍	
desc. node	-10635 Nov 18 j 10:40	7°♍22'02	
	-10635 Dec 06 j 21:13	0°♎	
superior conj	-10635 Dec 16 j 09:54	11°♎40'59	-0°56'51
minimum elong	-10635 Dec 16 j 00:44	11°♎12'53	0°56'37
max. Earth dist.	-10635 Dec 16 j 18:56	12°♎08'40	1.73607 AU
	-10635 Dec 31 j 08:22	0°♏	
evening rise	-10634 Jan 22 j 08:08	26°♏58'53	
	-10634 Jan 24 j 19:09	0°♐	
greatest brilliancy	-10634 Feb 03 j 14:35	12°♐02'20	-3.9m
	-10634 Feb 18 j 06:02	0°♑	
asc. node	-10634 Mar 09 j 21:09	24°♑01'43	
	-10634 Mar 14 j 18:31	0°♒	
	-10634 Apr 08 j 10:16	0°♓	
	-10634 May 03 j 07:00	0°♈	
	-10634 May 28 j 11:59	0°♉	
	-10634 Jun 23 j 09:46	0°♊	
desc. node	-10634 Jul 01 j 03:38	8°♊41'12	
	-10634 Jul 21 j 01:52	0°♋	
evening max el	-10634 Jul 21 j 10:37	0°♋22'18	47°51'36
	-10634 Aug 26 j 05:50	0°♌	
greatest brilliancy	-10634 Aug 31 j 20:45	2°♌30'44	-4.9m
retrograde	-10634 Sep 10 j 15:42	4°♌21'46	
	-10634 Sep 25 j 05:24	30°℞♋	
evening set	-10634 Sep 26 j 08:11	29°♋21'31	
inferior conj	-10634 Oct 01 j 11:08	26°♋10'10	-4°30'55
minimum elong	-10634 Oct 01 j 19:32	25°♋56'46	4°28'07
min. Earth dist.	-10634 Sep 30 j 22:23	26°♋30'33	0.27342 AU
morning rise	-10634 Oct 07 j 07:37	22°♋36'03	
asc. node	-10634 Oct 20 j 20:04	18°♋17'47	
direct	-10634 Oct 21 j 22:27	18°♋16'18	
greatest brilliancy	-10634 Oct 31 j 05:26	19°♋55'18	-4.8m
	-10634 Nov 17 j 23:22	0°♌	
morning max el	-10634 Dec 10 j 04:34	19°♌24'46	46°05'57
	-10634 Dec 20 j 18:56	0°♍	
	-10633 Jan 17 j 18:53	0°♎	
desc. node	-10633 Feb 11 j 00:42	27°♎22'35	
	-10633 Feb 13 j 07:26	0°♏	
	-10633 Mar 10 j 23:10	0°♐	
	-10633 Apr 04 j 23:01	0°♑	
	-10633 Apr 29 j 10:18	0°♒	
	-10633 May 23 j 12:20	0°♓	
asc. node	-10633 Jun 02 j 09:37	12°♓24'56	
morning set	-10633 Jun 04 j 00:57	14°♓28'41	
	-10633 Jun 16 j 08:22	0°♈	
	-10633 Jul 10 j 01:39	0°♉	
superior conj	-10633 Jul 12 j 22:21	3°♉37'21	1°15'34
minimum elong	-10633 Jul 12 j 14:12	3°♉11'33	1°15'40
max. Earth dist.	-10633 Jul 14 j 04:55	5°♉14'02	1.70717 AU
	-10633 Aug 02 j 19:16	0°♊	
evening rise	-10633 Aug 23 j 15:33	26°♊13'41	
	-10633 Aug 26 j 15:46	0°♋	
	-10633 Sep 19 j 16:48	0°♌	
desc. node	-10633 Sep 23 j 10:51	4°♌39'27	
	-10633 Oct 13 j 23:00	0°♍	
	-10633 Nov 07 j 10:52	0°♎	
	-10633 Dec 02 j 06:33	0°♏	
	-10633 Dec 27 j 15:57	0°♐	
asc. node	-10632 Jan 13 j 01:07	18°♐45'18	
	-10632 Jan 23 j 04:05	0°♑	
	-10632 Feb 21 j 04:39	0°♒	
evening max el	-10632 Feb 22 j 12:34	1°♒15'41	45°08'41
greatest brilliancy	-10632 Apr 01 j 01:02	28°♒34'44	-4.7m
	-10632 Apr 06 j 19:03	0°♓	
retrograde	-10632 Apr 10 j 22:40	0°♓19'09	
	-10632 Apr 15 j 00:35	30°℞♒	
evening set	-10632 Apr 25 j 15:43	26°♒18'05	
inferior conj	-10632 May 01 j 23:59	22°♒43'00	0°48'31
minimum elong	-10632 May 02 j 01:48	22°♒40'18	0°47'34
min. Earth dist.	-10632 May 02 j 20:56	22°♒11'51	0.27334 AU
desc. node	-10632 May 05 j 09:19	20°♒43'10	
morning rise	-10632 May 08 j 10:40	19°♒01'45	
direct	-10632 May 23 j 04:09	14°♒52'58	
greatest brilliancy	-10632 Jun 03 j 21:07	17°♒21'28	-4.9m
	-10632 Jun 23 j 18:12	0°♓	
morning max el	-10632 Jul 12 j 15:15	17°♓28'39	46°42'04
	-10632 Jul 24 j 12:56	0°♈	
	-10632 Aug 19 j 22:00	0°♉	
asc. node	-10632 Aug 24 j 23:15	5°♉58'24	
	-10632 Sep 13 j 23:07	0°♊	
	-10632 Oct 08 j 13:37	0°♋	
	-10632 Nov 02 j 02:54	0°♌	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10632 Nov 26 j 18:22	0°♍	
desc. node	-10632 Dec 16 j 00:19	23°♍22'17	
	-10632 Dec 21 j 11:19	0°♎	
	-10631 Jan 15 j 03:15	0°♏	
morning set	-10631 Jan 17 j 02:55	2°♏25'18	
	-10631 Feb 08 j 16:01	0°♐	
max. Earth dist.	-10631 Feb 18 j 09:05	11°♐55'56	1.73589 AU
superior conj	-10631 Feb 22 j 02:56	16°♐32'24	-1°16'19
minimum elong	-10631 Feb 22 j 07:47	16°♐47'18	1°16'48
	-10631 Mar 05 j 01:00	0°♑	
evening rise	-10631 Mar 29 j 05:29	29°♑55'02	
	-10631 Mar 29 j 07:06	0°♒	
asc. node	-10631 Apr 06 j 09:30	10°♒02'16	
	-10631 Apr 22 j 11:42	0°♓	
	-10631 May 16 j 16:10	0°♈	
	-10631 Jun 09 j 21:59	0°♉	
	-10631 Jul 04 j 07:28	0°♊	
desc. node	-10631 Jul 28 j 13:59	29°♊28'19	
	-10631 Jul 29 j 00:32	0°♋	
	-10631 Aug 23 j 08:19	0°♌	
	-10631 Sep 19 j 00:01	0°♍	
evening max el	-10631 Sep 30 j 01:24	11°♍34'57	46°38'49
	-10631 Oct 19 j 22:17	0°♎	
greatest brilliancy	-10631 Nov 08 j 05:42	12°♎14'32	-4.8m
asc. node	-10631 Nov 17 j 06:48	14°♎31'42	
retrograde	-10631 Nov 19 j 10:27	14°♎37'22	
evening set	-10631 Dec 04 j 21:43	9°♎47'07	
min. Earth dist.	-10631 Dec 10 j 03:52	6°♎31'17	0.29066 AU
inferior conj	-10631 Dec 10 j 16:41	6°♎10'35	5°00'56
minimum elong	-10631 Dec 10 j 08:21	6°♎24'01	4°59'04
morning rise	-10631 Dec 15 j 19:28	2°♎58'07	
	-10631 Dec 21 j 14:04	30°℞♍	
direct	-10630 Jan 01 j 03:25	27°♍44'46	
greatest brilliancy	-10630 Jan 10 j 04:43	29°♍14'40	-4.7m
	-10630 Jan 12 j 08:39	0°♎	
morning max el	-10630 Feb 18 j 21:46	27°♎18'04	45°58'58
	-10630 Feb 21 j 17:37	0°♏	
desc. node	-10630 Mar 10 j 13:08	17°♏00'36	
	-10630 Mar 22 j 15:11	0°♐	
	-10630 Apr 18 j 02:32	0°♑	
	-10630 May 13 j 08:15	0°♒	
	-10630 Jun 06 j 19:47	0°♓	
asc. node	-10630 Jun 29 j 23:13	28°♓54'18	
	-10630 Jun 30 j 20:07	0°♈	
	-10630 Jul 24 j 14:36	0°♉	
	-10630 Aug 17 j 07:48	0°♊	
morning set	-10630 Aug 18 j 02:08	0°♊57'56	
	-10630 Sep 10 j 03:20	0°♋	
superior conj	-10630 Sep 29 j 10:54	24°♋09'48	0°46'08
minimum elong	-10630 Sep 29 j 21:48	24°♋43'47	0°46'16
	-10630 Oct 04 j 03:20	0°♌	
max. Earth dist.	-10630 Oct 06 j 04:50	2°♌34'00	1.71928 AU
desc. node	-10630 Oct 20 j 23:35	20°♌54'21	
	-10630 Oct 28 j 08:02	0°♍	
evening rise	-10630 Nov 10 j 19:35	16°♍37'51	
	-10630 Nov 21 j 16:24	0°♎	
	-10630 Dec 16 j 03:39	0°♏	
	-10629 Jan 09 j 18:36	0°♐	
	-10629 Feb 03 j 16:09	0°♑	
asc. node	-10629 Feb 09 j 11:52	6°♑56'40	
	-10629 Mar 01 j 00:48	0°♒	
	-10629 Mar 27 j 03:11	0°♓	
	-10629 Apr 23 j 14:23	0°♈	
evening max el	-10629 May 07 j 01:15	13°♈39'52	46°47'05
	-10629 May 25 j 03:04	0°♉	
desc. node	-10629 Jun 02 j 19:45	6°♉30'49	
greatest brilliancy	-10629 Jun 16 j 19:52	13°♉50'30	-4.9m
retrograde	-10629 Jun 26 j 08:28	15°♉31'34	
evening set	-10629 Jul 13 j 07:26	10°♉02'28	
min. Earth dist.	-10629 Jul 16 j 10:28	8°♉11'20	0.26502 AU
inferior conj	-10629 Jul 17 j 00:52	7°♉49'40	-8°24'38
minimum elong	-10629 Jul 16 j 18:32	7°♉59'12	8°23'42
morning rise	-10629 Jul 20 j 05:44	5°♉55'33	
direct	-10629 Aug 06 j 07:21	0°♉20'18	
greatest brilliancy	-10629 Aug 16 j 09:30	2°♉17'28	-4.9m
asc. node	-10629 Sep 22 j 11:15	0°♊18'25	
	-10629 Sep 22 j 03:50	0°♊	
morning max el	-10629 Sep 25 j 20:09	3°♊41'55	46°33'01
	-10629 Oct 20 j 05:58	0°♋	
	-10629 Nov 15 j 10:38	0°♌	
	-10629 Dec 11 j 01:39	0°♍	
	-10628 Jan 05 j 10:37	0°♎	
desc. node	-10628 Jan 13 j 13:44	9°♎40'15	
	-10628 Jan 30 j 13:50	0°♏	
	-10628 Feb 24 j 09:54	0°♐	
	-10628 Mar 19 j 22:18	0°♑	
morning set	-10628 Mar 24 j 21:59	6°♑08'45	
	-10628 Apr 13 j 04:00	0°♒	
max. Earth dist.	-10628 Apr 24 j 22:35	14°♒40'23	1.72126 AU
superior conj	-10628 Apr 29 j 06:53	20°♒06'04	-0°10'48
minimum elong	-10628 Apr 29 j 09:04	20°♒12'54	0°11'07
behind sun begin	-10628 Apr 28 j 16:47	19°♒22'01	
behind sun end	-10628 Apr 30 j 01:21	21°♒03'49	
asc. node	-10628 May 03 j 22:24	25°♒54'44	
	-10628 May 07 j 04:45	0°♓	
	-10628 May 31 j 02:31	0°♈	
evening rise	-10628 Jun 04 j 23:54	6°♈08'47	
	-10628 Jun 23 j 23:22	0°♉	
	-10628 Jul 17 j 21:34	0°♊	
	-10628 Aug 10 j 23:27	0°♋	
desc. node	-10628 Aug 25 j 01:11	17°♋24'05	
	-10628 Sep 04 j 07:14	0°♌	
	-10628 Sep 28 j 23:41	0°♍	
	-10628 Oct 24 j 06:33	0°♎	
	-10628 Nov 19 j 19:19	0°♏	
evening max el	-10628 Dec 09 j 16:20	20°♏33'42	45°06'03
asc. node	-10628 Dec 14 j 17:04	25°♏20'42	
	-10628 Dec 19 j 20:44	0°♐	
greatest brilliancy	-10627 Jan 16 j 02:10	18°♐06'06	-4.7m
retrograde	-10627 Jan 26 j 21:00	20°♐11'04	
evening set	-10627 Feb 13 j 10:51	14°♐24'56	
inferior conj	-10627 Feb 17 j 07:53	12°♐01'38	7°54'35
minimum elong	-10627 Feb 17 j 11:31	11°♐55'56	7°53'50
min. Earth dist.	-10627 Feb 18 j 05:13	11°♐28'10	0.29401 AU
morning rise	-10627 Feb 21 j 11:57	9°♐26'59	
direct	-10627 Mar 11 j 08:58	3°♐32'17	
greatest brilliancy	-10627 Mar 22 j 01:53	5°♐34'39	-4.7m
desc. node	-10627 Apr 07 j 00:40	14°♐28'39	
	-10627 Apr 25 j 12:43	0°♑	
morning max el	-10627 Apr 29 j 21:35	4°♑10'54	46°18'44
	-10627 May 24 j 12:32	0°♒	
	-10627 Jun 19 j 13:55	0°♓	
	-10627 Jul 14 j 09:16	0°♈	
asc. node	-10627 Jul 27 j 12:32	16°♈13'46	
	-10627 Aug 07 j 13:52	0°♉	
	-10627 Aug 31 j 12:41	0°♊	
	-10627 Sep 24 j 11:48	0°♋	
	-10627 Oct 18 j 14:37	0°♌	
morning set	-10627 Nov 03 j 17:09	19°♌54'19	
	-10627 Nov 11 j 21:53	0°♍	
desc. node	-10627 Nov 17 j 12:47	6°♍54'45	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10627 Dec 06 j 08:06	0°♎	
superior conj	-10627 Dec 14 j 01:28	9°♎28'16	-0°54'30
minimum elong	-10627 Dec 13 j 16:18	9°♎00'10	0°54'13
max. Earth dist.	-10627 Dec 14 j 15:38	10°♎11'42	1.73578 AU
	-10627 Dec 30 j 19:12	0°♏	
evening rise	-10626 Jan 20 j 02:48	24°♏55'30	
	-10626 Jan 24 j 06:02	0°♐	
greatest brilliancy	-10626 Feb 02 j 18:30	11°♐40'52	-3.9m
	-10626 Feb 17 j 17:05	0°♑	
asc. node	-10626 Mar 08 j 23:27	23°♑34'12	
	-10626 Mar 14 j 05:55	0°♒	
	-10626 Apr 07 j 22:16	0°♓	
	-10626 May 02 j 19:53	0°♈	
	-10626 May 28 j 02:15	0°♉	
	-10626 Jun 23 j 02:31	0°♊	
desc. node	-10626 Jun 30 j 05:45	7°♊57'42	
evening max el	-10626 Jul 19 j 00:45	27°♊58'23	47°51'54
	-10626 Jul 21 j 00:53	0°♋	
	-10626 Aug 29 j 02:57	0°♌	
greatest brilliancy	-10626 Aug 29 j 13:35	0°♌09'47	-4.9m
retrograde	-10626 Sep 08 j 05:57	1°♌58'46	
	-10626 Sep 17 j 22:55	30°℞♋	
evening set	-10626 Sep 24 j 01:29	26°♋55'23	
min. Earth dist.	-10626 Sep 28 j 13:39	24°♋07'42	0.27291 AU
inferior conj	-10626 Sep 29 j 01:47	23°♋48'21	-4°49'47
minimum elong	-10626 Sep 29 j 10:34	23°♋34'20	4°46'56
morning rise	-10626 Oct 04 j 20:16	20°♋17'00	
direct	-10626 Oct 19 j 11:52	15°♋55'31	
asc. node	-10626 Oct 19 j 22:20	15°♋55'45	
greatest brilliancy	-10626 Oct 28 j 20:39	17°♋35'50	-4.8m
	-10626 Nov 18 j 14:00	0°♌	
morning max el	-10626 Dec 07 j 18:37	17°♌07'02	46°06'43
	-10626 Dec 20 j 14:01	0°♍	
	-10625 Jan 17 j 09:39	0°♎	
desc. node	-10625 Feb 10 j 02:55	26°♎51'21	
	-10625 Feb 12 j 20:22	0°♏	
	-10625 Mar 10 j 11:10	0°♐	
	-10625 Apr 04 j 10:29	0°♑	
	-10625 Apr 28 j 21:29	0°♒	
	-10625 May 22 j 23:23	0°♓	
asc. node	-10625 Jun 01 j 11:43	11°♓56'44	
morning set	-10625 Jun 01 j 16:16	12°♓11'03	
	-10625 Jun 15 j 19:25	0°♈	
	-10625 Jul 09 j 12:47	0°♉	
superior conj	-10625 Jul 10 j 09:57	1°♉06'58	1°13'55
minimum elong	-10625 Jul 10 j 01:17	0°♉39'32	1°13'59
max. Earth dist.	-10625 Jul 11 j 08:28	2°♉18'11	1.70731 AU
	-10625 Aug 02 j 06:29	0°♊	
evening rise	-10625 Aug 20 j 22:55	23°♊30'54	
	-10625 Aug 26 j 03:03	0°♋	
	-10625 Sep 19 j 04:09	0°♌	
desc. node	-10625 Sep 22 j 13:07	4°♌11'13	
	-10625 Oct 13 j 10:27	0°♍	
	-10625 Nov 06 j 22:33	0°♎	
	-10625 Dec 01 j 18:44	0°♏	
	-10625 Dec 27 j 05:14	0°♐	
asc. node	-10624 Jan 12 j 03:17	18°♐10'29	
	-10624 Jan 22 j 19:54	0°♑	
evening max el	-10624 Feb 20 j 02:35	29°♑00'12	45°06'36
	-10624 Feb 21 j 04:03	0°♒	
greatest brilliancy	-10624 Mar 29 j 12:58	26°♒15'07	-4.7m
retrograde	-10624 Apr 08 j 12:04	28°♒00'36	
evening set	-10624 Apr 23 j 06:09	23°♒57'08	
inferior conj	-10624 Apr 29 j 13:13	20°♒23'24	1°10'19
minimum elong	-10624 Apr 29 j 15:50	20°♒19'30	1°09'07
min. Earth dist.	-10624 Apr 30 j 11:17	19°♒50'38	0.27406 AU
desc. node	-10624 May 04 j 11:31	17°♒31'24	
morning rise	-10624 May 06 j 00:24	16°♒41'40	
direct	-10624 May 20 j 18:42	12°♒31'45	
greatest brilliancy	-10624 Jun 01 j 12:13	15°♒01'16	-4.9m
	-10624 Jun 24 j 04:26	0°♓	
morning max el	-10624 Jul 10 j 06:04	15°♓06'58	46°41'45
	-10624 Jul 24 j 07:55	0°♈	
	-10624 Aug 19 j 13:10	0°♉	
asc. node	-10624 Aug 24 j 01:35	5°♉21'29	
	-10624 Sep 13 j 12:37	0°♊	
	-10624 Oct 08 j 02:11	0°♋	
	-10624 Nov 01 j 14:53	0°♌	
	-10624 Nov 26 j 05:53	0°♍	
desc. node	-10624 Dec 15 j 02:21	22°♍54'16	
	-10624 Dec 20 j 22:30	0°♎	
morning set	-10623 Jan 14 j 20:25	0°♏18'58	
	-10623 Jan 14 j 14:12	0°♏	
	-10623 Feb 08 j 02:49	0°♐	
max. Earth dist.	-10623 Feb 16 j 08:50	10°♐08'10	1.73620 AU
superior conj	-10623 Feb 19 j 22:48	14°♐32'34	-1°17'12
minimum elong	-10623 Feb 20 j 03:12	14°♐46'07	1°17'43
	-10623 Mar 04 j 11:49	0°♑	
evening rise	-10623 Mar 27 j 01:20	27°♑53'57	
	-10623 Mar 28 j 18:03	0°♒	
asc. node	-10623 Apr 05 j 11:42	9°♒34'54	
	-10623 Apr 21 j 22:56	0°♓	
	-10623 May 16 j 03:46	0°♈	
	-10623 Jun 09 j 10:01	0°♉	
	-10623 Jul 03 j 20:05	0°♊	
desc. node	-10623 Jul 27 j 16:17	28°♊54'46	
	-10623 Jul 28 j 14:01	0°♋	
	-10623 Aug 22 j 23:22	0°♌	
	-10623 Sep 18 j 18:44	0°♍	
evening max el	-10623 Sep 27 j 18:18	9°♍21'51	46°42'37
	-10623 Oct 20 j 09:40	0°♎	
greatest brilliancy	-10623 Nov 05 j 23:22	10°♎04'35	-4.8m
asc. node	-10623 Nov 16 j 09:01	12°♎26'52	
retrograde	-10623 Nov 17 j 04:37	12°♎27'41	
evening set	-10623 Dec 02 j 13:24	7°♎39'51	
inferior conj	-10623 Dec 08 j 09:54	4°♎00'50	4°46'12
minimum elong	-10623 Dec 08 j 01:46	4°♎13'58	4°44'20
min. Earth dist.	-10623 Dec 07 j 20:05	4°♎23'09	0.29008 AU
morning rise	-10623 Dec 13 j 14:44	0°♎45'34	
	-10623 Dec 14 j 22:33	30°℞♍	
direct	-10623 Dec 29 j 20:15	25°♍35'59	
greatest brilliancy	-10622 Jan 07 j 19:56	27°♍05'06	-4.7m
	-10622 Jan 14 j 20:29	0°♎	
morning max el	-10622 Feb 16 j 14:54	25°♎12'14	45°58'41
	-10622 Feb 21 j 14:37	0°♏	
desc. node	-10622 Mar 09 j 15:23	16°♏21'37	
	-10622 Mar 22 j 06:28	0°♐	
	-10622 Apr 17 j 15:45	0°♑	
	-10622 May 12 j 20:32	0°♒	
	-10622 Jun 06 j 07:37	0°♓	
asc. node	-10622 Jun 29 j 01:18	28°♓24'22	
	-10622 Jun 30 j 07:43	0°♈	
	-10622 Jul 24 j 02:04	0°♉	
morning set	-10622 Aug 15 j 11:43	28°♉20'36	
	-10622 Aug 16 j 19:11	0°♊	
	-10622 Sep 09 j 14:40	0°♋	
superior conj	-10622 Sep 26 j 19:16	21°♋30'55	0°49'22
minimum elong	-10622 Sep 27 j 06:36	22°♋06'15	0°49'31
max. Earth dist.	-10622 Oct 03 j 17:35	0°♌09'11	1.71859 AU
	-10622 Oct 03 j 14:38	0°♌	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

desc. node	-10622 Oct 20 j 01:39	20°♌25'56	
	-10622 Oct 27 j 19:18	0°♍	
evening rise	-10622 Nov 08 j 07:46	14°♍12'55	
	-10622 Nov 21 j 03:40	0°♎	
	-10622 Dec 15 j 14:59	0°♏	
	-10621 Jan 09 j 06:12	0°♐	
	-10621 Feb 03 j 04:20	0°♑	
asc. node	-10621 Feb 08 j 14:16	6°♑27'03	
	-10621 Feb 28 j 14:06	0°♒	
	-10621 Mar 26 j 18:36	0°♓	
	-10621 Apr 23 j 10:33	0°♈	
evening max el	-10621 May 04 j 15:01	11°♈16'48	46°42'59
	-10621 May 25 j 18:45	0°♉	
desc. node	-10621 Jun 01 j 21:53	5°♉03'52	
greatest brilliancy	-10621 Jun 14 j 06:45	11°♉18'26	-4.9m
retrograde	-10621 Jun 23 j 20:00	12°♉59'29	
evening set	-10621 Jul 10 j 15:03	7°♉37'19	
min. Earth dist.	-10621 Jul 13 j 22:26	5°♉39'54	0.26494 AU
inferior conj	-10621 Jul 14 j 12:32	5°♉18'40	-8°16'10
minimum elong	-10621 Jul 14 j 05:26	5°♉29'21	8°15'06
morning rise	-10621 Jul 17 j 19:56	3°♉20'53	
	-10621 Jul 24 j 11:23	30°R♈	
direct	-10621 Aug 03 j 19:45	27°♈49'48	
greatest brilliancy	-10621 Aug 13 j 22:19	29°♈47'04	-4.9m
	-10621 Aug 14 j 11:56	0°♉	
asc. node	-10621 Sep 21 j 13:27	29°♉22'51	
	-10621 Sep 22 j 04:11	0°♊	
morning max el	-10621 Sep 23 j 08:15	1°♊11'15	46°33'49
	-10621 Oct 19 j 23:03	0°♋	
	-10621 Nov 15 j 01:04	0°♌	
	-10621 Dec 10 j 14:41	0°♍	
	-10620 Jan 04 j 22:48	0°♎	
desc. node	-10620 Jan 12 j 15:53	9°♎10'56	
	-10620 Jan 30 j 01:27	0°♏	
	-10620 Feb 23 j 21:09	0°♐	
	-10620 Mar 19 j 09:22	0°♑	
morning set	-10620 Mar 22 j 17:41	4°♑07'27	
	-10620 Apr 12 j 15:02	0°♒	
max. Earth dist.	-10620 Apr 22 j 15:06	12°♒27'44	1.72190 AU
superior conj	-10620 Apr 27 j 01:23	17°♒59'29	-0°13'50
minimum elong	-10620 Apr 27 j 04:08	18°♒08'04	0°14'08
behind sun begin	-10620 Apr 26 j 17:37	17°♒35'13	
behind sun end	-10620 Apr 27 j 14:40	18°♒40'56	
asc. node	-10620 May 03 j 00:32	25°♒26'48	
	-10620 May 06 j 15:51	0°♓	
	-10620 May 30 j 13:46	0°♈	
evening rise	-10620 Jun 02 j 15:44	3°♈52'16	
	-10620 Jun 23 j 10:51	0°♉	
	-10620 Jul 17 j 09:19	0°♊	
	-10620 Aug 10 j 11:30	0°♋	
desc. node	-10620 Aug 24 j 03:26	16°♋53'21	
	-10620 Sep 03 j 19:39	0°♌	
	-10620 Sep 28 j 12:42	0°♍	
	-10620 Oct 23 j 20:45	0°♎	
	-10620 Nov 19 j 12:26	0°♏	
evening max el	-10620 Dec 07 j 07:01	18°♏19'01	45°08'02
asc. node	-10620 Dec 13 j 19:17	24°♏28'48	
	-10620 Dec 20 j 01:02	0°♐	
greatest brilliancy	-10619 Jan 13 j 18:38	15°♐59'05	-4.7m
retrograde	-10619 Jan 24 j 13:29	18°♐04'45	
evening set	-10619 Feb 11 j 04:25	12°♐16'55	
inferior conj	-10619 Feb 15 j 00:54	9°♐54'19	7°57'57
minimum elong	-10619 Feb 15 j 03:54	9°♐49'37	7°57'18
min. Earth dist.	-10619 Feb 15 j 21:26	9°♐22'04	0.29436 AU
morning rise	-10619 Feb 19 j 03:07	7°♐22'08	
direct	-10619 Mar 09 j 01:28	1°♐24'14	
greatest brilliancy	-10619 Mar 19 j 17:47	3°♐25'34	-4.7m
desc. node	-10619 Apr 06 j 02:44	13°♐20'12	
	-10619 Apr 25 j 12:27	0°♑	
morning max el	-10619 Apr 27 j 12:42	1°♑56'22	46°17'54
	-10619 May 24 j 04:56	0°♒	
	-10619 Jun 19 j 03:53	0°♓	
	-10619 Jul 13 j 22:08	0°♈	
asc. node	-10619 Jul 26 j 14:52	15°♈42'01	
	-10619 Aug 07 j 02:11	0°♉	
	-10619 Aug 31 j 00:42	0°♊	
	-10619 Sep 23 j 23:35	0°♋	
	-10619 Oct 18 j 02:13	0°♌	
morning set	-10619 Nov 01 j 04:33	17°♌26'05	
	-10619 Nov 11 j 09:17	0°♍	
desc. node	-10619 Nov 16 j 14:51	6°♍26'11	
	-10619 Dec 05 j 19:21	0°♎	
superior conj	-10619 Dec 11 j 16:33	7°♎12'57	-0°52'02
minimum elong	-10619 Dec 11 j 07:25	6°♎44'59	0°51'43
max. Earth dist.	-10619 Dec 12 j 10:39	8°♎08'26	1.73541 AU
	-10619 Dec 30 j 06:22	0°♏	
evening rise	-10618 Jan 17 j 21:17	22°♏50'37	
	-10618 Jan 23 j 17:14	0°♐	
greatest brilliancy	-10618 Feb 02 j 00:51	11°♐25'54	-3.9m
	-10618 Feb 17 j 04:28	0°♑	
asc. node	-10618 Mar 08 j 01:41	23°♑05'30	
	-10618 Mar 13 j 17:39	0°♒	
	-10618 Apr 07 j 10:34	0°♓	
	-10618 May 02 j 09:05	0°♈	
	-10618 May 27 j 16:52	0°♉	
	-10618 Jun 22 j 19:47	0°♊	
desc. node	-10618 Jun 29 j 08:03	7°♊13'30	
evening max el	-10618 Jul 16 j 14:23	25°♊32'31	47°51'51
	-10618 Jul 21 j 01:13	0°♋	
greatest brilliancy	-10618 Aug 27 j 05:40	27°♋46'16	-4.9m
retrograde	-10618 Sep 05 j 20:03	29°♋33'56	
evening set	-10618 Sep 21 j 18:33	24°♋26'50	
min. Earth dist.	-10618 Sep 26 j 04:31	21°♋42'51	0.27251 AU
inferior conj	-10618 Sep 26 j 16:08	21°♋24'22	-5°08'19
minimum elong	-10618 Sep 27 j 01:16	21°♋09'52	5°05'27
morning rise	-10618 Oct 02 j 08:29	17°♋56'18	
direct	-10618 Oct 17 j 01:07	13°♋32'17	
asc. node	-10618 Oct 19 j 00:32	13°♋37'01	
greatest brilliancy	-10618 Oct 26 j 11:44	15°♋14'13	-4.8m
	-10618 Nov 19 j 01:44	0°♌	
morning max el	-10618 Dec 05 j 09:13	14°♌48'52	46°07'34
	-10618 Dec 20 j 09:11	0°♍	
	-10617 Jan 17 j 00:42	0°♎	
desc. node	-10617 Feb 09 j 05:09	26°♎19'18	
	-10617 Feb 12 j 09:35	0°♏	
	-10617 Mar 09 j 23:25	0°♐	
	-10617 Apr 03 j 22:11	0°♑	
	-10617 Apr 28 j 08:54	0°♒	
	-10617 May 22 j 10:41	0°♓	
morning set	-10617 May 30 j 08:13	9°♓54'45	
asc. node	-10617 May 31 j 13:52	11°♓27'58	
	-10617 Jun 15 j 06:43	0°♈	
superior conj	-10617 Jul 07 j 22:16	28°♈38'14	1°12'09
minimum elong	-10617 Jul 07 j 13:12	28°♈09'32	1°12'11
max. Earth dist.	-10617 Jul 08 j 16:05	29°♈34'33	1.70746 AU
	-10617 Jul 09 j 00:07	0°♉	
	-10617 Aug 01 j 17:53	0°♊	
evening rise	-10617 Aug 18 j 06:55	20°♊49'23	
	-10617 Aug 25 j 14:33	0°♋	
	-10617 Sep 18 j 15:45	0°♌	
desc. node	-10617 Sep 21 j 15:11	3°♌41'38	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10617 Oct 12 j 22:13	0°♍	
	-10617 Nov 06 j 10:36	0°♎	
	-10617 Dec 01 j 07:20	0°♏	
	-10617 Dec 26 j 19:01	0°♐	
asc. node	-10616 Jan 11 j 05:41	17°♐34'56	
	-10616 Jan 22 j 12:23	0°♑	
evening max el	-10616 Feb 17 j 17:23	26°♑45'45	45°04'48
	-10616 Feb 21 j 04:57	0°♒	
greatest brilliancy	-10616 Mar 27 j 01:00	23°♒55'21	-4.7m
retrograde	-10616 Apr 06 j 01:38	25°♒41'39	
evening set	-10616 Apr 20 j 20:54	21°♒35'56	
inferior conj	-10616 Apr 27 j 02:33	18°♒03'29	1°31'47
minimum elong	-10616 Apr 27 j 05:57	17°♒58'25	1°30'21
min. Earth dist.	-10616 Apr 28 j 01:24	17°♒29'31	0.27477 AU
morning rise	-10616 May 03 j 13:58	14°♒21'24	
desc. node	-10616 May 03 j 13:44	14°♒21'43	
direct	-10616 May 18 j 09:41	10°♒10'26	
greatest brilliancy	-10616 May 30 j 02:37	12°♒39'51	-4.8m
	-10616 Jun 24 j 12:12	0°♓	
morning max el	-10616 Jul 07 j 21:04	12°♓45'26	46°41'27
	-10616 Jul 24 j 02:35	0°♈	
	-10616 Aug 19 j 04:18	0°♉	
asc. node	-10616 Aug 23 j 03:44	4°♉43'51	
	-10616 Sep 13 j 02:09	0°♊	
	-10616 Oct 07 j 14:51	0°♋	
	-10616 Nov 01 j 03:00	0°♌	
	-10616 Nov 25 j 17:37	0°♍	
desc. node	-10616 Dec 14 j 04:33	22°♍26'00	
	-10616 Dec 20 j 09:56	0°♎	
morning set	-10615 Jan 12 j 13:22	28°♎10'06	
	-10615 Jan 14 j 01:24	0°♏	
	-10615 Feb 07 j 13:53	0°♐	
max. Earth dist.	-10615 Feb 14 j 07:46	8°♐17'06	1.73645 AU
superior conj	-10615 Feb 17 j 18:11	12°♐30'31	-1°18'02
minimum elong	-10615 Feb 17 j 22:07	12°♐42'38	1°18'32
	-10615 Mar 03 j 22:51	0°♑	
evening rise	-10615 Mar 24 j 20:53	25°♑51'21	
	-10615 Mar 28 j 05:13	0°♒	
asc. node	-10615 Apr 04 j 13:48	9°♒06'41	
	-10615 Apr 21 j 10:21	0°♓	
	-10615 May 15 j 15:33	0°♈	
	-10615 Jun 08 j 22:15	0°♉	
	-10615 Jul 03 j 08:53	0°♊	
desc. node	-10615 Jul 26 j 18:34	28°♊20'41	
	-10615 Jul 28 j 03:42	0°♋	
	-10615 Aug 22 j 14:41	0°♌	
	-10615 Sep 18 j 13:59	0°♍	
evening max el	-10615 Sep 25 j 11:12	7°♍08'29	46°46'18
	-10615 Oct 21 j 01:02	0°♎	
greatest brilliancy	-10615 Nov 03 j 17:23	7°♎54'43	-4.8m
retrograde	-10615 Nov 14 j 22:25	10°♎17'17	
asc. node	-10615 Nov 15 j 11:16	10°♎16'56	
evening set	-10615 Nov 30 j 05:10	5°♎31'58	
min. Earth dist.	-10615 Dec 05 j 12:25	2°♎14'12	0.28953 AU
inferior conj	-10615 Dec 06 j 03:04	1°♎50'30	4°31'00
minimum elong	-10615 Dec 05 j 19:12	2°♎03'14	4°29'09
	-10615 Dec 09 j 00:12	30°℞♍	
morning rise	-10615 Dec 11 j 09:55	28°♍32'17	
direct	-10615 Dec 27 j 13:14	23°♍26'43	
greatest brilliancy	-10614 Jan 05 j 11:14	24°♍54'50	-4.7m
	-10614 Jan 16 j 10:43	0°♎	
morning max el	-10614 Feb 14 j 07:17	23°♎03'56	45°58'19
	-10614 Feb 21 j 11:11	0°♏	
desc. node	-10614 Mar 08 j 17:26	15°♏41'53	
	-10614 Mar 21 j 21:45	0°♐	
	-10614 Apr 17 j 05:02	0°♑	
	-10614 May 12 j 08:52	0°♒	
	-10614 Jun 05 j 19:28	0°♓	
asc. node	-10614 Jun 28 j 03:34	27°♓55'02	
	-10614 Jun 29 j 19:19	0°♈	
	-10614 Jul 23 j 13:32	0°♉	
morning set	-10614 Aug 12 j 21:25	25°♉43'32	
	-10614 Aug 16 j 06:35	0°♊	
	-10614 Sep 09 j 02:01	0°♋	
superior conj	-10614 Sep 24 j 03:49	18°♋52'31	0°52'31
minimum elong	-10614 Sep 24 j 15:29	19°♋28'54	0°52'40
max. Earth dist.	-10614 Oct 01 j 07:49	27°♋48'52	1.71787 AU
	-10614 Oct 03 j 01:55	0°♌	
desc. node	-10614 Oct 19 j 03:47	19°♌57'47	
	-10614 Oct 27 j 06:31	0°♍	
evening rise	-10614 Nov 05 j 19:51	11°♍47'42	
	-10614 Nov 20 j 14:53	0°♎	
	-10614 Dec 15 j 02:18	0°♏	
	-10613 Jan 08 j 17:51	0°♐	
	-10613 Feb 02 j 16:37	0°♑	
asc. node	-10613 Feb 07 j 16:27	5°♑56'29	
	-10613 Feb 28 j 03:34	0°♒	
	-10613 Mar 26 j 10:19	0°♓	
	-10613 Apr 23 j 07:23	0°♈	
evening max el	-10613 May 02 j 03:44	8°♈51'14	46°39'03
	-10613 May 26 j 15:26	0°♉	
desc. node	-10613 Jun 01 j 00:11	3°♉34'15	
greatest brilliancy	-10613 Jun 11 j 18:13	8°♉47'22	-4.9m
retrograde	-10613 Jun 21 j 07:05	10°♉27'52	
evening set	-10613 Jul 07 j 22:36	5°♉12'42	
min. Earth dist.	-10613 Jul 11 j 10:48	3°♉08'26	0.26487 AU
inferior conj	-10613 Jul 12 j 00:13	2°♉48'14	-8°06'50
minimum elong	-10613 Jul 11 j 16:26	2°♉59'57	8°05'35
morning rise	-10613 Jul 15 j 10:21	0°♉46'28	
	-10613 Jul 16 j 19:16	30°℞♈	
direct	-10613 Aug 01 j 07:33	25°♈19'37	
greatest brilliancy	-10613 Aug 11 j 11:47	27°♈17'44	-4.9m
	-10613 Aug 17 j 09:12	0°♉	
asc. node	-10613 Sep 20 j 15:37	28°♉28'37	
morning max el	-10613 Sep 20 j 19:35	28°♉38'43	46°34'39
	-10613 Sep 22 j 03:21	0°♊	
	-10613 Oct 19 j 15:43	0°♋	
	-10613 Nov 14 j 15:12	0°♌	
	-10613 Dec 10 j 03:28	0°♍	
	-10612 Jan 04 j 10:45	0°♎	
desc. node	-10612 Jan 11 j 18:06	8°♎42'23	
	-10612 Jan 29 j 12:52	0°♏	
	-10612 Feb 23 j 08:16	0°♐	
	-10612 Mar 18 j 20:21	0°♑	
morning set	-10612 Mar 20 j 13:08	2°♑05'37	
	-10612 Apr 12 j 01:59	0°♒	
max. Earth dist.	-10612 Apr 20 j 08:27	10°♒17'58	1.72256 AU
superior conj	-10612 Apr 24 j 19:42	15°♒52'32	-0°16'51
minimum elong	-10612 Apr 24 j 23:00	16°♒02'50	0°17'09
asc. node	-10612 May 02 j 02:44	24°♒59'19	
	-10612 May 06 j 02:52	0°♓	
	-10612 May 30 j 00:55	0°♈	
evening rise	-10612 May 31 j 07:30	1°♈35'59	
	-10612 Jun 22 j 22:11	0°♉	
	-10612 Jul 16 j 20:55	0°♊	
	-10612 Aug 09 j 23:23	0°♋	
desc. node	-10612 Aug 23 j 05:29	16°♋22'33	
	-10612 Sep 03 j 07:54	0°♌	
	-10612 Sep 28 j 01:34	0°♍	
	-10612 Oct 23 j 10:51	0°♎	
	-10612 Nov 19 j 05:36	0°♏	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

evening max el	-10612 Dec 04 j 21:30	16°♏04'36	45°10'14
asc. node	-10612 Dec 12 j 21:42	23°♏37'08	
	-10612 Dec 20 j 06:55	0°♐	
greatest brilliancy	-10611 Jan 11 j 10:31	13°♐52'16	-4.7m
retrograde	-10611 Jan 22 j 06:23	15°♐59'30	
evening set	-10611 Feb 08 j 21:47	10°♐10'02	
inferior conj	-10611 Feb 12 j 17:58	7°♐47'52	8°00'40
minimum elong	-10611 Feb 12 j 20:18	7°♐44'12	8°00'03
min. Earth dist.	-10611 Feb 13 j 13:29	7°♐17'10	0.29474 AU
morning rise	-10611 Feb 16 j 18:33	5°♐18'00	
	-10611 Feb 28 j 16:29	30℞♏	
direct	-10611 Mar 06 j 17:57	29°♏16'56	
	-10611 Mar 13 j 00:12	0°♐	
greatest brilliancy	-10611 Mar 17 j 09:49	1°♐17'35	-4.7m
desc. node	-10611 Apr 05 j 05:00	12°♐14'30	
morning max el	-10611 Apr 25 j 04:39	29°♐44'32	46°16'57
	-10611 Apr 25 j 11:01	0°♑	
	-10611 May 23 j 20:55	0°♒	
	-10611 Jun 18 j 17:37	0°♓	
	-10611 Jul 13 j 10:47	0°♈	
asc. node	-10611 Jul 25 j 17:00	15°♈10'23	
	-10611 Aug 06 j 14:15	0°♉	
	-10611 Aug 30 j 12:25	0°♊	
	-10611 Sep 23 j 11:04	0°♋	
	-10611 Oct 17 j 13:30	0°♌	
morning set	-10611 Oct 29 j 15:49	14°♌58'06	
	-10611 Nov 10 j 20:23	0°♍	
desc. node	-10611 Nov 15 j 17:03	5°♍58'51	
	-10611 Dec 05 j 06:19	0°♎	
superior conj	-10611 Dec 09 j 07:33	4°♎58'13	-0°49'28
minimum elong	-10611 Dec 08 j 22:31	4°♎30'31	0°49'07
max. Earth dist.	-10611 Dec 10 j 04:33	6°♎02'38	1.73504 AU
	-10611 Dec 29 j 17:15	0°♏	
evening rise	-10610 Jan 15 j 15:49	20°♏46'55	
	-10610 Jan 23 j 04:09	0°♐	
greatest brilliancy	-10610 Feb 01 j 05:14	11°♐05'46	-3.9m
	-10610 Feb 16 j 15:32	0°♑	
asc. node	-10610 Mar 07 j 03:51	22°♑37'31	
	-10610 Mar 13 j 05:07	0°♒	
	-10610 Apr 06 j 22:40	0°♓	
	-10610 May 01 j 22:10	0°♈	
	-10610 May 27 j 07:28	0°♉	
	-10610 Jun 22 j 13:13	0°♊	
desc. node	-10610 Jun 28 j 10:20	6°♊29'07	
evening max el	-10610 Jul 14 j 04:38	23°♊08'52	47°51'53
	-10610 Jul 21 j 02:29	0°♋	
greatest brilliancy	-10610 Aug 24 j 21:04	25°♋22'34	-4.9m
retrograde	-10610 Sep 03 j 10:38	27°♋09'46	
evening set	-10610 Sep 19 j 11:38	21°♋58'37	
inferior conj	-10610 Sep 24 j 06:24	19°♋00'53	-5°26'27
minimum elong	-10610 Sep 24 j 15:50	18°♋45'57	5°23'34
min. Earth dist.	-10610 Sep 23 j 18:53	19°♋19'09	0.27208 AU
morning rise	-10610 Sep 29 j 20:28	15°♋36'38	
direct	-10610 Oct 14 j 14:39	11°♋09'39	
asc. node	-10610 Oct 18 j 02:51	11°♋24'30	
greatest brilliancy	-10610 Oct 24 j 02:10	12°♋52'45	-4.8m
	-10610 Nov 19 j 10:00	0°♌	
morning max el	-10610 Dec 03 j 00:41	12°♌33'46	46°08'24
	-10610 Dec 20 j 03:27	0°♍	
	-10609 Jan 16 j 15:11	0°♎	
desc. node	-10609 Feb 08 j 07:08	25°♎47'41	
	-10609 Feb 11 j 22:22	0°♏	
	-10609 Mar 09 j 11:15	0°♐	
	-10609 Apr 03 j 09:31	0°♑	
	-10609 Apr 27 j 19:59	0°♒	
	-10609 May 21 j 21:41	0°♓	
morning set	-10609 May 28 j 00:18	7°♓39'56	
asc. node	-10609 May 30 j 16:09	11°♓00'32	
	-10609 Jun 14 j 17:45	0°♈	
superior conj	-10609 Jul 05 j 10:32	26°♈10'01	1°10'15
minimum elong	-10609 Jul 05 j 01:09	25°♈40'19	1°10'13
max. Earth dist.	-10609 Jul 05 j 22:42	26°♈48'29	1.70764 AU
	-10609 Jul 08 j 11:15	0°♉	
	-10609 Aug 01 j 05:05	0°♊	
evening rise	-10609 Aug 15 j 14:35	18°♊07'25	
	-10609 Aug 25 j 01:49	0°♋	
	-10609 Sep 18 j 03:06	0°♌	
desc. node	-10609 Sep 20 j 17:23	3°♌13'13	
	-10609 Oct 12 j 09:42	0°♍	
	-10609 Nov 05 j 22:22	0°♎	
	-10609 Nov 30 j 19:40	0°♏	
	-10609 Dec 26 j 08:33	0°♐	
asc. node	-10608 Jan 10 j 07:54	16°♐59'36	
	-10608 Jan 22 j 04:46	0°♑	
evening max el	-10608 Feb 15 j 08:52	24°♑34'15	45°03'07
	-10608 Feb 21 j 06:36	0°♒	
greatest brilliancy	-10608 Mar 24 j 13:49	21°♒38'28	-4.7m
retrograde	-10608 Apr 03 j 15:14	23°♒24'50	
evening set	-10608 Apr 18 j 12:09	19°♒17'00	
inferior conj	-10608 Apr 24 j 16:14	15°♒45'54	1°52'44
minimum elong	-10608 Apr 24 j 20:21	15°♒39'44	1°51'06
min. Earth dist.	-10608 Apr 25 j 15:49	15°♒10'44	0.27549 AU
morning rise	-10608 May 01 j 03:36	12°♒03'29	
desc. node	-10608 May 02 j 15:58	11°♒17'32	
direct	-10608 May 16 j 00:53	7°♒51'36	
greatest brilliancy	-10608 May 27 j 16:47	10°♒19'58	-4.8m
	-10608 Jun 24 j 17:16	0°♓	
morning max el	-10608 Jul 05 j 11:36	10°♓23'53	46°40'50
	-10608 Jul 23 j 20:31	0°♈	
	-10608 Aug 18 j 19:03	0°♉	
asc. node	-10608 Aug 22 j 05:52	4°♉07'01	
	-10608 Sep 12 j 15:26	0°♊	
	-10608 Oct 07 j 03:17	0°♋	
	-10608 Oct 31 j 14:52	0°♌	
	-10608 Nov 25 j 05:05	0°♍	
desc. node	-10608 Dec 13 j 06:40	21°♍58'25	
	-10608 Dec 19 j 21:05	0°♎	
morning set	-10607 Jan 10 j 06:18	26°♎02'07	
	-10607 Jan 13 j 12:19	0°♏	
	-10607 Feb 07 j 00:40	0°♐	
max. Earth dist.	-10607 Feb 12 j 05:45	6°♐24'02	1.73667 AU
superior conj	-10607 Feb 15 j 13:45	10°♐29'54	-1°18'45
minimum elong	-10607 Feb 15 j 17:11	10°♐40'28	1°19'15
	-10607 Mar 03 j 09:38	0°♑	
evening rise	-10607 Mar 22 j 16:43	23°♑50'32	
	-10607 Mar 27 j 16:07	0°♒	
asc. node	-10607 Apr 03 j 16:07	8°♒39'57	
	-10607 Apr 20 j 21:30	0°♓	
	-10607 May 15 j 03:03	0°♈	
	-10607 Jun 08 j 10:13	0°♉	
	-10607 Jul 02 j 21:30	0°♊	
desc. node	-10607 Jul 25 j 20:37	27°♊46'20	
	-10607 Jul 27 j 17:18	0°♋	
	-10607 Aug 22 j 06:03	0°♌	
	-10607 Sep 18 j 09:42	0°♍	
evening max el	-10607 Sep 23 j 03:41	4°♍54'00	46°49'54
	-10607 Oct 21 j 21:42	0°♎	
greatest brilliancy	-10607 Nov 01 j 12:06	5°♎45'35	-4.8m
retrograde	-10607 Nov 12 j 15:48	8°♎06'43	
asc. node	-10607 Nov 14 j 13:36	8°♎02'11	
evening set	-10607 Nov 27 j 21:01	3°♎23'59	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

min. Earth dist.	-10607 Dec 03 j 05:02	0°♎04'49	0.28892 AU
	-10607 Dec 03 j 08:00	30°℞♍	
inferior conj	-10607 Dec 03 j 20:11	29°♍40'16	4°15'17
minimum elong	-10607 Dec 03 j 12:36	29°♍52'33	4°13'29
morning rise	-10607 Dec 09 j 04:56	26°♍19'04	
direct	-10607 Dec 25 j 05:48	21°♍17'41	
greatest brilliancy	-10606 Jan 03 j 02:48	22°♍45'00	-4.7m
	-10606 Jan 17 j 13:18	0°♎	
morning max el	-10606 Feb 11 j 22:46	20°♎54'00	45°58'02
	-10606 Feb 21 j 06:52	0°♏	
desc. node	-10606 Mar 07 j 19:40	15°♏03'42	
	-10606 Mar 21 j 12:35	0°♐	
	-10606 Apr 16 j 18:00	0°♑	
	-10606 May 11 j 20:56	0°♒	
	-10606 Jun 05 j 07:05	0°♓	
greatest brilliancy	-10606 Jun 19 j 07:24	17°♓28'51	-3.9m
asc. node	-10606 Jun 27 j 05:43	27°♓26'00	
	-10606 Jun 29 j 06:41	0°♈	
	-10606 Jul 23 j 00:47	0°♉	
morning set	-10606 Aug 10 j 07:26	23°♉07'59	
	-10606 Aug 15 j 17:48	0°♊	
	-10606 Sep 08 j 13:14	0°♋	
superior conj	-10606 Sep 21 j 12:18	16°♋14'06	0°55'32
minimum elong	-10606 Sep 22 j 00:08	16°♋51'06	0°55'42
max. Earth dist.	-10606 Sep 28 j 20:11	25°♋22'59	1.71718 AU
	-10606 Oct 02 j 13:07	0°♌	
desc. node	-10606 Oct 18 j 06:02	19°♌30'07	
	-10606 Oct 26 j 17:42	0°♍	
evening rise	-10606 Nov 03 j 07:15	9°♍20'24	
	-10606 Nov 20 j 02:03	0°♎	
	-10606 Dec 14 j 13:35	0°♏	
	-10605 Jan 08 j 05:26	0°♐	
	-10605 Feb 02 j 04:52	0°♑	
asc. node	-10605 Feb 06 j 18:39	5°♑26'09	
	-10605 Feb 27 j 17:03	0°♒	
	-10605 Mar 26 j 02:09	0°♓	
	-10605 Apr 23 j 04:47	0°♈	
evening max el	-10605 Apr 29 j 15:53	6°♈24'53	46°35'08
	-10605 May 27 j 18:57	0°♉	
desc. node	-10605 May 31 j 02:26	2°♉01'57	
greatest brilliancy	-10605 Jun 09 j 06:06	6°♉17'36	-4.9m
retrograde	-10605 Jun 18 j 18:14	7°♉57'37	
evening set	-10605 Jul 05 j 06:13	2°♉49'12	
min. Earth dist.	-10605 Jul 08 j 23:36	0°♉37'52	0.26481 AU
inferior conj	-10605 Jul 09 j 12:06	0°♉19'03	-7°56'24
minimum elong	-10605 Jul 09 j 03:42	0°♉31'41	7°54'59
	-10605 Jul 10 j 00:47	30°℞♈	
morning rise	-10605 Jul 13 j 01:13	28°♈13'04	
direct	-10605 Jul 29 j 19:09	22°♈50'22	
greatest brilliancy	-10605 Aug 09 j 01:48	24°♈50'04	-4.9m
	-10605 Aug 19 j 02:53	0°♉	
morning max el	-10605 Sep 18 j 07:10	26°♉07'10	46°35'27
asc. node	-10605 Sep 19 j 17:58	27°♉36'21	
	-10605 Sep 22 j 01:25	0°♊	
	-10605 Oct 19 j 08:00	0°♋	
	-10605 Nov 14 j 05:12	0°♌	
	-10605 Dec 09 j 16:14	0°♍	
	-10604 Jan 03 j 22:44	0°♎	
desc. node	-10604 Jan 10 j 20:07	8°♎13'07	
	-10604 Jan 29 j 00:20	0°♏	
	-10604 Feb 22 j 19:24	0°♐	
morning set	-10604 Mar 18 j 08:32	0°♑03'41	
	-10604 Mar 18 j 07:20	0°♑	
	-10604 Apr 11 j 12:57	0°♒	
max. Earth dist.	-10604 Apr 18 j 03:47	8°♒14'26	1.72320 AU
superior conj	-10604 Apr 22 j 14:10	13°♒46'06	-0°19'50
minimum elong	-10604 Apr 22 j 18:00	13°♒58'03	0°20'07
asc. node	-10604 May 01 j 04:59	24°♒31'55	
	-10604 May 05 j 13:54	0°♓	
evening rise	-10604 May 28 j 23:43	29°♓21'04	
	-10604 May 29 j 12:07	0°♈	
	-10604 Jun 22 j 09:36	0°♉	
	-10604 Jul 16 j 08:33	0°♊	
	-10604 Aug 09 j 11:17	0°♋	
desc. node	-10604 Aug 22 j 07:48	15°♋52'28	
	-10604 Sep 02 j 20:11	0°♌	
	-10604 Sep 27 j 14:30	0°♍	
	-10604 Oct 23 j 01:09	0°♎	
	-10604 Nov 18 j 23:18	0°♏	
evening max el	-10604 Dec 02 j 12:50	13°♏51'46	45°12'28
asc. node	-10604 Dec 11 j 23:54	22°♏43'27	
	-10604 Dec 20 j 15:30	0°♐	
greatest brilliancy	-10603 Jan 09 j 02:01	11°♐44'24	-4.7m
retrograde	-10603 Jan 19 j 23:44	13°♐53'42	
evening set	-10603 Feb 06 j 14:58	8°♐02'52	
inferior conj	-10603 Feb 10 j 11:03	5°♐40'49	8°02'41
minimum elong	-10603 Feb 10 j 12:44	5°♐38'10	8°02'07
min. Earth dist.	-10603 Feb 11 j 05:18	5°♐12'07	0.29507 AU
morning rise	-10603 Feb 14 j 10:16	3°♐13'02	
	-10603 Feb 20 j 09:11	30°℞♏	
direct	-10603 Mar 04 j 10:50	27°♏09'11	
greatest brilliancy	-10603 Mar 15 j 01:26	29°♏08'55	-4.7m
	-10603 Mar 17 j 05:52	0°♐	
desc. node	-10603 Apr 04 j 07:15	11°♐10'02	
morning max el	-10603 Apr 22 j 21:27	27°♐34'43	46°16'02
	-10603 Apr 25 j 08:51	0°♑	
	-10603 May 23 j 12:45	0°♒	
	-10603 Jun 18 j 07:19	0°♓	
	-10603 Jul 12 j 23:29	0°♈	
asc. node	-10603 Jul 24 j 19:06	14°♈38'16	
	-10603 Aug 06 j 02:25	0°♉	
	-10603 Aug 30 j 00:16	0°♊	
	-10603 Sep 22 j 22:40	0°♋	
	-10603 Oct 17 j 00:53	0°♌	
morning set	-10603 Oct 27 j 03:19	12°♌30'21	
	-10603 Nov 10 j 07:37	0°♍	
desc. node	-10603 Nov 14 j 19:10	5°♍30'58	
	-10603 Dec 04 j 17:26	0°♎	
superior conj	-10603 Dec 06 j 22:30	2°♎42'49	-0°46'48
minimum elong	-10603 Dec 06 j 13:38	2°♎15'36	0°46'26
max. Earth dist.	-10603 Dec 07 j 23:13	3°♎58'38	1.73471 AU
	-10603 Dec 29 j 04:20	0°♏	
evening rise	-10602 Jan 13 j 10:19	18°♏42'26	
	-10602 Jan 22 j 15:16	0°♐	
greatest brilliancy	-10602 Jan 31 j 10:35	10°♐47'55	-3.9m
	-10602 Feb 16 j 02:51	0°♑	
asc. node	-10602 Mar 06 j 06:11	22°♑09'19	
	-10602 Mar 12 j 16:49	0°♒	
	-10602 Apr 06 j 11:01	0°♓	
	-10602 May 01 j 11:31	0°♈	
	-10602 May 26 j 22:26	0°♉	
	-10602 Jun 22 j 07:13	0°♊	
desc. node	-10602 Jun 27 j 12:27	5°♊43'02	
evening max el	-10602 Jul 11 j 19:51	20°♊47'05	47°51'39
	-10602 Jul 21 j 05:22	0°♋	
greatest brilliancy	-10602 Aug 22 j 11:59	22°♋57'27	-4.9m
retrograde	-10602 Sep 01 j 01:34	24°♋44'31	
evening set	-10602 Sep 17 j 04:44	19°♋29'18	
inferior conj	-10602 Sep 21 j 20:33	16°♋36'17	-5°44'03
minimum elong	-10602 Sep 22 j 06:13	16°♋21'01	5°41'11
min. Earth dist.	-10602 Sep 21 j 08:52	16°♋54'46	0.27165 AU

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning rise	-10602 Sep 27 j 08:10	13°♋16'12		
direct	-10602 Oct 12 j 04:35	8°♋46'07		
asc. node	-10602 Oct 17 j 05:06	9°♋16'22		
greatest brilliancy	-10602 Oct 21 j 15:56	10°♋29'41	-4.8m	
	-10602 Nov 19 j 16:11	0°♌		
morning max el	-10602 Nov 30 j 16:27	10°♌18'43	46°09'16	
	-10602 Dec 19 j 21:31	0°♍		
	-10601 Jan 16 j 05:45	0°♎		
desc. node	-10601 Feb 07 j 09:23	25°♎16'13		
	-10601 Feb 11 j 11:20	0°♏		
	-10601 Mar 08 j 23:21	0°♐		
	-10601 Apr 02 j 21:08	0°♑		
	-10601 Apr 27 j 07:20	0°♒		
	-10601 May 21 j 08:57	0°♓		
morning set	-10601 May 25 j 16:31	5°♓24'50		
asc. node	-10601 May 29 j 18:15	10°♓31'50		
	-10601 Jun 14 j 05:02	0°♈		
superior conj	-10601 Jul 02 j 23:02	23°♈41'53	1°08'13	
minimum elong	-10601 Jul 02 j 13:24	23°♈11'26	1°08'08	
max. Earth dist.	-10601 Jul 03 j 04:22	23°♈58'46	1.70785 AU	
	-10601 Jul 07 j 22:36	0°♉		
	-10601 Jul 31 j 16:32	0°♊		
evening rise	-10601 Aug 12 j 22:25	15°♊25'00		
	-10601 Aug 24 j 13:22	0°♋		
	-10601 Sep 17 j 14:46	0°♌		
desc. node	-10601 Sep 19 j 19:37	2°♌43'58		
	-10601 Oct 11 j 21:31	0°♍		
	-10601 Nov 05 j 10:27	0°♎		
	-10601 Nov 30 j 08:19	0°♏		
	-10601 Dec 25 j 22:29	0°♐		
asc. node	-10600 Jan 09 j 10:08	16°♐23'10		
	-10600 Jan 21 j 21:47	0°♑		
evening max el	-10600 Feb 13 j 00:02	22°♑21'03	45°01'19	
	-10600 Feb 21 j 10:12	0°♒		
greatest brilliancy	-10600 Mar 22 j 03:15	19°♒21'18	-4.7m	
retrograde	-10600 Apr 01 j 04:14	21°♒07'02		
evening set	-10600 Apr 16 j 03:33	16°♒56'58		
inferior conj	-10600 Apr 22 j 05:57	13°♒27'32	2°13'30	
minimum elong	-10600 Apr 22 j 10:47	13°♒20'18	2°11'39	
min. Earth dist.	-10600 Apr 23 j 06:37	12°♒50'37	0.27620 AU	
morning rise	-10600 Apr 28 j 17:01	9°♒44'48		
desc. node	-10600 May 01 j 18:10	8°♒15'53		
direct	-10600 May 13 j 15:42	5°♒31'54		
greatest brilliancy	-10600 May 25 j 07:18	7°♒59'26	-4.8m	
	-10600 Jun 24 j 21:00	0°♓		
morning max el	-10600 Jul 03 j 01:11	7°♓59'02	46°40'17	
	-10600 Jul 23 j 14:23	0°♈		
	-10600 Aug 18 j 09:53	0°♉		
asc. node	-10600 Aug 21 j 08:15	3°♉30'23		
	-10600 Sep 12 j 04:52	0°♊		
	-10600 Oct 06 j 15:56	0°♋		
	-10600 Oct 31 j 03:00	0°♌		
	-10600 Nov 24 j 16:50	0°♍		
desc. node	-10600 Dec 12 j 08:43	21°♍29'43		
	-10600 Dec 19 j 08:30	0°♎		
morning set	-10599 Jan 07 j 23:17	23°♎53'23		
	-10599 Jan 12 j 23:29	0°♏		
	-10599 Feb 06 j 11:43	0°♐		
max. Earth dist.	-10599 Feb 10 j 02:56	4°♐27'43	1.73689 AU	
superior conj	-10599 Feb 13 j 09:24	8°♐28'46	-1°19'20	
minimum elong	-10599 Feb 13 j 12:19	8°♐37'44	1°19'52	
	-10599 Mar 02 j 20:42	0°♑		
evening rise	-10599 Mar 20 j 12:35	21°♑48'56		
	-10599 Mar 27 j 03:21	0°♒		
asc. node	-10599 Apr 02 j 18:20	8°♒11'52		
	-10599 Apr 20 j 09:00	0°♓		
	-10599 May 14 j 14:55	0°♈		
	-10599 Jun 07 j 22:33	0°♉		
	-10599 Jul 02 j 10:29	0°♊		
desc. node	-10599 Jul 24 j 22:57	27°♊11'42		
	-10599 Jul 27 j 07:19	0°♋		
	-10599 Aug 21 j 21:57	0°♌		
	-10599 Sep 18 j 06:21	0°♍		
evening max el	-10599 Sep 20 j 19:06	2°♍35'47	46°53'25	
	-10599 Oct 23 j 03:02	0°♎		
greatest brilliancy	-10599 Oct 30 j 07:09	3°♎35'27	-4.8m	
retrograde	-10599 Nov 10 j 08:47	5°♎54'47		
asc. node	-10599 Nov 13 j 15:51	5°♎41'15		
evening set	-10599 Nov 25 j 12:52	1°♎14'21		
	-10599 Nov 27 j 14:34	30°℞♍		
min. Earth dist.	-10599 Nov 30 j 21:58	27°♍53'32	0.28830 AU	
inferior conj	-10599 Dec 01 j 13:13	27°♍28'47	3°59'02	
minimum elong	-10599 Dec 01 j 05:58	27°♍40'33	3°57'18	
morning rise	-10599 Dec 06 j 23:48	24°♍04'35		
direct	-10599 Dec 22 j 21:39	19°♍07'14		
greatest brilliancy	-10599 Dec 31 j 18:53	20°♍34'24	-4.7m	
	-10598 Jan 18 j 09:22	0°♎		
morning max el	-10598 Feb 09 j 13:44	18°♎41'55	45°57'58	
	-10598 Feb 21 j 02:19	0°♏		
desc. node	-10598 Mar 06 j 21:55	14°♏25'10		
	-10598 Mar 21 j 03:31	0°♐		
	-10598 Apr 16 j 07:09	0°♑		
	-10598 May 11 j 09:15	0°♒		
	-10598 Jun 04 j 18:58	0°♓		
greatest brilliancy	-10598 Jun 22 j 16:25	22°♓21'21	-3.9m	
asc. node	-10598 Jun 26 j 07:52	26°♓56'00		
	-10598 Jun 28 j 18:21	0°♈		
	-10598 Jul 22 j 12:20	0°♉		
morning set	-10598 Aug 07 j 17:14	20°♉30'44		
	-10598 Aug 15 j 05:17	0°♊		
	-10598 Sep 08 j 00:41	0°♋		
superior conj	-10598 Sep 18 j 20:35	13°♋34'16	0°58'26	
minimum elong	-10598 Sep 19 j 08:31	14°♋11'35	0°58'37	
max. Earth dist.	-10598 Sep 26 j 06:12	22°♋48'54	1.71647 AU	
	-10598 Oct 02 j 00:33	0°♌		
desc. node	-10598 Oct 17 j 08:06	19°♌01'15		
	-10598 Oct 26 j 05:06	0°♍		
evening rise	-10598 Oct 31 j 18:21	6°♍51'24		
	-10598 Nov 19 j 13:28	0°♎		
	-10598 Dec 14 j 01:08	0°♏		
	-10597 Jan 07 j 17:18	0°♐		
	-10597 Feb 01 j 17:24	0°♑		
asc. node	-10597 Feb 05 j 21:03	4°♑55'42		
	-10597 Feb 27 j 06:50	0°♒		
	-10597 Mar 25 j 18:25	0°♓		
	-10597 Apr 23 j 03:11	0°♈		
evening max el	-10597 Apr 27 j 03:37	3°♈57'11	46°31'10	
	-10597 May 29 j 10:17	0°♉		
desc. node	-10597 May 30 j 04:35	0°♉25'10		
greatest brilliancy	-10597 Jun 06 j 17:26	3°♉46'16	-4.9m	
retrograde	-10597 Jun 16 j 05:27	5°♉26'26		
evening set	-10597 Jul 02 j 13:30	0°♉24'23		
	-10597 Jul 03 j 06:45	30°℞♈		
inferior conj	-10597 Jul 06 j 23:48	27°♈48'37	-7°44'48	
minimum elong	-10597 Jul 06 j 14:50	28°♈02'03	7°43'14	
min. Earth dist.	-10597 Jul 06 j 12:08	28°♈06'05	0.26483 AU	
morning rise	-10597 Jul 10 j 16:07	25°♈38'16		
direct	-10597 Jul 27 j 06:44	20°♈19'35		
greatest brilliancy	-10597 Aug 06 j 15:51	22°♈21'20	-4.9m	
	-10597 Aug 20 j 08:23	0°♉		
morning max el	-10597 Sep 15 j 19:38	23°♉36'54	46°36'18	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

asc. node	-10597 Sep 18 j 20:12	26°♉43'47	
	-10597 Sep 21 j 23:03	0°♊	
	-10597 Oct 19 j 00:17	0°♋	
	-10597 Nov 13 j 19:16	0°♌	
	-10597 Dec 09 j 05:05	0°♍	
	-10596 Jan 03 j 10:49	0°♎	
desc. node	-10596 Jan 09 j 22:20	7°♎44'02	
	-10596 Jan 28 j 11:55	0°♏	
	-10596 Feb 22 j 06:41	0°♐	
morning set	-10596 Mar 16 j 04:04	28°♐01'52	
	-10596 Mar 17 j 18:26	0°♑	
	-10596 Apr 10 j 24:00	0°♒	
max. Earth dist.	-10596 Apr 16 j 00:09	6°♒13'55	1.72380 AU
superior conj	-10596 Apr 20 j 08:52	11°♒40'12	-0°22'47
minimum elong	-10596 Apr 20 j 13:11	11°♒53'42	0°23'03
asc. node	-10596 Apr 30 j 07:07	24°♒03'56	
	-10596 May 05 j 01:01	0°♓	
evening rise	-10596 May 26 j 16:14	27°♓06'58	
	-10596 May 28 j 23:23	0°♈	
	-10596 Jun 21 j 21:06	0°♉	
	-10596 Jul 15 j 20:20	0°♊	
	-10596 Aug 08 j 23:22	0°♋	
desc. node	-10596 Aug 21 j 10:01	15°♋21'30	
	-10596 Sep 02 j 08:41	0°♌	
	-10596 Sep 27 j 03:42	0°♍	
	-10596 Oct 22 j 15:46	0°♎	
	-10596 Nov 18 j 17:32	0°♏	
evening max el	-10596 Nov 30 j 04:51	11°♏40'15	45°14'52
asc. node	-10596 Dec 11 j 02:10	21°♏48'30	
	-10596 Dec 21 j 03:20	0°♐	
greatest brilliancy	-10595 Jan 06 j 17:18	9°♐36'01	-4.7m
retrograde	-10595 Jan 17 j 17:17	11°♐47'23	
evening set	-10595 Feb 04 j 07:52	5°♐55'40	
inferior conj	-10595 Feb 08 j 04:02	3°♐33'16	8°04'03
minimum elong	-10595 Feb 08 j 05:04	3°♐31'39	8°03'32
min. Earth dist.	-10595 Feb 08 j 20:42	3°♐07'03	0.29536 AU
morning rise	-10595 Feb 12 j 02:05	1°♐07'15	
	-10595 Feb 13 j 23:53	30°℞♏	
direct	-10595 Mar 02 j 04:05	25°♏01'08	
greatest brilliancy	-10595 Mar 12 j 16:21	26°♏59'15	-4.7m
	-10595 Mar 19 j 10:00	0°♐	
desc. node	-10595 Apr 03 j 09:21	10°♐06'40	
morning max el	-10595 Apr 20 j 14:50	25°♐26'27	46°15'13
	-10595 Apr 25 j 05:57	0°♑	
	-10595 May 23 j 04:19	0°♒	
	-10595 Jun 17 j 20:52	0°♓	
	-10595 Jul 12 j 12:05	0°♈	
asc. node	-10595 Jul 23 j 21:27	14°♈07'15	
	-10595 Aug 05 j 14:31	0°♉	
	-10595 Aug 29 j 12:04	0°♊	
	-10595 Sep 22 j 10:15	0°♋	
	-10595 Oct 16 j 12:18	0°♌	
morning set	-10595 Oct 24 j 14:17	10°♌00'44	
	-10595 Nov 09 j 18:51	0°♍	
desc. node	-10595 Nov 13 j 21:15	5°♍02'53	
	-10595 Dec 04 j 04:33	0°♎	
superior conj	-10595 Dec 04 j 12:48	0°♎25'20	-0°44'02
minimum elong	-10595 Dec 04 j 04:09	29°♍58'48	0°43'38
max. Earth dist.	-10595 Dec 05 j 18:53	1°♎57'40	1.73433 AU
	-10595 Dec 28 j 15:23	0°♏	
evening rise	-10594 Jan 11 j 04:28	16°♏37'04	
	-10594 Jan 22 j 02:21	0°♐	
greatest brilliancy	-10594 Jan 30 j 15:56	10°♐30'09	-3.9m
	-10594 Feb 15 j 14:09	0°♑	
asc. node	-10594 Mar 05 j 08:23	21°♑40'44	
	-10594 Mar 12 j 04:31	0°♒	
	-10594 Apr 05 j 23:23	0°♓	
	-10594 May 01 j 00:52	0°♈	
	-10594 May 26 j 13:24	0°♉	
	-10594 Jun 22 j 01:24	0°♊	
desc. node	-10594 Jun 26 j 14:47	4°♊57'33	
evening max el	-10594 Jul 09 j 11:46	18°♊27'42	47°51'12
	-10594 Jul 21 j 09:34	0°♋	
greatest brilliancy	-10594 Aug 20 j 02:30	20°♋32'18	-4.9m
retrograde	-10594 Aug 29 j 16:24	22°♋19'09	
evening set	-10594 Sep 14 j 21:49	17°♋00'03	
inferior conj	-10594 Sep 19 j 10:35	14°♋11'38	-6°01'06
minimum elong	-10594 Sep 19 j 20:24	13°♋56'08	5°58'16
min. Earth dist.	-10594 Sep 18 j 22:35	14°♋30'34	0.27126 AU
morning rise	-10594 Sep 24 j 19:30	10°♋55'52	
direct	-10594 Oct 09 j 18:44	6°♋22'43	
asc. node	-10594 Oct 16 j 07:20	7°♋13'20	
greatest brilliancy	-10594 Oct 19 j 05:25	8°♋06'07	-4.8m
	-10594 Nov 19 j 20:23	0°♌	
morning max el	-10594 Nov 28 j 07:56	8°♌02'55	46°09'59
	-10594 Dec 19 j 15:08	0°♍	
	-10593 Jan 15 j 20:05	0°♎	
desc. node	-10593 Feb 06 j 11:35	24°♎45'11	
	-10593 Feb 11 j 00:05	0°♏	
	-10593 Mar 08 j 11:15	0°♐	
	-10593 Apr 02 j 08:32	0°♑	
	-10593 Apr 26 j 18:31	0°♒	
	-10593 May 20 j 20:03	0°♓	
morning set	-10593 May 23 j 08:54	3°♓10'49	
asc. node	-10593 May 28 j 20:25	10°♓03'47	
	-10593 Jun 13 j 16:08	0°♈	
superior conj	-10593 Jun 30 j 12:00	21°♈16'00	1°06'05
minimum elong	-10593 Jun 30 j 02:13	20°♈45'03	1°05'57
max. Earth dist.	-10593 Jun 30 j 07:13	21°♈00'50	1.70805 AU
	-10593 Jul 07 j 09:45	0°♉	
	-10593 Jul 31 j 03:45	0°♊	
evening rise	-10593 Aug 10 j 06:45	12°♊44'58	
	-10593 Aug 24 j 00:39	0°♋	
	-10593 Sep 17 j 02:10	0°♌	
desc. node	-10593 Sep 18 j 21:42	2°♌15'02	
	-10593 Oct 11 j 09:06	0°♍	
	-10593 Nov 04 j 22:20	0°♎	
	-10593 Nov 29 j 20:50	0°♏	
	-10593 Dec 25 j 12:20	0°♐	
asc. node	-10592 Jan 08 j 12:32	15°♐47'33	
	-10592 Jan 21 j 14:54	0°♑	
evening max el	-10592 Feb 10 j 14:26	20°♑06'42	44°59'42
	-10592 Feb 21 j 15:17	0°♒	
greatest brilliancy	-10592 Mar 19 j 17:02	17°♒05'29	-4.7m
retrograde	-10592 Mar 29 j 16:53	18°♒50'33	
evening set	-10592 Apr 13 j 19:08	14°♒37'45	
inferior conj	-10592 Apr 19 j 19:47	11°♒10'23	2°33'45
minimum elong	-10592 Apr 20 j 01:16	11°♒02'09	2°31'44
min. Earth dist.	-10592 Apr 20 j 21:46	10°♒31'23	0.27695 AU
morning rise	-10592 Apr 26 j 06:19	7°♒27'31	
desc. node	-10592 Apr 30 j 20:23	5°♒19'17	
direct	-10592 May 11 j 06:09	3°♒13'07	
greatest brilliancy	-10592 May 22 j 22:29	5°♒40'38	-4.8m
	-10592 Jun 24 j 22:56	0°♓	
morning max el	-10592 Jun 30 j 14:21	5°♓33'55	46°39'51
	-10592 Jul 23 j 07:36	0°♈	
	-10592 Aug 18 j 00:15	0°♉	
asc. node	-10592 Aug 20 j 10:20	2°♉54'04	
	-10592 Sep 11 j 17:53	0°♊	
	-10592 Oct 06 j 04:10	0°♋	
	-10592 Oct 30 j 14:45	0°♌	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10592 Nov 24 j 04:12	0°♍	
desc. node	-10592 Dec 11 j 10:56	21°♍02'30	
	-10592 Dec 18 j 19:36	0°♎	
morning set	-10591 Jan 05 j 16:00	21°♎44'46	
	-10591 Jan 12 j 10:22	0°♏	
	-10591 Feb 05 j 22:29	0°♐	
max. Earth dist.	-10591 Feb 07 j 22:44	2°♐28'05	1.73710 AU
superior conj	-10591 Feb 11 j 04:50	6°♐27'57	-1°19'51
minimum elong	-10591 Feb 11 j 07:14	6°♐35'17	1°20'22
	-10591 Mar 02 j 07:29	0°♑	
evening rise	-10591 Mar 18 j 08:17	19°♑47'52	
	-10591 Mar 26 j 14:17	0°♒	
asc. node	-10591 Apr 01 j 20:27	7°♒44'27	
	-10591 Apr 19 j 20:13	0°♓	
	-10591 May 14 j 02:31	0°♈	
	-10591 Jun 07 j 10:40	0°♉	
	-10591 Jul 01 j 23:17	0°♊	
desc. node	-10591 Jul 24 j 01:13	26°♊37'32	
	-10591 Jul 26 j 21:08	0°♋	
	-10591 Aug 21 j 13:41	0°♌	
	-10591 Sep 18 j 03:10	0°♍	
evening max el	-10591 Sep 18 j 09:57	0°♍17'18	46°57'03
	-10591 Oct 24 j 20:39	0°♎	
greatest brilliancy	-10591 Oct 28 j 02:03	1°♎26'31	-4.8m
retrograde	-10591 Nov 08 j 01:46	3°♎44'35	
asc. node	-10591 Nov 12 j 18:04	3°♎17'08	
	-10591 Nov 21 j 13:44	30°℞♍	
evening set	-10591 Nov 23 j 04:55	29°♍05'52	
min. Earth dist.	-10591 Nov 28 j 15:10	25°♍43'39	0.28770 AU
inferior conj	-10591 Nov 29 j 06:24	25°♍18'56	3°42'34
minimum elong	-10591 Nov 28 j 23:31	25°♍30'07	3°40'53
morning rise	-10591 Dec 04 j 18:46	21°♍51'55	
direct	-10591 Dec 20 j 13:21	16°♍58'10	
greatest brilliancy	-10591 Dec 29 j 11:36	18°♍25'54	-4.7m
	-10590 Jan 18 j 23:43	0°♎	
morning max el	-10590 Feb 07 j 05:09	16°♎31'56	45°57'50
	-10590 Feb 20 j 20:50	0°♏	
desc. node	-10590 Mar 05 j 23:57	13°♏47'25	
	-10590 Mar 20 j 17:56	0°♐	
	-10590 Apr 15 j 19:55	0°♑	
	-10590 May 10 j 21:12	0°♒	
	-10590 Jun 04 j 06:30	0°♓	
greatest brilliancy	-10590 Jun 24 j 13:21	25°♓22'15	-3.9m
asc. node	-10590 Jun 25 j 10:07	26°♓27'29	
	-10590 Jun 28 j 05:40	0°♈	
	-10590 Jul 21 j 23:34	0°♉	
morning set	-10590 Aug 05 j 03:04	17°♉54'30	
	-10590 Aug 14 j 16:29	0°♊	
	-10590 Sep 07 j 11:51	0°♋	
superior conj	-10590 Sep 16 j 04:56	10°♋55'25	1°01'12
minimum elong	-10590 Sep 16 j 16:53	11°♋32'49	1°01'25
max. Earth dist.	-10590 Sep 23 j 12:24	20°♋03'51	1.71573 AU
	-10590 Oct 01 j 11:39	0°♌	
desc. node	-10590 Oct 16 j 10:15	18°♌33'40	
	-10590 Oct 25 j 16:08	0°♍	
evening rise	-10590 Oct 29 j 05:28	4°♍23'30	
	-10590 Nov 19 j 00:30	0°♎	
	-10590 Dec 13 j 12:17	0°♏	
	-10589 Jan 07 j 04:49	0°♐	
	-10589 Feb 01 j 05:37	0°♑	
asc. node	-10589 Feb 04 j 23:12	4°♑25'25	
	-10589 Feb 26 j 20:22	0°♒	
	-10589 Mar 25 j 10:37	0°♓	
	-10589 Apr 23 j 02:07	0°♈	
evening max el	-10589 Apr 24 j 16:00	1°♈32'19	46°27'20
desc. node	-10589 May 29 j 06:53	28°♈45'58	
	-10589 May 31 j 22:11	0°♉	
greatest brilliancy	-10589 Jun 04 j 04:07	1°♉15'25	-4.9m
retrograde	-10589 Jun 13 j 17:08	2°♉56'31	
	-10589 Jun 25 j 23:17	30°℞♈	
evening set	-10589 Jun 29 j 20:48	28°♈00'23	
inferior conj	-10589 Jul 04 j 11:27	25°♈19'07	-7°32'19
minimum elong	-10589 Jul 04 j 02:00	25°♈33'14	7°30'35
min. Earth dist.	-10589 Jul 04 j 00:22	25°♈35'41	0.26488 AU
morning rise	-10589 Jul 08 j 07:09	23°♈04'24	
direct	-10589 Jul 24 j 18:56	17°♈49'43	
greatest brilliancy	-10589 Aug 04 j 05:33	19°♈53'11	-4.9m
	-10589 Aug 21 j 05:27	0°♉	
morning max el	-10589 Sep 13 j 09:04	21°♉09'59	46°37'06
asc. node	-10589 Sep 17 j 22:21	25°♉52'49	
	-10589 Sep 21 j 19:38	0°♊	
	-10589 Oct 18 j 16:01	0°♋	
	-10589 Nov 13 j 08:54	0°♌	
	-10589 Dec 08 j 17:31	0°♍	
	-10588 Jan 02 j 22:30	0°♎	
desc. node	-10588 Jan 09 j 00:29	7°♎15'56	
	-10588 Jan 27 j 23:08	0°♏	
	-10588 Feb 21 j 17:37	0°♐	
morning set	-10588 Mar 13 j 23:42	26°♐01'17	
	-10588 Mar 17 j 05:15	0°♑	
	-10588 Apr 10 j 10:47	0°♒	
max. Earth dist.	-10588 Apr 13 j 19:38	4°♒11'27	1.72441 AU
superior conj	-10588 Apr 18 j 03:36	9°♒35'14	-0°25'40
minimum elong	-10588 Apr 18 j 08:24	9°♒50'10	0°25'57
asc. node	-10588 Apr 29 j 09:20	23°♒36'57	
	-10588 May 04 j 11:54	0°♓	
evening rise	-10588 May 24 j 08:45	24°♓53'38	
	-10588 May 28 j 10:27	0°♈	
	-10588 Jun 21 j 08:24	0°♉	
	-10588 Jul 15 j 07:54	0°♊	
	-10588 Aug 08 j 11:15	0°♋	
desc. node	-10588 Aug 20 j 12:05	14°♋50'40	
	-10588 Sep 01 j 21:00	0°♌	
	-10588 Sep 26 j 16:46	0°♍	
	-10588 Oct 22 j 06:19	0°♎	
	-10588 Nov 18 j 11:56	0°♏	
evening max el	-10588 Nov 27 j 21:41	9°♏31'31	45°17'28
asc. node	-10588 Dec 10 j 04:33	20°♏53'40	
	-10588 Dec 21 j 18:37	0°♐	
greatest brilliancy	-10587 Jan 04 j 09:15	7°♐29'45	-4.7m
retrograde	-10587 Jan 15 j 10:58	9°♐42'30	
evening set	-10587 Feb 02 j 00:52	3°♐50'36	
inferior conj	-10587 Feb 05 j 21:18	1°♐27'22	8°04'50
minimum elong	-10587 Feb 05 j 21:40	1°♐26'48	8°04'21
min. Earth dist.	-10587 Feb 06 j 12:11	1°♐03'55	0.29558 AU
	-10587 Feb 08 j 04:58	30°℞♏	
morning rise	-10587 Feb 09 j 18:21	29°♏02'41	
direct	-10587 Feb 27 j 21:50	22°♏55'00	
greatest brilliancy	-10587 Mar 10 j 06:58	24°♏50'42	-4.7m
	-10587 Mar 20 j 19:33	0°♐	
desc. node	-10587 Apr 02 j 11:36	9°♐06'12	
morning max el	-10587 Apr 18 j 07:59	23°♐18'40	46°14'08
	-10587 Apr 25 j 02:03	0°♑	
	-10587 May 22 j 19:29	0°♒	
	-10587 Jun 17 j 10:11	0°♓	
	-10587 Jul 12 j 00:31	0°♈	
asc. node	-10587 Jul 22 j 23:33	13°♈35'53	
	-10587 Aug 05 j 02:29	0°♉	
	-10587 Aug 28 j 23:44	0°♊	
	-10587 Sep 21 j 21:42	0°♋	
	-10587 Oct 15 j 23:35	0°♌	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning set	-10587 Oct 22 j 01:06	7♌30'53	
	-10587 Nov 09 j 06:00	0♍	
desc. node	-10587 Nov 12 j 23:28	4♍35'28	
superior conj	-10587 Dec 02 j 02:53	28♍07'21	-0°41'10
minimum elong	-10587 Dec 01 j 18:31	27♍41'42	0°40'44
max. Earth dist.	-10587 Dec 03 j 15:36	0♎00'05	1.73391 AU
	-10587 Dec 03 j 15:34	0♎	
	-10587 Dec 28 j 02:20	0♏	
evening rise	-10586 Jan 08 j 22:38	14♏32'03	
	-10586 Jan 21 j 13:19	0♐	
greatest brilliancy	-10586 Jan 29 j 20:35	10♐10'36	-3.9m
	-10586 Feb 15 j 01:18	0♑	
asc. node	-10586 Mar 04 j 10:34	21♑12'34	
	-10586 Mar 11 j 16:05	0♒	
	-10586 Apr 05 j 11:40	0♓	
	-10586 Apr 30 j 14:15	0♈	
	-10586 May 26 j 04:33	0♉	
	-10586 Jun 21 j 20:06	0♊	
desc. node	-10586 Jun 25 j 17:01	4♊10'52	
evening max el	-10586 Jul 07 j 03:40	16♊07'51	47°50'26
	-10586 Jul 21 j 15:51	0♋	
greatest brilliancy	-10586 Aug 17 j 17:10	18♋06'39	-4.9m
retrograde	-10586 Aug 27 j 06:46	19♋52'34	
evening set	-10586 Sep 12 j 14:45	14♋29'55	
min. Earth dist.	-10586 Sep 16 j 12:16	12♋05'14	0.27084 AU
inferior conj	-10586 Sep 17 j 00:23	11♋46'05	-6°17'40
minimum elong	-10586 Sep 17 j 10:17	11♋30'28	6°14'54
morning rise	-10586 Sep 22 j 06:22	8♋34'43	
direct	-10586 Oct 07 j 08:32	3♋58'34	
asc. node	-10586 Oct 15 j 09:38	5♋14'33	
greatest brilliancy	-10586 Oct 16 j 18:53	5♋41'44	-4.9m
	-10586 Nov 19 j 23:05	0♌	
morning max el	-10586 Nov 25 j 22:28	5♌44'20	46°10'44
	-10586 Dec 19 j 08:27	0♍	
	-10585 Jan 15 j 10:17	0♎	
desc. node	-10585 Feb 05 j 13:34	24♎13'32	
	-10585 Feb 10 j 12:47	0♏	
	-10585 Mar 07 j 23:06	0♐	
	-10585 Apr 01 j 19:54	0♑	
	-10585 Apr 26 j 05:39	0♒	
	-10585 May 20 j 07:08	0♓	
morning set	-10585 May 21 j 01:38	0♓58'00	
asc. node	-10585 May 27 j 22:41	9♓36'05	
	-10585 Jun 13 j 03:17	0♈	
max. Earth dist.	-10585 Jun 27 j 08:57	17♈59'17	1.70838 AU
superior conj	-10585 Jun 28 j 01:13	18♈50'41	1°03'50
minimum elong	-10585 Jun 27 j 15:21	18♈19'30	1°03'40
	-10585 Jul 06 j 20:59	0♉	
	-10585 Jul 30 j 15:06	0♊	
evening rise	-10585 Aug 07 j 15:01	10♊04'08	
	-10585 Aug 23 j 12:07	0♋	
	-10585 Sep 16 j 13:45	0♌	
desc. node	-10585 Sep 17 j 23:55	1♌45'57	
	-10585 Oct 10 j 20:52	0♍	
	-10585 Nov 04 j 10:25	0♎	
	-10585 Nov 29 j 09:34	0♏	
	-10585 Dec 25 j 02:30	0♐	
asc. node	-10584 Jan 07 j 14:43	15♐10'30	
	-10584 Jan 21 j 08:35	0♑	
evening max el	-10584 Feb 08 j 04:14	17♑50'35	44°58'22
	-10584 Feb 21 j 22:37	0♒	
greatest brilliancy	-10584 Mar 17 j 06:56	14♒50'10	-4.7m
retrograde	-10584 Mar 27 j 06:01	16♒35'07	
evening set	-10584 Apr 11 j 11:05	12♒19'04	
inferior conj	-10584 Apr 17 j 09:56	8♒54'05	2°53'23
minimum elong	-10584 Apr 17 j 16:01	8♒44'57	2°51'14
min. Earth dist.	-10584 Apr 18 j 13:14	8♒13'05	0.27769 AU
morning rise	-10584 Apr 23 j 19:47	5♒11'34	
desc. node	-10584 Apr 29 j 22:37	2♒28'16	
direct	-10584 May 08 j 20:36	0♒55'08	
greatest brilliancy	-10584 May 20 j 14:19	3♒23'21	-4.8m
	-10584 Jun 24 j 23:35	0♓	
morning max el	-10584 Jun 28 j 03:45	3♓09'26	46°39'15
	-10584 Jul 23 j 00:35	0♈	
	-10584 Aug 17 j 14:41	0♉	
asc. node	-10584 Aug 19 j 12:30	2♉17'38	
	-10584 Sep 11 j 07:06	0♊	
	-10584 Oct 05 j 16:41	0♋	
	-10584 Oct 30 j 02:47	0♌	
	-10584 Nov 23 j 15:52	0♍	
desc. node	-10584 Dec 10 j 13:03	20♍34'09	
	-10584 Dec 18 j 06:57	0♎	
morning set	-10583 Jan 03 j 08:14	19♎33'45	
	-10583 Jan 11 j 21:31	0♏	
	-10583 Feb 05 j 09:32	0♐	
max. Earth dist.	-10583 Feb 05 j 18:24	0♐27'12	1.73730 AU
superior conj	-10583 Feb 09 j 00:06	4♐25'48	-1°20'16
minimum elong	-10583 Feb 09 j 01:56	4♐31'25	1°20'46
	-10583 Mar 01 j 18:33	0♑	
evening rise	-10583 Mar 16 j 04:05	17♑46'21	
	-10583 Mar 26 j 01:29	0♒	
asc. node	-10583 Mar 31 j 22:45	7♒16'48	
	-10583 Apr 19 j 07:40	0♓	
	-10583 May 13 j 14:19	0♈	
	-10583 Jun 06 j 22:58	0♉	
	-10583 Jul 01 j 12:20	0♊	
desc. node	-10583 Jul 23 j 03:16	26♊01'53	
	-10583 Jul 26 j 11:19	0♋	
	-10583 Aug 21 j 06:01	0♌	
evening max el	-10583 Sep 16 j 00:46	27♌57'16	47°00'31
	-10583 Sep 18 j 01:17	0♍	
greatest brilliancy	-10583 Oct 25 j 20:14	29♍14'26	-4.8m
	-10583 Oct 27 j 21:57	0♎	
retrograde	-10583 Nov 05 j 18:40	1♎31'57	
asc. node	-10583 Nov 11 j 20:26	0♎45'27	
	-10583 Nov 14 j 07:43	30♍℞	
evening set	-10583 Nov 20 j 20:45	26♍54'30	
inferior conj	-10583 Nov 26 j 23:14	23♍06'31	3°25'25
minimum elong	-10583 Nov 26 j 16:46	23♍17'00	3°23'50
min. Earth dist.	-10583 Nov 26 j 07:57	23♍31'17	0.28711 AU
morning rise	-10583 Dec 02 j 13:24	19♍36'58	
direct	-10583 Dec 18 j 04:45	14♍46'28	
greatest brilliancy	-10583 Dec 27 j 03:59	16♍15'03	-4.7m
	-10582 Jan 19 j 11:11	0♎	
morning max el	-10582 Feb 04 j 21:02	14♎21'41	45°57'49
	-10582 Feb 20 j 15:23	0♏	
desc. node	-10582 Mar 05 j 02:13	13♏09'34	
	-10582 Mar 20 j 08:35	0♐	
	-10582 Apr 15 j 08:57	0♑	
	-10582 May 10 j 09:25	0♒	
	-10582 Jun 03 j 18:17	0♓	
asc. node	-10582 Jun 24 j 12:13	25♓57'45	
greatest brilliancy	-10582 Jun 25 j 20:16	27♓38'33	-3.9m
	-10582 Jun 27 j 17:13	0♈	
	-10582 Jul 21 j 11:00	0♉	
morning set	-10582 Aug 02 j 13:32	15♉19'31	
	-10582 Aug 14 j 03:54	0♊	
	-10582 Sep 06 j 23:17	0♋	
superior conj	-10582 Sep 13 j 13:18	8♋15'33	1°03'50
minimum elong	-10582 Sep 14 j 01:08	8♋52'37	1°04'05

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

max. Earth dist.	-10582 Sep 20 j 17:14	17°♋13'22	1.71512 AU
	-10582 Sep 30 j 23:05	0°♌	
desc. node	-10582 Oct 15 j 12:28	18°♌05'06	
	-10582 Oct 25 j 03:34	0°♍	
evening rise	-10582 Oct 26 j 16:01	1°♍52'34	
	-10582 Nov 18 j 11:57	0°♎	
	-10582 Dec 12 j 23:54	0°♏	
	-10581 Jan 06 j 16:48	0°♐	
	-10581 Jan 31 j 18:20	0°♑	
asc. node	-10581 Feb 04 j 01:26	3°♑53'58	
	-10581 Feb 26 j 10:30	0°♒	
	-10581 Mar 25 j 03:34	0°♓	
evening max el	-10581 Apr 22 j 05:25	29°♓09'02	46°23'34
	-10581 Apr 23 j 02:33	0°♈	
desc. node	-10581 May 28 j 09:09	27°♈02'00	
greatest brilliancy	-10581 Jun 01 j 14:18	28°♈43'23	-4.9m
	-10581 Jun 06 j 11:29	0°♉	
retrograde	-10581 Jun 11 j 05:20	0°♉25'52	
	-10581 Jun 15 j 20:46	30°℞♈	
evening set	-10581 Jun 27 j 04:15	25°♈35'41	
inferior conj	-10581 Jul 01 j 23:05	22°♈48'56	-7°18'56
minimum elong	-10581 Jul 01 j 13:16	23°♈03'34	7°17'02
min. Earth dist.	-10581 Jul 01 j 12:18	23°♈04'59	0.26489 AU
morning rise	-10581 Jul 05 j 22:15	20°♈29'47	
direct	-10581 Jul 22 j 07:36	15°♈19'32	
greatest brilliancy	-10581 Aug 01 j 18:32	17°♈23'46	-4.9m
	-10581 Aug 21 j 21:23	0°♉	
morning max el	-10581 Sep 10 j 22:49	18°♉43'21	46°37'47
asc. node	-10581 Sep 17 j 00:42	25°♉02'46	
	-10581 Sep 21 j 15:48	0°♊	
	-10581 Oct 18 j 07:46	0°♋	
	-10581 Nov 12 j 22:45	0°♌	
	-10581 Dec 08 j 06:18	0°♍	
	-10580 Jan 02 j 10:36	0°♎	
desc. node	-10580 Jan 08 j 02:30	6°♎46'12	
	-10580 Jan 27 j 10:46	0°♏	
	-10580 Feb 21 j 04:57	0°♐	
morning set	-10580 Mar 11 j 19:00	23°♐58'40	
	-10580 Mar 16 j 16:25	0°♑	
	-10580 Apr 09 j 21:57	0°♒	
max. Earth dist.	-10580 Apr 11 j 13:51	2°♒04'04	1.72500 AU
superior conj	-10580 Apr 15 j 22:13	7°♒28'49	-0°28'32
minimum elong	-10580 Apr 16 j 03:27	7°♒45'08	0°28'49
asc. node	-10580 Apr 28 j 11:33	23°♒08'45	
	-10580 May 03 j 23:09	0°♓	
evening rise	-10580 May 22 j 01:21	22°♓39'25	
	-10580 May 27 j 21:53	0°♈	
	-10580 Jun 20 j 20:03	0°♉	
	-10580 Jul 14 j 19:46	0°♊	
	-10580 Aug 07 j 23:24	0°♋	
desc. node	-10580 Aug 19 j 14:25	14°♋19'50	
	-10580 Sep 01 j 09:35	0°♌	
	-10580 Sep 26 j 06:06	0°♍	
	-10580 Oct 21 j 21:16	0°♎	
	-10580 Nov 18 j 07:10	0°♏	
evening max el	-10580 Nov 25 j 14:27	7°♏21'24	45°19'52
asc. node	-10580 Dec 09 j 06:44	19°♏56'03	
	-10580 Dec 22 j 16:12	0°♐	
greatest brilliancy	-10579 Jan 02 j 01:49	5°♐22'37	-4.7m
retrograde	-10579 Jan 13 j 04:08	7°♐35'50	
evening set	-10579 Jan 30 j 17:33	1°♐44'20	
	-10579 Feb 02 j 13:04	30°℞♏	
inferior conj	-10579 Feb 03 j 14:28	29°♏19'54	8°04'57
minimum elong	-10579 Feb 03 j 14:11	29°♏20'22	8°04'29
min. Earth dist.	-10579 Feb 04 j 03:45	28°♏58'54	0.29578 AU
morning rise	-10579 Feb 07 j 10:44	26°♏56'05	
direct	-10579 Feb 25 j 15:24	20°♏47'24	
greatest brilliancy	-10579 Mar 07 j 21:30	22°♏40'32	-4.7m
	-10579 Mar 21 j 20:22	0°♐	
desc. node	-10579 Apr 01 j 13:51	8°♐05'52	
morning max el	-10579 Apr 16 j 00:05	21°♐07'14	46°13'06
	-10579 Apr 24 j 22:00	0°♑	
	-10579 May 22 j 10:48	0°♒	
	-10579 Jun 16 j 23:42	0°♓	
	-10579 Jul 11 j 13:11	0°♈	
asc. node	-10579 Jul 22 j 01:39	13°♈03'49	
	-10579 Aug 04 j 14:39	0°♉	
	-10579 Aug 28 j 11:35	0°♊	
	-10579 Sep 21 j 09:19	0°♋	
	-10579 Oct 15 j 11:00	0°♌	
morning set	-10579 Oct 19 j 12:16	5°♌01'32	
	-10579 Nov 08 j 17:17	0°♍	
desc. node	-10579 Nov 12 j 01:33	4°♍07'15	
superior conj	-10579 Nov 29 j 17:00	25°♍48'58	-0°38'12
minimum elong	-10579 Nov 29 j 09:00	25°♍24'26	0°37'47
max. Earth dist.	-10579 Dec 01 j 13:49	28°♍06'39	1.73351 AU
	-10579 Dec 03 j 02:44	0°♎	
	-10579 Dec 27 j 13:27	0°♏	
evening rise	-10578 Jan 06 j 16:40	12°♏25'57	
	-10578 Jan 21 j 00:31	0°♐	
greatest brilliancy	-10578 Jan 29 j 06:08	10°♐05'20	-3.9m
	-10578 Feb 14 j 12:44	0°♑	
asc. node	-10578 Mar 03 j 12:53	20°♑43'57	
	-10578 Mar 11 j 03:58	0°♒	
	-10578 Apr 05 j 00:16	0°♓	
	-10578 Apr 30 j 03:59	0°♈	
	-10578 May 25 j 20:08	0°♉	
	-10578 Jun 21 j 15:29	0°♊	
desc. node	-10578 Jun 24 j 19:09	3°♊22'35	
evening max el	-10578 Jul 04 j 18:38	13°♊44'58	47°49'29
	-10578 Jul 22 j 00:43	0°♋	
greatest brilliancy	-10578 Aug 15 j 08:22	15°♋40'59	-4.9m
retrograde	-10578 Aug 24 j 20:31	17°♋25'16	
evening set	-10578 Sep 10 j 07:43	11°♋59'12	
min. Earth dist.	-10578 Sep 14 j 02:15	9°♋39'00	0.27040 AU
inferior conj	-10578 Sep 14 j 14:11	9°♋20'09	-6°33'40
minimum elong	-10578 Sep 15 j 00:05	9°♋04'31	6°30'59
morning rise	-10578 Sep 19 j 16:57	6°♋13'17	
direct	-10578 Oct 04 j 21:51	1°♋33'58	
asc. node	-10578 Oct 14 j 11:52	3°♋20'08	
greatest brilliancy	-10578 Oct 14 j 08:48	3°♋17'26	-4.9m
	-10578 Nov 20 j 00:23	0°♌	
morning max el	-10578 Nov 23 j 11:59	3°♌22'59	46°11'38
	-10578 Dec 19 j 01:24	0°♍	
	-10577 Jan 15 j 00:22	0°♎	
desc. node	-10577 Feb 04 j 15:49	23°♎42'44	
	-10577 Feb 10 j 01:27	0°♏	
	-10577 Mar 07 j 11:00	0°♐	
	-10577 Apr 01 j 07:23	0°♑	
	-10577 Apr 25 j 16:56	0°♒	
morning set	-10577 May 18 j 18:18	28°♒44'39	
	-10577 May 19 j 18:21	0°♓	
asc. node	-10577 May 27 j 00:47	9°♓07'29	
	-10577 Jun 12 j 14:30	0°♈	
max. Earth dist.	-10577 Jun 24 j 13:44	15°♈07'09	1.70872 AU
superior conj	-10577 Jun 25 j 14:27	16°♈25'13	1°01'28
minimum elong	-10577 Jun 25 j 04:34	15°♈53'59	1°01'15
	-10577 Jul 06 j 08:17	0°♉	
	-10577 Jul 30 j 02:29	0°♊	
evening rise	-10577 Aug 04 j 23:31	7°♊23'58	
	-10577 Aug 22 j 23:37	0°♋	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10577 Sep 16 j 01:23	0°♌	
desc. node	-10577 Sep 17 j 02:07	1°♌16'44	
	-10577 Oct 10 j 08:38	0°♍	
	-10577 Nov 03 j 22:29	0°♎	
	-10577 Nov 28 j 22:16	0°♏	
	-10577 Dec 24 j 16:41	0°♐	
asc. node	-10576 Jan 06 j 16:58	14°♐33'45	
	-10576 Jan 21 j 02:33	0°♑	
evening max el	-10576 Feb 05 j 17:40	15°♑34'03	44°57'00
	-10576 Feb 22 j 08:33	0°♒	
greatest brilliancy	-10576 Mar 14 j 20:16	12°♒34'27	-4.7m
retrograde	-10576 Mar 24 j 19:38	14°♒20'03	
evening set	-10576 Apr 09 j 03:08	10°♒00'16	
inferior conj	-10576 Apr 15 j 00:05	6°♒37'50	3°12'44
minimum elong	-10576 Apr 15 j 06:44	6°♒27'51	3°10'27
min. Earth dist.	-10576 Apr 16 j 04:33	5°♒55'06	0.27851 AU
morning rise	-10576 Apr 21 j 09:07	2°♒56'09	
	-10576 Apr 28 j 01:44	30°℞♑	
desc. node	-10576 Apr 29 j 00:47	29°♑42'09	
direct	-10576 May 06 j 11:12	28°♑37'00	
	-10576 May 15 j 03:44	0°♒	
greatest brilliancy	-10576 May 18 j 06:24	1°♒06'27	-4.8m
	-10576 Jun 24 j 23:12	0°♓	
morning max el	-10576 Jun 25 j 17:59	0°♓47'03	46°38'47
	-10576 Jul 22 j 17:17	0°♈	
	-10576 Aug 17 j 04:56	0°♉	
asc. node	-10576 Aug 18 j 14:51	1°♉42'09	
	-10576 Sep 10 j 20:09	0°♊	
	-10576 Oct 05 j 05:03	0°♋	
	-10576 Oct 29 j 14:40	0°♌	
	-10576 Nov 23 j 03:22	0°♍	
desc. node	-10576 Dec 09 j 15:06	20°♍06'05	
	-10576 Dec 17 j 18:08	0°♎	
morning set	-10575 Jan 01 j 00:40	17°♎23'49	
	-10575 Jan 11 j 08:28	0°♏	
max. Earth dist.	-10575 Feb 03 j 16:01	28°♏32'59	1.73749 AU
	-10575 Feb 04 j 20:22	0°♐	
superior conj	-10575 Feb 06 j 19:40	2°♐25'14	-1°20'33
minimum elong	-10575 Feb 06 j 20:56	2°♐29'06	1°21'03
	-10575 Mar 01 j 05:25	0°♑	
evening rise	-10575 Mar 14 j 00:12	15°♑46'33	
	-10575 Mar 25 j 12:31	0°♒	
asc. node	-10575 Mar 31 j 00:57	6°♒49'18	
	-10575 Apr 18 j 19:00	0°♓	
	-10575 May 13 j 02:04	0°♈	
	-10575 Jun 06 j 11:16	0°♉	
	-10575 Jul 01 j 01:21	0°♊	
desc. node	-10575 Jul 22 j 05:37	25°♊27'15	
	-10575 Jul 26 j 01:30	0°♋	
	-10575 Aug 20 j 22:26	0°♌	
evening max el	-10575 Sep 13 j 16:14	25°♌39'31	47°04'06
	-10575 Sep 17 j 23:59	0°♍	
greatest brilliancy	-10575 Oct 23 j 14:04	27°♍02'37	-4.8m
retrograde	-10575 Nov 03 j 12:10	29°♍20'13	
asc. node	-10575 Nov 10 j 22:38	28°♍10'03	
evening set	-10575 Nov 18 j 12:50	24°♍43'43	
min. Earth dist.	-10575 Nov 24 j 00:32	21°♍20'04	0.28649 AU
inferior conj	-10575 Nov 24 j 16:09	20°♍54'50	3°07'51
minimum elong	-10575 Nov 24 j 10:07	21°♍04'34	3°06'24
morning rise	-10575 Nov 30 j 08:04	17°♍23'05	
direct	-10575 Dec 15 j 20:32	12°♍35'35	
greatest brilliancy	-10575 Dec 24 j 20:05	14°♍04'48	-4.7m
	-10574 Jan 19 j 19:16	0°♎	
morning max el	-10574 Feb 02 j 13:52	12°♎14'44	45°57'56
	-10574 Feb 20 j 09:06	0°♏	
desc. node	-10574 Mar 04 j 04:25	12°♏32'55	
	-10574 Mar 19 j 22:42	0°♐	
	-10574 Apr 14 j 21:34	0°♑	
	-10574 May 09 j 21:19	0°♒	
	-10574 Jun 03 j 05:49	0°♓	
asc. node	-10574 Jun 23 j 14:24	25°♓28'50	
greatest brilliancy	-10574 Jun 26 j 20:09	29°♓33'30	-3.9m
	-10574 Jun 27 j 04:34	0°♈	
	-10574 Jul 20 j 22:18	0°♉	
morning set	-10574 Jul 30 j 23:53	12°♉44'40	
	-10574 Aug 13 j 15:10	0°♊	
	-10574 Sep 06 j 10:31	0°♋	
superior conj	-10574 Sep 10 j 21:23	5°♋35'18	1°06'21
minimum elong	-10574 Sep 11 j 08:58	6°♋11'36	1°06'36
max. Earth dist.	-10574 Sep 17 j 23:57	14°♋29'20	1.71447 AU
	-10574 Sep 30 j 10:17	0°♌	
desc. node	-10574 Oct 14 j 14:34	17°♌36'57	
evening rise	-10574 Oct 24 j 02:21	29°♌21'45	
	-10574 Oct 24 j 14:44	0°♍	
	-10574 Nov 17 j 23:09	0°♎	
	-10574 Dec 12 j 11:15	0°♏	
	-10573 Jan 06 j 04:30	0°♐	
	-10573 Jan 31 j 06:45	0°♑	
asc. node	-10573 Feb 03 j 03:49	3°♑24'01	
	-10573 Feb 26 j 00:19	0°♒	
	-10573 Mar 24 j 20:21	0°♓	
evening max el	-10573 Apr 19 j 19:24	26°♓48'42	46°19'39
	-10573 Apr 23 j 03:35	0°♈	
desc. node	-10573 May 27 j 11:16	25°♈14'59	
greatest brilliancy	-10573 May 30 j 00:21	26°♈12'39	-4.9m
retrograde	-10573 Jun 08 j 17:25	27°♈56'10	
evening set	-10573 Jun 24 j 11:49	23°♈12'02	
inferior conj	-10573 Jun 29 j 10:43	20°♈19'41	-7°04'30
minimum elong	-10573 Jun 29 j 00:37	20°♈34'43	7°02'29
min. Earth dist.	-10573 Jun 29 j 00:17	20°♈35'12	0.26497 AU
morning rise	-10573 Jul 03 j 13:25	17°♈55'48	
direct	-10573 Jul 19 j 20:35	12°♈50'19	
greatest brilliancy	-10573 Jul 30 j 07:23	14°♈54'40	-4.9m
	-10573 Aug 22 j 09:09	0°♉	
morning max el	-10573 Sep 08 j 12:12	16°♉16'10	46°38'22
asc. node	-10573 Sep 16 j 02:53	24°♉13'30	
	-10573 Sep 21 j 11:14	0°♊	
	-10573 Oct 17 j 23:07	0°♋	
	-10573 Nov 12 j 12:13	0°♌	
	-10573 Dec 07 j 18:42	0°♍	
	-10572 Jan 01 j 22:19	0°♎	
desc. node	-10572 Jan 07 j 04:45	6°♎18'13	
	-10572 Jan 26 j 22:02	0°♏	
	-10572 Feb 20 j 15:55	0°♐	
morning set	-10572 Mar 09 j 14:43	21°♐58'28	
	-10572 Mar 16 j 03:13	0°♑	
	-10572 Apr 09 j 08:42	0°♒	
max. Earth dist.	-10572 Apr 09 j 07:31	29°♑56'19	1.72555 AU
superior conj	-10572 Apr 13 j 17:26	5°♒25'40	-0°31'20
minimum elong	-10572 Apr 13 j 23:04	5°♒43'12	0°31'35
asc. node	-10572 Apr 27 j 13:42	22°♒41'42	
	-10572 May 03 j 10:00	0°♓	
evening rise	-10572 May 19 j 18:33	20°♓28'29	
	-10572 May 27 j 08:55	0°♈	
	-10572 Jun 20 j 07:21	0°♉	
	-10572 Jul 14 j 07:22	0°♊	
	-10572 Aug 07 j 11:20	0°♋	
desc. node	-10572 Aug 18 j 16:36	13°♋49'10	
	-10572 Aug 31 j 22:01	0°♌	
	-10572 Sep 25 j 19:21	0°♍	
	-10572 Oct 21 j 12:12	0°♎	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10572 Nov 18 j 02:41	0°♏	
evening max el	-10572 Nov 23 j 06:26	5°♏09'57	45°22'30
asc. node	-10572 Dec 08 j 09:01	18°♏58'18	
	-10572 Dec 23 j 21:26	0°♐	
greatest brilliancy	-10572 Dec 30 j 19:07	3°♐17'19	-4.7m
retrograde	-10571 Jan 10 j 21:05	5°♐30'28	
	-10571 Jan 27 j 20:37	30°℞♏	
evening set	-10571 Jan 28 j 10:11	29°♏39'45	
inferior conj	-10571 Feb 01 j 07:47	27°♏13'50	8°04'28
minimum elong	-10571 Feb 01 j 06:50	27°♏15'20	8°04'00
min. Earth dist.	-10571 Feb 01 j 19:46	26°♏54'49	0.29590 AU
morning rise	-10571 Feb 05 j 03:26	24°♏50'29	
direct	-10571 Feb 23 j 08:40	18°♏41'13	
greatest brilliancy	-10571 Mar 05 j 12:31	20°♏32'08	-4.7m
	-10571 Mar 22 j 14:07	0°♐	
desc. node	-10571 Mar 31 j 15:57	7°♐07'48	
morning max el	-10571 Apr 13 j 15:32	18°♐55'31	46°12'16
	-10571 Apr 24 j 16:56	0°♑	
	-10571 May 22 j 01:29	0°♒	
	-10571 Jun 16 j 12:43	0°♓	
	-10571 Jul 11 j 01:23	0°♈	
asc. node	-10571 Jul 21 j 04:01	12°♈33'53	
	-10571 Aug 04 j 02:26	0°♉	
	-10571 Aug 27 j 23:08	0°♊	
	-10571 Sep 20 j 20:42	0°♋	
	-10571 Oct 14 j 22:15	0°♌	
morning set	-10571 Oct 16 j 22:48	2°♌30'40	
	-10571 Nov 08 j 04:23	0°♍	
desc. node	-10571 Nov 11 j 03:40	3°♍39'39	
superior conj	-10571 Nov 27 j 06:27	23°♍29'06	-0°35'09
minimum elong	-10571 Nov 26 j 22:54	23°♍05'56	0°34'42
max. Earth dist.	-10571 Nov 29 j 10:40	26°♍09'30	1.73303 AU
	-10571 Dec 02 j 13:43	0°♎	
	-10571 Dec 27 j 00:22	0°♏	
evening rise	-10570 Jan 04 j 10:16	10°♏19'14	
	-10570 Jan 20 j 11:29	0°♐	
greatest brilliancy	-10570 Jan 29 j 02:46	10°♐34'44	-3.9m
	-10570 Feb 13 j 23:56	0°♑	
asc. node	-10570 Mar 02 j 15:06	20°♑15'41	
	-10570 Mar 10 j 15:37	0°♒	
	-10570 Apr 04 j 12:39	0°♓	
	-10570 Apr 29 j 17:28	0°♈	
	-10570 May 25 j 11:30	0°♉	
	-10570 Jun 21 j 10:54	0°♊	
desc. node	-10570 Jun 23 j 21:31	2°♊35'34	
evening max el	-10570 Jul 02 j 08:29	11°♊20'31	47°48'21
	-10570 Jul 22 j 11:51	0°♋	
greatest brilliancy	-10570 Aug 12 j 23:42	13°♋16'33	-4.9m
retrograde	-10570 Aug 22 j 09:47	14°♋59'09	
evening set	-10570 Sep 08 j 00:41	9°♋29'25	
min. Earth dist.	-10570 Sep 11 j 16:28	7°♋13'30	0.27006 AU
inferior conj	-10570 Sep 12 j 04:02	6°♋55'15	-6°48'45
minimum elong	-10570 Sep 12 j 13:53	6°♋39'43	6°46'11
morning rise	-10570 Sep 17 j 03:29	3°♋53'06	
	-10570 Sep 26 j 03:19	30°℞♊	
direct	-10570 Oct 02 j 10:56	29°♊10'01	
	-10570 Oct 08 j 23:04	0°♋	
greatest brilliancy	-10570 Oct 11 j 23:20	0°♋54'25	-4.9m
asc. node	-10570 Oct 13 j 14:07	1°♋30'54	
	-10570 Nov 20 j 00:24	0°♌	
morning max el	-10570 Nov 21 j 01:18	1°♌01'03	46°12'26
	-10570 Dec 18 j 17:59	0°♍	
	-10569 Jan 14 j 14:14	0°♎	
desc. node	-10569 Feb 03 j 18:01	23°♎12'12	
	-10569 Feb 09 j 13:56	0°♏	
	-10569 Mar 06 j 22:43	0°♐	
	-10569 Mar 31 j 18:40	0°♑	
	-10569 Apr 25 j 04:01	0°♒	
morning set	-10569 May 16 j 11:17	26°♒32'58	
	-10569 May 19 j 05:22	0°♓	
asc. node	-10569 May 26 j 02:59	8°♓39'48	
	-10569 Jun 12 j 01:33	0°♈	
max. Earth dist.	-10569 Jun 21 j 22:03	12°♈26'49	1.70906 AU
superior conj	-10569 Jun 23 j 04:12	14°♈02'02	0°59'01
minimum elong	-10569 Jun 22 j 18:21	13°♈30'57	0°58'46
	-10569 Jul 05 j 19:22	0°♉	
	-10569 Jul 29 j 13:40	0°♊	
evening rise	-10569 Aug 02 j 08:47	4°♊46'53	
	-10569 Aug 22 j 10:54	0°♋	
	-10569 Sep 15 j 12:49	0°♌	
desc. node	-10569 Sep 16 j 04:13	0°♌47'46	
	-10569 Oct 09 j 20:17	0°♍	
	-10569 Nov 03 j 10:29	0°♎	
	-10569 Nov 28 j 11:01	0°♏	
	-10569 Dec 24 j 07:03	0°♐	
asc. node	-10568 Jan 05 j 19:23	13°♐57'05	
	-10568 Jan 20 j 20:59	0°♑	
evening max el	-10568 Feb 03 j 07:37	13°♑18'50	44°55'59
	-10568 Feb 22 j 21:51	0°♒	
greatest brilliancy	-10568 Mar 12 j 09:06	10°♒18'37	-4.7m
retrograde	-10568 Mar 22 j 09:52	12°♒05'26	
evening set	-10568 Apr 06 j 19:21	7°♒41'45	
inferior conj	-10568 Apr 12 j 14:16	4°♒21'54	3°31'37
minimum elong	-10568 Apr 12 j 21:26	4°♒11'08	3°29'12
min. Earth dist.	-10568 Apr 13 j 19:27	3°♒38'05	0.27931 AU
morning rise	-10568 Apr 18 j 22:21	0°♒41'29	
	-10568 Apr 20 j 06:18	30°℞♑	
desc. node	-10568 Apr 28 j 03:03	27°♑01'26	
direct	-10568 May 04 j 02:13	26°♑19'17	
greatest brilliancy	-10568 May 15 j 21:55	28°♑49'25	-4.8m
	-10568 May 18 j 14:08	0°♒	
morning max el	-10568 Jun 23 j 09:19	28°♒27'59	46°38'19
	-10568 Jun 24 j 21:45	0°♓	
	-10568 Jul 22 j 09:34	0°♈	
	-10568 Aug 16 j 18:55	0°♉	
asc. node	-10568 Aug 17 j 16:57	1°♉06'28	
	-10568 Sep 10 j 08:59	0°♊	
	-10568 Oct 04 j 17:14	0°♋	
	-10568 Oct 29 j 02:25	0°♌	
	-10568 Nov 22 j 14:47	0°♍	
desc. node	-10568 Dec 08 j 17:19	19°♍38'39	
	-10568 Dec 17 j 05:18	0°♎	
morning set	-10568 Dec 29 j 16:40	15°♎12'29	
	-10567 Jan 10 j 19:27	0°♏	
max. Earth dist.	-10567 Feb 01 j 14:05	26°♏39'54	1.73767 AU
	-10567 Feb 04 j 07:16	0°♐	
superior conj	-10567 Feb 04 j 14:46	0°♐23'01	-1°20'45
minimum elong	-10567 Feb 04 j 15:27	0°♐25'07	1°21'14
	-10567 Feb 28 j 16:21	0°♑	
evening rise	-10567 Mar 11 j 19:58	13°♑45'28	
	-10567 Mar 24 j 23:37	0°♒	
asc. node	-10567 Mar 30 j 03:06	6°♒21'28	
	-10567 Apr 18 j 06:22	0°♓	
	-10567 May 12 j 13:51	0°♈	
	-10567 Jun 05 j 23:38	0°♉	
	-10567 Jun 30 j 14:30	0°♊	
desc. node	-10567 Jul 21 j 07:52	24°♊52'03	
	-10567 Jul 25 j 15:50	0°♋	
	-10567 Aug 20 j 15:07	0°♌	
evening max el	-10567 Sep 11 j 08:36	23°♌24'11	47°07'40
	-10567 Sep 17 j 23:36	0°♍	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

greatest brilliancy	-10567 Oct 21 j 07:29	24°♍50'18	-4.8m
retrograde	-10567 Nov 01 j 05:54	27°♍08'09	
asc. node	-10567 Nov 10 j 00:54	25°♍29'44	
evening set	-10567 Nov 16 j 05:02	22°♍32'32	
min. Earth dist.	-10567 Nov 21 j 16:45	19°♍08'55	0.28589 AU
inferior conj	-10567 Nov 22 j 08:58	18°♍42'45	2°50'01
minimum elong	-10567 Nov 22 j 03:26	18°♍51'42	2°48'40
morning rise	-10567 Nov 28 j 02:36	15°♍08'59	
direct	-10567 Dec 13 j 12:47	10°♍24'26	
greatest brilliancy	-10567 Dec 22 j 11:37	11°♍53'38	-4.7m
	-10566 Jan 20 j 01:11	0°♎	
morning max el	-10566 Jan 31 j 06:57	10°♎08'01	45°57'49
	-10566 Feb 20 j 02:39	0°♏	
desc. node	-10566 Mar 03 j 06:28	11°♏55'40	
	-10566 Mar 19 j 12:55	0°♐	
	-10566 Apr 14 j 10:20	0°♑	
	-10566 May 09 j 09:21	0°♒	
	-10566 Jun 02 j 17:27	0°♓	
asc. node	-10566 Jun 22 j 16:39	24°♓59'52	
	-10566 Jun 26 j 16:01	0°♈	
greatest brilliancy	-10566 Jun 27 j 09:19	0°♈54'30	-3.9m
	-10566 Jul 20 j 09:41	0°♉	
morning set	-10566 Jul 28 j 10:19	10°♉09'46	
	-10566 Aug 13 j 02:33	0°♊	
	-10566 Sep 05 j 21:53	0°♋	
superior conj	-10566 Sep 08 j 05:34	2°♋54'48	1°08'41
minimum elong	-10566 Sep 08 j 16:47	3°♋30'00	1°08'59
max. Earth dist.	-10566 Sep 15 j 08:34	11°♋50'39	1.71383 AU
	-10566 Sep 29 j 21:35	0°♌	
desc. node	-10566 Oct 13 j 16:43	17°♌08'37	
evening rise	-10566 Oct 21 j 12:36	26°♌50'13	
	-10566 Oct 24 j 02:00	0°♍	
	-10566 Nov 17 j 10:28	0°♎	
	-10566 Dec 11 j 22:44	0°♏	
	-10565 Jan 05 j 16:22	0°♐	
	-10565 Jan 30 j 19:25	0°♑	
asc. node	-10565 Feb 02 j 05:58	2°♑52'37	
	-10565 Feb 25 j 14:33	0°♒	
	-10565 Mar 24 j 13:49	0°♓	
evening max el	-10565 Apr 17 j 09:24	24°♓27'35	46°15'45
	-10565 Apr 23 j 06:23	0°♈	
desc. node	-10565 May 26 j 13:36	23°♈23'04	
greatest brilliancy	-10565 May 27 j 11:01	23°♈41'58	-4.9m
retrograde	-10565 Jun 06 j 05:04	25°♈25'37	
evening set	-10565 Jun 21 j 19:32	20°♈47'42	
inferior conj	-10565 Jun 26 j 22:19	17°♈49'54	-6°49'20
minimum elong	-10565 Jun 26 j 12:00	18°♈05'16	6°47'10
min. Earth dist.	-10565 Jun 26 j 12:33	18°♈04'27	0.26502 AU
morning rise	-10565 Jul 01 j 04:30	15°♈21'08	
direct	-10565 Jul 17 j 09:16	10°♈20'41	
greatest brilliancy	-10565 Jul 27 j 20:20	12°♈25'02	-4.9m
	-10565 Aug 22 j 18:07	0°♉	
morning max el	-10565 Sep 06 j 00:31	13°♉45'39	46°38'53
asc. node	-10565 Sep 15 j 05:06	23°♉24'38	
	-10565 Sep 21 j 06:21	0°♊	
	-10565 Oct 17 j 14:26	0°♋	
	-10565 Nov 12 j 01:47	0°♌	
	-10565 Dec 07 j 07:15	0°♍	
	-10564 Jan 01 j 10:13	0°♎	
desc. node	-10564 Jan 06 j 06:52	5°♎49'20	
	-10564 Jan 26 j 09:29	0°♏	
	-10564 Feb 20 j 03:06	0°♐	
morning set	-10564 Mar 07 j 10:17	19°♐57'06	
	-10564 Mar 15 j 14:17	0°♑	
max. Earth dist.	-10564 Apr 07 j 00:12	27°♑44'37	1.72617 AU
	-10564 Apr 08 j 19:47	0°♒	
superior conj	-10564 Apr 11 j 12:30	3°♒21'11	-0°34'04
minimum elong	-10564 Apr 11 j 18:30	3°♒39'51	0°34'20
asc. node	-10564 Apr 26 j 15:57	22°♒13'48	
	-10564 May 02 j 21:11	0°♓	
evening rise	-10564 May 17 j 11:34	18°♓15'59	
	-10564 May 26 j 20:18	0°♈	
	-10564 Jun 19 j 18:58	0°♉	
	-10564 Jul 13 j 19:14	0°♊	
	-10564 Aug 06 j 23:34	0°♋	
desc. node	-10564 Aug 17 j 18:42	13°♋17'24	
	-10564 Aug 31 j 10:45	0°♌	
	-10564 Sep 25 j 08:58	0°♍	
	-10564 Oct 21 j 03:36	0°♎	
	-10564 Nov 17 j 23:04	0°♏	
evening max el	-10564 Nov 20 j 21:44	2°♏55'55	45°25'14
asc. node	-10564 Dec 07 j 11:26	17°♏58'51	
	-10564 Dec 25 j 17:06	0°♐	
greatest brilliancy	-10564 Dec 28 j 12:37	1°♐11'34	-4.7m
retrograde	-10563 Jan 08 j 14:02	3°♐24'48	
	-10563 Jan 21 j 18:21	30°℞♏	
evening set	-10563 Jan 26 j 02:38	27°♏35'07	
inferior conj	-10563 Jan 30 j 01:15	25°♏07'29	8°03'16
minimum elong	-10563 Jan 29 j 23:38	25°♏10'02	8°02'47
min. Earth dist.	-10563 Jan 30 j 12:09	24°♏50'07	0.29601 AU
morning rise	-10563 Feb 02 j 20:33	22°♏44'17	
direct	-10563 Feb 21 j 01:31	16°♏34'38	
greatest brilliancy	-10563 Mar 03 j 04:10	18°♏24'01	-4.7m
	-10563 Mar 23 j 03:43	0°♐	
desc. node	-10563 Mar 30 j 18:14	6°♐10'44	
morning max el	-10563 Apr 11 j 06:36	16°♐42'05	46°11'18
	-10563 Apr 24 j 11:44	0°♑	
	-10563 May 21 j 16:23	0°♒	
	-10563 Jun 16 j 02:04	0°♓	
	-10563 Jul 10 j 13:58	0°♈	
asc. node	-10563 Jul 20 j 06:05	12°♈01'51	
	-10563 Aug 03 j 14:34	0°♉	
	-10563 Aug 27 j 10:57	0°♊	
	-10563 Sep 20 j 08:20	0°♋	
morning set	-10563 Oct 14 j 09:14	29°♋58'26	
	-10563 Oct 14 j 09:44	0°♌	
	-10563 Nov 07 j 15:45	0°♍	
desc. node	-10563 Nov 10 j 05:52	3°♍11'29	
superior conj	-10563 Nov 24 j 19:53	21°♍08'16	-0°32'01
minimum elong	-10563 Nov 24 j 12:50	20°♍46'37	0°31'33
max. Earth dist.	-10563 Nov 27 j 05:50	24°♍06'19	1.73253 AU
	-10563 Dec 02 j 00:59	0°♎	
	-10563 Dec 26 j 11:34	0°♏	
evening rise	-10562 Jan 02 j 03:53	8°♏11'41	
	-10562 Jan 19 j 22:44	0°♐	
greatest brilliancy	-10562 Jan 29 j 12:05	11°♐42'03	-3.9m
	-10562 Feb 13 j 11:23	0°♑	
asc. node	-10562 Mar 01 j 17:19	19°♑46'43	
	-10562 Mar 10 j 03:33	0°♒	
	-10562 Apr 04 j 01:22	0°♓	
	-10562 Apr 29 j 07:25	0°♈	
	-10562 May 25 j 03:32	0°♉	
	-10562 Jun 21 j 07:26	0°♊	
desc. node	-10562 Jun 22 j 23:44	1°♊45'57	
evening max el	-10562 Jun 29 j 21:29	8°♊52'27	47°47'04
	-10562 Jul 23 j 03:31	0°♋	
greatest brilliancy	-10562 Aug 10 j 14:51	10°♋49'57	-4.9m
retrograde	-10562 Aug 19 j 23:00	12°♋31'12	
evening set	-10562 Sep 05 j 17:23	6°♋57'32	
inferior conj	-10562 Sep 09 j 17:38	4°♋28'25	-7°03'14
minimum elong	-10562 Sep 10 j 03:20	4°♋13'10	7°00'48
min. Earth dist.	-10562 Sep 09 j 06:25	4°♋46'06	0.26969 AU

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning rise	-10562 Sep 14 j 13:37	1°♋31'28	
	-10562 Sep 17 j 09:27	30°℞♊	
direct	-10562 Sep 29 j 23:29	26°♊44'02	
greatest brilliancy	-10562 Oct 09 j 13:43	28°♊29'49	-4.9m
asc. node	-10562 Oct 12 j 16:25	29°♊44'35	
	-10562 Oct 13 j 05:59	0°♋	
morning max el	-10562 Nov 18 j 14:55	28°♋38'47	46°13'24
	-10562 Nov 19 j 23:43	0°♌	
	-10562 Dec 18 j 10:32	0°♍	
	-10561 Jan 14 j 04:13	0°♎	
desc. node	-10561 Feb 02 j 20:00	22°♎40'28	
	-10561 Feb 09 j 02:36	0°♏	
	-10561 Mar 06 j 10:37	0°♐	
	-10561 Mar 31 j 06:09	0°♑	
	-10561 Apr 24 j 15:18	0°♒	
morning set	-10561 May 14 j 04:34	24°♒21'38	
	-10561 May 18 j 16:36	0°♓	
asc. node	-10561 May 25 j 05:14	8°♓11'34	
	-10561 Jun 11 j 12:50	0°♈	
max. Earth dist.	-10561 Jun 19 j 08:29	9°♈52'19	1.70948 AU
superior conj	-10561 Jun 20 j 17:58	11°♈38'04	0°56'27
minimum elong	-10561 Jun 20 j 08:16	11°♈07'26	0°56'10
	-10561 Jul 05 j 06:46	0°♉	
	-10561 Jul 29 j 01:11	0°♊	
evening rise	-10561 Jul 30 j 17:53	2°♊08'10	
	-10561 Aug 21 j 22:33	0°♋	
desc. node	-10561 Sep 15 j 06:27	0°♌18'10	
	-10561 Sep 15 j 00:36	0°♌	
	-10561 Oct 09 j 08:14	0°♍	
	-10561 Nov 02 j 22:47	0°♎	
	-10561 Nov 28 j 00:05	0°♏	
	-10561 Dec 23 j 21:47	0°♐	
asc. node	-10560 Jan 04 j 21:32	13°♐18'50	
	-10560 Jan 20 j 16:07	0°♑	
evening max el	-10560 Jan 31 j 22:41	11°♑06'00	44°55'08
	-10560 Feb 23 j 15:45	0°♒	
greatest brilliancy	-10560 Mar 09 j 22:00	8°♒03'12	-4.7m
retrograde	-10560 Mar 20 j 00:34	9°♒51'16	
evening set	-10560 Apr 04 j 11:58	5°♒23'53	
inferior conj	-10560 Apr 10 j 04:43	2°♒06'29	3°49'47
minimum elong	-10560 Apr 10 j 12:20	1°♒55'01	3°47'19
min. Earth dist.	-10560 Apr 11 j 10:13	1°♒22'10	0.28009 AU
	-10560 Apr 13 j 17:42	30°℞♑	
morning rise	-10560 Apr 16 j 11:39	28°♑27'34	
desc. node	-10560 Apr 27 j 05:16	24°♑26'41	
direct	-10560 May 01 j 17:57	24°♑02'22	
greatest brilliancy	-10560 May 13 j 12:50	26°♑32'08	-4.8m
	-10560 May 20 j 12:55	0°♒	
morning max el	-10560 Jun 21 j 01:12	26°♒10'25	46°37'35
	-10560 Jun 24 j 19:32	0°♓	
	-10560 Jul 22 j 01:44	0°♈	
	-10560 Aug 16 j 09:00	0°♉	
asc. node	-10560 Aug 16 j 19:08	0°♉30'39	
	-10560 Sep 09 j 22:02	0°♊	
	-10560 Oct 04 j 05:40	0°♋	
	-10560 Oct 28 j 14:23	0°♌	
	-10560 Nov 22 j 02:23	0°♍	
desc. node	-10560 Dec 07 j 19:24	19°♍10'14	
	-10560 Dec 16 j 16:36	0°♎	
morning set	-10560 Dec 27 j 08:29	13°♎00'06	
	-10559 Jan 10 j 06:34	0°♏	
max. Earth dist.	-10559 Jan 30 j 13:34	24°♏50'50	1.73782 AU
superior conj	-10559 Feb 02 j 09:51	28°♏20'21	-1°20'50
minimum elong	-10559 Feb 02 j 09:57	28°♏20'39	1°21'19
	-10559 Feb 03 j 18:18	0°♐	
	-10559 Feb 28 j 03:25	0°♑	
evening rise	-10559 Mar 09 j 15:56	11°♑44'44	
	-10559 Mar 24 j 10:50	0°♒	
asc. node	-10559 Mar 29 j 05:24	5°♒53'48	
	-10559 Apr 17 j 17:51	0°♓	
	-10559 May 12 j 01:44	0°♈	
	-10559 Jun 05 j 12:05	0°♉	
	-10559 Jun 30 j 03:46	0°♊	
desc. node	-10559 Jul 20 j 09:57	24°♊15'58	
	-10559 Jul 25 j 06:23	0°♋	
	-10559 Aug 20 j 08:16	0°♌	
evening max el	-10559 Sep 09 j 01:39	21°♌09'43	47°10'56
	-10559 Sep 18 j 00:39	0°♍	
greatest brilliancy	-10559 Oct 19 j 01:06	22°♍36'56	-4.8m
retrograde	-10559 Oct 29 j 23:28	24°♍54'20	
asc. node	-10559 Nov 09 j 03:14	22°♍43'07	
evening set	-10559 Nov 13 j 21:12	20°♍19'50	
min. Earth dist.	-10559 Nov 19 j 08:47	16°♍56'16	0.28524 AU
inferior conj	-10559 Nov 20 j 01:33	16°♍29'12	2°31'42
minimum elong	-10559 Nov 19 j 20:33	16°♍37'16	2°30'29
morning rise	-10559 Nov 25 j 20:48	12°♍53'27	
direct	-10559 Dec 11 j 05:02	8°♍12'09	
greatest brilliancy	-10559 Dec 20 j 02:37	9°♍40'48	-4.7m
	-10558 Jan 20 j 05:25	0°♎	
morning max el	-10558 Jan 28 j 23:34	7°♎59'50	45°57'48
	-10558 Feb 19 j 19:53	0°♏	
desc. node	-10558 Mar 02 j 08:45	11°♏19'19	
	-10558 Mar 19 j 03:00	0°♐	
	-10558 Apr 13 j 23:01	0°♑	
	-10558 May 08 j 21:19	0°♒	
	-10558 Jun 02 j 05:02	0°♓	
asc. node	-10558 Jun 21 j 18:44	24°♓30'29	
	-10558 Jun 26 j 03:25	0°♈	
greatest brilliancy	-10558 Jun 27 j 18:09	2°♈02'04	-3.9m
	-10558 Jul 19 j 21:01	0°♉	
morning set	-10558 Jul 25 j 21:19	7°♉36'52	
	-10558 Aug 12 j 13:52	0°♊	
	-10558 Sep 05 j 09:11	0°♋	
superior conj	-10558 Sep 05 j 14:01	0°♋15'12	1°10'52
minimum elong	-10558 Sep 06 j 00:46	0°♋48'55	1°11'12
max. Earth dist.	-10558 Sep 12 j 18:36	9°♋16'23	1.71325 AU
	-10558 Sep 29 j 08:53	0°♌	
desc. node	-10558 Oct 12 j 18:56	16°♌40'23	
evening rise	-10558 Oct 18 j 22:24	24°♌17'05	
	-10558 Oct 23 j 13:19	0°♍	
	-10558 Nov 16 j 21:50	0°♎	
	-10558 Dec 11 j 10:15	0°♏	
	-10557 Jan 05 j 04:16	0°♐	
	-10557 Jan 30 j 08:08	0°♑	
asc. node	-10557 Feb 01 j 08:13	2°♑21'31	
	-10557 Feb 25 j 04:51	0°♒	
	-10557 Mar 24 j 07:33	0°♓	
evening max el	-10557 Apr 14 j 22:54	22°♓05'44	46°11'49
	-10557 Apr 23 j 10:36	0°♈	
greatest brilliancy	-10557 May 24 j 22:32	21°♈13'04	-4.9m
desc. node	-10557 May 25 j 15:49	21°♈27'13	
retrograde	-10557 Jun 03 j 16:20	22°♈56'07	
evening set	-10557 Jun 19 j 03:34	18°♈24'12	
inferior conj	-10557 Jun 24 j 10:05	15°♈21'20	-6°33'25
minimum elong	-10557 Jun 23 j 23:40	15°♈36'52	6°31'08
min. Earth dist.	-10557 Jun 24 j 01:28	15°♈34'10	0.26509 AU
morning rise	-10557 Jun 28 j 19:43	12°♈47'35	
direct	-10557 Jul 14 j 21:28	7°♈52'03	
greatest brilliancy	-10557 Jul 25 j 09:56	9°♈56'59	-4.9m
	-10557 Aug 23 j 00:21	0°♉	
morning max el	-10557 Sep 03 j 12:06	11°♉13'46	46°39'28

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

asc. node	-10557 Sep 14 j 07:25	22°♉37'29	
	-10557 Sep 21 j 00:44	0°♊	
	-10557 Oct 17 j 05:22	0°♋	
	-10557 Nov 11 j 15:07	0°♌	
	-10557 Dec 06 j 19:38	0°♍	
	-10557 Dec 31 j 21:59	0°♎	
desc. node	-10556 Jan 05 j 08:55	5°♎20'29	
	-10556 Jan 25 j 20:49	0°♏	
	-10556 Feb 19 j 14:09	0°♐	
morning set	-10556 Mar 05 j 05:38	17°♐55'38	
	-10556 Mar 15 j 01:10	0°♑	
max. Earth dist.	-10556 Apr 04 j 18:18	25°♑38'00	1.72678 AU
	-10556 Apr 08 j 06:40	0°♒	
superior conj	-10556 Apr 09 j 07:36	1°♒17'31	-0°36'45
minimum elong	-10556 Apr 09 j 13:57	1°♒37'14	0°37'01
asc. node	-10556 Apr 25 j 18:08	21°♒46'23	
	-10556 May 02 j 08:12	0°♓	
evening rise	-10556 May 15 j 04:51	16°♓05'04	
	-10556 May 26 j 07:31	0°♈	
	-10556 Jun 19 j 06:25	0°♉	
	-10556 Jul 13 j 06:57	0°♊	
	-10556 Aug 06 j 11:37	0°♋	
desc. node	-10556 Aug 16 j 21:02	12°♋47'01	
	-10556 Aug 30 j 23:18	0°♌	
	-10556 Sep 24 j 22:23	0°♍	
	-10556 Oct 20 j 18:54	0°♎	
	-10556 Nov 17 j 19:51	0°♏	
evening max el	-10556 Nov 18 j 12:33	0°♏41'19	45°27'58
asc. node	-10556 Dec 06 j 13:34	16°♏58'00	
greatest brilliancy	-10556 Dec 26 j 05:41	29°♏05'35	-4.7m
	-10556 Dec 28 j 20:38	0°♐	
retrograde	-10555 Jan 06 j 07:07	1°♐19'38	
	-10555 Jan 14 j 10:38	30°℞♏	
evening set	-10555 Jan 23 j 18:51	25°♏31'03	
inferior conj	-10555 Jan 27 j 18:41	23°♏01'32	8°01'27
minimum elong	-10555 Jan 27 j 16:25	23°♏05'08	8°00'57
min. Earth dist.	-10555 Jan 28 j 04:37	22°♏45'43	0.29611 AU
morning rise	-10555 Jan 31 j 13:53	20°♏38'18	
direct	-10555 Feb 18 j 18:02	14°♏28'22	
greatest brilliancy	-10555 Feb 28 j 20:16	16°♏16'59	-4.7m
	-10555 Mar 23 j 13:37	0°♐	
desc. node	-10555 Mar 29 j 20:26	5°♐15'25	
morning max el	-10555 Apr 08 j 22:11	14°♐30'44	46°10'29
	-10555 Apr 24 j 05:46	0°♑	
	-10555 May 21 j 06:49	0°♒	
	-10555 Jun 15 j 15:01	0°♓	
	-10555 Jul 10 j 02:10	0°♈	
asc. node	-10555 Jul 19 j 08:14	11°♈31'05	
	-10555 Aug 03 j 02:21	0°♉	
	-10555 Aug 26 j 22:29	0°♊	
	-10555 Sep 19 j 19:40	0°♋	
morning set	-10555 Oct 11 j 19:45	27°♋27'15	
	-10555 Oct 13 j 20:55	0°♌	
	-10555 Nov 07 j 02:47	0°♍	
desc. node	-10555 Nov 09 j 07:57	2°♍43'56	
superior conj	-10555 Nov 22 j 09:18	18°♍48'20	-0°28'49
minimum elong	-10555 Nov 22 j 02:48	18°♍28'22	0°28'22
max. Earth dist.	-10555 Nov 24 j 23:40	22°♍00'01	1.73203 AU
	-10555 Dec 01 j 11:54	0°♎	
	-10555 Dec 25 j 22:27	0°♏	
evening rise	-10555 Dec 30 j 21:24	6°♏04'48	
	-10554 Jan 19 j 09:41	0°♐	
greatest brilliancy	-10554 Jan 31 j 22:30	15°♐20'17	-3.9m
	-10554 Feb 12 j 22:37	0°♑	
asc. node	-10554 Feb 28 j 19:36	19°♑18'46	
	-10554 Mar 09 j 15:16	0°♒	
	-10554 Apr 03 j 13:51	0°♓	
	-10554 Apr 28 j 21:09	0°♈	
	-10554 May 24 j 19:27	0°♉	
	-10554 Jun 21 j 04:14	0°♊	
desc. node	-10554 Jun 22 j 01:51	0°♊56'15	
evening max el	-10554 Jun 27 j 10:33	6°♊25'41	47°45'38
	-10554 Jul 23 j 23:50	0°♋	
greatest brilliancy	-10554 Aug 08 j 05:22	8°♋23'11	-4.9m
retrograde	-10554 Aug 17 j 12:26	10°♋03'44	
evening set	-10554 Sep 03 j 09:52	4°♋25'48	
inferior conj	-10554 Sep 07 j 07:03	2°♋01'52	-7°17'04
minimum elong	-10554 Sep 07 j 16:33	1°♋46'58	7°14'46
min. Earth dist.	-10554 Sep 06 j 19:59	2°♋19'13	0.26937 AU
	-10554 Sep 10 j 13:52	30°℞♊	
morning rise	-10554 Sep 11 j 23:28	29°♊10'28	
direct	-10554 Sep 27 j 12:04	24°♊18'09	
greatest brilliancy	-10554 Oct 07 j 03:42	26°♊05'17	-4.9m
asc. node	-10554 Oct 11 j 18:39	28°♊02'50	
	-10554 Oct 15 j 10:05	0°♋	
morning max el	-10554 Nov 16 j 05:20	26°♋19'16	46°14'31
	-10554 Nov 19 j 21:45	0°♌	
	-10554 Dec 18 j 02:26	0°♍	
	-10553 Jan 13 j 17:42	0°♎	
desc. node	-10553 Feb 01 j 22:17	22°♎10'46	
	-10553 Feb 08 j 14:51	0°♏	
	-10553 Mar 05 j 22:10	0°♐	
	-10553 Mar 30 j 17:20	0°♑	
	-10553 Apr 24 j 02:18	0°♒	
morning set	-10553 May 11 j 21:57	22°♒11'38	
	-10553 May 18 j 03:33	0°♓	
asc. node	-10553 May 24 j 07:19	7°♓43'43	
	-10553 Jun 10 j 23:48	0°♈	
max. Earth dist.	-10553 Jun 16 j 19:15	7°♈20'01	1.70987 AU
superior conj	-10553 Jun 18 j 07:54	9°♈15'46	0°53'49
minimum elong	-10553 Jun 17 j 22:25	8°♈45'48	0°53'30
	-10553 Jul 04 j 17:49	0°♉	
evening rise	-10553 Jul 28 j 03:18	29°♉31'29	
	-10553 Jul 28 j 12:22	0°♊	
	-10553 Aug 21 j 09:53	0°♋	
desc. node	-10553 Sep 14 j 08:38	29°♋49'21	
	-10553 Sep 14 j 12:04	0°♌	
	-10553 Oct 08 j 19:54	0°♍	
	-10553 Nov 02 j 10:49	0°♎	
	-10553 Nov 27 j 12:52	0°♏	
	-10553 Dec 23 j 12:20	0°♐	
asc. node	-10552 Jan 03 j 23:50	12°♐41'42	
	-10552 Jan 20 j 11:23	0°♑	
evening max el	-10552 Jan 29 j 14:24	8°♑55'46	44°54'17
	-10552 Feb 24 j 15:20	0°♒	
greatest brilliancy	-10552 Mar 07 j 11:04	5°♒49'04	-4.7m
retrograde	-10552 Mar 17 j 15:02	7°♒37'52	
evening set	-10552 Apr 02 j 04:42	3°♒06'57	
inferior conj	-10552 Apr 07 j 19:10	29°♑51'57	4°07'37
minimum elong	-10552 Apr 08 j 03:11	29°♑39'52	4°05'04
	-10552 Apr 07 j 13:49	30°℞♑	
min. Earth dist.	-10552 Apr 09 j 00:52	29°♑07'15	0.28088 AU
morning rise	-10552 Apr 14 j 00:44	26°♑14'34	
desc. node	-10552 Apr 26 j 07:27	21°♑57'49	
direct	-10552 Apr 29 j 09:57	21°♑46'26	
greatest brilliancy	-10552 May 11 j 03:18	24°♑14'59	-4.8m
	-10552 May 21 j 20:20	0°♒	
morning max el	-10552 Jun 18 j 16:46	23°♒52'52	46°36'51
	-10552 Jun 24 j 16:19	0°♓	
	-10552 Jul 21 j 17:24	0°♈	
asc. node	-10552 Aug 15 j 21:28	29°♈56'23	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10552 Aug 15 j 22:40	0°♉	
	-10552 Sep 09 j 10:43	0°♊	
	-10552 Oct 03 j 17:45	0°♋	
	-10552 Oct 28 j 02:03	0°♌	
	-10552 Nov 21 j 13:43	0°♍	
desc. node	-10552 Dec 06 j 21:28	18°♍42'27	
	-10552 Dec 16 j 03:39	0°♎	
morning set	-10552 Dec 25 j 00:13	10°♎48'09	
	-10551 Jan 09 j 17:25	0°♏	
max. Earth dist.	-10551 Jan 28 j 13:20	23°♏03'26	1.73791 AU
superior conj	-10551 Jan 31 j 04:52	26°♏18'20	-1°20'49
minimum elong	-10551 Jan 31 j 04:21	26°♏16'47	1°21'17
	-10551 Feb 03 j 05:04	0°♐	
	-10551 Feb 27 j 14:13	0°♑	
evening rise	-10551 Mar 07 j 11:55	9°♑44'51	
	-10551 Mar 23 j 21:48	0°♒	
asc. node	-10551 Mar 28 j 07:35	5°♒26'29	
	-10551 Apr 17 j 05:08	0°♓	
	-10551 May 11 j 13:29	0°♈	
	-10551 Jun 05 j 00:26	0°♉	
	-10551 Jun 29 j 16:57	0°♊	
desc. node	-10551 Jul 19 j 12:18	23°♊41'03	
	-10551 Jul 24 j 20:54	0°♋	
	-10551 Aug 20 j 01:31	0°♌	
evening max el	-10551 Sep 06 j 18:24	18°♌55'00	47°14'08
	-10551 Sep 18 j 02:45	0°♍	
greatest brilliancy	-10551 Oct 16 j 19:11	20°♍24'28	-4.8m
retrograde	-10551 Oct 27 j 16:37	22°♍40'31	
asc. node	-10551 Nov 08 j 05:26	19°♍52'21	
evening set	-10551 Nov 11 j 13:28	18°♍07'12	
min. Earth dist.	-10551 Nov 17 j 01:03	14°♍43'20	0.28458 AU
inferior conj	-10551 Nov 17 j 18:04	14°♍15'50	2°12'56
minimum elong	-10551 Nov 17 j 13:38	14°♍23'00	2°11'54
morning rise	-10551 Nov 23 j 14:47	10°♍38'02	
direct	-10551 Dec 08 j 21:08	6°♍00'06	
greatest brilliancy	-10551 Dec 17 j 17:50	7°♍28'14	-4.7m
	-10550 Jan 20 j 07:50	0°♎	
morning max el	-10550 Jan 26 j 15:26	5°♎50'15	45°57'51
	-10550 Feb 19 j 12:36	0°♏	
desc. node	-10550 Mar 01 j 10:54	10°♏43'28	
	-10550 Mar 18 j 16:45	0°♐	
	-10550 Apr 13 j 11:27	0°♑	
	-10550 May 08 j 09:05	0°♒	
	-10550 Jun 01 j 16:28	0°♓	
asc. node	-10550 Jun 20 j 20:55	24°♓01'41	
	-10550 Jun 25 j 14:43	0°♈	
greatest brilliancy	-10550 Jun 27 j 23:11	2°♈58'00	-3.9m
	-10550 Jul 19 j 08:17	0°♉	
morning set	-10550 Jul 23 j 08:05	5°♉03'23	
	-10550 Aug 12 j 01:06	0°♊	
superior conj	-10550 Sep 02 j 22:16	27°♊35'07	1°12'54
minimum elong	-10550 Sep 03 j 08:24	28°♊06'59	1°13'14
	-10550 Sep 04 j 20:24	0°♋	
max. Earth dist.	-10550 Sep 10 j 03:26	6°♋38'29	1.71261 AU
	-10550 Sep 28 j 20:05	0°♌	
desc. node	-10550 Oct 11 j 21:01	16°♌12'02	
evening rise	-10550 Oct 16 j 07:42	21°♌42'36	
	-10550 Oct 23 j 00:32	0°♍	
	-10550 Nov 16 j 09:07	0°♎	
	-10550 Dec 10 j 21:43	0°♏	
	-10549 Jan 04 j 16:09	0°♐	
	-10549 Jan 29 j 20:50	0°♑	
asc. node	-10549 Jan 31 j 10:36	1°♑50'56	
	-10549 Feb 24 j 19:13	0°♒	
	-10549 Mar 24 j 01:34	0°♓	
evening max el	-10549 Apr 12 j 11:23	19°♓41'54	46°07'55
	-10549 Apr 23 j 16:34	0°♈	
greatest brilliancy	-10549 May 22 j 10:13	18°♈44'38	-4.8m
desc. node	-10549 May 24 j 17:58	19°♈26'43	
retrograde	-10549 Jun 01 j 03:09	20°♈26'59	
evening set	-10549 Jun 16 j 11:38	16°♈00'23	
inferior conj	-10549 Jun 21 j 21:48	12°♈52'57	-6°16'35
minimum elong	-10549 Jun 21 j 11:21	13°♈08'32	6°14'13
min. Earth dist.	-10549 Jun 21 j 14:43	13°♈03'31	0.26524 AU
morning rise	-10549 Jun 26 j 10:54	10°♈14'13	
direct	-10549 Jul 12 j 09:17	5°♈23'05	
greatest brilliancy	-10549 Jul 23 j 00:19	7°♈29'41	-4.9m
	-10549 Aug 23 j 04:46	0°♉	
morning max el	-10549 Aug 31 j 23:30	8°♉40'57	46°40'02
asc. node	-10549 Sep 13 j 09:35	21°♉50'13	
	-10549 Sep 20 j 18:50	0°♊	
	-10549 Oct 16 j 20:14	0°♋	
	-10549 Nov 11 j 04:25	0°♌	
	-10549 Dec 06 j 08:01	0°♍	
	-10549 Dec 31 j 09:45	0°♎	
desc. node	-10548 Jan 04 j 11:09	4°♎52'10	
	-10548 Jan 25 j 08:10	0°♏	
	-10548 Feb 19 j 01:14	0°♐	
morning set	-10548 Mar 03 j 00:57	15°♐53'52	
	-10548 Mar 14 j 12:07	0°♑	
max. Earth dist.	-10548 Apr 02 j 13:51	23°♑35'45	1.72735 AU
superior conj	-10548 Apr 07 j 02:56	29°♑14'26	-0°39'23
minimum elong	-10548 Apr 07 j 09:35	29°♑35'05	0°39'38
	-10548 Apr 07 j 17:36	0°♒	
asc. node	-10548 Apr 24 j 20:17	21°♒18'44	
	-10548 May 01 j 19:14	0°♓	
evening rise	-10548 May 12 j 22:32	13°♓55'27	
	-10548 May 25 j 18:45	0°♈	
	-10548 Jun 18 j 17:54	0°♉	
	-10548 Jul 12 j 18:46	0°♊	
	-10548 Aug 05 j 23:49	0°♋	
desc. node	-10548 Aug 15 j 23:11	12°♋15'37	
	-10548 Aug 30 j 12:04	0°♌	
	-10548 Sep 24 j 12:06	0°♍	
	-10548 Oct 20 j 10:38	0°♎	
evening max el	-10548 Nov 16 j 03:23	28°♎26'03	45°31'00
	-10548 Nov 17 j 17:38	0°♏	
asc. node	-10548 Dec 05 j 15:53	15°♏55'27	
greatest brilliancy	-10548 Dec 23 j 22:08	26°♏58'12	-4.7m
retrograde	-10547 Jan 04 j 00:34	29°♏13'52	
evening set	-10547 Jan 21 j 10:48	23°♏26'22	
inferior conj	-10547 Jan 25 j 12:04	20°♏54'46	7°58'59
minimum elong	-10547 Jan 25 j 09:11	20°♏59'21	7°58'26
min. Earth dist.	-10547 Jan 25 j 20:49	20°♏40'49	0.29618 AU
morning rise	-10547 Jan 29 j 07:27	18°♏31'13	
direct	-10547 Feb 16 j 10:36	12°♏21'11	
greatest brilliancy	-10547 Feb 26 j 12:15	14°♏09'14	-4.7m
	-10547 Mar 23 j 21:11	0°♐	
desc. node	-10547 Mar 28 j 22:33	4°♐20'25	
morning max el	-10547 Apr 06 j 14:43	12°♐21'17	46°09'48
	-10547 Apr 23 j 23:38	0°♑	
	-10547 May 20 j 21:16	0°♒	
	-10547 Jun 15 j 04:02	0°♓	
	-10547 Jul 09 j 14:28	0°♈	
asc. node	-10547 Jul 18 j 10:34	11°♈00'33	
	-10547 Aug 02 j 14:15	0°♉	
	-10547 Aug 26 j 10:10	0°♊	
	-10547 Sep 19 j 07:12	0°♋	
morning set	-10547 Oct 09 j 05:52	24°♋53'54	
	-10547 Oct 13 j 08:20	0°♌	
	-10547 Nov 06 j 14:05	0°♍	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

desc. node	-10547 Nov 08 j 10:05	2°♍15'40	
superior conj	-10547 Nov 19 j 22:04	16°♍25'32	-0°25'31
minimum elong	-10547 Nov 19 j 16:12	16°♍07'27	0°25'04
max. Earth dist.	-10547 Nov 22 j 15:31	19°♍46'46	1.73151 AU
	-10547 Nov 30 j 23:05	0°♎	
	-10547 Dec 25 j 09:35	0°♏	
evening rise	-10547 Dec 28 j 14:30	3°♏55'49	
	-10546 Jan 18 j 20:55	0°♐	
	-10546 Feb 12 j 10:08	0°♑	
asc. node	-10546 Feb 27 j 21:48	18°♑49'38	
	-10546 Mar 09 j 03:18	0°♒	
	-10546 Apr 03 j 02:43	0°♓	
	-10546 Apr 28 j 11:17	0°♈	
	-10546 May 24 j 11:51	0°♉	
desc. node	-10546 Jun 21 j 04:14	0°♊05'54	
	-10546 Jun 21 j 01:57	0°♊	
evening max el	-10546 Jun 25 j 00:41	4°♊01'17	47°44'12
	-10546 Jul 25 j 03:36	0°♋	
greatest brilliancy	-10546 Aug 05 j 19:08	5°♋55'18	-4.9m
retrograde	-10546 Aug 15 j 02:20	7°♋35'58	
evening set	-10546 Sep 01 j 02:21	1°♋53'42	
	-10546 Sep 04 j 04:21	30°℞♊	
inferior conj	-10546 Sep 04 j 20:29	29°♊34'47	-7°29'58
minimum elong	-10546 Sep 05 j 05:43	29°♊20'21	7°27'49
min. Earth dist.	-10546 Sep 04 j 09:10	29°♊52'29	0.26907 AU
morning rise	-10546 Sep 09 j 09:19	26°♊49'11	
direct	-10546 Sep 25 j 01:19	21°♊51'50	
greatest brilliancy	-10546 Oct 04 j 17:14	23°♊39'42	-4.9m
asc. node	-10546 Oct 10 j 20:52	26°♊24'25	
	-10546 Oct 16 j 20:40	0°♋	
morning max el	-10546 Nov 13 j 20:43	24°♋01'09	46°15'24
	-10546 Nov 19 j 19:20	0°♌	
	-10546 Dec 17 j 18:27	0°♍	
	-10545 Jan 13 j 07:26	0°♎	
desc. node	-10545 Feb 01 j 00:25	21°♎39'41	
	-10545 Feb 08 j 03:22	0°♏	
	-10545 Mar 05 j 10:01	0°♐	
	-10545 Mar 30 j 04:48	0°♑	
	-10545 Apr 23 j 13:36	0°♒	
morning set	-10545 May 09 j 15:26	20°♒01'07	
	-10545 May 17 j 14:49	0°♓	
asc. node	-10545 May 23 j 09:32	7°♓15'17	
	-10545 Jun 10 j 11:05	0°♈	
max. Earth dist.	-10545 Jun 14 j 03:22	4°♈38'27	1.71025 AU
superior conj	-10545 Jun 15 j 22:12	6°♈53'39	0°51'06
minimum elong	-10545 Jun 15 j 12:59	6°♈24'32	0°50'45
	-10545 Jul 04 j 05:11	0°♉	
evening rise	-10545 Jul 25 j 13:13	26°♉55'25	
	-10545 Jul 27 j 23:50	0°♊	
	-10545 Aug 20 j 21:28	0°♋	
desc. node	-10545 Sep 13 j 10:45	29°♋19'38	
	-10545 Sep 13 j 23:47	0°♌	
	-10545 Oct 08 j 07:50	0°♍	
	-10545 Nov 01 j 23:09	0°♎	
	-10545 Nov 27 j 02:05	0°♏	
	-10545 Dec 23 j 03:27	0°♐	
asc. node	-10544 Jan 03 j 02:12	12°♐03'19	
	-10544 Jan 20 j 07:41	0°♑	
evening max el	-10544 Jan 27 j 06:16	6°♑44'47	44°53'33
	-10544 Feb 26 j 00:59	0°♒	
greatest brilliancy	-10544 Mar 05 j 00:52	3°♒35'06	-4.7m
retrograde	-10544 Mar 15 j 05:12	5°♒23'56	
evening set	-10544 Mar 30 j 21:41	0°♒49'33	
	-10544 Apr 01 j 09:17	30°℞♑	
inferior conj	-10544 Apr 05 j 09:49	27°♑37'01	4°24'50
minimum elong	-10544 Apr 05 j 18:10	27°♑24'23	4°22'15
min. Earth dist.	-10544 Apr 06 j 15:44	26°♑51'48	0.28166 AU
morning rise	-10544 Apr 11 j 13:45	24°♑01'11	
desc. node	-10544 Apr 25 j 09:40	19°♑33'28	
direct	-10544 Apr 27 j 01:52	19°♑30'11	
greatest brilliancy	-10544 May 08 j 17:42	21°♑57'05	-4.8m
	-10544 May 22 j 19:33	0°♒	
morning max el	-10544 Jun 16 j 07:37	21°♒32'39	46°36'02
	-10544 Jun 24 j 12:49	0°♓	
	-10544 Jul 21 j 09:11	0°♈	
asc. node	-10544 Aug 14 j 23:31	29°♈20'26	
	-10544 Aug 15 j 12:33	0°♉	
	-10544 Sep 08 j 23:37	0°♊	
	-10544 Oct 03 j 06:03	0°♋	
	-10544 Oct 27 j 13:55	0°♌	
	-10544 Nov 21 j 01:15	0°♍	
desc. node	-10544 Dec 05 j 23:42	18°♍14'30	
	-10544 Dec 15 j 14:58	0°♎	
morning set	-10544 Dec 22 j 15:55	8°♎35'19	
	-10543 Jan 09 j 04:34	0°♏	
max. Earth dist.	-10543 Jan 26 j 11:42	21°♏10'49	1.73800 AU
superior conj	-10543 Jan 28 j 23:44	24°♏14'56	-1°20'41
minimum elong	-10543 Jan 28 j 22:38	24°♏11'33	1°21'08
	-10543 Feb 02 j 16:09	0°♐	
	-10543 Feb 27 j 01:20	0°♑	
evening rise	-10543 Mar 05 j 07:41	7°♑43'26	
	-10543 Mar 23 j 09:05	0°♒	
asc. node	-10543 Mar 27 j 09:44	4°♒58'10	
	-10543 Apr 16 j 16:44	0°♓	
	-10543 May 11 j 01:34	0°♈	
	-10543 Jun 04 j 13:09	0°♉	
	-10543 Jun 29 j 06:32	0°♊	
desc. node	-10543 Jul 18 j 14:29	23°♊04'25	
	-10543 Jul 24 j 11:53	0°♋	
	-10543 Aug 19 j 19:25	0°♌	
evening max el	-10543 Sep 04 j 10:42	16°♌38'14	47°17'20
	-10543 Sep 18 j 06:37	0°♍	
greatest brilliancy	-10543 Oct 14 j 13:52	18°♍12'20	-4.9m
retrograde	-10543 Oct 25 j 09:29	20°♍26'29	
asc. node	-10543 Nov 07 j 07:42	16°♍57'29	
evening set	-10543 Nov 09 j 06:03	15°♍54'14	
min. Earth dist.	-10543 Nov 14 j 17:48	12°♍29'58	0.28390 AU
inferior conj	-10543 Nov 15 j 10:46	12°♍02'30	1°54'05
minimum elong	-10543 Nov 15 j 06:56	12°♍08'43	1°53'14
morning rise	-10543 Nov 21 j 08:47	8°♍22'39	
direct	-10543 Dec 06 j 13:00	3°♍48'06	
greatest brilliancy	-10543 Dec 15 j 09:45	5°♍16'07	-4.7m
	-10542 Jan 20 j 09:05	0°♎	
morning max el	-10542 Jan 24 j 06:40	3°♎38'30	45°57'49
	-10542 Feb 19 j 05:15	0°♏	
desc. node	-10542 Feb 28 j 12:59	10°♏06'59	
	-10542 Mar 18 j 06:39	0°♐	
	-10542 Apr 13 j 00:05	0°♑	
	-10542 May 07 j 21:03	0°♒	
	-10542 Jun 01 j 04:06	0°♓	
asc. node	-10542 Jun 19 j 23:11	23°♓32'33	
	-10542 Jun 25 j 02:13	0°♈	
greatest brilliancy	-10542 Jun 27 j 21:21	3°♈31'38	-3.9m
	-10542 Jul 18 j 19:45	0°♉	
morning set	-10542 Jul 20 j 18:58	2°♉29'30	
	-10542 Aug 11 j 12:34	0°♊	
superior conj	-10542 Aug 31 j 06:39	24°♊54'39	1°14'44
minimum elong	-10542 Aug 31 j 16:06	25°♊24'21	1°15'07
	-10542 Sep 04 j 07:51	0°♋	
max. Earth dist.	-10542 Sep 07 j 08:21	3°♋47'29	1.71198 AU

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	-10542 Sep 28 j 07:31	0°♌		
desc. node	-10542 Oct 10 j 23:11	15°♌43'22		
evening rise	-10542 Oct 13 j 16:54	19°♌07'00		
	-10542 Oct 22 j 11:57	0°♍		
	-10542 Nov 15 j 20:34	0°♎		
	-10542 Dec 10 j 09:20	0°♏		
	-10541 Jan 04 j 04:11	0°♐		
	-10541 Jan 29 j 09:46	0°♑		
asc. node	-10541 Jan 30 j 12:44	1°♑19'05		
	-10541 Feb 24 j 09:57	0°♒		
	-10541 Mar 23 j 20:15	0°♓		
evening max el	-10541 Apr 09 j 23:33	17°♓16'58	46°04'05	
	-10541 Apr 24 j 01:05	0°♈		
greatest brilliancy	-10541 May 19 j 21:48	16°♈15'49	-4.8m	
desc. node	-10541 May 23 j 20:18	17°♈21'03		
retrograde	-10541 May 29 j 14:11	17°♈58'05		
evening set	-10541 Jun 13 j 19:59	13°♈36'02		
inferior conj	-10541 Jun 19 j 09:38	10°♈24'35	-5°58'59	
minimum elong	-10541 Jun 18 j 23:14	10°♈40'03	5°56'33	
min. Earth dist.	-10541 Jun 19 j 04:02	10°♈32'55	0.26542 AU	
morning rise	-10541 Jun 24 j 02:12	7°♈41'08		
direct	-10541 Jul 09 j 21:14	2°♈53'55		
greatest brilliancy	-10541 Jul 20 j 15:07	5°♈02'52	-4.9m	
	-10541 Aug 23 j 07:39	0°♉		
morning max el	-10541 Aug 29 j 11:33	6°♉09'27	46°40'35	
asc. node	-10541 Sep 12 j 11:50	21°♉03'33		
	-10541 Sep 20 j 12:38	0°♊		
	-10541 Oct 16 j 11:03	0°♋		
	-10541 Nov 10 j 17:44	0°♌		
	-10541 Dec 05 j 20:26	0°♍		
	-10541 Dec 30 j 21:32	0°♎		
desc. node	-10540 Jan 03 j 13:15	4°♎23'20		
	-10540 Jan 24 j 19:32	0°♏		
	-10540 Feb 18 j 12:19	0°♐		
morning set	-10540 Feb 29 j 20:29	13°♐52'41		
	-10540 Mar 13 j 23:06	0°♑		
max. Earth dist.	-10540 Mar 31 j 11:03	21°♑38'30	1.72796 AU	
superior conj	-10540 Apr 04 j 22:26	27°♑11'44	-0°41'56	
minimum elong	-10540 Apr 05 j 05:21	27°♑33'12	0°42'12	
	-10540 Apr 07 j 04:37	0°♒		
asc. node	-10540 Apr 23 j 22:33	20°♒51'11		
	-10540 May 01 j 06:23	0°♓		
evening rise	-10540 May 10 j 16:22	11°♓46'05		
	-10540 May 25 j 06:06	0°♈		
	-10540 Jun 18 j 05:29	0°♉		
	-10540 Jul 12 j 06:39	0°♊		
	-10540 Aug 05 j 12:06	0°♋		
desc. node	-10540 Aug 15 j 01:18	11°♋43'51		
	-10540 Aug 30 j 00:56	0°♌		
	-10540 Sep 24 j 01:59	0°♍		
	-10540 Oct 20 j 02:39	0°♎		
evening max el	-10540 Nov 13 j 19:13	26°♎13'15	45°34'12	
	-10540 Nov 17 j 16:16	0°♏		
asc. node	-10540 Dec 04 j 18:17	14°♏51'38		
greatest brilliancy	-10540 Dec 21 j 14:25	24°♏51'01	-4.7m	
retrograde	-10539 Jan 01 j 18:39	27°♏08'43		
evening set	-10539 Jan 19 j 02:47	21°♏22'39		
inferior conj	-10539 Jan 23 j 05:37	18°♏48'39	7°55'50	
minimum elong	-10539 Jan 23 j 02:08	18°♏54'11	7°55'15	
min. Earth dist.	-10539 Jan 23 j 12:51	18°♏37'10	0.29620 AU	
morning rise	-10539 Jan 27 j 01:25	16°♏24'36		
direct	-10539 Feb 14 j 03:51	10°♏14'55		
greatest brilliancy	-10539 Feb 24 j 03:50	12°♏02'00	-4.7m	
	-10539 Mar 24 j 02:17	0°♐		
desc. node	-10539 Mar 28 j 00:50	3°♐27'31		
morning max el	-10539 Apr 04 j 07:58	10°♐14'16	46°08'57	
	-10539 Apr 23 j 16:58	0°♑		
	-10539 May 20 j 11:30	0°♒		
	-10539 Jun 14 j 16:58	0°♓		
	-10539 Jul 09 j 02:44	0°♈		
asc. node	-10539 Jul 17 j 12:38	10°♈29'14		
	-10539 Aug 02 j 02:08	0°♉		
	-10539 Aug 25 j 21:48	0°♊		
	-10539 Sep 18 j 18:41	0°♋		
morning set	-10539 Oct 06 j 15:49	22°♋20'05		
	-10539 Oct 12 j 19:41	0°♌		
	-10539 Nov 06 j 01:18	0°♍		
desc. node	-10539 Nov 07 j 12:17	1°♍47'53		
superior conj	-10539 Nov 17 j 10:35	14°♍02'00	-0°22'09	
minimum elong	-10539 Nov 17 j 05:23	13°♍46'00	0°21'41	
max. Earth dist.	-10539 Nov 20 j 07:54	17°♍35'16	1.73100 AU	
	-10539 Nov 30 j 10:12	0°♎		
	-10539 Dec 24 j 20:39	0°♏		
evening rise	-10539 Dec 26 j 07:35	1°♏47'06		
	-10538 Jan 18 j 08:03	0°♐		
	-10538 Feb 11 j 21:30	0°♑		
asc. node	-10538 Feb 27 j 00:03	18°♑21'11		
	-10538 Mar 08 j 15:10	0°♒		
	-10538 Apr 02 j 15:25	0°♓		
	-10538 Apr 28 j 01:21	0°♈		
	-10538 May 24 j 04:24	0°♉		
desc. node	-10538 Jun 20 j 06:25	29°♉14'15		
	-10538 Jun 21 j 00:24	0°♊		
evening max el	-10538 Jun 22 j 15:43	1°♊39'17	47°42'23	
	-10538 Jul 26 j 19:06	0°♋		
greatest brilliancy	-10538 Aug 03 j 08:19	3°♋26'27	-4.9m	
retrograde	-10538 Aug 12 j 16:17	5°♋07'25		
	-10538 Aug 28 j 16:14	30°℞♊		
evening set	-10538 Aug 29 j 18:33	29°♊21'09		
inferior conj	-10538 Sep 02 j 09:39	27°♊07'02	-7°42'04	
minimum elong	-10538 Sep 02 j 18:32	26°♊53'11	7°40'06	
min. Earth dist.	-10538 Sep 01 j 21:52	27°♊25'25	0.26876 AU	
morning rise	-10538 Sep 06 j 18:47	24°♊27'20		
direct	-10538 Sep 22 j 14:46	19°♊25'10		
greatest brilliancy	-10538 Oct 02 j 06:08	21°♊13'05	-4.9m	
asc. node	-10538 Oct 09 j 23:12	24°♊49'37		
	-10538 Oct 17 j 21:20	0°♋		
morning max el	-10538 Nov 11 j 11:53	21°♋42'42	46°16'16	
	-10538 Nov 19 j 16:03	0°♌		
	-10538 Dec 17 j 10:03	0°♍		
	-10537 Jan 12 j 20:52	0°♎		
desc. node	-10537 Jan 31 j 02:27	21°♎08'53		
	-10537 Feb 07 j 15:39	0°♏		
	-10537 Mar 04 j 21:37	0°♐		
	-10537 Mar 29 j 16:01	0°♑		
	-10537 Apr 23 j 00:37	0°♒		
morning set	-10537 May 07 j 09:24	17°♒53'05		
	-10537 May 17 j 01:47	0°♓		
asc. node	-10537 May 22 j 11:48	6°♓47'53		
	-10537 Jun 09 j 22:07	0°♈		
max. Earth dist.	-10537 Jun 11 j 10:49	1°♈55'44	1.71071 AU	
superior conj	-10537 Jun 13 j 12:57	4°♈33'50	0°48'19	
minimum elong	-10537 Jun 13 j 04:03	4°♈05'46	0°47'58	
	-10537 Jul 03 j 16:20	0°♉		
evening rise	-10537 Jul 22 j 23:16	24°♉20'14		
	-10537 Jul 27 j 11:08	0°♊		
	-10537 Aug 20 j 08:55	0°♋		
desc. node	-10537 Sep 12 j 13:00	28°♋50'41		
	-10537 Sep 13 j 11:22	0°♌		
	-10537 Oct 07 j 19:38	0°♍		
	-10537 Nov 01 j 11:24	0°♎		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10537 Nov 26 j 15:13	0°♏	
	-10537 Dec 22 j 18:34	0°♐	
asc. node	-10536 Jan 02 j 04:22	11°♐24'33	
	-10536 Jan 20 j 04:24	0°♑	
evening max el	-10536 Jan 24 j 21:30	4°♑32'53	44°52'57
	-10536 Feb 28 j 02:35	0°♒	
greatest brilliancy	-10536 Mar 02 j 15:28	1°♒23'06	-4.7m
retrograde	-10536 Mar 12 j 19:11	3°♒11'31	
	-10536 Mar 25 j 19:21	30°℞♑	
evening set	-10536 Mar 28 j 14:54	28°♑33'37	
inferior conj	-10536 Apr 03 j 00:40	25°♑23'49	4°41'24
minimum elong	-10536 Apr 03 j 09:18	25°♑10'44	4°38'50
min. Earth dist.	-10536 Apr 04 j 07:04	24°♑37'44	0.28238 AU
morning rise	-10536 Apr 09 j 02:48	21°♑49'39	
desc. node	-10536 Apr 24 j 11:55	17°♑15'43	
direct	-10536 Apr 24 j 17:26	17°♑15'40	
greatest brilliancy	-10536 May 06 j 08:35	19°♑41'17	-4.8m
	-10536 May 23 j 12:09	0°♒	
morning max el	-10536 Jun 13 j 21:32	19°♒11'26	46°35'16
	-10536 Jun 24 j 08:14	0°♓	
	-10536 Jul 21 j 00:21	0°♈	
asc. node	-10536 Aug 14 j 01:47	28°♈46'16	
	-10536 Aug 15 j 02:01	0°♉	
	-10536 Sep 08 j 12:13	0°♊	
	-10536 Oct 02 j 18:06	0°♋	
	-10536 Oct 27 j 01:35	0°♌	
	-10536 Nov 20 j 12:35	0°♍	
desc. node	-10536 Dec 05 j 01:47	17°♍46'41	
	-10536 Dec 15 j 02:03	0°♎	
morning set	-10536 Dec 20 j 07:08	6°♎21'40	
	-10535 Jan 08 j 15:29	0°♏	
max. Earth dist.	-10535 Jan 24 j 08:39	19°♏14'39	1.73805 AU
superior conj	-10535 Jan 26 j 18:21	22°♏11'35	-1°20'27
minimum elong	-10535 Jan 26 j 16:39	22°♏06'22	1°20'53
	-10535 Feb 02 j 03:00	0°♐	
	-10535 Feb 26 j 12:13	0°♑	
evening rise	-10535 Mar 03 j 03:26	5°♑42'41	
	-10535 Mar 22 j 20:07	0°♒	
asc. node	-10535 Mar 26 j 12:04	4°♒31'07	
	-10535 Apr 16 j 04:05	0°♓	
	-10535 May 10 j 13:21	0°♈	
	-10535 Jun 04 j 01:33	0°♉	
	-10535 Jun 28 j 19:48	0°♊	
desc. node	-10535 Jul 17 j 16:38	22°♊28'35	
	-10535 Jul 24 j 02:38	0°♋	
	-10535 Aug 19 j 13:22	0°♌	
evening max el	-10535 Sep 02 j 01:53	14°♌19'09	47°20'10
	-10535 Sep 18 j 12:07	0°♍	
greatest brilliancy	-10535 Oct 12 j 08:32	15°♍59'47	-4.9m
retrograde	-10535 Oct 23 j 01:42	18°♍11'52	
asc. node	-10535 Nov 06 j 10:04	13°♍57'44	
evening set	-10535 Nov 06 j 22:27	13°♍40'16	
min. Earth dist.	-10535 Nov 12 j 10:36	10°♍15'32	0.28327 AU
inferior conj	-10535 Nov 13 j 03:12	9°♍48'38	1°34'47
minimum elong	-10535 Nov 12 j 23:59	9°♍53'51	1°34'06
morning rise	-10535 Nov 19 j 02:25	6°♍06'49	
direct	-10535 Dec 04 j 04:08	1°♍35'19	
greatest brilliancy	-10535 Dec 13 j 02:00	3°♍03'59	-4.8m
	-10534 Jan 20 j 09:01	0°♎	
morning max el	-10534 Jan 21 j 21:22	1°♎25'41	45°57'57
	-10534 Feb 18 j 21:24	0°♏	
desc. node	-10534 Feb 27 j 15:17	9°♏32'00	
	-10534 Mar 17 j 20:12	0°♐	
	-10534 Apr 12 j 12:24	0°♑	
	-10534 May 07 j 08:45	0°♒	
	-10534 May 31 j 15:28	0°♓	
asc. node	-10534 Jun 19 j 01:15	23°♓03'42	
	-10534 Jun 24 j 13:26	0°♈	
greatest brilliancy	-10534 Jun 27 j 16:47	3°♈57'41	-3.9m
morning set	-10534 Jul 18 j 06:27	29°♈58'38	
	-10534 Jul 18 j 06:53	0°♉	
	-10534 Aug 10 j 23:40	0°♊	
superior conj	-10534 Aug 28 j 15:28	22°♊16'33	1°16'23
minimum elong	-10534 Aug 29 j 00:10	22°♊43'55	1°16'49
	-10534 Sep 03 j 18:57	0°♋	
max. Earth dist.	-10534 Sep 04 j 11:33	0°♋52'05	1.71143 AU
	-10534 Sep 27 j 18:38	0°♌	
desc. node	-10534 Oct 10 j 01:24	15°♌15'42	
evening rise	-10534 Oct 11 j 01:56	16°♌31'44	
	-10534 Oct 21 j 23:07	0°♍	
	-10534 Nov 15 j 07:49	0°♎	
	-10534 Dec 09 j 20:47	0°♏	
	-10533 Jan 03 j 16:05	0°♐	
	-10533 Jan 28 j 22:35	0°♑	
asc. node	-10533 Jan 29 j 15:02	0°♑48'08	
	-10533 Feb 24 j 00:39	0°♒	
	-10533 Mar 23 j 15:14	0°♓	
evening max el	-10533 Apr 07 j 11:47	14°♓53'02	46°00'23
	-10533 Apr 24 j 12:11	0°♈	
greatest brilliancy	-10533 May 17 j 08:44	13°♈47'04	-4.8m
desc. node	-10533 May 22 j 22:31	15°♈10'37	
retrograde	-10533 May 27 j 01:42	15°♈30'04	
evening set	-10533 Jun 11 j 04:25	11°♈11'59	
inferior conj	-10533 Jun 16 j 21:21	7°♈56'46	-5°40'41
minimum elong	-10533 Jun 16 j 11:04	8°♈12'00	5°38'13
min. Earth dist.	-10533 Jun 16 j 16:58	8°♈03'16	0.26560 AU
morning rise	-10533 Jun 21 j 17:23	5°♈08'57	
direct	-10533 Jul 07 j 09:27	0°♈25'20	
greatest brilliancy	-10533 Jul 18 j 05:26	2°♈36'25	-4.9m
	-10533 Aug 23 j 08:44	0°♉	
morning max el	-10533 Aug 27 j 00:30	3°♉41'22	46°41'17
asc. node	-10533 Sep 11 j 14:08	20°♉18'44	
	-10533 Sep 20 j 05:42	0°♊	
	-10533 Oct 16 j 01:21	0°♋	
	-10533 Nov 10 j 06:40	0°♌	
	-10533 Dec 05 j 08:34	0°♍	
	-10533 Dec 30 j 09:08	0°♎	
desc. node	-10532 Jan 02 j 15:18	3°♎54'52	
	-10532 Jan 24 j 06:44	0°♏	
	-10532 Feb 17 j 23:15	0°♐	
morning set	-10532 Feb 27 j 15:35	11°♐50'40	
	-10532 Mar 13 j 09:55	0°♑	
max. Earth dist.	-10532 Mar 29 j 08:43	19°♑43'13	1.72852 AU
superior conj	-10532 Apr 02 j 17:36	25°♑08'33	-0°44'27
minimum elong	-10532 Apr 03 j 00:45	25°♑30'45	0°44'44
	-10532 Apr 06 j 15:28	0°♒	
asc. node	-10532 Apr 23 j 00:44	20°♒23'52	
	-10532 Apr 30 j 17:23	0°♓	
evening rise	-10532 May 08 j 10:04	9°♓36'52	
	-10532 May 24 j 17:18	0°♈	
	-10532 Jun 17 j 16:57	0°♉	
	-10532 Jul 11 j 18:24	0°♊	
	-10532 Aug 05 j 00:14	0°♋	
desc. node	-10532 Aug 14 j 03:39	11°♋13'26	
	-10532 Aug 29 j 13:37	0°♌	
	-10532 Sep 23 j 15:40	0°♍	
	-10532 Oct 19 j 18:36	0°♎	
evening max el	-10532 Nov 11 j 11:44	24°♎02'44	45°37'16
	-10532 Nov 17 j 15:35	0°♏	
asc. node	-10532 Dec 03 j 20:24	13°♏46'04	
greatest brilliancy	-10532 Dec 19 j 06:39	22°♏44'02	-4.7m

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

retrograde	-10532 Dec 30 j 12:45	25°♏03'24	
evening set	-10531 Jan 16 j 18:31	19°♏19'13	
inferior conj	-10531 Jan 20 j 23:04	16°♏42'21	7°52'03
minimum elong	-10531 Jan 20 j 19:00	16°♏48'49	7°51'25
min. Earth dist.	-10531 Jan 21 j 04:30	16°♏33'43	0.29621 AU
morning rise	-10531 Jan 24 j 19:29	14°♏17'23	
direct	-10531 Feb 11 j 21:24	8°♏08'38	
greatest brilliancy	-10531 Feb 21 j 18:51	9°♏54'04	-4.7m
	-10531 Mar 24 j 05:39	0°♐	
desc. node	-10531 Mar 27 j 03:01	2°♐35'23	
morning max el	-10531 Apr 02 j 01:19	8°♐07'39	46°08'05
	-10531 Apr 23 j 09:56	0°♑	
	-10531 May 20 j 01:33	0°♒	
	-10531 Jun 14 j 05:45	0°♓	
	-10531 Jul 08 j 14:51	0°♈	
asc. node	-10531 Jul 16 j 14:48	9°♈58'33	
	-10531 Aug 01 j 13:53	0°♉	
	-10531 Aug 25 j 09:19	0°♊	
	-10531 Sep 18 j 06:02	0°♋	
morning set	-10531 Oct 04 j 02:04	19°♋47'28	
	-10531 Oct 12 j 06:54	0°♌	
	-10531 Nov 05 j 12:22	0°♍	
desc. node	-10531 Nov 06 j 14:22	1°♍20'12	
superior conj	-10531 Nov 14 j 23:13	11°♍39'12	-0°18'44
minimum elong	-10531 Nov 14 j 18:44	11°♍25'25	0°18'17
max. Earth dist.	-10531 Nov 18 j 03:03	15°♍32'40	1.73048 AU
	-10531 Nov 29 j 21:10	0°♎	
evening rise	-10531 Dec 24 j 00:48	29°♎39'10	
	-10531 Dec 24 j 07:36	0°♏	
	-10530 Jan 17 j 19:07	0°♐	
	-10530 Feb 11 j 08:53	0°♑	
asc. node	-10530 Feb 26 j 02:21	17°♑52'54	
	-10530 Mar 08 j 03:05	0°♒	
	-10530 Apr 02 j 04:13	0°♓	
	-10530 Apr 27 j 15:35	0°♈	
	-10530 May 23 j 21:16	0°♉	
desc. node	-10530 Jun 19 j 08:35	28°♉21'28	
evening max el	-10530 Jun 20 j 06:56	29°♉17'43	47°40'25
	-10530 Jun 20 j 23:49	0°♊	
	-10530 Jul 29 j 09:30	0°♋	
greatest brilliancy	-10530 Jul 31 j 21:26	0°♋57'24	-4.9m
retrograde	-10530 Aug 10 j 05:57	2°♋38'15	
	-10530 Aug 21 j 12:12	30°℞♊	
evening set	-10530 Aug 27 j 10:37	26°♊48'25	
inferior conj	-10530 Aug 30 j 22:42	24°♊38'51	-7°53'32
minimum elong	-10530 Aug 31 j 07:10	24°♊25'42	7°51'44
min. Earth dist.	-10530 Aug 30 j 10:29	24°♊57'54	0.26843 AU
morning rise	-10530 Sep 04 j 03:59	22°♊05'04	
direct	-10530 Sep 20 j 04:12	16°♊58'15	
greatest brilliancy	-10530 Sep 29 j 18:52	18°♊45'49	-4.9m
asc. node	-10530 Oct 09 j 01:25	23°♊17'51	
	-10530 Oct 18 j 15:35	0°♋	
morning max el	-10530 Nov 09 j 02:14	19°♋22'03	46°17'17
	-10530 Nov 19 j 12:04	0°♌	
	-10530 Dec 17 j 01:21	0°♍	
	-10529 Jan 12 j 10:08	0°♎	
desc. node	-10529 Jan 30 j 04:44	20°♎39'06	
	-10529 Feb 07 j 03:51	0°♏	
	-10529 Mar 04 j 09:13	0°♐	
	-10529 Mar 29 j 03:18	0°♑	
	-10529 Apr 22 j 11:45	0°♒	
morning set	-10529 May 05 j 03:15	15°♒44'22	
	-10529 May 16 j 12:52	0°♓	
asc. node	-10529 May 21 j 13:53	6°♓19'34	
max. Earth dist.	-10529 Jun 08 j 17:39	29°♓10'49	1.71119 AU
	-10529 Jun 09 j 09:15	0°♈	
superior conj	-10529 Jun 11 j 03:40	2°♈13'41	0°45'28
minimum elong	-10529 Jun 10 j 19:08	1°♈46'50	0°45'05
	-10529 Jul 03 j 03:35	0°♉	
evening rise	-10529 Jul 20 j 09:23	21°♉45'06	
	-10529 Jul 26 j 22:33	0°♊	
	-10529 Aug 19 j 20:28	0°♋	
desc. node	-10529 Sep 11 j 15:10	28°♋21'11	
	-10529 Sep 12 j 23:05	0°♌	
	-10529 Oct 07 j 07:35	0°♍	
	-10529 Oct 31 j 23:46	0°♎	
	-10529 Nov 26 j 04:28	0°♏	
	-10529 Dec 22 j 09:54	0°♐	
asc. node	-10528 Jan 01 j 06:41	10°♐45'53	
	-10528 Jan 20 j 01:50	0°♑	
evening max el	-10528 Jan 22 j 11:55	2°♑19'06	44°52'26
greatest brilliancy	-10528 Feb 29 j 06:10	29°♑11'25	-4.7m
	-10528 Mar 02 j 22:32	0°♒	
retrograde	-10528 Mar 10 j 09:10	0°♒59'43	
	-10528 Mar 17 j 14:25	30°℞♑	
evening set	-10528 Mar 26 j 08:16	26°♑17'49	
inferior conj	-10528 Mar 31 j 15:45	23°♑10'56	4°57'18
minimum elong	-10528 Apr 01 j 00:34	22°♑57'31	4°54'45
min. Earth dist.	-10528 Apr 01 j 22:45	22°♑23'49	0.28317 AU
morning rise	-10528 Apr 06 j 15:56	19°♑38'42	
direct	-10528 Apr 22 j 08:50	15°♑01'09	
desc. node	-10528 Apr 23 j 14:04	15°♑02'51	
greatest brilliancy	-10528 May 04 j 00:19	17°♑26'21	-4.8m
	-10528 May 24 j 00:54	0°♒	
morning max el	-10528 Jun 11 j 11:19	16°♒49'15	46°34'28
	-10528 Jun 24 j 03:25	0°♓	
	-10528 Jul 20 j 15:36	0°♈	
asc. node	-10528 Aug 13 j 04:05	28°♈11'40	
	-10528 Aug 14 j 15:37	0°♉	
	-10528 Sep 08 j 00:57	0°♊	
	-10528 Oct 02 j 06:17	0°♋	
	-10528 Oct 26 j 13:23	0°♌	
	-10528 Nov 20 j 00:05	0°♍	
desc. node	-10528 Dec 04 j 03:51	17°♍18'21	
	-10528 Dec 14 j 13:17	0°♎	
morning set	-10528 Dec 17 j 22:25	4°♎07'40	
	-10527 Jan 08 j 02:33	0°♏	
max. Earth dist.	-10527 Jan 22 j 04:47	17°♏15'37	1.73807 AU
superior conj	-10527 Jan 24 j 13:15	20°♏08'42	-1°20'07
minimum elong	-10527 Jan 24 j 10:57	20°♏01'38	1°20'31
	-10527 Feb 01 j 13:58	0°♐	
	-10527 Feb 25 j 23:13	0°♑	
evening rise	-10527 Feb 28 j 23:30	3°♑42'37	
	-10527 Mar 22 j 07:19	0°♒	
asc. node	-10527 Mar 25 j 14:15	4°♒03'12	
	-10527 Apr 15 j 15:38	0°♓	
	-10527 May 10 j 01:26	0°♈	
	-10527 Jun 03 j 14:18	0°♉	
	-10527 Jun 28 j 09:30	0°♊	
desc. node	-10527 Jul 16 j 18:59	21°♊52'06	
	-10527 Jul 23 j 17:54	0°♋	
	-10527 Aug 19 j 08:06	0°♌	
evening max el	-10527 Aug 30 j 16:16	11°♌56'59	47°23'07
	-10527 Sep 18 j 20:19	0°♍	
greatest brilliancy	-10527 Oct 10 j 02:58	13°♍45'47	-4.9m
retrograde	-10527 Oct 20 j 17:53	15°♍56'21	
evening set	-10527 Nov 04 j 14:54	11°♍24'48	
asc. node	-10527 Nov 05 j 12:14	10°♍53'52	
min. Earth dist.	-10527 Nov 10 j 03:23	7°♍59'54	0.28262 AU
inferior conj	-10527 Nov 10 j 19:34	7°♍33'43	1°15'11
minimum elong	-10527 Nov 10 j 16:59	7°♍37'53	1°14'42
morning rise	-10527 Nov 16 j 19:54	3°♍50'15	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10527 Nov 26 j 04:01	30°℞♌	
direct	-10527 Dec 01 j 19:02	29°♌21'17	
	-10527 Dec 07 j 14:34	0°♍	
greatest brilliancy	-10527 Dec 10 j 18:27	0°♍51'08	-4.8m
morning max el	-10526 Jan 19 j 12:35	29°♍13'19	45°58'18
	-10526 Jan 20 j 08:12	0°♎	
	-10526 Feb 18 j 13:30	0°♏	
desc. node	-10526 Feb 26 j 17:24	8°♏56'11	
	-10526 Mar 17 j 09:48	0°♐	
	-10526 Apr 12 j 00:50	0°♑	
	-10526 May 06 j 20:35	0°♒	
	-10526 May 31 j 03:02	0°♓	
asc. node	-10526 Jun 18 j 03:28	22°♓34'29	
	-10526 Jun 24 j 00:55	0°♈	
greatest brilliancy	-10526 Jun 27 j 09:23	4°♈13'51	-3.9m
morning set	-10526 Jul 15 j 17:50	27°♈26'23	
	-10526 Jul 17 j 18:21	0°♉	
	-10526 Aug 10 j 11:08	0°♊	
superior conj	-10526 Aug 25 j 23:52	19°♊35'51	1°17'54
minimum elong	-10526 Aug 26 j 07:44	20°♊00'35	1°18'20
max. Earth dist.	-10526 Sep 01 j 12:14	27°♊47'33	1.71090 AU
	-10526 Sep 03 j 06:25	0°♋	
	-10526 Sep 27 j 06:06	0°♌	
evening rise	-10526 Oct 08 j 10:27	13°♌53'48	
desc. node	-10526 Oct 09 j 03:29	14°♌46'34	
	-10526 Oct 21 j 10:36	0°♍	
	-10526 Nov 14 j 19:22	0°♎	
	-10526 Dec 09 j 08:32	0°♏	
	-10525 Jan 03 j 04:17	0°♐	
	-10525 Jan 28 j 11:45	0°♑	
asc. node	-10525 Jan 28 j 17:22	0°♑16'27	
	-10525 Feb 23 j 15:45	0°♒	
	-10525 Mar 23 j 10:53	0°♓	
evening max el	-10525 Apr 05 j 00:55	12°♓31'21	45°56'52
	-10525 Apr 25 j 02:58	0°♈	
greatest brilliancy	-10525 May 14 j 19:12	11°♈18'08	-4.8m
desc. node	-10525 May 22 j 00:39	12°♈54'52	
retrograde	-10525 May 24 j 13:56	13°♈02'23	
evening set	-10525 Jun 08 j 13:21	8°♈47'50	
inferior conj	-10525 Jun 14 j 09:14	5°♈28'58	-5°21'48
minimum elong	-10525 Jun 13 j 23:11	5°♈43'49	5°19'19
min. Earth dist.	-10525 Jun 14 j 05:44	5°♈34'07	0.26587 AU
morning rise	-10525 Jun 19 j 08:43	2°♈36'52	
	-10525 Jun 24 j 19:59	30°℞♓	
direct	-10525 Jul 04 j 22:29	27°♓56'47	
	-10525 Jul 15 j 09:46	0°♈	
greatest brilliancy	-10525 Jul 15 j 19:26	0°♈09'13	-4.9m
	-10525 Aug 23 j 09:05	0°♉	
morning max el	-10525 Aug 24 j 14:20	1°♉14'25	46°41'39
asc. node	-10525 Sep 10 j 16:17	19°♉32'46	
	-10525 Sep 19 j 22:54	0°♊	
	-10525 Oct 15 j 15:57	0°♋	
	-10525 Nov 09 j 19:57	0°♌	
	-10525 Dec 04 j 21:00	0°♍	
	-10525 Dec 29 j 20:59	0°♎	
desc. node	-10524 Jan 01 j 17:34	3°♎26'10	
	-10524 Jan 23 j 18:11	0°♏	
	-10524 Feb 17 j 10:28	0°♐	
morning set	-10524 Feb 25 j 10:52	9°♐48'27	
	-10524 Mar 12 j 21:00	0°♑	
max. Earth dist.	-10524 Mar 27 j 05:57	17°♑45'57	1.72901 AU
superior conj	-10524 Mar 31 j 13:10	23°♑05'57	-0°46'53
minimum elong	-10524 Mar 31 j 20:32	23°♑28'46	0°47'10
	-10524 Apr 06 j 02:33	0°♒	
asc. node	-10524 Apr 22 j 02:53	19°♒55'52	
	-10524 Apr 30 j 04:34	0°♓	
evening rise	-10524 May 06 j 04:18	7°♓28'45	
	-10524 May 24 j 04:42	0°♈	
	-10524 Jun 17 j 04:36	0°♉	
	-10524 Jul 11 j 06:24	0°♊	
	-10524 Aug 04 j 12:42	0°♋	
desc. node	-10524 Aug 13 j 05:47	10°♋41'12	
	-10524 Aug 29 j 02:45	0°♌	
	-10524 Sep 23 j 05:54	0°♍	
	-10524 Oct 19 j 11:17	0°♎	
evening max el	-10524 Nov 09 j 04:31	21°♎51'30	45°40'32
	-10524 Nov 17 j 16:34	0°♏	
asc. node	-10524 Dec 02 j 22:46	12°♏37'54	
greatest brilliancy	-10524 Dec 16 j 23:38	20°♏36'42	-4.7m
retrograde	-10524 Dec 28 j 06:44	22°♏56'44	
evening set	-10523 Jan 14 j 10:11	17°♏14'59	
inferior conj	-10523 Jan 18 j 16:29	14°♏35'00	7°47'48
minimum elong	-10523 Jan 18 j 11:53	14°♏42'21	7°47'05
min. Earth dist.	-10523 Jan 18 j 20:09	14°♏29'10	0.29613 AU
morning rise	-10523 Jan 22 j 13:38	12°♏08'45	
direct	-10523 Feb 09 j 15:00	6°♏01'33	
greatest brilliancy	-10523 Feb 19 j 09:24	7°♏44'43	-4.7m
	-10523 Mar 24 j 07:50	0°♐	
desc. node	-10523 Mar 26 j 05:10	1°♐43'25	
morning max el	-10523 Mar 30 j 18:12	5°♐59'25	46°07'17
	-10523 Apr 23 j 02:48	0°♑	
	-10523 May 19 j 15:38	0°♒	
	-10523 Jun 13 j 18:35	0°♓	
	-10523 Jul 08 j 03:03	0°♈	
asc. node	-10523 Jul 15 j 17:07	9°♈28'02	
	-10523 Aug 01 j 01:44	0°♉	
	-10523 Aug 24 j 20:59	0°♊	
	-10523 Sep 17 j 17:37	0°♋	
morning set	-10523 Oct 01 j 11:59	17°♋12'53	
	-10523 Oct 11 j 18:22	0°♌	
	-10523 Nov 04 j 23:44	0°♍	
desc. node	-10523 Nov 05 j 16:29	0°♍51'42	
superior conj	-10523 Nov 12 j 11:01	9°♍12'48	-0°15'13
minimum elong	-10523 Nov 12 j 07:20	9°♍01'28	0°14'47
behind sun begin	-10523 Nov 11 j 20:56	8°♍29'23	
behind sun end	-10523 Nov 12 j 17:45	9°♍33'33	
max. Earth dist.	-10523 Nov 15 j 22:20	13°♍29'26	1.72994 AU
	-10523 Nov 29 j 08:25	0°♎	
evening rise	-10523 Dec 21 j 17:17	27°♎28'04	
	-10523 Dec 23 j 18:49	0°♏	
	-10522 Jan 17 j 06:27	0°♐	
	-10522 Feb 10 j 20:30	0°♑	
asc. node	-10522 Feb 25 j 04:31	17°♑23'28	
	-10522 Mar 07 j 15:15	0°♒	
	-10522 Apr 01 j 17:16	0°♓	
	-10522 Apr 27 j 06:07	0°♈	
	-10522 May 23 j 14:33	0°♉	
evening max el	-10522 Jun 17 j 21:39	26°♉54'51	47°38'20
desc. node	-10522 Jun 18 j 10:59	27°♉28'12	
	-10522 Jun 21 j 00:16	0°♊	
greatest brilliancy	-10522 Jul 29 j 10:49	28°♊28'53	-4.9m
	-10522 Aug 05 j 01:19	0°♋	
retrograde	-10522 Aug 07 j 19:10	0°♋09'05	
	-10522 Aug 10 j 12:05	30°℞♊	
evening set	-10522 Aug 25 j 02:36	24°♊16'09	
inferior conj	-10522 Aug 28 j 11:49	22°♊10'53	-8°03'58
minimum elong	-10522 Aug 28 j 19:47	21°♊58'30	8°02'20
min. Earth dist.	-10522 Aug 27 j 23:20	22°♊30'20	0.26814 AU
morning rise	-10522 Sep 01 j 13:14	19°♊42'46	
direct	-10522 Sep 17 j 17:24	14°♊31'30	
greatest brilliancy	-10522 Sep 27 j 08:01	16°♊18'49	-4.9m

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

asc. node	-10522 Oct 08 j 03:39	21°♊49'07		
	-10522 Oct 19 j 05:20	0°♋		
morning max el	-10522 Nov 06 j 15:37	16°♋58'15	46°18'02	
	-10522 Nov 19 j 07:43	0°♌		
	-10522 Dec 16 j 16:42	0°♍		
	-10521 Jan 11 j 23:34	0°♎		
desc. node	-10521 Jan 29 j 06:50	20°♎08'12		
	-10521 Feb 06 j 16:12	0°♏		
	-10521 Mar 03 j 20:56	0°♐		
	-10521 Mar 28 j 14:40	0°♑		
	-10521 Apr 21 j 22:56	0°♒		
morning set	-10521 May 02 j 21:05	13°♒35'29		
	-10521 May 16 j 00:01	0°♓		
asc. node	-10521 May 20 j 16:05	5°♓51'28		
max. Earth dist.	-10521 Jun 06 j 01:59	26°♓30'33	1.71169 AU	
superior conj	-10521 Jun 08 j 18:41	29°♓54'26	0°42'34	
minimum elong	-10521 Jun 08 j 10:34	29°♓28'53	0°42'09	
	-10521 Jun 08 j 20:27	0°♈		
	-10521 Jul 02 j 14:53	0°♉		
evening rise	-10521 Jul 17 j 20:09	19°♉12'00		
	-10521 Jul 26 j 09:57	0°♊		
	-10521 Aug 19 j 07:59	0°♋		
desc. node	-10521 Sep 10 j 17:17	27°♋51'40		
	-10521 Sep 12 j 10:45	0°♌		
	-10521 Oct 06 j 19:30	0°♍		
	-10521 Oct 31 j 12:12	0°♎		
	-10521 Nov 25 j 17:54	0°♏		
	-10521 Dec 22 j 01:35	0°♐		
asc. node	-10521 Dec 31 j 09:02	10°♐06'22		
evening max el	-10520 Jan 20 j 01:43	0°♑03'23	44°52'07	
	-10520 Jan 20 j 00:18	0°♑		
greatest brilliancy	-10520 Feb 26 j 20:31	26°♑58'58	-4.7m	
retrograde	-10520 Mar 07 j 23:30	28°♑47'47		
evening set	-10520 Mar 24 j 01:36	24°♑01'33		
inferior conj	-10520 Mar 29 j 06:46	20°♑57'48	5°12'43	
minimum elong	-10520 Mar 29 j 15:45	20°♑44'08	5°10'11	
min. Earth dist.	-10520 Mar 30 j 14:20	20°♑09'47	0.28395 AU	
morning rise	-10520 Apr 04 j 04:55	17°♑27'57		
direct	-10520 Apr 19 j 23:55	12°♑46'21		
desc. node	-10520 Apr 22 j 16:19	12°♑54'31		
greatest brilliancy	-10520 May 01 j 16:10	15°♑11'45	-4.8m	
	-10520 May 24 j 10:25	0°♒		
morning max el	-10520 Jun 09 j 01:44	14°♒28'56	46°33'44	
	-10520 Jun 23 j 22:04	0°♓		
	-10520 Jul 20 j 06:36	0°♈		
asc. node	-10520 Aug 12 j 06:06	27°♈36'43		
	-10520 Aug 14 j 05:02	0°♉		
	-10520 Sep 07 j 13:30	0°♊		
	-10520 Oct 01 j 18:18	0°♋		
	-10520 Oct 26 j 01:00	0°♌		
	-10520 Nov 19 j 11:25	0°♍		
desc. node	-10520 Dec 03 j 06:05	16°♍50'54		
	-10520 Dec 14 j 00:25	0°♎		
morning set	-10520 Dec 15 j 13:22	1°♎52'50		
	-10519 Jan 07 j 13:32	0°♏		
max. Earth dist.	-10519 Jan 19 j 24:00	15°♏13'54	1.73813 AU	
superior conj	-10519 Jan 22 j 07:44	18°♏04'43	-1°19'39	
minimum elong	-10519 Jan 22 j 04:49	17°♏55'48	1°20'02	
	-10519 Feb 01 j 00:53	0°♐		
	-10519 Feb 25 j 10:11	0°♑		
evening rise	-10519 Feb 26 j 19:08	1°♑41'28		
	-10519 Mar 21 j 18:28	0°♒		
asc. node	-10519 Mar 24 j 16:24	3°♒35'24		
	-10519 Apr 15 j 03:08	0°♓		
	-10519 May 09 j 13:26	0°♈		
	-10519 Jun 03 j 02:59	0°♉		
	-10519 Jun 27 j 23:09	0°♊		
desc. node	-10519 Jul 15 j 21:09	21°♊15'12		
	-10519 Jul 23 j 09:12	0°♋		
	-10519 Aug 19 j 03:06	0°♌		
evening max el	-10519 Aug 28 j 07:06	9°♌36'36	47°26'07	
	-10519 Sep 19 j 06:59	0°♍		
greatest brilliancy	-10519 Oct 07 j 20:50	11°♍31'43	-4.9m	
retrograde	-10519 Oct 18 j 10:27	13°♍41'36		
evening set	-10519 Nov 02 j 07:29	9°♍09'38		
asc. node	-10519 Nov 04 j 14:31	7°♍47'55		
inferior conj	-10519 Nov 08 j 11:54	5°♍19'21	0°55'21	
minimum elong	-10519 Nov 08 j 09:59	5°♍22'27	0°55'06	
min. Earth dist.	-10519 Nov 07 j 19:52	5°♍45'16	0.28200 AU	
morning rise	-10519 Nov 14 j 13:17	1°♍34'43		
	-10519 Nov 17 j 13:53	30°℞♌		
direct	-10519 Nov 29 j 10:02	27°♌07'49		
greatest brilliancy	-10519 Dec 08 j 10:34	28°♌38'45	-4.8m	
	-10519 Dec 12 j 01:03	0°♍		
morning max el	-10518 Jan 17 j 04:32	27°♍03'23	45°58'31	
	-10518 Jan 20 j 06:11	0°♎		
	-10518 Feb 18 j 05:09	0°♏		
desc. node	-10518 Feb 25 j 19:30	8°♏21'03		
	-10518 Mar 16 j 23:09	0°♐		
	-10518 Apr 11 j 13:05	0°♑		
	-10518 May 06 j 08:15	0°♒		
	-10518 May 30 j 14:25	0°♓		
asc. node	-10518 Jun 17 j 05:43	22°♓06'06		
	-10518 Jun 23 j 12:09	0°♈		
greatest brilliancy	-10518 Jun 26 j 19:55	4°♈11'38	-3.9m	
morning set	-10518 Jul 13 j 05:23	24°♈55'31		
	-10518 Jul 17 j 05:33	0°♉		
	-10518 Aug 09 j 22:20	0°♊		
superior conj	-10518 Aug 23 j 08:22	16°♊56'07	1°19'13	
minimum elong	-10518 Aug 23 j 15:18	17°♊17'56	1°19'40	
max. Earth dist.	-10518 Aug 29 j 14:15	24°♊47'49	1.71041 AU	
	-10518 Sep 02 j 17:38	0°♋		
	-10518 Sep 26 j 17:19	0°♌		
evening rise	-10518 Oct 05 j 18:57	11°♌16'29		
desc. node	-10518 Oct 08 j 05:40	14°♌18'39		
	-10518 Oct 20 j 21:49	0°♍		
	-10518 Nov 14 j 06:38	0°♎		
	-10518 Dec 08 j 19:59	0°♏		
	-10517 Jan 02 j 16:14	0°♐		
asc. node	-10517 Jan 27 j 19:30	29°♐44'48		
	-10517 Jan 28 j 00:43	0°♑		
	-10517 Feb 23 j 06:50	0°♒		
	-10517 Mar 23 j 06:58	0°♓		
evening max el	-10517 Apr 02 j 14:56	10°♓12'25	45°53'16	
	-10517 Apr 25 j 22:24	0°♈		
greatest brilliancy	-10517 May 12 j 05:34	8°♈49'38	-4.8m	
desc. node	-10517 May 21 j 03:00	10°♈33'43		
retrograde	-10517 May 22 j 02:10	10°♈34'48		
evening set	-10517 Jun 05 j 22:25	6°♈23'56		
inferior conj	-10517 Jun 11 j 20:57	3°♈01'29	-5°02'10	
minimum elong	-10517 Jun 11 j 11:13	3°♈15'52	4°59'43	
min. Earth dist.	-10517 Jun 11 j 18:17	3°♈05'25	0.26611 AU	
morning rise	-10517 Jun 16 j 23:46	0°♈05'10		
	-10517 Jun 17 j 03:35	30°℞♓		
direct	-10517 Jul 02 j 11:38	25°♓28'52		
greatest brilliancy	-10517 Jul 13 j 08:39	27°♓41'40	-4.9m	
	-10517 Jul 18 j 08:52	0°♈		
morning max el	-10517 Aug 22 j 03:55	28°♈47'54	46°41'58	
	-10517 Aug 23 j 08:02	0°♉		
asc. node	-10517 Sep 09 j 18:33	18°♉48'39		
	-10517 Sep 19 j 15:26	0°♊		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10517 Oct 15 j 06:04	0°♋	
	-10517 Nov 09 j 08:48	0°♌	
	-10517 Dec 04 j 09:03	0°♍	
	-10517 Dec 29 j 08:28	0°♎	
desc. node	-10517 Dec 31 j 19:38	2°♎57'58	
	-10516 Jan 23 j 05:16	0°♏	
	-10516 Feb 16 j 21:18	0°♐	
morning set	-10516 Feb 23 j 06:08	7°♐47'23	
	-10516 Mar 12 j 07:46	0°♑	
max. Earth dist.	-10516 Mar 25 j 01:57	15°♑45'53	1.72956 AU
superior conj	-10516 Mar 29 j 08:41	21°♑04'08	-0°49'15
minimum elong	-10516 Mar 29 j 16:11	21°♑27'23	0°49'32
	-10516 Apr 05 j 13:22	0°♒	
asc. node	-10516 Apr 21 j 05:09	19°♒29'00	
	-10516 Apr 29 j 15:33	0°♓	
evening rise	-10516 May 03 j 22:21	5°♓20'51	
	-10516 May 23 j 15:52	0°♈	
	-10516 Jun 16 j 16:03	0°♉	
	-10516 Jul 10 j 18:11	0°♊	
	-10516 Aug 04 j 00:55	0°♋	
desc. node	-10516 Aug 12 j 07:56	10°♋09'54	
	-10516 Aug 28 j 15:36	0°♌	
	-10516 Sep 22 j 19:54	0°♍	
	-10516 Oct 19 j 03:53	0°♎	
evening max el	-10516 Nov 06 j 21:13	19°♎40'57	45°43'48
	-10516 Nov 17 j 18:22	0°♏	
asc. node	-10516 Dec 02 j 01:06	11°♏28'59	
greatest brilliancy	-10516 Dec 14 j 17:25	18°♏31'26	-4.7m
retrograde	-10516 Dec 26 j 00:24	20°♏51'18	
evening set	-10515 Jan 12 j 01:50	15°♏12'28	
inferior conj	-10515 Jan 16 j 10:04	12°♏29'08	7°42'49
minimum elong	-10515 Jan 16 j 04:56	12°♏37'21	7°42'02
min. Earth dist.	-10515 Jan 16 j 12:14	12°♏25'39	0.29600 AU
morning rise	-10515 Jan 20 j 08:06	10°♏01'10	
direct	-10515 Feb 07 j 08:31	3°♏56'05	
greatest brilliancy	-10515 Feb 17 j 00:13	5°♏36'59	-4.7m
	-10515 Mar 24 j 08:13	0°♐	
desc. node	-10515 Mar 25 j 07:25	0°♐53'49	
morning max el	-10515 Mar 28 j 10:11	3°♐50'16	46°06'24
	-10515 Apr 22 j 19:00	0°♑	
	-10515 May 19 j 05:19	0°♒	
	-10515 Jun 13 j 07:08	0°♓	
	-10515 Jul 07 j 15:01	0°♈	
asc. node	-10515 Jul 14 j 19:10	8°♈57'20	
	-10515 Jul 31 j 13:22	0°♉	
	-10515 Aug 24 j 08:25	0°♊	
	-10515 Sep 17 j 04:54	0°♋	
morning set	-10515 Sep 28 j 21:46	14°♋38'43	
	-10515 Oct 11 j 05:31	0°♌	
	-10515 Nov 04 j 10:46	0°♍	
desc. node	-10515 Nov 04 j 18:42	0°♍24'31	
superior conj	-10515 Nov 09 j 22:44	6°♍47'00	-0°11'39
minimum elong	-10515 Nov 09 j 19:54	6°♍38'16	0°11'14
behind sun begin	-10515 Nov 09 j 01:02	5°♍40'08	
behind sun end	-10515 Nov 10 j 14:45	7°♍36'24	
max. Earth dist.	-10515 Nov 13 j 18:36	11°♍30'07	1.72936 AU
	-10515 Nov 28 j 19:22	0°♎	
evening rise	-10515 Dec 19 j 09:44	25°♎17'44	
	-10515 Dec 23 j 05:45	0°♏	
	-10514 Jan 16 j 17:30	0°♐	
	-10514 Feb 10 j 07:50	0°♑	
asc. node	-10514 Feb 24 j 06:47	16°♑55'16	
	-10514 Mar 07 j 03:07	0°♒	
	-10514 Apr 01 j 06:05	0°♓	
	-10514 Apr 26 j 20:31	0°♈	
	-10514 May 23 j 07:59	0°♉	
evening max el	-10514 Jun 15 j 11:11	24°♉29'10	47°35'49
desc. node	-10514 Jun 17 j 13:06	26°♉33'21	
	-10514 Jun 21 j 01:51	0°♊	
greatest brilliancy	-10514 Jul 27 j 00:34	26°♊00'18	-4.9m
retrograde	-10514 Aug 05 j 07:38	27°♊39'12	
evening set	-10514 Aug 22 j 18:08	21°♊43'33	
min. Earth dist.	-10514 Aug 25 j 12:20	20°♊01'39	0.26782 AU
inferior conj	-10514 Aug 26 j 00:40	19°♊42'26	-8°13'30
minimum elong	-10514 Aug 26 j 08:03	19°♊30'58	8°12'04
morning rise	-10514 Aug 29 j 22:11	17°♊20'00	
direct	-10514 Sep 15 j 05:46	12°♊04'05	
greatest brilliancy	-10514 Sep 24 j 21:27	13°♊51'54	-4.9m
asc. node	-10514 Oct 07 j 05:57	20°♊23'29	
	-10514 Oct 19 j 15:31	0°♋	
morning max el	-10514 Nov 04 j 04:05	14°♋32'19	46°19'03
	-10514 Nov 19 j 02:35	0°♌	
	-10514 Dec 16 j 07:35	0°♍	
	-10513 Jan 11 j 12:37	0°♎	
desc. node	-10513 Jan 28 j 08:53	19°♎38'01	
	-10513 Feb 06 j 04:14	0°♏	
	-10513 Mar 03 j 08:23	0°♐	
	-10513 Mar 28 j 01:46	0°♑	
	-10513 Apr 21 j 09:52	0°♒	
morning set	-10513 Apr 30 j 15:23	11°♒28'49	
	-10513 May 15 j 10:55	0°♓	
asc. node	-10513 May 19 j 18:20	5°♓24'16	
max. Earth dist.	-10513 Jun 03 j 14:04	24°♓02'47	1.71226 AU
superior conj	-10513 Jun 06 j 10:04	27°♓37'02	0°39'36
minimum elong	-10513 Jun 06 j 02:25	27°♓12'54	0°39'12
	-10513 Jun 08 j 07:27	0°♈	
	-10513 Jul 02 j 02:02	0°♉	
evening rise	-10513 Jul 15 j 07:13	16°♉40'13	
	-10513 Jul 25 j 21:16	0°♊	
	-10513 Aug 18 j 19:27	0°♋	
desc. node	-10513 Sep 09 j 19:32	27°♋22'39	
	-10513 Sep 11 j 22:23	0°♌	
	-10513 Oct 06 j 07:24	0°♍	
	-10513 Oct 31 j 00:34	0°♎	
	-10513 Nov 25 j 07:17	0°♏	
	-10513 Dec 21 j 17:19	0°♐	
asc. node	-10513 Dec 30 j 11:10	9°♐26'20	
evening max el	-10512 Jan 17 j 15:55	27°♐49'17	44°52'03
	-10512 Jan 19 j 23:27	0°♑	
greatest brilliancy	-10512 Feb 24 j 10:33	24°♑47'17	-4.7m
retrograde	-10512 Mar 05 j 14:37	26°♑37'22	
evening set	-10512 Mar 21 j 19:15	21°♑46'33	
inferior conj	-10512 Mar 26 j 22:04	18°♑46'00	5°27'25
minimum elong	-10512 Mar 27 j 07:09	18°♑32'10	5°24'56
min. Earth dist.	-10512 Mar 28 j 05:56	17°♑57'32	0.28471 AU
morning rise	-10512 Apr 01 j 18:07	15°♑18'54	
direct	-10512 Apr 17 j 15:28	10°♑32'53	
desc. node	-10512 Apr 21 j 18:32	10°♑52'05	
greatest brilliancy	-10512 Apr 29 j 08:05	12°♑58'31	-4.8m
	-10512 May 24 j 17:03	0°♒	
morning max el	-10512 Jun 06 j 17:17	12°♒12'25	46°33'01
	-10512 Jun 23 j 16:03	0°♓	
	-10512 Jul 19 j 21:16	0°♈	
asc. node	-10512 Aug 11 j 08:23	27°♈02'58	
	-10512 Aug 13 j 18:17	0°♉	
	-10512 Sep 07 j 02:00	0°♊	
	-10512 Oct 01 j 06:19	0°♋	
	-10512 Oct 25 j 12:40	0°♌	
	-10512 Nov 18 j 22:48	0°♍	
desc. node	-10512 Dec 02 j 08:09	16°♍22'53	
morning set	-10512 Dec 13 j 03:58	29°♍36'49	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10512 Dec 13 j 11:33	0°♎		
	-10511 Jan 07 j 00:30	0°♏		
max. Earth dist.	-10511 Jan 17 j 20:55	13°♏17'30	1.73816 AU	
superior conj	-10511 Jan 20 j 02:05	16°♏00'27	-1°19'05	
minimum elong	-10511 Jan 19 j 22:36	15°♏49'44	1°19'27	
	-10511 Jan 31 j 11:47	0°♐		
evening rise	-10511 Feb 24 j 14:59	29°♐41'02		
	-10511 Feb 24 j 21:09	0°♑		
	-10511 Mar 21 j 05:38	0°♒		
asc. node	-10511 Mar 23 j 18:43	3°♒08'03		
	-10511 Apr 14 j 14:40	0°♓		
	-10511 May 09 j 01:27	0°♈		
	-10511 Jun 02 j 15:40	0°♉		
	-10511 Jun 27 j 12:50	0°♊		
desc. node	-10511 Jul 14 j 23:18	20°♊38'08		
	-10511 Jul 23 j 00:40	0°♋		
	-10511 Aug 18 j 22:39	0°♌		
evening max el	-10511 Aug 25 j 22:48	7°♌18'15	47°28'47	
	-10511 Sep 19 j 21:35	0°♍		
greatest brilliancy	-10511 Oct 05 j 14:09	9°♍15'58	-4.9m	
retrograde	-10511 Oct 16 j 03:20	11°♍25'33		
evening set	-10511 Oct 31 j 00:02	6°♍52'56		
asc. node	-10511 Nov 03 j 16:51	4°♍38'27		
min. Earth dist.	-10511 Nov 05 j 11:57	3°♍29'30	0.28139 AU	
inferior conj	-10511 Nov 06 j 04:02	3°♍03'35	0°35'14	
minimum elong	-10511 Nov 06 j 02:48	3°♍05'34	0°35'11	
	-10511 Nov 11 j 01:21	30°℞♌		
morning rise	-10511 Nov 12 j 06:24	29°♌18'05		
direct	-10511 Nov 27 j 01:14	24°♌52'59		
greatest brilliancy	-10511 Dec 06 j 02:07	26°♌24'38	-4.8m	
	-10511 Dec 14 j 06:28	0°♍		
morning max el	-10510 Jan 14 j 21:12	24°♍54'31	45°58'50	
	-10510 Jan 20 j 03:36	0°♎		
	-10510 Feb 17 j 20:41	0°♏		
desc. node	-10510 Feb 24 j 21:48	7°♏46'26		
	-10510 Mar 16 j 12:28	0°♐		
	-10510 Apr 11 j 01:21	0°♑		
	-10510 May 05 j 19:59	0°♒		
	-10510 May 30 j 01:53	0°♓		
asc. node	-10510 Jun 16 j 07:46	21°♓36'50		
	-10510 Jun 22 j 23:30	0°♈		
greatest brilliancy	-10510 Jun 26 j 05:22	4°♈05'45	-3.9m	
morning set	-10510 Jul 10 j 17:38	22°♈26'41		
	-10510 Jul 16 j 16:50	0°♉		
	-10510 Aug 09 j 09:37	0°♊		
superior conj	-10510 Aug 20 j 17:25	14°♊17'46	1°20'20	
minimum elong	-10510 Aug 20 j 23:22	14°♊36'29	1°20'49	
max. Earth dist.	-10510 Aug 26 j 20:17	22°♊00'16	1.70997 AU	
	-10510 Sep 02 j 04:56	0°♋		
	-10510 Sep 26 j 04:40	0°♌		
evening rise	-10510 Oct 03 j 03:27	8°♌38'39		
desc. node	-10510 Oct 07 j 07:52	13°♌50'17		
	-10510 Oct 20 j 09:12	0°♍		
	-10510 Nov 13 j 18:07	0°♎		
	-10510 Dec 08 j 07:42	0°♏		
	-10509 Jan 02 j 04:27	0°♐		
asc. node	-10509 Jan 26 j 21:49	29°♐12'52		
	-10509 Jan 27 j 14:01	0°♑		
	-10509 Feb 22 j 22:20	0°♒		
	-10509 Mar 23 j 03:54	0°♓		
evening max el	-10509 Mar 31 j 05:24	7°♓54'13	45°49'43	
	-10509 Apr 27 j 00:49	0°♈		
greatest brilliancy	-10509 May 09 j 16:32	6°♈21'50	-4.8m	
retrograde	-10509 May 19 j 14:08	8°♈07'06		
desc. node	-10509 May 20 j 05:10	8°♈06'39		
evening set	-10509 Jun 03 j 07:54	3°♈59'53		
inferior conj	-10509 Jun 09 j 08:48	0°♈34'05	-4°42'02	
minimum elong	-10509 Jun 08 j 23:28	0°♈47'53	4°39'39	
min. Earth dist.	-10509 Jun 09 j 07:13	0°♈36'24	0.26636 AU	
	-10509 Jun 10 j 07:51	30°℞♓		
morning rise	-10509 Jun 14 j 14:47	27°♓33'25		
direct	-10509 Jun 30 j 00:52	23°♓01'02		
greatest brilliancy	-10509 Jul 10 j 21:55	25°♓13'49	-4.9m	
	-10509 Jul 20 j 04:02	0°♈		
morning max el	-10509 Aug 19 j 17:00	26°♈19'37	46°42'22	
	-10509 Aug 23 j 06:15	0°♉		
asc. node	-10509 Sep 08 j 20:49	18°♉04'42		
	-10509 Sep 19 j 07:50	0°♊		
	-10509 Oct 14 j 20:13	0°♋		
	-10509 Nov 08 j 21:47	0°♌		
	-10509 Dec 03 j 21:18	0°♍		
	-10509 Dec 28 j 20:12	0°♎		
desc. node	-10509 Dec 30 j 21:42	2°♎29'00		
	-10508 Jan 22 j 16:38	0°♏		
	-10508 Feb 16 j 08:26	0°♐		
morning set	-10508 Feb 21 j 01:16	5°♐45'00		
	-10508 Mar 11 j 18:49	0°♑		
max. Earth dist.	-10508 Mar 22 j 20:39	13°♑41'06	1.73006 AU	
superior conj	-10508 Mar 27 j 04:13	19°♑01'43	-0°51'33	
minimum elong	-10508 Mar 27 j 11:50	19°♑25'17	0°51'51	
	-10508 Apr 05 j 00:26	0°♒		
asc. node	-10508 Apr 20 j 07:19	19°♒01'04		
	-10508 Apr 29 j 02:45	0°♓		
evening rise	-10508 May 01 j 16:34	3°♓12'49		
	-10508 May 23 j 03:19	0°♈		
	-10508 Jun 16 j 03:47	0°♉		
	-10508 Jul 10 j 06:16	0°♊		
	-10508 Aug 03 j 13:26	0°♋		
desc. node	-10508 Aug 11 j 10:17	9°♋38'19		
	-10508 Aug 28 j 04:45	0°♌		
	-10508 Sep 22 j 10:14	0°♍		
	-10508 Oct 18 j 21:01	0°♎		
evening max el	-10508 Nov 04 j 13:12	17°♎27'43	45°46'58	
	-10508 Nov 17 j 22:03	0°♏		
asc. node	-10508 Dec 01 j 03:15	10°♏16'55		
greatest brilliancy	-10508 Dec 12 j 11:31	16°♏25'32	-4.7m	
retrograde	-10508 Dec 23 j 17:42	18°♏44'59		
evening set	-10507 Jan 09 j 17:25	13°♏09'13		
inferior conj	-10507 Jan 14 j 03:42	10°♏22'26	7°37'14	
minimum elong	-10507 Jan 13 j 22:03	10°♏31'29	7°36'23	
min. Earth dist.	-10507 Jan 14 j 04:46	10°♏20'43	0.29587 AU	
morning rise	-10507 Jan 18 j 02:47	7°♏52'29		
direct	-10507 Feb 05 j 01:38	1°♏49'40		
greatest brilliancy	-10507 Feb 14 j 15:46	3°♏28'56	-4.7m	
desc. node	-10507 Mar 24 j 09:36	0°♐03'49		
	-10507 Mar 24 j 07:59	0°♐		
morning max el	-10507 Mar 26 j 01:39	1°♐38'47	46°05'37	
	-10507 Apr 22 j 11:19	0°♑		
	-10507 May 18 j 19:11	0°♒		
	-10507 Jun 12 j 19:54	0°♓		
	-10507 Jul 07 j 03:12	0°♈		
asc. node	-10507 Jul 13 j 21:23	8°♈26'25		
	-10507 Jul 31 j 01:15	0°♉		
	-10507 Aug 23 j 20:08	0°♊		
	-10507 Sep 16 j 16:29	0°♋		
morning set	-10507 Sep 26 j 07:36	12°♋03'34		
	-10507 Oct 10 j 16:58	0°♌		
desc. node	-10507 Nov 03 j 20:46	29°♌56'00		
	-10507 Nov 03 j 22:04	0°♍		
superior conj	-10507 Nov 07 j 10:31	4°♍20'32	-0°08'05	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

minimum elong	-10507 Nov 07 j 08:33	4°♍14'30	0°07'41
behind sun begin	-10507 Nov 06 j 09:22	3°♍02'57	
behind sun end	-10507 Nov 08 j 07:45	5°♍26'01	
max. Earth dist.	-10507 Nov 11 j 14:05	9°♍27'29	1.72874 AU
	-10507 Nov 28 j 06:35	0°♎	
evening rise	-10507 Dec 17 j 02:11	23°♎06'31	
	-10507 Dec 22 j 16:59	0°♏	
	-10506 Jan 16 j 04:51	0°♐	
	-10506 Feb 09 j 19:30	0°♑	
asc. node	-10506 Feb 23 j 09:05	16°♑26'07	
	-10506 Mar 06 j 15:23	0°♒	
	-10506 Mar 31 j 19:19	0°♓	
	-10506 Apr 26 j 11:25	0°♈	
	-10506 May 23 j 02:06	0°♉	
evening max el	-10506 Jun 12 j 23:50	22°♉00'41	47°33'20
desc. node	-10506 Jun 16 j 15:19	25°♉36'52	
	-10506 Jun 21 j 05:08	0°♊	
greatest brilliancy	-10506 Jul 24 j 14:33	23°♊31'18	-4.9m
retrograde	-10506 Aug 02 j 19:58	25°♊08'56	
evening set	-10506 Aug 20 j 09:27	19°♊10'36	
min. Earth dist.	-10506 Aug 23 j 01:31	17°♊32'09	0.26756 AU
inferior conj	-10506 Aug 23 j 13:35	17°♊13'24	-8°22'06
minimum elong	-10506 Aug 23 j 20:17	17°♊02'58	8°20'50
morning rise	-10506 Aug 27 j 07:17	14°♊56'37	
direct	-10506 Sep 12 j 17:51	9°♊35'43	
greatest brilliancy	-10506 Sep 22 j 11:24	11°♊24'44	-4.9m
asc. node	-10506 Oct 06 j 08:12	18°♊59'47	
	-10506 Oct 19 j 23:20	0°♋	
morning max el	-10506 Nov 01 j 16:55	12°♋06'13	46°20'10
	-10506 Nov 18 j 21:17	0°♌	
	-10506 Dec 15 j 22:32	0°♍	
	-10505 Jan 11 j 01:50	0°♎	
desc. node	-10505 Jan 27 j 11:10	19°♎07'55	
	-10505 Feb 05 j 16:30	0°♏	
	-10505 Mar 02 j 20:05	0°♐	
	-10505 Mar 27 j 13:09	0°♑	
	-10505 Apr 20 j 21:07	0°♒	
morning set	-10505 Apr 28 j 09:39	9°♒21'13	
	-10505 May 14 j 22:08	0°♓	
asc. node	-10505 May 18 j 20:25	4°♓55'36	
max. Earth dist.	-10505 Jun 01 j 03:32	21°♓38'33	1.71279 AU
superior conj	-10505 Jun 04 j 01:27	25°♓18'46	0°36'35
minimum elong	-10505 Jun 03 j 18:18	24°♓56'14	0°36'10
	-10505 Jun 07 j 18:43	0°♈	
	-10505 Jul 01 j 13:26	0°♉	
evening rise	-10505 Jul 12 j 18:29	14°♉08'27	
	-10505 Jul 25 j 08:48	0°♊	
	-10505 Aug 18 j 07:08	0°♋	
desc. node	-10505 Sep 08 j 21:42	26°♋52'36	
	-10505 Sep 11 j 10:16	0°♌	
	-10505 Oct 05 j 19:35	0°♍	
	-10505 Oct 30 j 13:16	0°♎	
	-10505 Nov 24 j 21:02	0°♏	
	-10505 Dec 21 j 09:33	0°♐	
asc. node	-10505 Dec 29 j 13:35	8°♐45'57	
evening max el	-10504 Jan 15 j 06:53	25°♐36'32	44°52'08
	-10504 Jan 19 j 23:56	0°♑	
greatest brilliancy	-10504 Feb 21 j 23:52	22°♑34'32	-4.7m
retrograde	-10504 Mar 03 j 06:03	24°♑26'27	
evening set	-10504 Mar 19 j 12:54	19°♑31'07	
inferior conj	-10504 Mar 24 j 13:21	16°♑33'36	5°41'28
minimum elong	-10504 Mar 24 j 22:29	16°♑19'42	5°39'03
min. Earth dist.	-10504 Mar 25 j 21:05	15°♑45'20	0.28551 AU
morning rise	-10504 Mar 30 j 07:13	13°♑09'30	
direct	-10504 Apr 15 j 07:40	8°♑18'54	
desc. node	-10504 Apr 20 j 20:43	8°♑53'24	
greatest brilliancy	-10504 Apr 26 j 23:32	10°♑44'13	-4.8m
	-10504 May 24 j 22:02	0°♒	
morning max el	-10504 Jun 04 j 09:41	9°♒57'24	46°32'11
	-10504 Jun 23 j 09:58	0°♓	
	-10504 Jul 19 j 12:03	0°♈	
asc. node	-10504 Aug 10 j 10:40	26°♈28'44	
	-10504 Aug 13 j 07:40	0°♉	
	-10504 Sep 06 j 14:36	0°♊	
	-10504 Sep 30 j 18:25	0°♋	
	-10504 Oct 25 j 00:26	0°♌	
	-10504 Nov 18 j 10:18	0°♍	
desc. node	-10504 Dec 01 j 10:14	15°♍54'29	
morning set	-10504 Dec 10 j 18:26	27°♍19'48	
	-10504 Dec 12 j 22:51	0°♎	
	-10503 Jan 06 j 11:37	0°♏	
max. Earth dist.	-10503 Jan 15 j 19:12	11°♏24'48	1.73815 AU
superior conj	-10503 Jan 17 j 20:23	13°♏55'33	-1°18'25
minimum elong	-10503 Jan 17 j 16:19	13°♏43'03	1°18'43
	-10503 Jan 30 j 22:48	0°♐	
evening rise	-10503 Feb 22 j 10:54	27°♐40'36	
greatest brilliancy	-10503 Feb 22 j 14:33	27°♐51'48	-3.9m
	-10503 Feb 24 j 08:13	0°♑	
	-10503 Mar 20 j 16:55	0°♒	
asc. node	-10503 Mar 22 j 20:54	2°♒39'58	
	-10503 Apr 14 j 02:19	0°♓	
	-10503 May 08 j 13:39	0°♈	
	-10503 Jun 02 j 04:35	0°♉	
	-10503 Jun 27 j 02:49	0°♊	
desc. node	-10503 Jul 14 j 01:40	20°♊00'51	
	-10503 Jul 22 j 16:31	0°♋	
	-10503 Aug 18 j 18:57	0°♌	
evening max el	-10503 Aug 23 j 15:22	5°♌01'40	47°31'30
	-10503 Sep 20 j 17:20	0°♍	
greatest brilliancy	-10503 Oct 03 j 07:12	6°♍59'28	-4.9m
retrograde	-10503 Oct 13 j 20:20	9°♍08'42	
evening set	-10503 Oct 28 j 16:41	4°♍35'27	
asc. node	-10503 Nov 02 j 19:02	1°♍27'17	
min. Earth dist.	-10503 Nov 03 j 03:44	1°♍13'18	0.28077 AU
inferior conj	-10503 Nov 03 j 20:02	0°♍47'04	0°14'55
minimum elong	-10503 Nov 03 j 19:30	0°♍47'55	0°15'05
transit middle	-10503 Nov 03 j 19:30	0°♍47'55	0°15'05
transit begin	-10503 Nov 03 j 17:51	0°♍50'35	
transit end	-10503 Nov 03 j 21:10	0°♍45'15	
	-10503 Nov 05 j 01:21	30°℞♌	
morning rise	-10503 Nov 09 j 23:15	27°♌00'54	
direct	-10503 Nov 24 j 16:46	22°♌37'36	
greatest brilliancy	-10503 Dec 03 j 17:11	24°♌09'25	-4.8m
	-10503 Dec 15 j 17:37	0°♍	
morning max el	-10502 Jan 12 j 14:02	22°♍45'50	45°59'07
	-10502 Jan 20 j 00:22	0°♎	
	-10502 Feb 17 j 12:03	0°♏	
desc. node	-10502 Feb 23 j 23:53	7°♏11'20	
	-10502 Mar 16 j 01:43	0°♐	
	-10502 Apr 10 j 13:34	0°♑	
	-10502 May 05 j 07:40	0°♒	
	-10502 May 29 j 13:19	0°♓	
asc. node	-10502 Jun 15 j 10:01	21°♓08'11	
	-10502 Jun 22 j 10:51	0°♈	
greatest brilliancy	-10502 Jun 25 j 12:54	3°♈53'39	-3.9m
morning set	-10502 Jul 08 j 05:46	19°♈57'21	
	-10502 Jul 16 j 04:11	0°♉	
	-10502 Aug 08 j 20:58	0°♊	
superior conj	-10502 Aug 18 j 02:12	11°♊38'17	1°21'16
minimum elong	-10502 Aug 18 j 07:07	11°♊53'47	1°21'46
max. Earth dist.	-10502 Aug 24 j 02:26	19°♊12'44	1.70952 AU

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10502 Sep 01 j 16:17	0°♋	
	-10502 Sep 25 j 16:02	0°♌	
evening rise	-10502 Sep 30 j 11:20	5°♌58'43	
desc. node	-10502 Oct 06 j 09:57	13°♌21'31	
	-10502 Oct 19 j 20:36	0°♍	
	-10502 Nov 13 j 05:36	0°♎	
	-10502 Dec 07 j 19:25	0°♏	
	-10501 Jan 01 j 16:43	0°♐	
asc. node	-10501 Jan 26 j 00:10	28°♐40'58	
	-10501 Jan 27 j 03:23	0°♑	
	-10501 Feb 22 j 13:59	0°♒	
	-10501 Mar 23 j 01:24	0°♓	
evening max el	-10501 Mar 28 j 19:34	5°♓35'50	45°46'14
	-10501 Apr 28 j 13:09	0°♈	
greatest brilliancy	-10501 May 07 j 04:10	3°♈55'49	-4.8m
retrograde	-10501 May 17 j 01:38	5°♈40'32	
desc. node	-10501 May 19 j 07:21	5°♈34'45	
evening set	-10501 May 31 j 17:49	1°♈36'41	
	-10501 Jun 03 j 16:21	30°℞♓	
inferior conj	-10501 Jun 06 j 20:50	28°♓07'56	-4°21'36
minimum elong	-10501 Jun 06 j 11:58	28°♓21'05	4°19'17
min. Earth dist.	-10501 Jun 06 j 20:42	28°♓08'08	0.26665 AU
morning rise	-10501 Jun 12 j 05:49	25°♓02'55	
direct	-10501 Jun 27 j 13:53	20°♓34'19	
greatest brilliancy	-10501 Jul 08 j 11:55	22°♓47'31	-4.9m
	-10501 Jul 21 j 09:34	0°♈	
morning max el	-10501 Aug 17 j 05:11	23°♈49'12	46°42'30
	-10501 Aug 23 j 03:37	0°♉	
asc. node	-10501 Sep 07 j 22:59	17°♉21'02	
	-10501 Sep 18 j 23:58	0°♊	
	-10501 Oct 14 j 10:14	0°♋	
	-10501 Nov 08 j 10:38	0°♌	
	-10501 Dec 03 j 09:24	0°♍	
	-10501 Dec 28 j 07:46	0°♎	
desc. node	-10501 Dec 29 j 23:58	2°♎01'05	
	-10500 Jan 22 j 03:51	0°♏	
	-10500 Feb 15 j 19:26	0°♐	
morning set	-10500 Feb 18 j 20:17	3°♐42'45	
	-10500 Mar 11 j 05:43	0°♑	
max. Earth dist.	-10500 Mar 20 j 14:31	11°♑34'11	1.73055 AU
superior conj	-10500 Mar 24 j 23:56	17°♑00'22	-0°53'47
minimum elong	-10500 Mar 25 j 07:37	17°♑24'10	0°54'05
	-10500 Apr 04 j 11:22	0°♒	
asc. node	-10500 Apr 19 j 09:29	18°♒33'40	
	-10500 Apr 28 j 13:47	0°♓	
evening rise	-10500 Apr 29 j 11:04	1°♓06'21	
	-10500 May 22 j 14:32	0°♈	
	-10500 Jun 15 j 15:18	0°♉	
	-10500 Jul 09 j 18:10	0°♊	
	-10500 Aug 03 j 01:49	0°♋	
desc. node	-10500 Aug 10 j 12:24	9°♋06'26	
	-10500 Aug 27 j 17:50	0°♌	
	-10500 Sep 22 j 00:36	0°♍	
	-10500 Oct 18 j 14:24	0°♎	
evening max el	-10500 Nov 02 j 04:17	15°♎12'19	45°50'20
	-10500 Nov 18 j 03:28	0°♏	
asc. node	-10500 Nov 30 j 05:37	9°♏03'26	
greatest brilliancy	-10500 Dec 10 j 05:32	14°♏19'34	-4.7m
retrograde	-10500 Dec 21 j 10:53	16°♏38'58	
evening set	-10499 Jan 07 j 08:48	11°♏06'11	
inferior conj	-10499 Jan 11 j 21:16	8°♏16'01	7°31'06
minimum elong	-10499 Jan 11 j 15:09	8°♏25'51	7°30'09
min. Earth dist.	-10499 Jan 11 j 21:27	8°♏15'42	0.29570 AU
morning rise	-10499 Jan 15 j 21:33	5°♏43'55	
	-10499 Jan 29 j 23:45	30°℞♎	
direct	-10499 Feb 02 j 18:10	29°♎43'23	
	-10499 Feb 06 j 14:30	0°♏	
greatest brilliancy	-10499 Feb 12 j 07:51	1°♏21'51	-4.7m
desc. node	-10499 Mar 23 j 11:45	29°♏15'10	
morning max el	-10499 Mar 23 j 17:00	29°♏27'40	46°04'56
	-10499 Mar 24 j 06:32	0°♐	
	-10499 Apr 22 j 03:07	0°♑	
	-10499 May 18 j 08:42	0°♒	
	-10499 Jun 12 j 08:20	0°♓	
	-10499 Jul 06 j 15:04	0°♈	
asc. node	-10499 Jul 12 j 23:40	7°♈56'45	
	-10499 Jul 30 j 12:48	0°♉	
	-10499 Aug 23 j 07:32	0°♊	
	-10499 Sep 16 j 03:46	0°♋	
morning set	-10499 Sep 23 j 17:15	9°♋28'31	
	-10499 Oct 10 j 04:08	0°♌	
desc. node	-10499 Nov 02 j 22:56	29°♌28'28	
	-10499 Nov 03 j 09:09	0°♍	
superior conj	-10499 Nov 04 j 21:48	1°♍53'10	-0°04'27
minimum elong	-10499 Nov 04 j 20:46	1°♍49'56	0°04'04
behind sun begin	-10499 Nov 03 j 19:15	0°♍31'13	
behind sun end	-10499 Nov 05 j 22:16	3°♍08'39	
max. Earth dist.	-10499 Nov 09 j 06:27	7°♍15'53	1.72811 AU
	-10499 Nov 27 j 17:35	0°♎	
evening rise	-10499 Dec 14 j 18:02	20°♎54'11	
	-10499 Dec 22 j 03:58	0°♏	
	-10498 Jan 15 j 15:58	0°♐	
	-10498 Feb 09 j 06:57	0°♑	
asc. node	-10498 Feb 22 j 11:15	15°♑57'14	
	-10498 Mar 06 j 03:26	0°♒	
	-10498 Mar 31 j 08:23	0°♓	
	-10498 Apr 26 j 02:14	0°♈	
	-10498 May 22 j 20:18	0°♉	
evening max el	-10498 Jun 10 j 12:24	19°♉33'07	47°30'54
desc. node	-10498 Jun 15 j 17:42	24°♉40'40	
	-10498 Jun 21 j 09:35	0°♊	
greatest brilliancy	-10498 Jul 22 j 04:09	21°♊03'06	-4.9m
retrograde	-10498 Jul 31 j 08:35	22°♊40'12	
evening set	-10498 Aug 18 j 00:31	16°♊39'14	
min. Earth dist.	-10498 Aug 20 j 14:32	15°♊04'14	0.26731 AU
inferior conj	-10498 Aug 21 j 02:30	14°♊45'42	-8°29'43
minimum elong	-10498 Aug 21 j 08:31	14°♊36'23	8°28'35
morning rise	-10498 Aug 24 j 16:37	12°♊34'32	
direct	-10498 Sep 10 j 06:00	7°♊08'31	
greatest brilliancy	-10498 Sep 20 j 01:17	8°♊58'57	-4.9m
asc. node	-10498 Oct 05 j 10:26	17°♊40'02	
	-10498 Oct 20 j 04:23	0°♋	
morning max el	-10498 Oct 30 j 06:40	9°♋43'21	46°21'09
	-10498 Nov 18 j 15:10	0°♌	
	-10498 Dec 15 j 13:02	0°♍	
	-10497 Jan 10 j 14:42	0°♎	
desc. node	-10497 Jan 26 j 13:14	18°♎38'04	
	-10497 Feb 05 j 04:26	0°♏	
	-10497 Mar 02 j 07:28	0°♐	
	-10497 Mar 27 j 00:13	0°♑	
	-10497 Apr 20 j 08:02	0°♒	
morning set	-10497 Apr 26 j 03:56	7°♒14'44	
	-10497 May 14 j 09:03	0°♓	
asc. node	-10497 May 17 j 22:40	4°♓28'23	
max. Earth dist.	-10497 May 29 j 17:03	19°♓15'27	1.71333 AU
superior conj	-10497 Jun 01 j 16:59	23°♓01'52	0°33'32
minimum elong	-10497 Jun 01 j 10:22	22°♓41'03	0°33'05
	-10497 Jun 07 j 05:44	0°♈	
	-10497 Jul 01 j 00:34	0°♉	
evening rise	-10497 Jul 10 j 06:08	11°♉38'41	
	-10497 Jul 24 j 20:02	0°♊	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10497 Aug 17 j 18:30	0°♋	
desc. node	-10497 Sep 07 j 23:51	26°♋23'34	
	-10497 Sep 10 j 21:49	0°♌	
	-10497 Oct 05 j 07:25	0°♍	
	-10497 Oct 30 j 01:39	0°♎	
	-10497 Nov 24 j 10:32	0°♏	
	-10497 Dec 21 j 01:44	0°♐	
asc. node	-10497 Dec 28 j 15:52	8°♐05'38	
evening max el	-10496 Jan 12 j 22:44	23°♐26'45	44°52'18
	-10496 Jan 20 j 01:19	0°♑	
greatest brilliancy	-10496 Feb 19 j 13:28	20°♑23'12	-4.7m
retrograde	-10496 Feb 29 j 21:42	22°♑16'36	
evening set	-10496 Mar 17 j 06:45	17°♑17'03	
inferior conj	-10496 Mar 22 j 04:47	14°♑22'22	5°54'56
minimum elong	-10496 Mar 22 j 13:54	14°♑08'29	5°52'36
min. Earth dist.	-10496 Mar 23 j 11:59	13°♑34'50	0.28626 AU
morning rise	-10496 Mar 27 j 20:19	11°♑01'24	
direct	-10496 Apr 13 j 00:21	6°♑06'26	
desc. node	-10496 Apr 19 j 22:57	7°♑00'09	
greatest brilliancy	-10496 Apr 24 j 14:20	8°♑30'23	-4.8m
	-10496 May 25 j 00:54	0°♒	
morning max el	-10496 Jun 02 j 02:08	7°♒43'41	46°31'12
	-10496 Jun 23 j 03:11	0°♓	
	-10496 Jul 19 j 02:24	0°♈	
asc. node	-10496 Aug 09 j 12:42	25°♈54'45	
	-10496 Aug 12 j 20:41	0°♉	
	-10496 Sep 06 j 02:52	0°♊	
	-10496 Sep 30 j 06:12	0°♋	
	-10496 Oct 24 j 11:51	0°♌	
	-10496 Nov 17 j 21:28	0°♍	
desc. node	-10496 Nov 30 j 12:29	15°♍27'39	
morning set	-10496 Dec 08 j 09:02	25°♍04'11	
	-10496 Dec 12 j 09:48	0°♎	
	-10495 Jan 05 j 22:25	0°♏	
max. Earth dist.	-10495 Jan 13 j 18:44	9°♏36'45	1.73815 AU
superior conj	-10495 Jan 15 j 14:37	11°♏51'13	-1°17'37
minimum elong	-10495 Jan 15 j 09:57	11°♏36'57	1°17'54
	-10495 Jan 30 j 09:33	0°♐	
evening rise	-10495 Feb 20 j 06:44	25°♐40'37	
greatest brilliancy	-10495 Feb 21 j 06:53	26°♐54'56	-3.9m
	-10495 Feb 23 j 19:03	0°♑	
	-10495 Mar 20 j 03:59	0°♒	
asc. node	-10495 Mar 21 j 23:04	2°♒12'33	
	-10495 Apr 13 j 13:46	0°♓	
	-10495 May 08 j 01:38	0°♈	
	-10495 Jun 01 j 17:20	0°♉	
	-10495 Jun 26 j 16:42	0°♊	
desc. node	-10495 Jul 13 j 03:48	19°♊23'07	
	-10495 Jul 22 j 08:24	0°♋	
	-10495 Aug 18 j 15:40	0°♌	
evening max el	-10495 Aug 21 j 08:37	2°♌47'17	47°34'02
	-10495 Sep 21 j 19:53	0°♍	
greatest brilliancy	-10495 Oct 01 j 00:31	4°♍43'52	-4.9m
retrograde	-10495 Oct 11 j 13:11	6°♍52'13	
evening set	-10495 Oct 26 j 09:31	2°♍18'32	
	-10495 Oct 30 j 04:37	30°℞♌	
min. Earth dist.	-10495 Oct 31 j 19:34	28°♌57'39	0.28009 AU
inferior conj	-10495 Nov 01 j 12:01	28°♌31'10	-0°05'34
minimum elong	-10495 Nov 01 j 12:12	28°♌30'53	0°05'10
transit middle	-10495 Nov 01 j 12:12	28°♌30'53	0°05'10
transit begin	-10495 Nov 01 j 08:24	28°♌37'00	
transit end	-10495 Nov 01 j 16:00	28°♌24'45	
asc. node	-10495 Nov 01 j 21:21	28°♌16'10	
morning rise	-10495 Nov 07 j 15:54	24°♌44'26	
direct	-10495 Nov 22 j 08:28	20°♌23'07	
greatest brilliancy	-10495 Dec 01 j 08:04	21°♌54'40	-4.8m
	-10495 Dec 16 j 18:06	0°♍	
morning max el	-10494 Jan 10 j 06:15	20°♍36'27	45°59'22
	-10494 Jan 19 j 20:07	0°♎	
	-10494 Feb 17 j 02:56	0°♏	
desc. node	-10494 Feb 23 j 02:00	6°♏37'18	
	-10494 Mar 15 j 14:40	0°♐	
	-10494 Apr 10 j 01:34	0°♑	
	-10494 May 04 j 19:12	0°♒	
	-10494 May 29 j 00:36	0°♓	
asc. node	-10494 Jun 14 j 12:14	20°♓39'59	
	-10494 Jun 21 j 22:02	0°♈	
greatest brilliancy	-10494 Jun 24 j 18:01	3°♈34'32	-3.9m
morning set	-10494 Jul 05 j 18:00	17°♈28'55	
	-10494 Jul 15 j 15:20	0°♉	
	-10494 Aug 08 j 08:09	0°♊	
superior conj	-10494 Aug 15 j 11:09	8°♊59'47	1°22'02
minimum elong	-10494 Aug 15 j 14:59	9°♊11'52	1°22'32
max. Earth dist.	-10494 Aug 21 j 07:15	16°♊21'25	1.70911 AU
	-10494 Sep 01 j 03:32	0°♋	
	-10494 Sep 25 j 03:18	0°♌	
evening rise	-10494 Sep 27 j 19:02	3°♌18'20	
desc. node	-10494 Oct 05 j 12:09	12°♌53'23	
	-10494 Oct 19 j 07:53	0°♍	
	-10494 Nov 12 j 16:56	0°♎	
	-10494 Dec 07 j 06:59	0°♏	
	-10493 Jan 01 j 04:50	0°♐	
asc. node	-10493 Jan 25 j 02:18	28°♐08'49	
	-10493 Jan 26 j 16:39	0°♑	
	-10493 Feb 22 j 05:44	0°♒	
	-10493 Mar 22 j 23:37	0°♓	
evening max el	-10493 Mar 26 j 08:59	3°♓16'03	45°42'40
	-10493 Apr 30 j 20:04	0°♈	
greatest brilliancy	-10493 May 04 j 16:17	1°♈30'39	-4.8m
retrograde	-10493 May 14 j 12:44	3°♈14'33	
desc. node	-10493 May 18 j 09:41	2°♈57'14	
	-10493 May 27 j 14:29	30°℞♓	
evening set	-10493 May 29 j 03:59	29°♓13'27	
inferior conj	-10493 Jun 04 j 08:57	25°♓42'21	-4°00'36
minimum elong	-10493 Jun 04 j 00:37	25°♓54'42	3°58'25
min. Earth dist.	-10493 Jun 04 j 10:36	25°♓39'54	0.26698 AU
morning rise	-10493 Jun 09 j 20:48	22°♓33'06	
direct	-10493 Jun 25 j 02:26	18°♓07'52	
greatest brilliancy	-10493 Jul 06 j 02:37	20°♓22'21	-4.9m
	-10493 Jul 22 j 07:01	0°♈	
morning max el	-10493 Aug 14 j 16:40	21°♈17'07	46°42'40
	-10493 Aug 23 j 00:13	0°♉	
asc. node	-10493 Sep 07 j 01:15	16°♉38'21	
	-10493 Sep 18 j 15:48	0°♊	
	-10493 Oct 14 j 00:06	0°♋	
	-10493 Nov 07 j 23:25	0°♌	
	-10493 Dec 02 j 21:27	0°♍	
	-10493 Dec 27 j 19:18	0°♎	
desc. node	-10493 Dec 29 j 02:00	1°♎32'30	
	-10492 Jan 21 j 15:00	0°♏	
	-10492 Feb 15 j 06:22	0°♐	
morning set	-10492 Feb 16 j 15:25	1°♐41'05	
	-10492 Mar 10 j 16:35	0°♑	
max. Earth dist.	-10492 Mar 18 j 10:11	9°♑33'03	1.73108 AU
superior conj	-10492 Mar 22 j 19:50	14°♑59'47	-0°55'55
minimum elong	-10492 Mar 23 j 03:33	15°♑23'41	0°56'14
	-10492 Apr 03 j 22:17	0°♒	
asc. node	-10492 Apr 18 j 11:46	18°♒06'30	
evening rise	-10492 Apr 27 j 05:45	29°♒00'26	
	-10492 Apr 28 j 00:52	0°♓	
	-10492 May 22 j 01:52	0°♈	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10492 Jun 15 j 02:56	0°♉		
	-10492 Jul 09 j 06:11	0°♊		
	-10492 Aug 02 j 14:19	0°♋		
desc. node	-10492 Aug 09 j 14:34	8°♋34'19		
	-10492 Aug 27 j 07:05	0°♌		
	-10492 Sep 21 j 15:13	0°♍		
	-10492 Oct 18 j 08:18	0°♎		
evening max el	-10492 Oct 30 j 19:06	12°♎55'48	45°53'49	
	-10492 Nov 18 j 11:21	0°♏		
asc. node	-10492 Nov 29 j 07:57	7°♏47'22		
greatest brilliancy	-10492 Dec 07 j 23:12	12°♏12'42	-4.7m	
retrograde	-10492 Dec 19 j 04:22	14°♏32'47		
evening set	-10491 Jan 05 j 00:08	9°♏02'50		
inferior conj	-10491 Jan 09 j 14:53	6°♏09'21	7°24'17	
minimum elong	-10491 Jan 09 j 08:20	6°♏19'53	7°23'15	
min. Earth dist.	-10491 Jan 09 j 14:09	6°♏10'32	0.29548 AU	
morning rise	-10491 Jan 13 j 16:33	3°♏35'04		
	-10491 Jan 20 j 10:44	30°℞♎		
direct	-10491 Jan 31 j 10:37	27°♎36'50		
greatest brilliancy	-10491 Feb 10 j 00:10	29°♎15'03	-4.7m	
	-10491 Feb 12 j 02:16	0°♏		
morning max el	-10491 Mar 21 j 08:50	27°♏17'49	46°04'22	
desc. node	-10491 Mar 22 j 14:00	28°♏27'34		
	-10491 Mar 24 j 04:14	0°♐		
	-10491 Apr 21 j 18:43	0°♑		
	-10491 May 17 j 22:11	0°♒		
	-10491 Jun 11 j 20:51	0°♓		
	-10491 Jul 06 j 03:05	0°♈		
asc. node	-10491 Jul 12 j 01:42	7°♈25'44		
	-10491 Jul 30 j 00:34	0°♉		
	-10491 Aug 22 j 19:08	0°♊		
	-10491 Sep 15 j 15:14	0°♋		
morning set	-10491 Sep 21 j 02:38	6°♋51'47		
	-10491 Oct 09 j 15:30	0°♌		
superior conj	-10491 Nov 02 j 08:45	29°♌23'59	-0°00'44	
minimum elong	-10491 Nov 02 j 08:40	29°♌23'42	0°00'23	
behind sun begin	-10491 Nov 01 j 06:28	28°♌02'49		
behind sun end	-10491 Nov 03 j 10:51	0°♍44'33		
desc. node	-10491 Nov 02 j 01:09	29°♌00'28		
	-10491 Nov 02 j 20:25	0°♍		
max. Earth dist.	-10491 Nov 06 j 20:56	4°♍57'49	1.72749 AU	
	-10491 Nov 27 j 04:49	0°♎		
evening rise	-10491 Dec 12 j 09:42	18°♎40'31		
	-10491 Dec 21 j 15:13	0°♏		
	-10490 Jan 15 j 03:19	0°♐		
	-10490 Feb 08 j 18:36	0°♑		
asc. node	-10490 Feb 21 j 13:32	15°♑28'07		
	-10490 Mar 05 j 15:41	0°♒		
	-10490 Mar 30 j 21:41	0°♓		
	-10490 Apr 25 j 17:23	0°♈		
	-10490 May 22 j 15:12	0°♉		
evening max el	-10490 Jun 08 j 01:19	17°♉05'44	47°28'07	
desc. node	-10490 Jun 14 j 19:49	23°♉41'36		
	-10490 Jun 21 j 16:28	0°♊		
greatest brilliancy	-10490 Jul 19 j 16:48	18°♊32'08	-4.9m	
retrograde	-10490 Jul 28 j 21:18	20°♊09'25		
evening set	-10490 Aug 15 j 14:54	14°♊06'02		
min. Earth dist.	-10490 Aug 18 j 02:56	12°♊34'25	0.26711 AU	
inferior conj	-10490 Aug 18 j 15:03	12°♊15'44	-8°36'12	
minimum elong	-10490 Aug 18 j 20:19	12°♊07'36	8°35'14	
morning rise	-10490 Aug 22 j 01:49	10°♊09'58		
direct	-10490 Sep 07 j 18:27	4°♊39'00		
greatest brilliancy	-10490 Sep 17 j 14:33	6°♊30'36	-4.9m	
asc. node	-10490 Oct 04 j 12:43	16°♊21'24		
	-10490 Oct 20 j 08:15	0°♋		
morning max el	-10490 Oct 27 j 20:54	7°♋20'19	46°22'11	
	-10490 Nov 18 j 09:05	0°♌		
	-10490 Dec 15 j 03:44	0°♍		
	-10489 Jan 10 j 03:50	0°♎		
desc. node	-10489 Jan 25 j 15:19	18°♎07'20		
	-10489 Feb 04 j 16:40	0°♏		
	-10489 Mar 01 j 19:08	0°♐		
	-10489 Mar 26 j 11:33	0°♑		
	-10489 Apr 19 j 19:11	0°♒		
morning set	-10489 Apr 23 j 22:41	5°♒09'03		
	-10489 May 13 j 20:12	0°♓		
asc. node	-10489 May 17 j 00:53	4°♓00'23		
max. Earth dist.	-10489 May 27 j 06:55	16°♓52'54	1.71387 AU	
superior conj	-10489 May 30 j 09:00	20°♓45'57	0°30'27	
minimum elong	-10489 May 30 j 02:57	20°♓26'55	0°30'01	
	-10489 Jun 06 j 16:58	0°♈		
	-10489 Jun 30 j 11:57	0°♉		
evening rise	-10489 Jul 07 j 18:11	9°♉09'18		
	-10489 Jul 24 j 07:35	0°♊		
	-10489 Aug 17 j 06:14	0°♋		
desc. node	-10489 Sep 07 j 02:06	25°♋53'37		
	-10489 Sep 10 j 09:46	0°♌		
	-10489 Oct 04 j 19:42	0°♍		
	-10489 Oct 29 j 14:30	0°♎		
	-10489 Nov 24 j 00:34	0°♏		
	-10489 Dec 20 j 18:40	0°♐		
asc. node	-10489 Dec 27 j 18:01	7°♐23'14		
evening max el	-10488 Jan 10 j 14:49	21°♐16'13	44°52'35	
	-10488 Jan 20 j 04:43	0°♑		
greatest brilliancy	-10488 Feb 17 j 03:45	18°♑11'38	-4.7m	
retrograde	-10488 Feb 27 j 13:08	20°♑05'40		
evening set	-10488 Mar 15 j 00:39	15°♑02'14		
inferior conj	-10488 Mar 19 j 20:15	12°♑10'19	6°07'54	
minimum elong	-10488 Mar 20 j 05:17	11°♑56'29	6°05'39	
min. Earth dist.	-10488 Mar 21 j 02:53	11°♑23'29	0.28695 AU	
morning rise	-10488 Mar 25 j 09:17	8°♑52'24		
direct	-10488 Apr 10 j 17:02	3°♑53'19		
desc. node	-10488 Apr 19 j 01:11	5°♑10'04		
greatest brilliancy	-10488 Apr 22 j 04:38	6°♑15'10	-4.8m	
	-10488 May 25 j 02:40	0°♒		
morning max el	-10488 May 30 j 17:49	5°♒27'29	46°30'20	
	-10488 Jun 22 j 20:19	0°♓		
	-10488 Jul 18 j 16:49	0°♈		
asc. node	-10488 Aug 08 j 14:59	25°♈20'58		
	-10488 Aug 12 j 09:52	0°♉		
	-10488 Sep 05 j 15:23	0°♊		
	-10488 Sep 29 j 18:19	0°♋		
	-10488 Oct 23 j 23:41	0°♌		
	-10488 Nov 17 j 09:02	0°♍		
desc. node	-10488 Nov 29 j 14:30	14°♍58'52		
morning set	-10488 Dec 05 j 22:58	22°♍45'11		
	-10488 Dec 11 j 21:09	0°♎		
	-10487 Jan 05 j 09:37	0°♏		
max. Earth dist.	-10487 Jan 11 j 18:11	7°♏47'16	1.73809 AU	
superior conj	-10487 Jan 13 j 08:14	9°♏43'51	-1°16'42	
minimum elong	-10487 Jan 13 j 03:01	9°♏27'54	1°16'58	
	-10487 Jan 29 j 20:42	0°♐		
evening rise	-10487 Feb 18 j 02:13	23°♐38'27		
greatest brilliancy	-10487 Feb 19 j 22:07	25°♐53'28	-3.9m	
	-10487 Feb 23 j 06:16	0°♑		
	-10487 Mar 19 j 15:26	0°♒		
asc. node	-10487 Mar 21 j 01:23	1°♒44'22		
	-10487 Apr 13 j 01:36	0°♓		
	-10487 May 07 j 13:59	0°♈		
	-10487 Jun 01 j 06:25	0°♉		
	-10487 Jun 26 j 06:55	0°♊		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

desc. node	-10487 Jul 12 j 06:00	18°♊44'43	
	-10487 Jul 22 j 00:45	0°♋	
	-10487 Aug 18 j 13:23	0°♌	
evening max el	-10487 Aug 19 j 01:06	0°♌29'58	47°36'10
	-10487 Sep 23 j 10:52	0°♍	
greatest brilliancy	-10487 Sep 28 j 18:01	2°♍26'55	-4.9m
retrograde	-10487 Oct 09 j 05:21	4°♍33'34	
evening set	-10487 Oct 24 j 02:17	29°♌59'27	
	-10487 Oct 24 j 01:54	30°℞♌	
min. Earth dist.	-10487 Oct 29 j 11:29	26°♌39'34	0.27948 AU
inferior conj	-10487 Oct 30 j 03:47	26°♌13'17	-0°26'18
minimum elong	-10487 Oct 30 j 04:41	26°♌11'50	0°25'38
asc. node	-10487 Oct 31 j 23:38	25°♌03'02	
morning rise	-10487 Nov 05 j 08:07	22°♌25'56	
direct	-10487 Nov 19 j 23:47	18°♌06'39	
greatest brilliancy	-10487 Nov 28 j 23:14	19°♌38'10	-4.8m
	-10487 Dec 17 j 12:59	0°♍	
morning max el	-10486 Jan 07 j 21:23	18°♍22'51	45°59'37
	-10486 Jan 19 j 15:50	0°♎	
	-10486 Feb 16 j 18:04	0°♏	
desc. node	-10486 Feb 22 j 04:17	6°♏02'48	
	-10486 Mar 15 j 03:54	0°♐	
	-10486 Apr 09 j 13:52	0°♑	
	-10486 May 04 j 07:00	0°♒	
	-10486 May 28 j 12:10	0°♓	
asc. node	-10486 Jun 13 j 14:17	20°♓10'25	
	-10486 Jun 21 j 09:28	0°♈	
greatest brilliancy	-10486 Jun 24 j 00:26	3°♈18'42	-3.9m
morning set	-10486 Jul 03 j 06:41	15°♈01'07	
	-10486 Jul 15 j 02:43	0°♉	
	-10486 Aug 07 j 19:32	0°♊	
superior conj	-10486 Aug 12 j 20:44	6°♊22'43	1°22'36
minimum elong	-10486 Aug 12 j 23:28	6°♊31'20	1°23'06
max. Earth dist.	-10486 Aug 18 j 10:21	13°♊24'03	1.70869 AU
	-10486 Aug 31 j 14:56	0°♋	
	-10486 Sep 24 j 14:45	0°♌	
evening rise	-10486 Sep 25 j 02:53	0°♌37'49	
desc. node	-10486 Oct 04 j 14:21	12°♌24'41	
	-10486 Oct 18 j 19:22	0°♍	
	-10486 Nov 12 j 04:32	0°♎	
	-10486 Dec 06 j 18:52	0°♏	
	-10486 Dec 31 j 17:20	0°♐	
asc. node	-10485 Jan 24 j 04:38	27°♐36'06	
	-10485 Jan 26 j 06:23	0°♑	
	-10485 Feb 21 j 22:06	0°♒	
	-10485 Mar 22 j 23:09	0°♓	
evening max el	-10485 Mar 23 j 21:18	0°♓52'52	45°39'17
greatest brilliancy	-10485 May 02 j 04:17	29°♓04'33	-4.8m
	-10485 May 05 j 09:15	0°♈	
retrograde	-10485 May 11 j 23:48	0°♈48'01	
desc. node	-10485 May 17 j 11:50	0°♈13'01	
	-10485 May 18 j 10:25	30°℞♓	
evening set	-10485 May 26 j 14:14	26°♓48'54	
inferior conj	-10485 Jun 01 j 20:58	23°♓15'58	-3°39'05
minimum elong	-10485 Jun 01 j 13:13	23°♓27'27	3°37'03
min. Earth dist.	-10485 Jun 02 j 00:31	23°♓10'42	0.26734 AU
morning rise	-10485 Jun 07 j 11:35	20°♓02'49	
direct	-10485 Jun 22 j 14:40	15°♓40'18	
greatest brilliancy	-10485 Jul 03 j 17:40	17°♓56'56	-4.9m
	-10485 Jul 22 j 23:21	0°♈	
morning max el	-10485 Aug 12 j 04:30	18°♈45'25	46°43'08
	-10485 Aug 22 j 20:20	0°♉	
asc. node	-10485 Sep 06 j 03:30	15°♉55'50	
	-10485 Sep 18 j 07:30	0°♊	
	-10485 Oct 13 j 13:55	0°♋	
	-10485 Nov 07 j 12:11	0°♌	
	-10485 Dec 02 j 09:33	0°♍	
	-10485 Dec 27 j 06:56	0°♎	
desc. node	-10485 Dec 28 j 04:07	1°♎03'53	
	-10484 Jan 21 j 02:18	0°♏	
morning set	-10484 Feb 14 j 10:06	29°♏37'27	
	-10484 Feb 14 j 17:29	0°♐	
	-10484 Mar 10 j 03:37	0°♑	
max. Earth dist.	-10484 Mar 16 j 06:52	7°♑34'35	1.73159 AU
superior conj	-10484 Mar 20 j 15:23	12°♑57'41	-0°58'00
minimum elong	-10484 Mar 20 j 23:06	13°♑21'35	0°58'19
	-10484 Apr 03 j 09:21	0°♒	
asc. node	-10484 Apr 17 j 13:54	17°♒38'31	
evening rise	-10484 Apr 25 j 00:16	26°♒53'44	
	-10484 Apr 27 j 12:04	0°♓	
	-10484 May 21 j 13:19	0°♈	
	-10484 Jun 14 j 14:43	0°♉	
	-10484 Jul 08 j 18:20	0°♊	
	-10484 Aug 02 j 02:57	0°♋	
desc. node	-10484 Aug 08 j 16:54	8°♋02'25	
	-10484 Aug 26 j 20:25	0°♌	
	-10484 Sep 21 j 05:56	0°♍	
	-10484 Oct 18 j 02:29	0°♎	
evening max el	-10484 Oct 28 j 10:15	10°♎40'24	45°57'22
	-10484 Nov 18 j 21:53	0°♏	
asc. node	-10484 Nov 28 j 10:04	6°♏29'02	
greatest brilliancy	-10484 Dec 05 j 16:15	10°♏05'20	-4.7m
retrograde	-10484 Dec 16 j 22:17	12°♏26'52	
evening set	-10483 Jan 02 j 15:26	6°♏59'35	
inferior conj	-10483 Jan 07 j 08:32	4°♏02'41	7°16'48
minimum elong	-10483 Jan 07 j 01:34	4°♏13'51	7°15'40
min. Earth dist.	-10483 Jan 07 j 06:34	4°♏05'51	0.29531 AU
morning rise	-10483 Jan 11 j 11:45	1°♏26'08	
	-10483 Jan 13 j 22:35	30°℞♎	
direct	-10483 Jan 29 j 03:26	25°♎30'14	
greatest brilliancy	-10483 Feb 07 j 16:20	27°♎08'07	-4.7m
	-10483 Feb 14 j 11:28	0°♏	
morning max el	-10483 Mar 19 j 01:38	25°♏10'10	46°03'43
desc. node	-10483 Mar 21 j 16:11	27°♏40'22	
	-10483 Mar 24 j 01:17	0°♐	
	-10483 Apr 21 j 10:11	0°♑	
	-10483 May 17 j 11:36	0°♒	
	-10483 Jun 11 j 09:18	0°♓	
	-10483 Jul 05 j 15:02	0°♈	
asc. node	-10483 Jul 11 j 03:56	6°♈55'37	
	-10483 Jul 29 j 12:15	0°♉	
	-10483 Aug 22 j 06:40	0°♊	
	-10483 Sep 15 j 02:38	0°♋	
morning set	-10483 Sep 18 j 12:09	4°♋15'36	
	-10483 Oct 09 j 02:45	0°♌	
superior conj	-10483 Oct 30 j 19:49	26°♌55'28	0°02'59
minimum elong	-10483 Oct 30 j 20:41	26°♌58'09	0°03'19
behind sun begin	-10483 Oct 29 j 18:41	25°♌37'46	
behind sun end	-10483 Oct 31 j 22:41	28°♌18'30	
desc. node	-10483 Nov 01 j 03:11	28°♌32'24	
	-10483 Nov 02 j 07:33	0°♍	
max. Earth dist.	-10483 Nov 04 j 11:21	2°♍39'56	1.72684 AU
	-10483 Nov 26 j 15:52	0°♎	
evening rise	-10483 Dec 10 j 01:34	16°♎28'04	
	-10483 Dec 21 j 02:16	0°♏	
	-10482 Jan 14 j 14:31	0°♐	
	-10482 Feb 08 j 06:09	0°♑	
asc. node	-10482 Feb 20 j 15:48	14°♑59'12	
	-10482 Mar 05 j 03:53	0°♒	
	-10482 Mar 30 j 11:02	0°♓	
	-10482 Apr 25 j 08:40	0°♈	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10482 May 22 j 10:30	0°♉		
evening max el	-10482 Jun 05 j 15:03	14°♉40'55	47°25'21	
desc. node	-10482 Jun 13 j 22:01	22°♉41'48		
	-10482 Jun 22 j 01:37	0°♊		
greatest brilliancy	-10482 Jul 17 j 04:37	16°♊00'41	-4.9m	
retrograde	-10482 Jul 26 j 10:17	17°♊38'48		
evening set	-10482 Aug 13 j 04:51	11°♊33'31		
min. Earth dist.	-10482 Aug 15 j 14:49	10°♊05'17	0.26689 AU	
inferior conj	-10482 Aug 16 j 03:28	9°♊45'50	-8°41'47	
minimum elong	-10482 Aug 16 j 07:56	9°♊38'59	8°40'58	
morning rise	-10482 Aug 19 j 11:06	7°♊45'11		
direct	-10482 Sep 05 j 07:20	2°♊09'51		
greatest brilliancy	-10482 Sep 15 j 03:09	4°♊01'47	-4.9m	
asc. node	-10482 Oct 03 j 14:57	15°♊05'36		
	-10482 Oct 20 j 10:20	0°♋		
morning max el	-10482 Oct 25 j 11:32	4°♋58'48	46°23'17	
	-10482 Nov 18 j 02:22	0°♌		
	-10482 Dec 14 j 17:59	0°♍		
	-10481 Jan 09 j 16:34	0°♎		
desc. node	-10481 Jan 24 j 17:36	17°♎38'20		
	-10481 Feb 04 j 04:31	0°♏		
	-10481 Mar 01 j 06:28	0°♐		
	-10481 Mar 25 j 22:36	0°♑		
	-10481 Apr 19 j 06:09	0°♒		
morning set	-10481 Apr 21 j 17:24	3°♒04'00		
	-10481 May 13 j 07:10	0°♓		
asc. node	-10481 May 16 j 02:58	3°♓32'30		
max. Earth dist.	-10481 May 24 j 18:03	14°♓22'27	1.71443 AU	
superior conj	-10481 May 28 j 01:00	18°♓30'38	0°27'19	
minimum elong	-10481 May 27 j 19:33	18°♓13'30	0°26'54	
	-10481 Jun 06 j 04:02	0°♈		
	-10481 Jun 29 j 23:07	0°♉		
evening rise	-10481 Jul 05 j 06:12	6°♉40'34		
	-10481 Jul 23 j 18:55	0°♊		
	-10481 Aug 16 j 17:44	0°♋		
desc. node	-10481 Sep 06 j 04:14	25°♋24'01		
	-10481 Sep 09 j 21:29	0°♌		
	-10481 Oct 04 j 07:44	0°♍		
	-10481 Oct 29 j 03:06	0°♎		
	-10481 Nov 23 j 14:21	0°♏		
	-10481 Dec 20 j 11:26	0°♐		
asc. node	-10481 Dec 26 j 20:25	6°♐42'19		
evening max el	-10480 Jan 08 j 06:46	19°♐06'45	44°53'00	
	-10480 Jan 20 j 09:09	0°♑		
greatest brilliancy	-10480 Feb 14 j 18:49	16°♑02'52	-4.7m	
retrograde	-10480 Feb 25 j 04:23	17°♑56'59		
evening set	-10480 Mar 12 j 18:51	12°♑49'47		
inferior conj	-10480 Mar 17 j 12:05	10°♑00'35	6°19'59	
minimum elong	-10480 Mar 17 j 20:59	9°♑46'55	6°17'50	
min. Earth dist.	-10480 Mar 18 j 18:15	9°♑14'18	0.28766 AU	
morning rise	-10480 Mar 22 j 22:31	6°♑45'38		
direct	-10480 Apr 08 j 09:42	1°♑42'28		
desc. node	-10480 Apr 18 j 03:20	3°♑25'35		
greatest brilliancy	-10480 Apr 19 j 19:22	4°♑02'06	-4.8m	
	-10480 May 25 j 02:50	0°♒		
morning max el	-10480 May 28 j 08:53	3°♒10'47	46°29'15	
	-10480 Jun 22 j 12:54	0°♓		
	-10480 Jul 18 j 06:54	0°♈		
asc. node	-10480 Aug 07 j 17:14	24°♈47'57		
	-10480 Aug 11 j 22:45	0°♉		
	-10480 Sep 05 j 03:35	0°♊		
	-10480 Sep 29 j 06:05	0°♋		
	-10480 Oct 23 j 11:09	0°♌		
	-10480 Nov 16 j 20:15	0°♍		
desc. node	-10480 Nov 28 j 16:37	14°♍31'24		
morning set	-10480 Dec 03 j 12:58	20°♍27'25		
	-10480 Dec 11 j 08:08	0°♎		
	-10479 Jan 04 j 20:26	0°♏		
max. Earth dist.	-10479 Jan 09 j 16:32	5°♏55'34	1.73796 AU	
superior conj	-10479 Jan 11 j 02:04	7°♏38'18	-1°15'41	
minimum elong	-10479 Jan 10 j 20:20	7°♏20'46	1°15'54	
	-10479 Jan 29 j 07:27	0°♐		
evening rise	-10479 Feb 15 j 22:01	21°♐38'29		
greatest brilliancy	-10479 Feb 18 j 09:57	24°♐42'47	-3.9m	
	-10479 Feb 22 j 17:05	0°♑		
	-10479 Mar 19 j 02:30	0°♒		
asc. node	-10479 Mar 20 j 03:33	1°♒17'00		
	-10479 Apr 12 j 13:04	0°♓		
	-10479 May 07 j 02:03	0°♈		
	-10479 May 31 j 19:18	0°♉		
	-10479 Jun 25 j 21:03	0°♊		
desc. node	-10479 Jul 11 j 08:21	18°♊07'03		
	-10479 Jul 21 j 17:09	0°♋		
evening max el	-10479 Aug 16 j 16:34	28°♋10'38	47°38'18	
	-10479 Aug 18 j 11:38	0°♌		
	-10479 Sep 26 j 00:32	0°♍		
greatest brilliancy	-10479 Sep 26 j 12:01	0°♍11'11	-4.9m	
retrograde	-10479 Oct 06 j 21:05	2°♍15'39		
	-10479 Oct 17 j 05:24	30°℞♌		
evening set	-10479 Oct 21 j 19:11	27°♌40'52		
min. Earth dist.	-10479 Oct 27 j 03:41	24°♌21'56	0.27883 AU	
inferior conj	-10479 Oct 27 j 19:33	23°♌56'20	-0°46'58	
minimum elong	-10479 Oct 27 j 21:10	23°♌53'44	0°46'05	
asc. node	-10479 Oct 31 j 01:49	21°♌52'04		
morning rise	-10479 Nov 03 j 00:09	20°♌08'26		
direct	-10479 Nov 17 j 14:37	15°♌51'00		
greatest brilliancy	-10479 Nov 26 j 14:54	17°♌23'00	-4.8m	
	-10479 Dec 18 j 02:38	0°♍		
morning max el	-10478 Jan 05 j 11:51	16°♍08'32	46°00'02	
	-10478 Jan 19 j 10:34	0°♎		
	-10478 Feb 16 j 08:34	0°♏		
desc. node	-10478 Feb 21 j 06:21	5°♏29'10		
	-10478 Mar 14 j 16:37	0°♐		
	-10478 Apr 09 j 01:41	0°♑		
	-10478 May 03 j 18:22	0°♒		
	-10478 May 27 j 23:19	0°♓		
asc. node	-10478 Jun 12 j 16:34	19°♓42'41		
	-10478 Jun 20 j 20:33	0°♈		
greatest brilliancy	-10478 Jun 23 j 06:36	3°♈03'08	-3.9m	
morning set	-10478 Jun 30 j 19:31	12°♈34'46		
	-10478 Jul 14 j 13:50	0°♉		
	-10478 Aug 07 j 06:42	0°♊		
superior conj	-10478 Aug 10 j 06:08	3°♊45'36	1°22'58	
minimum elong	-10478 Aug 10 j 07:46	3°♊50'47	1°23'29	
max. Earth dist.	-10478 Aug 15 j 07:53	10°♊09'45	1.70835 AU	
	-10478 Aug 31 j 02:09	0°♋		
evening rise	-10478 Sep 22 j 10:09	27°♋56'01		
	-10478 Sep 24 j 01:58	0°♌		
desc. node	-10478 Oct 03 j 16:25	11°♌56'18		
	-10478 Oct 18 j 06:37	0°♍		
	-10478 Nov 11 j 15:53	0°♎		
	-10478 Dec 06 j 06:30	0°♏		
	-10478 Dec 31 j 05:35	0°♐		
asc. node	-10477 Jan 23 j 06:56	27°♐04'09		
	-10477 Jan 25 j 19:53	0°♑		
	-10477 Feb 21 j 14:19	0°♒		
evening max el	-10477 Mar 21 j 09:48	28°♒31'50	45°36'10	
	-10477 Mar 22 j 23:07	0°♓		
greatest brilliancy	-10477 Apr 29 j 16:06	26°♓40'33	-4.8m	
retrograde	-10477 May 09 j 11:43	28°♓24'24		
desc. node	-10477 May 16 j 14:02	27°♓25'55		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

evening set	-10477 May 24 j 01:07	24°♓26'30	
inferior conj	-10477 May 30 j 09:21	20°♓52'06	-3°17'30
minimum elong	-10477 May 30 j 02:14	21°♓02'37	3°15'37
min. Earth dist.	-10477 May 30 j 14:32	20°♓44'26	0.26778 AU
morning rise	-10477 Jun 05 j 02:38	17°♓35'31	
direct	-10477 Jun 20 j 03:32	13°♓15'07	
greatest brilliancy	-10477 Jul 01 j 08:57	15°♓33'58	-4.9m
	-10477 Jul 23 j 11:01	0°♈	
morning max el	-10477 Aug 09 j 17:30	16°♈17'44	46°43'15
	-10477 Aug 22 j 15:38	0°♉	
asc. node	-10477 Sep 05 j 05:39	15°♉14'08	
	-10477 Sep 17 j 22:50	0°♊	
	-10477 Oct 13 j 03:30	0°♋	
	-10477 Nov 07 j 00:45	0°♌	
	-10477 Dec 01 j 21:26	0°♍	
	-10477 Dec 26 j 18:20	0°♎	
desc. node	-10477 Dec 27 j 06:22	0°♎36'18	
	-10476 Jan 20 j 13:23	0°♏	
morning set	-10476 Feb 12 j 04:47	27°♏34'29	
	-10476 Feb 14 j 04:21	0°♐	
	-10476 Mar 09 j 14:25	0°♑	
max. Earth dist.	-10476 Mar 14 j 05:05	5°♑41'34	1.73205 AU
superior conj	-10476 Mar 18 j 11:12	10°♑57'11	-0°59'59
minimum elong	-10476 Mar 18 j 18:55	11°♑21'00	1°00'20
	-10476 Apr 02 j 20:10	0°♒	
asc. node	-10476 Apr 16 j 16:05	17°♒11'23	
evening rise	-10476 Apr 22 j 19:17	24°♒49'29	
	-10476 Apr 26 j 23:02	0°♓	
	-10476 May 21 j 00:30	0°♈	
	-10476 Jun 14 j 02:14	0°♉	
	-10476 Jul 08 j 06:16	0°♊	
	-10476 Aug 01 j 15:24	0°♋	
desc. node	-10476 Aug 07 j 19:00	7°♋30'18	
	-10476 Aug 26 j 09:42	0°♌	
	-10476 Sep 20 j 20:47	0°♍	
	-10476 Oct 17 j 21:10	0°♎	
evening max el	-10476 Oct 26 j 02:12	8°♎26'49	46°01'01
	-10476 Nov 19 j 12:17	0°♏	
asc. node	-10476 Nov 27 j 12:29	5°♏08'26	
greatest brilliancy	-10476 Dec 03 j 09:10	7°♏57'23	-4.8m
retrograde	-10476 Dec 14 j 16:34	10°♏20'20	
evening set	-10476 Dec 31 j 06:34	4°♏55'56	
inferior conj	-10475 Jan 05 j 02:00	1°♏55'27	7°08'47
minimum elong	-10475 Jan 04 j 18:40	2°♏07'12	7°07'33
min. Earth dist.	-10475 Jan 04 j 22:32	2°♏01'00	0.29505 AU
	-10475 Jan 08 j 02:39	30°℞♎	
morning rise	-10475 Jan 09 j 06:54	29°♎16'31	
direct	-10475 Jan 26 j 20:26	23°♎23'18	
greatest brilliancy	-10475 Feb 05 j 07:41	25°♎00'17	-4.7m
	-10475 Feb 16 j 00:09	0°♏	
morning max el	-10475 Mar 16 j 18:54	23°♏04'04	46°03'08
desc. node	-10475 Mar 20 j 18:20	26°♏54'11	
	-10475 Mar 23 j 21:31	0°♐	
	-10475 Apr 21 j 01:18	0°♑	
	-10475 May 17 j 00:47	0°♒	
	-10475 Jun 10 j 21:32	0°♓	
	-10475 Jul 05 j 02:48	0°♈	
asc. node	-10475 Jul 10 j 06:11	6°♈26'01	
	-10475 Jul 28 j 23:46	0°♉	
	-10475 Aug 21 j 18:03	0°♊	
	-10475 Sep 14 j 13:55	0°♋	
morning set	-10475 Sep 15 j 21:44	1°♋39'49	
	-10475 Oct 08 j 13:58	0°♌	
superior conj	-10475 Oct 28 j 06:16	24°♌24'50	0°06'43
minimum elong	-10475 Oct 28 j 08:07	24°♌30'35	0°07'02
behind sun begin	-10475 Oct 27 j 07:56	23°♌15'46	
behind sun end	-10475 Oct 29 j 08:18	25°♌45'22	
desc. node	-10475 Oct 31 j 05:21	28°♌04'35	
	-10475 Nov 01 j 18:42	0°♍	
max. Earth dist.	-10475 Nov 02 j 01:52	0°♍22'08	1.72624 AU
	-10475 Nov 26 j 02:59	0°♎	
evening rise	-10475 Dec 07 j 16:45	14°♎13'19	
	-10475 Dec 20 j 13:24	0°♏	
	-10474 Jan 14 j 01:47	0°♐	
	-10474 Feb 07 j 17:46	0°♑	
asc. node	-10474 Feb 19 j 17:59	14°♑29'52	
	-10474 Mar 04 j 16:11	0°♒	
	-10474 Mar 30 j 00:30	0°♓	
	-10474 Apr 25 j 00:10	0°♈	
	-10474 May 22 j 06:17	0°♉	
evening max el	-10474 Jun 03 j 05:40	12°♉18'37	47°22'33
desc. node	-10474 Jun 13 j 00:25	21°♉41'22	
	-10474 Jun 22 j 13:36	0°♊	
greatest brilliancy	-10474 Jul 14 j 16:19	13°♊29'59	-4.9m
retrograde	-10474 Jul 23 j 23:35	15°♊08'53	
evening set	-10474 Aug 10 j 18:36	9°♊02'36	
min. Earth dist.	-10474 Aug 13 j 02:40	7°♊37'19	0.26665 AU
inferior conj	-10474 Aug 13 j 16:03	7°♊16'46	-8°46'21
minimum elong	-10474 Aug 13 j 19:40	7°♊11'14	8°45'39
morning rise	-10474 Aug 16 j 20:52	5°♊20'36	
	-10474 Aug 30 j 01:22	30°℞♉	
direct	-10474 Sep 02 j 20:32	29°♉41'52	
	-10474 Sep 06 j 17:12	0°♊	
greatest brilliancy	-10474 Sep 12 j 15:29	1°♊33'16	-4.9m
asc. node	-10474 Oct 02 j 17:11	13°♊52'36	
	-10474 Oct 20 j 11:01	0°♋	
morning max el	-10474 Oct 23 j 01:46	2°♋36'20	46°24'03
	-10474 Nov 17 j 19:21	0°♌	
	-10474 Dec 14 j 08:14	0°♍	
	-10473 Jan 09 j 05:25	0°♎	
desc. node	-10473 Jan 23 j 19:38	17°♎08'05	
	-10473 Feb 03 j 16:33	0°♏	
	-10473 Feb 28 j 17:58	0°♐	
	-10473 Mar 25 j 09:48	0°♑	
	-10473 Apr 18 j 17:13	0°♒	
morning set	-10473 Apr 19 j 12:04	0°♒58'29	
	-10473 May 12 j 18:16	0°♓	
asc. node	-10473 May 15 j 05:14	3°♓04'49	
max. Earth dist.	-10473 May 22 j 04:20	11°♓49'04	1.71501 AU
superior conj	-10473 May 25 j 17:14	16°♓15'45	0°24'11
minimum elong	-10473 May 25 j 12:24	16°♓00'34	0°23'45
	-10473 Jun 05 j 15:13	0°♈	
	-10473 Jun 29 j 10:26	0°♉	
evening rise	-10473 Jul 02 j 18:40	4°♉12'50	
	-10473 Jul 23 j 06:22	0°♊	
	-10473 Aug 16 j 05:20	0°♋	
desc. node	-10473 Sep 05 j 06:25	24°♋54'18	
	-10473 Sep 09 j 09:18	0°♌	
	-10473 Oct 03 j 19:54	0°♍	
	-10473 Oct 28 j 15:54	0°♎	
	-10473 Nov 23 j 04:29	0°♏	
	-10473 Dec 20 j 04:54	0°♐	
asc. node	-10473 Dec 25 j 22:43	5°♐59'42	
evening max el	-10472 Jan 05 j 21:57	16°♐54'16	44°53'22
	-10472 Jan 20 j 16:15	0°♑	
greatest brilliancy	-10472 Feb 12 j 10:20	13°♑53'16	-4.7m
retrograde	-10472 Feb 22 j 19:16	15°♑47'11	
evening set	-10472 Mar 10 j 12:53	10°♑36'12	
inferior conj	-10472 Mar 15 j 03:52	7°♑49'50	6°31'28
minimum elong	-10472 Mar 15 j 12:33	7°♑36'28	6°29'27
min. Earth dist.	-10472 Mar 16 j 09:51	7°♑03'39	0.28833 AU

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning rise	-10472 Mar 20 j 11:36	4°♉37'59	
	-10472 Apr 01 j 01:00	30°℞♐	
direct	-10472 Apr 06 j 01:44	29°♐30'31	
	-10472 Apr 11 j 05:01	0°♉	
desc. node	-10472 Apr 17 j 05:35	1°♉43'52	
greatest brilliancy	-10472 Apr 17 j 10:24	1°♉48'30	-4.8m
	-10472 May 25 j 02:17	0°♒	
morning max el	-10472 May 25 j 23:12	0°♒51'33	46°28'17
	-10472 Jun 22 j 05:25	0°♓	
	-10472 Jul 17 j 21:03	0°♈	
asc. node	-10472 Aug 06 j 19:17	24°♈13'48	
	-10472 Aug 11 j 11:46	0°♉	
	-10472 Sep 04 j 15:57	0°♊	
	-10472 Sep 28 j 18:01	0°♋	
	-10472 Oct 22 j 22:46	0°♌	
	-10472 Nov 16 j 07:38	0°♍	
desc. node	-10472 Nov 27 j 18:51	14°♍03'43	
morning set	-10472 Dec 01 j 02:59	18°♍09'03	
	-10472 Dec 10 j 19:20	0°♎	
	-10471 Jan 04 j 07:30	0°♏	
max. Earth dist.	-10471 Jan 07 j 13:16	3°♏58'09	1.73788 AU
superior conj	-10471 Jan 08 j 19:46	5°♏31'35	-1°14'34
minimum elong	-10471 Jan 08 j 13:32	5°♏12'30	1°14'44
	-10471 Jan 28 j 18:30	0°♐	
evening rise	-10471 Feb 13 j 17:32	19°♐36'43	
greatest brilliancy	-10471 Feb 16 j 21:29	23°♐30'14	-3.9m
	-10471 Feb 22 j 04:15	0°♑	
	-10471 Mar 18 j 13:55	0°♒	
asc. node	-10471 Mar 19 j 05:45	0°♒48'40	
	-10471 Apr 12 j 00:53	0°♓	
	-10471 May 06 j 14:27	0°♈	
	-10471 May 31 j 08:32	0°♉	
	-10471 Jun 25 j 11:36	0°♊	
desc. node	-10471 Jul 10 j 10:28	17°♊27'36	
	-10471 Jul 21 j 10:09	0°♋	
evening max el	-10471 Aug 14 j 07:14	25°♋48'14	47°40'21
	-10471 Aug 18 j 11:09	0°♌	
greatest brilliancy	-10471 Sep 24 j 06:11	27°♌54'33	-4.9m
retrograde	-10471 Oct 04 j 12:34	29°♌56'54	
evening set	-10471 Oct 19 j 12:10	25°♌20'59	
inferior conj	-10471 Oct 25 j 11:19	21°♌38'31	-1°07'44
minimum elong	-10471 Oct 25 j 13:39	21°♌34'45	1°06'38
min. Earth dist.	-10471 Oct 24 j 20:02	22°♌03'09	0.27820 AU
asc. node	-10471 Oct 30 j 04:09	18°♌41'53	
morning rise	-10471 Oct 31 j 16:01	17°♌50'22	
direct	-10471 Nov 15 j 05:02	13°♌34'19	
greatest brilliancy	-10471 Nov 24 j 06:49	15°♌07'20	-4.8m
	-10471 Dec 18 j 13:06	0°♍	
morning max el	-10470 Jan 03 j 02:16	13°♍53'15	46°00'29
	-10470 Jan 19 j 05:06	0°♎	
	-10470 Feb 15 j 23:13	0°♏	
desc. node	-10470 Feb 20 j 08:30	4°♏55'03	
	-10470 Mar 14 j 05:37	0°♐	
	-10470 Apr 08 j 13:52	0°♑	
	-10470 May 03 j 06:06	0°♒	
	-10470 May 27 j 10:50	0°♓	
asc. node	-10470 Jun 11 j 18:46	19°♓13'41	
	-10470 Jun 20 j 07:58	0°♈	
greatest brilliancy	-10470 Jun 22 j 11:42	2°♈43'15	-3.9m
morning set	-10470 Jun 28 j 08:25	10°♈07'43	
	-10470 Jul 14 j 01:13	0°♉	
	-10470 Aug 06 j 18:08	0°♊	
superior conj	-10470 Aug 07 j 15:33	1°♊07'39	1°23'10
minimum elong	-10470 Aug 07 j 16:06	1°♊09'23	1°23'40
max. Earth dist.	-10470 Aug 12 j 05:47	6°♊55'38	1.70807 AU
	-10470 Aug 30 j 13:38	0°♋	
evening rise	-10470 Sep 19 j 17:24	25°♋13'13	
	-10470 Sep 23 j 13:29	0°♌	
desc. node	-10470 Oct 02 j 18:38	11°♌27'21	
	-10470 Oct 17 j 18:10	0°♍	
	-10470 Nov 11 j 03:33	0°♎	
	-10470 Dec 05 j 18:26	0°♏	
	-10470 Dec 30 j 18:09	0°♐	
asc. node	-10469 Jan 22 j 09:06	26°♐30'49	
	-10469 Jan 25 j 09:49	0°♑	
	-10469 Feb 21 j 07:12	0°♒	
evening max el	-10469 Mar 18 j 22:57	26°♒11'20	45°32'58
	-10469 Mar 23 j 00:52	0°♓	
greatest brilliancy	-10469 Apr 27 j 03:14	24°♓14'22	-4.8m
retrograde	-10469 May 07 j 00:02	25°♓59'05	
desc. node	-10469 May 15 j 16:22	24°♓31'22	
evening set	-10469 May 21 j 12:03	22°♓02'06	
inferior conj	-10469 May 27 j 21:29	18°♓26'24	-2°55'25
minimum elong	-10469 May 27 j 15:04	18°♓35'52	2°53'43
min. Earth dist.	-10469 May 28 j 04:05	18°♓16'39	0.26823 AU
morning rise	-10469 Jun 02 j 17:22	15°♓06'42	
direct	-10469 Jun 17 j 16:39	10°♓48'12	
greatest brilliancy	-10469 Jun 28 j 23:31	13°♓08'43	-4.9m
	-10469 Jul 23 j 20:15	0°♈	
morning max el	-10469 Aug 07 j 07:21	13°♈51'16	46°43'26
	-10469 Aug 22 j 10:46	0°♉	
asc. node	-10469 Sep 04 j 07:57	14°♉32'24	
	-10469 Sep 17 j 14:16	0°♊	
	-10469 Oct 12 j 17:14	0°♋	
	-10469 Nov 06 j 13:31	0°♌	
	-10469 Dec 01 j 09:33	0°♍	
desc. node	-10469 Dec 26 j 08:22	0°♎07'12	
	-10469 Dec 26 j 05:59	0°♎	
	-10468 Jan 20 j 00:42	0°♏	
morning set	-10468 Feb 09 j 23:35	25°♏31'12	
	-10468 Feb 13 j 15:29	0°♐	
	-10468 Mar 09 j 01:28	0°♑	
max. Earth dist.	-10468 Mar 12 j 04:27	3°♑51'24	1.73252 AU
superior conj	-10468 Mar 16 j 07:06	8°♑56'08	-1°01'54
minimum elong	-10468 Mar 16 j 14:45	9°♑19'44	1°02'15
	-10468 Apr 02 j 07:17	0°♒	
asc. node	-10468 Apr 15 j 18:23	16°♒43'40	
evening rise	-10468 Apr 20 j 14:20	22°♒44'20	
	-10468 Apr 26 j 10:19	0°♓	
	-10468 May 20 j 12:04	0°♈	
	-10468 Jun 13 j 14:08	0°♉	
	-10468 Jul 07 j 18:33	0°♊	
	-10468 Aug 01 j 04:13	0°♋	
desc. node	-10468 Aug 06 j 21:12	6°♋57'28	
	-10468 Aug 25 j 23:21	0°♌	
	-10468 Sep 20 j 12:03	0°♍	
	-10468 Oct 17 j 16:36	0°♎	
evening max el	-10468 Oct 23 j 19:03	6°♎14'47	46°04'42
	-10468 Nov 20 j 08:03	0°♏	
asc. node	-10468 Nov 26 j 14:47	3°♏44'36	
greatest brilliancy	-10468 Dec 01 j 02:28	5°♏49'20	-4.8m
retrograde	-10468 Dec 12 j 10:59	8°♏13'08	
evening set	-10468 Dec 28 j 21:51	2°♏51'56	
	-10467 Jan 02 j 11:54	30°℞♎	
inferior conj	-10467 Jan 02 j 19:33	29°♎47'43	7°00'11
minimum elong	-10467 Jan 02 j 11:55	29°♎59'59	6°58'52
min. Earth dist.	-10467 Jan 02 j 14:31	29°♎55'49	0.29474 AU
morning rise	-10467 Jan 07 j 02:12	27°♎06'11	
direct	-10467 Jan 24 j 13:47	21°♎16'07	
greatest brilliancy	-10467 Feb 02 j 22:34	22°♎51'32	-4.7m
	-10467 Feb 17 j 02:17	0°♏	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning max el	-10467 Mar 14 j 12:10	20°♏57'43	46°02'32
desc. node	-10467 Mar 19 j 20:35	26°♏08'36	
	-10467 Mar 23 j 17:19	0°♐	
	-10467 Apr 20 j 16:22	0°♑	
	-10467 May 16 j 14:04	0°♒	
	-10467 Jun 10 j 09:59	0°♓	
	-10467 Jul 04 j 14:50	0°♈	
asc. node	-10467 Jul 09 j 08:15	5°♈55'01	
	-10467 Jul 28 j 11:34	0°♉	
	-10467 Aug 21 j 05:41	0°♊	
morning set	-10467 Sep 13 j 07:06	29°♊02'29	
	-10467 Sep 14 j 01:26	0°♋	
	-10467 Oct 08 j 01:23	0°♌	
superior conj	-10467 Oct 25 j 16:26	21°♌52'42	0°10'28
minimum elong	-10467 Oct 25 j 19:17	22°♌01'31	0°10'44
behind sun begin	-10467 Oct 24 j 23:04	20°♌58'54	
behind sun end	-10467 Oct 26 j 15:31	23°♌04'07	
desc. node	-10467 Oct 30 j 07:33	27°♌36'23	
max. Earth dist.	-10467 Oct 30 j 18:44	28°♌10'56	1.72560 AU
	-10467 Nov 01 j 06:02	0°♍	
	-10467 Nov 25 j 14:15	0°♎	
evening rise	-10467 Dec 05 j 07:53	11°♎57'54	
	-10467 Dec 20 j 00:40	0°♏	
	-10466 Jan 13 j 13:11	0°♐	
	-10466 Feb 07 j 05:31	0°♑	
asc. node	-10466 Feb 18 j 20:17	14°♑00'31	
	-10466 Mar 04 j 04:38	0°♒	
	-10466 Mar 29 j 14:08	0°♓	
	-10466 Apr 24 j 15:58	0°♈	
	-10466 May 22 j 02:49	0°♉	
evening max el	-10466 May 31 j 19:58	9°♉55'03	47°19'16
desc. node	-10466 Jun 12 j 02:30	20°♉38'05	
	-10466 Jun 23 j 05:52	0°♊	
greatest brilliancy	-10466 Jul 12 j 04:12	10°♊58'17	-4.9m
retrograde	-10466 Jul 21 j 12:13	12°♊37'05	
evening set	-10466 Aug 08 j 07:38	6°♊30'51	
min. Earth dist.	-10466 Aug 10 j 14:38	5°♊07'11	0.26643 AU
inferior conj	-10466 Aug 11 j 04:20	4°♊46'09	-8°49'54
minimum elong	-10466 Aug 11 j 07:04	4°♊41'57	8°49'17
morning rise	-10466 Aug 14 j 06:39	2°♊53'44	
	-10466 Aug 19 j 16:55	30°℞♉	
direct	-10466 Aug 31 j 09:16	27°♉12'17	
greatest brilliancy	-10466 Sep 10 j 03:56	29°♉03'18	-4.9m
	-10466 Sep 12 j 12:40	0°♊	
asc. node	-10466 Oct 01 j 19:30	12°♊40'51	
	-10466 Oct 20 j 10:54	0°♋	
morning max el	-10466 Oct 20 j 14:53	0°♋10'02	46°25'00
	-10466 Nov 17 j 12:11	0°♌	
	-10466 Dec 13 j 22:26	0°♍	
	-10465 Jan 08 j 18:14	0°♎	
desc. node	-10465 Jan 22 j 21:45	16°♎38'07	
	-10465 Feb 03 j 04:32	0°♏	
	-10465 Feb 28 j 05:27	0°♐	
	-10465 Mar 24 j 20:59	0°♑	
morning set	-10465 Apr 17 j 07:09	28°♑54'26	
	-10465 Apr 18 j 04:17	0°♒	
	-10465 May 12 j 05:19	0°♓	
asc. node	-10465 May 14 j 07:26	2°♓37'02	
max. Earth dist.	-10465 May 19 j 16:38	9°♓22'16	1.71562 AU
superior conj	-10465 May 23 j 10:00	14°♓02'50	0°21'03
minimum elong	-10465 May 23 j 05:47	13°♓49'37	0°20'37
	-10465 Jun 05 j 02:22	0°♈	
	-10465 Jun 28 j 21:44	0°♉	
evening rise	-10465 Jun 30 j 07:40	1°♉46'53	
	-10465 Jul 22 j 17:50	0°♊	
	-10465 Aug 15 j 17:02	0°♋	
desc. node	-10465 Sep 04 j 08:39	24°♋24'25	
	-10465 Sep 08 j 21:15	0°♌	
	-10465 Oct 03 j 08:11	0°♍	
	-10465 Oct 28 j 04:49	0°♎	
	-10465 Nov 22 j 18:45	0°♏	
	-10465 Dec 19 j 22:41	0°♐	
asc. node	-10465 Dec 25 j 00:52	5°♐16'22	
evening max el	-10464 Jan 03 j 12:27	14°♐40'19	44°54'02
	-10464 Jan 21 j 01:47	0°♑	
greatest brilliancy	-10464 Feb 10 j 01:46	11°♑44'14	-4.7m
retrograde	-10464 Feb 20 j 10:26	13°♑38'34	
evening set	-10464 Mar 08 j 07:05	8°♑23'29	
inferior conj	-10464 Mar 12 j 19:53	5°♑40'06	6°42'22
minimum elong	-10464 Mar 13 j 04:19	5°♑27'06	6°40'28
min. Earth dist.	-10464 Mar 14 j 01:52	4°♑53'51	0.28898 AU
morning rise	-10464 Mar 18 j 00:55	2°♑31'36	
	-10464 Mar 22 j 23:04	30°℞♐	
direct	-10464 Apr 03 j 17:36	27°♐19'27	
greatest brilliancy	-10464 Apr 15 j 02:12	29°♐36'42	-4.8m
desc. node	-10464 Apr 16 j 07:48	0°♑06'28	
	-10464 Apr 16 j 01:35	0°♑	
morning max el	-10464 May 23 j 13:53	28°♑33'56	46°27'30
	-10464 May 25 j 00:34	0°♒	
	-10464 Jun 21 j 21:28	0°♓	
	-10464 Jul 17 j 10:53	0°♈	
asc. node	-10464 Aug 05 j 21:36	23°♈41'14	
	-10464 Aug 11 j 00:32	0°♉	
	-10464 Sep 04 j 04:08	0°♊	
	-10464 Sep 28 j 05:52	0°♋	
	-10464 Oct 22 j 10:21	0°♌	
	-10464 Nov 15 j 18:58	0°♍	
desc. node	-10464 Nov 26 j 20:52	13°♍35'30	
morning set	-10464 Nov 28 j 16:25	15°♍48'55	
	-10464 Dec 10 j 06:26	0°♎	
	-10463 Jan 03 j 18:27	0°♏	
max. Earth dist.	-10463 Jan 05 j 08:42	1°♏57'07	1.73774 AU
superior conj	-10463 Jan 06 j 13:07	3°♏24'09	-1°13'18
minimum elong	-10463 Jan 06 j 06:24	3°♏03'36	1°13'27
	-10463 Jan 28 j 05:24	0°♐	
evening rise	-10463 Feb 11 j 12:59	17°♐35'17	
greatest brilliancy	-10463 Feb 15 j 08:14	22°♐15'43	-3.9m
	-10463 Feb 21 j 15:16	0°♑	
asc. node	-10463 Mar 18 j 08:03	0°♒21'06	
	-10463 Mar 18 j 01:11	0°♒	
	-10463 Apr 11 j 12:33	0°♓	
	-10463 May 06 j 02:41	0°♈	
	-10463 May 30 j 21:36	0°♉	
	-10463 Jun 25 j 02:00	0°♊	
desc. node	-10463 Jul 09 j 12:42	16°♊49'04	
	-10463 Jul 21 j 03:08	0°♋	
evening max el	-10463 Aug 11 j 21:27	23°♋25'30	47°42'09
	-10463 Aug 18 j 11:24	0°♌	
greatest brilliancy	-10463 Sep 21 j 23:49	25°♌37'21	-4.9m
retrograde	-10463 Oct 02 j 04:04	27°♌38'08	
evening set	-10463 Oct 17 j 05:05	23°♌00'29	
min. Earth dist.	-10463 Oct 22 j 12:12	19°♌44'06	0.27764 AU
inferior conj	-10463 Oct 23 j 02:54	19°♌20'28	-1°28'39
minimum elong	-10463 Oct 23 j 05:56	19°♌15'33	1°27'17
morning rise	-10463 Oct 29 j 07:36	15°♌32'27	
asc. node	-10463 Oct 29 j 06:26	15°♌34'05	
direct	-10463 Nov 12 j 19:11	11°♌17'08	
greatest brilliancy	-10463 Nov 21 j 22:48	12°♌51'36	-4.8m
	-10463 Dec 18 j 20:46	0°♍	
morning max el	-10463 Dec 31 j 17:29	11°♍39'56	46°01'02
	-10462 Jan 18 j 23:05	0°♎	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10462 Feb 15 j 13:32	0°♏	
desc. node	-10462 Feb 19 j 10:46	4°♏22'06	
	-10462 Mar 13 j 18:19	0°♐	
	-10462 Apr 08 j 01:44	0°♑	
	-10462 May 02 j 17:33	0°♒	
	-10462 May 26 j 22:03	0°♓	
asc. node	-10462 Jun 10 j 20:48	18°♓44'59	
	-10462 Jun 19 j 19:05	0°♈	
greatest brilliancy	-10462 Jun 21 j 18:01	2°♈28'04	-3.9m
morning set	-10462 Jun 25 j 21:51	7°♈43'19	
	-10462 Jul 13 j 12:20	0°♉	
superior conj	-10462 Aug 05 j 01:32	28°♉32'21	1°23'11
minimum elong	-10462 Aug 05 j 01:00	28°♉30'38	1°23'39
	-10462 Aug 06 j 05:17	0°♊	
max. Earth dist.	-10462 Aug 09 j 07:53	3°♊55'38	1.70781 AU
	-10462 Aug 30 j 00:48	0°♋	
evening rise	-10462 Sep 17 j 01:02	22°♋32'29	
	-10462 Sep 23 j 00:41	0°♌	
desc. node	-10462 Oct 01 j 20:49	10°♌59'16	
	-10462 Oct 17 j 05:25	0°♍	
	-10462 Nov 10 j 14:58	0°♎	
	-10462 Dec 05 j 06:11	0°♏	
	-10462 Dec 30 j 06:34	0°♐	
asc. node	-10461 Jan 21 j 11:27	25°♐58'35	
	-10461 Jan 24 j 23:35	0°♑	
	-10461 Feb 21 j 00:06	0°♒	
evening max el	-10461 Mar 16 j 13:05	23°♒54'26	45°30'01
	-10461 Mar 23 j 03:33	0°♓	
greatest brilliancy	-10461 Apr 24 j 14:14	21°♓49'47	-4.8m
retrograde	-10461 May 04 j 12:41	23°♓35'24	
desc. node	-10461 May 14 j 18:30	21°♓33'35	
evening set	-10461 May 18 j 23:28	19°♓39'16	
inferior conj	-10461 May 25 j 09:46	16°♓02'17	-2°33'04
minimum elong	-10461 May 25 j 04:06	16°♓10'38	2°31'37
min. Earth dist.	-10461 May 25 j 17:32	15°♓50'49	0.26870 AU
morning rise	-10461 May 31 j 08:04	12°♓39'36	
direct	-10461 Jun 15 j 06:26	8°♓23'00	
greatest brilliancy	-10461 Jun 26 j 13:40	10°♓44'17	-4.9m
	-10461 Jul 24 j 02:33	0°♈	
morning max el	-10461 Aug 04 j 21:50	11°♈27'38	46°43'36
	-10461 Aug 22 j 05:04	0°♉	
asc. node	-10461 Sep 03 j 10:10	13°♉51'59	
	-10461 Sep 17 j 05:07	0°♊	
	-10461 Oct 12 j 06:30	0°♋	
	-10461 Nov 06 j 01:51	0°♌	
	-10461 Nov 30 j 21:18	0°♍	
desc. node	-10461 Dec 25 j 10:31	29°♍39'29	
	-10461 Dec 25 j 17:18	0°♎	
	-10460 Jan 19 j 11:44	0°♏	
morning set	-10460 Feb 07 j 18:07	23°♏27'58	
	-10460 Feb 13 j 02:20	0°♐	
	-10460 Mar 08 j 12:13	0°♑	
max. Earth dist.	-10460 Mar 10 j 02:33	1°♑58'13	1.73293 AU
superior conj	-10460 Mar 14 j 02:47	6°♑55'20	-1°03'44
minimum elong	-10460 Mar 14 j 10:17	7°♑18'32	1°04'06
	-10460 Apr 01 j 18:04	0°♒	
asc. node	-10460 Apr 14 j 20:31	16°♒16'25	
evening rise	-10460 Apr 18 j 09:14	20°♒39'53	
	-10460 Apr 25 j 21:17	0°♓	
	-10460 May 19 j 23:19	0°♈	
	-10460 Jun 13 j 01:44	0°♉	
	-10460 Jul 07 j 06:35	0°♊	
	-10460 Jul 31 j 16:46	0°♋	
desc. node	-10460 Aug 05 j 23:31	6°♋25'49	
	-10460 Aug 25 j 12:45	0°♌	
	-10460 Sep 20 j 03:09	0°♍	
	-10460 Oct 17 j 12:09	0°♎	
evening max el	-10460 Oct 21 j 12:05	4°♎04'13	46°08'20
	-10460 Nov 21 j 10:30	0°♏	
asc. node	-10460 Nov 25 j 16:54	2°♏18'54	
greatest brilliancy	-10460 Nov 28 j 20:11	3°♏42'47	-4.8m
retrograde	-10460 Dec 10 j 05:03	6°♏06'38	
evening set	-10460 Dec 26 j 13:08	0°♏48'56	
	-10460 Dec 27 j 21:26	30°℞♎	
inferior conj	-10460 Dec 31 j 13:05	27°♎40'54	6°50'58
minimum elong	-10460 Dec 31 j 05:11	27°♎53'37	6°49'35
min. Earth dist.	-10460 Dec 31 j 06:39	27°♎51'15	0.29440 AU
morning rise	-10459 Jan 04 j 21:32	24°♎56'29	
direct	-10459 Jan 22 j 07:15	19°♎09'58	
greatest brilliancy	-10459 Jan 31 j 13:30	20°♎43'32	-4.7m
	-10459 Feb 17 j 21:04	0°♏	
morning max el	-10459 Mar 12 j 04:57	18°♏51'00	46°01'52
desc. node	-10459 Mar 18 j 22:44	25°♏24'12	
	-10459 Mar 23 j 12:16	0°♐	
	-10459 Apr 20 j 06:59	0°♑	
	-10459 May 16 j 02:58	0°♒	
	-10459 Jun 09 j 22:04	0°♓	
	-10459 Jul 04 j 02:29	0°♈	
asc. node	-10459 Jul 08 j 10:30	5°♈25'44	
	-10459 Jul 27 j 23:01	0°♉	
	-10459 Aug 20 j 17:00	0°♊	
morning set	-10459 Sep 10 j 16:28	26°♊25'59	
	-10459 Sep 13 j 12:39	0°♋	
	-10459 Oct 07 j 12:30	0°♌	
superior conj	-10459 Oct 23 j 02:33	19°♌21'08	0°14'12
minimum elong	-10459 Oct 23 j 06:23	19°♌33'01	0°14'27
behind sun begin	-10459 Oct 22 j 18:05	18°♌54'54	
behind sun end	-10459 Oct 23 j 18:41	20°♌11'08	
max. Earth dist.	-10459 Oct 28 j 12:28	26°♌03'13	1.72492 AU
desc. node	-10459 Oct 29 j 09:36	27°♌08'35	
	-10459 Oct 31 j 17:04	0°♍	
	-10459 Nov 25 j 01:13	0°♎	
evening rise	-10459 Dec 02 j 22:53	9°♎42'55	
	-10459 Dec 19 j 11:39	0°♏	
	-10458 Jan 13 j 00:19	0°♐	
	-10458 Feb 06 j 17:03	0°♑	
asc. node	-10458 Feb 17 j 22:33	13°♑31'47	
	-10458 Mar 03 j 16:54	0°♒	
	-10458 Mar 29 j 03:41	0°♓	
	-10458 Apr 24 j 07:47	0°♈	
	-10458 May 21 j 23:45	0°♉	
evening max el	-10458 May 29 j 09:32	7°♉30'24	47°16'01
desc. node	-10458 Jun 11 j 04:45	19°♉34'24	
	-10458 Jun 24 j 03:00	0°♊	
greatest brilliancy	-10458 Jul 09 j 16:33	8°♊27'58	-4.9m
retrograde	-10458 Jul 19 j 00:11	10°♊06'02	
evening set	-10458 Aug 05 j 20:07	4°♊00'48	
min. Earth dist.	-10458 Aug 08 j 02:55	2°♊37'25	0.26623 AU
inferior conj	-10458 Aug 08 j 16:36	2°♊16'25	-8°52'18
minimum elong	-10458 Aug 08 j 18:25	2°♊13'38	8°51'46
morning rise	-10458 Aug 11 j 16:51	0°♊27'02	
	-10458 Aug 12 j 11:19	30°℞♉	
direct	-10458 Aug 28 j 21:31	24°♉43'23	
greatest brilliancy	-10458 Sep 07 j 16:57	26°♉34'36	-4.9m
	-10458 Sep 14 j 23:42	0°♊	
asc. node	-10458 Sep 30 j 21:43	11°♊31'36	
morning max el	-10458 Oct 18 j 03:15	27°♊42'11	46°25'56
	-10458 Oct 20 j 09:33	0°♋	
	-10458 Nov 17 j 04:31	0°♌	
	-10458 Dec 13 j 12:17	0°♍	
	-10457 Jan 08 j 06:46	0°♎	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

desc. node	-10457 Jan 22 j 00:01	16°♎09'16	
	-10457 Feb 02 j 16:16	0°♏	
	-10457 Feb 27 j 16:42	0°♐	
	-10457 Mar 24 j 07:59	0°♑	
morning set	-10457 Apr 15 j 02:04	26°♑50'18	
	-10457 Apr 17 j 15:12	0°♒	
	-10457 May 11 j 16:16	0°♓	
asc. node	-10457 May 13 j 09:33	2°♓09'20	
max. Earth dist.	-10457 May 17 j 06:04	6°♓59'24	1.71625 AU
superior conj	-10457 May 21 j 02:39	11°♓49'58	0°17'52
minimum elong	-10457 May 20 j 23:04	11°♓38'44	0°17'28
	-10457 Jun 04 j 13:25	0°♈	
evening rise	-10457 Jun 27 j 20:42	29°♈21'35	
	-10457 Jun 28 j 08:54	0°♉	
	-10457 Jul 22 j 05:10	0°♊	
	-10457 Aug 15 j 04:35	0°♋	
desc. node	-10457 Sep 03 j 10:48	23°♋54'42	
	-10457 Sep 08 j 09:04	0°♌	
	-10457 Oct 02 j 20:23	0°♍	
	-10457 Oct 27 j 17:40	0°♎	
	-10457 Nov 22 j 09:03	0°♏	
	-10457 Dec 19 j 16:46	0°♐	
asc. node	-10457 Dec 24 j 03:18	4°♐33'33	
evening max el	-10456 Jan 01 j 02:46	12°♐26'20	44°54'55
	-10456 Jan 21 j 14:23	0°♑	
greatest brilliancy	-10456 Feb 07 j 16:32	9°♑35'02	-4.7m
retrograde	-10456 Feb 18 j 02:04	11°♑30'46	
evening set	-10456 Mar 06 j 01:13	6°♑11'23	
inferior conj	-10456 Mar 10 j 11:58	3°♑30'56	6°52'28
minimum elong	-10456 Mar 10 j 20:07	3°♑18'22	6°50'41
min. Earth dist.	-10456 Mar 11 j 17:45	2°♑44'59	0.28964 AU
morning rise	-10456 Mar 15 j 14:21	0°♑25'59	
	-10456 Mar 16 j 08:40	30°℞♐	
direct	-10456 Apr 01 j 09:33	25°♐08'51	
greatest brilliancy	-10456 Apr 12 j 18:15	27°♐25'50	-4.8m
desc. node	-10456 Apr 15 j 09:56	28°♐32'47	
	-10456 Apr 18 j 08:35	0°♑	
morning max el	-10456 May 21 j 05:23	26°♑18'37	46°26'35
	-10456 May 24 j 22:00	0°♒	
	-10456 Jun 21 j 13:18	0°♓	
	-10456 Jul 17 j 00:38	0°♈	
asc. node	-10456 Aug 04 j 23:49	23°♈08'20	
	-10456 Aug 10 j 13:16	0°♉	
	-10456 Sep 03 j 16:17	0°♊	
	-10456 Sep 27 j 17:39	0°♋	
	-10456 Oct 21 j 21:53	0°♌	
	-10456 Nov 15 j 06:16	0°♍	
desc. node	-10456 Nov 25 j 23:01	13°♍07'44	
morning set	-10456 Nov 26 j 05:35	13°♍27'51	
	-10456 Dec 09 j 17:33	0°♎	
max. Earth dist.	-10455 Jan 03 j 03:28	29°♎54'00	1.73759 AU
	-10455 Jan 03 j 05:26	0°♏	
superior conj	-10455 Jan 04 j 06:19	1°♏16'15	-1°11'57
minimum elong	-10455 Jan 03 j 23:10	0°♏54'21	1°12'03
	-10455 Jan 27 j 16:20	0°♐	
evening rise	-10455 Feb 09 j 08:26	15°♐33'53	
greatest brilliancy	-10455 Feb 13 j 20:19	21°♐05'21	-3.9m
	-10455 Feb 21 j 02:17	0°♑	
asc. node	-10455 Mar 17 j 10:13	29°♑53'09	
	-10455 Mar 17 j 12:27	0°♒	
	-10455 Apr 11 j 00:15	0°♓	
	-10455 May 05 j 15:02	0°♈	
	-10455 May 30 j 10:53	0°♉	
	-10455 Jun 24 j 16:44	0°♊	
desc. node	-10455 Jul 08 j 15:02	16°♊09'52	
	-10455 Jul 20 j 20:40	0°♋	
evening max el	-10455 Aug 09 j 12:21	21°♋03'58	47°43'59
	-10455 Aug 18 j 13:07	0°♌	
greatest brilliancy	-10455 Sep 19 j 16:49	23°♌18'28	-4.9m
retrograde	-10455 Sep 29 j 19:49	25°♌18'24	
evening set	-10455 Oct 14 j 21:57	20°♌38'35	
min. Earth dist.	-10455 Oct 20 j 03:54	17°♌24'20	0.27708 AU
inferior conj	-10455 Oct 20 j 18:16	17°♌01'16	-1°49'26
minimum elong	-10455 Oct 20 j 22:01	16°♌55'14	1°47'53
morning rise	-10455 Oct 26 j 22:51	13°♌13'53	
asc. node	-10455 Oct 28 j 08:36	12°♌28'37	
direct	-10455 Nov 10 j 09:25	8°♌58'48	
greatest brilliancy	-10455 Nov 19 j 14:13	10°♌34'33	-4.8m
	-10455 Dec 19 j 02:24	0°♍	
morning max el	-10455 Dec 29 j 09:29	9°♍28'01	46°01'35
	-10454 Jan 18 j 16:48	0°♎	
	-10454 Feb 15 j 03:50	0°♏	
desc. node	-10454 Feb 18 j 12:50	3°♏48'20	
	-10454 Mar 13 j 07:04	0°♐	
	-10454 Apr 07 j 13:41	0°♑	
	-10454 May 02 j 05:04	0°♒	
	-10454 May 26 j 09:22	0°♓	
asc. node	-10454 Jun 09 j 23:06	18°♓16'44	
	-10454 Jun 19 j 06:21	0°♈	
greatest brilliancy	-10454 Jun 20 j 22:35	2°♈06'54	-3.9m
morning set	-10454 Jun 23 j 11:28	5°♈19'05	
	-10454 Jul 12 j 23:39	0°♉	
superior conj	-10454 Aug 02 j 11:23	25°♉55'48	1°23'00
minimum elong	-10454 Aug 02 j 09:46	25°♉50'42	1°23'27
	-10454 Aug 05 j 16:39	0°♊	
max. Earth dist.	-10454 Aug 06 j 11:50	1°♊00'34	1.70762 AU
	-10454 Aug 29 j 12:13	0°♋	
evening rise	-10454 Sep 14 j 08:06	19°♋49'07	
	-10454 Sep 22 j 12:08	0°♌	
desc. node	-10454 Sep 30 j 22:54	10°♌30'08	
	-10454 Oct 16 j 16:55	0°♍	
	-10454 Nov 10 j 02:37	0°♎	
	-10454 Dec 04 j 18:10	0°♏	
	-10454 Dec 29 j 19:16	0°♐	
asc. node	-10453 Jan 20 j 13:43	25°♐25'12	
	-10453 Jan 24 j 13:46	0°♑	
	-10453 Feb 20 j 17:36	0°♒	
evening max el	-10453 Mar 14 j 03:59	21°♒38'55	45°27'11
	-10453 Mar 23 j 08:08	0°♓	
greatest brilliancy	-10453 Apr 22 j 01:35	19°♓25'39	-4.8m
retrograde	-10453 May 02 j 01:11	21°♓11'38	
desc. node	-10453 May 13 j 20:44	18°♓31'00	
evening set	-10453 May 16 j 11:19	17°♓16'25	
inferior conj	-10453 May 22 j 22:11	13°♓38'16	-2°10'42
minimum elong	-10453 May 22 j 17:18	13°♓45'30	2°09'29
min. Earth dist.	-10453 May 23 j 07:04	13°♓25'09	0.26916 AU
morning rise	-10453 May 28 j 22:39	10°♓12'41	
direct	-10453 Jun 12 j 20:32	5°♓58'06	
greatest brilliancy	-10453 Jun 24 j 03:28	8°♓19'21	-4.9m
	-10453 Jul 24 j 07:05	0°♈	
morning max el	-10453 Aug 02 j 11:38	9°♈01'49	46°43'27
	-10453 Aug 21 j 23:13	0°♉	
asc. node	-10453 Sep 02 j 12:20	13°♉10'58	
	-10453 Sep 16 j 20:07	0°♊	
	-10453 Oct 11 j 20:01	0°♋	
	-10453 Nov 05 j 14:30	0°♌	
	-10453 Nov 30 j 09:20	0°♍	
desc. node	-10453 Dec 24 j 12:45	29°♍11'08	
	-10453 Dec 25 j 04:55	0°♎	
	-10452 Jan 18 j 23:02	0°♏	
morning set	-10452 Feb 05 j 12:25	21°♏23'13	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10452 Feb 12 j 13:27	0°♐	
	-10452 Mar 07 j 23:17	0°♑	
max. Earth dist.	-10452 Mar 07 j 22:53	29°♐58'47	1.73333 AU
superior conj	-10452 Mar 11 j 22:27	4°♑53'37	-1°05'29
minimum elong	-10452 Mar 12 j 05:48	5°♑16'21	1°05'53
	-10452 Apr 01 j 05:11	0°♒	
asc. node	-10452 Apr 13 j 22:41	15°♒48'20	
evening rise	-10452 Apr 16 j 04:16	18°♒34'54	
	-10452 Apr 25 j 08:34	0°♓	
	-10452 May 19 j 10:51	0°♈	
	-10452 Jun 12 j 13:36	0°♉	
	-10452 Jul 06 j 18:52	0°♊	
	-10452 Jul 31 j 05:39	0°♋	
desc. node	-10452 Aug 05 j 01:37	5°♋52'35	
	-10452 Aug 25 j 02:35	0°♌	
	-10452 Sep 19 j 18:50	0°♍	
	-10452 Oct 17 j 08:50	0°♎	
evening max el	-10452 Oct 19 j 04:39	1°♎50'54	46°11'57
	-10452 Nov 23 j 02:00	0°♏	
asc. node	-10452 Nov 24 j 19:19	0°♏49'12	
greatest brilliancy	-10452 Nov 26 j 14:33	1°♏35'20	-4.8m
retrograde	-10452 Dec 07 j 22:35	3°♏58'27	
	-10452 Dec 21 j 23:08	30°℞♎	
evening set	-10452 Dec 24 j 04:22	28°♎44'27	
inferior conj	-10452 Dec 29 j 06:35	25°♎32'39	6°41'12
minimum elong	-10452 Dec 28 j 22:27	25°♎45'46	6°39'43
min. Earth dist.	-10452 Dec 28 j 23:05	25°♎44'44	0.29402 AU
morning rise	-10451 Jan 02 j 16:51	22°♎45'08	
direct	-10451 Jan 20 j 00:21	17°♎02'27	
greatest brilliancy	-10451 Jan 29 j 04:50	18°♎34'33	-4.7m
	-10451 Feb 18 j 11:42	0°♏	
morning max el	-10451 Mar 09 j 20:42	16°♏40'45	46°01'11
desc. node	-10451 Mar 18 j 00:54	24°♏39'28	
	-10451 Mar 23 j 07:08	0°♐	
	-10451 Apr 19 j 21:47	0°♑	
	-10451 May 15 j 16:08	0°♒	
	-10451 Jun 09 j 10:26	0°♓	
	-10451 Jul 03 j 14:26	0°♈	
asc. node	-10451 Jul 07 j 12:42	4°♈55'22	
	-10451 Jul 27 j 10:43	0°♉	
	-10451 Aug 20 j 04:33	0°♊	
morning set	-10451 Sep 08 j 02:06	23°♊49'20	
	-10451 Sep 13 j 00:06	0°♋	
	-10451 Oct 06 j 23:54	0°♌	
superior conj	-10451 Oct 20 j 12:32	16°♌48'07	0°17'55
minimum elong	-10451 Oct 20 j 17:20	17°♌03'00	0°18'10
max. Earth dist.	-10451 Oct 26 j 05:40	23°♌52'48	1.72426 AU
desc. node	-10451 Oct 28 j 11:47	26°♌40'11	
	-10451 Oct 31 j 04:25	0°♍	
	-10451 Nov 24 j 12:32	0°♎	
evening rise	-10451 Nov 30 j 13:22	7°♎25'13	
	-10451 Dec 18 j 22:59	0°♏	
	-10450 Jan 12 j 11:49	0°♐	
	-10450 Feb 06 j 04:58	0°♑	
asc. node	-10450 Feb 17 j 00:42	13°♑01'40	
	-10450 Mar 03 j 05:36	0°♒	
	-10450 Mar 28 j 17:43	0°♓	
	-10450 Apr 24 j 00:15	0°♈	
	-10450 May 21 j 21:49	0°♉	
evening max el	-10450 May 26 j 22:15	5°♉02'40	47°12'40
desc. node	-10450 Jun 10 j 07:08	18°♉28'22	
	-10450 Jun 25 j 08:12	0°♊	
greatest brilliancy	-10450 Jul 07 j 05:22	5°♊57'24	-4.9m
retrograde	-10450 Jul 16 j 11:54	7°♊34'33	
evening set	-10450 Aug 03 j 08:06	1°♊31'03	
min. Earth dist.	-10450 Aug 05 j 15:34	0°♊06'50	0.26601 AU
	-10450 Aug 05 j 20:02	30°℞♉	
inferior conj	-10450 Aug 06 j 04:56	29°♉46'21	-8°53'40
minimum elong	-10450 Aug 06 j 05:46	29°♉45'03	8°53'12
morning rise	-10450 Aug 09 j 03:33	27°♉59'23	
direct	-10450 Aug 26 j 09:20	22°♉13'55	
greatest brilliancy	-10450 Sep 05 j 06:34	24°♉06'10	-4.9m
	-10450 Sep 16 j 13:37	0°♊	
asc. node	-10450 Sep 29 j 23:56	10°♊23'51	
morning max el	-10450 Oct 15 j 15:21	25°♊12'56	46°26'55
	-10450 Oct 20 j 07:32	0°♋	
	-10450 Nov 16 j 20:49	0°♌	
	-10450 Dec 13 j 02:17	0°♍	
	-10449 Jan 07 j 19:32	0°♎	
desc. node	-10449 Jan 21 j 02:02	15°♎38'49	
	-10449 Feb 02 j 04:16	0°♏	
	-10449 Feb 27 j 04:13	0°♐	
	-10449 Mar 23 j 19:14	0°♑	
morning set	-10449 Apr 12 j 20:55	24°♑45'16	
	-10449 Apr 17 j 02:22	0°♒	
	-10449 May 11 j 03:28	0°♓	
asc. node	-10449 May 12 j 11:48	1°♓41'15	
max. Earth dist.	-10449 May 14 j 22:03	4°♓43'50	1.71690 AU
superior conj	-10449 May 18 j 19:22	9°♓36'33	0°14'41
minimum elong	-10449 May 18 j 16:27	9°♓27'22	0°14'17
behind sun begin	-10449 May 18 j 05:48	8°♓53'58	
behind sun end	-10449 May 19 j 03:05	10°♓00'47	
	-10449 Jun 04 j 00:43	0°♈	
evening rise	-10449 Jun 25 j 10:06	26°♈56'36	
	-10449 Jun 27 j 20:21	0°♉	
	-10449 Jul 21 j 16:47	0°♊	
	-10449 Aug 14 j 16:22	0°♋	
desc. node	-10449 Sep 02 j 12:58	23°♋24'27	
	-10449 Sep 07 j 21:05	0°♌	
	-10449 Oct 02 j 08:45	0°♍	
	-10449 Oct 27 j 06:44	0°♎	
	-10449 Nov 21 j 23:40	0°♏	
	-10449 Dec 19 j 11:30	0°♐	
asc. node	-10449 Dec 23 j 05:31	3°♐49'05	
evening max el	-10449 Dec 29 j 17:39	10°♐13'11	44°55'52
	-10448 Jan 22 j 07:42	0°♑	
greatest brilliancy	-10448 Feb 05 j 06:56	7°♑24'59	-4.7m
retrograde	-10448 Feb 15 j 18:21	9°♑22'40	
evening set	-10448 Mar 03 j 19:25	3°♑59'04	
inferior conj	-10448 Mar 08 j 04:11	1°♑21'22	7°01'51
minimum elong	-10448 Mar 08 j 11:58	1°♑09'20	7°00'12
min. Earth dist.	-10448 Mar 09 j 09:20	0°♑36'21	0.29030 AU
	-10448 Mar 10 j 09:01	30°℞♐	
morning rise	-10448 Mar 13 j 03:58	28°♐20'09	
direct	-10448 Mar 30 j 02:02	22°♐57'59	
greatest brilliancy	-10448 Apr 10 j 10:05	25°♐14'33	-4.8m
desc. node	-10448 Apr 14 j 12:12	27°♐02'02	
	-10448 Apr 19 j 20:38	0°♑	
morning max el	-10448 May 18 j 21:43	24°♑05'11	46°25'36
	-10448 May 24 j 18:55	0°♒	
	-10448 Jun 21 j 05:03	0°♓	
	-10448 Jul 16 j 14:25	0°♈	
asc. node	-10448 Aug 04 j 01:51	22°♈34'33	
	-10448 Aug 10 j 02:05	0°♉	
	-10448 Sep 03 j 04:33	0°♊	
	-10448 Sep 27 j 05:33	0°♋	
	-10448 Oct 21 j 09:29	0°♌	
	-10448 Nov 14 j 17:36	0°♍	
morning set	-10448 Nov 23 j 18:57	11°♍07'10	
desc. node	-10448 Nov 25 j 01:13	12°♍39'58	
	-10448 Dec 09 j 04:41	0°♎	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

max. Earth dist.	-10447 Jan 01 j 00:13	27°♎56'44	1.73748 AU
superior conj	-10447 Jan 01 j 23:36	29°♎08'24	-1°10'29
minimum elong	-10447 Jan 01 j 16:02	28°♎45'12	1°10'32
	-10447 Jan 02 j 16:27	0°♏	
	-10447 Jan 27 j 03:21	0°♐	
evening rise	-10447 Feb 07 j 03:59	13°♐32'34	
greatest brilliancy	-10447 Feb 12 j 12:07	20°♐06'09	-3.9m
	-10447 Feb 20 j 13:25	0°♑	
asc. node	-10447 Mar 16 j 12:25	29°♑24'57	
	-10447 Mar 16 j 23:51	0°♒	
	-10447 Apr 10 j 12:05	0°♓	
	-10447 May 05 j 03:30	0°♈	
	-10447 May 30 j 00:19	0°♉	
	-10447 Jun 24 j 07:43	0°♊	
desc. node	-10447 Jul 07 j 17:08	15°♊29'27	
	-10447 Jul 20 j 14:38	0°♋	
evening max el	-10447 Aug 07 j 04:21	18°♋44'58	47°45'37
	-10447 Aug 18 j 16:20	0°♌	
greatest brilliancy	-10447 Sep 17 j 09:20	20°♌58'40	-4.9m
retrograde	-10447 Sep 27 j 11:56	22°♌58'12	
evening set	-10447 Oct 12 j 14:55	18°♌16'10	
inferior conj	-10447 Oct 18 j 09:33	14°♌41'38	-2°10'17
minimum elong	-10447 Oct 18 j 14:00	14°♌34'31	2°08'31
min. Earth dist.	-10447 Oct 17 j 19:15	15°♌04'32	0.27649 AU
morning rise	-10447 Oct 24 j 13:52	10°♌55'18	
asc. node	-10447 Oct 27 j 10:57	9°♌26'39	
direct	-10447 Nov 08 j 00:04	6°♌40'17	
greatest brilliancy	-10447 Nov 17 j 05:03	8°♌16'45	-4.8m
	-10447 Dec 19 j 06:05	0°♍	
morning max el	-10447 Dec 27 j 02:00	7°♍17'35	46°02'12
	-10446 Jan 18 j 10:01	0°♎	
	-10446 Feb 14 j 17:53	0°♏	
desc. node	-10446 Feb 17 j 14:59	3°♏15'19	
	-10446 Mar 12 j 19:42	0°♐	
	-10446 Apr 07 j 01:34	0°♑	
	-10446 May 01 j 16:34	0°♒	
	-10446 May 25 j 20:40	0°♓	
asc. node	-10446 Jun 09 j 01:16	17°♓48'07	
	-10446 Jun 18 j 17:35	0°♈	
greatest brilliancy	-10446 Jun 20 j 01:46	1°♈41'32	-3.9m
morning set	-10446 Jun 21 j 01:17	2°♈55'45	
	-10446 Jul 12 j 10:53	0°♉	
superior conj	-10446 Jul 30 j 21:26	23°♉20'10	1°22'39
minimum elong	-10446 Jul 30 j 18:48	23°♉11'52	1°23'05
max. Earth dist.	-10446 Aug 03 j 17:22	28°♉10'42	1.70745 AU
	-10446 Aug 05 j 03:57	0°♊	
	-10446 Aug 28 j 23:34	0°♋	
evening rise	-10446 Sep 11 j 15:09	17°♋05'41	
	-10446 Sep 21 j 23:31	0°♌	
desc. node	-10446 Sep 30 j 01:07	10°♌01'32	
	-10446 Oct 16 j 04:23	0°♍	
	-10446 Nov 09 j 14:12	0°♎	
	-10446 Dec 04 j 06:04	0°♏	
	-10446 Dec 29 j 07:51	0°♐	
asc. node	-10445 Jan 19 j 15:54	24°♐52'02	
	-10445 Jan 24 j 03:51	0°♑	
	-10445 Feb 20 j 11:15	0°♒	
evening max el	-10445 Mar 11 j 18:47	19°♒23'47	45°24'11
	-10445 Mar 23 j 14:27	0°♓	
greatest brilliancy	-10445 Apr 19 j 13:36	17°♓02'59	-4.8m
retrograde	-10445 Apr 29 j 13:18	18°♓48'35	
desc. node	-10445 May 12 j 23:02	15°♓24'37	
evening set	-10445 May 13 j 23:30	14°♓54'10	
inferior conj	-10445 May 20 j 10:44	11°♓15'07	-1°48'13
minimum elong	-10445 May 20 j 06:39	11°♓21'09	1°47'14
min. Earth dist.	-10445 May 20 j 21:00	10°♓59'54	0.26967 AU
morning rise	-10445 May 26 j 13:08	7°♓46'35	
direct	-10445 Jun 10 j 10:26	3°♓34'01	
greatest brilliancy	-10445 Jun 21 j 17:36	5°♓55'11	-4.9m
	-10445 Jul 24 j 09:51	0°♈	
morning max el	-10445 Jul 31 j 00:30	6°♈33'58	46°43'20
	-10445 Aug 21 j 16:49	0°♉	
asc. node	-10445 Sep 01 j 14:37	12°♉31'11	
	-10445 Sep 16 j 10:47	0°♊	
	-10445 Oct 11 j 09:15	0°♋	
	-10445 Nov 05 j 02:53	0°♌	
	-10445 Nov 29 j 21:09	0°♍	
desc. node	-10445 Dec 23 j 14:44	28°♍42'36	
	-10445 Dec 24 j 16:18	0°♎	
	-10444 Jan 18 j 10:07	0°♏	
morning set	-10444 Feb 03 j 06:59	19°♏20'06	
	-10444 Feb 12 j 00:19	0°♐	
max. Earth dist.	-10444 Mar 05 j 18:56	27°♐59'21	1.73373 AU
	-10444 Mar 07 j 10:04	0°♑	
superior conj	-10444 Mar 09 j 18:29	2°♑54'03	-1°07'08
minimum elong	-10444 Mar 10 j 01:40	3°♑16'11	1°07'33
	-10444 Mar 31 j 16:03	0°♒	
asc. node	-10444 Apr 13 j 00:59	15°♒21'27	
evening rise	-10444 Apr 13 j 23:38	16°♒31'50	
	-10444 Apr 24 j 19:37	0°♓	
	-10444 May 18 j 22:13	0°♈	
	-10444 Jun 12 j 01:19	0°♉	
	-10444 Jul 06 j 07:00	0°♊	
	-10444 Jul 30 j 18:23	0°♋	
desc. node	-10444 Aug 04 j 03:50	5°♋20'15	
	-10444 Aug 24 j 16:18	0°♌	
	-10444 Sep 19 j 10:31	0°♍	
evening max el	-10444 Oct 16 j 20:17	29°♍35'44	46°15'34
	-10444 Oct 17 j 05:56	0°♎	
asc. node	-10444 Nov 23 j 21:35	29°♎16'53	
greatest brilliancy	-10444 Nov 24 j 09:14	29°♎28'45	-4.8m
	-10444 Nov 25 j 18:08	0°♏	
retrograde	-10444 Dec 05 j 15:52	1°♏50'59	
	-10444 Dec 15 j 03:38	30°℞♎	
evening set	-10444 Dec 21 j 19:39	26°♎40'33	
min. Earth dist.	-10444 Dec 26 j 15:54	23°♎38'27	0.29360 AU
inferior conj	-10444 Dec 27 j 00:07	23°♎25'11	6°30'54
minimum elong	-10444 Dec 26 j 15:48	23°♎38'38	6°29'20
morning rise	-10444 Dec 31 j 12:15	20°♎34'31	
direct	-10443 Jan 17 j 16:58	14°♎55'41	
greatest brilliancy	-10443 Jan 26 j 20:49	16°♎27'00	-4.7m
	-10443 Feb 18 j 22:13	0°♏	
morning max el	-10443 Mar 07 j 11:51	14°♏30'07	46°00'46
desc. node	-10443 Mar 17 j 03:08	23°♏56'34	
	-10443 Mar 23 j 01:06	0°♐	
	-10443 Apr 19 j 12:02	0°♑	
	-10443 May 15 j 04:52	0°♒	
	-10443 Jun 08 j 22:27	0°♓	
	-10443 Jul 03 j 02:06	0°♈	
asc. node	-10443 Jul 06 j 14:46	4°♈25'24	
	-10443 Jul 26 j 22:11	0°♉	
	-10443 Aug 19 j 15:54	0°♊	
morning set	-10443 Sep 05 j 11:17	21°♊11'48	
	-10443 Sep 12 j 11:22	0°♋	
	-10443 Oct 06 j 11:05	0°♌	
superior conj	-10443 Oct 17 j 22:05	14°♌14'28	0°21'40
minimum elong	-10443 Oct 18 j 03:50	14°♌32'18	0°21'51
max. Earth dist.	-10443 Oct 23 j 21:22	21°♌38'24	1.72356 AU
desc. node	-10443 Oct 27 j 13:58	26°♌12'36	
	-10443 Oct 30 j 15:31	0°♍	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10443 Nov 23 j 23:35	0°♎	
evening rise	-10443 Nov 28 j 03:29	5°♎07'07	
	-10443 Dec 18 j 10:04	0°♏	
	-10442 Jan 11 j 23:04	0°♐	
	-10442 Feb 05 j 16:37	0°♑	
asc. node	-10442 Feb 16 j 03:01	12°♑32'53	
	-10442 Mar 02 j 18:00	0°♒	
	-10442 Mar 28 j 07:28	0°♓	
	-10442 Apr 23 j 16:32	0°♈	
	-10442 May 21 j 20:14	0°♉	
evening max el	-10442 May 24 j 10:08	2°♉34'13	47°09'08
desc. node	-10442 Jun 09 j 09:11	17°♉20'56	
	-10442 Jun 27 j 01:02	0°♊	
greatest brilliancy	-10442 Jul 04 j 17:47	3°♊27'01	-4.9m
retrograde	-10442 Jul 13 j 23:27	5°♊03'44	
	-10442 Jul 30 j 03:46	30°℞♉	
evening set	-10442 Jul 31 j 19:18	29°♉02'23	
min. Earth dist.	-10442 Aug 03 j 04:05	27°♉36'32	0.26588 AU
inferior conj	-10442 Aug 03 j 17:07	27°♉16'37	-8°53'54
minimum elong	-10442 Aug 03 j 16:59	27°♉16'48	8°53'26
morning rise	-10442 Aug 06 j 14:44	25°♉31'20	
direct	-10442 Aug 23 j 21:03	19°♉44'23	
greatest brilliancy	-10442 Sep 02 j 20:26	21°♉38'20	-4.9m
	-10442 Sep 17 j 16:11	0°♊	
asc. node	-10442 Sep 29 j 02:15	9°♊18'25	
morning max el	-10442 Oct 13 j 03:52	22°♊44'57	46°27'57
	-10442 Oct 20 j 04:36	0°♋	
	-10442 Nov 16 j 12:39	0°♌	
	-10442 Dec 12 j 15:55	0°♍	
	-10441 Jan 07 j 07:57	0°♎	
desc. node	-10441 Jan 20 j 04:11	15°♎09'41	
	-10441 Feb 01 j 15:57	0°♏	
	-10441 Feb 26 j 15:27	0°♐	
	-10441 Mar 23 j 06:13	0°♑	
morning set	-10441 Apr 10 j 16:08	22°♑42'24	
	-10441 Apr 16 j 13:13	0°♒	
	-10441 May 10 j 14:20	0°♓	
asc. node	-10441 May 11 j 13:59	1°♓14'05	
max. Earth dist.	-10441 May 12 j 16:02	2°♓35'40	1.71749 AU
superior conj	-10441 May 16 j 12:35	7°♓25'51	0°11'31
minimum elong	-10441 May 16 j 10:18	7°♓18'42	0°11'07
behind sun begin	-10441 May 15 j 17:35	6°♓26'14	
behind sun end	-10441 May 17 j 03:02	8°♓11'10	
	-10441 Jun 03 j 11:40	0°♈	
evening rise	-10441 Jun 23 j 00:06	24°♈34'40	
	-10441 Jun 27 j 07:27	0°♉	
	-10441 Jul 21 j 04:06	0°♊	
	-10441 Aug 14 j 03:56	0°♋	
desc. node	-10441 Sep 01 j 15:13	22°♋55'07	
	-10441 Sep 07 j 08:55	0°♌	
	-10441 Oct 01 j 20:59	0°♍	
	-10441 Oct 26 j 19:43	0°♎	
	-10441 Nov 21 j 14:17	0°♏	
	-10441 Dec 19 j 06:34	0°♐	
asc. node	-10441 Dec 22 j 07:43	3°♐04'23	
evening max el	-10441 Dec 27 j 09:06	8°♐01'52	44°57'02
	-10440 Jan 23 j 06:53	0°♑	
greatest brilliancy	-10440 Feb 02 j 21:06	5°♑15'16	-4.7m
retrograde	-10440 Feb 13 j 10:50	7°♑14'55	
evening set	-10440 Mar 01 j 13:29	1°♑47'21	
	-10440 Mar 04 j 13:13	30°℞♐	
inferior conj	-10440 Mar 05 j 20:17	29°♐12'09	7°10'47
minimum elong	-10440 Mar 06 j 03:42	29°♐00'42	7°09'15
min. Earth dist.	-10440 Mar 07 j 00:27	28°♐28'40	0.29091 AU
morning rise	-10440 Mar 10 j 17:26	26°♐14'44	
direct	-10440 Mar 27 j 18:55	20°♐47'41	
greatest brilliancy	-10440 Apr 08 j 01:09	23°♐03'04	-4.8m
desc. node	-10440 Apr 13 j 14:25	25°♐34'46	
	-10440 Apr 20 j 21:56	0°♑	
morning max el	-10440 May 16 j 14:29	21°♑53'50	46°24'48
	-10440 May 24 j 14:51	0°♒	
	-10440 Jun 20 j 20:15	0°♓	
	-10440 Jul 16 j 03:46	0°♈	
asc. node	-10440 Aug 03 j 04:12	22°♈02'50	
	-10440 Aug 09 j 14:31	0°♉	
	-10440 Sep 02 j 16:30	0°♊	
	-10440 Sep 26 j 17:12	0°♋	
	-10440 Oct 20 j 20:53	0°♌	
	-10440 Nov 14 j 04:48	0°♍	
morning set	-10440 Nov 21 j 07:42	8°♍44'48	
desc. node	-10440 Nov 24 j 03:15	12°♍12'03	
	-10440 Dec 08 j 15:41	0°♎	
max. Earth dist.	-10440 Dec 29 j 21:58	26°♎02'55	1.73732 AU
superior conj	-10440 Dec 30 j 16:14	26°♎58'52	-1°08'53
minimum elong	-10440 Dec 30 j 08:16	26°♎34'28	1°08'54
	-10439 Jan 02 j 03:20	0°♏	
	-10439 Jan 26 j 14:14	0°♐	
evening rise	-10439 Feb 04 j 23:11	11°♐30'40	
greatest brilliancy	-10439 Feb 11 j 06:43	19°♐15'59	-3.9m
	-10439 Feb 20 j 00:26	0°♑	
asc. node	-10439 Mar 15 j 14:44	28°♑57'32	
	-10439 Mar 16 j 11:07	0°♒	
	-10439 Apr 09 j 23:48	0°♓	
	-10439 May 04 j 15:53	0°♈	
	-10439 May 29 j 13:39	0°♉	
	-10439 Jun 23 j 22:35	0°♊	
desc. node	-10439 Jul 06 j 19:25	14°♊50'05	
	-10439 Jul 20 j 08:40	0°♋	
evening max el	-10439 Aug 04 j 20:52	16°♋28'15	47°47'03
	-10439 Aug 18 j 20:50	0°♌	
greatest brilliancy	-10439 Sep 15 j 01:26	18°♌39'01	-4.9m
retrograde	-10439 Sep 25 j 04:00	20°♌38'09	
evening set	-10439 Oct 10 j 08:01	15°♌53'54	
min. Earth dist.	-10439 Oct 15 j 10:22	12°♌45'08	0.27597 AU
inferior conj	-10439 Oct 16 j 00:47	12°♌22'06	-2°31'06
minimum elong	-10439 Oct 16 j 05:54	12°♌13'55	2°29'06
morning rise	-10439 Oct 22 j 04:38	8°♌36'57	
asc. node	-10439 Oct 26 j 13:13	6°♌29'20	
direct	-10439 Nov 05 j 15:10	4°♌21'58	
greatest brilliancy	-10439 Nov 14 j 19:40	5°♌58'36	-4.8m
	-10439 Dec 19 j 08:13	0°♍	
morning max el	-10439 Dec 24 j 18:15	5°♍06'22	46°02'37
	-10438 Jan 18 j 02:55	0°♎	
	-10438 Feb 14 j 07:49	0°♏	
desc. node	-10438 Feb 16 j 17:15	2°♏42'48	
	-10438 Mar 12 j 08:14	0°♐	
	-10438 Apr 06 j 13:22	0°♑	
	-10438 May 01 j 03:58	0°♒	
	-10438 May 25 j 07:53	0°♓	
asc. node	-10438 Jun 08 j 03:21	17°♓19'28	
	-10438 Jun 18 j 04:44	0°♈	
morning set	-10438 Jun 18 j 15:21	0°♈33'28	
	-10438 Jul 11 j 22:03	0°♉	
superior conj	-10438 Jul 28 j 08:02	20°♉46'37	1°22'08
minimum elong	-10438 Jul 28 j 04:26	20°♉35'15	1°22'31
max. Earth dist.	-10438 Jul 31 j 20:43	25°♉14'17	1.70724 AU
	-10438 Aug 04 j 15:09	0°♊	
	-10438 Aug 28 j 10:47	0°♋	
evening rise	-10438 Sep 08 j 22:31	14°♋23'35	
	-10438 Sep 21 j 10:46	0°♌	
desc. node	-10438 Sep 29 j 03:18	9°♌33'18	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10438 Oct 15 j 15:43	0°♍	
	-10438 Nov 09 j 01:44	0°♎	
	-10438 Dec 03 j 17:59	0°♏	
	-10438 Dec 28 j 20:33	0°♐	
asc. node	-10437 Jan 18 j 18:16	24°♐19'00	
	-10437 Jan 23 j 18:10	0°♑	
	-10437 Feb 20 j 05:26	0°♒	
evening max el	-10437 Mar 09 j 08:37	17°♒06'11	45°21'20
	-10437 Mar 23 j 23:18	0°♓	
greatest brilliancy	-10437 Apr 17 j 02:12	14°♓40'57	-4.8m
retrograde	-10437 Apr 27 j 00:56	16°♓25'37	
evening set	-10437 May 11 j 11:53	12°♓31'30	
desc. node	-10437 May 12 j 01:09	12°♓14'22	
inferior conj	-10437 May 17 j 23:16	8°♓52'04	-1°25'35
minimum elong	-10437 May 17 j 20:02	8°♓56'52	1°24'52
min. Earth dist.	-10437 May 18 j 11:17	8°♓34'14	0.27018 AU
morning rise	-10437 May 24 j 03:24	5°♓20'40	
direct	-10437 Jun 07 j 23:43	1°♓09'46	
greatest brilliancy	-10437 Jun 19 j 08:14	3°♓31'29	-4.9m
	-10437 Jul 24 j 11:17	0°♈	
morning max el	-10437 Jul 28 j 12:33	4°♈03'52	46°43'22
	-10437 Aug 21 j 10:06	0°♉	
asc. node	-10437 Aug 31 j 16:50	11°♉51'29	
	-10437 Sep 16 j 01:16	0°♊	
	-10437 Oct 10 j 22:22	0°♋	
	-10437 Nov 04 j 15:11	0°♌	
	-10437 Nov 29 j 08:55	0°♍	
desc. node	-10437 Dec 22 j 16:55	28°♍14'41	
	-10437 Dec 24 j 03:42	0°♎	
	-10436 Jan 17 j 21:15	0°♏	
morning set	-10436 Feb 01 j 01:13	17°♏15'38	
	-10436 Feb 11 j 11:17	0°♐	
max. Earth dist.	-10436 Mar 03 j 13:41	25°♐55'35	1.73413 AU
	-10436 Mar 06 j 20:59	0°♑	
superior conj	-10436 Mar 07 j 14:15	0°♑53'16	-1°08'44
minimum elong	-10436 Mar 07 j 21:12	1°♑14'40	1°09'08
	-10436 Mar 31 j 03:02	0°♒	
evening rise	-10436 Apr 11 j 18:45	14°♒27'40	
asc. node	-10436 Apr 12 j 03:06	14°♒53'36	
	-10436 Apr 24 j 06:49	0°♓	
	-10436 May 18 j 09:42	0°♈	
	-10436 Jun 11 j 13:10	0°♉	
	-10436 Jul 05 j 19:19	0°♊	
	-10436 Jul 30 j 07:19	0°♋	
desc. node	-10436 Aug 03 j 06:08	4°♋47'37	
	-10436 Aug 24 j 06:15	0°♌	
	-10436 Sep 19 j 02:30	0°♍	
evening max el	-10436 Oct 14 j 11:05	27°♍18'20	46°19'20
	-10436 Oct 17 j 03:47	0°♎	
greatest brilliancy	-10436 Nov 22 j 03:44	27°♎21'57	-4.8m
asc. node	-10436 Nov 22 j 23:44	27°♎41'22	
retrograde	-10436 Dec 03 j 09:16	29°♎43'49	
evening set	-10436 Dec 19 j 11:03	24°♎36'32	
inferior conj	-10436 Dec 24 j 17:46	21°♎17'52	6°20'00
minimum elong	-10436 Dec 24 j 09:19	21°♎31'33	6°18'21
min. Earth dist.	-10436 Dec 24 j 08:55	21°♎32'10	0.29321 AU
morning rise	-10436 Dec 29 j 07:51	18°♎24'02	
direct	-10435 Jan 15 j 09:23	12°♎48'50	
greatest brilliancy	-10435 Jan 24 j 13:22	14°♎19'59	-4.7m
	-10435 Feb 19 j 06:07	0°♏	
morning max el	-10435 Mar 05 j 03:20	12°♏19'41	46°00'14
desc. node	-10435 Mar 16 j 05:18	23°♏13'28	
	-10435 Mar 22 j 18:55	0°♐	
	-10435 Apr 19 j 02:23	0°♑	
	-10435 May 14 j 17:47	0°♒	
	-10435 Jun 08 j 10:39	0°♓	
	-10435 Jul 02 j 13:55	0°♈	
asc. node	-10435 Jul 05 j 17:04	3°♈55'37	
	-10435 Jul 26 j 09:49	0°♉	
	-10435 Aug 19 j 03:24	0°♊	
morning set	-10435 Sep 02 j 20:26	18°♊33'22	
	-10435 Sep 11 j 22:48	0°♋	
	-10435 Oct 05 j 22:27	0°♌	
superior conj	-10435 Oct 15 j 07:40	11°♌40'13	0°25'21
minimum elong	-10435 Oct 15 j 14:20	12°♌00'54	0°25'31
max. Earth dist.	-10435 Oct 21 j 10:25	19°♌15'13	1.72280 AU
desc. node	-10435 Oct 26 j 16:01	25°♌44'01	
	-10435 Oct 30 j 02:48	0°♍	
	-10435 Nov 23 j 10:47	0°♎	
evening rise	-10435 Nov 25 j 17:40	2°♎48'42	
	-10435 Dec 17 j 21:17	0°♏	
	-10434 Jan 11 j 10:29	0°♐	
	-10434 Feb 05 j 04:29	0°♑	
asc. node	-10434 Feb 15 j 05:17	12°♑03'16	
	-10434 Mar 02 j 06:43	0°♒	
	-10434 Mar 27 j 21:38	0°♓	
	-10434 Apr 23 j 09:27	0°♈	
	-10434 May 21 j 19:58	0°♉	
evening max el	-10434 May 21 j 22:13	0°♉05'34	47°05'41
desc. node	-10434 Jun 08 j 11:29	16°♉11'07	
	-10434 Jun 29 j 18:46	0°♊	
greatest brilliancy	-10434 Jul 02 j 05:29	0°♊55'00	-4.9m
retrograde	-10434 Jul 11 j 11:22	2°♊32'11	
	-10434 Jul 22 j 16:53	30°℞♉	
evening set	-10434 Jul 29 j 05:52	26°♉33'26	
min. Earth dist.	-10434 Jul 31 j 16:09	25°♉05'43	0.26574 AU
inferior conj	-10434 Aug 01 j 05:12	24°♉45'51	-8°52'58
minimum elong	-10434 Aug 01 j 04:07	24°♉47'30	8°52'31
morning rise	-10434 Aug 04 j 02:25	23°♉01'35	
direct	-10434 Aug 21 j 09:03	17°♉13'48	
greatest brilliancy	-10434 Aug 31 j 09:48	19°♉09'10	-4.9m
	-10434 Sep 18 j 12:05	0°♊	
asc. node	-10434 Sep 28 j 04:29	8°♊13'41	
morning max el	-10434 Oct 10 j 17:20	20°♊18'31	46°29'01
	-10434 Oct 20 j 01:15	0°♋	
	-10434 Nov 16 j 04:31	0°♌	
	-10434 Dec 12 j 05:40	0°♍	
	-10433 Jan 06 j 20:31	0°♎	
desc. node	-10433 Jan 19 j 06:25	14°♎40'14	
	-10433 Feb 01 j 03:47	0°♏	
	-10433 Feb 26 j 02:51	0°♐	
	-10433 Mar 22 j 17:24	0°♑	
morning set	-10433 Apr 08 j 11:28	20°♑39'11	
	-10433 Apr 16 j 00:21	0°♒	
	-10433 May 10 j 01:31	0°♓	
max. Earth dist.	-10433 May 10 j 08:36	0°♓22'11	1.71812 AU
asc. node	-10433 May 10 j 16:06	0°♓45'42	
superior conj	-10433 May 14 j 05:48	5°♓14'12	0°08'20
minimum elong	-10433 May 14 j 04:10	5°♓09'05	0°07'57
behind sun begin	-10433 May 13 j 08:08	4°♓06'15	
behind sun end	-10433 May 15 j 00:13	6°♓11'57	
	-10433 Jun 02 j 22:57	0°♈	
evening rise	-10433 Jun 20 j 14:03	22°♈11'31	
	-10433 Jun 26 j 18:54	0°♉	
	-10433 Jul 20 j 15:44	0°♊	
	-10433 Aug 13 j 15:48	0°♋	
desc. node	-10433 Aug 31 j 17:21	22°♋24'28	
	-10433 Sep 06 j 21:03	0°♌	
	-10433 Oct 01 j 09:33	0°♍	
	-10433 Oct 26 j 09:04	0°♎	
	-10433 Nov 21 j 05:21	0°♏	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10433 Dec 19 j 02:26	0°♐	
asc. node	-10433 Dec 21 j 10:10	2°♐19'05	
evening max el	-10433 Dec 25 j 01:31	5°♐52'21	44°58'25
	-10432 Jan 24 j 15:27	0°♑	
greatest brilliancy	-10432 Jan 31 j 11:58	3°♑06'32	-4.7m
retrograde	-10432 Feb 11 j 03:37	5°♑07'33	
	-10432 Feb 27 j 15:31	30°℞♐	
evening set	-10432 Feb 28 j 07:50	29°♐36'30	
inferior conj	-10432 Mar 03 j 12:45	27°♐03'29	7°18'55
minimum elong	-10432 Mar 03 j 19:45	26°♐52'39	7°17'30
min. Earth dist.	-10432 Mar 04 j 15:36	26°♐21'56	0.29148 AU
morning rise	-10432 Mar 08 j 07:18	24°♐09'37	
direct	-10432 Mar 25 j 12:19	18°♐38'13	
greatest brilliancy	-10432 Apr 05 j 15:43	20°♐51'17	-4.7m
desc. node	-10432 Apr 12 j 16:33	24°♐10'14	
	-10432 Apr 21 j 16:41	0°♑	
morning max el	-10432 May 14 j 07:16	19°♑42'08	46°23'38
	-10432 May 24 j 10:29	0°♒	
	-10432 Jun 20 j 11:35	0°♓	
	-10432 Jul 15 j 17:24	0°♈	
asc. node	-10432 Aug 02 j 06:22	21°♈29'30	
	-10432 Aug 09 j 03:17	0°♉	
	-10432 Sep 02 j 04:46	0°♊	
	-10432 Sep 26 j 05:08	0°♋	
	-10432 Oct 20 j 08:34	0°♌	
	-10432 Nov 13 j 16:15	0°♍	
morning set	-10432 Nov 18 j 20:24	6°♍21'22	
desc. node	-10432 Nov 23 j 05:24	11°♍43'44	
	-10432 Dec 08 j 02:58	0°♎	
superior conj	-10432 Dec 28 j 08:51	24°♎48'27	-1°07'11
minimum elong	-10432 Dec 28 j 00:33	24°♎23'02	1°07'09
max. Earth dist.	-10432 Dec 27 j 20:30	24°♎10'37	1.73710 AU
	-10431 Jan 01 j 14:30	0°♏	
	-10431 Jan 26 j 01:22	0°♐	
evening rise	-10431 Feb 02 j 18:34	9°♐28'40	
greatest brilliancy	-10431 Feb 10 j 03:59	18°♐33'22	-3.9m
	-10431 Feb 19 j 11:38	0°♑	
asc. node	-10431 Mar 14 j 16:54	28°♑29'07	
	-10431 Mar 15 j 22:35	0°♒	
	-10431 Apr 09 j 11:44	0°♓	
	-10431 May 04 j 04:32	0°♈	
	-10431 May 29 j 03:22	0°♉	
	-10431 Jun 23 j 14:01	0°♊	
desc. node	-10431 Jul 05 j 21:43	14°♊09'07	
	-10431 Jul 20 j 03:36	0°♋	
evening max el	-10431 Aug 02 j 13:26	14°♋10'06	47°48'11
	-10431 Aug 19 j 04:00	0°♌	
greatest brilliancy	-10431 Sep 12 j 17:45	16°♌17'52	-4.9m
retrograde	-10431 Sep 22 j 19:39	18°♌15'53	
evening set	-10431 Oct 08 j 01:03	13°♌29'39	
min. Earth dist.	-10431 Oct 13 j 01:22	10°♌23'40	0.27540 AU
inferior conj	-10431 Oct 13 j 15:45	10°♌00'41	-2°51'45
minimum elong	-10431 Oct 13 j 21:31	9°♌51'28	2°49'36
morning rise	-10431 Oct 19 j 18:54	6°♌16'50	
asc. node	-10431 Oct 25 j 15:23	3°♌34'50	
direct	-10431 Nov 03 j 06:02	2°♌02'02	
greatest brilliancy	-10431 Nov 12 j 10:02	3°♌38'33	-4.8m
	-10431 Dec 19 j 09:25	0°♍	
morning max el	-10431 Dec 22 j 09:26	2°♍51'34	46°03'09
	-10430 Jan 17 j 19:47	0°♎	
	-10430 Feb 13 j 21:50	0°♏	
desc. node	-10430 Feb 15 j 19:17	2°♏09'09	
	-10430 Mar 11 j 20:53	0°♐	
	-10430 Apr 06 j 01:17	0°♑	
	-10430 Apr 30 j 15:28	0°♒	
	-10430 May 24 j 19:12	0°♓	
asc. node	-10430 Jun 07 j 05:39	16°♓51'08	
morning set	-10430 Jun 16 j 05:45	28°♓11'48	
	-10430 Jun 17 j 16:03	0°♈	
	-10430 Jul 11 j 09:25	0°♉	
superior conj	-10430 Jul 25 j 18:43	18°♉12'35	1°21'26
minimum elong	-10430 Jul 25 j 14:11	17°♉58'15	1°21'47
max. Earth dist.	-10430 Jul 28 j 19:50	22°♉03'42	1.70715 AU
	-10430 Aug 04 j 02:35	0°♊	
	-10430 Aug 27 j 22:17	0°♋	
evening rise	-10430 Sep 06 j 05:20	11°♋38'45	
	-10430 Sep 20 j 22:20	0°♌	
desc. node	-10430 Sep 28 j 05:24	9°♌03'52	
	-10430 Oct 15 j 03:22	0°♍	
	-10430 Nov 08 j 13:32	0°♎	
	-10430 Dec 03 j 06:10	0°♏	
	-10430 Dec 28 j 09:30	0°♐	
asc. node	-10429 Jan 17 j 20:30	23°♐44'53	
	-10429 Jan 23 j 08:48	0°♑	
	-10429 Feb 20 j 00:10	0°♒	
evening max el	-10429 Mar 06 j 22:00	14°♒47'31	45°18'45
	-10429 Mar 24 j 11:04	0°♓	
greatest brilliancy	-10429 Apr 14 j 15:21	12°♓20'20	-4.8m
retrograde	-10429 Apr 24 j 12:52	14°♓04'18	
evening set	-10429 May 09 j 00:51	10°♓09'48	
desc. node	-10429 May 11 j 03:25	9°♓02'32	
inferior conj	-10429 May 15 j 12:16	6°♓30'32	-1°03'08
minimum elong	-10429 May 15 j 09:51	6°♓34'06	1°02'42
min. Earth dist.	-10429 May 16 j 02:07	6°♓09'57	0.27073 AU
morning rise	-10429 May 21 j 17:56	2°♓56'37	
	-10429 May 28 j 16:11	30°℞♒	
direct	-10429 Jun 05 j 13:00	28°♒46'49	
	-10429 Jun 13 j 15:07	0°♓	
greatest brilliancy	-10429 Jun 16 j 23:39	1°♓09'50	-4.9m
	-10429 Jul 24 j 11:26	0°♈	
morning max el	-10429 Jul 26 j 00:47	1°♈34'26	46°43'09
	-10429 Aug 21 j 03:05	0°♉	
asc. node	-10429 Aug 30 j 19:00	11°♉11'43	
	-10429 Sep 15 j 15:45	0°♊	
	-10429 Oct 10 j 11:36	0°♋	
	-10429 Nov 04 j 03:40	0°♌	
	-10429 Nov 28 j 20:52	0°♍	
desc. node	-10429 Dec 21 j 19:08	27°♍46'22	
	-10429 Dec 23 j 15:14	0°♎	
	-10428 Jan 17 j 08:29	0°♏	
morning set	-10428 Jan 29 j 19:08	15°♏09'54	
	-10428 Feb 10 j 22:20	0°♐	
max. Earth dist.	-10428 Mar 01 j 09:35	23°♐55'09	1.73451 AU
superior conj	-10428 Mar 05 j 10:03	28°♐52'24	-1°10'12
minimum elong	-10428 Mar 05 j 16:44	29°♐13'00	1°10'39
	-10428 Mar 06 j 07:59	0°♑	
	-10428 Mar 30 j 14:06	0°♒	
evening rise	-10428 Apr 09 j 14:09	12°♒24'23	
asc. node	-10428 Apr 11 j 05:18	14°♒25'54	
	-10428 Apr 23 j 18:03	0°♓	
	-10428 May 17 j 21:12	0°♈	
	-10428 Jun 11 j 01:01	0°♉	
	-10428 Jul 05 j 07:37	0°♊	
	-10428 Jul 29 j 20:18	0°♋	
desc. node	-10428 Aug 02 j 08:14	4°♋14'19	
	-10428 Aug 23 j 20:21	0°♌	
	-10428 Sep 18 j 18:51	0°♍	
evening max el	-10428 Oct 12 j 01:45	24°♍59'52	46°23'00
	-10428 Oct 17 j 02:49	0°♎	
greatest brilliancy	-10428 Nov 19 j 21:44	25°♎13'06	-4.8m
asc. node	-10428 Nov 22 j 02:10	26°♎01'23	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

retrograde	-10428 Dec 01 j 02:44	27°♎35'12	
evening set	-10428 Dec 17 j 02:09	22°♎30'50	
inferior conj	-10428 Dec 22 j 11:08	19°♎09'03	6°08'24
minimum elong	-10428 Dec 22 j 02:34	19°♎22'54	6°06'41
min. Earth dist.	-10428 Dec 22 j 01:35	19°♎24'28	0.29278 AU
morning rise	-10428 Dec 27 j 03:15	16°♎12'12	
direct	-10427 Jan 13 j 01:25	10°♎40'28	
greatest brilliancy	-10427 Jan 22 j 05:38	12°♎11'48	-4.7m
	-10427 Feb 19 j 11:57	0°♏	
morning max el	-10427 Mar 02 j 19:14	10°♏10'09	45°59'54
desc. node	-10427 Mar 15 j 07:28	22°♏30'49	
	-10427 Mar 22 j 12:22	0°♐	
	-10427 Apr 18 j 16:34	0°♑	
	-10427 May 14 j 06:33	0°♒	
	-10427 Jun 07 j 22:43	0°♓	
	-10427 Jul 02 j 01:37	0°♈	
asc. node	-10427 Jul 04 j 19:14	3°♈25'49	
	-10427 Jul 25 j 21:16	0°♉	
	-10427 Aug 18 j 14:45	0°♊	
morning set	-10427 Aug 31 j 06:03	15°♊56'49	
	-10427 Sep 11 j 10:05	0°♋	
	-10427 Oct 05 j 09:41	0°♌	
superior conj	-10427 Oct 12 j 17:08	9°♌05'44	0°28'59
minimum elong	-10427 Oct 13 j 00:41	9°♌29'10	0°29'09
max. Earth dist.	-10427 Oct 18 j 21:38	16°♌46'31	1.72214 AU
desc. node	-10427 Oct 25 j 18:14	25°♌16'12	
	-10427 Oct 29 j 14:00	0°♍	
	-10427 Nov 22 j 21:58	0°♎	
evening rise	-10427 Nov 23 j 07:19	0°♎28'45	
	-10427 Dec 17 j 08:30	0°♏	
	-10426 Jan 10 j 21:54	0°♐	
	-10426 Feb 04 j 16:22	0°♑	
asc. node	-10426 Feb 14 j 07:27	11°♑33'27	
	-10426 Mar 01 j 19:27	0°♒	
	-10426 Mar 27 j 11:52	0°♓	
	-10426 Apr 23 j 02:33	0°♈	
evening max el	-10426 May 19 j 11:11	27°♈39'48	47°02'18
	-10426 May 21 j 20:35	0°♉	
desc. node	-10426 Jun 07 j 13:49	14°♉59'54	
greatest brilliancy	-10426 Jun 29 j 16:36	28°♉23'10	-4.9m
	-10426 Jul 07 j 21:28	0°♊	
retrograde	-10426 Jul 08 j 23:56	0°♊01'28	
	-10426 Jul 10 j 02:17	30°℞♉	
evening set	-10426 Jul 26 j 15:52	24°♉06'02	
min. Earth dist.	-10426 Jul 29 j 03:51	22°♉36'08	0.26559 AU
inferior conj	-10426 Jul 29 j 17:15	22°♉15'49	-8°50'55
minimum elong	-10426 Jul 29 j 15:13	22°♉18'54	8°50'27
morning rise	-10426 Aug 01 j 14:36	20°♉31'46	
direct	-10426 Aug 18 j 21:33	14°♉44'12	
greatest brilliancy	-10426 Aug 28 j 22:29	16°♉40'11	-4.9m
	-10426 Sep 19 j 02:30	0°♊	
asc. node	-10426 Sep 27 j 06:41	7°♊11'27	
morning max el	-10426 Oct 08 j 07:21	17°♊54'24	46°29'57
	-10426 Oct 19 j 20:57	0°♋	
	-10426 Nov 15 j 19:53	0°♌	
	-10426 Dec 11 j 19:07	0°♍	
	-10425 Jan 06 j 08:53	0°♎	
desc. node	-10425 Jan 18 j 08:26	14°♎10'33	
	-10425 Jan 31 j 15:29	0°♏	
	-10425 Feb 25 j 14:07	0°♐	
	-10425 Mar 22 j 04:25	0°♑	
morning set	-10425 Apr 06 j 06:33	18°♑35'52	
	-10425 Apr 15 j 11:18	0°♒	
max. Earth dist.	-10425 May 07 j 23:55	28°♒05'35	1.71873 AU
asc. node	-10425 May 09 j 18:23	0°♓18'29	
	-10425 May 09 j 12:28	0°♓	
superior conj	-10425 May 11 j 22:56	3°♓03'05	0°05'08
minimum elong	-10425 May 11 j 21:58	3°♓00'03	0°04'47
behind sun begin	-10425 May 11 j 00:06	1°♓51'32	
behind sun end	-10425 May 12 j 19:51	4°♓08'36	
	-10425 Jun 02 j 10:01	0°♈	
evening rise	-10425 Jun 18 j 04:09	19°♈49'36	
	-10425 Jun 26 j 06:08	0°♉	
	-10425 Jul 20 j 03:10	0°♊	
	-10425 Aug 13 j 03:25	0°♋	
desc. node	-10425 Aug 30 j 19:32	21°♋54'51	
	-10425 Sep 06 j 08:55	0°♌	
	-10425 Sep 30 j 21:49	0°♍	
	-10425 Oct 25 j 22:09	0°♎	
	-10425 Nov 20 j 20:17	0°♏	
	-10425 Dec 18 j 22:41	0°♐	
asc. node	-10425 Dec 20 j 12:21	1°♐32'57	
evening max el	-10425 Dec 22 j 17:54	3°♐43'15	44°59'37
	-10424 Jan 26 j 16:28	0°♑	
greatest brilliancy	-10424 Jan 29 j 03:23	0°♑58'30	-4.7m
retrograde	-10424 Feb 08 j 19:51	2°♑59'58	
	-10424 Feb 21 j 06:12	30°℞♐	
evening set	-10424 Feb 26 j 01:54	27°♐25'57	
inferior conj	-10424 Mar 01 j 05:05	24°♐54'54	7°26'24
minimum elong	-10424 Mar 01 j 11:37	24°♐44'45	7°25'08
min. Earth dist.	-10424 Mar 02 j 06:48	24°♐14'57	0.29202 AU
morning rise	-10424 Mar 05 j 21:00	22°♐04'22	
direct	-10424 Mar 23 j 05:23	16°♐28'55	
greatest brilliancy	-10424 Apr 03 j 05:56	18°♐39'15	-4.7m
desc. node	-10424 Apr 11 j 18:49	22°♐48'41	
	-10424 Apr 22 j 06:36	0°♑	
morning max el	-10424 May 11 j 23:07	17°♑28'51	46°22'33
	-10424 May 24 j 05:20	0°♒	
	-10424 Jun 20 j 02:26	0°♓	
	-10424 Jul 15 j 06:37	0°♈	
asc. node	-10424 Aug 01 j 08:26	20°♈56'57	
	-10424 Aug 08 j 15:41	0°♉	
	-10424 Sep 01 j 16:42	0°♊	
	-10424 Sep 25 j 16:43	0°♋	
	-10424 Oct 19 j 19:52	0°♌	
	-10424 Nov 13 j 03:20	0°♍	
morning set	-10424 Nov 16 j 09:14	3°♍59'25	
desc. node	-10424 Nov 22 j 07:37	11°♍16'40	
	-10424 Dec 07 j 13:52	0°♎	
superior conj	-10424 Dec 26 j 01:21	22°♎38'44	-1°05'22
minimum elong	-10424 Dec 25 j 16:47	22°♎12'27	1°05'18
max. Earth dist.	-10424 Dec 25 j 19:43	22°♎21'26	1.73689 AU
	-10423 Jan 01 j 01:19	0°♏	
	-10423 Jan 25 j 12:12	0°♐	
evening rise	-10423 Jan 31 j 13:45	7°♐26'51	
greatest brilliancy	-10423 Feb 09 j 03:22	17°♐58'05	-3.9m
	-10423 Feb 18 j 22:36	0°♑	
asc. node	-10423 Mar 13 j 19:06	28°♑01'29	
	-10423 Mar 15 j 09:50	0°♒	
	-10423 Apr 08 j 23:28	0°♓	
	-10423 May 03 j 16:59	0°♈	
	-10423 May 28 j 16:53	0°♉	
	-10423 Jun 23 j 05:18	0°♊	
desc. node	-10423 Jul 04 j 23:48	13°♊28'04	
	-10423 Jul 19 j 22:38	0°♋	
evening max el	-10423 Jul 31 j 05:11	11°♋50'44	47°49'09
	-10423 Aug 19 j 13:12	0°♌	
greatest brilliancy	-10423 Sep 10 j 10:32	13°♌58'03	-4.9m
retrograde	-10423 Sep 20 j 10:48	15°♌54'11	
evening set	-10423 Oct 05 j 18:09	11°♌05'58	
min. Earth dist.	-10423 Oct 10 j 16:36	8°♌02'35	0.27482 AU
inferior conj	-10423 Oct 11 j 06:40	7°♌40'04	-3°12'17

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

minimum elong	-10423 Oct 11 j 13:02	7°♌29'52	3°09'57	
morning rise	-10423 Oct 17 j 08:50	3°♌57'36		
asc. node	-10423 Oct 24 j 17:46	0°♌45'56		
	-10423 Oct 28 j 03:17	30℞♋		
direct	-10423 Oct 31 j 20:21	29°♋42'54		
	-10423 Nov 04 j 15:05	0°♌		
greatest brilliancy	-10423 Nov 10 j 00:40	1°♌19'34	-4.8m	
	-10423 Dec 19 j 08:58	0°♍		
morning max el	-10423 Dec 19 j 23:44	0°♍35'30	46°03'47	
	-10422 Jan 17 j 11:54	0°♎		
	-10422 Feb 13 j 11:21	0°♏		
desc. node	-10422 Feb 14 j 21:29	1°♏37'14		
	-10422 Mar 11 j 09:10	0°♐		
	-10422 Apr 05 j 12:54	0°♑		
	-10422 Apr 30 j 02:44	0°♒		
	-10422 May 24 j 06:19	0°♓		
asc. node	-10422 Jun 06 j 07:47	16°♓23'01		
morning set	-10422 Jun 13 j 20:04	25°♓50'44		
	-10422 Jun 17 j 03:06	0°♈		
	-10422 Jul 10 j 20:30	0°♉		
superior conj	-10422 Jul 23 j 05:28	15°♉39'43	1°20'33	
minimum elong	-10422 Jul 23 j 00:04	15°♉22'40	1°20'53	
max. Earth dist.	-10422 Jul 25 j 18:10	18°♉51'39	1.70709 AU	
	-10422 Aug 03 j 13:43	0°♊		
	-10422 Aug 27 j 09:28	0°♋		
evening rise	-10422 Sep 03 j 12:16	8°♋55'08		
	-10422 Sep 20 j 09:35	0°♌		
desc. node	-10422 Sep 27 j 07:37	8°♌35'47		
	-10422 Oct 14 j 14:43	0°♍		
	-10422 Nov 08 j 01:04	0°♎		
	-10422 Dec 02 j 18:02	0°♏		
	-10422 Dec 27 j 22:10	0°♐		
asc. node	-10421 Jan 16 j 22:42	23°♐11'28		
	-10421 Jan 22 j 23:15	0°♑		
	-10421 Feb 19 j 19:04	0°♒		
evening max el	-10421 Mar 04 j 10:49	12°♒28'24	45°16'06	
	-10421 Mar 25 j 02:25	0°♓		
greatest brilliancy	-10421 Apr 12 j 03:53	9°♓59'26	-4.8m	
retrograde	-10421 Apr 22 j 00:54	11°♓43'23		
evening set	-10421 May 06 j 13:48	7°♓47'48		
desc. node	-10421 May 10 j 05:41	5°♓47'57		
inferior conj	-10421 May 13 j 01:03	4°♓09'03	-0°40'33	
minimum elong	-10421 May 12 j 23:30	4°♓11'21	0°40'24	
min. Earth dist.	-10421 May 13 j 16:46	3°♓45'42	0.27135 AU	
morning rise	-10421 May 19 j 08:08	0°♓33'04		
	-10421 May 20 j 09:58	30℞♒		
direct	-10421 Jun 03 j 02:10	26°♒23'37		
greatest brilliancy	-10421 Jun 14 j 15:13	28°♒48'35	-4.9m	
	-10421 Jun 17 j 08:19	0°♓		
morning max el	-10421 Jul 23 j 13:53	29°♓07'38	46°43'08	
	-10421 Jul 24 j 10:26	0°♈		
	-10421 Aug 20 j 19:35	0°♉		
asc. node	-10421 Aug 29 j 21:17	10°♉33'15		
	-10421 Sep 15 j 05:51	0°♊		
	-10421 Oct 10 j 00:29	0°♋		
	-10421 Nov 03 j 15:50	0°♌		
	-10421 Nov 28 j 08:31	0°♍		
desc. node	-10421 Dec 20 j 21:06	27°♍18'05		
	-10421 Dec 23 j 02:31	0°♎		
	-10420 Jan 16 j 19:28	0°♏		
morning set	-10420 Jan 27 j 13:08	13°♏05'09		
	-10420 Feb 10 j 09:07	0°♐		
max. Earth dist.	-10420 Feb 28 j 07:47	22°♐02'37	1.73490 AU	
superior conj	-10420 Mar 03 j 05:59	26°♐52'49	-1°11'36	
minimum elong	-10420 Mar 03 j 12:24	27°♐12'33	1°12'03	
	-10420 Mar 05 j 18:43	0°♑		
	-10420 Mar 30 j 00:57	0°♒		
evening rise	-10420 Apr 07 j 09:43	10°♒22'22		
asc. node	-10420 Apr 10 j 07:35	13°♒59'05		
	-10420 Apr 23 j 05:08	0°♓		
	-10420 May 17 j 08:36	0°♈		
	-10420 Jun 10 j 12:48	0°♉		
	-10420 Jul 04 j 19:53	0°♊		
	-10420 Jul 29 j 09:15	0°♋		
desc. node	-10420 Aug 01 j 10:28	3°♋41'35		
	-10420 Aug 23 j 10:26	0°♌		
	-10420 Sep 18 j 11:18	0°♍		
evening max el	-10420 Oct 09 j 17:12	22°♍43'59	46°26'52	
	-10420 Oct 17 j 02:34	0°♎		
greatest brilliancy	-10420 Nov 17 j 15:18	23°♎04'23	-4.8m	
asc. node	-10420 Nov 21 j 04:22	24°♎18'19		
retrograde	-10420 Nov 28 j 20:45	25°♎27'19		
evening set	-10420 Dec 14 j 17:25	20°♎25'37		
inferior conj	-10420 Dec 20 j 04:34	17°♎00'48	5°56'21	
minimum elong	-10420 Dec 19 j 19:56	17°♎14'43	5°54'34	
min. Earth dist.	-10420 Dec 19 j 18:04	17°♎17'43	0.29233 AU	
morning rise	-10420 Dec 24 j 22:45	14°♎01'03		
direct	-10419 Jan 10 j 17:50	8°♎32'43		
greatest brilliancy	-10419 Jan 19 j 21:34	10°♎03'58	-4.7m	
	-10419 Feb 19 j 15:37	0°♏		
morning max el	-10419 Feb 28 j 12:12	8°♏03'50	45°59'37	
desc. node	-10419 Mar 14 j 09:41	21°♏49'25		
	-10419 Mar 22 j 05:14	0°♐		
	-10419 Apr 18 j 06:24	0°♑		
	-10419 May 13 j 19:07	0°♒		
	-10419 Jun 07 j 10:40	0°♓		
	-10419 Jul 01 j 13:14	0°♈		
asc. node	-10419 Jul 03 j 21:18	2°♈55'52		
	-10419 Jul 25 j 08:44	0°♉		
	-10419 Aug 18 j 02:07	0°♊		
morning set	-10419 Aug 28 j 15:21	13°♊19'07		
	-10419 Sep 10 j 21:23	0°♋		
	-10419 Oct 04 j 20:55	0°♌		
superior conj	-10419 Oct 10 j 02:08	6°♌29'44	0°32'36	
minimum elong	-10419 Oct 10 j 10:32	6°♌55'48	0°32'45	
max. Earth dist.	-10419 Oct 16 j 08:54	14°♌17'59	1.72144 AU	
desc. node	-10419 Oct 24 j 20:23	24°♌48'23		
	-10419 Oct 29 j 01:09	0°♍		
evening rise	-10419 Nov 20 j 20:46	28°♍08'22		
	-10419 Nov 22 j 09:04	0°♎		
	-10419 Dec 16 j 19:39	0°♏		
	-10418 Jan 10 j 09:17	0°♐		
	-10418 Feb 04 j 04:13	0°♑		
asc. node	-10418 Feb 13 j 09:45	11°♑04'10		
	-10418 Mar 01 j 08:09	0°♒		
	-10418 Mar 27 j 02:07	0°♓		
	-10418 Apr 22 j 19:52	0°♈		
evening max el	-10418 May 17 j 00:58	25°♈16'26	46°58'38	
	-10418 May 21 j 22:21	0°♉		
desc. node	-10418 Jun 06 j 15:53	13°♉45'54		
greatest brilliancy	-10418 Jun 27 j 03:08	25°♉50'31	-4.9m	
retrograde	-10418 Jul 06 j 12:28	27°♉29'54		
evening set	-10418 Jul 24 j 01:12	21°♉38'40		
min. Earth dist.	-10418 Jul 26 j 15:16	20°♉05'49	0.26549 AU	
inferior conj	-10418 Jul 27 j 05:05	19°♉44'55	-8°47'50	
minimum elong	-10418 Jul 27 j 02:06	19°♉49'26	8°47'17	
morning rise	-10418 Jul 30 j 03:05	18°♉00'12		
direct	-10418 Aug 16 j 10:16	12°♉13'50		
greatest brilliancy	-10418 Aug 26 j 10:45	14°♉09'43	-4.9m	
	-10418 Sep 19 j 13:38	0°♊		
asc. node	-10418 Sep 26 j 08:59	6°♊10'03		

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning max el	-10418 Oct 05 j 21:17	15°♊29'14	46°30'52
	-10418 Oct 19 j 16:22	0°♋	
	-10418 Nov 15 j 11:13	0°♌	
	-10418 Dec 11 j 08:34	0°♍	
	-10417 Jan 05 j 21:15	0°♎	
desc. node	-10417 Jan 17 j 10:36	13°♎41'14	
	-10417 Jan 31 j 03:11	0°♏	
	-10417 Feb 25 j 01:25	0°♐	
	-10417 Mar 21 j 15:31	0°♑	
morning set	-10417 Apr 04 j 02:02	16°♑33'41	
	-10417 Apr 14 j 22:18	0°♒	
max. Earth dist.	-10417 May 05 j 14:05	25°♒45'23	1.71932 AU
asc. node	-10417 May 08 j 20:31	29°♒50'41	
	-10417 May 08 j 23:30	0°♓	
superior conj	-10417 May 09 j 16:43	0°♓53'56	0°01'59
minimum elong	-10417 May 09 j 16:22	0°♓52'50	0°01'38
behind sun begin	-10417 May 08 j 17:50	29°♒42'18	
behind sun end	-10417 May 10 j 14:54	2°♓03'25	
	-10417 Jun 01 j 21:09	0°♈	
evening rise	-10417 Jun 15 j 18:53	17°♈29'31	
	-10417 Jun 25 j 17:27	0°♉	
	-10417 Jul 19 j 14:43	0°♊	
	-10417 Aug 12 j 15:13	0°♋	
desc. node	-10417 Aug 29 j 21:47	21°♋24'44	
	-10417 Sep 05 j 21:01	0°♌	
	-10417 Sep 30 j 10:23	0°♍	
	-10417 Oct 25 j 11:36	0°♎	
	-10417 Nov 20 j 11:41	0°♏	
	-10417 Dec 18 j 19:50	0°♐	
asc. node	-10417 Dec 19 j 14:34	0°♐45'40	
evening max el	-10417 Dec 20 j 09:53	1°♐32'29	45°01'05
greatest brilliancy	-10416 Jan 26 j 19:30	28°♐51'09	-4.7m
	-10416 Jan 30 j 13:25	0°♑	
retrograde	-10416 Feb 06 j 11:45	0°♑52'41	
	-10416 Feb 13 j 04:47	30°℞♐	
evening set	-10416 Feb 23 j 20:06	25°♐15'53	
inferior conj	-10416 Feb 27 j 21:42	22°♐46'42	7°33'16
minimum elong	-10416 Feb 28 j 03:42	22°♐37'20	7°32'06
min. Earth dist.	-10416 Feb 28 j 22:32	22°♐07'59	0.29251 AU
morning rise	-10416 Mar 03 j 11:01	19°♐59'22	
direct	-10416 Mar 20 j 22:20	14°♐19'56	
greatest brilliancy	-10416 Mar 31 j 20:47	16°♐27'56	-4.7m
desc. node	-10416 Apr 10 j 21:02	21°♐29'21	
	-10416 Apr 22 j 17:08	0°♑	
morning max el	-10416 May 09 j 14:25	15°♑13'59	46°21'35
	-10416 May 23 j 23:51	0°♒	
	-10416 Jun 19 j 17:15	0°♓	
	-10416 Jul 14 j 19:53	0°♈	
asc. node	-10416 Jul 31 j 10:45	20°♈24'48	
	-10416 Aug 08 j 04:11	0°♉	
	-10416 Sep 01 j 04:47	0°♊	
	-10416 Sep 25 j 04:31	0°♋	
	-10416 Oct 19 j 07:27	0°♌	
	-10416 Nov 12 j 14:43	0°♍	
morning set	-10416 Nov 13 j 21:35	1°♍34'54	
desc. node	-10416 Nov 21 j 09:36	10°♍48'00	
	-10416 Dec 07 j 01:06	0°♎	
superior conj	-10416 Dec 23 j 17:24	20°♎26'40	-1°03'26
minimum elong	-10416 Dec 23 j 08:35	19°♎59'39	1°03'19
max. Earth dist.	-10416 Dec 23 j 17:18	20°♎26'21	1.73661 AU
	-10416 Dec 31 j 12:26	0°♏	
	-10415 Jan 24 j 23:17	0°♐	
evening rise	-10415 Jan 29 j 08:39	5°♐23'26	
greatest brilliancy	-10415 Feb 08 j 01:00	17°♐16'39	-3.9m
	-10415 Feb 18 j 09:49	0°♑	
asc. node	-10415 Mar 12 j 21:24	27°♑33'20	
	-10415 Mar 14 j 21:22	0°♒	
	-10415 Apr 08 j 11:30	0°♓	
	-10415 May 03 j 05:47	0°♈	
	-10415 May 28 j 06:47	0°♉	
	-10415 Jun 22 j 21:01	0°♊	
desc. node	-10415 Jul 04 j 02:07	12°♊46'37	
	-10415 Jul 19 j 18:22	0°♋	
evening max el	-10415 Jul 28 j 19:56	9°♋28'11	47°49'54
	-10415 Aug 20 j 01:48	0°♌	
greatest brilliancy	-10415 Sep 08 j 03:40	11°♌37'52	-4.9m
retrograde	-10415 Sep 18 j 01:32	13°♌31'46	
evening set	-10415 Oct 03 j 11:21	8°♌41'14	
inferior conj	-10415 Oct 08 j 21:38	5°♌18'45	-3°32'34
minimum elong	-10415 Oct 09 j 04:34	5°♌07'38	3°30'05
min. Earth dist.	-10415 Oct 08 j 08:09	5°♌40'19	0.27430 AU
morning rise	-10415 Oct 14 j 22:37	1°♌37'48	
	-10415 Oct 18 j 03:46	30°℞♋	
asc. node	-10415 Oct 23 j 19:58	28°♋01'42	
direct	-10415 Oct 29 j 10:16	27°♋22'44	
greatest brilliancy	-10415 Nov 07 j 15:59	29°♋00'13	-4.8m
	-10415 Nov 10 j 07:09	0°♌	
morning max el	-10415 Dec 17 j 13:48	28°♌17'29	46°04'25
	-10415 Dec 19 j 08:01	0°♍	
	-10414 Jan 17 j 04:12	0°♎	
	-10414 Feb 13 j 01:08	0°♏	
desc. node	-10414 Feb 13 j 23:41	1°♏04'23	
	-10414 Mar 10 j 21:42	0°♐	
	-10414 Apr 05 j 00:45	0°♑	
	-10414 Apr 29 j 14:14	0°♒	
	-10414 May 23 j 17:41	0°♓	
asc. node	-10414 Jun 05 j 09:51	15°♓53'49	
morning set	-10414 Jun 11 j 10:45	23°♓29'57	
	-10414 Jun 16 j 14:27	0°♈	
	-10414 Jul 10 j 07:53	0°♉	
superior conj	-10414 Jul 20 j 16:42	13°♉07'25	1°19'32
minimum elong	-10414 Jul 20 j 10:31	12°♉47'50	1°19'48
max. Earth dist.	-10414 Jul 22 j 17:57	15°♉43'12	1.70707 AU
	-10414 Aug 03 j 01:07	0°♊	
	-10414 Aug 26 j 20:55	0°♋	
evening rise	-10414 Aug 31 j 19:41	6°♋12'10	
	-10414 Sep 19 j 21:06	0°♌	
desc. node	-10414 Sep 26 j 09:47	8°♌06'44	
	-10414 Oct 14 j 02:20	0°♍	
	-10414 Nov 07 j 12:53	0°♎	
	-10414 Dec 02 j 06:17	0°♏	
	-10414 Dec 27 j 11:17	0°♐	
asc. node	-10413 Jan 16 j 01:04	22°♐37'10	
	-10413 Jan 22 j 14:16	0°♑	
	-10413 Feb 19 j 14:55	0°♒	
evening max el	-10413 Mar 02 j 00:07	10°♒09'46	45°13'48
	-10413 Mar 25 j 23:23	0°♓	
greatest brilliancy	-10413 Apr 09 j 15:57	7°♓37'50	-4.8m
retrograde	-10413 Apr 19 j 13:42	9°♓22'31	
evening set	-10413 May 04 j 03:09	5°♓25'26	
desc. node	-10413 May 09 j 07:47	2°♓32'02	
inferior conj	-10413 May 10 j 14:01	1°♓47'20	-0°18'09
minimum elong	-10413 May 10 j 13:19	1°♓48'22	0°18'16
min. Earth dist.	-10413 May 11 j 07:15	1°♓21'45	0.27200 AU
	-10413 May 13 j 14:53	30°℞♒	
morning rise	-10413 May 16 j 22:22	28°♒09'45	
direct	-10413 May 31 j 15:57	24°♒00'12	
greatest brilliancy	-10413 Jun 12 j 06:41	26°♒26'57	-4.9m
	-10413 Jun 19 j 09:50	0°♓	
morning max el	-10413 Jul 21 j 04:12	26°♓43'18	46°43'01
	-10413 Jul 24 j 08:51	0°♈	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10413 Aug 20 j 12:06	0°♉	
asc. node	-10413 Aug 28 j 23:27	9°♉53'52	
	-10413 Sep 14 j 20:06	0°♊	
	-10413 Oct 09 j 13:34	0°♋	
	-10413 Nov 03 j 04:11	0°♌	
	-10413 Nov 27 j 20:23	0°♍	
desc. node	-10413 Dec 19 j 23:18	26°♍49'48	
	-10413 Dec 22 j 14:01	0°♎	
	-10412 Jan 16 j 06:43	0°♏	
morning set	-10412 Jan 25 j 06:55	10°♏58'49	
	-10412 Feb 09 j 20:13	0°♐	
max. Earth dist.	-10412 Feb 26 j 06:29	20°♐10'43	1.73525 AU
superior conj	-10412 Mar 01 j 01:44	24°♐51'43	-1°12'54
minimum elong	-10412 Mar 01 j 07:49	25°♐10'28	1°13'21
	-10412 Mar 05 j 05:46	0°♑	
	-10412 Mar 29 j 12:05	0°♒	
evening rise	-10412 Apr 05 j 05:12	8°♒19'19	
asc. node	-10412 Apr 09 j 09:42	13°♒30'53	
	-10412 Apr 22 j 16:28	0°♓	
	-10412 May 16 j 20:14	0°♈	
	-10412 Jun 10 j 00:50	0°♉	
	-10412 Jul 04 j 08:27	0°♊	
	-10412 Jul 28 j 22:33	0°♋	
desc. node	-10412 Jul 31 j 12:45	3°♋08'02	
	-10412 Aug 23 j 00:55	0°♌	
	-10412 Sep 18 j 04:17	0°♍	
evening max el	-10412 Oct 07 j 09:40	20°♍29'59	46°30'46
	-10412 Oct 17 j 03:44	0°♎	
greatest brilliancy	-10412 Nov 15 j 08:42	20°♎54'54	-4.8m
asc. node	-10412 Nov 20 j 06:33	22°♎30'58	
retrograde	-10412 Nov 26 j 15:06	23°♎18'42	
evening set	-10412 Dec 12 j 08:50	18°♎19'42	
inferior conj	-10412 Dec 17 j 21:59	14°♎51'51	5°43'46
minimum elong	-10412 Dec 17 j 13:21	15°♎05'45	5°41'56
min. Earth dist.	-10412 Dec 17 j 10:20	15°♎10'37	0.29187 AU
morning rise	-10412 Dec 22 j 18:17	11°♎49'11	
direct	-10411 Jan 08 j 10:40	6°♎24'27	
greatest brilliancy	-10411 Jan 17 j 13:02	7°♎55'02	-4.7m
	-10411 Feb 19 j 18:02	0°♏	
morning max el	-10411 Feb 26 j 05:45	5°♏58'21	45°59'11
desc. node	-10411 Mar 13 j 11:50	21°♏07'35	
	-10411 Mar 21 j 22:05	0°♐	
	-10411 Apr 17 j 20:25	0°♑	
	-10411 May 13 j 07:52	0°♒	
	-10411 Jun 06 j 22:47	0°♓	
	-10411 Jul 01 j 01:00	0°♈	
asc. node	-10411 Jul 02 j 23:36	2°♈26'14	
	-10411 Jul 24 j 20:20	0°♉	
	-10411 Aug 17 j 13:38	0°♊	
morning set	-10411 Aug 26 j 00:42	10°♊40'59	
	-10411 Sep 10 j 08:51	0°♋	
	-10411 Oct 04 j 08:20	0°♌	
superior conj	-10411 Oct 07 j 10:58	3°♌52'26	0°36'11
minimum elong	-10411 Oct 07 j 20:08	4°♌20'55	0°36'18
max. Earth dist.	-10411 Oct 13 j 20:50	11°♌50'44	1.72074 AU
desc. node	-10411 Oct 23 j 22:26	24°♌19'39	
	-10411 Oct 28 j 12:29	0°♍	
evening rise	-10411 Nov 18 j 10:03	25°♍46'55	
	-10411 Nov 21 j 20:21	0°♎	
	-10411 Dec 16 j 06:58	0°♏	
	-10410 Jan 09 j 20:50	0°♐	
	-10410 Feb 03 j 16:16	0°♑	
asc. node	-10410 Feb 12 j 12:01	10°♑34'12	
	-10410 Feb 28 j 21:07	0°♒	
	-10410 Mar 26 j 16:43	0°♓	
	-10410 Apr 22 j 13:47	0°♈	
evening max el	-10410 May 14 j 15:17	22°♈54'00	46°54'58
	-10410 May 22 j 01:46	0°♉	
desc. node	-10410 Jun 05 j 18:13	12°♉29'45	
greatest brilliancy	-10410 Jun 24 j 13:56	23°♉18'08	-4.9m
retrograde	-10410 Jul 04 j 00:47	24°♉58'03	
evening set	-10410 Jul 21 j 10:13	19°♉11'58	
min. Earth dist.	-10410 Jul 24 j 02:55	17°♉35'18	0.26536 AU
inferior conj	-10410 Jul 24 j 16:58	17°♉14'03	-8°43'42
minimum elong	-10410 Jul 24 j 13:05	17°♉19'55	8°43'05
morning rise	-10410 Jul 27 j 16:03	15°♉27'51	
direct	-10410 Aug 13 j 22:58	9°♉43'41	
greatest brilliancy	-10410 Aug 23 j 23:04	11°♉39'11	-4.9m
	-10410 Sep 19 j 21:55	0°♊	
asc. node	-10410 Sep 25 j 11:13	5°♊09'49	
morning max el	-10410 Oct 03 j 10:34	13°♊02'11	46°31'37
	-10410 Oct 19 j 11:18	0°♋	
	-10410 Nov 15 j 02:24	0°♌	
	-10410 Dec 10 j 21:58	0°♍	
	-10409 Jan 05 j 09:37	0°♎	
desc. node	-10409 Jan 16 j 12:49	13°♎12'01	
	-10409 Jan 30 j 14:53	0°♏	
	-10409 Feb 24 j 12:44	0°♐	
	-10409 Mar 21 j 02:37	0°♑	
morning set	-10409 Apr 01 j 21:31	14°♑31'28	
	-10409 Apr 14 j 09:20	0°♒	
max. Earth dist.	-10409 May 03 j 03:34	23°♒22'52	1.71998 AU
superior conj	-10409 May 07 j 10:29	28°♒44'38	-0°01'12
minimum elong	-10409 May 07 j 10:48	28°♒45'38	0°01'33
behind sun begin	-10409 May 06 j 12:20	27°♒35'23	
behind sun end	-10409 May 08 j 09:15	29°♒55'54	
asc. node	-10409 May 07 j 22:43	29°♒22'58	
	-10409 May 08 j 10:34	0°♓	
	-10409 Jun 01 j 08:21	0°♈	
evening rise	-10409 Jun 13 j 09:36	15°♈09'17	
	-10409 Jun 25 j 04:50	0°♉	
	-10409 Jul 19 j 02:18	0°♊	
	-10409 Aug 12 j 03:01	0°♋	
desc. node	-10409 Aug 28 j 23:54	20°♋54'14	
	-10409 Sep 05 j 09:07	0°♌	
	-10409 Sep 29 j 22:59	0°♍	
	-10409 Oct 25 j 01:08	0°♎	
	-10409 Nov 20 j 03:18	0°♏	
evening max el	-10409 Dec 18 j 01:09	29°♏19'56	45°02'40
asc. node	-10409 Dec 18 j 17:01	29°♏58'14	
	-10409 Dec 18 j 17:45	0°♐	
greatest brilliancy	-10408 Jan 24 j 11:46	26°♐44'12	-4.7m
retrograde	-10408 Feb 04 j 03:40	28°♐46'04	
evening set	-10408 Feb 21 j 14:11	23°♐06'33	
inferior conj	-10408 Feb 25 j 14:26	20°♐39'09	7°39'26
minimum elong	-10408 Feb 25 j 19:53	20°♐30'37	7°38'23
min. Earth dist.	-10408 Feb 26 j 14:35	20°♐01'23	0.29297 AU
morning rise	-10408 Mar 01 j 01:15	17°♐54'59	
direct	-10408 Mar 18 j 14:52	12°♐11'34	
greatest brilliancy	-10408 Mar 29 j 12:15	14°♐17'58	-4.7m
desc. node	-10408 Apr 09 j 23:10	20°♐12'42	
	-10408 Apr 23 j 00:44	0°♑	
morning max el	-10408 May 07 j 05:17	12°♑58'28	46°20'32
	-10408 May 23 j 17:51	0°♒	
	-10408 Jun 19 j 07:52	0°♓	
	-10408 Jul 14 j 09:04	0°♈	
asc. node	-10408 Jul 30 j 12:56	19°♈52'24	
	-10408 Aug 07 j 16:37	0°♉	
	-10408 Aug 31 j 16:46	0°♊	
	-10408 Sep 24 j 16:12	0°♋	
	-10408 Oct 18 j 18:53	0°♌	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

morning set	-10408 Nov 11 j 09:38	29°♌09'49	
	-10408 Nov 12 j 01:57	0°♍	
desc. node	-10408 Nov 20 j 11:48	10°♍20'26	
	-10408 Dec 06 j 12:11	0°♎	
superior conj	-10408 Dec 21 j 09:18	18°♎14'34	-1°01'23
minimum elong	-10408 Dec 21 j 00:18	17°♎46'58	1°01'15
max. Earth dist.	-10408 Dec 21 j 12:59	18°♎25'51	1.73632 AU
	-10408 Dec 30 j 23:26	0°♏	
	-10407 Jan 24 j 10:15	0°♐	
evening rise	-10407 Jan 27 j 03:32	3°♐20'20	
greatest brilliancy	-10407 Feb 07 j 00:05	16°♐40'01	-3.9m
	-10407 Feb 17 j 20:53	0°♑	
asc. node	-10407 Mar 11 j 23:34	27°♑05'18	
	-10407 Mar 14 j 08:44	0°♒	
	-10407 Apr 07 j 23:23	0°♓	
	-10407 May 02 j 18:26	0°♈	
	-10407 May 27 j 20:37	0°♉	
	-10407 Jun 22 j 12:51	0°♊	
desc. node	-10407 Jul 03 j 04:23	12°♊04'45	
	-10407 Jul 19 j 14:37	0°♋	
evening max el	-10407 Jul 26 j 10:03	7°♋04'05	47°50'31
	-10407 Aug 20 j 18:32	0°♌	
greatest brilliancy	-10407 Sep 05 j 20:44	9°♌17'09	-4.9m
retrograde	-10407 Sep 15 j 15:57	11°♌08'59	
evening set	-10407 Oct 01 j 04:26	6°♌15'38	
min. Earth dist.	-10407 Oct 05 j 23:37	3°♌17'27	0.27379 AU
inferior conj	-10407 Oct 06 j 12:23	2°♌57'03	-3°52'37
minimum elong	-10407 Oct 06 j 19:52	2°♌45'05	3°50'00
	-10407 Oct 11 j 06:34	30°℞♋	
morning rise	-10407 Oct 12 j 11:59	29°♋18'01	
asc. node	-10407 Oct 22 j 22:11	25°♋22'30	
direct	-10407 Oct 26 j 23:42	25°♋02'00	
greatest brilliancy	-10407 Nov 05 j 07:20	26°♋40'56	-4.8m
	-10407 Nov 12 j 17:23	0°♌	
morning max el	-10407 Dec 15 j 04:05	26°♌00'15	46°05'08
	-10407 Dec 19 j 05:58	0°♍	
	-10406 Jan 16 j 20:01	0°♎	
	-10406 Feb 12 j 14:35	0°♏	
desc. node	-10406 Feb 13 j 01:45	0°♏31'57	
	-10406 Mar 10 j 09:57	0°♐	
	-10406 Apr 04 j 12:20	0°♑	
	-10406 Apr 29 j 01:29	0°♒	
	-10406 May 23 j 04:46	0°♓	
asc. node	-10406 Jun 04 j 12:12	15°♓26'25	
morning set	-10406 Jun 09 j 01:54	21°♓11'34	
	-10406 Jun 16 j 01:32	0°♈	
	-10406 Jul 09 j 19:00	0°♉	
superior conj	-10406 Jul 18 j 04:03	10°♉36'10	1°18'21
minimum elong	-10406 Jul 17 j 21:08	10°♉14'16	1°18'34
max. Earth dist.	-10406 Jul 19 j 21:18	12°♉46'41	1.70715 AU
	-10406 Aug 02 j 12:19	0°♊	
	-10406 Aug 26 j 08:12	0°♋	
evening rise	-10406 Aug 29 j 02:51	3°♋28'57	
	-10406 Sep 19 j 08:27	0°♌	
desc. node	-10406 Sep 25 j 11:52	7°♌37'58	
	-10406 Oct 13 j 13:47	0°♍	
	-10406 Nov 07 j 00:31	0°♎	
	-10406 Dec 01 j 18:20	0°♏	
	-10406 Dec 27 j 00:15	0°♐	
asc. node	-10405 Jan 15 j 03:18	22°♐02'57	
	-10405 Jan 22 j 05:13	0°♑	
	-10405 Feb 19 j 11:06	0°♒	
evening max el	-10405 Feb 27 j 14:25	7°♒54'30	45°11'38
	-10405 Mar 27 j 03:15	0°♓	
greatest brilliancy	-10405 Apr 07 j 03:40	5°♓17'17	-4.7m
retrograde	-10405 Apr 17 j 03:00	7°♓03'05	
evening set	-10405 May 01 j 16:54	3°♓04'30	
	-10405 May 07 j 04:50	30°℞♒	
inferior conj	-10405 May 08 j 03:05	29°♒27'04	0°04'12
minimum elong	-10405 May 08 j 03:14	29°♒26'51	0°03'48
transit middle	-10405 May 08 j 03:14	29°♒26'51	0°03'48
transit begin	-10405 May 07 j 23:12	29°♒32'49	
transit end	-10405 May 08 j 07:16	29°♒20'53	
desc. node	-10405 May 08 j 10:05	29°♒16'41	
min. Earth dist.	-10405 May 08 j 21:27	28°♒59'50	0.27263 AU
morning rise	-10405 May 14 j 12:31	25°♒48'14	
direct	-10405 May 29 j 06:26	21°♒38'32	
greatest brilliancy	-10405 Jun 09 j 21:31	24°♒06'11	-4.9m
	-10405 Jun 20 j 18:20	0°♓	
morning max el	-10405 Jul 18 j 19:01	24°♓21'43	46°42'45
	-10405 Jul 24 j 06:00	0°♈	
	-10405 Aug 20 j 03:59	0°♉	
asc. node	-10405 Aug 28 j 01:39	9°♉15'55	
	-10405 Sep 14 j 09:56	0°♊	
	-10405 Oct 09 j 02:20	0°♋	
	-10405 Nov 02 j 16:18	0°♌	
	-10405 Nov 27 j 08:01	0°♍	
desc. node	-10405 Dec 19 j 01:29	26°♍22'14	
	-10405 Dec 22 j 01:16	0°♎	
	-10404 Jan 15 j 17:41	0°♏	
morning set	-10404 Jan 23 j 00:24	8°♏52'26	
	-10404 Feb 09 j 07:02	0°♐	
max. Earth dist.	-10404 Feb 24 j 05:44	18°♐21'16	1.73558 AU
superior conj	-10404 Feb 27 j 21:22	22°♐51'04	-1°14'07
minimum elong	-10404 Feb 28 j 03:06	23°♐08'41	1°14'35
	-10404 Mar 04 j 16:34	0°♑	
	-10404 Mar 28 j 22:59	0°♒	
evening rise	-10404 Apr 03 j 00:46	6°♒17'19	
asc. node	-10404 Apr 08 j 11:55	13°♒03'47	
	-10404 Apr 22 j 03:34	0°♓	
	-10404 May 16 j 07:37	0°♈	
	-10404 Jun 09 j 12:34	0°♉	
	-10404 Jul 03 j 20:42	0°♊	
	-10404 Jul 28 j 11:32	0°♋	
desc. node	-10404 Jul 30 j 14:52	2°♋34'55	
	-10404 Aug 22 j 15:11	0°♌	
	-10404 Sep 17 j 21:17	0°♍	
evening max el	-10404 Oct 05 j 02:49	18°♍18'16	46°34'28
	-10404 Oct 17 j 06:01	0°♎	
greatest brilliancy	-10404 Nov 13 j 02:22	18°♎45'51	-4.8m
asc. node	-10404 Nov 19 j 09:00	20°♎39'56	
retrograde	-10404 Nov 24 j 09:12	21°♎09'50	
evening set	-10404 Dec 10 j 00:13	16°♎13'48	
min. Earth dist.	-10404 Dec 15 j 02:30	13°♎03'26	0.29136 AU
inferior conj	-10404 Dec 15 j 15:16	12°♎42'51	5°30'29
minimum elong	-10404 Dec 15 j 06:41	12°♎56'41	5°28'38
morning rise	-10404 Dec 20 j 13:40	9°♎37'10	
direct	-10403 Jan 06 j 03:40	4°♎16'22	
greatest brilliancy	-10403 Jan 15 j 04:09	5°♎45'53	-4.7m
	-10403 Feb 19 j 18:51	0°♏	
morning max el	-10403 Feb 23 j 22:45	3°♏52'14	45°58'45
desc. node	-10403 Mar 12 j 14:01	20°♏27'02	
	-10403 Mar 21 j 14:21	0°♐	
	-10403 Apr 17 j 10:01	0°♑	
	-10403 May 12 j 20:18	0°♒	
	-10403 Jun 06 j 10:36	0°♓	
	-10403 Jun 30 j 12:30	0°♈	
asc. node	-10403 Jul 02 j 01:44	1°♈56'53	
	-10403 Jul 24 j 07:37	0°♉	
	-10403 Aug 17 j 00:50	0°♊	
morning set	-10403 Aug 23 j 10:33	8°♊05'24	

Attention, astronomical year style is used: The year -10900 in astronomical counting style is the year 10901 BCE in historical counting style.

	-10403 Sep 09 j 20:00	0°♋	
	-10403 Oct 03 j 19:25	0°♌	
superior conj	-10403 Oct 04 j 19:58	1°♌16'28	0°39'39
minimum elong	-10403 Oct 05 j 05:48	1°♌47'05	0°39'47
max. Earth dist.	-10403 Oct 11 j 11:15	9°♌31'58	1.72008 AU
desc. node	-10403 Oct 23 j 00:40	23°♌52'20	
	-10403 Oct 27 j 23:32	0°♍	
evening rise	-10403 Nov 15 j 23:03	23°♍25'13	
	-10403 Nov 21 j 07:23	0°♎	
	-10403 Dec 15 j 18:06	0°♏	
	-10402 Jan 09 j 08:11	0°♐	
	-10402 Feb 03 j 04:07	0°♑	
asc. node	-10402 Feb 11 j 14:12	10°♑04'33	
	-10402 Feb 28 j 09:55	0°♒	
	-10402 Mar 26 j 07:16	0°♓	
	-10402 Apr 22 j 07:53	0°♈	
evening max el	-10402 May 12 j 05:03	20°♈30'49	46°51'07
	-10402 May 22 j 06:38	0°♉	
desc. node	-10402 Jun 04 j 20:30	11°♉11'39	
greatest brilliancy	-10402 Jun 22 j 01:22	20°♉47'06	-4.9m
retrograde	-10402 Jul 01 j 12:29	22°♉26'44	
evening set	-10402 Jul 18 j 18:49	16°♉46'41	
min. Earth dist.	-10402 Jul 21 j 15:00	15°♉04'54	0.26520 AU
inferior conj	-10402 Jul 22 j 04:49	14°♉44'00	-8°38'25
minimum elong	-10402 Jul 22 j 00:03	14°♉51'13	8°37'44
morning rise	-10402 Jul 25 j 05:23	12°♉55'36	
direct	-10402 Aug 11 j 11:16	7°♉14'18	
greatest brilliancy	-10402 Aug 21 j 11:55	9°♉09'56	-4.9m
	-10402 Sep 20 j 03:30	0°♊	
asc. node	-10402 Sep 24 j 13:25	4°♊11'46	
morning max el	-10402 Sep 30 j 22:45	10°♊33'02	46°32'31
	-10402 Oct 19 j 05:26	0°♋	
	-10402 Nov 14 j 17:06	0°♌	
	-10402 Dec 10 j 11:02	0°♍	
	-10401 Jan 04 j 21:44	0°♎	
desc. node	-10401 Jan 15 j 14:49	12°♎42'45	
	-10401 Jan 30 j 02:25	0°♏	
	-10401 Feb 23 j 23:53	0°♐	
	-10401 Mar 20 j 13:34	0°♑	
morning set	-10401 Mar 30 j 16:51	12°♑29'21	
	-10401 Apr 13 j 20:12	0°♒	
max. Earth dist.	-10401 Apr 30 j 19:18	21°♒08'05	1.72065 AU
superior conj	-10401 May 05 j 04:19	26°♒36'12	-0°04'22
minimum elong	-10401 May 05 j 05:14	26°♒39'05	0°04'41
behind sun begin	-10401 May 04 j 07:33	25°♒31'18	
behind sun end	-10401 May 06 j 02:55	27°♒46'52	
asc. node	-10401 May 07 j 00:57	28°♒55'48	
	-10401 May 07 j 21:29	0°♓	
	-10401 May 31 j 19:25	0°♈	
evening rise	-10401 Jun 11 j 00:35	12°♈50'23	
	-10401 Jun 24 j 16:06	0°♉	
	-10401 Jul 18 j 13:47	0°♊	
	-10401 Aug 11 j 14:43	0°♋	
desc. node	-10401 Aug 28 j 02:07	20°♋24'23	
	-10401 Sep 04 j 21:06	0°♌	
	-10401 Sep 29 j 11:27	0°♍	
	-10401 Oct 24 j 14:33	0°♎	
	-10401 Nov 19 j 18:56	0°♏	
evening max el	-10401 Dec 15 j 15:47	27°♏06'14	45°04'16
asc. node	-10401 Dec 17 j 19:11	29°♏09'46	
	-10401 Dec 18 j 16:21	0°♐	
greatest brilliancy	-10400 Jan 22 j 03:46	24°♐37'17	-4.7m
retrograde	-10400 Feb 01 j 19:57	26°♐40'07	
evening set	-10400 Feb 19 j 08:11	20°♐57'50	
inferior conj	-10400 Feb 23 j 07:17	18°♐32'04	7°44'50
minimum elong	-10400 Feb 23 j 12:10	18°♐24'24	7°43'53
min. Earth dist.	-10400 Feb 24 j 06:49	17°♐55'13	0.29345 AU
morning rise	-10400 Feb 27 j 15:49	15°♐51'00	
direct	-10400 Mar 16 j 07:17	10°♐03'31	
greatest brilliancy	-10400 Mar 27 j 04:23	12°♐09'12	-4.7m
desc. node	-10400 Apr 09 j 01:26	18°♐58'40	
	-10400 Apr 23 j 06:03	0°♑	
morning max el	-10400 May 04 j 20:31	10°♑44'10	46°19'35
	-10400 May 23 j 11:23	0°♒	
	-10400 Jun 18 j 22:15	0°♓	
	-10400 Jul 13 j 22:06	0°♈	
asc. node	-10400 Jul 29 j 15:01	19°♈20'01	
	-10400 Aug 07 j 04:58	0°♉	
	-10400 Aug 31 j 04:42	0°♊	
	-10400 Sep 24 j 03:50	0°♋	
	-10400 Oct 18 j 06:16	0°♌	
morning set	-10400 Nov 08 j 21:53	26°♌45'15	
	-10400 Nov 11 j 13:08	0°♍	
desc. node	-10400 Nov 19 j 13:59	9°♍53'00	
	-10400 Dec 05 j 23:13	0°♎	
superior conj	-10400 Dec 19 j 01:24	16°♎03'14	-0°59'16
minimum elong	-10400 Dec 18 j 16:16	15°♎35'15	0°59'04
max. Earth dist.	-10400 Dec 19 j 08:22	16°♎24'35	1.73602 AU
	-10400 Dec 30 j 10:21	0°♏	
	-10399 Jan 23 j 21:11	0°♐	
evening rise	-10399 Jan 24 j 22:36	1°♐17'56	
greatest brilliancy	-10399 Feb 05 j 21:33	15°♐58'29	-3.9m
	-10399 Feb 17 j 07:59	0°♑	
asc. node	-10399 Mar 11 j 01:49	26°♑37'23	
	-10399 Mar 13 j 20:09	0°♒	
	-10399 Apr 07 j 11:21	0°♓	
	-10399 May 02 j 07:13	0°♈	
	-10399 May 27 j 10:36	0°♉	
	-10399 Jun 22 j 04:57	0°♊	
desc. node	-10399 Jul 02 j 06:29	11°♊21'47	
	-10399 Jul 19 j 11:36	0°♋	
evening max el	-10399 Jul 24 j 00:06	4°♋39'38	47°51'00
	-10399 Aug 21 j 17:11	0°♌	
greatest brilliancy	-10399 Sep 03 j 13:12	6°♌55'05	-4.9m
retrograde	-10399 Sep 13 j 06:32	8°♌45'39	
evening set	-10399 Sep 28 j 21:28	3°♌48'57	
min. Earth dist.	-10399 Oct 03 j 14:47	0°♌53'59	0.27330 AU
inferior conj	-10399 Oct 04 j 02:59	0°♌34'32	-4°12'21
minimum elong	-10399 Oct 04 j 10:59	0°♌21'48	4°09'39
	-10399 Oct 05 j 00:41	30°℞♋	
morning rise	-10399 Oct 10 j 01:04	26°♋57'58	
asc. node	-10399 Oct 22 j 00:33	22°♋48'11	
direct	-10399 Oct 24 j 13:06	22°♋40'17	
greatest brilliancy	-10399 Nov 02 j 22:28	24°♋20'47	-4.8m
	-10399 Nov 14 j 06:50	0°♌	
morning max el	-10399 Dec 12 j 19:13	23°♌44'44	46°06'04
	-10399 Dec 19 j 03:12	0°♍	