Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

superior conj	-8900 Jul 05 j 16:06	7♉51'38	1°08'01	
minimum elong	-8900 Jul 05 j 06:50	7♉22'21	1°08'04	
	-8900 Jul 23 j 04:42	0♊		
evening rise	-8900 Aug 14 j 16:19	28♊21'58		
	-8900 Aug 15 j 23:27	0♋		
	-8900 Sep 08 j 21:13	0♌		
desc. node	-8900 Sep 22 j 07:15	16♌44'30		
	-8900 Oct 02 j 23:28	0♍		
	-8900 Oct 27 j 07:10	0♎		
	-8900 Nov 20 j 22:03	0♏		
	-8900 Dec 16 j 00:53	0♐		
	-8899 Jan 11 j 02:34	0♑		
asc. node	-8899 Jan 12 j 07:08	1♑19'48		
	-8899 Feb 08 j 06:28	0♒		
evening max el	-8899 Feb 15 j 21:40	7♒25'34	44°57'40	
	-8899 Mar 16 j 11:04	0♓		
greatest brilliancy	-8899 Mar 25 j 16:28	4♓17'29	-4.7m	
retrograde	-8899 Apr 04 j 21:36	6♓07'11		
evening set	-8899 Apr 19 j 22:58	1♓53'18		
	-8899 Apr 23 j 07:38	30°♑℞		
inferior conj	-8899 Apr 26 j 02:01	28°♒20'32	2°06'35	
minimum elong	-8899 Apr 26 j 06:34	28°♒13'39	2°04'58	
min. Earth dist.	-8899 Apr 27 j 02:55	27°♒42'52	0.28042 AU	
morning rise	-8899 May 02 j 13:12	24°♒34'53		
desc. node	-8899 May 05 j 04:43	23°♒15'40		
direct	-8899 May 17 j 16:09	20°♒16'00		
greatest brilliancy	-8899 May 29 j 05:16	22°♒40'14	-4.8m	
	-8899 Jun 11 j 07:17	0♓		
morning max el	-8899 Jul 06 j 20:52	22♓18'14	46°37'02	
	-8899 Jul 14 j 08:38	0♈		
	-8899 Aug 10 j 06:28	0♉		
asc. node	-8899 Aug 25 j 05:39	17♉41'25		
	-8899 Sep 04 j 10:29	0♊		
	-8899 Sep 28 j 22:13	0♋		
	-8899 Oct 23 j 05:31	0♌		
	-8899 Nov 16 j 14:13	0♍		
	-8899 Dec 11 j 01:56	0♎		
desc. node	-8899 Dec 15 j 20:59	5♎51'26		
	-8898 Jan 04 j 15:26	0♏		
morning set	-8898 Jan 12 j 02:16	9♏05'56		
	-8898 Jan 29 j 04:34	0♐		
max. Earth dist.	-8898 Feb 15 j 20:45	21♐39'25	1.73776 AU	
superior conj	-8898 Feb 18 j 01:05	24♐19'56	-1°19'23	
minimum elong	-8898 Feb 18 j 04:32	24♐30'33	1°19'54	
	-8898 Feb 22 j 15:52	0♑		
	-8898 Mar 19 j 01:09	0♒		
evening rise	-8898 Mar 25 j 12:09	7♒57'28		
asc. node	-8898 Apr 06 j 16:14	22♒57'50		
	-8898 Apr 12 j 09:09	0♓		
	-8898 May 06 j 16:50	0♈		
	-8898 May 31 j 01:19	0♉		
	-8898 Jun 24 j 12:24	0♊		
	-8898 Jul 19 j 05:18	0♋		
desc. node	-8898 Jul 28 j 09:54	11♋02'09		
	-8898 Aug 13 j 10:08	0♌		
	-8898 Sep 08 j 16:31	0♍		
evening max el	-8898 Sep 24 j 22:57	17♍20'13	47°11'57	
	-8898 Oct 08 j 00:13	0♎		
greatest brilliancy	-8898 Nov 03 j 21:34	18♎47'57	-4.8m	
retrograde	-8898 Nov 14 j 20:02	21♎04'51		
asc. node	-8898 Nov 17 j 12:32	20♎55'49		
evening set	-8898 Nov 29 j 23:59	16♎23'53		
min. Earth dist.	-8898 Dec 05 j 02:55	13♎13'17	0.28485 AU	
inferior conj	-8898 Dec 05 j 22:56	12♎40'55	4°09'37	
minimum elong	-8898 Dec 05 j 15:25	12♎53'05	4°07'39	
morning rise	-8898 Dec 11 j 07:40	9♎20'18		
direct	-8898 Dec 27 j 02:15	4♎26'32		
greatest brilliancy	-8897 Jan 04 j 21:16	5♎52'28	-4.7m	
	-8897 Feb 09 j 07:25	0♏		
morning max el	-8897 Feb 13 j 18:21	4♏08'57	45°55'26	
desc. node	-8897 Mar 10 j 09:00	29♏06'10		
	-8897 Mar 11 j 05:08	0♐		
	-8897 Apr 07 j 06:06	0♑		
	-8897 May 02 j 23:05	0♒		
	-8897 May 27 j 19:57	0♓		
	-8897 Jun 21 j 03:06	0♈		
asc. node	-8897 Jun 30 j 06:06	11♈23'52		
	-8897 Jul 15 j 01:18	0♉		
greatest brilliancy	-8897 Jul 15 j 06:51	0♉17'31	-3.9m	
	-8897 Aug 07 j 18:54	0♊		
morning set	-8897 Aug 10 j 20:15	3♊52'16		
	-8897 Aug 31 j 11:55	0♋		
superior conj	-8897 Sep 21 j 09:51	26♋21'14	1°00'16	
minimum elong	-8897 Sep 21 j 21:46	26♋58'40	1°00'25	
	-8897 Sep 24 j 07:33	0♌		
max. Earth dist.	-8897 Sep 28 j 03:49	4♌49'19	1.71263 AU	
	-8897 Oct 18 j 07:27	0♍		
desc. node	-8897 Oct 20 j 20:09	3♍08'51		
evening rise	-8897 Nov 03 j 13:19	20♍10'31		
	-8897 Nov 11 j 11:47	0♎		
	-8897 Dec 05 j 20:02	0♏		
	-8897 Dec 30 j 08:34	0♐		
	-8896 Jan 24 j 03:38	0♑		
asc. node	-8896 Feb 09 j 18:12	19♑48'26		
	-8896 Feb 18 j 09:42	0♒		
	-8896 Mar 15 j 09:50	0♓		
	-8896 Apr 11 j 18:26	0♈		
evening max el	-8896 Apr 29 j 10:57	17♈55'03	46°08'26	
	-8896 May 12 j 16:53	0♉		
desc. node	-8896 Jun 01 j 15:17	14♉06'59		
greatest brilliancy	-8896 Jun 08 j 15:21	17♉09'40	-4.8m	
retrograde	-8896 Jun 18 j 04:14	18♉49'48		
evening set	-8896 Jul 04 j 10:59	13♉51'54		
inferior conj	-8896 Jul 08 j 23:42	11♉13'30	-7°40'31	
minimum elong	-8896 Jul 08 j 14:19	11♉27'31	7°38'44	
min. Earth dist.	-8896 Jul 08 j 18:59	11♉20'33	0.26671 AU	
morning rise	-8896 Jul 12 j 17:29	9♉01'20		
direct	-8896 Jul 29 j 11:15	3♉39'49		
greatest brilliancy	-8896 Aug 09 j 02:49	5♉47'10	-4.9m	
	-8896 Sep 11 j 01:27	0♊		
morning max el	-8896 Sep 18 j 03:23	7♊03'21	46°43'27	
asc. node	-8896 Sep 21 j 17:13	10♊45'29		
	-8896 Oct 09 j 09:09	0♋		
	-8896 Nov 04 j 09:15	0♌		
	-8896 Nov 29 j 17:28	0♍		
	-8896 Dec 24 j 21:07	0♎		
desc. node	-8895 Jan 12 j 10:14	22♎11'49		
	-8895 Jan 18 j 22:18	0♏		
	-8895 Feb 12 j 19:46	0♐		
	-8895 Mar 09 j 12:02	0♑		
morning set	-8895 Mar 20 j 20:58	13♑55'17		
	-8895 Apr 02 j 22:41	0♒		
max. Earth dist.	-8895 Apr 20 j 19:30	22♒05'34	1.72783 AU	
superior conj	-8895 Apr 25 j 03:26	27♒28'01	-0°20'54	
minimum elong	-8895 Apr 25 j 07:24	27♒40'19	0°21'04	
	-8895 Apr 27 j 04:23	0♓		
asc. node	-8895 May 04 j 05:23	8♓45'23		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8895 May 21 j 06:17	0°♈		
evening rise	-8895 May 31 j 01:56	12°♈16'25		
	-8895 Jun 14 j 05:54	0°♉		
	-8895 Jul 08 j 05:03	0°♊		
	-8895 Aug 01 j 06:02	0°♋		
desc. node	-8895 Aug 24 j 21:17	29°♋16'36		
	-8895 Aug 25 j 11:22	0°♌		
	-8895 Sep 18 j 23:51	0°♍		
	-8895 Oct 14 j 00:11	0°♎		
	-8895 Nov 08 j 23:59	0°♏		
evening max el	-8895 Dec 04 j 09:18	26°♏57'00	45°32'57	
	-8895 Dec 07 j 12:26	0°♐		
asc. node	-8895 Dec 14 j 22:54	6°♐54'06		
greatest brilliancy	-8894 Jan 11 j 06:09	25°♐26'24	-4.7m	
retrograde	-8894 Jan 22 j 07:00	27°♐39'50		
evening set	-8894 Feb 08 j 22:26	21°♐43'30		
inferior conj	-8894 Feb 12 j 18:10	19°♐20'31	8°02'17	
minimum elong	-8894 Feb 12 j 19:47	19°♐17'58	8°01'43	
min. Earth dist.	-8894 Feb 13 j 05:50	19°♐02'02	0.29608 AU	
morning rise	-8894 Feb 16 j 17:04	16°♐52'15		
direct	-8894 Mar 06 j 16:38	10°♐47'37		
greatest brilliancy	-8894 Mar 16 j 22:19	12°♐40'12	-4.7m	
desc. node	-8894 Apr 06 j 20:12	25°♐01'47		
	-8894 Apr 12 j 22:06	0°♑		
morning max el	-8894 Apr 24 j 22:05	10°♑55'35	46°06'53	
	-8894 May 13 j 14:35	0°♒		
	-8894 Jun 09 j 09:34	0°♓		
	-8894 Jul 04 j 15:22	0°♈		
asc. node	-8894 Jul 27 j 19:11	28°♈26'24		
	-8894 Jul 29 j 01:20	0°♉		
	-8894 Aug 22 j 00:55	0°♊		
	-8894 Sep 14 j 20:58	0°♋		
	-8894 Oct 08 j 18:25	0°♌		
morning set	-8894 Oct 27 j 12:53	23°♌25'14		
	-8894 Nov 01 j 19:55	0°♍		
desc. node	-8894 Nov 17 j 09:32	19°♍17'33		
	-8894 Nov 26 j 01:36	0°♎		
superior conj	-8894 Dec 08 j 01:12	14°♎46'29	-0°44'18	
minimum elong	-8894 Dec 07 j 16:05	14°♎18'25	0°44'01	
max. Earth dist.	-8894 Dec 10 j 15:22	17°♎57'52	1.73099 AU	
	-8894 Dec 20 j 10:09	0°♏		
	-8893 Jan 13 j 20:14	0°♐		
evening rise	-8893 Jan 15 j 11:26	2°♐00'14		
	-8893 Feb 07 j 07:40	0°♑		
greatest brilliancy	-8893 Feb 10 j 08:21	3°♑42'20	-3.9m	
	-8893 Mar 03 j 21:31	0°♒		
asc. node	-8893 Mar 09 j 05:57	6°♒30'33		
	-8893 Mar 28 j 15:29	0°♓		
	-8893 Apr 22 j 15:27	0°♈		
	-8893 May 18 j 00:27	0°♉		
	-8893 Jun 13 j 02:09	0°♊		
desc. node	-8893 Jun 30 j 01:23	18°♊41'45		
	-8893 Jul 10 j 20:05	0°♋		
evening max el	-8893 Jul 13 j 05:37	2°♋25'43	47°40'56	
	-8893 Aug 15 j 01:11	0°♌		
greatest brilliancy	-8893 Aug 23 j 18:30	4°♌07'33	-4.9m	
retrograde	-8893 Sep 02 j 04:50	5°♌50'17		
evening set	-8893 Sep 18 j 10:03	0°♌34'50		
	-8893 Sep 19 j 09:31	30°℞♋		
inferior conj	-8893 Sep 22 j 20:49	27°♋51'40	-6°12'01	
minimum elong	-8893 Sep 23 j 07:02	27°♋35'47	6°09'09	
min. Earth dist.	-8893 Sep 22 j 11:24	28°♋06'21	0.26791 AU	
morning rise	-8893 Sep 28 j 04:25	24°♋40'20		
direct	-8893 Oct 13 j 02:51	20°♋10'09		
asc. node	-8893 Oct 20 j 04:12	21°♋09'16		
greatest brilliancy	-8893 Oct 22 j 18:36	21°♋58'23	-4.9m	

	-8893 Nov 06 j 08:48	0°♌		
morning max el	-8893 Dec 01 j 22:39	22°♌19'25	46°16'42	
	-8893 Dec 09 j 13:17	0°♍		
	-8892 Jan 06 j 10:00	0°♎		
	-8892 Feb 01 j 21:37	0°♏		
desc. node	-8892 Feb 09 j 23:04	9°♏18'23		
	-8892 Feb 27 j 16:04	0°♐		
	-8892 Mar 23 j 21:25	0°♑		
	-8892 Apr 17 j 15:31	0°♒		
	-8892 May 12 j 00:09	0°♓		
morning set	-8892 May 26 j 17:27	18°♓19'32		
asc. node	-8892 May 31 j 18:48	24°♓38'48		
	-8892 Jun 05 j 01:23	0°♈		
	-8892 Jun 28 j 21:43	0°♉		
max. Earth dist.	-8892 Jul 01 j 03:16	2°♉48'52	1.71046 AU	
superior conj	-8892 Jul 03 j 06:06	5°♉29'13	1°05'56	
minimum elong	-8892 Jul 02 j 20:41	4°♉59'30	1°05'55	
	-8892 Jul 22 j 15:55	0°♊		
evening rise	-8892 Aug 12 j 01:31	25°♊44'08		
	-8892 Aug 15 j 10:47	0°♋		
	-8892 Sep 08 j 08:41	0°♌		
desc. node	-8892 Sep 21 j 09:26	16°♌15'18		
	-8892 Oct 02 j 11:06	0°♍		
	-8892 Oct 26 j 19:00	0°♎		
	-8892 Nov 20 j 10:18	0°♏		
	-8892 Dec 15 j 13:59	0°♐		
	-8891 Jan 10 j 17:38	0°♑		
asc. node	-8891 Jan 11 j 09:19	0°♑43'39		
	-8891 Feb 08 j 03:02	0°♒		
evening max el	-8891 Feb 13 j 12:12	5°♒11'55	44°56'49	
	-8891 Mar 18 j 06:34	0°♓		
greatest brilliancy	-8891 Mar 23 j 07:05	2°♓04'29	-4.7m	
retrograde	-8891 Apr 02 j 11:11	3°♓53'39		
	-8891 Apr 16 j 21:38	30°℞♒		
evening set	-8891 Apr 17 j 15:18	29°♒36'59		
inferior conj	-8891 Apr 23 j 16:42	26°♒06'11	2°26'17	
minimum elong	-8891 Apr 23 j 21:53	25°♒58'20	2°24'28	
min. Earth dist.	-8891 Apr 24 j 18:38	25°♒26'50	0.28113 AU	
morning rise	-8891 Apr 30 j 03:25	22°♒20'23		
desc. node	-8891 May 04 j 07:04	20°♒20'55		
direct	-8891 May 15 j 07:15	18°♒00'09		
greatest brilliancy	-8891 May 26 j 21:00	20°♒24'16	-4.8m	
	-8891 Jun 12 j 02:08	0°♓		
morning max el	-8891 Jul 04 j 10:16	19°♓54'45	46°36'12	
	-8891 Jul 14 j 04:33	0°♈		
	-8891 Aug 09 j 21:57	0°♉		
asc. node	-8891 Aug 24 j 07:50	17°♉05'08		
	-8891 Sep 04 j 00:11	0°♊		
	-8891 Sep 28 j 10:59	0°♋		
	-8891 Oct 22 j 17:42	0°♌		
	-8891 Nov 16 j 02:00	0°♍		
	-8891 Dec 10 j 13:24	0°♎		
desc. node	-8891 Dec 14 j 22:59	5°♎22'42		
	-8890 Jan 04 j 02:39	0°♏		
morning set	-8890 Jan 09 j 18:07	6°♏53'43		
	-8890 Jan 28 j 15:36	0°♐		
max. Earth dist.	-8890 Feb 13 j 16:57	19°♐40'35	1.73781 AU	
superior conj	-8890 Feb 15 j 20:06	22°♐17'28	-1°19'59	
minimum elong	-8890 Feb 15 j 23:00	22°♐26'22	1°20'30	
	-8890 Feb 22 j 02:49	0°♑		
	-8890 Mar 18 j 12:09	0°♒		
evening rise	-8890 Mar 23 j 07:58	5°♒56'38		
asc. node	-8890 Apr 05 j 18:31	22°♒30'33		
	-8890 Apr 11 j 20:21	0°♓		
	-8890 May 06 j 04:23	0°♈		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8890 May 30 j 13:21	0°♉	
	-8890 Jun 24 j 01:03	0°♊	
	-8890 Jul 18 j 18:50	0°♋	
desc. node	-8890 Jul 27 j 12:03	10°♋26'50	
	-8890 Aug 13 j 01:06	0°♌	
	-8890 Sep 08 j 10:37	0°♍	
evening max el	-8890 Sep 22 j 13:25	14°♍58'36	47°14'58
	-8890 Oct 08 j 05:24	0°♎	
greatest brilliancy	-8890 Nov 01 j 15:52	16°♎34'39	-4.9m
retrograde	-8890 Nov 12 j 12:20	18°♎50'12	
asc. node	-8890 Nov 16 j 14:48	18°♎29'03	
evening set	-8890 Nov 27 j 15:11	14°♎11'21	
min. Earth dist.	-8890 Dec 02 j 19:32	10°♎59'00	0.28415 AU
inferior conj	-8890 Dec 03 j 15:24	10°♎26'55	3°52'38
minimum elong	-8890 Dec 03 j 08:14	10°♎38'30	3°50'45
morning rise	-8890 Dec 09 j 02:03	7°♎03'25	
direct	-8890 Dec 24 j 17:12	2°♎13'29	
greatest brilliancy	-8889 Jan 02 j 13:33	3°♎40'19	-4.7m
	-8889 Feb 09 j 07:51	0°♏	
morning max el	-8889 Feb 11 j 09:19	1°♏56'16	45°55'45
desc. node	-8889 Mar 09 j 11:11	28°♏27'43	
	-8889 Mar 10 j 21:32	0°♐	
	-8889 Apr 06 j 19:50	0°♑	
	-8889 May 02 j 11:36	0°♒	
	-8889 May 27 j 07:52	0°♓	
	-8889 Jun 20 j 14:44	0°♈	
asc. node	-8889 Jun 29 j 08:10	10°♈54'07	
	-8889 Jul 14 j 12:49	0°♉	
greatest brilliancy	-8889 Jul 15 j 07:39	0°♉59'24	-3.9m
	-8889 Aug 07 j 06:22	0°♊	
morning set	-8889 Aug 08 j 07:05	1°♊18'14	
	-8889 Aug 30 j 23:22	0°♋	
superior conj	-8889 Sep 18 j 18:08	23°♋40'32	1°02'59
minimum elong	-8889 Sep 19 j 05:57	24°♋17'41	1°03'09
	-8889 Sep 23 j 18:58	0°♌	
max. Earth dist.	-8889 Sep 25 j 06:27	1°♌51'19	1.71203 AU
	-8889 Oct 17 j 18:52	0°♍	
desc. node	-8889 Oct 19 j 22:21	2°♍40'13	
evening rise	-8889 Oct 31 j 23:00	17°♍36'25	
	-8889 Nov 10 j 23:12	0°♎	
	-8889 Dec 05 j 07:31	0°♏	
	-8889 Dec 29 j 20:15	0°♐	
	-8888 Jan 23 j 15:46	0°♑	
asc. node	-8888 Feb 08 j 20:25	19°♑17'29	
	-8888 Feb 17 j 22:45	0°♒	
	-8888 Mar 15 j 00:43	0°♓	
	-8888 Apr 11 j 13:26	0°♈	
evening max el	-8888 Apr 26 j 23:43	15°♈31'48	46°04'53
	-8888 May 13 j 03:04	0°♉	
desc. node	-8888 May 31 j 17:21	12°♉27'15	
greatest brilliancy	-8888 Jun 06 j 01:38	14°♉39'52	-4.8m
retrograde	-8888 Jun 15 j 16:19	16°♉21'27	
evening set	-8888 Jul 01 j 18:35	11°♉29'05	
inferior conj	-8888 Jul 06 j 11:37	8°♉45'02	-7°27'32
minimum elong	-8888 Jul 06 j 01:49	8°♉59'37	7°25'34
min. Earth dist.	-8888 Jul 06 j 07:16	8°♉51'31	0.26694 AU
morning rise	-8888 Jul 10 j 08:54	6°♉28'16	
direct	-8888 Jul 27 j 00:06	1°♉10'41	
greatest brilliancy	-8888 Aug 06 j 16:34	3°♉19'17	-4.9m
	-8888 Sep 11 j 03:25	0°♊	
morning max el	-8888 Sep 15 j 17:05	4°♊35'58	46°43'59
asc. node	-8888 Sep 20 j 19:33	9°♊54'23	
	-8888 Oct 09 j 02:47	0°♋	
	-8888 Nov 04 j 00:02	0°♌	
	-8888 Nov 29 j 06:49	0°♍	
	-8888 Dec 24 j 09:34	0°♎	
desc. node	-8887 Jan 11 j 12:19	21°♎42'11	
	-8887 Jan 18 j 10:09	0°♏	
	-8887 Feb 12 j 07:13	0°♐	
	-8887 Mar 08 j 23:13	0°♑	
morning set	-8887 Mar 18 j 16:24	11°♑53'32	
	-8887 Apr 02 j 09:46	0°♒	
max. Earth dist.	-8887 Apr 18 j 16:45	20°♒08'16	1.72836 AU
superior conj	-8887 Apr 22 j 22:35	25°♒24'03	-0°23'47
minimum elong	-8887 Apr 23 j 03:02	25°♒37'51	0°23'57
	-8887 Apr 26 j 15:28	0°♓	
asc. node	-8887 May 03 j 07:34	8°♓17'40	
	-8887 May 20 j 17:29	0°♈	
evening rise	-8887 May 28 j 19:37	10°♈06'29	
	-8887 Jun 13 j 17:17	0°♉	
	-8887 Jul 07 j 16:42	0°♊	
	-8887 Jul 31 j 18:01	0°♋	
desc. node	-8887 Aug 23 j 23:29	28°♋45'13	
	-8887 Aug 24 j 23:47	0°♌	
	-8887 Sep 18 j 12:51	0°♍	
	-8887 Oct 13 j 14:13	0°♎	
	-8887 Nov 08 j 16:16	0°♏	
evening max el	-8887 Dec 02 j 01:57	24°♏45'58	45°35'58
	-8887 Dec 07 j 11:56	0°♐	
asc. node	-8887 Dec 14 j 01:05	5°♐58'07	
greatest brilliancy	-8886 Jan 08 j 22:38	23°♐19'01	-4.7m
retrograde	-8886 Jan 20 j 00:54	25°♐33'30	
evening set	-8886 Feb 06 j 15:49	19°♐36'39	
inferior conj	-8886 Feb 10 j 11:31	17°♐13'19	8°03'50
minimum elong	-8886 Feb 10 j 12:31	17°♐11'45	8°03'17
min. Earth dist.	-8886 Feb 10 j 21:20	16°♐57'44	0.29615 AU
morning rise	-8886 Feb 14 j 09:11	14°♐46'47	
direct	-8886 Mar 04 j 10:19	8°♐40'29	
greatest brilliancy	-8886 Mar 14 j 12:53	10°♐30'44	-4.7m
desc. node	-8886 Apr 05 j 22:30	23°♐59'36	
	-8886 Apr 13 j 02:13	0°♑	
morning max el	-8886 Apr 22 j 15:12	8°♑47'30	46°05'59
	-8886 May 13 j 07:53	0°♒	
	-8886 Jun 08 j 23:51	0°♓	
	-8886 Jul 04 j 04:19	0°♈	
asc. node	-8886 Jul 26 j 21:25	27°♈55'09	
	-8886 Jul 28 j 13:36	0°♉	
	-8886 Aug 21 j 12:49	0°♊	
	-8886 Sep 14 j 08:40	0°♋	
	-8886 Oct 08 j 06:01	0°♌	
morning set	-8886 Oct 24 j 23:11	20°♌52'11	
	-8886 Nov 01 j 07:22	0°♍	
desc. node	-8886 Nov 16 j 11:32	18°♍48'34	
	-8886 Nov 25 j 12:56	0°♎	
superior conj	-8886 Dec 05 j 14:01	12°♎23'21	-0°41'18
minimum elong	-8886 Dec 05 j 05:14	11°♎56'17	0°41'00
max. Earth dist.	-8886 Dec 08 j 10:51	15°♎55'22	1.73047 AU
	-8886 Dec 19 j 21:22	0°♏	
evening rise	-8885 Jan 13 j 04:24	29°♏50'44	
	-8885 Jan 13 j 07:25	0°♐	
	-8885 Feb 06 j 18:56	0°♑	
greatest brilliancy	-8885 Feb 12 j 07:26	6°♑45'04	-3.9m
	-8885 Mar 03 j 09:05	0°♒	
asc. node	-8885 Mar 08 j 08:14	6°♒02'07	
	-8885 Mar 28 j 03:35	0°♓	
	-8885 Apr 22 j 04:24	0°♈	
	-8885 May 17 j 14:47	0°♉	
	-8885 Jun 12 j 19:00	0°♊	
desc. node	-8885 Jun 29 j 03:37	17°♊54'42	
	-8885 Jul 10 j 19:12	0°♋	
evening max el	-8885 Jul 10 j 20:37	0°♋03'34	47°39'14

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8885 Aug 17 j 06:37	0°♌	
greatest brilliancy	-8885 Aug 21 j 08:22	1°♌39'40	-4.9m
retrograde	-8885 Aug 30 j 18:16	3°♌21'28	
	-8885 Sep 12 j 12:52	30℞♋	
evening set	-8885 Sep 16 j 02:30	28°♋02'20	
inferior conj	-8885 Sep 20 j 09:59	25°♋23'56	-6°28'45
minimum elong	-8885 Sep 20 j 20:15	25°♋07'56	6°25'57
min. Earth dist.	-8885 Sep 20 j 00:43	25°♋38'21	0.26764 AU
morning rise	-8885 Sep 25 j 14:25	22°♋17'09	
direct	-8885 Oct 10 j 16:10	17°♋43'34	
asc. node	-8885 Oct 19 j 06:25	19°♋10'01	
greatest brilliancy	-8885 Oct 20 j 07:54	19°♋31'43	-4.9m
	-8885 Nov 07 j 04:58	0°♌	
morning max el	-8885 Nov 29 j 12:24	19°♌57'08	46°17'36
	-8885 Dec 09 j 09:41	0°♍	
	-8884 Jan 06 j 01:35	0°♎	
	-8884 Feb 01 j 11:07	0°♏	
desc. node	-8884 Feb 09 j 01:16	8°♏46'48	
	-8884 Feb 27 j 04:26	0°♐	
	-8884 Mar 23 j 09:09	0°♑	
	-8884 Apr 17 j 02:53	0°♒	
	-8884 May 11 j 11:20	0°♓	
morning set	-8884 May 24 j 10:35	16°♓08'23	
asc. node	-8884 May 30 j 20:48	24°♓10'10	
	-8884 Jun 04 j 12:32	0°♈	
	-8884 Jun 28 j 08:55	0°♉	
max. Earth dist.	-8884 Jun 28 j 09:22	0°♉01'25	1.71093 AU
superior conj	-8884 Jun 30 j 20:27	3°♉07'44	1°03'45
minimum elong	-8884 Jun 30 j 10:56	2°♉37'43	1°03'41
	-8884 Jul 22 j 03:13	0°♊	
evening rise	-8884 Aug 09 j 11:18	23°♊07'57	
	-8884 Aug 14 j 22:11	0°♋	
	-8884 Sep 07 j 20:11	0°♌	
desc. node	-8884 Sep 20 j 11:39	15°♌46'13	
	-8884 Oct 01 j 22:44	0°♍	
	-8884 Oct 26 j 06:53	0°♎	
	-8884 Nov 19 j 22:39	0°♏	
	-8884 Dec 15 j 03:16	0°♐	
asc. node	-8883 Jan 10 j 11:35	0°♑07'09	
	-8883 Jan 10 j 09:00	0°♑	
	-8883 Feb 08 j 00:25	0°♒	
evening max el	-8883 Feb 11 j 02:12	2°♒56'48	44°56'17
greatest brilliancy	-8883 Mar 20 j 21:41	29°♒51'46	-4.7m
	-8883 Mar 21 j 07:25	0°♓	
retrograde	-8883 Mar 31 j 01:14	1°♓41'00	
	-8883 Apr 09 j 10:27	30℞♒	
evening set	-8883 Apr 15 j 07:55	27°♒21'02	
inferior conj	-8883 Apr 21 j 07:36	23°♒52'31	2°45'30
minimum elong	-8883 Apr 21 j 13:23	23°♒43'45	2°43'32
min. Earth dist.	-8883 Apr 22 j 10:32	23°♒11'37	0.28185 AU
morning rise	-8883 Apr 27 j 17:42	20°♒07'02	
desc. node	-8883 May 03 j 09:08	17°♒31'33	
direct	-8883 May 12 j 22:15	15°♒44'54	
greatest brilliancy	-8883 May 24 j 13:12	18°♒09'34	-4.8m
	-8883 Jun 12 j 16:07	0°♓	
morning max el	-8883 Jul 02 j 00:21	17°♓33'21	46°35'20
	-8883 Jul 13 j 23:51	0°♈	
	-8883 Aug 09 j 13:12	0°♉	
asc. node	-8883 Aug 23 j 10:02	16°♉29'14	
	-8883 Sep 03 j 13:44	0°♊	
	-8883 Sep 27 j 23:37	0°♋	
	-8883 Oct 22 j 05:45	0°♌	
	-8883 Nov 15 j 13:38	0°♍	
	-8883 Dec 10 j 00:44	0°♎	
desc. node	-8883 Dec 14 j 01:05	4°♎54'36	
	-8882 Jan 03 j 13:46	0°♏	
morning set	-8882 Jan 07 j 09:46	4°♏41'04	
	-8882 Jan 28 j 02:34	0°♐	
max. Earth dist.	-8882 Feb 11 j 12:14	17°♐39'06	1.73787 AU
superior conj	-8882 Feb 13 j 14:57	20°♐14'37	-1°20'28
minimum elong	-8882 Feb 13 j 17:17	20°♐21'47	1°21'00
	-8882 Feb 21 j 13:42	0°♑	
	-8882 Mar 17 j 23:05	0°♒	
evening rise	-8882 Mar 21 j 03:37	3°♒55'35	
asc. node	-8882 Apr 04 j 20:38	22°♒02'59	
	-8882 Apr 11 j 07:28	0°♓	
	-8882 May 05 j 15:50	0°♈	
	-8882 May 30 j 01:17	0°♉	
	-8882 Jun 23 j 13:38	0°♊	
	-8882 Jul 18 j 08:20	0°♋	
desc. node	-8882 Jul 26 j 14:19	9°♋51'56	
	-8882 Aug 12 j 16:09	0°♌	
	-8882 Sep 08 j 05:01	0°♍	
evening max el	-8882 Sep 20 j 04:08	12°♍37'59	47°18'01
	-8882 Oct 08 j 12:30	0°♎	
greatest brilliancy	-8882 Oct 30 j 09:41	14°♎21'08	-4.9m
retrograde	-8882 Nov 10 j 04:56	16°♎36'10	
asc. node	-8882 Nov 15 j 16:53	15°♎57'56	
evening set	-8882 Nov 25 j 06:28	11°♎58'58	
min. Earth dist.	-8882 Nov 30 j 11:55	8°♎45'29	0.28345 AU
inferior conj	-8882 Dec 01 j 07:49	8°♎13'23	3°35'15
minimum elong	-8882 Dec 01 j 01:03	8°♎24'19	3°33'27
morning rise	-8882 Dec 06 j 20:23	4°♎47'23	
direct	-8882 Dec 22 j 08:13	0°♎00'54	
greatest brilliancy	-8882 Dec 31 j 05:36	1°♎28'41	-4.8m
morning max el	-8881 Feb 09 j 01:01	29°♎45'59	45°56'01
	-8881 Feb 09 j 06:55	0°♏	
desc. node	-8881 Mar 08 j 13:23	27°♏50'16	
	-8881 Mar 10 j 13:27	0°♐	
	-8881 Apr 06 j 09:17	0°♑	
	-8881 May 01 j 23:52	0°♒	
	-8881 May 26 j 19:33	0°♓	
	-8881 Jun 20 j 02:06	0°♈	
asc. node	-8881 Jun 28 j 10:24	10°♈25'43	
	-8881 Jul 14 j 00:03	0°♉	
greatest brilliancy	-8881 Jul 15 j 00:35	1°♉17'19	-3.9m
morning set	-8881 Aug 05 j 18:07	28°♉45'46	
	-8881 Aug 06 j 17:34	0°♊	
	-8881 Aug 30 j 10:34	0°♋	
superior conj	-8881 Sep 16 j 02:28	21°♋00'33	1°05'32
minimum elong	-8881 Sep 16 j 14:04	21°♋37'02	1°05'44
max. Earth dist.	-8881 Sep 22 j 08:57	28°♋53'24	1.71151 AU
	-8881 Sep 23 j 06:11	0°♌	
	-8881 Oct 17 j 06:04	0°♍	
desc. node	-8881 Oct 19 j 00:21	2°♍11'37	
evening rise	-8881 Oct 29 j 08:34	15°♍02'38	
	-8881 Nov 10 j 10:24	0°♎	
	-8881 Dec 04 j 18:45	0°♏	
	-8881 Dec 29 j 07:39	0°♐	
	-8880 Jan 23 j 03:39	0°♑	
asc. node	-8880 Feb 07 j 22:41	18°♑47'26	
	-8880 Feb 17 j 11:37	0°♒	
	-8880 Mar 14 j 15:32	0°♓	
	-8880 Apr 11 j 08:42	0°♈	
evening max el	-8880 Apr 24 j 13:34	13°♈12'04	46°01'23
	-8880 May 13 j 16:12	0°♉	
desc. node	-8880 May 30 j 19:35	10°♉44'45	
greatest brilliancy	-8880 Jun 03 j 11:45	12°♉11'01	-4.8m
retrograde	-8880 Jun 13 j 04:46	13°♉54'00	
evening set	-8880 Jun 29 j 02:20	9°♉07'19	
inferior conj	-8880 Jul 03 j 23:32	6°♉17'36	-7°13'37

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

minimum elong	-8880 Jul 03 j 13:25	6°♉32'38	7°11'32	
min. Earth dist.	-8880 Jul 03 j 19:21	6°♉23'49	0.26716 AU	
morning rise	-8880 Jul 08 j 00:22	3°♉56'06		
	-8880 Jul 16 j 14:36	30°℞♈		
direct	-8880 Jul 24 j 13:19	28°♈42'54		
	-8880 Aug 01 j 17:38	0°♉		
greatest brilliancy	-8880 Aug 04 j 05:39	0°♉51'43	-4.9m	
	-8880 Sep 11 j 03:43	0°♊		
morning max el	-8880 Sep 13 j 06:52	2°♊09'54	46°44'18	
asc. node	-8880 Sep 19 j 21:46	9°♊04'52		
	-8880 Oct 08 j 19:44	0°♋		
	-8880 Nov 03 j 14:21	0°♌		
	-8880 Nov 28 j 19:46	0°♍		
	-8880 Dec 23 j 21:40	0°♎		
desc. node	-8879 Jan 10 j 14:32	21°♎13'55		
	-8879 Jan 17 j 21:39	0°♏		
	-8879 Feb 11 j 18:18	0°♐		
	-8879 Mar 08 j 10:04	0°♑		
morning set	-8879 Mar 16 j 11:52	9°♑52'58		
	-8879 Apr 01 j 20:32	0°♒		
max. Earth dist.	-8879 Apr 16 j 12:49	18°♒08'23	1.72890 AU	
superior conj	-8879 Apr 20 j 17:43	23°♒21'04	-0°26'38	
minimum elong	-8879 Apr 20 j 22:37	23°♒36'16	0°26'48	
	-8879 Apr 26 j 02:16	0°♓		
asc. node	-8879 May 02 j 09:37	7°♓50'22		
	-8879 May 20 j 04:26	0°♈		
evening rise	-8879 May 26 j 13:15	7°♈57'11		
	-8879 Jun 13 j 04:25	0°♉		
	-8879 Jul 07 j 04:05	0°♊		
	-8879 Jul 31 j 05:44	0°♋		
desc. node	-8879 Aug 23 j 01:40	28°♋14'39		
	-8879 Aug 24 j 11:54	0°♌		
	-8879 Sep 18 j 01:36	0°♍		
	-8879 Oct 13 j 04:02	0°♎		
	-8879 Nov 08 j 08:28	0°♏		
evening max el	-8879 Nov 29 j 18:34	22°♏35'36	45°38'58	
	-8879 Dec 07 j 12:08	0°♐		
asc. node	-8879 Dec 13 j 03:26	5°♐02'17		
greatest brilliancy	-8878 Jan 06 j 15:51	21°♐13'21	-4.7m	
retrograde	-8878 Jan 17 j 18:28	23°♐27'59		
evening set	-8878 Feb 04 j 09:01	17°♐31'21		
inferior conj	-8878 Feb 08 j 04:55	15°♐07'15	8°04'40	
minimum elong	-8878 Feb 08 j 05:15	15°♐06'43	8°04'09	
min. Earth dist.	-8878 Feb 08 j 13:05	14°♐54'15	0.29616 AU	
morning rise	-8878 Feb 12 j 01:31	12°♐42'00		
direct	-8878 Mar 02 j 03:50	6°♐34'40		
greatest brilliancy	-8878 Mar 12 j 03:22	8°♐22'20	-4.7m	
desc. node	-8878 Apr 05 j 00:33	22°♐59'37		
	-8878 Apr 13 j 04:15	0°♑		
morning max el	-8878 Apr 20 j 07:21	6°♑38'21	46°05'01	
	-8878 May 13 j 00:28	0°♒		
	-8878 Jun 08 j 13:41	0°♓		
	-8878 Jul 03 j 16:56	0°♈		
asc. node	-8878 Jul 25 j 23:37	27°♈24'39		
	-8878 Jul 28 j 01:36	0°♉		
	-8878 Aug 21 j 00:28	0°♊		
	-8878 Sep 13 j 20:06	0°♋		
	-8878 Oct 07 j 17:17	0°♌		
morning set	-8878 Oct 22 j 09:15	18°♌19'17		
	-8878 Oct 31 j 18:30	0°♍		
desc. node	-8878 Nov 15 j 13:39	18°♍20'56		
	-8878 Nov 24 j 23:56	0°♎		
superior conj	-8878 Dec 03 j 02:32	10°♎00'07	-0°38'13	
minimum elong	-8878 Dec 02 j 18:09	9°♎34'19	0°37'54	
max. Earth dist.	-8878 Dec 06 j 07:03	13°♎55'56	1.72995 AU	
	-8878 Dec 19 j 08:18	0°♏		
evening rise	-8877 Jan 10 j 21:09	27°♏41'21		
	-8877 Jan 12 j 18:20	0°♐		
	-8877 Feb 06 j 05:57	0°♑		
	-8877 Mar 02 j 20:22	0°♒		
asc. node	-8877 Mar 07 j 10:24	5°♒34'09		
	-8877 Mar 27 j 15:23	0°♓		
	-8877 Apr 21 j 17:05	0°♈		
	-8877 May 17 j 04:57	0°♉		
	-8877 Jun 12 j 11:56	0°♊		
desc. node	-8877 Jun 28 j 05:53	17°♊07'34		
evening max el	-8877 Jul 08 j 10:28	27°♊38'50	47°37'10	
	-8877 Jul 10 j 19:10	0°♋		
greatest brilliancy	-8877 Aug 18 j 22:35	29°♋11'57	-4.9m	
	-8877 Aug 21 j 14:49	0°♌		
retrograde	-8877 Aug 28 j 06:57	0°♌52'08		
	-8877 Sep 03 j 18:06	30°℞♋		
evening set	-8877 Sep 13 j 18:43	25°♋29'24		
inferior conj	-8877 Sep 17 j 22:54	22°♋55'55	-6°44'50	
minimum elong	-8877 Sep 18 j 09:08	22°♋39'58	6°42'10	
min. Earth dist.	-8877 Sep 17 j 14:07	23°♋09'35	0.26736 AU	
morning rise	-8877 Sep 22 j 23:54	19°♋53'53		
direct	-8877 Oct 08 j 04:40	15°♋16'32		
greatest brilliancy	-8877 Oct 17 j 21:26	17°♋05'12	-4.9m	
asc. node	-8877 Oct 18 j 08:34	17°♋15'23		
	-8877 Nov 07 j 19:53	0°♌		
morning max el	-8877 Nov 27 j 01:05	17°♌32'26	46°18'38	
	-8877 Dec 09 j 05:14	0°♍		
	-8876 Jan 05 j 16:41	0°♎		
	-8876 Feb 01 j 00:15	0°♏		
desc. node	-8876 Feb 08 j 03:22	8°♏15'47		
	-8876 Feb 26 j 16:32	0°♐		
	-8876 Mar 22 j 20:37	0°♑		
	-8876 Apr 16 j 14:00	0°♒		
	-8876 May 10 j 22:16	0°♓		
morning set	-8876 May 22 j 04:06	13°♓59'14		
asc. node	-8876 May 29 j 23:05	23°♓43'15		
	-8876 Jun 03 j 23:27	0°♈		
max. Earth dist.	-8876 Jun 25 j 19:17	27°♈26'45	1.71146 AU	
	-8876 Jun 27 j 19:54	0°♉		
superior conj	-8876 Jun 28 j 11:07	0°♉47'56	1°01'27	
minimum elong	-8876 Jun 28 j 01:34	0°♉17'53	1°01'22	
	-8876 Jul 21 j 14:20	0°♊		
evening rise	-8876 Aug 06 j 21:17	20°♊32'55		
	-8876 Aug 14 j 09:27	0°♋		
	-8876 Sep 07 j 07:35	0°♌		
desc. node	-8876 Sep 19 j 13:41	15°♌16'45		
	-8876 Oct 01 j 10:17	0°♍		
	-8876 Oct 25 j 18:41	0°♎		
	-8876 Nov 19 j 10:55	0°♏		
	-8876 Dec 14 j 16:30	0°♐		
asc. node	-8875 Jan 09 j 13:52	29°♐30'48		
	-8875 Jan 10 j 00:27	0°♑		
	-8875 Feb 07 j 22:28	0°♒		
evening max el	-8875 Feb 08 j 16:09	0°♒42'02	44°55'54	
greatest brilliancy	-8875 Mar 18 j 11:50	27°♒39'08	-4.7m	
retrograde	-8875 Mar 28 j 15:52	29°♒29'09		
evening set	-8875 Apr 13 j 00:41	25°♒05'31		
inferior conj	-8875 Apr 18 j 22:33	21°♒39'29	3°04'18	
minimum elong	-8875 Apr 19 j 04:52	21°♒29'52	3°02'12	
min. Earth dist.	-8875 Apr 20 j 02:18	20°♒57'20	0.28256 AU	
morning rise	-8875 Apr 25 j 07:54	17°♒54'48		
desc. node	-8875 May 02 j 11:21	14°♒47'20		
direct	-8875 May 10 j 13:23	13°♒30'14		
greatest brilliancy	-8875 May 22 j 05:20	15°♒55'40	-4.8m	
	-8875 Jun 13 j 02:19	0°♓		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

morning max el	-8875 Jun 29 j 15:21	15°♓15'08	46°34'33
	-8875 Jul 13 j 18:26	0°♈	
	-8875 Aug 09 j 04:05	0°♉	
asc. node	-8875 Aug 22 j 12:14	15°♉54'01	
	-8875 Sep 03 j 03:04	0°♊	
	-8875 Sep 27 j 12:09	0°♋	
	-8875 Oct 21 j 17:46	0°♌	
	-8875 Nov 15 j 01:17	0°♍	
	-8875 Dec 09 j 12:05	0°♎	
desc. node	-8875 Dec 13 j 03:19	4°♎26'55	
	-8874 Jan 03 j 00:52	0°♏	
morning set	-8874 Jan 05 j 00:53	2°♏26'46	
	-8874 Jan 27 j 13:29	0°♐	
max. Earth dist.	-8874 Feb 09 j 08:48	15°♐41'39	1.73792 AU
superior conj	-8874 Feb 11 j 09:30	18°♐11'00	-1°20'51
minimum elong	-8874 Feb 11 j 11:16	18°♐16'24	1°21'23
	-8874 Feb 21 j 00:34	0°♑	
	-8874 Mar 17 j 10:01	0°♒	
evening rise	-8874 Mar 18 j 23:15	1°♒54'34	
asc. node	-8874 Apr 03 j 22:46	21°♒35'23	
	-8874 Apr 10 j 18:36	0°♓	
	-8874 May 05 j 03:19	0°♈	
	-8874 May 29 j 13:13	0°♉	
	-8874 Jun 23 j 02:12	0°♊	
	-8874 Jul 17 j 21:51	0°♋	
desc. node	-8874 Jul 25 j 16:28	9°♋16'53	
	-8874 Aug 12 j 07:18	0°♌	
	-8874 Sep 07 j 23:50	0°♍	
evening max el	-8874 Sep 17 j 19:37	10°♍19'14	47°20'49
	-8874 Oct 08 j 22:24	0°♎	
greatest brilliancy	-8874 Oct 28 j 02:53	12°♎05'56	-4.9m
retrograde	-8874 Nov 07 j 21:49	14°♎20'56	
asc. node	-8874 Nov 14 j 19:18	13°♎20'21	
evening set	-8874 Nov 22 j 21:41	9°♎45'03	
min. Earth dist.	-8874 Nov 28 j 03:51	6°♎30'52	0.28277 AU
inferior conj	-8874 Nov 29 j 00:00	5°♎58'27	3°17'17
minimum elong	-8874 Nov 28 j 17:40	6°♎08'39	3°15'34
morning rise	-8874 Dec 04 j 14:28	2°♎30'11	
	-8874 Dec 09 j 13:45	30°℞♍	
direct	-8874 Dec 19 j 23:21	27°♍46'57	
greatest brilliancy	-8874 Dec 28 j 21:04	29°♍15'22	-4.8m
	-8874 Dec 31 j 00:09	0°♎	
morning max el	-8873 Feb 06 j 17:23	27°♎36'46	45°56'19
	-8873 Feb 09 j 05:16	0°♏	
desc. node	-8873 Mar 07 j 15:30	27°♏12'38	
	-8873 Mar 10 j 05:14	0°♐	
	-8873 Apr 05 j 22:43	0°♑	
	-8873 May 01 j 12:12	0°♒	
	-8873 May 26 j 07:18	0°♓	
	-8873 Jun 19 j 13:35	0°♈	
asc. node	-8873 Jun 27 j 12:33	9°♈56'48	
	-8873 Jul 13 j 11:23	0°♉	
greatest brilliancy	-8873 Jul 14 j 17:29	1°♉34'55	-3.9m
morning set	-8873 Aug 03 j 05:46	26°♉15'07	
	-8873 Aug 06 j 04:49	0°♊	
	-8873 Aug 29 j 21:48	0°♋	
superior conj	-8873 Sep 13 j 11:14	18°♋21'44	1°07'54
minimum elong	-8873 Sep 13 j 22:31	18°♋57'13	1°08'10
max. Earth dist.	-8873 Sep 19 j 15:11	26°♋06'56	1.71104 AU
	-8873 Sep 22 j 17:25	0°♌	
	-8873 Oct 16 j 17:21	0°♍	
desc. node	-8873 Oct 18 j 02:31	1°♍43'18	
evening rise	-8873 Oct 26 j 18:05	12°♍28'20	
	-8873 Nov 09 j 21:42	0°♎	
	-8873 Dec 04 j 06:08	0°♏	
	-8873 Dec 28 j 19:15	0°♐	
	-8872 Jan 22 j 15:46	0°♑	
asc. node	-8872 Feb 07 j 00:51	18°♑16'25	
	-8872 Feb 17 j 00:46	0°♒	
	-8872 Mar 14 j 06:45	0°♓	
	-8872 Apr 11 j 04:46	0°♈	
evening max el	-8872 Apr 22 j 03:55	10°♈53'05	45°57'50
	-8872 May 14 j 10:01	0°♉	
desc. node	-8872 May 29 j 21:56	8°♉57'42	
greatest brilliancy	-8872 May 31 j 22:11	9°♉42'06	-4.8m
retrograde	-8872 Jun 10 j 16:55	11°♉25'47	
evening set	-8872 Jun 26 j 10:14	6°♉44'59	
inferior conj	-8872 Jul 01 j 11:23	3°♉49'38	-6°58'56
minimum elong	-8872 Jul 01 j 01:03	4°♉05'02	6°56'43
min. Earth dist.	-8872 Jul 01 j 07:36	3°♉55'16	0.26735 AU
morning rise	-8872 Jul 05 j 15:45	1°♉23'12	
	-8872 Jul 08 j 05:53	30°℞♈	
direct	-8872 Jul 22 j 02:30	26°♈14'41	
greatest brilliancy	-8872 Aug 01 j 18:28	28°♈23'10	-4.9m
	-8872 Aug 05 j 10:50	0°♉	
morning max el	-8872 Sep 10 j 20:07	29°♉42'04	46°44'46
	-8872 Sep 11 j 03:07	0°♊	
asc. node	-8872 Sep 18 j 23:54	8°♊15'36	
	-8872 Oct 08 j 12:30	0°♋	
	-8872 Nov 03 j 04:39	0°♌	
	-8872 Nov 28 j 08:48	0°♍	
	-8872 Dec 23 j 09:54	0°♎	
desc. node	-8871 Jan 09 j 16:34	20°♎44'32	
	-8871 Jan 17 j 09:21	0°♏	
	-8871 Feb 11 j 05:37	0°♐	
	-8871 Mar 07 j 21:10	0°♑	
morning set	-8871 Mar 14 j 07:09	7°♑51'08	
	-8871 Apr 01 j 07:32	0°♒	
max. Earth dist.	-8871 Apr 14 j 07:33	16°♒03'45	1.72943 AU
superior conj	-8871 Apr 18 j 12:49	21°♒17'20	-0°29'27
minimum elong	-8871 Apr 18 j 18:09	21°♒33'51	0°29'37
	-8871 Apr 25 j 13:19	0°♓	
asc. node	-8871 May 01 j 11:53	7°♓22'59	
	-8871 May 19 j 15:37	0°♈	
evening rise	-8871 May 24 j 06:57	5°♈47'27	
	-8871 Jun 12 j 15:50	0°♉	
	-8871 Jul 06 j 15:46	0°♊	
	-8871 Jul 30 j 17:45	0°♋	
desc. node	-8871 Aug 22 j 03:47	27°♋43'02	
	-8871 Aug 24 j 00:20	0°♌	
	-8871 Sep 17 j 14:36	0°♍	
	-8871 Oct 12 j 18:07	0°♎	
	-8871 Nov 08 j 01:07	0°♏	
evening max el	-8871 Nov 27 j 10:39	20°♏23'13	45°41'55
	-8871 Dec 07 j 13:48	0°♐	
asc. node	-8871 Dec 12 j 05:40	4°♐04'30	
greatest brilliancy	-8870 Jan 04 j 09:37	19°♐07'39	-4.7m
retrograde	-8870 Jan 15 j 11:39	21°♐22'03	
evening set	-8870 Feb 02 j 02:07	15°♐25'59	
inferior conj	-8870 Feb 05 j 22:30	13°♐00'48	8°04'53
minimum elong	-8870 Feb 05 j 22:10	13°♐01'20	8°04'23
min. Earth dist.	-8870 Feb 06 j 05:20	12°♐49'52	0.29616 AU
morning rise	-8870 Feb 09 j 18:14	10°♐36'27	
direct	-8870 Feb 27 j 21:08	4°♐28'22	
greatest brilliancy	-8870 Mar 09 j 18:37	6°♐13'59	-4.7m
desc. node	-8870 Apr 04 j 02:47	22°♐00'32	
	-8870 Apr 13 j 05:23	0°♑	
morning max el	-8870 Apr 17 j 22:57	4°♑26'58	46°04'06
	-8870 May 12 j 17:07	0°♒	
	-8870 Jun 08 j 03:42	0°♓	
	-8870 Jul 03 j 05:46	0°♈	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

asc. node	-8870 Jul 25 j 01:42	26°♈53'00		
	-8870 Jul 27 j 13:50	0°♉		
	-8870 Aug 20 j 12:22	0°♊		
	-8870 Sep 13 j 07:49	0°♋		
	-8870 Oct 07 j 04:51	0°♌		
morning set	-8870 Oct 19 j 19:30	15°♌45'56		
	-8870 Oct 31 j 05:54	0°♍		
desc. node	-8870 Nov 14 j 15:52	17°♍52'48		
	-8870 Nov 24 j 11:11	0°♎		
superior conj	-8870 Nov 30 j 15:15	7°♎36'45	-0°35'04	
minimum elong	-8870 Nov 30 j 07:21	7°♎12'24	0°34'44	
max. Earth dist.	-8870 Dec 04 j 03:07	11°♎55'18	1.72936 AU	
	-8870 Dec 18 j 19:27	0°♏		
evening rise	-8869 Jan 08 j 14:03	25°♏31'40		
	-8869 Jan 12 j 05:29	0°♐		
	-8869 Feb 05 j 17:15	0°♑		
	-8869 Mar 02 j 07:58	0°♒		
asc. node	-8869 Mar 06 j 12:34	5°♒05'14		
	-8869 Mar 27 j 03:33	0°♓		
	-8869 Apr 21 j 06:12	0°♈		
	-8869 May 16 j 19:37	0°♉		
	-8869 Jun 12 j 05:32	0°♊		
desc. node	-8869 Jun 27 j 08:01	16°♊18'27		
evening max el	-8869 Jul 05 j 23:18	25°♊10'41	47°35'01	
	-8869 Jul 10 j 20:39	0°♋		
greatest brilliancy	-8869 Aug 16 j 13:07	26°♋43'33	-4.9m	
retrograde	-8869 Aug 25 j 19:18	28°♋21'58		
evening set	-8869 Sep 11 j 10:54	22°♋55'19		
inferior conj	-8869 Sep 15 j 11:48	20°♋26'59	-7°00'16	
minimum elong	-8869 Sep 15 j 21:56	20°♋11'13	6°57'42	
min. Earth dist.	-8869 Sep 15 j 03:46	20°♋39'30	0.26712 AU	
morning rise	-8869 Sep 20 j 09:13	17°♋30'00		
direct	-8869 Oct 05 j 16:49	12°♋48'13		
greatest brilliancy	-8869 Oct 15 j 11:27	14°♋38'09	-4.9m	
asc. node	-8869 Oct 17 j 10:57	15°♋24'32		
	-8869 Nov 08 j 07:28	0°♌		
morning max el	-8869 Nov 24 j 13:54	15°♌06'55	46°19'55	
	-8869 Dec 09 j 00:33	0°♍		
	-8868 Jan 05 j 07:51	0°♎		
	-8868 Jan 31 j 13:32	0°♏		
desc. node	-8868 Feb 07 j 05:28	7°♏44'17		
	-8868 Feb 26 j 04:48	0°♐		
	-8868 Mar 22 j 08:19	0°♑		
	-8868 Apr 16 j 01:23	0°♒		
	-8868 May 10 j 09:30	0°♓		
morning set	-8868 May 19 j 21:44	11°♓49'34		
asc. node	-8868 May 29 j 01:15	23°♓14'57		
	-8868 Jun 03 j 10:39	0°♈		
max. Earth dist.	-8868 Jun 23 j 07:17	24°♈57'47	1.71199 AU	
superior conj	-8868 Jun 26 j 01:50	28°♈27'31	0°59'03	
minimum elong	-8868 Jun 25 j 16:22	27°♈57'38	0°58'57	
	-8868 Jun 27 j 07:11	0°♉		
	-8868 Jul 21 j 01:43	0°♊		
evening rise	-8868 Aug 04 j 07:33	17°♊57'57		
	-8868 Aug 13 j 20:59	0°♋		
	-8868 Sep 06 j 19:15	0°♌		
desc. node	-8868 Sep 18 j 15:53	14°♌46'59		
	-8868 Sep 30 j 22:08	0°♍		
	-8868 Oct 25 j 06:48	0°♎		
	-8868 Nov 18 j 23:31	0°♏		
	-8868 Dec 14 j 06:04	0°♐		
asc. node	-8867 Jan 08 j 16:03	28°♐53'25		
	-8867 Jan 09 j 16:19	0°♑		
evening max el	-8867 Feb 06 j 06:56	28°♑29'01	44°55'43	
	-8867 Feb 07 j 21:34	0°♒		
greatest brilliancy	-8867 Mar 16 j 01:26	25°♒26'03	-4.7m	
retrograde	-8867 Mar 26 j 07:05	27°♒17'31		
evening set	-8867 Apr 10 j 17:46	22°♒50'05		
inferior conj	-8867 Apr 16 j 13:41	19°♒26'28	3°22'34	
minimum elong	-8867 Apr 16 j 20:31	19°♒16'06	3°20'22	
min. Earth dist.	-8867 Apr 17 j 17:51	18°♒43'42	0.28332 AU	
morning rise	-8867 Apr 22 j 22:11	15°♒42'56		
desc. node	-8867 May 01 j 13:40	12°♒08'07		
direct	-8867 May 08 j 05:17	11°♒15'38		
greatest brilliancy	-8867 May 19 j 21:18	13°♒41'25	-4.8m	
	-8867 Jun 13 j 10:08	0°♓		
morning max el	-8867 Jun 27 j 07:30	12°♓59'11	46°33'37	
	-8867 Jul 13 j 12:53	0°♈		
	-8867 Aug 08 j 19:06	0°♉		
asc. node	-8867 Aug 21 j 14:25	15°♉18'12		
	-8867 Sep 02 j 16:35	0°♊		
	-8867 Sep 27 j 00:50	0°♋		
	-8867 Oct 21 j 05:56	0°♌		
	-8867 Nov 14 j 13:05	0°♍		
	-8867 Dec 08 j 23:36	0°♎		
desc. node	-8867 Dec 12 j 05:18	3°♎57'53		
morning set	-8866 Jan 02 j 15:59	0°♏11'46		
	-8866 Jan 02 j 12:09	0°♏		
	-8866 Jan 27 j 00:35	0°♐		
max. Earth dist.	-8866 Feb 07 j 07:02	13°♐48'48	1.73791 AU	
superior conj	-8866 Feb 09 j 04:12	16°♐07'19	-1°21'08	
minimum elong	-8866 Feb 09 j 05:21	16°♐10'52	1°21'39	
	-8866 Feb 20 j 11:34	0°♑		
evening rise	-8866 Mar 16 j 19:11	29°♑54'13		
	-8866 Mar 16 j 21:04	0°♒		
asc. node	-8866 Apr 03 j 01:05	21°♒08'03		
	-8866 Apr 10 j 05:52	0°♓		
	-8866 May 04 j 14:56	0°♈		
	-8866 May 29 j 01:22	0°♉		
	-8866 Jun 22 j 15:01	0°♊		
	-8866 Jul 17 j 11:41	0°♋		
desc. node	-8866 Jul 24 j 18:37	8°♋40'55		
	-8866 Aug 11 j 22:54	0°♌		
	-8866 Sep 07 j 19:25	0°♍		
evening max el	-8866 Sep 15 j 11:58	8°♍02'08	47°23'38	
	-8866 Oct 09 j 11:59	0°♎		
greatest brilliancy	-8866 Oct 25 j 19:49	9°♎49'42	-4.9m	
retrograde	-8866 Nov 05 j 14:59	12°♎04'40		
asc. node	-8866 Nov 13 j 21:31	10°♎37'07		
evening set	-8866 Nov 20 j 13:00	7°♎30'08		
min. Earth dist.	-8866 Nov 25 j 19:33	4°♎15'31	0.28207 AU	
inferior conj	-8866 Nov 26 j 16:04	3°♎42'33	2°58'51	
minimum elong	-8866 Nov 26 j 10:14	3°♎51'55	2°57'15	
morning rise	-8866 Dec 02 j 08:22	0°♎12'09		
	-8866 Dec 02 j 16:57	30°℞♍		
direct	-8866 Dec 17 j 14:47	25°♍32'12		
greatest brilliancy	-8866 Dec 26 j 12:02	27°♍00'44	-4.8m	
	-8865 Jan 02 j 14:54	0°♎		
morning max el	-8865 Feb 04 j 10:09	25°♎28'08	45°56'43	
	-8865 Feb 09 j 02:56	0°♏		
desc. node	-8865 Mar 06 j 17:42	26°♏35'20		
	-8865 Mar 09 j 20:51	0°♐		
	-8865 Apr 05 j 12:04	0°♑		
	-8865 May 01 j 00:28	0°♒		
	-8865 May 25 j 19:02	0°♓		
	-8865 Jun 19 j 01:04	0°♈		
asc. node	-8865 Jun 26 j 14:39	9°♈27'35		
	-8865 Jul 12 j 22:46	0°♉		
greatest brilliancy	-8865 Jul 14 j 08:51	1°♉47'28	-3.9m	
morning set	-8865 Jul 31 j 17:21	23°♉43'55		
	-8865 Aug 05 j 16:11	0°♊		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8865 Aug 29 j 09:10	0°♋	
superior conj	-8865 Sep 10 j 19:42	15°♋41'26	1°10'09
minimum elong	-8865 Sep 11 j 06:32	16°♋15'30	1°10'26
max. Earth dist.	-8865 Sep 16 j 22:12	23°♋22'20	1.71056 AU
	-8865 Sep 22 j 04:48	0°♌	
	-8865 Oct 16 j 04:44	0°♍	
desc. node	-8865 Oct 17 j 04:44	1°♍14'44	
evening rise	-8865 Oct 24 j 03:00	9°♍51'40	
	-8865 Nov 09 j 09:06	0°♎	
	-8865 Dec 03 j 17:36	0°♏	
	-8865 Dec 28 j 06:58	0°♐	
	-8864 Jan 22 j 03:59	0°♑	
asc. node	-8864 Feb 06 j 03:05	17°♑45'24	
	-8864 Feb 16 j 14:02	0°♒	
	-8864 Mar 13 j 22:08	0°♓	
	-8864 Apr 11 j 01:19	0°♈	
evening max el	-8864 Apr 19 j 18:14	8°♈34'40	45°54'24
	-8864 May 15 j 09:17	0°♉	
desc. node	-8864 May 28 j 23:58	7°♉07'15	
greatest brilliancy	-8864 May 29 j 09:24	7°♉15'22	-4.8m
retrograde	-8864 Jun 08 j 04:43	8°♉59'01	
evening set	-8864 Jun 23 j 18:39	4°♉23'58	
inferior conj	-8864 Jun 28 j 23:35	1°♉23'16	-6°43'38
minimum elong	-8864 Jun 28 j 13:06	1°♉38'54	6°41'17
min. Earth dist.	-8864 Jun 28 j 20:32	1°♉27'49	0.26759 AU
	-8864 Jul 01 j 07:47	30°♑℞	
morning rise	-8864 Jul 03 j 07:25	28°♈51'45	
direct	-8864 Jul 19 j 15:44	23°♈47'57	
greatest brilliancy	-8864 Jul 30 j 08:06	25°♈56'25	-4.9m
	-8864 Aug 07 j 11:39	0°♉	
morning max el	-8864 Sep 08 j 08:39	27°♉12'25	46°44'54
	-8864 Sep 11 j 01:34	0°♊	
asc. node	-8864 Sep 18 j 02:16	7°♊27'45	
	-8864 Oct 08 j 05:01	0°♋	
	-8864 Nov 02 j 18:52	0°♌	
	-8864 Nov 27 j 21:47	0°♍	
	-8864 Dec 22 j 22:05	0°♎	
desc. node	-8863 Jan 08 j 18:42	20°♎15'34	
	-8863 Jan 16 j 20:58	0°♏	
	-8863 Feb 10 j 16:52	0°♐	
	-8863 Mar 07 j 08:12	0°♑	
morning set	-8863 Mar 12 j 02:24	5°♑49'24	
	-8863 Mar 31 j 18:29	0°♒	
max. Earth dist.	-8863 Apr 12 j 01:21	13°♒56'34	1.72992 AU
superior conj	-8863 Apr 16 j 08:12	19°♒14'50	-0°32'12
minimum elong	-8863 Apr 16 j 13:56	19°♒32'35	0°32'22
	-8863 Apr 25 j 00:16	0°♓	
asc. node	-8863 Apr 30 j 14:04	6°♓55'41	
	-8863 May 19 j 02:39	0°♈	
evening rise	-8863 May 22 j 01:04	3°♈39'40	
	-8863 Jun 12 j 03:03	0°♉	
	-8863 Jul 06 j 03:16	0°♊	
	-8863 Jul 30 j 05:37	0°♋	
desc. node	-8863 Aug 21 j 06:00	27°♋12'05	
	-8863 Aug 23 j 12:39	0°♌	
	-8863 Sep 17 j 03:36	0°♍	
	-8863 Oct 12 j 08:19	0°♎	
	-8863 Nov 07 j 18:06	0°♏	
evening max el	-8863 Nov 25 j 01:43	18°♏07'58	45°44'59
	-8863 Dec 07 j 17:02	0°♐	
asc. node	-8863 Dec 11 j 07:51	3°♐05'12	
greatest brilliancy	-8862 Jan 02 j 03:16	17°♐01'23	-4.7m
retrograde	-8862 Jan 13 j 04:34	19°♐15'45	
evening set	-8862 Jan 30 j 18:49	13°♐20'26	
inferior conj	-8862 Feb 03 j 15:54	10°♐54'01	8°04'31
minimum elong	-8862 Feb 03 j 14:54	10°♐55'37	8°03'59
min. Earth dist.	-8862 Feb 03 j 21:43	10°♐44'42	0.29612 AU
morning rise	-8862 Feb 07 j 10:59	8°♐30'19	
direct	-8862 Feb 25 j 13:43	2°♐21'38	
greatest brilliancy	-8862 Mar 07 j 10:16	4°♐06'00	-4.7m
desc. node	-8862 Apr 03 j 05:05	21°♐03'06	
	-8862 Apr 13 j 05:15	0°♑	
morning max el	-8862 Apr 15 j 14:14	2°♑15'07	46°03'23
	-8862 May 12 j 09:18	0°♒	
	-8862 Jun 07 j 17:22	0°♓	
	-8862 Jul 02 j 18:17	0°♈	
asc. node	-8862 Jul 24 j 03:58	26°♈22'52	
	-8862 Jul 27 j 01:44	0°♉	
	-8862 Aug 19 j 23:57	0°♊	
	-8862 Sep 12 j 19:14	0°♋	
	-8862 Oct 06 j 16:09	0°♌	
morning set	-8862 Oct 17 j 05:27	13°♌12'08	
	-8862 Oct 30 j 17:05	0°♍	
desc. node	-8862 Nov 13 j 17:52	17°♍24'29	
	-8862 Nov 23 j 22:16	0°♎	
superior conj	-8862 Nov 28 j 03:19	5°♎11'51	-0°31'48
minimum elong	-8862 Nov 27 j 19:59	4°♎49'12	0°31'28
max. Earth dist.	-8862 Dec 01 j 19:57	9°♎45'09	1.72879 AU
	-8862 Dec 18 j 06:27	0°♏	
evening rise	-8861 Jan 06 j 06:15	23°♏20'18	
	-8861 Jan 11 j 16:30	0°♐	
	-8861 Feb 05 j 04:23	0°♑	
	-8861 Mar 01 j 19:25	0°♒	
asc. node	-8861 Mar 05 j 14:52	4°♒37'16	
	-8861 Mar 26 j 15:35	0°♓	
	-8861 Apr 20 j 19:11	0°♈	
	-8861 May 16 j 10:12	0°♉	
	-8861 Jun 11 j 23:11	0°♊	
desc. node	-8861 Jun 26 j 10:16	15°♊30'00	
evening max el	-8861 Jul 03 j 11:51	22°♊43'09	47°33'00
	-8861 Jul 10 j 22:58	0°♋	
greatest brilliancy	-8861 Aug 14 j 03:25	24°♋16'24	-4.9m
retrograde	-8861 Aug 23 j 07:55	25°♋53'42	
evening set	-8861 Sep 09 j 03:10	20°♋22'46	
min. Earth dist.	-8861 Sep 12 j 17:21	18°♋11'18	0.26692 AU
inferior conj	-8861 Sep 13 j 00:50	17°♋59'41	-7°14'44
minimum elong	-8861 Sep 13 j 10:47	17°♋44'14	7°12'18
morning rise	-8861 Sep 17 j 18:35	15°♋08'09	
direct	-8861 Oct 03 j 05:00	10°♋21'19	
greatest brilliancy	-8861 Oct 13 j 01:36	12°♋12'49	-4.9m
asc. node	-8861 Oct 16 j 13:10	13°♋39'25	
	-8861 Nov 08 j 15:32	0°♌	
morning max el	-8861 Nov 22 j 03:36	12°♌44'27	46°20'56
	-8861 Dec 08 j 19:02	0°♍	
	-8860 Jan 04 j 22:35	0°♎	
	-8860 Jan 31 j 02:32	0°♏	
desc. node	-8860 Feb 06 j 07:42	7°♏13'48	
	-8860 Feb 25 j 16:49	0°♐	
	-8860 Mar 21 j 19:46	0°♑	
	-8860 Apr 15 j 12:29	0°♒	
	-8860 May 09 j 20:27	0°♓	
morning set	-8860 May 17 j 15:17	9°♓40'34	
asc. node	-8860 May 28 j 03:17	22°♓47'03	
	-8860 Jun 02 j 21:36	0°♈	
max. Earth dist.	-8860 Jun 20 j 19:36	22°♈30'45	1.71249 AU
superior conj	-8860 Jun 23 j 16:40	26°♈08'15	0°56'35
minimum elong	-8860 Jun 23 j 07:18	25°♈38'44	0°56'25
	-8860 Jun 26 j 18:12	0°♉	
	-8860 Jul 20 j 12:50	0°♊	
evening rise	-8860 Aug 01 j 18:13	15°♊25'13	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8860 Aug 13 j 08:11	0°♋	
	-8860 Sep 06 j 06:34	0°♌	
desc. node	-8860 Sep 17 j 18:06	14°♌18'24	
	-8860 Sep 30 j 09:37	0°♍	
	-8860 Oct 24 j 18:34	0°♎	
	-8860 Nov 18 j 11:48	0°♏	
	-8860 Dec 13 j 19:26	0°♐	
asc. node	-8859 Jan 07 j 18:20	28°♐16'38	
	-8859 Jan 09 j 08:11	0°♑	
evening max el	-8859 Feb 03 j 22:29	26°♑18'24	44°55'35
	-8859 Feb 07 j 21:31	0°♒	
greatest brilliancy	-8859 Mar 13 j 14:53	23°♒13'21	-4.7m
retrograde	-8859 Mar 23 j 22:21	25°♒06'06	
evening set	-8859 Apr 08 j 10:54	20°♒35'05	
inferior conj	-8859 Apr 14 j 04:43	17°♒13'47	3°40'34
minimum elong	-8859 Apr 14 j 12:00	17°♒02'42	3°38'16
min. Earth dist.	-8859 Apr 15 j 08:56	16°♒30'54	0.28405 AU
morning rise	-8859 Apr 20 j 12:09	13°♒31'38	
desc. node	-8859 Apr 30 j 15:44	9°♒34'15	
direct	-8859 May 05 j 21:33	9°♒01'39	
greatest brilliancy	-8859 May 17 j 12:26	11°♒26'49	-4.8m
	-8859 Jun 13 j 15:27	0°♓	
morning max el	-8859 Jun 24 j 23:46	10°♓44'33	46°32'38
	-8859 Jul 13 j 06:39	0°♈	
	-8859 Aug 08 j 09:39	0°♉	
asc. node	-8859 Aug 20 j 16:39	14°♉43'36	
	-8859 Sep 02 j 05:41	0°♊	
	-8859 Sep 26 j 13:08	0°♋	
	-8859 Oct 20 j 17:43	0°♌	
	-8859 Nov 14 j 00:30	0°♍	
	-8859 Dec 08 j 10:44	0°♎	
desc. node	-8859 Dec 11 j 07:27	3°♎30'27	
morning set	-8859 Dec 31 j 07:06	27°♎57'47	
	-8858 Jan 01 j 23:04	0°♏	
	-8858 Jan 26 j 11:22	0°♐	
max. Earth dist.	-8858 Feb 05 j 06:13	11°♐59'41	1.73795 AU
superior conj	-8858 Feb 06 j 22:40	14°♐03'42	-1°21'18
minimum elong	-8858 Feb 06 j 23:11	14°♐05'20	1°21'49
	-8858 Feb 19 j 22:19	0°♑	
evening rise	-8858 Mar 14 j 14:47	27°♑53'34	
	-8858 Mar 16 j 07:54	0°♒	
asc. node	-8858 Apr 02 j 03:11	20°♒40'43	
	-8858 Apr 09 j 16:55	0°♓	
	-8858 May 04 j 02:22	0°♈	
	-8858 May 28 j 13:18	0°♉	
	-8858 Jun 22 j 03:40	0°♊	
	-8858 Jul 17 j 01:23	0°♋	
desc. node	-8858 Jul 23 j 20:54	8°♋05'50	
	-8858 Aug 11 j 14:26	0°♌	
	-8858 Sep 07 j 15:14	0°♍	
evening max el	-8858 Sep 13 j 05:11	5°♍48'00	47°26'23
	-8858 Oct 10 j 05:30	0°♎	
greatest brilliancy	-8858 Oct 23 j 13:01	7°♎34'52	-4.9m
retrograde	-8858 Nov 03 j 08:04	9°♎49'18	
asc. node	-8858 Nov 12 j 23:40	7°♎50'24	
evening set	-8858 Nov 18 j 04:34	5°♎16'14	
min. Earth dist.	-8858 Nov 23 j 11:17	2°♎01'18	0.28132 AU
inferior conj	-8858 Nov 24 j 08:10	1°♎27'46	2°40'03
minimum elong	-8858 Nov 24 j 02:52	1°♎36'16	2°38'37
	-8858 Nov 26 j 15:15	30°℞♍	
morning rise	-8858 Nov 30 j 02:11	27°♍55'17	
direct	-8858 Dec 15 j 06:33	23°♍18'49	
greatest brilliancy	-8858 Dec 24 j 02:49	24°♍46'59	-4.8m
	-8857 Jan 04 j 05:19	0°♎	
morning max el	-8857 Feb 02 j 02:27	23°♎19'26	45°56'55
	-8857 Feb 08 j 23:25	0°♏	
desc. node	-8857 Mar 05 j 19:54	25°♏59'13	
	-8857 Mar 09 j 11:57	0°♐	
	-8857 Apr 05 j 01:07	0°♑	
	-8857 Apr 30 j 12:33	0°♒	
	-8857 May 25 j 06:36	0°♓	
	-8857 Jun 18 j 12:22	0°♈	
asc. node	-8857 Jun 25 j 16:54	8°♈59'24	
	-8857 Jul 12 j 09:57	0°♉	
greatest brilliancy	-8857 Jul 13 j 21:09	1°♉51'01	-3.9m
morning set	-8857 Jul 29 j 04:52	21°♉13'12	
	-8857 Aug 05 j 03:20	0°♊	
	-8857 Aug 28 j 20:20	0°♋	
superior conj	-8857 Sep 08 j 04:17	13°♋02'03	1°12'14
minimum elong	-8857 Sep 08 j 14:32	13°♋34'19	1°12'33
max. Earth dist.	-8857 Sep 14 j 04:49	20°♋37'02	1.71008 AU
	-8857 Sep 21 j 16:00	0°♌	
	-8857 Oct 15 j 15:55	0°♍	
desc. node	-8857 Oct 16 j 06:44	0°♍46'06	
evening rise	-8857 Oct 21 j 11:46	7°♍15'00	
	-8857 Nov 08 j 20:17	0°♎	
	-8857 Dec 03 j 04:51	0°♏	
	-8857 Dec 27 j 18:25	0°♐	
	-8856 Jan 21 j 16:00	0°♑	
asc. node	-8856 Feb 05 j 05:22	17°♑15'12	
	-8856 Feb 16 j 03:10	0°♒	
	-8856 Mar 13 j 13:34	0°♓	
	-8856 Apr 10 j 22:28	0°♈	
evening max el	-8856 Apr 17 j 07:47	6°♈14'37	45°50'48
	-8856 May 16 j 17:20	0°♉	
greatest brilliancy	-8856 May 26 j 21:06	4°♉49'06	-4.8m
desc. node	-8856 May 28 j 02:15	5°♉12'22	
retrograde	-8856 Jun 05 j 15:53	6°♉32'14	
evening set	-8856 Jun 21 j 03:04	2°♉02'36	
	-8856 Jun 24 j 17:17	30°℞♈	
inferior conj	-8856 Jun 26 j 11:41	28°♈56'58	-6°27'23
minimum elong	-8856 Jun 26 j 01:08	29°♈12'41	6°24'56
min. Earth dist.	-8856 Jun 26 j 09:48	28°♈59'46	0.26784 AU
morning rise	-8856 Jun 30 j 22:59	26°♈20'20	
direct	-8856 Jul 17 j 04:19	21°♈21'04	
greatest brilliancy	-8856 Jul 27 j 22:19	23°♈30'22	-4.9m
	-8856 Aug 08 j 20:29	0°♉	
morning max el	-8856 Sep 05 j 20:10	24°♉40'20	46°45'09
	-8856 Sep 10 j 23:06	0°♊	
asc. node	-8856 Sep 17 j 04:27	6°♊40'27	
	-8856 Oct 07 j 21:09	0°♋	
	-8856 Nov 02 j 08:50	0°♌	
	-8856 Nov 27 j 10:34	0°♍	
	-8856 Dec 22 j 10:05	0°♎	
desc. node	-8855 Jan 07 j 20:54	19°♎47'11	
	-8855 Jan 16 j 08:25	0°♏	
	-8855 Feb 10 j 03:57	0°♐	
	-8855 Mar 06 j 19:04	0°♑	
morning set	-8855 Mar 09 j 21:50	3°♑48'43	
	-8855 Mar 31 j 05:18	0°♒	
max. Earth dist.	-8855 Apr 09 j 20:41	11°♒54'27	1.73048 AU
superior conj	-8855 Apr 14 j 03:44	17°♒13'14	-0°34'54
minimum elong	-8855 Apr 14 j 09:50	17°♒32'05	0°35'03
	-8855 Apr 24 j 11:09	0°♓	
asc. node	-8855 Apr 29 j 16:09	6°♓28'13	
	-8855 May 18 j 13:41	0°♈	
evening rise	-8855 May 19 j 19:17	1°♈32'14	
	-8855 Jun 11 j 14:19	0°♉	
	-8855 Jul 05 j 14:51	0°♊	
	-8855 Jul 29 j 17:33	0°♋	
desc. node	-8855 Aug 20 j 08:11	26°♋40'58	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8855 Aug 23 j 01:02	0°♌	
	-8855 Sep 16 j 16:40	0°♍	
	-8855 Oct 11 j 22:39	0°♎	
	-8855 Nov 07 j 11:24	0°♏	
evening max el	-8855 Nov 22 j 16:30	15°♏52'04	45°48'15
	-8855 Dec 07 j 21:57	0°♐	
asc. node	-8855 Dec 10 j 10:14	2°♐05'08	
greatest brilliancy	-8855 Dec 30 j 20:46	14°♐55'14	-4.7m
retrograde	-8854 Jan 10 j 21:57	17°♐10'19	
evening set	-8854 Jan 28 j 11:28	11°♐15'52	
inferior conj	-8854 Feb 01 j 09:32	8°♐48'01	8°03'23
minimum elong	-8854 Feb 01 j 07:53	8°♐50'38	8°02'52
min. Earth dist.	-8854 Feb 01 j 14:19	8°♐40'21	0.29603 AU
morning rise	-8854 Feb 05 j 04:17	6°♐24'41	
direct	-8854 Feb 23 j 06:16	0°♐15'37	
greatest brilliancy	-8854 Mar 05 j 02:28	1°♐59'23	-4.7m
desc. node	-8854 Apr 02 j 07:07	20°♐06'54	
morning max el	-8854 Apr 13 j 05:58	0°♑04'53	46°02'40
	-8854 Apr 13 j 03:56	0°♑	
	-8854 May 12 j 01:09	0°♒	
	-8854 Jun 07 j 06:58	0°♓	
	-8854 Jul 02 j 06:51	0°♈	
asc. node	-8854 Jul 23 j 06:08	25°♈51'59	
	-8854 Jul 26 j 13:47	0°♉	
	-8854 Aug 19 j 11:43	0°♊	
	-8854 Sep 12 j 06:49	0°♋	
	-8854 Oct 06 j 03:35	0°♌	
morning set	-8854 Oct 14 j 15:10	10°♌37'01	
	-8854 Oct 30 j 04:23	0°♍	
desc. node	-8854 Nov 12 j 20:01	16°♍56'20	
	-8854 Nov 23 j 09:28	0°♎	
superior conj	-8854 Nov 25 j 15:16	2°♎46'05	-0°28'27
minimum elong	-8854 Nov 25 j 08:32	2°♎25'20	0°28'07
max. Earth dist.	-8854 Nov 29 j 11:06	7°♎29'25	1.72819 AU
	-8854 Dec 17 j 17:35	0°♏	
evening rise	-8853 Jan 03 j 22:32	21°♏08'47	
	-8853 Jan 11 j 03:38	0°♐	
	-8853 Feb 04 j 15:37	0°♑	
	-8853 Mar 01 j 06:57	0°♒	
asc. node	-8853 Mar 04 j 17:01	4°♒08'38	
	-8853 Mar 26 j 03:41	0°♓	
	-8853 Apr 20 j 08:18	0°♈	
	-8853 May 16 j 01:03	0°♉	
	-8853 Jun 11 j 17:26	0°♊	
desc. node	-8853 Jun 25 j 12:32	14°♊39'55	
evening max el	-8853 Jul 01 j 00:39	20°♊15'29	47°30'34
	-8853 Jul 11 j 03:16	0°♋	
greatest brilliancy	-8853 Aug 11 j 16:51	21°♋46'30	-4.9m
retrograde	-8853 Aug 20 j 20:37	23°♋23'22	
evening set	-8853 Sep 06 j 19:00	17°♋47'56	
inferior conj	-8853 Sep 10 j 13:28	15°♋30'06	-7°28'22
minimum elong	-8853 Sep 10 j 23:10	15°♋15'06	7°26'07
min. Earth dist.	-8853 Sep 10 j 06:20	15°♋41'08	0.26676 AU
morning rise	-8853 Sep 15 j 03:28	12°♋44'24	
direct	-8853 Sep 30 j 17:17	7°♋52'04	
greatest brilliancy	-8853 Oct 10 j 15:09	9°♋45'01	-4.9m
asc. node	-8853 Oct 15 j 15:18	11°♋56'33	
	-8853 Nov 08 j 21:49	0°♌	
morning max el	-8853 Nov 19 j 17:54	10°♌22'13	46°22'09
	-8853 Dec 08 j 13:25	0°♍	
	-8852 Jan 04 j 13:24	0°♎	
	-8852 Jan 30 j 15:40	0°♏	
desc. node	-8852 Feb 05 j 09:46	6°♏42'23	
	-8852 Feb 25 j 05:00	0°♐	
	-8852 Mar 21 j 07:22	0°♑	
	-8852 Apr 14 j 23:45	0°♒	
	-8852 May 09 j 07:34	0°♓	
morning set	-8852 May 15 j 09:27	7°♓33'13	
asc. node	-8852 May 27 j 05:35	22°♓19'31	
	-8852 Jun 02 j 08:42	0°♈	
max. Earth dist.	-8852 Jun 18 j 08:43	20°♈05'49	1.71304 AU
superior conj	-8852 Jun 21 j 08:01	23°♈50'13	0°54'02
minimum elong	-8852 Jun 20 j 22:49	23°♈21'16	0°53'51
	-8852 Jun 26 j 05:24	0°♉	
	-8852 Jul 20 j 00:11	0°♊	
evening rise	-8852 Jul 30 j 05:12	12°♊52'36	
	-8852 Aug 12 j 19:41	0°♋	
	-8852 Sep 05 j 18:15	0°♌	
desc. node	-8852 Sep 16 j 20:07	13°♌48'05	
	-8852 Sep 29 j 21:30	0°♍	
	-8852 Oct 24 j 06:45	0°♎	
	-8852 Nov 18 j 00:30	0°♏	
	-8852 Dec 13 j 09:14	0°♐	
asc. node	-8851 Jan 06 j 20:36	27°♐38'35	
	-8851 Jan 09 j 00:39	0°♑	
evening max el	-8851 Feb 01 j 14:38	24°♑08'29	44°55'39
	-8851 Feb 07 j 22:58	0°♒	
greatest brilliancy	-8851 Mar 11 j 05:09	21°♒01'31	-4.7m
retrograde	-8851 Mar 21 j 13:44	22°♒54'51	
evening set	-8851 Apr 06 j 04:28	18°♒20'28	
inferior conj	-8851 Apr 11 j 20:04	15°♒01'27	3°58'00
minimum elong	-8851 Apr 12 j 03:46	14°♒49'43	3°55'38
min. Earth dist.	-8851 Apr 13 j 00:12	14°♒18'36	0.28471 AU
morning rise	-8851 Apr 18 j 02:13	11°♒20'44	
desc. node	-8851 Apr 29 j 17:59	7°♒05'42	
direct	-8851 May 03 j 14:14	6°♒48'16	
greatest brilliancy	-8851 May 15 j 03:13	9°♒11'57	-4.8m
	-8851 Jun 13 j 19:05	0°♓	
morning max el	-8851 Jun 22 j 15:35	8°♓28'41	46°31'35
	-8851 Jul 13 j 00:10	0°♈	
	-8851 Aug 08 j 00:14	0°♉	
asc. node	-8851 Aug 19 j 18:48	14°♉08'19	
	-8851 Sep 01 j 18:58	0°♊	
	-8851 Sep 26 j 01:42	0°♋	
	-8851 Oct 20 j 05:51	0°♌	
	-8851 Nov 13 j 12:19	0°♍	
	-8851 Dec 07 j 22:17	0°♎	
desc. node	-8851 Dec 10 j 09:38	3°♎01'55	
morning set	-8851 Dec 28 j 21:41	25°♎40'57	
	-8850 Jan 01 j 10:22	0°♏	
	-8850 Jan 25 j 22:30	0°♐	
max. Earth dist.	-8850 Feb 03 j 05:51	10°♐10'55	1.73789 AU
superior conj	-8850 Feb 04 j 16:46	11°♐57'57	-1°21'21
minimum elong	-8850 Feb 04 j 16:40	11°♐57'41	1°21'53
	-8850 Feb 19 j 09:23	0°♑	
evening rise	-8850 Mar 12 j 10:20	25°♑51'47	
	-8850 Mar 15 j 19:03	0°♒	
asc. node	-8850 Apr 01 j 05:19	20°♒12'30	
	-8850 Apr 09 j 04:19	0°♓	
	-8850 May 03 j 14:06	0°♈	
	-8850 May 28 j 01:32	0°♉	
	-8850 Jun 21 j 16:36	0°♊	
	-8850 Jul 16 j 15:24	0°♋	
desc. node	-8850 Jul 22 j 23:02	7°♋29'33	
	-8850 Aug 11 j 06:27	0°♌	
	-8850 Sep 07 j 12:02	0°♍	
evening max el	-8850 Sep 10 j 21:53	3°♍31'20	47°28'38
	-8850 Oct 11 j 06:19	0°♎	
greatest brilliancy	-8850 Oct 21 j 06:24	5°♎18'11	-4.9m
retrograde	-8850 Nov 01 j 00:25	7°♎31'13	
asc. node	-8850 Nov 12 j 02:03	4°♎55'58	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

evening set	-8850 Nov 15 j 19:59	2°♎59'43	
	-8850 Nov 20 j 17:08	30°℞♍	
min. Earth dist.	-8850 Nov 21 j 03:04	29°♍44'04	0.28061 AU
inferior conj	-8850 Nov 21 j 23:57	29°♍10'30	2°20'44
minimum elong	-8850 Nov 21 j 19:14	29°♍18'05	2°19'27
morning rise	-8850 Nov 27 j 19:33	25°♍35'51	
direct	-8850 Dec 12 j 21:57	21°♍03'01	
greatest brilliancy	-8850 Dec 21 j 17:46	22°♍30'59	-4.8m
	-8849 Jan 05 j 09:16	0°♎	
morning max el	-8849 Jan 30 j 17:41	21°♎06'30	45°57'16
	-8849 Feb 08 j 19:50	0°♏	
desc. node	-8849 Mar 04 j 22:00	25°♏21'58	
	-8849 Mar 09 j 03:15	0°♐	
	-8849 Apr 04 j 14:25	0°♑	
	-8849 Apr 30 j 00:51	0°♒	
	-8849 May 24 j 18:25	0°♓	
	-8849 Jun 17 j 23:55	0°♈	
asc. node	-8849 Jun 24 j 19:01	8°♈30'02	
	-8849 Jul 11 j 21:22	0°♉	
greatest brilliancy	-8849 Jul 13 j 09:52	1°♉55'09	-3.9m
morning set	-8849 Jul 26 j 17:00	18°♉43'44	
	-8849 Aug 04 j 14:42	0°♊	
	-8849 Aug 28 j 07:42	0°♋	
superior conj	-8849 Sep 05 j 13:32	10°♋24'08	1°14'07
minimum elong	-8849 Sep 05 j 23:07	10°♋54'21	1°14'29
max. Earth dist.	-8849 Sep 11 j 10:33	17°♋48'14	1.70963 AU
	-8849 Sep 21 j 03:23	0°♌	
desc. node	-8849 Oct 15 j 08:56	0°♍17'23	
	-8849 Oct 15 j 03:21	0°♍	
evening rise	-8849 Oct 18 j 20:30	4°♍37'26	
	-8849 Nov 08 j 07:45	0°♎	
	-8849 Dec 02 j 16:25	0°♏	
	-8849 Dec 27 j 06:16	0°♐	
	-8848 Jan 21 j 04:25	0°♑	
asc. node	-8848 Feb 04 j 07:30	16°♑43'23	
	-8848 Feb 15 j 16:45	0°♒	
	-8848 Mar 13 j 05:34	0°♓	
	-8848 Apr 10 j 20:44	0°♈	
evening max el	-8848 Apr 14 j 20:21	3°♈51'38	45°47'25
	-8848 May 18 j 16:35	0°♉	
greatest brilliancy	-8848 May 24 j 08:57	2°♉22'39	-4.8m
desc. node	-8848 May 27 j 04:33	3°♉12'22	
retrograde	-8848 Jun 03 j 03:07	4°♉05'31	
	-8848 Jun 17 j 21:00	30°℞♈	
evening set	-8848 Jun 18 j 11:43	29°♈40'36	
inferior conj	-8848 Jun 23 j 23:52	26°♈30'32	-6°10'26
minimum elong	-8848 Jun 23 j 13:20	26°♈46'15	6°07'55
min. Earth dist.	-8848 Jun 23 j 23:20	26°♈31'21	0.26811 AU
morning rise	-8848 Jun 28 j 14:36	23°♈48'58	
direct	-8848 Jul 14 j 16:37	18°♈53'44	
greatest brilliancy	-8848 Jul 25 j 13:07	21°♈04'45	-4.9m
	-8848 Aug 09 j 20:21	0°♉	
morning max el	-8848 Sep 03 j 07:51	22°♉08'13	46°45'33
	-8848 Sep 10 j 20:03	0°♊	
asc. node	-8848 Sep 16 j 06:35	5°♊53'19	
	-8848 Oct 07 j 13:10	0°♋	
	-8848 Nov 01 j 22:49	0°♌	
	-8848 Nov 26 j 23:26	0°♍	
	-8848 Dec 21 j 22:15	0°♎	
desc. node	-8847 Jan 06 j 22:56	19°♎17'42	
	-8847 Jan 15 j 20:06	0°♏	
	-8847 Feb 09 j 15:18	0°♐	
	-8847 Mar 06 j 06:13	0°♑	
morning set	-8847 Mar 07 j 16:47	1°♑45'47	
	-8847 Mar 30 j 16:20	0°♒	
max. Earth dist.	-8847 Apr 07 j 17:13	9°♒55'28	1.73099 AU
superior conj	-8847 Apr 11 j 22:59	15°♒10'08	-0°37'33
minimum elong	-8847 Apr 12 j 05:25	15°♒30'03	0°37'44
	-8847 Apr 23 j 22:12	0°♓	
asc. node	-8847 Apr 28 j 18:24	6°♓00'45	
evening rise	-8847 May 17 j 13:27	29°♓24'21	
	-8847 May 18 j 00:53	0°♈	
	-8847 Jun 11 j 01:45	0°♉	
	-8847 Jul 05 j 02:35	0°♊	
	-8847 Jul 29 j 05:39	0°♋	
desc. node	-8847 Aug 19 j 10:17	26°♋09'06	
	-8847 Aug 22 j 13:35	0°♌	
	-8847 Sep 16 j 05:53	0°♍	
	-8847 Oct 11 j 13:10	0°♎	
	-8847 Nov 07 j 05:06	0°♏	
evening max el	-8847 Nov 20 j 07:21	13°♏36'06	45°51'30
	-8847 Dec 08 j 05:08	0°♐	
asc. node	-8847 Dec 09 j 12:25	1°♐02'57	
greatest brilliancy	-8847 Dec 28 j 13:27	12°♐47'33	-4.7m
retrograde	-8846 Jan 08 j 15:34	15°♐04'11	
evening set	-8846 Jan 26 j 03:44	9°♐10'40	
inferior conj	-8846 Jan 30 j 03:01	6°♐41'04	8°01'35
minimum elong	-8846 Jan 30 j 00:43	6°♐44'43	8°01'01
min. Earth dist.	-8846 Jan 30 j 06:28	6°♐35'32	0.29598 AU
morning rise	-8846 Feb 02 j 21:42	4°♐17'55	
	-8846 Feb 11 j 06:38	30°℞♏	
direct	-8846 Feb 20 j 22:55	28°♏08'35	
greatest brilliancy	-8846 Mar 02 j 18:29	29°♏51'54	-4.7m
	-8846 Mar 03 j 03:58	0°♐	
desc. node	-8846 Apr 01 j 09:23	19°♐11'43	
morning max el	-8846 Apr 10 j 22:31	27°♐56'04	46°02'00
	-8846 Apr 13 j 02:00	0°♑	
	-8846 May 11 j 16:56	0°♒	
	-8846 Jun 06 j 20:32	0°♓	
	-8846 Jul 01 j 19:23	0°♈	
asc. node	-8846 Jul 22 j 08:13	25°♈20'54	
	-8846 Jul 26 j 01:47	0°♉	
	-8846 Aug 18 j 23:27	0°♊	
	-8846 Sep 11 j 18:23	0°♋	
	-8846 Oct 05 j 14:59	0°♌	
morning set	-8846 Oct 12 j 00:58	8°♌02'02	
	-8846 Oct 29 j 15:39	0°♍	
desc. node	-8846 Nov 11 j 22:12	16°♍28'22	
	-8846 Nov 22 j 20:36	0°♎	
superior conj	-8846 Nov 23 j 03:08	0°♎20'09	-0°25'03
minimum elong	-8846 Nov 22 j 21:05	0°♎01'27	0°24'42
max. Earth dist.	-8846 Nov 27 j 01:47	5°♎12'21	1.72759 AU
	-8846 Dec 17 j 04:40	0°♏	
evening rise	-8845 Jan 01 j 14:47	18°♏57'25	
	-8845 Jan 10 j 14:42	0°♐	
	-8845 Feb 04 j 02:50	0°♑	
	-8845 Feb 28 j 18:31	0°♒	
asc. node	-8845 Mar 03 j 19:10	3°♒39'56	
	-8845 Mar 25 j 15:53	0°♓	
	-8845 Apr 19 j 21:33	0°♈	
	-8845 May 15 j 16:06	0°♉	
	-8845 Jun 11 j 12:05	0°♊	
desc. node	-8845 Jun 24 j 14:39	13°♊48'48	
evening max el	-8845 Jun 28 j 14:11	17°♊50'05	47°28'13
	-8845 Jul 11 j 09:20	0°♋	
greatest brilliancy	-8845 Aug 09 j 05:25	19°♋15'59	-4.9m
retrograde	-8845 Aug 18 j 09:38	20°♋53'09	
evening set	-8845 Sep 04 j 10:41	15°♋13'11	
inferior conj	-8845 Sep 08 j 01:59	13°♋00'29	-7°41'16
minimum elong	-8845 Sep 08 j 11:20	12°♋46'03	7°39'10
min. Earth dist.	-8845 Sep 07 j 18:45	13°♋11'36	0.26661 AU
morning rise	-8845 Sep 12 j 12:07	10°♋20'55	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

direct	-8845 Sep 28 j 06:08	5°♋22'58	
greatest brilliancy	-8845 Oct 08 j 04:04	7°♋16'38	-4.9m
asc. node	-8845 Oct 14 j 17:42	10°♋18'08	
	-8845 Nov 09 j 02:00	0°♌	
morning max el	-8845 Nov 17 j 08:41	8°♌01'31	46°23'20
	-8845 Dec 08 j 07:13	0°♍	
	-8844 Jan 04 j 03:53	0°♎	
	-8844 Jan 30 j 04:32	0°♏	
desc. node	-8844 Feb 04 j 11:54	6°♏11'45	
	-8844 Feb 24 j 16:57	0°♐	
	-8844 Mar 20 j 18:47	0°♑	
	-8844 Apr 14 j 10:53	0°♒	
	-8844 May 08 j 18:35	0°♓	
morning set	-8844 May 13 j 03:29	5°♓25'45	
asc. node	-8844 May 26 j 07:42	21°♓51'41	
	-8844 Jun 01 j 19:43	0°♈	
max. Earth dist.	-8844 Jun 15 j 19:10	17°♈32'56	1.71356 AU
superior conj	-8844 Jun 18 j 23:16	21°♈32'19	0°51'23
minimum elong	-8844 Jun 18 j 14:19	21°♈04'10	0°51'11
	-8844 Jun 25 j 16:29	0°♉	
	-8844 Jul 19 j 11:22	0°♊	
evening rise	-8844 Jul 27 j 16:11	10°♊20'29	
	-8844 Aug 12 j 07:00	0°♋	
	-8844 Sep 05 j 05:44	0°♌	
desc. node	-8844 Sep 15 j 22:19	13°♌18'58	
	-8844 Sep 29 j 09:12	0°♍	
	-8844 Oct 23 j 18:44	0°♎	
	-8844 Nov 17 j 13:02	0°♏	
	-8844 Dec 12 j 22:53	0°♐	
asc. node	-8843 Jan 05 j 22:48	27°♐00'51	
	-8843 Jan 08 j 17:06	0°♑	
evening max el	-8843 Jan 30 j 06:35	21°♑58'52	44°55'44
	-8843 Feb 08 j 01:27	0°♒	
greatest brilliancy	-8843 Mar 08 j 19:57	18°♒51'15	-4.7m
retrograde	-8843 Mar 19 j 04:41	20°♒44'29	
evening set	-8843 Apr 03 j 22:07	16°♒06'46	
inferior conj	-8843 Apr 09 j 11:29	12°♒50'07	4°14'51
minimum elong	-8843 Apr 09 j 19:31	12°♒37'49	4°12'26
min. Earth dist.	-8843 Apr 10 j 15:36	12°♒07'06	0.28542 AU
morning rise	-8843 Apr 15 j 16:08	9°♒10'48	
desc. node	-8843 Apr 28 j 20:16	4°♒42'45	
direct	-8843 May 01 j 06:40	4°♒35'50	
greatest brilliancy	-8843 May 12 j 18:04	6°♒57'44	-4.8m
	-8843 Jun 13 j 21:03	0°♓	
morning max el	-8843 Jun 20 j 06:34	6°♓11'10	46°30'28
	-8843 Jul 12 j 17:14	0°♈	
	-8843 Aug 07 j 14:31	0°♉	
asc. node	-8843 Aug 18 j 21:00	13°♉33'52	
	-8843 Sep 01 j 07:57	0°♊	
	-8843 Sep 25 j 13:58	0°♋	
	-8843 Oct 19 j 17:40	0°♌	
	-8843 Nov 12 j 23:49	0°♍	
	-8843 Dec 07 j 09:30	0°♎	
desc. node	-8843 Dec 09 j 11:37	2°♎33'38	
morning set	-8843 Dec 26 j 12:14	23°♎24'51	
	-8843 Dec 31 j 21:22	0°♏	
	-8842 Jan 25 j 09:20	0°♐	
max. Earth dist.	-8842 Feb 01 j 04:23	8°♐19'39	1.73779 AU
superior conj	-8842 Feb 02 j 10:56	9°♐53'20	-1°21'18
minimum elong	-8842 Feb 02 j 10:12	9°♐51'07	1°21'48
	-8842 Feb 18 j 20:09	0°♑	
evening rise	-8842 Mar 10 j 05:59	23°♑51'18	
	-8842 Mar 15 j 05:54	0°♒	
asc. node	-8842 Mar 31 j 07:38	19°♒45'51	
	-8842 Apr 08 j 15:24	0°♓	
	-8842 May 03 j 01:35	0°♈	
	-8842 May 27 j 13:34	0°♉	
	-8842 Jun 21 j 05:24	0°♊	
	-8842 Jul 16 j 05:22	0°♋	
desc. node	-8842 Jul 22 j 01:12	6°♋53'39	
	-8842 Aug 10 j 22:30	0°♌	
	-8842 Sep 07 j 09:14	0°♍	
evening max el	-8842 Sep 08 j 13:34	1°♍12'40	47°31'00
	-8842 Oct 12 j 16:29	0°♎	
greatest brilliancy	-8842 Oct 19 j 00:19	3°♎02'58	-4.9m
retrograde	-8842 Oct 29 j 16:22	5°♎14'00	
asc. node	-8842 Nov 11 j 04:14	1°♎58'21	
evening set	-8842 Nov 13 j 11:36	0°♎43'53	
	-8842 Nov 14 j 17:41	30°℞♍	
min. Earth dist.	-8842 Nov 18 j 19:12	27°♍27'24	0.27987 AU
inferior conj	-8842 Nov 19 j 15:47	26°♍54'17	2°01'10
minimum elong	-8842 Nov 19 j 11:41	27°♍00'53	2°00'04
morning rise	-8842 Nov 25 j 12:49	23°♍17'28	
direct	-8842 Dec 10 j 12:56	18°♍48'13	
greatest brilliancy	-8842 Dec 19 j 09:16	20°♍16'28	-4.8m
	-8841 Jan 06 j 05:10	0°♎	
morning max el	-8841 Jan 28 j 08:09	18°♎52'36	45°57'40
	-8841 Feb 08 j 15:12	0°♏	
desc. node	-8841 Mar 04 j 00:12	24°♏46'23	
	-8841 Mar 08 j 17:58	0°♐	
	-8841 Apr 04 j 03:15	0°♑	
	-8841 Apr 29 j 12:45	0°♒	
	-8841 May 24 j 05:51	0°♓	
	-8841 Jun 17 j 11:07	0°♈	
asc. node	-8841 Jun 23 j 21:07	8°♈01'36	
	-8841 Jul 11 j 08:30	0°♉	
greatest brilliancy	-8841 Jul 12 j 22:06	1°♉58'38	-3.9m
morning set	-8841 Jul 24 j 05:02	16°♉14'41	
	-8841 Aug 04 j 01:49	0°♊	
	-8841 Aug 27 j 18:51	0°♋	
superior conj	-8841 Sep 02 j 22:29	7°♋45'52	1°15'50
minimum elong	-8841 Sep 03 j 07:21	8°♋13'50	1°16'14
max. Earth dist.	-8841 Sep 08 j 10:51	14°♋42'57	1.70920 AU
	-8841 Sep 20 j 14:34	0°♌	
desc. node	-8841 Oct 14 j 11:06	29°♌49'23	
	-8841 Oct 14 j 14:31	0°♍	
evening rise	-8841 Oct 16 j 04:39	1°♍58'43	
	-8841 Nov 07 j 18:56	0°♎	
	-8841 Dec 02 j 03:42	0°♏	
	-8841 Dec 26 j 17:49	0°♐	
	-8840 Jan 20 j 16:35	0°♑	
asc. node	-8840 Feb 03 j 09:45	16°♑12'47	
	-8840 Feb 15 j 06:06	0°♒	
	-8840 Mar 12 j 21:26	0°♓	
	-8840 Apr 10 j 19:21	0°♈	
evening max el	-8840 Apr 12 j 08:41	1°♈29'36	45°44'13
	-8840 May 21 j 23:18	0°♉	
greatest brilliancy	-8840 May 21 j 20:30	29°♈57'39	-4.8m
desc. node	-8840 May 26 j 06:36	1°♉09'01	
retrograde	-8840 May 31 j 14:50	1°♉41'00	
	-8840 Jun 09 j 22:28	30°℞♈	
evening set	-8840 Jun 15 j 20:43	27°♈19'58	
inferior conj	-8840 Jun 21 j 12:13	24°♈05'55	-5°52'56
minimum elong	-8840 Jun 21 j 01:47	24°♈21'28	5°50'21
min. Earth dist.	-8840 Jun 21 j 12:52	24°♈04'58	0.26846 AU
morning rise	-8840 Jun 26 j 06:24	21°♈19'41	
direct	-8840 Jul 12 j 05:16	16°♈27'59	
greatest brilliancy	-8840 Jul 23 j 04:11	18°♈41'01	-4.9m
	-8840 Aug 10 j 13:34	0°♉	
morning max el	-8840 Aug 31 j 20:26	19°♉39'14	46°45'44
	-8840 Sep 10 j 16:07	0°♊	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

asc. node	-8840 Sep 15 j 08:56	5°♊08'01	
	-8840 Oct 07 j 04:47	0°♋	
	-8840 Nov 01 j 12:31	0°♌	
	-8840 Nov 26 j 12:02	0°♍	
	-8840 Dec 21 j 10:08	0°♎	
desc. node	-8839 Jan 06 j 01:04	18°♎49'19	
	-8839 Jan 15 j 07:28	0°♏	
	-8839 Feb 09 j 02:20	0°♐	
morning set	-8839 Mar 05 j 11:46	29°♐43'48	
	-8839 Mar 05 j 17:03	0°♑	
	-8839 Mar 30 j 03:06	0°♒	
max. Earth dist.	-8839 Apr 05 j 15:16	8°♒02'00	1.73148 AU
superior conj	-8839 Apr 09 j 18:30	13°♒08'44	-0°40'09
minimum elong	-8839 Apr 10 j 01:15	13°♒29'36	0°40'20
	-8839 Apr 23 j 09:00	0°♓	
asc. node	-8839 Apr 27 j 20:33	5°♓33'49	
evening rise	-8839 May 15 j 08:04	27°♓18'51	
	-8839 May 17 j 11:49	0°♈	
	-8839 Jun 10 j 12:55	0°♉	
	-8839 Jul 04 j 14:04	0°♊	
	-8839 Jul 28 j 17:30	0°♋	
desc. node	-8839 Aug 18 j 12:32	25°♋38'21	
	-8839 Aug 22 j 01:56	0°♌	
	-8839 Sep 15 j 19:00	0°♍	
	-8839 Oct 11 j 03:44	0°♎	
	-8839 Nov 06 j 23:07	0°♏	
evening max el	-8839 Nov 17 j 23:00	11°♏22'23	45°54'58
asc. node	-8839 Dec 08 j 14:37	29°♏59'33	
	-8839 Dec 08 j 14:51	0°♐	
greatest brilliancy	-8839 Dec 26 j 06:00	10°♐40'02	-4.7m
retrograde	-8838 Jan 06 j 09:42	12°♐58'24	
evening set	-8838 Jan 23 j 19:53	7°♐06'08	
inferior conj	-8838 Jan 27 j 20:30	4°♐34'27	7°59'14
minimum elong	-8838 Jan 27 j 17:36	4°♐39'06	7°58'38
min. Earth dist.	-8838 Jan 27 j 22:18	4°♐31'35	0.29585 AU
morning rise	-8838 Jan 31 j 15:20	2°♐11'13	
	-8838 Feb 04 j 10:26	30°℞♏	
direct	-8838 Feb 18 j 15:58	26°♏02'05	
greatest brilliancy	-8838 Feb 28 j 09:51	27°♏44'25	-4.7m
	-8838 Mar 05 j 21:49	0°♐	
desc. node	-8838 Mar 31 j 11:37	18°♐18'15	
morning max el	-8838 Apr 08 j 15:46	25°♐49'47	46°01'20
	-8838 Apr 12 j 23:01	0°♑	
	-8838 May 11 j 08:15	0°♒	
	-8838 Jun 06 j 09:47	0°♓	
	-8838 Jul 01 j 07:40	0°♈	
asc. node	-8838 Jul 21 j 10:28	24°♈51'00	
	-8838 Jul 25 j 13:34	0°♉	
	-8838 Aug 18 j 10:59	0°♊	
	-8838 Sep 11 j 05:45	0°♋	
	-8838 Oct 05 j 02:15	0°♌	
morning set	-8838 Oct 09 j 10:49	5°♌27'29	
	-8838 Oct 29 j 02:49	0°♍	
desc. node	-8838 Nov 11 j 00:13	16°♍00'05	
superior conj	-8838 Nov 20 j 14:28	27°♍52'35	-0°21'32
minimum elong	-8838 Nov 20 j 09:09	27°♍36'11	0°21'12
	-8838 Nov 22 j 07:42	0°♎	
max. Earth dist.	-8838 Nov 24 j 16:27	2°♎55'17	1.72702 AU
	-8838 Dec 16 j 15:41	0°♏	
evening rise	-8838 Dec 30 j 06:33	16°♏44'42	
	-8837 Jan 10 j 01:44	0°♐	
	-8837 Feb 03 j 14:00	0°♑	
	-8837 Feb 28 j 06:01	0°♒	
asc. node	-8837 Mar 02 j 21:29	3°♒11'57	
	-8837 Mar 25 j 04:04	0°♓	
	-8837 Apr 19 j 10:50	0°♈	
	-8837 May 15 j 07:15	0°♉	
	-8837 Jun 11 j 07:05	0°♊	
desc. node	-8837 Jun 23 j 16:55	12°♊57'31	
evening max el	-8837 Jun 26 j 04:43	15°♊27'40	47°25'45
	-8837 Jul 11 j 17:25	0°♋	
greatest brilliancy	-8837 Aug 06 j 17:39	16°♋46'02	-4.9m
retrograde	-8837 Aug 15 j 22:58	18°♋23'41	
evening set	-8837 Sep 02 j 02:29	12°♋39'36	
inferior conj	-8837 Sep 05 j 14:37	10°♋31'41	-7°53'14
minimum elong	-8837 Sep 05 j 23:34	10°♋17'55	7°51'18
min. Earth dist.	-8837 Sep 05 j 07:01	10°♋43'23	0.26645 AU
morning rise	-8837 Sep 09 j 20:50	7°♋58'12	
direct	-8837 Sep 25 j 19:24	2°♋55'03	
greatest brilliancy	-8837 Oct 05 j 16:35	4°♋48'27	-4.9m
asc. node	-8837 Oct 13 j 19:51	8°♋43'43	
	-8837 Nov 09 j 04:25	0°♌	
morning max el	-8837 Nov 14 j 23:17	5°♌40'32	46°24'16
	-8837 Dec 08 j 00:36	0°♍	
	-8836 Jan 03 j 18:15	0°♎	
	-8836 Jan 29 j 17:23	0°♏	
desc. node	-8836 Feb 03 j 14:06	5°♏41'13	
	-8836 Feb 24 j 04:55	0°♐	
	-8836 Mar 20 j 06:13	0°♑	
	-8836 Apr 13 j 22:01	0°♒	
	-8836 May 08 j 05:36	0°♓	
morning set	-8836 May 10 j 21:38	3°♓18'48	
asc. node	-8836 May 25 j 09:47	21°♓23'41	
	-8836 Jun 01 j 06:46	0°♈	
max. Earth dist.	-8836 Jun 13 j 04:23	14°♈56'13	1.71413 AU
superior conj	-8836 Jun 16 j 14:53	19°♈15'35	0°48'42
minimum elong	-8836 Jun 16 j 06:14	18°♈48'23	0°48'28
	-8836 Jun 25 j 03:37	0°♉	
	-8836 Jul 18 j 22:37	0°♊	
evening rise	-8836 Jul 25 j 03:41	7°♊49'49	
	-8836 Aug 11 j 18:23	0°♋	
	-8836 Sep 04 j 17:16	0°♌	
desc. node	-8836 Sep 15 j 00:32	12°♌49'48	
	-8836 Sep 28 j 20:55	0°♍	
	-8836 Oct 23 j 06:47	0°♎	
	-8836 Nov 17 j 01:39	0°♏	
	-8836 Dec 12 j 12:46	0°♐	
asc. node	-8835 Jan 05 j 01:05	26°♐22'30	
	-8835 Jan 08 j 10:03	0°♑	
evening max el	-8835 Jan 27 j 22:01	19°♑47'26	44°55'52
	-8835 Feb 08 j 05:50	0°♒	
greatest brilliancy	-8835 Mar 06 j 11:31	16°♒41'30	-4.7m
retrograde	-8835 Mar 16 j 19:27	18°♒34'12	
evening set	-8835 Apr 01 j 15:59	13°♒53'00	
inferior conj	-8835 Apr 07 j 03:06	10°♒39'00	4°31'11
minimum elong	-8835 Apr 07 j 11:25	10°♒26'14	4°28'46
min. Earth dist.	-8835 Apr 08 j 07:29	9°♒55'27	0.28608 AU
morning rise	-8835 Apr 13 j 06:03	7°♒01'13	
desc. node	-8835 Apr 27 j 22:18	2°♒24'44	
direct	-8835 Apr 28 j 22:40	2°♒23'33	
greatest brilliancy	-8835 May 10 j 09:21	4°♒44'04	-4.8m
	-8835 Jun 13 j 21:50	0°♓	
morning max el	-8835 Jun 17 j 20:54	3°♓51'54	46°29'21
	-8835 Jul 12 j 10:05	0°♈	
	-8835 Aug 07 j 04:47	0°♉	
asc. node	-8835 Aug 17 j 23:13	12°♉59'14	
	-8835 Aug 31 j 21:00	0°♊	
	-8835 Sep 25 j 02:20	0°♋	
	-8835 Oct 19 j 05:36	0°♌	
	-8835 Nov 12 j 11:25	0°♍	
	-8835 Dec 06 j 20:50	0°♎	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

desc. node	-8835 Dec 08 j 13:47	2°♎05'36	
morning set	-8835 Dec 24 j 02:49	21°♎08'27	
	-8835 Dec 31 j 08:30	0°♏	
	-8834 Jan 24 j 20:20	0°♐	
max. Earth dist.	-8834 Jan 30 j 01:15	6°♐22'49	1.73772 AU
superior conj	-8834 Jan 31 j 05:04	7°♐48'05	-1°21'08
minimum elong	-8834 Jan 31 j 03:41	7°♐43'51	1°21'37
	-8834 Feb 18 j 07:08	0°♑	
evening rise	-8834 Mar 08 j 01:29	21°♑49'42	
	-8834 Mar 14 j 16:59	0°♒	
asc. node	-8834 Mar 30 j 09:43	19°♒17'49	
	-8834 Apr 08 j 02:43	0°♓	
	-8834 May 02 j 13:17	0°♈	
	-8834 May 27 j 01:50	0°♉	
	-8834 Jun 20 j 18:28	0°♊	
	-8834 Jul 15 j 19:41	0°♋	
desc. node	-8834 Jul 21 j 03:28	6°♋17'07	
	-8834 Aug 10 j 15:03	0°♌	
evening max el	-8834 Sep 06 j 04:26	28°♌51'02	47°33'11
	-8834 Sep 07 j 07:31	0°♍	
	-8834 Oct 14 j 21:27	0°♎	
greatest brilliancy	-8834 Oct 16 j 18:29	0°♎47'00	-4.9m
retrograde	-8834 Oct 27 j 08:01	2°♎55'57	
	-8834 Nov 08 j 04:27	30°℞♍	
asc. node	-8834 Nov 10 j 06:25	28°♍55'49	
evening set	-8834 Nov 11 j 03:18	28°♍26'45	
min. Earth dist.	-8834 Nov 16 j 11:33	25°♍09'32	0.27914 AU
inferior conj	-8834 Nov 17 j 07:36	24°♍37'16	1°41'12
minimum elong	-8834 Nov 17 j 04:08	24°♍42'51	1°40'18
morning rise	-8834 Nov 23 j 05:56	20°♍58'28	
direct	-8834 Dec 08 j 03:24	16°♍32'26	
greatest brilliancy	-8834 Dec 17 j 01:06	18°♍01'32	-4.8m
	-8833 Jan 06 j 20:18	0°♎	
morning max el	-8833 Jan 25 j 22:22	16°♎37'19	45°58'10
	-8833 Feb 08 j 10:17	0°♏	
desc. node	-8833 Mar 03 j 02:23	24°♏10'18	
	-8833 Mar 08 j 08:47	0°♐	
	-8833 Apr 03 j 16:18	0°♑	
	-8833 Apr 29 j 00:57	0°♒	
	-8833 May 23 j 17:34	0°♓	
	-8833 Jun 16 j 22:36	0°♈	
asc. node	-8833 Jun 22 j 23:23	7°♈32'51	
	-8833 Jul 10 j 19:52	0°♉	
greatest brilliancy	-8833 Jul 12 j 07:58	1°♉53'53	-3.9m
morning set	-8833 Jul 21 j 17:14	13°♉45'29	
	-8833 Aug 03 j 13:11	0°♊	
	-8833 Aug 27 j 06:16	0°♋	
superior conj	-8833 Aug 31 j 07:32	5°♋07'01	1°17'24
minimum elong	-8833 Aug 31 j 15:35	5°♋32'27	1°17'49
max. Earth dist.	-8833 Sep 05 j 09:01	11°♋30'05	1.70885 AU
	-8833 Sep 20 j 02:01	0°♌	
evening rise	-8833 Oct 13 j 12:42	29°♌18'38	
desc. node	-8833 Oct 13 j 13:06	29°♌19'52	
	-8833 Oct 14 j 02:00	0°♍	
	-8833 Nov 07 j 06:26	0°♎	
	-8833 Dec 01 j 15:18	0°♏	
	-8833 Dec 26 j 05:42	0°♐	
	-8832 Jan 20 j 05:04	0°♑	
asc. node	-8832 Feb 02 j 12:03	15°♑41'21	
	-8832 Feb 14 j 19:51	0°♒	
	-8832 Mar 12 j 13:55	0°♓	
evening max el	-8832 Apr 09 j 21:40	29°♓08'14	45°41'01
	-8832 Apr 10 j 19:27	0°♈	
greatest brilliancy	-8832 May 19 j 07:33	27°♈31'01	-4.8m
desc. node	-8832 May 25 j 08:54	28°♈59'25	
retrograde	-8832 May 29 j 03:07	29°♈15'28	
evening set	-8832 Jun 13 j 05:55	24°♈57'54	
inferior conj	-8832 Jun 19 j 00:31	21°♈40'06	-5°34'40
minimum elong	-8832 Jun 18 j 14:15	21°♈55'20	5°32'04
min. Earth dist.	-8832 Jun 19 j 02:06	21°♈37'44	0.26881 AU
morning rise	-8832 Jun 23 j 22:08	18°♈49'28	
direct	-8832 Jul 09 j 18:18	14°♈01'09	
greatest brilliancy	-8832 Jul 20 j 18:42	16°♈15'49	-4.9m
	-8832 Aug 11 j 02:54	0°♉	
morning max el	-8832 Aug 29 j 09:59	17°♉11'58	46°45'55
	-8832 Sep 10 j 11:54	0°♊	
asc. node	-8832 Sep 14 j 11:07	4°♊22'04	
	-8832 Oct 06 j 20:28	0°♋	
	-8832 Nov 01 j 02:24	0°♌	
	-8832 Nov 26 j 00:53	0°♍	
	-8832 Dec 20 j 22:17	0°♎	
desc. node	-8831 Jan 05 j 03:15	18°♎20'09	
	-8831 Jan 14 j 19:08	0°♏	
	-8831 Feb 08 j 13:40	0°♐	
morning set	-8831 Mar 03 j 06:51	27°♐41'18	
	-8831 Mar 05 j 04:11	0°♑	
	-8831 Mar 29 j 14:10	0°♒	
max. Earth dist.	-8831 Apr 03 j 14:33	6°♒11'29	1.73196 AU
superior conj	-8831 Apr 07 j 14:05	11°♒06'39	-0°42'42
minimum elong	-8831 Apr 07 j 21:07	11°♒28'22	0°42'52
	-8831 Apr 22 j 20:07	0°♓	
asc. node	-8831 Apr 26 j 22:40	5°♓05'47	
evening rise	-8831 May 13 j 02:45	25°♓12'28	
	-8831 May 16 j 23:06	0°♈	
	-8831 Jun 10 j 00:27	0°♉	
	-8831 Jul 04 j 01:55	0°♊	
	-8831 Jul 28 j 05:43	0°♋	
desc. node	-8831 Aug 17 j 14:42	25°♋06'17	
	-8831 Aug 21 j 14:39	0°♌	
	-8831 Sep 15 j 08:31	0°♍	
	-8831 Oct 10 j 18:47	0°♎	
	-8831 Nov 06 j 17:57	0°♏	
evening max el	-8831 Nov 15 j 15:33	9°♏09'48	45°58'25
asc. node	-8831 Dec 07 j 17:01	28°♏53'47	
	-8831 Dec 09 j 04:36	0°♐	
greatest brilliancy	-8831 Dec 23 j 22:43	8°♐31'34	-4.7m
retrograde	-8830 Jan 04 j 03:57	10°♐51'15	
evening set	-8830 Jan 21 j 11:49	5°♐00'48	
inferior conj	-8830 Jan 25 j 13:56	2°♐26'37	7°56'12
minimum elong	-8830 Jan 25 j 10:26	2°♐32'13	7°55'32
min. Earth dist.	-8830 Jan 25 j 13:55	2°♐26'39	0.29566 AU
morning rise	-8830 Jan 29 j 09:08	0°♐02'53	
	-8830 Jan 29 j 11:01	30°℞♏	
direct	-8830 Feb 16 j 09:17	23°♏54'39	
greatest brilliancy	-8830 Feb 26 j 00:31	25°♏35'15	-4.7m
	-8830 Mar 07 j 14:46	0°♐	
desc. node	-8830 Mar 30 j 13:41	17°♐24'41	
morning max el	-8830 Apr 06 j 09:01	23°♐42'55	46°00'42
	-8830 Apr 12 j 19:37	0°♑	
	-8830 May 10 j 23:37	0°♒	
	-8830 Jun 05 j 23:13	0°♓	
	-8830 Jun 30 j 20:12	0°♈	
asc. node	-8830 Jul 20 j 12:39	24°♈19'57	
	-8830 Jul 25 j 01:39	0°♉	
	-8830 Aug 17 j 22:48	0°♊	
	-8830 Sep 10 j 17:24	0°♋	
	-8830 Oct 04 j 13:45	0°♌	
morning set	-8830 Oct 06 j 20:28	2°♌51'25	
	-8830 Oct 28 j 14:14	0°♍	
desc. node	-8830 Nov 10 j 02:23	15°♍31'38	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

superior conj	-8830 Nov 18 j 01:28	25°♍23'08	-0°17'57
minimum elong	-8830 Nov 17 j 20:58	25°♍09'14	0°17'38
	-8830 Nov 21 j 19:01	0°♎	
max. Earth dist.	-8830 Nov 22 j 09:21	0°♎44'17	1.72644 AU
	-8830 Dec 16 j 02:58	0°♏	
evening rise	-8830 Dec 27 j 22:13	14°♏30'48	
	-8829 Jan 09 j 13:01	0°♐	
	-8829 Feb 03 j 01:25	0°♑	
	-8829 Feb 27 j 17:47	0°♒	
asc. node	-8829 Mar 01 j 23:37	2°♒42'42	
	-8829 Mar 24 j 16:29	0°♓	
	-8829 Apr 19 j 00:23	0°♈	
	-8829 May 14 j 22:48	0°♉	
	-8829 Jun 11 j 02:51	0°♊	
desc. node	-8829 Jun 22 j 19:10	12°♊04'25	
evening max el	-8829 Jun 23 j 19:08	13°♊04'14	47°22'54
	-8829 Jul 12 j 04:46	0°♋	
greatest brilliancy	-8829 Aug 04 j 05:56	14°♋14'51	-4.9m
retrograde	-8829 Aug 13 j 11:48	15°♋52'16	
evening set	-8829 Aug 30 j 17:56	10°♋04'36	
inferior conj	-8829 Sep 03 j 03:00	8°♋01'13	-8°04'19
minimum elong	-8829 Sep 03 j 11:28	7°♋48'12	8°02'34
min. Earth dist.	-8829 Sep 02 j 19:13	8°♋13'10	0.26631 AU
morning rise	-8829 Sep 07 j 05:10	5°♋33'42	
direct	-8829 Sep 23 j 08:17	0°♋25'32	
greatest brilliancy	-8829 Oct 03 j 05:01	2°♋18'32	-4.9m
asc. node	-8829 Oct 12 j 22:03	7°♋11'25	
	-8829 Nov 09 j 05:52	0°♌	
morning max el	-8829 Nov 12 j 12:48	3°♌15'41	46°25'15
	-8829 Dec 07 j 17:54	0°♍	
	-8828 Jan 03 j 08:39	0°♎	
	-8828 Jan 29 j 06:19	0°♏	
desc. node	-8828 Feb 02 j 16:11	5°♏09'59	
	-8828 Feb 23 j 17:00	0°♐	
	-8828 Mar 19 j 17:46	0°♑	
	-8828 Apr 13 j 09:16	0°♒	
	-8828 May 07 j 16:43	0°♓	
morning set	-8828 May 08 j 16:05	1°♓12'30	
asc. node	-8828 May 24 j 12:05	20°♓56'10	
	-8828 May 31 j 17:53	0°♈	
max. Earth dist.	-8828 Jun 10 j 15:04	12°♈24'04	1.71472 AU
superior conj	-8828 Jun 14 j 06:55	17°♈00'03	0°45'57
minimum elong	-8828 Jun 13 j 22:35	16°♈33'53	0°45'42
	-8828 Jun 24 j 14:49	0°♉	
	-8828 Jul 18 j 09:56	0°♊	
evening rise	-8828 Jul 22 j 15:33	5°♊20'12	
	-8828 Aug 11 j 05:52	0°♋	
	-8828 Sep 04 j 04:57	0°♌	
desc. node	-8828 Sep 14 j 02:33	12°♌19'34	
	-8828 Sep 28 j 08:50	0°♍	
	-8828 Oct 22 j 19:01	0°♎	
	-8828 Nov 16 j 14:29	0°♏	
	-8828 Dec 12 j 02:54	0°♐	
asc. node	-8827 Jan 04 j 03:21	25°♐43'26	
	-8827 Jan 08 j 03:26	0°♑	
evening max el	-8827 Jan 25 j 12:31	17°♑33'27	44°56'10
	-8827 Feb 08 j 12:22	0°♒	
greatest brilliancy	-8827 Mar 04 j 03:02	14°♒31'28	-4.7m
retrograde	-8827 Mar 14 j 10:08	16°♒24'01	
evening set	-8827 Mar 30 j 09:51	11°♒38'53	
inferior conj	-8827 Apr 04 j 18:44	8°♒27'51	4°47'07
minimum elong	-8827 Apr 05 j 03:17	8°♒14'42	4°44'40
min. Earth dist.	-8827 Apr 05 j 23:37	7°♒43'26	0.28674 AU
morning rise	-8827 Apr 10 j 19:51	4°♒51'55	
direct	-8827 Apr 26 j 14:17	0°♒11'03	
desc. node	-8827 Apr 27 j 00:36	0°♒11'15	
greatest brilliancy	-8827 May 08 j 01:12	2°♒31'04	-4.8m
	-8827 Jun 13 j 21:29	0°♓	
morning max el	-8827 Jun 15 j 11:12	1°♓32'44	46°28'29
	-8827 Jul 12 j 02:33	0°♈	
	-8827 Aug 06 j 18:50	0°♉	
asc. node	-8827 Aug 17 j 01:23	12°♉24'50	
	-8827 Aug 31 j 09:54	0°♊	
	-8827 Sep 24 j 14:37	0°♋	
	-8827 Oct 18 j 17:30	0°♌	
	-8827 Nov 11 j 23:01	0°♍	
	-8827 Dec 06 j 08:11	0°♎	
desc. node	-8827 Dec 07 j 15:58	1°♎37'32	
morning set	-8827 Dec 21 j 16:50	18°♎50'09	
	-8827 Dec 30 j 19:37	0°♏	
	-8826 Jan 24 j 07:18	0°♐	
max. Earth dist.	-8826 Jan 27 j 20:48	4°♐22'01	1.73761 AU
superior conj	-8826 Jan 28 j 22:50	5°♐41'50	-1°20'50
minimum elong	-8826 Jan 28 j 20:49	5°♐35'37	1°21'20
	-8826 Feb 17 j 18:05	0°♑	
evening rise	-8826 Mar 05 j 20:49	19°♑47'46	
	-8826 Mar 14 j 04:02	0°♒	
asc. node	-8826 Mar 29 j 11:53	18°♒50'09	
	-8826 Apr 07 j 14:01	0°♓	
	-8826 May 02 j 00:58	0°♈	
	-8826 May 26 j 14:03	0°♉	
	-8826 Jun 20 j 07:28	0°♊	
	-8826 Jul 15 j 09:55	0°♋	
desc. node	-8826 Jul 20 j 05:38	5°♋40'40	
	-8826 Aug 10 j 07:39	0°♌	
evening max el	-8826 Sep 03 j 18:41	26°♌28'26	47°35'13
	-8826 Sep 07 j 06:25	0°♍	
greatest brilliancy	-8826 Oct 14 j 12:15	28°♍30'32	-4.9m
	-8826 Oct 19 j 09:04	0°♎	
retrograde	-8826 Oct 24 j 23:38	0°♎37'56	
	-8826 Oct 30 j 10:57	30°℞♍	
evening set	-8826 Nov 08 j 19:00	26°♍09'02	
asc. node	-8826 Nov 09 j 08:50	25°♍49'14	
min. Earth dist.	-8826 Nov 14 j 03:49	22°♍51'22	0.27848 AU
inferior conj	-8826 Nov 14 j 23:17	22°♍20'05	1°20'52
minimum elong	-8826 Nov 14 j 20:29	22°♍24'35	1°20'11
morning rise	-8826 Nov 20 j 22:53	18°♍39'37	
direct	-8826 Dec 05 j 17:36	14°♍16'13	
greatest brilliancy	-8826 Dec 14 j 17:08	15°♍46'41	-4.8m
	-8825 Jan 07 j 07:36	0°♎	
morning max el	-8825 Jan 23 j 13:18	14°♎23'45	45°58'43
	-8825 Feb 08 j 04:47	0°♏	
desc. node	-8825 Mar 02 j 04:29	23°♏34'34	
	-8825 Mar 07 j 23:17	0°♐	
	-8825 Apr 03 j 05:07	0°♑	
	-8825 Apr 28 j 12:54	0°♒	
	-8825 May 23 j 05:05	0°♓	
	-8825 Jun 16 j 09:53	0°♈	
asc. node	-8825 Jun 22 j 01:30	7°♈04'09	
	-8825 Jul 10 j 07:03	0°♉	
greatest brilliancy	-8825 Jul 11 j 18:23	1°♉51'27	-3.9m
morning set	-8825 Jul 19 j 05:50	11°♉18'15	
	-8825 Aug 03 j 00:20	0°♊	
	-8825 Aug 26 j 17:26	0°♋	
superior conj	-8825 Aug 28 j 17:02	2°♋30'20	1°18'46
minimum elong	-8825 Aug 29 j 00:13	2°♋53'01	1°19'13
max. Earth dist.	-8825 Sep 02 j 10:13	8°♋27'26	1.70852 AU
	-8825 Sep 19 j 13:11	0°♌	
evening rise	-8825 Oct 10 j 21:03	26°♌40'21	
desc. node	-8825 Oct 12 j 15:21	28°♌52'03	
	-8825 Oct 13 j 13:10	0°♍	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8825 Nov 06 j 17:39	0°♎	
	-8825 Dec 01 j 02:40	0°♏	
	-8825 Dec 25 j 17:23	0°♐	
	-8824 Jan 19 j 17:23	0°♑	
asc. node	-8824 Feb 01 j 14:12	15°♑09'59	
	-8824 Feb 14 j 09:29	0°♒	
	-8824 Mar 12 j 06:25	0°♓	
evening max el	-8824 Apr 07 j 11:30	26°♓50'01	45°37'58
	-8824 Apr 10 j 20:22	0°♈	
greatest brilliancy	-8824 May 16 j 18:12	25°♈05'06	-4.8m
desc. node	-8824 May 24 j 11:10	26°♈45'19	
retrograde	-8824 May 26 j 15:47	26°♈50'48	
evening set	-8824 Jun 10 j 15:21	22°♈36'34	
inferior conj	-8824 Jun 16 j 12:45	19°♈15'05	-5°15'44
minimum elong	-8824 Jun 16 j 02:46	19°♈29'54	5°13'10
min. Earth dist.	-8824 Jun 16 j 15:06	19°♈11'36	0.26918 AU
morning rise	-8824 Jun 21 j 13:44	16°♈20'07	
direct	-8824 Jul 07 j 07:49	11°♈35'14	
greatest brilliancy	-8824 Jul 18 j 08:40	13°♈50'43	-4.9m
	-8824 Aug 11 j 12:34	0°♉	
morning max el	-8824 Aug 27 j 00:18	14°♉47'42	46°46'11
	-8824 Sep 10 j 06:51	0°♊	
asc. node	-8824 Sep 13 j 13:15	3°♊37'28	
	-8824 Oct 06 j 11:34	0°♋	
	-8824 Oct 31 j 15:46	0°♌	
	-8824 Nov 25 j 13:15	0°♍	
	-8824 Dec 20 j 10:01	0°♎	
desc. node	-8823 Jan 04 j 05:18	17°♎51'43	
	-8823 Jan 14 j 06:26	0°♏	
	-8823 Feb 08 j 00:40	0°♐	
morning set	-8823 Mar 01 j 01:48	25°♐39'19	
	-8823 Mar 04 j 15:00	0°♑	
	-8823 Mar 29 j 00:54	0°♒	
max. Earth dist.	-8823 Apr 01 j 12:54	4°♒19'06	1.73240 AU
superior conj	-8823 Apr 05 j 09:31	9°♒05'07	-0°45'11
minimum elong	-8823 Apr 05 j 16:46	9°♒27'32	0°45'22
	-8823 Apr 22 j 06:54	0°♓	
asc. node	-8823 Apr 26 j 00:56	4°♓39'17	
evening rise	-8823 May 10 j 21:20	23°♓06'54	
	-8823 May 16 j 10:03	0°♈	
	-8823 Jun 09 j 11:41	0°♉	
	-8823 Jul 03 j 13:29	0°♊	
	-8823 Jul 27 j 17:41	0°♋	
desc. node	-8823 Aug 16 j 16:49	24°♋34'54	
	-8823 Aug 21 j 03:07	0°♌	
	-8823 Sep 14 j 21:46	0°♍	
	-8823 Oct 10 j 09:34	0°♎	
	-8823 Nov 06 j 12:43	0°♏	
evening max el	-8823 Nov 13 j 08:34	6°♏59'43	46°01'52
asc. node	-8823 Dec 06 j 19:10	27°♏47'20	
	-8823 Dec 09 j 22:08	0°♐	
greatest brilliancy	-8823 Dec 21 j 15:57	6°♐25'17	-4.8m
retrograde	-8822 Jan 01 j 22:06	8°♐45'32	
evening set	-8822 Jan 19 j 03:47	2°♐57'27	
inferior conj	-8822 Jan 23 j 07:30	0°♐20'25	7°52'32
minimum elong	-8822 Jan 23 j 03:26	0°♐26'56	7°51'49
min. Earth dist.	-8822 Jan 23 j 05:43	0°♐23'16	0.29544 AU
	-8822 Jan 23 j 20:14	30°℞♏	
morning rise	-8822 Jan 27 j 03:15	27°♏55'43	
direct	-8822 Feb 14 j 02:53	21°♏48'58	
greatest brilliancy	-8822 Feb 23 j 15:10	23°♏27'23	-4.7m
	-8822 Mar 08 j 18:23	0°♐	
desc. node	-8822 Mar 29 j 15:58	16°♐33'40	
morning max el	-8822 Apr 04 j 02:01	21°♐36'35	45°59'56
	-8822 Apr 12 j 15:11	0°♑	
	-8822 May 10 j 14:25	0°♒	
	-8822 Jun 05 j 12:13	0°♓	
	-8822 Jun 30 j 08:20	0°♈	
asc. node	-8822 Jul 19 j 14:45	23°♈49'47	
	-8822 Jul 24 j 13:21	0°♉	
	-8822 Aug 17 j 10:16	0°♊	
	-8822 Sep 10 j 04:43	0°♋	
morning set	-8822 Oct 04 j 06:08	0°♌16'16	
	-8822 Oct 04 j 00:57	0°♌	
	-8822 Oct 28 j 01:19	0°♍	
desc. node	-8822 Nov 09 j 04:33	15°♍04'12	
superior conj	-8822 Nov 15 j 12:28	22°♍54'42	-0°14'20
minimum elong	-8822 Nov 15 j 08:50	22°♍43'28	0°14'01
behind sun begin	-8822 Nov 14 j 19:30	22°♍02'09	
behind sun end	-8822 Nov 15 j 22:11	23°♍24'46	
max. Earth dist.	-8822 Nov 20 j 03:35	28°♍38'24	1.72578 AU
	-8822 Nov 21 j 05:59	0°♎	
	-8822 Dec 15 j 13:51	0°♏	
evening rise	-8822 Dec 25 j 13:57	12°♏18'19	
	-8821 Jan 08 j 23:54	0°♐	
	-8821 Feb 02 j 12:27	0°♑	
	-8821 Feb 27 j 05:13	0°♒	
asc. node	-8821 Mar 01 j 01:49	2°♒14'41	
	-8821 Mar 24 j 04:38	0°♓	
	-8821 Apr 18 j 13:43	0°♈	
	-8821 May 14 j 14:14	0°♉	
	-8821 Jun 10 j 22:50	0°♊	
evening max el	-8821 Jun 21 j 08:55	10°♊40'10	47°19'56
desc. node	-8821 Jun 21 j 21:17	11°♊10'50	
	-8821 Jul 12 j 19:14	0°♋	
greatest brilliancy	-8821 Aug 01 j 18:41	11°♋45'08	-4.9m
retrograde	-8821 Aug 11 j 00:00	13°♋21'33	
evening set	-8821 Aug 28 j 09:10	7°♋30'46	
inferior conj	-8821 Aug 31 j 15:20	5°♋31'39	-8°14'24
minimum elong	-8821 Aug 31 j 23:13	5°♋19'32	8°12'50
min. Earth dist.	-8821 Aug 31 j 07:42	5°♋43'24	0.26618 AU
morning rise	-8821 Sep 04 j 13:24	3°♋09'59	
	-8821 Sep 10 j 21:11	30°℞♊	
direct	-8821 Sep 20 j 20:41	27°♊56'44	
greatest brilliancy	-8821 Sep 30 j 17:56	29°♊49'47	-4.9m
	-8821 Oct 01 j 04:53	0°♋	
asc. node	-8821 Oct 12 j 00:26	5°♋43'15	
	-8821 Nov 09 j 05:49	0°♌	
morning max el	-8821 Nov 10 j 01:32	0°♌49'23	46°26'22
	-8821 Dec 07 j 10:34	0°♍	
	-8820 Jan 02 j 22:35	0°♎	
	-8820 Jan 28 j 18:50	0°♏	
desc. node	-8820 Feb 01 j 18:18	4°♏39'57	
	-8820 Feb 23 j 04:41	0°♐	
	-8820 Mar 19 j 04:58	0°♑	
	-8820 Apr 12 j 20:13	0°♒	
morning set	-8820 May 06 j 10:34	29°♒07'10	
	-8820 May 07 j 03:36	0°♓	
asc. node	-8820 May 23 j 14:12	20°♓28'48	
	-8820 May 31 j 04:47	0°♈	
max. Earth dist.	-8820 Jun 08 j 03:06	9°♈56'51	1.71535 AU
superior conj	-8820 Jun 11 j 22:59	14°♈45'23	0°43'07
minimum elong	-8820 Jun 11 j 15:02	14°♈20'25	0°42'53
	-8820 Jun 24 j 01:48	0°♉	
	-8820 Jul 17 j 21:03	0°♊	
evening rise	-8820 Jul 20 j 03:35	2°♊51'48	
	-8820 Aug 10 j 17:09	0°♋	
	-8820 Sep 03 j 16:26	0°♌	
desc. node	-8820 Sep 13 j 04:48	11°♌50'37	
	-8820 Sep 27 j 20:33	0°♍	
	-8820 Oct 22 j 07:05	0°♎	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8820 Nov 16 j 03:11	0°♏	
	-8820 Dec 11 j 16:55	0°♐	
asc. node	-8819 Jan 03 j 05:33	25°♐04'33	
	-8819 Jan 07 j 20:54	0°♑	
evening max el	-8819 Jan 23 j 02:51	15°♑20'03	44°56'46
	-8819 Feb 08 j 20:48	0°♒	
greatest brilliancy	-8819 Mar 01 j 18:08	12°♒22'33	-4.7m
retrograde	-8819 Mar 12 j 01:27	14°♒15'56	
evening set	-8819 Mar 28 j 04:03	9°♒26'29	
inferior conj	-8819 Apr 02 j 10:42	6°♒18'31	5°02'14
minimum elong	-8819 Apr 02 j 19:26	6°♒05'05	4°59'49
min. Earth dist.	-8819 Apr 03 j 15:55	5°♒33'33	0.28742 AU
morning rise	-8819 Apr 08 j 09:55	2°♒44'51	
	-8819 Apr 14 j 03:27	30°♑	
direct	-8819 Apr 24 j 06:10	28°♑00'15	
desc. node	-8819 Apr 26 j 02:50	28°♑04'11	
	-8819 May 04 j 19:54	0°♒	
greatest brilliancy	-8819 May 05 j 17:39	0°♒20'23	-4.8m
morning max el	-8819 Jun 13 j 02:28	29°♒16'47	46°27'25
	-8819 Jun 13 j 19:55	0°♓	
	-8819 Jul 11 j 18:38	0°♈	
	-8819 Aug 06 j 08:40	0°♉	
asc. node	-8819 Aug 16 j 03:34	11°♉50'55	
	-8819 Aug 30 j 22:40	0°♊	
	-8819 Sep 24 j 02:47	0°♋	
	-8819 Oct 18 j 05:17	0°♌	
	-8819 Nov 11 j 10:31	0°♍	
	-8819 Dec 05 j 19:25	0°♎	
desc. node	-8819 Dec 06 j 17:57	1°♎09'07	
morning set	-8819 Dec 19 j 06:37	16°♎31'14	
	-8819 Dec 30 j 06:38	0°♏	
	-8818 Jan 23 j 18:11	0°♐	
max. Earth dist.	-8818 Jan 25 j 15:37	2°♐19'13	1.73747 AU
superior conj	-8818 Jan 26 j 16:37	3°♐35'52	-1°20'27
minimum elong	-8818 Jan 26 j 13:57	3°♐27'43	1°20'54
	-8818 Feb 17 j 04:56	0°♑	
evening rise	-8818 Mar 03 j 16:20	17°♑46'53	
greatest brilliancy	-8818 Mar 03 j 23:22	18°♑08'29	-3.9m
	-8818 Mar 13 j 14:58	0°♒	
asc. node	-8818 Mar 28 j 14:11	18°♒23'18	
	-8818 Apr 07 j 01:11	0°♓	
	-8818 May 01 j 12:33	0°♈	
	-8818 May 26 j 02:15	0°♉	
	-8818 Jun 19 j 20:34	0°♊	
	-8818 Jul 15 j 00:23	0°♋	
desc. node	-8818 Jul 19 j 07:47	5°♋03'40	
	-8818 Aug 10 j 00:41	0°♌	
evening max el	-8818 Sep 01 j 09:22	24°♌06'31	47°37'13
	-8818 Sep 07 j 06:31	0°♍	
greatest brilliancy	-8818 Oct 12 j 05:22	26°♍12'19	-4.9m
retrograde	-8818 Oct 22 j 15:24	28°♍18'50	
evening set	-8818 Nov 06 j 10:35	23°♍49'45	
asc. node	-8818 Nov 08 j 10:57	22°♍38'45	
min. Earth dist.	-8818 Nov 11 j 19:38	20°♍32'11	0.27781 AU
inferior conj	-8818 Nov 12 j 14:41	20°♍01'38	1°00'16
minimum elong	-8818 Nov 12 j 12:35	20°♍05'01	0°59'47
morning rise	-8818 Nov 18 j 15:28	16°♍19'55	
direct	-8818 Dec 03 j 07:43	11°♍58'40	
greatest brilliancy	-8818 Dec 12 j 08:38	13°♍30'29	-4.8m
	-8817 Jan 07 j 16:09	0°♎	
morning max el	-8817 Jan 21 j 05:01	12°♎11'42	45°59'23
	-8817 Feb 07 j 22:56	0°♏	
desc. node	-8817 Mar 01 j 06:42	22°♏59'13	
	-8817 Mar 07 j 13:42	0°♐	
	-8817 Apr 02 j 17:53	0°♑	
	-8817 Apr 28 j 00:50	0°♒	
	-8817 May 22 j 16:34	0°♓	
	-8817 Jun 15 j 21:09	0°♈	
asc. node	-8817 Jun 21 j 03:36	6°♈35'30	
	-8817 Jul 09 j 18:15	0°♉	
greatest brilliancy	-8817 Jul 11 j 01:49	1°♉39'34	-3.9m
morning set	-8817 Jul 16 j 18:41	8°♉51'42	
	-8817 Aug 02 j 11:36	0°♊	
superior conj	-8817 Aug 26 j 02:23	29°♊52'32	1°19'57
minimum elong	-8817 Aug 26 j 08:38	0°♋12'16	1°20'26
	-8817 Aug 26 j 04:45	0°♋	
max. Earth dist.	-8817 Aug 30 j 13:18	5°♋30'02	1.70827 AU
	-8817 Sep 19 j 00:33	0°♌	
evening rise	-8817 Oct 08 j 04:46	23°♌59'24	
desc. node	-8817 Oct 11 j 17:29	28°♌23'18	
	-8817 Oct 13 j 00:33	0°♍	
	-8817 Nov 06 j 05:05	0°♎	
	-8817 Nov 30 j 14:14	0°♏	
	-8817 Dec 25 j 05:17	0°♐	
	-8816 Jan 19 j 05:58	0°♑	
asc. node	-8816 Jan 31 j 16:26	14°♑38'11	
	-8816 Feb 13 j 23:26	0°♒	
	-8816 Mar 11 j 23:24	0°♓	
evening max el	-8816 Apr 05 j 02:21	24°♓34'11	45°35'07
	-8816 Apr 10 j 22:41	0°♈	
greatest brilliancy	-8816 May 14 j 05:11	22°♈40'14	-4.8m
desc. node	-8816 May 23 j 13:14	24°♈26'22	
retrograde	-8816 May 24 j 04:31	24°♈26'50	
evening set	-8816 Jun 08 j 01:23	20°♈15'56	
inferior conj	-8816 Jun 14 j 01:16	16°♈50'55	-4°56'32
minimum elong	-8816 Jun 13 j 15:37	17°♈05'14	4°53'58
min. Earth dist.	-8816 Jun 14 j 04:14	16°♈46'30	0.26955 AU
morning rise	-8816 Jun 19 j 05:27	13°♈51'38	
direct	-8816 Jul 04 j 21:53	9°♈10'22	
greatest brilliancy	-8816 Jul 15 j 22:24	11°♈25'47	-4.9m
	-8816 Aug 11 j 19:41	0°♉	
morning max el	-8816 Aug 24 j 14:18	12°♉22'22	46°45'59
	-8816 Sep 10 j 01:30	0°♊	
asc. node	-8816 Sep 12 j 15:36	2°♊53'25	
	-8816 Oct 06 j 02:47	0°♋	
	-8816 Oct 31 j 05:23	0°♌	
	-8816 Nov 25 j 01:56	0°♍	
	-8816 Dec 19 j 22:04	0°♎	
desc. node	-8815 Jan 03 j 07:27	17°♎22'38	
	-8815 Jan 13 j 18:02	0°♏	
	-8815 Feb 07 j 11:58	0°♐	
morning set	-8815 Feb 26 j 20:27	23°♐35'37	
	-8815 Mar 04 j 02:06	0°♑	
	-8815 Mar 28 j 11:56	0°♒	
max. Earth dist.	-8815 Mar 30 j 09:24	2°♒20'14	1.73280 AU
superior conj	-8815 Apr 03 j 04:57	7°♒02'45	-0°47'36
minimum elong	-8815 Apr 03 j 12:24	7°♒25'46	0°47'49
	-8815 Apr 21 j 17:58	0°♓	
asc. node	-8815 Apr 25 j 03:01	4°♓11'21	
evening rise	-8815 May 08 j 16:05	21°♓01'08	
	-8815 May 15 j 21:17	0°♈	
	-8815 Jun 08 j 23:09	0°♉	
	-8815 Jul 03 j 01:16	0°♊	
	-8815 Jul 27 j 05:52	0°♋	
desc. node	-8815 Aug 15 j 19:03	24°♋03'07	
	-8815 Aug 20 j 15:52	0°♌	
	-8815 Sep 14 j 11:26	0°♍	
	-8815 Oct 10 j 00:58	0°♎	
	-8815 Nov 06 j 08:36	0°♏	
evening max el	-8815 Nov 11 j 01:07	4°♏46'43	46°05'16
asc. node	-8815 Dec 05 j 21:25	26°♏37'25	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8815 Dec 10 j 23:23	0°♐	
greatest brilliancy	-8815 Dec 19 j 09:43	4°♐17'31	-4.8m
retrograde	-8815 Dec 30 j 15:32	6°♐37'27	
evening set	-8814 Jan 16 j 19:21	0°♐52'15	
	-8814 Jan 18 j 05:11	30°℞♏	
inferior conj	-8814 Jan 21 j 00:51	28°♏12'07	7°48'16
minimum elong	-8814 Jan 20 j 20:13	28°♏19'34	7°47'29
min. Earth dist.	-8814 Jan 20 j 21:38	28°♏17'17	0.29517 AU
morning rise	-8814 Jan 24 j 21:17	25°♏46'04	
direct	-8814 Feb 11 j 20:00	19°♏41'17	
greatest brilliancy	-8814 Feb 21 j 05:55	21°♏17'44	-4.7m
	-8814 Mar 09 j 15:26	0°♐	
desc. node	-8814 Mar 28 j 18:11	15°♐42'07	
morning max el	-8814 Apr 01 j 17:55	19°♐26'22	45°59'14
	-8814 Apr 12 j 10:41	0°♑	
	-8814 May 10 j 05:27	0°♒	
	-8814 Jun 05 j 01:28	0°♓	
	-8814 Jun 29 j 20:45	0°♈	
asc. node	-8814 Jul 18 j 16:59	23°♈19'15	
	-8814 Jul 24 j 01:18	0°♉	
	-8814 Aug 16 j 21:58	0°♊	
	-8814 Sep 09 j 16:15	0°♋	
morning set	-8814 Oct 01 j 15:58	27°♋40'37	
	-8814 Oct 03 j 12:24	0°♌	
	-8814 Oct 27 j 12:43	0°♍	
desc. node	-8814 Nov 08 j 06:32	14°♍35'08	
superior conj	-8814 Nov 12 j 23:06	20°♍23'50	-0°10'39
minimum elong	-8814 Nov 12 j 20:23	20°♍15'26	0°10'21
behind sun begin	-8814 Nov 11 j 23:46	19°♍11'35	
behind sun end	-8814 Nov 13 j 17:00	21°♍19'17	
max. Earth dist.	-8814 Nov 17 j 21:09	26°♍29'12	1.72518 AU
	-8814 Nov 20 j 17:20	0°♎	
	-8814 Dec 15 j 01:09	0°♏	
evening rise	-8814 Dec 23 j 04:57	10°♏02'12	
	-8813 Jan 08 j 11:13	0°♐	
	-8813 Feb 01 j 23:57	0°♑	
	-8813 Feb 26 j 17:07	0°♒	
asc. node	-8813 Feb 28 j 04:06	1°♒45'36	
	-8813 Mar 23 j 17:16	0°♓	
	-8813 Apr 18 j 03:37	0°♈	
	-8813 May 14 j 06:20	0°♉	
	-8813 Jun 10 j 19:52	0°♊	
evening max el	-8813 Jun 18 j 21:52	8°♊12'59	47°16'59
desc. node	-8813 Jun 20 j 23:35	10°♊15'33	
	-8813 Jul 13 j 14:54	0°♋	
greatest brilliancy	-8813 Jul 30 j 07:57	9°♋15'21	-4.9m
retrograde	-8813 Aug 08 j 11:51	10°♋50'33	
evening set	-8813 Aug 26 j 00:17	4°♋56'55	
inferior conj	-8813 Aug 29 j 03:48	3°♋01'54	-8°23'31
minimum elong	-8813 Aug 29 j 11:00	2°♋50'49	8°22'08
min. Earth dist.	-8813 Aug 28 j 20:34	3°♋13'02	0.26604 AU
morning rise	-8813 Sep 01 j 21:50	0°♋46'02	
	-8813 Sep 03 j 06:11	30°℞♊	
direct	-8813 Sep 18 j 08:43	25°♊27'32	
greatest brilliancy	-8813 Sep 28 j 07:26	27°♊21'22	-4.9m
	-8813 Oct 04 j 03:22	0°♋	
asc. node	-8813 Oct 11 j 02:33	4°♋17'17	
morning max el	-8813 Nov 07 j 13:52	28°♋21'12	46°27'22
	-8813 Nov 09 j 04:58	0°♌	
	-8813 Dec 07 j 03:14	0°♍	
	-8812 Jan 02 j 12:45	0°♎	
	-8812 Jan 28 j 07:42	0°♏	
desc. node	-8812 Jan 31 j 20:30	4°♏09'01	
	-8812 Feb 22 j 16:45	0°♐	
	-8812 Mar 18 j 16:32	0°♑	
	-8812 Apr 12 j 07:31	0°♒	
morning set	-8812 May 04 j 04:49	27°♒00'05	
	-8812 May 06 j 14:48	0°♓	
asc. node	-8812 May 22 j 16:15	20°♓00'14	
	-8812 May 30 j 16:01	0°♈	
max. Earth dist.	-8812 Jun 05 j 17:31	7°♈36'09	1.71599 AU
superior conj	-8812 Jun 09 j 14:59	12°♈29'33	0°40'15
minimum elong	-8812 Jun 09 j 07:28	12°♈05'54	0°39'58
	-8812 Jun 23 j 13:07	0°♉	
	-8812 Jul 17 j 08:30	0°♊	
evening rise	-8812 Jul 17 j 15:56	0°♊23'26	
	-8812 Aug 10 j 04:45	0°♋	
	-8812 Sep 03 j 04:11	0°♌	
desc. node	-8812 Sep 12 j 06:58	11°♌20'41	
	-8812 Sep 27 j 08:31	0°♍	
	-8812 Oct 21 j 19:22	0°♎	
	-8812 Nov 15 j 16:08	0°♏	
	-8812 Dec 11 j 07:22	0°♐	
asc. node	-8811 Jan 02 j 07:49	24°♐24'26	
	-8811 Jan 07 j 15:10	0°♑	
evening max el	-8811 Jan 20 j 17:23	13°♑06'01	44°57'22
	-8811 Feb 09 j 09:02	0°♒	
greatest brilliancy	-8811 Feb 27 j 08:35	10°♒11'30	-4.7m
retrograde	-8811 Mar 09 j 17:13	12°♒06'21	
evening set	-8811 Mar 25 j 22:07	7°♒12'25	
inferior conj	-8811 Mar 31 j 02:30	4°♒07'34	5°16'53
minimum elong	-8811 Mar 31 j 11:22	3°♒53'55	5°14'31
min. Earth dist.	-8811 Apr 01 j 07:45	3°♒22'34	0.28811 AU
morning rise	-8811 Apr 05 j 23:45	0°♒36'34	
	-8811 Apr 07 j 02:32	30°℞♑	
direct	-8811 Apr 21 j 22:11	25°♑47'53	
desc. node	-8811 Apr 25 j 04:54	26°♑00'04	
greatest brilliancy	-8811 May 03 j 09:45	28°♑08'10	-4.8m
	-8811 May 07 j 14:18	0°♒	
morning max el	-8811 Jun 10 j 18:25	27°♒01'43	46°26'23
	-8811 Jun 13 j 17:54	0°♓	
	-8811 Jul 11 j 10:45	0°♈	
	-8811 Aug 05 j 22:38	0°♉	
asc. node	-8811 Aug 15 j 05:46	11°♉16'26	
	-8811 Aug 30 j 11:35	0°♊	
	-8811 Sep 23 j 15:06	0°♋	
	-8811 Oct 17 j 17:12	0°♌	
	-8811 Nov 10 j 22:07	0°♍	
	-8811 Dec 05 j 06:46	0°♎	
desc. node	-8811 Dec 05 j 20:08	0°♎41'01	
morning set	-8811 Dec 16 j 20:29	14°♎12'09	
	-8811 Dec 29 j 17:47	0°♏	
	-8810 Jan 23 j 05:14	0°♐	
max. Earth dist.	-8810 Jan 23 j 11:55	0°♐20'30	1.73738 AU
superior conj	-8810 Jan 24 j 10:19	1°♐29'10	-1°19'56
minimum elong	-8810 Jan 24 j 07:00	1°♐19'01	1°20'22
	-8810 Feb 16 j 15:58	0°♑	
evening rise	-8810 Mar 01 j 11:44	15°♑44'59	
greatest brilliancy	-8810 Mar 02 j 15:10	17°♑09'13	-3.9m
	-8810 Mar 13 j 02:09	0°♒	
asc. node	-8810 Mar 27 j 16:15	17°♒54'59	
	-8810 Apr 06 j 12:37	0°♓	
	-8810 May 01 j 00:23	0°♈	
	-8810 May 25 j 14:42	0°♉	
	-8810 Jun 19 j 09:56	0°♊	
	-8810 Jul 14 j 15:11	0°♋	
desc. node	-8810 Jul 18 j 10:03	4°♋26'07	
	-8810 Aug 09 j 18:12	0°♌	
evening max el	-8810 Aug 30 j 01:11	21°♌47'05	47°39'11
	-8810 Sep 07 j 07:55	0°♍	
greatest brilliancy	-8810 Oct 09 j 22:02	23°♍53'12	-4.9m

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

retrograde	-8810 Oct 20 j 07:39	25°♍59'23	
evening set	-8810 Nov 04 j 02:21	21°♍29'56	
asc. node	-8810 Nov 07 j 13:10	19°♍25'54	
min. Earth dist.	-8810 Nov 09 j 11:09	18°♍13'04	0.27712 AU
inferior conj	-8810 Nov 10 j 06:05	17°♍42'49	0°39'20
minimum elong	-8810 Nov 10 j 04:42	17°♍45'02	0°39'06
morning rise	-8810 Nov 16 j 07:56	14°♍00'14	
direct	-8810 Nov 30 j 22:17	9°♍40'59	
greatest brilliancy	-8810 Dec 09 j 23:37	11°♍13'38	-4.8m
	-8809 Jan 07 j 22:15	0°♎	
morning max el	-8809 Jan 18 j 21:24	10°♎01'20	46°00'00
	-8809 Feb 07 j 16:38	0°♏	
desc. node	-8809 Feb 28 j 08:51	22°♏24'00	
	-8809 Mar 07 j 03:57	0°♐	
	-8809 Apr 02 j 06:38	0°♑	
	-8809 Apr 27 j 12:50	0°♒	
	-8809 May 22 j 04:08	0°♓	
	-8809 Jun 15 j 08:31	0°♈	
asc. node	-8809 Jun 20 j 05:52	6°♈07'04	
	-8809 Jul 09 j 05:33	0°♉	
greatest brilliancy	-8809 Jul 10 j 06:50	1°♉19'46	-3.9m
morning set	-8809 Jul 14 j 07:36	6°♉25'14	
	-8809 Aug 01 j 22:53	0°♊	
superior conj	-8809 Aug 23 j 11:51	27°♊15'02	1°20'57
minimum elong	-8809 Aug 23 j 17:07	27°♊31'41	1°21'28
	-8809 Aug 25 j 16:05	0°♋	
max. Earth dist.	-8809 Aug 27 j 19:06	2°♋41'06	1.70802 AU
	-8809 Sep 18 j 11:54	0°♌	
evening rise	-8809 Oct 05 j 12:26	21°♌18'09	
desc. node	-8809 Oct 10 j 19:29	27°♌54'07	
	-8809 Oct 12 j 11:56	0°♍	
	-8809 Nov 05 j 16:31	0°♎	
	-8809 Nov 30 j 01:47	0°♏	
	-8809 Dec 24 j 17:07	0°♐	
	-8808 Jan 18 j 18:28	0°♑	
asc. node	-8808 Jan 30 j 18:44	14°♑06'45	
	-8808 Feb 13 j 13:23	0°♒	
	-8808 Mar 11 j 16:38	0°♓	
evening max el	-8808 Apr 02 j 17:16	22°♓18'40	45°32'02
	-8808 Apr 11 j 02:32	0°♈	
greatest brilliancy	-8808 May 11 j 16:40	20°♈15'59	-4.8m
retrograde	-8808 May 21 j 16:42	22°♈02'39	
desc. node	-8808 May 22 j 15:32	22°♈01'37	
evening set	-8808 Jun 05 j 11:38	17°♈55'03	
inferior conj	-8808 Jun 11 j 13:44	14°♈26'44	-4°36'44
minimum elong	-8808 Jun 11 j 04:31	14°♈40'27	4°34'15
min. Earth dist.	-8808 Jun 11 j 17:40	14°♈20'54	0.26994 AU
morning rise	-8808 Jun 16 j 20:59	11°♈23'03	
direct	-8808 Jul 02 j 11:46	6°♈45'30	
greatest brilliancy	-8808 Jul 13 j 12:14	9°♈00'45	-4.9m
	-8808 Aug 12 j 00:45	0°♉	
morning max el	-8808 Aug 22 j 03:17	9°♉54'28	46°45'54
	-8808 Sep 09 j 19:41	0°♊	
asc. node	-8808 Sep 11 j 17:45	2°♊09'28	
	-8808 Oct 05 j 17:43	0°♋	
	-8808 Oct 30 j 18:45	0°♌	
	-8808 Nov 24 j 14:24	0°♍	
	-8808 Dec 19 j 09:55	0°♎	
desc. node	-8807 Jan 02 j 09:37	16°♎54'12	
	-8807 Jan 13 j 05:27	0°♏	
	-8807 Feb 06 j 23:02	0°♐	
morning set	-8807 Feb 24 j 15:26	21°♐33'40	
	-8807 Mar 03 j 12:58	0°♑	
	-8807 Mar 27 j 22:44	0°♒	
max. Earth dist.	-8807 Mar 28 j 05:36	0°♒21'11	1.73322 AU
superior conj	-8807 Apr 01 j 00:44	5°♒02'18	-0°49'57
minimum elong	-8807 Apr 01 j 08:21	5°♒25'47	0°50'09
	-8807 Apr 21 j 04:51	0°♓	
asc. node	-8807 Apr 24 j 05:11	3°♓44'15	
evening rise	-8807 May 06 j 11:06	18°♓56'47	
	-8807 May 15 j 08:22	0°♈	
	-8807 Jun 08 j 10:32	0°♉	
	-8807 Jul 02 j 12:59	0°♊	
	-8807 Jul 26 j 17:59	0°♋	
desc. node	-8807 Aug 14 j 21:12	23°♋31'16	
	-8807 Aug 20 j 04:33	0°♌	
	-8807 Sep 14 j 01:02	0°♍	
	-8807 Oct 09 j 16:22	0°♎	
	-8807 Nov 06 j 04:47	0°♏	
evening max el	-8807 Nov 08 j 16:58	2°♏32'27	46°08'44
asc. node	-8807 Dec 04 j 23:46	25°♏26'40	
	-8807 Dec 12 j 10:31	0°♐	
greatest brilliancy	-8807 Dec 17 j 04:03	2°♐11'18	-4.8m
retrograde	-8807 Dec 28 j 08:50	4°♐30'41	
	-8806 Jan 12 j 10:16	30°℞♏	
evening set	-8806 Jan 14 j 11:01	28°♏48'33	
inferior conj	-8806 Jan 18 j 18:27	26°♏05'16	7°43'25
minimum elong	-8806 Jan 18 j 13:16	26°♏13'35	7°42'33
min. Earth dist.	-8806 Jan 18 j 14:07	26°♏12'13	0.29484 AU
morning rise	-8806 Jan 22 j 15:42	23°♏37'36	
direct	-8806 Feb 09 j 12:54	17°♏35'04	
greatest brilliancy	-8806 Feb 18 j 21:30	19°♏10'12	-4.7m
	-8806 Mar 10 j 06:29	0°♐	
desc. node	-8806 Mar 27 j 20:14	14°♐52'17	
morning max el	-8806 Mar 30 j 09:13	17°♐15'53	45°58'41
	-8806 Apr 12 j 05:12	0°♑	
	-8806 May 09 j 19:53	0°♒	
	-8806 Jun 04 j 14:19	0°♓	
	-8806 Jun 29 j 08:51	0°♈	
asc. node	-8806 Jul 17 j 19:09	22°♈49'17	
	-8806 Jul 23 j 13:02	0°♉	
	-8806 Aug 16 j 09:28	0°♊	
	-8806 Sep 09 j 03:37	0°♋	
morning set	-8806 Sep 29 j 01:26	25°♋04'16	
	-8806 Oct 02 j 23:40	0°♌	
	-8806 Oct 26 j 23:52	0°♍	
desc. node	-8806 Nov 07 j 08:46	14°♍07'38	
superior conj	-8806 Nov 10 j 09:27	17°♍52'54	-0°06'54
minimum elong	-8806 Nov 10 j 07:42	17°♍47'27	0°06'39
behind sun begin	-8806 Nov 09 j 07:13	16°♍31'36	
behind sun end	-8806 Nov 11 j 08:10	19°♍03'17	
max. Earth dist.	-8806 Nov 15 j 13:47	24°♍17'51	1.72450 AU
	-8806 Nov 20 j 04:24	0°♎	
	-8806 Dec 14 j 12:09	0°♏	
evening rise	-8806 Dec 20 j 19:50	7°♏46'32	
	-8805 Jan 07 j 22:15	0°♐	
	-8805 Feb 01 j 11:08	0°♑	
	-8805 Feb 26 j 04:42	0°♒	
asc. node	-8805 Feb 27 j 06:13	1°♒16'58	
	-8805 Mar 23 j 05:35	0°♓	
	-8805 Apr 17 j 17:11	0°♈	
	-8805 May 13 j 22:13	0°♉	
	-8805 Jun 10 j 17:10	0°♊	
evening max el	-8805 Jun 16 j 09:49	5°♊44'28	47°13'41
desc. node	-8805 Jun 20 j 01:47	9°♊19'52	
	-8805 Jul 14 j 16:55	0°♋	
greatest brilliancy	-8805 Jul 27 j 20:57	6°♋45'35	-4.9m
retrograde	-8805 Aug 05 j 23:22	8°♋19'49	
evening set	-8805 Aug 23 j 14:54	2°♋23'19	
inferior conj	-8805 Aug 26 j 16:02	0°♋32'10	-8°31'35
minimum elong	-8805 Aug 26 j 22:32	0°♋22'11	8°30'22

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

min. Earth dist.	-8805 Aug 26 j 09:22	0°♋42'24	0.26598 AU
	-8805 Aug 27 j 13:01	30℞♊	
morning rise	-8805 Aug 30 j 06:14	28°♊22'02	
direct	-8805 Sep 15 j 20:27	22°♊57'55	
greatest brilliancy	-8805 Sep 25 j 21:17	24°♊53'23	-4.9m
	-8805 Oct 05 j 21:55	0°♋	
asc. node	-8805 Oct 10 j 04:47	2°♋54'24	
morning max el	-8805 Nov 05 j 02:26	25°♋53'43	46°28'33
	-8805 Nov 09 j 03:05	0°♌	
	-8805 Dec 06 j 19:24	0°♍	
	-8804 Jan 02 j 02:30	0°♎	
	-8804 Jan 27 j 20:08	0°♏	
desc. node	-8804 Jan 30 j 22:36	3°♏38'55	
	-8804 Feb 22 j 04:25	0°♐	
	-8804 Mar 18 j 03:44	0°♑	
	-8804 Apr 11 j 18:28	0°♒	
morning set	-8804 May 01 j 23:41	24°♒56'10	
	-8804 May 06 j 01:38	0°♓	
asc. node	-8804 May 21 j 18:34	19°♓33'45	
	-8804 May 30 j 02:50	0°♈	
max. Earth dist.	-8804 Jun 03 j 10:49	5°♈25'51	1.71660 AU
superior conj	-8804 Jun 07 j 07:40	10°♈17'06	0°37'21
minimum elong	-8804 Jun 07 j 00:34	9°♈54'51	0°37'04
	-8804 Jun 23 j 00:02	0°♉	
evening rise	-8804 Jul 15 j 05:00	27°♉58'33	
	-8804 Jul 16 j 19:35	0°♊	
	-8804 Aug 09 j 16:02	0°♋	
	-8804 Sep 02 j 15:42	0°♌	
desc. node	-8804 Sep 11 j 09:00	10°♌51'01	
	-8804 Sep 26 j 20:17	0°♍	
	-8804 Oct 21 j 07:30	0°♎	
	-8804 Nov 15 j 04:58	0°♏	
	-8804 Dec 10 j 21:43	0°♐	
asc. node	-8803 Jan 01 j 10:05	23°♐44'38	
	-8803 Jan 07 j 09:34	0°♑	
evening max el	-8803 Jan 18 j 08:39	10°♑54'40	44°58'17
	-8803 Feb 10 j 00:45	0°♒	
greatest brilliancy	-8803 Feb 24 j 22:53	8°♒01'45	-4.7m
retrograde	-8803 Mar 07 j 09:30	9°♒58'18	
evening set	-8803 Mar 23 j 16:27	4°♒59'59	
inferior conj	-8803 Mar 28 j 18:28	1°♒58'06	5°31'07
minimum elong	-8803 Mar 29 j 03:25	1°♒44'20	5°28'46
min. Earth dist.	-8803 Mar 29 j 23:19	1°♒13'43	0.28875 AU
	-8803 Mar 31 j 23:47	30℞♑	
morning rise	-8803 Apr 03 j 13:38	28°♑30'02	
direct	-8803 Apr 19 j 14:54	23°♑37'13	
desc. node	-8803 Apr 24 j 07:13	24°♑01'56	
greatest brilliancy	-8803 May 01 j 01:23	25°♑56'58	-4.8m
	-8803 May 09 j 06:20	0°♒	
morning max el	-8803 Jun 08 j 11:06	24°♒50'05	46°25'28
	-8803 Jun 13 j 14:37	0°♓	
	-8803 Jul 11 j 02:10	0°♈	
	-8803 Aug 05 j 12:05	0°♉	
asc. node	-8803 Aug 14 j 07:56	10°♉43'16	
	-8803 Aug 30 j 00:05	0°♊	
	-8803 Sep 23 j 03:06	0°♋	
	-8803 Oct 17 j 04:52	0°♌	
	-8803 Nov 10 j 09:31	0°♍	
desc. node	-8803 Dec 04 j 22:17	0°♎13'23	
	-8803 Dec 04 j 17:56	0°♎	
morning set	-8803 Dec 14 j 09:46	11°♎51'39	
	-8803 Dec 29 j 04:45	0°♏	
max. Earth dist.	-8802 Jan 21 j 09:31	28°♏26'19	1.73723 AU
superior conj	-8802 Jan 22 j 03:31	29°♏21'32	-1°19'17
minimum elong	-8802 Jan 21 j 23:34	29°♏09'24	1°19'42
	-8802 Jan 22 j 16:04	0°♐	
	-8802 Feb 16 j 02:48	0°♑	
evening rise	-8802 Feb 27 j 06:59	13°♑43'25	
greatest brilliancy	-8802 Mar 01 j 08:20	16°♑14'58	-3.9m
	-8802 Mar 12 j 13:05	0°♒	
asc. node	-8802 Mar 26 j 18:27	17°♒27'48	
	-8802 Apr 05 j 23:48	0°♓	
	-8802 Apr 30 j 12:00	0°♈	
	-8802 May 25 j 02:56	0°♉	
	-8802 Jun 18 j 23:03	0°♊	
	-8802 Jul 14 j 05:45	0°♋	
desc. node	-8802 Jul 17 j 12:12	3°♋49'09	
	-8802 Aug 09 j 11:39	0°♌	
evening max el	-8802 Aug 27 j 17:38	19°♌30'23	47°40'47
	-8802 Sep 07 j 10:13	0°♍	
greatest brilliancy	-8802 Oct 07 j 14:14	21°♍34'04	-4.9m
retrograde	-8802 Oct 17 j 23:51	23°♍39'55	
evening set	-8802 Nov 01 j 18:13	19°♍10'06	
asc. node	-8802 Nov 06 j 15:34	16°♍11'23	
min. Earth dist.	-8802 Nov 07 j 02:25	15°♍54'07	0.27651 AU
inferior conj	-8802 Nov 07 j 21:19	15°♍23'57	0°18'06
minimum elong	-8802 Nov 07 j 20:41	15°♍24'58	0°18'07
morning rise	-8802 Nov 14 j 00:07	11°♍40'37	
direct	-8802 Nov 28 j 13:15	7°♍23'19	
greatest brilliancy	-8802 Dec 07 j 14:19	8°♍56'18	-4.8m
	-8801 Jan 08 j 02:23	0°♎	
morning max el	-8801 Jan 16 j 13:41	7°♎50'45	46°00'32
	-8801 Feb 07 j 09:54	0°♏	
desc. node	-8801 Feb 27 j 10:58	21°♏49'09	
	-8801 Mar 06 j 17:59	0°♐	
	-8801 Apr 01 j 19:12	0°♑	
	-8801 Apr 27 j 00:36	0°♒	
	-8801 May 21 j 15:31	0°♓	
	-8801 Jun 14 j 19:41	0°♈	
asc. node	-8801 Jun 19 j 07:57	5°♈38'40	
	-8801 Jul 08 j 16:39	0°♉	
greatest brilliancy	-8801 Jul 09 j 10:07	0°♉55'05	-3.9m
morning set	-8801 Jul 11 j 20:58	4°♉00'49	
	-8801 Aug 01 j 10:00	0°♊	
superior conj	-8801 Aug 20 j 21:59	24°♊40'17	1°21'47
minimum elong	-8801 Aug 21 j 02:13	24°♊53'42	1°22'18
max. Earth dist.	-8801 Aug 25 j 00:38	29°♊51'54	1.70776 AU
	-8801 Aug 25 j 03:12	0°♋	
	-8801 Sep 17 j 23:03	0°♌	
evening rise	-8801 Oct 02 j 20:22	18°♌38'12	
desc. node	-8801 Oct 09 j 21:45	27°♌26'19	
	-8801 Oct 11 j 23:07	0°♍	
	-8801 Nov 05 j 03:47	0°♎	
	-8801 Nov 29 j 13:14	0°♏	
	-8801 Dec 24 j 04:57	0°♐	
	-8800 Jan 18 j 07:02	0°♑	
asc. node	-8800 Jan 29 j 20:52	13°♑34'42	
	-8800 Feb 13 j 03:28	0°♒	
	-8800 Mar 11 j 10:14	0°♓	
evening max el	-8800 Mar 31 j 07:23	20°♓01'26	45°29'08
	-8800 Apr 11 j 08:11	0°♈	
greatest brilliancy	-8800 May 09 j 04:53	17°♈53'07	-4.8m
retrograde	-8800 May 19 j 04:31	19°♈39'12	
desc. node	-8800 May 21 j 17:47	19°♈31'43	
evening set	-8800 Jun 02 j 22:12	15°♈34'30	
inferior conj	-8800 Jun 09 j 02:19	12°♈03'20	-4°16'29
minimum elong	-8800 Jun 08 j 17:35	12°♈16'21	4°14'06
min. Earth dist.	-8800 Jun 09 j 07:33	11°♈55'32	0.27032 AU
morning rise	-8800 Jun 14 j 12:28	8°♈55'17	
direct	-8800 Jun 30 j 01:09	4°♈21'14	
greatest brilliancy	-8800 Jul 11 j 02:38	6°♈36'48	-4.9m

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8800 Aug 12 j 03:56	0°♉	
morning max el	-8800 Aug 19 j 15:24	7°♉24'41	46°45'54
	-8800 Sep 09 j 13:20	0°♊	
asc. node	-8800 Sep 10 j 19:56	1°♊26'28	
	-8800 Oct 05 j 08:19	0°♋	
	-8800 Oct 30 j 07:55	0°♌	
	-8800 Nov 24 j 02:42	0°♍	
	-8800 Dec 18 j 21:40	0°♎	
desc. node	-8799 Jan 01 j 11:39	16°♎25'32	
	-8799 Jan 12 j 16:49	0°♏	
	-8799 Feb 06 j 10:08	0°♐	
morning set	-8799 Feb 22 j 10:00	19°♐30'16	
	-8799 Mar 02 j 23:54	0°♑	
max. Earth dist.	-8799 Mar 26 j 00:20	28°♑17'26	1.73363 AU
	-8799 Mar 27 j 09:36	0°♒	
superior conj	-8799 Mar 29 j 20:15	3°♒00'49	-0°52'15
minimum elong	-8799 Mar 30 j 03:58	3°♒24'38	0°52'27
	-8799 Apr 20 j 15:48	0°♓	
asc. node	-8799 Apr 23 j 07:26	3°♓17'16	
evening rise	-8799 May 04 j 05:54	16°♓51'43	
	-8799 May 14 j 19:31	0°♈	
	-8799 Jun 07 j 21:57	0°♉	
	-8799 Jul 02 j 00:44	0°♊	
	-8799 Jul 26 j 06:10	0°♋	
desc. node	-8799 Aug 13 j 23:20	22°♋59'08	
	-8799 Aug 19 j 17:19	0°♌	
	-8799 Sep 13 j 14:45	0°♍	
	-8799 Oct 09 j 07:57	0°♎	
	-8799 Nov 06 j 01:37	0°♏	
evening max el	-8799 Nov 06 j 07:48	0°♏15'34	46°12'14
asc. node	-8799 Dec 04 j 01:56	24°♏13'32	
	-8799 Dec 14 j 17:37	0°♐	
greatest brilliancy	-8799 Dec 14 j 22:08	0°♐04'31	-4.8m
retrograde	-8799 Dec 26 j 02:03	2°♐23'45	
	-8798 Jan 05 j 22:32	30°℞♏	
evening set	-8798 Jan 12 j 02:29	26°♏44'37	
inferior conj	-8798 Jan 16 j 12:00	23°♏58'05	7°37'48
minimum elong	-8798 Jan 16 j 06:19	24°♏07'14	7°36'51
min. Earth dist.	-8798 Jan 16 j 06:43	24°♏06'36	0.29455 AU
morning rise	-8798 Jan 20 j 10:20	21°♏28'34	
direct	-8798 Feb 07 j 05:23	15°♏28'18	
greatest brilliancy	-8798 Feb 16 j 13:37	17°♏02'47	-4.7m
	-8798 Mar 10 j 18:00	0°♐	
desc. node	-8798 Mar 26 j 22:33	14°♐03'18	
morning max el	-8798 Mar 28 j 00:31	15°♐04'45	45°58'08
	-8798 Apr 11 j 23:32	0°♑	
	-8798 May 09 j 10:25	0°♒	
	-8798 Jun 04 j 03:18	0°♓	
	-8798 Jun 28 j 21:04	0°♈	
asc. node	-8798 Jul 16 j 21:16	22°♈18'47	
	-8798 Jul 23 j 00:51	0°♉	
	-8798 Aug 15 j 21:04	0°♊	
	-8798 Sep 08 j 15:06	0°♋	
morning set	-8798 Sep 26 j 10:52	22°♋27'16	
	-8798 Oct 02 j 11:03	0°♌	
	-8798 Oct 26 j 11:10	0°♍	
desc. node	-8798 Nov 06 j 10:53	13°♍39'21	
superior conj	-8798 Nov 07 j 19:49	15°♍21'29	-0°03'09
minimum elong	-8798 Nov 07 j 19:03	15°♍19'04	0°02'55
behind sun begin	-8798 Nov 06 j 16:43	13°♍57'25	
behind sun end	-8798 Nov 08 j 21:23	16°♍40'42	
max. Earth dist.	-8798 Nov 13 j 04:04	21°♍58'47	1.72380 AU
	-8798 Nov 19 j 15:36	0°♎	
	-8798 Dec 13 j 23:17	0°♏	
evening rise	-8798 Dec 18 j 10:44	5°♏30'28	
	-8797 Jan 07 j 09:25	0°♐	
	-8797 Jan 31 j 22:30	0°♑	
	-8797 Feb 25 j 16:31	0°♒	
asc. node	-8797 Feb 26 j 08:28	0°♒48'02	
	-8797 Mar 22 j 18:13	0°♓	
	-8797 Apr 17 j 07:10	0°♈	
	-8797 May 13 j 14:43	0°♉	
	-8797 Jun 10 j 15:36	0°♊	
evening max el	-8797 Jun 13 j 21:45	3°♊15'20	47°10'36
desc. node	-8797 Jun 19 j 03:56	8°♊22'04	
	-8797 Jul 16 j 05:45	0°♋	
greatest brilliancy	-8797 Jul 25 j 09:21	4°♋14'35	-4.9m
retrograde	-8797 Aug 03 j 11:18	5°♋48'44	
	-8797 Aug 20 j 22:03	30°℞♊	
evening set	-8797 Aug 21 j 05:11	29°♊49'27	
inferior conj	-8797 Aug 24 j 04:16	28°♊01'46	-8°38'33
minimum elong	-8797 Aug 24 j 10:00	27°♊53'00	8°37'30
min. Earth dist.	-8797 Aug 23 j 21:46	28°♊11'44	0.26593 AU
morning rise	-8797 Aug 27 j 14:51	25°♊57'18	
direct	-8797 Sep 13 j 08:26	20°♊27'35	
greatest brilliancy	-8797 Sep 23 j 10:47	22°♊24'32	-4.9m
	-8797 Oct 07 j 03:35	0°♋	
asc. node	-8797 Oct 09 j 07:11	1°♋34'00	
morning max el	-8797 Nov 02 j 15:55	23°♋27'50	46°29'42
	-8797 Nov 09 j 00:37	0°♌	
	-8797 Dec 06 j 11:31	0°♍	
	-8796 Jan 01 j 16:20	0°♎	
	-8796 Jan 27 j 08:44	0°♏	
desc. node	-8796 Jan 30 j 00:42	3°♏08'19	
	-8796 Feb 21 j 16:16	0°♐	
	-8796 Mar 17 j 15:09	0°♑	
	-8796 Apr 11 j 05:40	0°♒	
morning set	-8796 Apr 29 j 18:28	22°♒51'07	
	-8796 May 05 j 12:47	0°♓	
asc. node	-8796 May 20 j 20:40	19°♓05'27	
	-8796 May 29 j 14:01	0°♈	
max. Earth dist.	-8796 Jun 01 j 02:40	3°♈09'57	1.71722 AU
superior conj	-8796 Jun 05 j 00:08	8°♈02'59	0°34'22
minimum elong	-8796 Jun 04 j 17:32	7°♈42'18	0°34'05
	-8796 Jun 22 j 11:18	0°♉	
evening rise	-8796 Jul 12 j 17:55	25°♉32'10	
	-8796 Jul 16 j 06:59	0°♊	
	-8796 Aug 09 j 03:37	0°♋	
	-8796 Sep 02 j 03:30	0°♌	
desc. node	-8796 Sep 10 j 11:16	10°♌21'12	
	-8796 Sep 26 j 08:20	0°♍	
	-8796 Oct 20 j 19:57	0°♎	
	-8796 Nov 14 j 18:10	0°♏	
	-8796 Dec 10 j 12:32	0°♐	
asc. node	-8796 Dec 31 j 12:19	23°♐03'36	
	-8795 Jan 07 j 04:45	0°♑	
evening max el	-8795 Jan 16 j 00:45	8°♑44'39	44°59'18
	-8795 Feb 10 j 22:24	0°♒	
greatest brilliancy	-8795 Feb 22 j 13:27	5°♒51'58	-4.7m
retrograde	-8795 Mar 05 j 01:52	7°♒49'48	
evening set	-8795 Mar 21 j 10:56	2°♒47'23	
inferior conj	-8795 Mar 26 j 10:34	29°♑48'16	5°44'37
minimum elong	-8795 Mar 26 j 19:32	29°♑34'26	5°42'20
	-8795 Mar 26 j 02:58	30°℞♑	
min. Earth dist.	-8795 Mar 27 j 14:38	29°♑05'01	0.28939 AU
morning rise	-8795 Apr 01 j 03:32	26°♑23'09	
direct	-8795 Apr 17 j 08:04	21°♑26'25	
desc. node	-8795 Apr 23 j 09:25	22°♑07'31	
greatest brilliancy	-8795 Apr 28 j 16:21	23°♑44'31	-4.8m
	-8795 May 10 j 10:38	0°♒	
morning max el	-8795 Jun 06 j 03:48	22°♒37'37	46°24'14

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8795 Jun 13 j 11:06	0°♓		
	-8795 Jul 10 j 17:49	0°♈		
	-8795 Aug 05 j 01:51	0°♉		
asc. node	-8795 Aug 13 j 10:08	10°♉09'05		
	-8795 Aug 29 j 12:55	0°♊		
	-8795 Sep 22 j 15:24	0°♋		
	-8795 Oct 16 j 16:48	0°♌		
	-8795 Nov 09 j 21:10	0°♍		
desc. node	-8795 Dec 04 j 00:16	29°♍44'25		
	-8795 Dec 04 j 05:21	0°♎		
morning set	-8795 Dec 11 j 23:01	9°♎30'08		
	-8795 Dec 28 j 15:59	0°♏		
superior conj	-8794 Jan 19 j 20:44	27°♏12'57	-1°18'32	
minimum elong	-8794 Jan 19 j 16:09	26°♏58'56	1°18'55	
max. Earth dist.	-8794 Jan 19 j 07:59	26°♏33'53	1.73705 AU	
	-8794 Jan 22 j 03:12	0°♐		
	-8794 Feb 15 j 13:54	0°♑		
evening rise	-8794 Feb 25 j 02:20	11°♑41'22		
greatest brilliancy	-8794 Feb 28 j 01:54	15°♑21'03	-3.9m	
	-8794 Mar 12 j 00:16	0°♒		
asc. node	-8794 Mar 25 j 20:45	17°♒00'08		
	-8794 Apr 05 j 11:15	0°♓		
	-8794 Apr 29 j 23:55	0°♈		
	-8794 May 24 j 15:32	0°♉		
	-8794 Jun 18 j 12:40	0°♊		
	-8794 Jul 13 j 20:56	0°♋		
desc. node	-8794 Jul 16 j 14:23	3°♋10'35		
	-8794 Aug 09 j 05:59	0°♌		
evening max el	-8794 Aug 25 j 10:18	17°♌12'42	47°42'19	
	-8794 Sep 07 j 14:43	0°♍		
greatest brilliancy	-8794 Oct 05 j 06:42	19°♍13'46	-4.9m	
retrograde	-8794 Oct 15 j 15:46	21°♍18'37		
evening set	-8794 Oct 30 j 10:09	16°♍48'36		
min. Earth dist.	-8794 Nov 04 j 17:37	13°♍33'31	0.27583 AU	
inferior conj	-8794 Nov 05 j 12:25	13°♍03'31	-0°03'13	
minimum elong	-8794 Nov 05 j 12:31	13°♍03'21	0°02'57	
transit middle	-8794 Nov 05 j 12:31	13°♍03'21	0°02'57	
transit begin	-8794 Nov 05 j 08:35	13°♍09'39		
transit end	-8794 Nov 05 j 16:28	12°♍57'03		
asc. node	-8794 Nov 05 j 17:41	12°♍55'07		
morning rise	-8794 Nov 11 j 15:58	9°♍19'32		
direct	-8794 Nov 26 j 04:14	5°♍04'23		
greatest brilliancy	-8794 Dec 05 j 04:46	6°♍37'21	-4.8m	
	-8793 Jan 08 j 05:16	0°♎		
morning max el	-8793 Jan 14 j 05:03	5°♎37'03	46°01'05	
	-8793 Feb 07 j 03:07	0°♏		
desc. node	-8793 Feb 26 j 13:11	21°♏14'10		
	-8793 Mar 06 j 08:09	0°♐		
	-8793 Apr 01 j 07:55	0°♑		
	-8793 Apr 26 j 12:34	0°♒		
	-8793 May 21 j 03:04	0°♓		
	-8793 Jun 14 j 07:04	0°♈		
asc. node	-8793 Jun 18 j 10:05	5°♈09'46		
	-8793 Jul 08 j 04:00	0°♉		
greatest brilliancy	-8793 Jul 08 j 09:45	0°♉18'09	-3.9m	
morning set	-8793 Jul 09 j 10:24	1°♉35'56		
	-8793 Jul 31 j 21:24	0°♊		
superior conj	-8793 Aug 18 j 07:59	22°♊04'07	1°22'25	
minimum elong	-8793 Aug 18 j 11:10	22°♊14'12	1°22'57	
max. Earth dist.	-8793 Aug 22 j 01:08	26°♊45'44	1.70757 AU	
	-8793 Aug 24 j 14:39	0°♋		
	-8793 Sep 17 j 10:32	0°♌		
evening rise	-8793 Sep 30 j 03:35	15°♌54'51		
desc. node	-8793 Oct 08 j 23:52	26°♌57'01		
	-8793 Oct 11 j 10:39	0°♍		
	-8793 Nov 04 j 15:23	0°♎		
	-8793 Nov 29 j 00:59	0°♏		
	-8793 Dec 23 j 17:02	0°♐		
	-8792 Jan 17 j 19:53	0°♑		
asc. node	-8792 Jan 28 j 23:09	13°♑02'15		
	-8792 Feb 12 j 17:54	0°♒		
	-8792 Mar 11 j 04:25	0°♓		
evening max el	-8792 Mar 28 j 20:56	17°♓42'38	45°26'24	
	-8792 Apr 11 j 16:09	0°♈		
greatest brilliancy	-8792 May 06 j 17:40	15°♈31'13	-4.8m	
retrograde	-8792 May 16 j 16:25	17°♈16'43		
desc. node	-8792 May 20 j 19:52	16°♈56'57		
evening set	-8792 May 31 j 09:17	13°♈14'15		
inferior conj	-8792 Jun 06 j 15:13	9°♈40'50	-3°56'01	
minimum elong	-8792 Jun 06 j 07:01	9°♈53'04	3°53'45	
min. Earth dist.	-8792 Jun 06 j 21:59	9°♈30'44	0.27075 AU	
morning rise	-8792 Jun 12 j 04:07	6°♈28'39		
direct	-8792 Jun 27 j 14:20	1°♈57'37		
greatest brilliancy	-8792 Jul 08 j 17:50	4°♈14'17	-4.9m	
	-8792 Aug 12 j 05:46	0°♉		
morning max el	-8792 Aug 17 j 03:18	4°♉53'59	46°45'41	
	-8792 Sep 09 j 06:49	0°♊		
asc. node	-8792 Sep 09 j 22:17	0°♊43'55		
	-8792 Oct 04 j 23:02	0°♋		
	-8792 Oct 29 j 21:16	0°♌		
	-8792 Nov 23 j 15:14	0°♍		
	-8792 Dec 18 j 09:38	0°♎		
desc. node	-8792 Dec 31 j 13:49	15°♎56'44		
	-8791 Jan 12 j 04:21	0°♏		
	-8791 Feb 05 j 21:21	0°♐		
morning set	-8791 Feb 20 j 04:29	17°♐26'13		
	-8791 Mar 02 j 10:57	0°♑		
max. Earth dist.	-8791 Mar 23 j 20:10	26°♑16'47	1.73403 AU	
	-8791 Mar 26 j 20:36	0°♒		
superior conj	-8791 Mar 27 j 15:57	0°♒59'39	-0°54'27	
minimum elong	-8791 Mar 27 j 23:45	1°♒23'44	0°54'42	
	-8791 Apr 20 j 02:52	0°♓		
asc. node	-8791 Apr 22 j 09:32	2°♓49'25		
evening rise	-8791 May 02 j 01:06	14°♓47'39		
	-8791 May 14 j 06:45	0°♈		
	-8791 Jun 07 j 09:26	0°♉		
	-8791 Jul 01 j 12:33	0°♊		
	-8791 Jul 25 j 18:26	0°♋		
desc. node	-8791 Aug 13 j 01:36	22°♋27'09		
	-8791 Aug 19 j 06:14	0°♌		
	-8791 Sep 13 j 04:42	0°♍		
	-8791 Oct 08 j 23:58	0°♎		
evening max el	-8791 Nov 03 j 22:24	27°♎57'16	46°15'47	
	-8791 Nov 05 j 23:28	0°♏		
asc. node	-8791 Dec 03 j 04:11	22°♏57'38		
greatest brilliancy	-8791 Dec 12 j 15:55	27°♏56'18	-4.8m	
	-8791 Dec 20 j 03:28	0°♐		
retrograde	-8791 Dec 23 j 19:32	0°♐16'00		
	-8791 Dec 27 j 10:10	30°℞♏		
evening set	-8790 Jan 09 j 17:43	24°♏39'50		
inferior conj	-8790 Jan 14 j 05:28	21°♏50'04	7°31'33	
minimum elong	-8790 Jan 13 j 23:18	22°♏00'00	7°30'31	
min. Earth dist.	-8790 Jan 13 j 23:10	22°♏00'13	0.29420 AU	
morning rise	-8790 Jan 18 j 05:02	19°♏18'38		
direct	-8790 Feb 04 j 21:32	13°♏20'40		
greatest brilliancy	-8790 Feb 14 j 05:43	14°♏54'58	-4.7m	
	-8790 Mar 11 j 02:39	0°♐		
morning max el	-8790 Mar 25 j 16:19	12°♐54'47	45°57'42	
desc. node	-8790 Mar 26 j 00:44	13°♐14'48		
	-8790 Apr 11 j 17:26	0°♑		
	-8790 May 09 j 00:47	0°♒		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8790 Jun 03 j 16:12	0°♓		
	-8790 Jun 28 j 09:13	0°♈		
asc. node	-8790 Jul 15 j 23:30	21°♈48'55		
	-8790 Jul 22 j 12:36	0°♉		
	-8790 Aug 15 j 08:35	0°♊		
	-8790 Sep 08 j 02:29	0°♋		
morning set	-8790 Sep 23 j 20:35	19°♋51'16		
	-8790 Oct 01 j 22:22	0°♌		
	-8790 Oct 25 j 22:26	0°♍		
superior conj	-8790 Nov 05 j 05:59	12°♍49'20	0°00'40	
minimum elong	-8790 Nov 05 j 06:12	12°♍50'03	0°00'54	
behind sun begin	-8790 Nov 04 j 03:32	11°♍27'17		
behind sun end	-8790 Nov 06 j 08:52	14°♍12'46		
desc. node	-8790 Nov 05 j 12:56	13°♍10'56		
max. Earth dist.	-8790 Nov 10 j 16:03	19°♍32'36	1.72315 AU	
	-8790 Nov 19 j 02:48	0°♎		
	-8790 Dec 13 j 10:26	0°♏		
evening rise	-8790 Dec 16 j 01:10	3°♏13'00		
	-8789 Jan 06 j 20:35	0°♐		
	-8789 Jan 31 j 09:52	0°♑		
asc. node	-8789 Feb 25 j 10:44	0°♒19'16		
	-8789 Feb 25 j 04:20	0°♒		
	-8789 Mar 22 j 06:49	0°♓		
	-8789 Apr 16 j 21:11	0°♈		
	-8789 May 13 j 07:21	0°♉		
	-8789 Jun 10 j 14:47	0°♊		
evening max el	-8789 Jun 11 j 10:30	0°♊48'51	47°07'27	
desc. node	-8789 Jun 18 j 06:14	7°♊23'44		
	-8789 Jul 18 j 13:08	0°♋		
greatest brilliancy	-8789 Jul 22 j 21:04	1°♋43'32	-4.9m	
retrograde	-8789 Jul 31 j 23:50	3°♋18'22		
	-8789 Aug 13 j 20:06	30°℞♊		
evening set	-8789 Aug 18 j 19:05	27°♊16'44		
inferior conj	-8789 Aug 21 j 16:28	25°♊31'56	-8°44'27	
minimum elong	-8789 Aug 21 j 21:22	25°♊24'28	8°43'33	
min. Earth dist.	-8789 Aug 21 j 09:44	25°♊42'12	0.26588 AU	
morning rise	-8789 Aug 24 j 23:42	23°♊32'49		
direct	-8789 Sep 10 j 20:55	17°♊57'59		
greatest brilliancy	-8789 Sep 20 j 23:37	19°♊55'41	-4.9m	
asc. node	-8789 Oct 08 j 09:16	0°♋16'19		
	-8789 Oct 08 j 00:48	0°♋		
morning max el	-8789 Oct 31 j 06:06	21°♋04'24	46°30'47	
	-8789 Nov 08 j 21:10	0°♌		
	-8789 Dec 06 j 03:11	0°♍		
	-8788 Jan 01 j 05:55	0°♎		
	-8788 Jan 26 j 21:09	0°♏		
desc. node	-8788 Jan 29 j 02:54	2°♏38'28		
	-8788 Feb 21 j 03:58	0°♐		
	-8788 Mar 17 j 02:25	0°♑		
	-8788 Apr 10 j 16:42	0°♒		
morning set	-8788 Apr 27 j 13:16	20°♒46'55		
	-8788 May 04 j 23:43	0°♓		
asc. node	-8788 May 19 j 22:45	18°♓37'55		
	-8788 May 29 j 00:58	0°♈		
max. Earth dist.	-8788 May 29 j 17:39	0°♈52'13	1.71784 AU	
superior conj	-8788 Jun 02 j 16:45	5°♈50'10	0°31'22	
minimum elong	-8788 Jun 02 j 10:41	5°♈31'09	0°31'05	
	-8788 Jun 21 j 22:22	0°♉		
evening rise	-8788 Jul 10 j 07:10	23°♉07'26		
	-8788 Jul 15 j 18:13	0°♊		
	-8788 Aug 08 j 15:02	0°♋		
	-8788 Sep 01 j 15:05	0°♌		
desc. node	-8788 Sep 09 j 13:24	9°♌51'37		
	-8788 Sep 25 j 20:09	0°♍		
	-8788 Oct 20 j 08:09	0°♎		
	-8788 Nov 14 j 07:08	0°♏		
	-8788 Dec 10 j 03:14	0°♐		
asc. node	-8788 Dec 30 j 14:34	22°♐22'52		
	-8787 Jan 07 j 00:13	0°♑		
evening max el	-8787 Jan 13 j 17:10	6°♑36'00	45°00'16	
	-8787 Feb 12 j 03:56	0°♒		
greatest brilliancy	-8787 Feb 20 j 04:49	3°♒43'44	-4.7m	
retrograde	-8787 Mar 02 j 18:03	5°♒41'54		
evening set	-8787 Mar 19 j 05:30	0°♒35'44		
	-8787 Mar 20 j 06:13	30°℞♑		
inferior conj	-8787 Mar 24 j 02:46	27°♑39'21	5°57'33	
minimum elong	-8787 Mar 24 j 11:41	27°♑25'33	5°55'21	
min. Earth dist.	-8787 Mar 25 j 06:05	26°♑57'06	0.28997 AU	
morning rise	-8787 Mar 29 j 17:21	24°♑17'09		
direct	-8787 Apr 15 j 01:10	19°♑16'44		
desc. node	-8787 Apr 22 j 11:29	20°♑17'55		
greatest brilliancy	-8787 Apr 26 j 06:55	21°♑32'30	-4.8m	
	-8787 May 11 j 06:54	0°♒		
morning max el	-8787 Jun 03 j 19:51	20°♒24'37	46°23'01	
	-8787 Jun 13 j 06:36	0°♓		
	-8787 Jul 10 j 08:53	0°♈		
	-8787 Aug 04 j 15:11	0°♉		
asc. node	-8787 Aug 12 j 12:20	9°♉36'06		
	-8787 Aug 29 j 01:23	0°♊		
	-8787 Sep 22 j 03:22	0°♋		
	-8787 Oct 16 j 04:26	0°♌		
	-8787 Nov 09 j 08:30	0°♍		
desc. node	-8787 Dec 03 j 02:28	29°♍17'07		
	-8787 Dec 03 j 16:25	0°♎		
morning set	-8787 Dec 09 j 12:21	7°♎09'51		
	-8787 Dec 28 j 02:53	0°♏		
superior conj	-8786 Jan 17 j 13:50	25°♏05'05	-1°17'40	
minimum elong	-8786 Jan 17 j 08:40	24°♏49'12	1°18'00	
max. Earth dist.	-8786 Jan 17 j 07:07	24°♏44'26	1.73686 AU	
	-8786 Jan 21 j 14:00	0°♐		
	-8786 Feb 15 j 00:42	0°♑		
evening rise	-8786 Feb 22 j 21:34	9°♑39'48		
greatest brilliancy	-8786 Feb 26 j 19:19	14°♑27'34	-3.9m	
	-8786 Mar 11 j 11:12	0°♒		
asc. node	-8786 Mar 24 j 22:47	16°♒32'27		
	-8786 Apr 04 j 22:27	0°♓		
	-8786 Apr 29 j 11:34	0°♈		
	-8786 May 24 j 03:53	0°♉		
	-8786 Jun 18 j 02:01	0°♊		
	-8786 Jul 13 j 11:56	0°♋		
desc. node	-8786 Jul 15 j 16:38	2°♋32'54		
	-8786 Aug 09 j 00:23	0°♌		
evening max el	-8786 Aug 23 j 02:19	14°♌54'04	47°43'31	
	-8786 Sep 07 j 20:46	0°♍		
greatest brilliancy	-8786 Oct 02 j 23:35	16°♍54'23	-4.9m	
retrograde	-8786 Oct 13 j 07:07	18°♍57'24		
evening set	-8786 Oct 28 j 02:06	14°♍27'13		
min. Earth dist.	-8786 Nov 02 j 08:59	11°♍12'46	0.27515 AU	
inferior conj	-8786 Nov 03 j 03:21	10°♍43'26	-0°24'48	
minimum elong	-8786 Nov 03 j 04:13	10°♍42'03	0°24'17	
asc. node	-8786 Nov 04 j 19:57	9°♍38'59		
morning rise	-8786 Nov 09 j 07:26	6°♍58'49		
direct	-8786 Nov 23 j 18:40	2°♍45'51		
greatest brilliancy	-8786 Dec 02 j 19:25	4°♍18'58	-4.8m	
	-8785 Jan 08 j 06:19	0°♎		
morning max el	-8785 Jan 11 j 19:23	3°♎21'37	46°01'48	
	-8785 Feb 06 j 19:36	0°♏		
desc. node	-8785 Feb 25 j 15:20	20°♏40'18		
	-8785 Mar 05 j 21:47	0°♐		
	-8785 Mar 31 j 20:14	0°♑		
	-8785 Apr 26 j 00:12	0°♒		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8785 May 20 j 14:19	0°♓	
	-8785 Jun 13 j 18:09	0°♈	
asc. node	-8785 Jun 17 j 12:21	4°♈42'10	
morning set	-8785 Jul 06 j 23:57	29°♈12'24	
	-8785 Jul 07 j 15:03	0°♉	
	-8785 Jul 31 j 08:27	0°♊	
superior conj	-8785 Aug 15 j 18:12	19°♊29'44	1°22'53
minimum elong	-8785 Aug 15 j 20:21	19°♊36'33	1°23'25
max. Earth dist.	-8785 Aug 18 j 23:48	23°♊34'56	1.70744 AU
	-8785 Aug 24 j 01:45	0°♋	
	-8785 Sep 16 j 21:42	0°♌	
evening rise	-8785 Sep 27 j 10:50	13°♌12'30	
desc. node	-8785 Oct 08 j 01:52	26°♌28'19	
	-8785 Oct 10 j 21:52	0°♍	
	-8785 Nov 04 j 02:42	0°♎	
	-8785 Nov 28 j 12:27	0°♏	
	-8785 Dec 23 j 04:50	0°♐	
	-8784 Jan 17 j 08:27	0°♑	
asc. node	-8784 Jan 28 j 01:26	12°♑30'43	
	-8784 Feb 12 j 08:08	0°♒	
	-8784 Mar 10 j 22:41	0°♓	
evening max el	-8784 Mar 26 j 09:51	15°♓23'21	45°23'39
	-8784 Apr 12 j 02:30	0°♈	
greatest brilliancy	-8784 May 04 j 06:08	13°♈09'39	-4.8m
retrograde	-8784 May 14 j 04:23	14°♈55'07	
desc. node	-8784 May 19 j 22:11	14°♈17'01	
evening set	-8784 May 28 j 20:27	10°♈54'05	
inferior conj	-8784 Jun 04 j 04:02	7°♈18'56	-3°35'07
minimum elong	-8784 Jun 03 j 20:25	7°♈30'17	3°32'59
min. Earth dist.	-8784 Jun 04 j 12:25	7°♈06'26	0.27123 AU
morning rise	-8784 Jun 09 j 19:37	4°♈02'56	
	-8784 Jun 20 j 11:52	30°℞♓	
direct	-8784 Jun 25 j 03:21	29°♓34'18	
	-8784 Jun 29 j 21:01	0°♈	
greatest brilliancy	-8784 Jul 06 j 09:19	1°♈52'50	-4.9m
	-8784 Aug 12 j 06:04	0°♉	
morning max el	-8784 Aug 14 j 15:55	2°♉25'56	46°45'36
	-8784 Sep 08 j 23:40	0°♊	
asc. node	-8784 Sep 09 j 00:23	0°♊02'02	
	-8784 Oct 04 j 13:17	0°♋	
	-8784 Oct 29 j 10:14	0°♌	
	-8784 Nov 23 j 03:27	0°♍	
	-8784 Dec 17 j 21:19	0°♎	
desc. node	-8784 Dec 30 j 15:57	15°♎28'34	
	-8783 Jan 11 j 15:37	0°♏	
	-8783 Feb 05 j 08:19	0°♐	
morning set	-8783 Feb 17 j 22:53	15°♐22'39	
	-8783 Mar 01 j 21:43	0°♑	
max. Earth dist.	-8783 Mar 21 j 18:09	24°♑23'36	1.73442 AU
superior conj	-8783 Mar 25 j 11:41	28°♑59'26	-0°56'35
minimum elong	-8783 Mar 25 j 19:32	29°♑23'41	0°56'50
	-8783 Mar 26 j 07:19	0°♒	
	-8783 Apr 19 j 13:42	0°♓	
asc. node	-8783 Apr 21 j 11:42	2°♓22'32	
evening rise	-8783 Apr 29 j 20:22	12°♓44'45	
	-8783 May 13 j 17:47	0°♈	
	-8783 Jun 06 j 20:46	0°♉	
	-8783 Jul 01 j 00:15	0°♊	
	-8783 Jul 25 j 06:35	0°♋	
desc. node	-8783 Aug 12 j 03:43	21°♋55'05	
	-8783 Aug 18 j 19:02	0°♌	
	-8783 Sep 12 j 18:34	0°♍	
	-8783 Oct 08 j 16:01	0°♎	
evening max el	-8783 Nov 01 j 13:31	25°♎40'48	46°19'26
	-8783 Nov 05 j 21:57	0°♏	

asc. node	-8783 Dec 02 j 06:31	21°♏39'59	
greatest brilliancy	-8783 Dec 10 j 09:04	25°♏47'32	-4.8m
retrograde	-8783 Dec 21 j 13:18	28°♏08'21	
evening set	-8782 Jan 07 j 08:44	22°♏35'05	
inferior conj	-8782 Jan 11 j 22:47	19°♏41'59	7°24'41
minimum elong	-8782 Jan 11 j 16:10	19°♏52'38	7°23'32
min. Earth dist.	-8782 Jan 11 j 15:15	19°♏54'06	0.29383 AU
morning rise	-8782 Jan 15 j 23:47	17°♏08'32	
direct	-8782 Feb 02 j 13:50	11°♏12'59	
greatest brilliancy	-8782 Feb 11 j 21:22	12°♏46'58	-4.7m
	-8782 Mar 11 j 08:43	0°♐	
morning max el	-8782 Mar 23 j 08:56	10°♐47'25	45°57'24
desc. node	-8782 Mar 25 j 02:47	12°♐27'19	
	-8782 Apr 11 j 10:44	0°♑	
	-8782 May 08 j 14:48	0°♒	
	-8782 Jun 03 j 04:50	0°♓	
	-8782 Jun 27 j 21:12	0°♈	
asc. node	-8782 Jul 15 j 01:38	21°♈19'06	
	-8782 Jul 22 j 00:13	0°♉	
	-8782 Aug 14 j 20:02	0°♊	
	-8782 Sep 07 j 13:49	0°♋	
morning set	-8782 Sep 21 j 06:01	17°♋14'23	
	-8782 Oct 01 j 09:38	0°♌	
	-8782 Oct 25 j 09:37	0°♍	
superior conj	-8782 Nov 02 j 15:36	10°♍15'39	0°04'32
minimum elong	-8782 Nov 02 j 16:52	10°♍19'35	0°04'43
behind sun begin	-8782 Nov 01 j 14:57	8°♍59'05	
behind sun end	-8782 Nov 03 j 18:47	11°♍40'03	
desc. node	-8782 Nov 04 j 15:08	12°♍43'11	
max. Earth dist.	-8782 Nov 08 j 03:58	17°♍06'19	1.72250 AU
	-8782 Nov 18 j 13:54	0°♎	
	-8782 Dec 12 j 21:30	0°♏	
evening rise	-8782 Dec 13 j 15:19	0°♏54'50	
	-8781 Jan 06 j 07:43	0°♐	
	-8781 Jan 30 j 21:14	0°♑	
asc. node	-8781 Feb 24 j 12:50	29°♑50'04	
	-8781 Feb 24 j 16:08	0°♒	
	-8781 Mar 21 j 19:26	0°♓	
	-8781 Apr 16 j 11:14	0°♈	
	-8781 May 13 j 00:12	0°♉	
evening max el	-8781 Jun 08 j 23:59	28°♉24'36	47°04'07
	-8781 Jun 10 j 14:53	0°♊	
desc. node	-8781 Jun 17 j 08:26	6°♊24'02	
greatest brilliancy	-8781 Jul 20 j 08:01	29°♊11'26	-4.9m
	-8781 Jul 23 j 03:32	0°♋	
retrograde	-8781 Jul 29 j 12:24	0°♋47'11	
	-8781 Aug 04 j 16:50	30°℞♊	
evening set	-8781 Aug 16 j 08:22	24°♊43'50	
inferior conj	-8781 Aug 19 j 04:25	23°♊01'12	-8°49'23
minimum elong	-8781 Aug 19 j 08:27	22°♊55'03	8°48'36
min. Earth dist.	-8781 Aug 18 j 21:14	23°♊12'06	0.26587 AU
morning rise	-8781 Aug 22 j 08:36	21°♊06'53	
direct	-8781 Sep 08 j 09:41	15°♊27'38	
greatest brilliancy	-8781 Sep 18 j 11:51	17°♊25'18	-4.9m
asc. node	-8781 Oct 07 j 11:31	29°♊00'44	
	-8781 Oct 08 j 16:53	0°♋	
morning max el	-8781 Oct 28 j 20:18	18°♋40'22	46°31'47
	-8781 Nov 08 j 17:17	0°♌	
	-8781 Dec 05 j 18:45	0°♍	
	-8781 Dec 31 j 19:27	0°♎	
	-8780 Jan 26 j 09:33	0°♏	
desc. node	-8780 Jan 28 j 04:59	2°♏08'10	
	-8780 Feb 20 j 15:41	0°♐	
	-8780 Mar 16 j 13:44	0°♑	
	-8780 Apr 10 j 03:47	0°♒	
morning set	-8780 Apr 25 j 08:17	18°♒43'15	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8780 May 04 j 10:43	0°♓	
asc. node	-8780 May 19 j 01:03	18°♓10'47	
max. Earth dist.	-8780 May 27 j 07:15	28°♓30'06	1.71843 AU
	-8780 May 28 j 11:59	0°♈	
superior conj	-8780 May 31 j 09:48	3°♈38'39	0°28'21
minimum elong	-8780 May 31 j 04:17	3°♈21'22	0°28'04
	-8780 Jun 21 j 09:28	0°♉	
evening rise	-8780 Jul 07 j 20:54	20°♉44'09	
	-8780 Jul 15 j 05:30	0°♊	
	-8780 Aug 08 j 02:32	0°♋	
	-8780 Sep 01 j 02:49	0°♌	
desc. node	-8780 Sep 08 j 15:28	9°♌21'23	
	-8780 Sep 25 j 08:09	0°♍	
	-8780 Oct 19 j 20:35	0°♎	
	-8780 Nov 13 j 20:24	0°♏	
	-8780 Dec 09 j 18:21	0°♐	
asc. node	-8780 Dec 29 j 16:50	21°♐41'02	
	-8779 Jan 06 j 20:33	0°♑	
evening max el	-8779 Jan 11 j 09:06	4°♑25'24	45°01'24
	-8779 Feb 13 j 23:55	0°♒	
greatest brilliancy	-8779 Feb 17 j 20:41	1°♒35'28	-4.7m
retrograde	-8779 Feb 28 j 09:41	3°♒33'28	
	-8779 Mar 14 j 00:34	30°℞♑	
evening set	-8779 Mar 17 j 00:04	28°♑23'36	
inferior conj	-8779 Mar 21 j 18:59	25°♑30'00	6°10'00
minimum elong	-8779 Mar 22 j 03:48	25°♑16'19	6°07'53
min. Earth dist.	-8779 Mar 22 j 21:51	24°♑48'19	0.29053 AU
morning rise	-8779 Mar 27 j 07:02	22°♑10'41	
direct	-8779 Apr 12 j 17:54	17°♑06'31	
desc. node	-8779 Apr 21 j 13:49	18°♑31'42	
greatest brilliancy	-8779 Apr 23 j 21:45	19°♑20'07	-4.7m
	-8779 May 11 j 22:22	0°♒	
morning max el	-8779 Jun 01 j 11:07	18°♒09'12	46°21'59
	-8779 Jun 13 j 01:46	0°♓	
	-8779 Jul 09 j 23:55	0°♈	
	-8779 Aug 04 j 04:33	0°♉	
asc. node	-8779 Aug 11 j 14:28	9°♉02'38	
	-8779 Aug 28 j 13:57	0°♊	
	-8779 Sep 21 j 15:27	0°♋	
	-8779 Oct 15 j 16:13	0°♌	
	-8779 Nov 08 j 20:02	0°♍	
desc. node	-8779 Dec 02 j 04:36	28°♍48'47	
	-8779 Dec 03 j 03:46	0°♎	
morning set	-8779 Dec 07 j 01:11	4°♎47'08	
	-8779 Dec 27 j 14:04	0°♏	
superior conj	-8778 Jan 15 j 06:28	22°♏54'51	-1°16'39
minimum elong	-8778 Jan 15 j 00:41	22°♏37'10	1°16'58
max. Earth dist.	-8778 Jan 15 j 04:53	22°♏50'03	1.73661 AU
	-8778 Jan 21 j 01:04	0°♐	
	-8778 Feb 14 j 11:46	0°♑	
evening rise	-8778 Feb 20 j 16:26	7°♑36'19	
greatest brilliancy	-8778 Feb 25 j 08:21	13°♑19'50	-3.9m
	-8778 Mar 10 j 22:23	0°♒	
asc. node	-8778 Mar 24 j 01:02	16°♒04'30	
	-8778 Apr 04 j 09:57	0°♓	
	-8778 Apr 28 j 23:34	0°♈	
	-8778 May 23 j 16:35	0°♉	
	-8778 Jun 17 j 15:44	0°♊	
	-8778 Jul 13 j 03:20	0°♋	
desc. node	-8778 Jul 14 j 18:47	1°♋54'04	
	-8778 Aug 08 j 19:24	0°♌	
evening max el	-8778 Aug 20 j 17:16	12°♌32'14	47°44'35
	-8778 Sep 08 j 05:19	0°♍	
greatest brilliancy	-8778 Sep 30 j 16:51	14°♍34'51	-4.9m
retrograde	-8778 Oct 10 j 22:03	16°♍35'33	
evening set	-8778 Oct 25 j 18:12	12°♍04'50	
min. Earth dist.	-8778 Oct 31 j 00:43	8°♍50'54	0.27453 AU
inferior conj	-8778 Oct 31 j 18:20	8°♍22'46	-0°46'27
minimum elong	-8778 Oct 31 j 19:58	8°♍20'09	0°45'41
asc. node	-8778 Nov 03 j 22:17	6°♍23'17	
morning rise	-8778 Nov 06 j 22:45	4°♍37'33	
direct	-8778 Nov 21 j 08:37	0°♍26'27	
greatest brilliancy	-8778 Nov 30 j 10:43	2°♍00'20	-4.8m
	-8777 Jan 08 j 06:38	0°♎	
morning max el	-8777 Jan 09 j 09:22	1°♎04'00	46°02'28
	-8777 Feb 06 j 12:11	0°♏	
desc. node	-8777 Feb 24 j 17:26	20°♏05'30	
	-8777 Mar 05 j 11:41	0°♐	
	-8777 Mar 31 j 08:50	0°♑	
	-8777 Apr 25 j 12:05	0°♒	
	-8777 May 20 j 01:51	0°♓	
	-8777 Jun 13 j 05:33	0°♈	
asc. node	-8777 Jun 16 j 14:24	4°♈13'01	
morning set	-8777 Jul 04 j 13:42	26°♈48'30	
	-8777 Jul 07 j 02:24	0°♉	
	-8777 Jul 30 j 19:49	0°♊	
superior conj	-8777 Aug 13 j 04:50	16°♊55'39	1°23'10
minimum elong	-8777 Aug 13 j 05:56	16°♊59'10	1°23'41
max. Earth dist.	-8777 Aug 15 j 22:07	20°♊22'01	1.70731 AU
	-8777 Aug 23 j 13:08	0°♋	
	-8777 Sep 16 j 09:06	0°♌	
evening rise	-8777 Sep 24 j 18:28	10°♌30'32	
desc. node	-8777 Oct 07 j 04:09	25°♌59'44	
	-8777 Oct 10 j 09:20	0°♍	
	-8777 Nov 03 j 14:15	0°♎	
	-8777 Nov 28 j 00:11	0°♏	
	-8777 Dec 22 j 16:58	0°♐	
	-8776 Jan 16 j 21:25	0°♑	
asc. node	-8776 Jan 27 j 03:32	11°♑57'33	
	-8776 Feb 11 j 22:55	0°♒	
	-8776 Mar 10 j 17:51	0°♓	
evening max el	-8776 Mar 23 j 22:58	13°♓03'49	45°21'11
	-8776 Apr 12 j 16:52	0°♈	
greatest brilliancy	-8776 May 01 j 18:06	10°♈46'56	-4.8m
retrograde	-8776 May 11 j 16:55	12°♈33'08	
desc. node	-8776 May 19 j 00:23	11°♈31'06	
evening set	-8776 May 26 j 07:55	8°♈32'57	
inferior conj	-8776 Jun 01 j 16:54	4°♈56'19	-3°13'53
minimum elong	-8776 Jun 01 j 09:56	5°♈06'42	3°11'55
min. Earth dist.	-8776 Jun 02 j 02:40	4°♈41'46	0.27175 AU
morning rise	-8776 Jun 07 j 11:04	1°♈36'55	
	-8776 Jun 10 j 16:50	30°℞♓	
direct	-8776 Jun 22 j 16:50	27°♓10'10	
greatest brilliancy	-8776 Jul 04 j 00:46	29°♓30'37	-4.9m
	-8776 Jul 05 j 05:18	0°♈	
morning max el	-8776 Aug 12 j 05:46	0°♉00'09	46°45'32
	-8776 Aug 12 j 05:42	0°♉	
asc. node	-8776 Sep 08 j 02:35	29°♉19'53	
	-8776 Sep 08 j 16:33	0°♊	
	-8776 Oct 04 j 03:42	0°♋	
	-8776 Oct 28 j 23:24	0°♌	
	-8776 Nov 22 j 15:50	0°♍	
	-8776 Dec 17 j 09:11	0°♎	
desc. node	-8776 Dec 29 j 18:00	14°♎59'32	
	-8775 Jan 11 j 03:06	0°♏	
	-8775 Feb 04 j 19:32	0°♐	
morning set	-8775 Feb 15 j 17:09	13°♐17'49	
	-8775 Mar 01 j 08:47	0°♑	
max. Earth dist.	-8775 Mar 19 j 16:51	22°♑31'40	1.73479 AU
superior conj	-8775 Mar 23 j 07:17	26°♑57'54	-0°58'40

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

minimum elong	-8775 Mar 23 j 15:09	27°♉22'10	0°58'55
	-8775 Mar 25 j 18:22	0°♒	
	-8775 Apr 19 j 00:49	0°♓	
asc. node	-8775 Apr 20 j 13:57	1°♓55'00	
evening rise	-8775 Apr 27 j 15:36	10°♓40'50	
	-8775 May 13 j 05:07	0°♈	
	-8775 Jun 06 j 08:23	0°♉	
	-8775 Jun 30 j 12:15	0°♊	
	-8775 Jul 24 j 19:06	0°♋	
desc. node	-8775 Aug 11 j 05:51	21°♋22'00	
	-8775 Aug 18 j 08:14	0°♌	
	-8775 Sep 12 j 08:52	0°♍	
	-8775 Oct 08 j 08:35	0°♎	
evening max el	-8775 Oct 30 j 05:46	23°♎26'39	46°23'13
	-8775 Nov 05 j 21:34	0°♏	
asc. node	-8775 Dec 01 j 08:40	20°♏19'31	
greatest brilliancy	-8775 Dec 08 j 02:05	23°♏38'27	-4.8m
retrograde	-8775 Dec 19 j 07:39	26°♏00'40	
evening set	-8774 Jan 04 j 23:57	20°♏30'24	
inferior conj	-8774 Jan 09 j 16:18	17°♏33'49	7°17'12
minimum elong	-8774 Jan 09 j 09:18	17°♏45'06	7°15'57
min. Earth dist.	-8774 Jan 09 j 07:15	17°♏48'23	0.29344 AU
morning rise	-8774 Jan 13 j 18:53	14°♏58'10	
direct	-8774 Jan 31 j 06:47	9°♏05'24	
greatest brilliancy	-8774 Feb 09 j 12:41	10°♏38'30	-4.7m
	-8774 Mar 11 j 13:02	0°♐	
morning max el	-8774 Mar 21 j 02:29	8°♐41'48	45°56'55
desc. node	-8774 Mar 24 j 05:07	11°♐40'45	
	-8774 Apr 11 j 03:58	0°♑	
	-8774 May 08 j 04:58	0°♒	
	-8774 Jun 02 j 17:41	0°♓	
	-8774 Jun 27 j 09:22	0°♈	
asc. node	-8774 Jul 14 j 03:46	20°♈48'41	
	-8774 Jul 21 j 12:02	0°♉	
	-8774 Aug 14 j 07:39	0°♊	
	-8774 Sep 07 j 01:21	0°♋	
morning set	-8774 Sep 18 j 15:31	14°♋36'59	
	-8774 Sep 30 j 21:06	0°♌	
	-8774 Oct 24 j 21:01	0°♍	
superior conj	-8774 Oct 31 j 01:09	7°♍40'52	0°08'22
minimum elong	-8774 Oct 31 j 03:28	7°♍48'04	0°08'32
behind sun begin	-8774 Oct 30 j 04:14	6°♍35'49	
behind sun end	-8774 Nov 01 j 02:42	9°♍00'18	
desc. node	-8774 Nov 03 j 17:13	12°♍14'26	
max. Earth dist.	-8774 Nov 05 j 16:28	14°♍41'04	1.72181 AU
	-8774 Nov 18 j 01:12	0°♎	
evening rise	-8774 Dec 11 j 05:32	28°♎36'21	
	-8774 Dec 12 j 08:44	0°♏	
	-8773 Jan 05 j 18:59	0°♐	
	-8773 Jan 30 j 08:43	0°♑	
asc. node	-8773 Feb 23 j 15:06	29°♑20'54	
	-8773 Feb 24 j 04:06	0°♒	
	-8773 Mar 21 j 08:17	0°♓	
	-8773 Apr 16 j 01:37	0°♈	
	-8773 May 12 j 17:35	0°♉	
evening max el	-8773 Jun 06 j 14:15	26°♉01'50	47°00'42
	-8773 Jun 10 j 16:23	0°♊	
desc. node	-8773 Jun 16 j 10:35	5°♊22'18	
greatest brilliancy	-8773 Jul 17 j 19:04	26°♊39'19	-4.9m
retrograde	-8773 Jul 27 j 00:54	28°♊15'35	
evening set	-8773 Aug 13 j 21:16	22°♊11'33	
inferior conj	-8773 Aug 16 j 16:24	20°♊30'17	-8°53'13
minimum elong	-8773 Aug 16 j 19:33	20°♊25'29	8°52'32
min. Earth dist.	-8773 Aug 16 j 08:50	20°♊41'47	0.26583 AU
morning rise	-8773 Aug 19 j 17:54	18°♊40'02	
direct	-8773 Sep 05 j 22:31	12°♊57'19	
greatest brilliancy	-8773 Sep 15 j 24:00	14°♊54'26	-4.9m
asc. node	-8773 Oct 06 j 13:54	27°♊47'26	
	-8773 Oct 09 j 05:05	0°♋	
morning max el	-8773 Oct 26 j 10:03	16°♋14'43	46°32'42
	-8773 Nov 08 j 12:55	0°♌	
	-8773 Dec 05 j 10:12	0°♍	
	-8773 Dec 31 j 08:57	0°♎	
	-8772 Jan 25 j 21:57	0°♏	
desc. node	-8772 Jan 27 j 07:06	1°♏37'59	
	-8772 Feb 20 j 03:24	0°♐	
	-8772 Mar 16 j 01:03	0°♑	
	-8772 Apr 09 j 14:53	0°♒	
morning set	-8772 Apr 23 j 03:30	16°♒40'10	
	-8772 May 03 j 21:45	0°♓	
asc. node	-8772 May 18 j 03:08	17°♓42'44	
max. Earth dist.	-8772 May 24 j 19:52	26°♓04'51	1.71909 AU
	-8772 May 27 j 23:03	0°♈	
superior conj	-8772 May 29 j 03:03	1°♈27'36	0°25'19
minimum elong	-8772 May 28 j 22:06	1°♈12'07	0°25'01
	-8772 Jun 20 j 20:40	0°♉	
evening rise	-8772 Jul 05 j 10:45	18°♉21'06	
	-8772 Jul 14 j 16:52	0°♊	
	-8772 Aug 07 j 14:06	0°♋	
	-8772 Aug 31 j 14:35	0°♌	
desc. node	-8772 Sep 07 j 17:44	8°♌51'34	
	-8772 Sep 24 j 20:13	0°♍	
	-8772 Oct 19 j 09:07	0°♎	
	-8772 Nov 13 j 09:49	0°♏	
	-8772 Dec 09 j 09:41	0°♐	
asc. node	-8772 Dec 28 j 19:03	20°♐58'45	
	-8771 Jan 06 j 17:30	0°♑	
evening max el	-8771 Jan 09 j 00:33	2°♑13'43	45°02'43
greatest brilliancy	-8771 Feb 15 j 13:01	29°♑28'30	-4.7m
	-8771 Feb 17 j 02:38	0°♒	
retrograde	-8771 Feb 26 j 01:21	1°♒26'26	
	-8771 Mar 06 j 16:05	30°℞♑	
evening set	-8771 Mar 14 j 18:55	26°♑12'45	
inferior conj	-8771 Mar 19 j 11:34	23°♑22'06	6°21'43
minimum elong	-8771 Mar 19 j 20:14	23°♑08'36	6°19'41
min. Earth dist.	-8771 Mar 20 j 14:08	22°♑40'44	0.29107 AU
morning rise	-8771 Mar 24 j 21:03	20°♑05'47	
direct	-8771 Apr 10 j 10:29	14°♑57'43	
desc. node	-8771 Apr 20 j 15:58	16°♑50'15	
greatest brilliancy	-8771 Apr 21 j 13:22	17°♑09'47	-4.7m
	-8771 May 12 j 09:38	0°♒	
morning max el	-8771 May 30 j 02:01	15°♒53'27	46°20'46
	-8771 Jun 12 j 20:19	0°♓	
	-8771 Jul 09 j 14:45	0°♈	
	-8771 Aug 03 j 17:51	0°♉	
asc. node	-8771 Aug 10 j 16:42	8°♉29'36	
	-8771 Aug 28 j 02:28	0°♊	
	-8771 Sep 21 j 03:30	0°♋	
	-8771 Oct 15 j 03:55	0°♌	
	-8771 Nov 08 j 07:30	0°♍	
desc. node	-8771 Dec 01 j 06:36	28°♍20'15	
	-8771 Dec 02 j 15:01	0°♎	
morning set	-8771 Dec 04 j 13:46	2°♎23'45	
	-8771 Dec 27 j 01:10	0°♏	
superior conj	-8770 Jan 12 j 23:02	20°♏44'44	-1°15'32
minimum elong	-8770 Jan 12 j 16:42	20°♏25'21	1°15'49
max. Earth dist.	-8770 Jan 13 j 00:44	20°♏49'57	1.73633 AU
	-8770 Jan 20 j 12:03	0°♐	
	-8770 Feb 13 j 22:43	0°♑	
evening rise	-8770 Feb 18 j 11:23	5°♑33'30	
greatest brilliancy	-8770 Feb 23 j 20:18	12°♑09'09	-3.9m

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8770 Mar 10 j 09:26	0°♒	
asc. node	-8770 Mar 23 j 03:18	15°♒37'11	
	-8770 Apr 03 j 21:17	0°♓	
	-8770 Apr 28 j 11:24	0°♈	
	-8770 May 23 j 05:09	0°♉	
	-8770 Jun 17 j 05:24	0°♊	
	-8770 Jul 12 j 18:51	0°♋	
desc. node	-8770 Jul 13 j 20:59	1°♋15'17	
	-8770 Aug 08 j 14:53	0°♌	
evening max el	-8770 Aug 18 j 07:31	10°♌08'33	47°45'29
	-8770 Sep 08 j 16:50	0°♍	
greatest brilliancy	-8770 Sep 28 j 10:10	12°♍14'49	-4.9m
retrograde	-8770 Oct 08 j 12:38	14°♍13'15	
evening set	-8770 Oct 23 j 10:14	9°♍41'28	
min. Earth dist.	-8770 Oct 28 j 16:29	6°♍28'15	0.27393 AU
inferior conj	-8770 Oct 29 j 09:08	6°♍01'40	-1°08'10
minimum elong	-8770 Oct 29 j 11:32	5°♍57'50	1°07'08
asc. node	-8770 Nov 03 j 00:24	3°♍09'12	
morning rise	-8770 Nov 04 j 13:43	2°♍16'10	
	-8770 Nov 09 j 08:16	30°℞♌	
direct	-8770 Nov 18 j 22:04	28°♌06'22	
greatest brilliancy	-8770 Nov 28 j 02:14	29°♌41'44	-4.8m
	-8770 Nov 28 j 23:18	0°♍	
morning max el	-8769 Jan 06 j 23:28	28°♍46'50	46°03'15
	-8769 Jan 08 j 05:45	0°♎	
	-8769 Feb 06 j 04:19	0°♏	
desc. node	-8769 Feb 23 j 19:40	19°♏31'52	
	-8769 Mar 05 j 01:15	0°♐	
	-8769 Mar 30 j 21:08	0°♑	
	-8769 Apr 24 j 23:43	0°♒	
	-8769 May 19 j 13:07	0°♓	
	-8769 Jun 12 j 16:39	0°♈	
asc. node	-8769 Jun 15 j 16:34	3°♈45'04	
morning set	-8769 Jul 02 j 03:58	24°♈27'14	
	-8769 Jul 06 j 13:29	0°♉	
	-8769 Jul 30 j 06:57	0°♊	
superior conj	-8769 Aug 10 j 15:35	14°♊22'34	1°23'16
minimum elong	-8769 Aug 10 j 15:39	14°♊22'46	1°23'47
max. Earth dist.	-8769 Aug 12 j 23:23	17°♊19'01	1.70731 AU
	-8769 Aug 23 j 00:19	0°♋	
	-8769 Sep 15 j 20:22	0°♌	
evening rise	-8769 Sep 22 j 01:44	7°♌47'51	
desc. node	-8769 Oct 06 j 06:14	25°♌30'56	
	-8769 Oct 09 j 20:40	0°♍	
	-8769 Nov 03 j 01:40	0°♎	
	-8769 Nov 27 j 11:47	0°♏	
	-8769 Dec 22 j 04:59	0°♐	
	-8768 Jan 16 j 10:18	0°♑	
asc. node	-8768 Jan 26 j 05:51	11°♑25'20	
	-8768 Feb 11 j 13:40	0°♒	
	-8768 Mar 10 j 13:16	0°♓	
evening max el	-8768 Mar 21 j 13:07	10°♓47'49	45°18'56
	-8768 Apr 13 j 11:19	0°♈	
greatest brilliancy	-8768 Apr 29 j 05:44	8°♈25'34	-4.8m
retrograde	-8768 May 09 j 06:12	10°♈13'02	
desc. node	-8768 May 18 j 02:30	8°♈42'03	
evening set	-8768 May 23 j 19:56	6°♈13'34	
inferior conj	-8768 May 30 j 05:58	2°♈35'33	-2°52'28
minimum elong	-8768 May 29 j 23:41	2°♈44'54	2°50'43
min. Earth dist.	-8768 May 30 j 16:45	2°♈19'32	0.27225 AU
	-8768 Jun 03 j 16:27	30°℞♓	
morning rise	-8768 Jun 05 j 02:36	29°♓13'07	
direct	-8768 Jun 20 j 07:04	24°♓48'11	
greatest brilliancy	-8768 Jul 01 j 15:44	27°♓09'48	-4.9m
	-8768 Jul 07 j 14:18	0°♈	
morning max el	-8768 Aug 09 j 20:21	27°♈37'49	46°45'13
	-8768 Aug 12 j 03:52	0°♉	
asc. node	-8768 Sep 07 j 04:55	28°♉39'43	
	-8768 Sep 08 j 08:46	0°♊	
	-8768 Oct 03 j 17:42	0°♋	
	-8768 Oct 28 j 12:16	0°♌	
	-8768 Nov 22 j 04:01	0°♍	
	-8768 Dec 16 j 20:50	0°♎	
desc. node	-8768 Dec 28 j 20:11	14°♎31'29	
	-8767 Jan 10 j 14:21	0°♏	
	-8767 Feb 04 j 06:31	0°♐	
morning set	-8767 Feb 13 j 11:05	11°♐12'38	
	-8767 Feb 28 j 19:36	0°♑	
max. Earth dist.	-8767 Mar 17 j 15:59	20°♑41'52	1.73513 AU
superior conj	-8767 Mar 21 j 02:45	24°♑56'43	-1°00'39
minimum elong	-8767 Mar 21 j 10:35	25°♑20'52	1°00'57
	-8767 Mar 25 j 05:10	0°♒	
	-8767 Apr 18 j 11:43	0°♓	
asc. node	-8767 Apr 19 j 16:01	1°♓27'39	
evening rise	-8767 Apr 25 j 10:55	8°♓38'01	
	-8767 May 12 j 16:11	0°♈	
	-8767 Jun 05 j 19:43	0°♉	
	-8767 Jun 29 j 23:56	0°♊	
	-8767 Jul 24 j 07:16	0°♋	
desc. node	-8767 Aug 10 j 08:08	20°♋50'31	
	-8767 Aug 17 j 21:06	0°♌	
	-8767 Sep 11 j 22:56	0°♍	
	-8767 Oct 08 j 01:08	0°♎	
evening max el	-8767 Oct 27 j 22:43	21°♎14'37	46°26'46
	-8767 Nov 05 j 22:08	0°♏	
asc. node	-8767 Nov 30 j 10:58	18°♏56'41	
greatest brilliancy	-8767 Dec 05 j 19:11	21°♏29'12	-4.8m
retrograde	-8767 Dec 17 j 01:44	23°♏52'08	
evening set	-8766 Jan 02 j 14:50	18°♏25'22	
inferior conj	-8766 Jan 07 j 09:31	15°♏25'03	7°08'56
minimum elong	-8766 Jan 07 j 02:09	15°♏36'55	7°07'37
min. Earth dist.	-8766 Jan 06 j 22:56	15°♏42'05	0.29300 AU
morning rise	-8766 Jan 11 j 13:47	12°♏46'55	
direct	-8766 Jan 28 j 23:44	6°♏57'26	
greatest brilliancy	-8766 Feb 07 j 03:23	8°♏29'09	-4.7m
	-8766 Mar 11 j 15:34	0°♐	
morning max el	-8766 Mar 18 j 19:32	6°♐35'33	45°56'28
desc. node	-8766 Mar 23 j 07:16	10°♐54'59	
	-8766 Apr 10 j 20:38	0°♑	
	-8766 May 07 j 18:45	0°♒	
	-8766 Jun 02 j 06:12	0°♓	
	-8766 Jun 26 j 21:13	0°♈	
asc. node	-8766 Jul 13 j 06:00	20°♈19'30	
	-8766 Jul 20 j 23:31	0°♉	
	-8766 Aug 13 j 18:56	0°♊	
	-8766 Sep 06 j 12:32	0°♋	
morning set	-8766 Sep 16 j 01:30	12°♋02'11	
	-8766 Sep 30 j 08:13	0°♌	
	-8766 Oct 24 j 08:04	0°♍	
superior conj	-8766 Oct 28 j 10:42	5°♍06'57	0°12'11
minimum elong	-8766 Oct 28 j 14:03	5°♍17'23	0°12'20
behind sun begin	-8766 Oct 27 j 20:10	4°♍21'45	
behind sun end	-8766 Oct 29 j 07:56	6°♍13'00	
desc. node	-8766 Nov 02 j 19:15	11°♍46'29	
max. Earth dist.	-8766 Nov 03 j 07:15	12°♍23'42	1.72120 AU
	-8766 Nov 17 j 12:12	0°♎	
evening rise	-8766 Dec 08 j 19:21	26°♎17'16	
	-8766 Dec 11 j 19:43	0°♏	
	-8765 Jan 05 j 06:04	0°♐	
	-8765 Jan 29 j 20:02	0°♑	
asc. node	-8765 Feb 22 j 17:22	28°♑52'17	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8765 Feb 23 j 15:55	0°♒		
	-8765 Mar 20 j 21:00	0°♓		
	-8765 Apr 15 j 15:57	0°♈		
	-8765 May 12 j 11:08	0°♉		
evening max el	-8765 Jun 04 j 04:12	23°♉38'56	46°57'11	
	-8765 Jun 10 j 19:00	0°♊		
desc. node	-8765 Jun 15 j 12:53	4°♊20'05		
greatest brilliancy	-8765 Jul 15 j 06:40	24°♊08'43	-4.9m	
retrograde	-8765 Jul 24 j 12:55	25°♊44'43		
evening set	-8765 Aug 11 j 09:42	19°♊41'12		
inferior conj	-8765 Aug 14 j 04:24	18°♊00'30	-8°55'59	
minimum elong	-8765 Aug 14 j 06:37	17°♊57'09	8°55'23	
min. Earth dist.	-8765 Aug 13 j 20:46	18°♊12'07	0.26575 AU	
morning rise	-8765 Aug 17 j 03:35	16°♊13'37		
direct	-8765 Sep 03 j 11:01	10°♊28'11		
greatest brilliancy	-8765 Sep 13 j 12:32	12°♊25'02	-4.9m	
asc. node	-8765 Oct 05 j 15:57	26°♊36'48		
	-8765 Oct 09 j 13:39	0°♋		
morning max el	-8765 Oct 23 j 22:44	13°♋47'20	46°33'39	
	-8765 Nov 08 j 07:36	0°♌		
	-8765 Dec 05 j 01:05	0°♍		
	-8765 Dec 30 j 22:05	0°♎		
	-8764 Jan 25 j 10:06	0°♏		
desc. node	-8764 Jan 26 j 09:18	1°♏08'39		
	-8764 Feb 19 j 14:56	0°♐		
	-8764 Mar 15 j 12:12	0°♑		
	-8764 Apr 09 j 01:50	0°♒		
morning set	-8764 Apr 20 j 22:26	14°♒36'44		
	-8764 May 03 j 08:37	0°♓		
asc. node	-8764 May 17 j 05:16	17°♓15'25		
max. Earth dist.	-8764 May 22 j 10:20	23°♓45'57	1.71976 AU	
superior conj	-8764 May 26 j 20:11	29°♓16'53	0°22'13	
minimum elong	-8764 May 26 j 15:49	29°♓03'14	0°21'57	
	-8764 May 27 j 09:58	0°♈		
	-8764 Jun 20 j 07:44	0°♉		
evening rise	-8764 Jul 03 j 00:46	15°♉59'06		
	-8764 Jul 14 j 04:07	0°♊		
	-8764 Aug 07 j 01:31	0°♋		
	-8764 Aug 31 j 02:12	0°♌		
desc. node	-8764 Sep 06 j 19:51	8°♌21'55		
	-8764 Sep 24 j 08:05	0°♍		
	-8764 Oct 18 j 21:26	0°♎		
	-8764 Nov 12 j 23:02	0°♏		
	-8764 Dec 09 j 00:57	0°♐		
asc. node	-8764 Dec 27 j 21:21	20°♐16'43		
evening max el	-8763 Jan 06 j 15:08	0°♑00'19	45°03'56	
	-8763 Jan 06 j 15:01	0°♑		
greatest brilliancy	-8763 Feb 13 j 05:01	27°♑21'09	-4.7m	
retrograde	-8763 Feb 23 j 17:07	29°♑19'36		
evening set	-8763 Mar 12 j 13:35	24°♑01'48		
inferior conj	-8763 Mar 17 j 04:06	21°♑14'10	6°32'45	
minimum elong	-8763 Mar 17 j 12:33	21°♑00'58	6°30'50	
min. Earth dist.	-8763 Mar 18 j 06:30	20°♑33'00	0.29163 AU	
morning rise	-8763 Mar 22 j 10:59	18°♑01'07		
direct	-8763 Apr 08 j 02:43	12°♑48'42		
greatest brilliancy	-8763 Apr 19 j 05:33	15°♑00'10	-4.7m	
desc. node	-8763 Apr 19 j 18:05	15°♑12'12		
	-8763 May 12 j 18:00	0°♒		
morning max el	-8763 May 27 j 17:00	13°♒38'03	46°19'42	
	-8763 Jun 12 j 14:24	0°♓		
	-8763 Jul 09 j 05:21	0°♈		
	-8763 Aug 03 j 06:59	0°♉		
asc. node	-8763 Aug 09 j 18:54	7°♉56'53		
	-8763 Aug 27 j 14:51	0°♊		
	-8763 Sep 20 j 15:26	0°♋		
	-8763 Oct 14 j 15:31	0°♌		
	-8763 Nov 07 j 18:49	0°♍		
desc. node	-8763 Nov 30 j 08:50	27°♍52'53		
morning set	-8763 Dec 02 j 02:34	0°♎01'21		
	-8763 Dec 02 j 02:08	0°♎		
	-8763 Dec 26 j 12:06	0°♏		
superior conj	-8762 Jan 10 j 15:48	18°♏35'40	-1°14'19	
minimum elong	-8762 Jan 10 j 08:57	18°♏14'41	1°14'33	
max. Earth dist.	-8762 Jan 10 j 20:15	18°♏49'19	1.73608 AU	
	-8762 Jan 19 j 22:55	0°♐		
	-8762 Feb 13 j 09:35	0°♑		
evening rise	-8762 Feb 16 j 06:28	3°♑31'18		
greatest brilliancy	-8762 Feb 22 j 06:18	10°♑52'39	-3.9m	
	-8762 Mar 09 j 20:28	0°♒		
asc. node	-8762 Mar 22 j 05:22	15°♒09'14		
	-8762 Apr 03 j 08:39	0°♓		
	-8762 Apr 27 j 23:17	0°♈		
	-8762 May 22 j 17:48	0°♉		
	-8762 Jun 16 j 19:11	0°♊		
	-8762 Jul 12 j 10:35	0°♋		
desc. node	-8762 Jul 12 j 23:14	0°♋36'18		
	-8762 Aug 08 j 10:57	0°♌		
evening max el	-8762 Aug 15 j 21:37	7°♌44'26	47°46'20	
	-8762 Sep 09 j 08:12	0°♍		
greatest brilliancy	-8762 Sep 26 j 03:05	9°♍53'58	-4.9m	
retrograde	-8762 Oct 06 j 03:20	11°♍50'51		
evening set	-8762 Oct 21 j 02:21	7°♍17'25		
inferior conj	-8762 Oct 26 j 23:52	3°♍40'15	-1°29'54	
minimum elong	-8762 Oct 27 j 03:01	3°♍35'14	1°28'38	
min. Earth dist.	-8762 Oct 26 j 08:04	4°♍05'25	0.27333 AU	
morning rise	-8762 Nov 02 j 04:29	29°♌54'59		
asc. node	-8762 Nov 02 j 02:43	29°♌57'25		
	-8762 Nov 02 j 00:50	30°℞♌		
direct	-8762 Nov 16 j 11:28	25°♌45'50		
greatest brilliancy	-8762 Nov 25 j 17:37	27°♌22'55	-4.8m	
	-8762 Dec 01 j 21:18	0°♍		
morning max el	-8761 Jan 04 j 14:24	26°♍31'44	46°04'15	
	-8761 Jan 08 j 03:51	0°♎		
	-8761 Feb 05 j 20:06	0°♏		
desc. node	-8761 Feb 22 j 21:47	18°♏58'18		
	-8761 Mar 04 j 14:40	0°♐		
	-8761 Mar 30 j 09:24	0°♑		
	-8761 Apr 24 j 11:22	0°♒		
	-8761 May 19 j 00:29	0°♓		
	-8761 Jun 12 j 03:53	0°♈		
asc. node	-8761 Jun 14 j 18:50	3°♈16'59		
morning set	-8761 Jun 29 j 18:14	22°♈05'41		
	-8761 Jul 06 j 00:42	0°♉		
	-8761 Jul 29 j 18:11	0°♊		
superior conj	-8761 Aug 08 j 02:17	11°♊48'58	1°23'11	
minimum elong	-8761 Aug 08 j 01:20	11°♊45'56	1°23'42	
max. Earth dist.	-8761 Aug 10 j 03:54	14°♊25'53	1.70732 AU	
	-8761 Aug 22 j 11:37	0°♋		
	-8761 Sep 15 j 07:44	0°♌		
evening rise	-8761 Sep 19 j 09:00	5°♌04'45		
desc. node	-8761 Oct 05 j 08:17	25°♌01'40		
	-8761 Oct 09 j 08:07	0°♍		
	-8761 Nov 02 j 13:13	0°♎		
	-8761 Nov 26 j 23:30	0°♏		
	-8761 Dec 21 j 17:05	0°♐		
	-8760 Jan 15 j 23:17	0°♑		
asc. node	-8760 Jan 25 j 08:08	10°♑52'52		
	-8760 Feb 11 j 04:37	0°♒		
	-8760 Mar 10 j 09:20	0°♓		
evening max el	-8760 Mar 19 j 04:02	8°♓33'38	45°16'36	
	-8760 Apr 14 j 12:26	0°♈		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

greatest brilliancy	-8760 Apr 26 j 17:15	6°♈04'00	-4.8m
retrograde	-8760 May 06 j 19:31	7°♈52'29	
desc. node	-8760 May 17 j 04:49	5°♈47'25	
evening set	-8760 May 21 j 08:14	3°♈53'43	
inferior conj	-8760 May 27 j 19:03	0°♈14'18	-2°30'51
minimum elong	-8760 May 27 j 13:29	0°♈22'34	2°29'18
	-8760 May 28 j 04:39	30°♓	
min. Earth dist.	-8760 May 28 j 06:37	29°♓57'06	0.27281 AU
morning rise	-8760 Jun 02 j 17:59	26°♓48'53	
direct	-8760 Jun 17 j 21:45	22°♓25'48	
greatest brilliancy	-8760 Jun 29 j 06:13	24°♓47'39	-4.9m
	-8760 Jul 09 j 03:35	0°♈	
morning max el	-8760 Aug 07 j 11:01	25°♈14'57	46°44'51
	-8760 Aug 12 j 01:34	0°♉	
asc. node	-8760 Sep 06 j 07:01	27°♉58'29	
	-8760 Sep 08 j 01:00	0°♊	
	-8760 Oct 03 j 07:48	0°♋	
	-8760 Oct 28 j 01:16	0°♌	
	-8760 Nov 21 j 16:19	0°♍	
	-8760 Dec 16 j 08:38	0°♎	
desc. node	-8760 Dec 27 j 22:18	14°♎02'42	
	-8759 Jan 10 j 01:47	0°♏	
	-8759 Feb 03 j 17:39	0°♐	
morning set	-8759 Feb 11 j 05:18	9°♐07'55	
	-8759 Feb 28 j 06:34	0°♑	
max. Earth dist.	-8759 Mar 15 j 15:27	18°♑52'41	1.73542 AU
superior conj	-8759 Mar 18 j 22:34	22°♑56'12	-1°02'33
minimum elong	-8759 Mar 19 j 06:21	23°♑20'10	1°02'52
	-8759 Mar 24 j 16:06	0°♒	
	-8759 Apr 17 j 22:46	0°♓	
asc. node	-8759 Apr 18 j 18:14	1°♓00'17	
evening rise	-8759 Apr 23 j 06:33	6°♓35'47	
	-8759 May 12 j 03:28	0°♈	
	-8759 Jun 05 j 07:19	0°♉	
	-8759 Jun 29 j 11:57	0°♊	
	-8759 Jul 23 j 19:49	0°♋	
desc. node	-8759 Aug 09 j 10:14	20°♋17'15	
	-8759 Aug 17 j 10:25	0°♌	
	-8759 Sep 11 j 13:29	0°♍	
	-8759 Oct 07 j 18:21	0°♎	
evening max el	-8759 Oct 25 j 15:41	19°♎01'37	46°30'22
	-8759 Nov 06 j 00:20	0°♏	
asc. node	-8759 Nov 29 j 13:17	17°♏30'25	
greatest brilliancy	-8759 Dec 03 j 12:52	19°♏19'52	-4.8m
retrograde	-8759 Dec 14 j 19:33	21°♏42'42	
evening set	-8759 Dec 31 j 05:49	16°♏19'43	
min. Earth dist.	-8758 Jan 04 j 14:50	13°♏34'51	0.29249 AU
inferior conj	-8758 Jan 05 j 02:47	13°♏15'36	7°00'16
minimum elong	-8758 Jan 04 j 19:06	13°♏28'00	6°58'49
morning rise	-8758 Jan 09 j 08:46	10°♏34'46	
direct	-8758 Jan 26 j 16:48	4°♏48'57	
greatest brilliancy	-8758 Feb 04 j 18:10	6°♏19'07	-4.7m
	-8758 Mar 11 j 16:59	0°♐	
morning max el	-8758 Mar 16 j 11:57	4°♐27'15	45°56'10
desc. node	-8758 Mar 22 j 09:21	10°♐09'14	
	-8758 Apr 10 j 13:11	0°♑	
	-8758 May 07 j 08:35	0°♒	
	-8758 Jun 01 j 18:50	0°♓	
	-8758 Jun 26 j 09:16	0°♈	
asc. node	-8758 Jul 12 j 08:09	19°♈49'16	
	-8758 Jul 20 j 11:17	0°♉	
	-8758 Aug 13 j 06:34	0°♊	
	-8758 Sep 06 j 00:06	0°♋	
morning set	-8758 Sep 13 j 11:02	9°♋24'37	
	-8758 Sep 29 j 19:44	0°♌	
	-8758 Oct 23 j 19:29	0°♍	
superior conj	-8758 Oct 25 j 19:43	2°♍30'10	0°16'02
minimum elong	-8758 Oct 26 j 00:06	2°♍43'48	0°16'09
behind sun begin	-8758 Oct 25 j 20:37	2°♍32'56	
behind sun end	-8758 Oct 26 j 03:36	2°♍54'40	
max. Earth dist.	-8758 Oct 31 j 22:41	10°♍07'08	1.72052 AU
desc. node	-8758 Nov 01 j 21:30	11°♍18'01	
	-8758 Nov 16 j 23:33	0°♎	
evening rise	-8758 Dec 06 j 08:45	23°♎55'48	
	-8758 Dec 11 j 07:03	0°♏	
	-8757 Jan 04 j 17:28	0°♐	
	-8757 Jan 29 j 07:40	0°♑	
asc. node	-8757 Feb 21 j 19:27	28°♑22'18	
	-8757 Feb 23 j 04:03	0°♒	
	-8757 Mar 20 j 10:01	0°♓	
	-8757 Apr 15 j 06:37	0°♈	
	-8757 May 12 j 05:13	0°♉	
evening max el	-8757 Jun 01 j 17:09	21°♉13'13	46°53'30
	-8757 Jun 10 j 23:23	0°♊	
desc. node	-8757 Jun 14 j 15:04	3°♊15'37	
greatest brilliancy	-8757 Jul 12 j 18:34	21°♊37'53	-4.9m
retrograde	-8757 Jul 22 j 00:11	23°♊13'13	
evening set	-8757 Aug 08 j 21:31	17°♊10'58	
inferior conj	-8757 Aug 11 j 16:27	15°♊29'59	-8°57'36
minimum elong	-8757 Aug 11 j 17:40	15°♊28'09	8°57'04
min. Earth dist.	-8757 Aug 11 j 09:04	15°♊41'12	0.26578 AU
morning rise	-8757 Aug 14 j 13:51	13°♊45'39	
direct	-8757 Aug 31 j 23:12	7°♊57'53	
greatest brilliancy	-8757 Sep 11 j 01:55	9°♊55'19	-4.9m
asc. node	-8757 Oct 04 j 18:16	25°♊27'13	
	-8757 Oct 09 j 20:27	0°♋	
morning max el	-8757 Oct 21 j 10:37	11°♋16'09	46°34'32
	-8757 Nov 08 j 02:22	0°♌	
	-8757 Dec 04 j 16:16	0°♍	
	-8757 Dec 30 j 11:32	0°♎	
	-8756 Jan 24 j 22:32	0°♏	
desc. node	-8756 Jan 25 j 11:22	0°♏38'02	
	-8756 Feb 19 j 02:45	0°♐	
	-8756 Mar 14 j 23:38	0°♑	
	-8756 Apr 08 j 13:02	0°♒	
morning set	-8756 Apr 18 j 17:41	12°♒33'33	
	-8756 May 02 j 19:43	0°♓	
asc. node	-8756 May 16 j 07:32	16°♓47'48	
max. Earth dist.	-8756 May 20 j 03:31	21°♓34'56	1.72039 AU
superior conj	-8756 May 24 j 13:53	27°♓07'19	0°19'09
minimum elong	-8756 May 24 j 10:07	26°♓55'32	0°18'53
	-8756 May 26 j 21:05	0°♈	
	-8756 Jun 19 j 18:58	0°♉	
evening rise	-8756 Jun 30 j 15:33	13°♉39'04	
	-8756 Jul 13 j 15:32	0°♊	
	-8756 Aug 06 j 13:10	0°♋	
	-8756 Aug 30 j 14:06	0°♌	
desc. node	-8756 Sep 05 j 21:56	7°♌51'08	
	-8756 Sep 23 j 20:20	0°♍	
	-8756 Oct 18 j 10:14	0°♎	
	-8756 Nov 12 j 12:48	0°♏	
	-8756 Dec 08 j 16:54	0°♐	
asc. node	-8756 Dec 26 j 23:35	19°♐32'49	
evening max el	-8755 Jan 04 j 05:24	27°♐45'01	45°05'32
	-8755 Jan 06 j 13:50	0°♑	
greatest brilliancy	-8755 Feb 10 j 20:31	25°♑12'28	-4.7m
retrograde	-8755 Feb 21 j 09:28	27°♑12'13	
evening set	-8755 Mar 10 j 08:15	21°♑50'09	
inferior conj	-8755 Mar 14 j 20:40	19°♑05'31	6°43'16
minimum elong	-8755 Mar 15 j 04:52	18°♑52'43	6°41'28
min. Earth dist.	-8755 Mar 15 j 22:39	18°♑25'00	0.29215 AU
morning rise	-8755 Mar 20 j 00:57	15°♑56'05	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

direct	-8755 Apr 05 j 19:01	10°♉38'59		
greatest brilliancy	-8755 Apr 16 j 21:50	12°♉50'16	-4.7m	
desc. node	-8755 Apr 18 j 20:26	13°♉37'11		
	-8755 May 13 j 00:17	0°♒		
morning max el	-8755 May 25 j 08:50	11°♒24'23	46°18'49	
	-8755 Jun 12 j 08:15	0°♓		
	-8755 Jul 08 j 19:55	0°♈		
	-8755 Aug 02 j 20:09	0°♉		
asc. node	-8755 Aug 08 j 21:01	7°♉23'44		
	-8755 Aug 27 j 03:17	0°♊		
	-8755 Sep 20 j 03:27	0°♋		
	-8755 Oct 14 j 03:16	0°♌		
	-8755 Nov 07 j 06:23	0°♍		
desc. node	-8755 Nov 29 j 10:54	27°♍24'08		
morning set	-8755 Nov 29 j 14:39	27°♍35'41		
	-8755 Dec 01 j 13:32	0°♎		
	-8755 Dec 25 j 23:21	0°♏		
superior conj	-8754 Jan 08 j 07:50	16°♏23'26	-1°12'57	
minimum elong	-8754 Jan 08 j 00:29	16°♏00'51	1°13'08	
max. Earth dist.	-8754 Jan 08 j 14:16	16°♏43'08	1.73579 AU	
	-8754 Jan 19 j 10:02	0°♐		
	-8754 Feb 12 j 20:42	0°♑		
evening rise	-8754 Feb 14 j 01:02	1°♑26'55		
greatest brilliancy	-8754 Feb 20 j 14:15	9°♑29'11	-3.9m	
	-8754 Mar 09 j 07:44	0°♒		
asc. node	-8754 Mar 21 j 07:36	14°♒41'09		
	-8754 Apr 02 j 20:14	0°♓		
	-8754 Apr 27 j 11:24	0°♈		
	-8754 May 22 j 06:41	0°♉		
	-8754 Jun 16 j 09:12	0°♊		
desc. node	-8754 Jul 12 j 01:23	29°♊56'32		
	-8754 Jul 12 j 02:36	0°♋		
	-8754 Aug 08 j 07:38	0°♌		
evening max el	-8754 Aug 13 j 12:09	5°♌21'31	47°47'05	
	-8754 Sep 10 j 04:45	0°♍		
greatest brilliancy	-8754 Sep 23 j 19:04	7°♍31'45	-4.9m	
retrograde	-8754 Oct 03 j 18:19	9°♍27'59		
evening set	-8754 Oct 18 j 18:28	4°♍52'25		
min. Earth dist.	-8754 Oct 23 j 23:11	1°♍42'16	0.27283 AU	
inferior conj	-8754 Oct 24 j 14:27	1°♍18'02	-1°51'40	
minimum elong	-8754 Oct 24 j 18:22	1°♍11'50	1°50'09	
	-8754 Oct 26 j 15:56	30°℞♌		
morning rise	-8754 Oct 30 j 18:59	27°♌33'26		
asc. node	-8754 Nov 01 j 05:02	26°♌48'24		
direct	-8754 Nov 14 j 01:14	23°♌24'24		
greatest brilliancy	-8754 Nov 23 j 08:38	25°♌02'58	-4.8m	
	-8754 Dec 03 j 15:50	0°♍		
morning max el	-8753 Jan 02 j 06:04	24°♍17'36	46°05'02	
	-8753 Jan 08 j 01:27	0°♎		
	-8753 Feb 05 j 11:55	0°♏		
desc. node	-8753 Feb 21 j 23:54	18°♏24'13		
	-8753 Mar 04 j 04:11	0°♐		
	-8753 Mar 29 j 21:45	0°♑		
	-8753 Apr 23 j 23:06	0°♒		
	-8753 May 18 j 11:53	0°♓		
	-8753 Jun 11 j 15:10	0°♈		
asc. node	-8753 Jun 13 j 20:52	2°♈48'04		
morning set	-8753 Jun 27 j 08:43	19°♈44'51		
	-8753 Jul 05 j 11:56	0°♉		
	-8753 Jul 29 j 05:26	0°♊		
superior conj	-8753 Aug 05 j 13:27	9°♊16'46	1°22'57	
minimum elong	-8753 Aug 05 j 11:31	9°♊10'41	1°23'26	
max. Earth dist.	-8753 Aug 07 j 09:20	11°♊35'35	1.70731 AU	
	-8753 Aug 21 j 22:54	0°♋		
	-8753 Sep 14 j 19:04	0°♌		
evening rise	-8753 Sep 16 j 16:40	2°♌22'54		
desc. node	-8753 Oct 04 j 10:33	24°♌33'16		
	-8753 Oct 08 j 19:31	0°♍		
	-8753 Nov 02 j 00:43	0°♎		
	-8753 Nov 26 j 11:13	0°♏		
	-8753 Dec 21 j 05:16	0°♐		
	-8752 Jan 15 j 12:26	0°♑		
asc. node	-8752 Jan 24 j 10:14	10°♑19'28		
	-8752 Feb 10 j 19:54	0°♒		
	-8752 Mar 10 j 06:11	0°♓		
evening max el	-8752 Mar 16 j 19:11	6°♓19'53	45°14'26	
	-8752 Apr 15 j 23:37	0°♈		
greatest brilliancy	-8752 Apr 24 j 05:23	3°♈43'21	-4.7m	
retrograde	-8752 May 04 j 08:34	5°♈32'00		
desc. node	-8752 May 16 j 06:59	2°♈48'21		
evening set	-8752 May 18 j 20:50	1°♈34'01		
	-8752 May 21 j 17:54	30°℞♓		
inferior conj	-8752 May 25 j 08:09	27°♓53'21	-2°09'08	
minimum elong	-8752 May 25 j 03:21	28°♓00'31	2°07'48	
min. Earth dist.	-8752 May 25 j 20:34	27°♓34'50	0.27334 AU	
morning rise	-8752 May 31 j 09:09	24°♓24'58		
direct	-8752 Jun 15 j 12:25	20°♓03'55		
greatest brilliancy	-8752 Jun 26 j 20:21	22°♓25'19	-4.9m	
	-8752 Jul 10 j 05:53	0°♈		
morning max el	-8752 Aug 05 j 00:56	22°♈50'35	46°44'24	
	-8752 Aug 11 j 22:26	0°♉		
asc. node	-8752 Sep 05 j 09:14	27°♉18'16		
	-8752 Sep 07 j 16:51	0°♊		
	-8752 Oct 02 j 21:38	0°♋		
	-8752 Oct 27 j 14:02	0°♌		
	-8752 Nov 21 j 04:25	0°♍		
	-8752 Dec 15 j 20:15	0°♎		
desc. node	-8752 Dec 27 j 00:21	13°♎34'11		
	-8751 Jan 09 j 13:02	0°♏		
	-8751 Feb 03 j 04:40	0°♐		
morning set	-8751 Feb 08 j 23:10	7°♐02'26		
	-8751 Feb 27 j 17:28	0°♑		
max. Earth dist.	-8751 Mar 13 j 12:35	16°♑56'36	1.73571 AU	
superior conj	-8751 Mar 16 j 18:01	20°♑54'48	-1°04'24	
minimum elong	-8751 Mar 17 j 01:41	21°♑18'24	1°04'43	
	-8751 Mar 24 j 02:59	0°♒		
	-8751 Apr 17 j 09:45	0°♓		
asc. node	-8751 Apr 17 j 20:27	0°♓33'09		
evening rise	-8751 Apr 21 j 01:47	4°♓32'35		
	-8751 May 11 j 14:38	0°♈		
	-8751 Jun 04 j 18:47	0°♉		
	-8751 Jun 28 j 23:51	0°♊		
	-8751 Jul 23 j 08:16	0°♋		
desc. node	-8751 Aug 08 j 12:24	19°♋44'36		
	-8751 Aug 16 j 23:38	0°♌		
	-8751 Sep 11 j 03:58	0°♍		
	-8751 Oct 07 j 11:37	0°♎		
evening max el	-8751 Oct 23 j 07:56	16°♎47'19	46°33'59	
	-8751 Nov 06 j 03:43	0°♏		
asc. node	-8751 Nov 28 j 15:25	16°♏01'54		
greatest brilliancy	-8751 Dec 01 j 07:06	17°♏11'53	-4.8m	
retrograde	-8751 Dec 12 j 12:58	19°♏33'58		
evening set	-8751 Dec 28 j 20:50	14°♏14'55		
inferior conj	-8750 Jan 02 j 20:05	11°♏07'01	6°50'57	
minimum elong	-8750 Jan 02 j 12:08	11°♏19'52	6°49'24	
min. Earth dist.	-8750 Jan 02 j 07:04	11°♏28'02	0.29197 AU	
morning rise	-8750 Jan 07 j 03:52	8°♏23'14		
direct	-8750 Jan 24 j 09:38	2°♏41'23		
greatest brilliancy	-8750 Feb 02 j 09:24	4°♏10'15	-4.7m	
	-8750 Mar 11 j 16:55	0°♐		
morning max el	-8750 Mar 14 j 03:25	2°♐17'16	45°55'43	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

desc. node	-8750 Mar 21 j 11:40	9°♐25'22	
	-8750 Apr 10 j 05:18	0°♑	
	-8750 May 06 j 22:11	0°♒	
	-8750 Jun 01 j 07:16	0°♓	
	-8750 Jun 25 j 21:05	0°♈	
asc. node	-8750 Jul 11 j 10:16	19°♈19'42	
	-8750 Jul 19 j 22:46	0°♉	
	-8750 Aug 12 j 17:54	0°♊	
	-8750 Sep 05 j 11:22	0°♋	
morning set	-8750 Sep 10 j 20:32	6°♋47'45	
	-8750 Sep 29 j 06:56	0°♌	
superior conj	-8750 Oct 23 j 04:46	29°♌54'12	0°19'51
minimum elong	-8750 Oct 23 j 10:08	0°♍10'57	0°19'56
	-8750 Oct 23 j 06:37	0°♍	
max. Earth dist.	-8750 Oct 29 j 13:03	7°♍48'04	1.71981 AU
desc. node	-8750 Oct 31 j 23:34	10°♍49'54	
	-8750 Nov 16 j 10:36	0°♎	
evening rise	-8750 Dec 03 j 21:59	21°♎34'39	
	-8750 Dec 10 j 18:04	0°♏	
	-8749 Jan 04 j 04:34	0°♐	
	-8749 Jan 28 j 19:00	0°♑	
asc. node	-8749 Feb 20 j 21:44	27°♑53'43	
	-8749 Feb 22 j 15:54	0°♒	
	-8749 Mar 19 j 22:51	0°♓	
	-8749 Apr 14 j 21:16	0°♈	
	-8749 May 11 j 23:33	0°♉	
evening max el	-8749 May 30 j 05:03	18°♉45'29	46°49'50
	-8749 Jun 11 j 05:28	0°♊	
desc. node	-8749 Jun 13 j 17:13	2°♊09'49	
greatest brilliancy	-8749 Jul 10 j 06:33	19°♊07'38	-4.9m
retrograde	-8749 Jul 19 j 11:17	20°♊42'25	
evening set	-8749 Aug 06 j 08:39	14°♊42'03	
inferior conj	-8749 Aug 09 j 04:22	13°♊00'07	-8°58'09
minimum elong	-8749 Aug 09 j 04:35	12°♊59'46	8°57'37
min. Earth dist.	-8749 Aug 08 j 21:24	13°♊10'41	0.26578 AU
morning rise	-8749 Aug 12 j 00:33	11°♊17'38	
direct	-8749 Aug 29 j 10:48	5°♊28'02	
greatest brilliancy	-8749 Sep 08 j 15:30	7°♊26'44	-4.9m
asc. node	-8749 Oct 03 j 20:36	24°♊20'33	
	-8749 Oct 10 j 00:47	0°♋	
morning max el	-8749 Oct 18 j 22:24	8°♋45'33	46°35'29
	-8749 Nov 07 j 20:18	0°♌	
	-8749 Dec 04 j 06:53	0°♍	
	-8749 Dec 30 j 00:32	0°♎	
	-8748 Jan 24 j 10:34	0°♏	
desc. node	-8748 Jan 24 j 13:30	0°♏08'42	
	-8748 Feb 18 j 14:10	0°♐	
	-8748 Mar 14 j 10:41	0°♑	
	-8748 Apr 07 j 23:53	0°♒	
morning set	-8748 Apr 16 j 12:53	10°♒31'13	
	-8748 May 02 j 06:32	0°♓	
asc. node	-8748 May 15 j 09:36	16°♓20'24	
max. Earth dist.	-8748 May 17 j 21:52	19°♓28'25	1.72107 AU
superior conj	-8748 May 22 j 07:25	24°♓58'05	0°16'03
minimum elong	-8748 May 22 j 04:15	24°♓48'13	0°15'46
behind sun begin	-8748 May 22 j 00:33	24°♓36'38	
behind sun end	-8748 May 22 j 07:57	24°♓59'47	
	-8748 May 26 j 07:59	0°♈	
	-8748 Jun 19 j 06:01	0°♉	
evening rise	-8748 Jun 28 j 06:13	11°♉19'25	
	-8748 Jul 13 j 02:45	0°♊	
	-8748 Aug 06 j 00:34	0°♋	
	-8748 Aug 30 j 01:44	0°♌	
desc. node	-8748 Sep 05 j 00:13	7°♌21'55	
	-8748 Sep 23 j 08:17	0°♍	
	-8748 Oct 17 j 22:43	0°♎	
	-8748 Nov 12 j 02:17	0°♏	
	-8748 Dec 08 j 08:42	0°♐	
asc. node	-8748 Dec 26 j 01:48	18°♐49'25	
evening max el	-8747 Jan 01 j 20:24	25°♐32'39	45°07'20
	-8747 Jan 06 j 13:09	0°♑	
greatest brilliancy	-8747 Feb 08 j 11:40	23°♑04'49	-4.7m
retrograde	-8747 Feb 19 j 02:26	25°♑06'25	
evening set	-8747 Mar 08 j 03:00	19°♑40'07	
inferior conj	-8747 Mar 12 j 13:21	16°♑58'22	6°53'07
minimum elong	-8747 Mar 12 j 21:17	16°♑46'00	6°51'26
min. Earth dist.	-8747 Mar 13 j 14:30	16°♑19'10	0.29266 AU
morning rise	-8747 Mar 17 j 15:05	13°♑52'39	
direct	-8747 Apr 03 j 11:47	8°♑30'52	
greatest brilliancy	-8747 Apr 14 j 13:37	10°♑41'27	-4.7m
desc. node	-8747 Apr 17 j 22:32	12°♑06'32	
	-8747 May 13 j 04:06	0°♒	
morning max el	-8747 May 23 j 01:31	9°♒14'09	46°17'43
	-8747 Jun 12 j 01:23	0°♓	
	-8747 Jul 08 j 10:06	0°♈	
	-8747 Aug 02 j 09:03	0°♉	
asc. node	-8747 Aug 07 j 23:15	6°♉51'38	
	-8747 Aug 26 j 15:30	0°♊	
	-8747 Sep 19 j 15:15	0°♋	
	-8747 Oct 13 j 14:46	0°♌	
	-8747 Nov 06 j 17:39	0°♍	
morning set	-8747 Nov 27 j 02:38	25°♍10'30	
desc. node	-8747 Nov 28 j 12:57	26°♍56'15	
	-8747 Dec 01 j 00:36	0°♎	
	-8747 Dec 25 j 10:16	0°♏	
superior conj	-8746 Jan 05 j 23:49	14°♏11'55	-1°11'27
minimum elong	-8746 Jan 05 j 15:59	13°♏47'53	1°11'37
max. Earth dist.	-8746 Jan 06 j 09:11	14°♏40'40	1.73551 AU
	-8746 Jan 18 j 20:51	0°♐	
evening rise	-8746 Feb 11 j 19:46	29°♐23'58	
	-8746 Feb 12 j 07:31	0°♑	
greatest brilliancy	-8746 Feb 19 j 04:05	8°♑24'42	-3.9m
	-8746 Mar 08 j 18:42	0°♒	
asc. node	-8746 Mar 20 j 09:52	14°♒14'07	
	-8746 Apr 02 j 07:32	0°♓	
	-8746 Apr 26 j 23:15	0°♈	
	-8746 May 21 j 19:21	0°♉	
	-8746 Jun 15 j 23:07	0°♊	
desc. node	-8746 Jul 11 j 03:35	29°♊16'55	
	-8746 Jul 11 j 18:44	0°♋	
	-8746 Aug 08 j 04:58	0°♌	
evening max el	-8746 Aug 11 j 03:39	3°♌01'15	47°47'34
	-8746 Sep 11 j 08:52	0°♍	
greatest brilliancy	-8746 Sep 21 j 10:30	5°♍08'32	-4.9m
retrograde	-8746 Oct 01 j 09:31	7°♍04'25	
evening set	-8746 Oct 16 j 10:33	2°♍26'42	
	-8746 Oct 20 j 11:43	30°℞♌	
min. Earth dist.	-8746 Oct 21 j 13:45	29°♌18'57	0.27228 AU
inferior conj	-8746 Oct 22 j 04:46	28°♌55'12	-2°13'29
minimum elong	-8746 Oct 22 j 09:25	28°♌47'51	2°11'44
morning rise	-8746 Oct 28 j 09:03	25°♌11'41	
asc. node	-8746 Oct 31 j 07:07	23°♌43'08	
direct	-8746 Nov 11 j 15:16	21°♌02'41	
greatest brilliancy	-8746 Nov 20 j 22:48	22°♌42'00	-4.8m
	-8746 Dec 04 j 21:00	0°♍	
morning max el	-8746 Dec 30 j 21:49	22°♍04'11	46°05'52
	-8745 Jan 07 j 22:02	0°♎	
	-8745 Feb 05 j 03:12	0°♏	
desc. node	-8745 Feb 21 j 02:09	17°♏51'30	
	-8745 Mar 03 j 17:20	0°♐	
	-8745 Mar 29 j 09:49	0°♑	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8745 Apr 23 j 10:34	0°♒	
	-8745 May 17 j 23:03	0°♓	
	-8745 Jun 11 j 02:12	0°♈	
asc. node	-8745 Jun 12 j 23:03	2°♈20'22	
morning set	-8745 Jun 24 j 23:42	17°♈26'21	
	-8745 Jul 04 j 22:58	0°♉	
	-8745 Jul 28 j 16:31	0°♊	
superior conj	-8745 Aug 03 j 00:53	6°♊45'58	1°22'32
minimum elong	-8745 Aug 02 j 22:00	6°♊36'52	1°23'00
max. Earth dist.	-8745 Aug 04 j 13:50	8°♊42'49	1.70739 AU
	-8745 Aug 21 j 10:05	0°♋	
evening rise	-8745 Sep 13 j 23:59	29°♋40'03	
	-8745 Sep 14 j 06:21	0°♌	
desc. node	-8745 Oct 03 j 12:38	24°♌04'23	
	-8745 Oct 08 j 06:53	0°♍	
	-8745 Nov 01 j 12:10	0°♎	
	-8745 Nov 25 j 22:52	0°♏	
	-8745 Dec 20 j 17:22	0°♐	
	-8744 Jan 15 j 01:34	0°♑	
asc. node	-8744 Jan 23 j 12:32	9°♑46'51	
	-8744 Feb 10 j 11:15	0°♒	
	-8744 Mar 10 j 03:34	0°♓	
evening max el	-8744 Mar 14 j 10:21	4°♓06'43	45°12'20
	-8744 Apr 18 j 03:51	0°♈	
greatest brilliancy	-8744 Apr 21 j 18:33	1°♈25'01	-4.7m
retrograde	-8744 May 01 j 21:26	3°♈13'05	
	-8744 May 14 j 22:10	30°♓℞	
desc. node	-8744 May 15 j 09:07	29°♓46'49	
evening set	-8744 May 16 j 09:58	29°♓15'39	
inferior conj	-8744 May 22 j 21:36	25°♓34'09	-1°47'21
minimum elong	-8744 May 22 j 17:35	25°♓40'09	1°46'17
min. Earth dist.	-8744 May 23 j 11:10	25°♓13'51	0.27386 AU
morning rise	-8744 May 29 j 00:25	22°♓02'49	
direct	-8744 Jun 13 j 02:53	17°♓43'44	
greatest brilliancy	-8744 Jun 24 j 10:52	20°♓04'40	-4.9m
	-8744 Jul 11 j 00:49	0°♈	
morning max el	-8744 Aug 02 j 14:02	20°♈24'49	46°43'52
	-8744 Aug 11 j 18:25	0°♉	
asc. node	-8744 Sep 04 j 11:33	26°♉39'05	
	-8744 Sep 07 j 08:22	0°♊	
	-8744 Oct 02 j 11:21	0°♋	
	-8744 Oct 27 j 02:48	0°♌	
	-8744 Nov 20 j 16:33	0°♍	
	-8744 Dec 15 j 07:54	0°♎	
desc. node	-8744 Dec 26 j 02:32	13°♎05'58	
	-8743 Jan 09 j 00:19	0°♏	
	-8743 Feb 02 j 15:41	0°♐	
morning set	-8743 Feb 06 j 16:50	4°♐56'22	
	-8743 Feb 27 j 04:21	0°♑	
max. Earth dist.	-8743 Mar 11 j 08:55	14°♑58'12	1.73598 AU
superior conj	-8743 Mar 14 j 13:31	18°♑53'44	-1°06'09
minimum elong	-8743 Mar 14 j 21:01	19°♑16'49	1°06'30
	-8743 Mar 23 j 13:52	0°♒	
asc. node	-8743 Apr 16 j 22:31	0°♓05'31	
	-8743 Apr 16 j 20:44	0°♓	
evening rise	-8743 Apr 18 j 21:14	2°♓30'06	
	-8743 May 11 j 01:50	0°♈	
	-8743 Jun 04 j 06:17	0°♉	
	-8743 Jun 28 j 11:46	0°♊	
	-8743 Jul 22 j 20:44	0°♋	
desc. node	-8743 Aug 07 j 14:40	19°♋12'19	
	-8743 Aug 16 j 12:53	0°♌	
	-8743 Sep 10 j 18:36	0°♍	
	-8743 Oct 07 j 05:22	0°♎	
evening max el	-8743 Oct 20 j 23:19	14°♎30'11	46°37'23
	-8743 Nov 06 j 09:11	0°♏	
asc. node	-8743 Nov 27 j 17:43	14°♏29'35	
greatest brilliancy	-8743 Nov 29 j 01:44	15°♏03'15	-4.8m
retrograde	-8743 Dec 10 j 06:03	17°♏24'12	
evening set	-8743 Dec 26 j 11:43	12°♏09'04	
min. Earth dist.	-8743 Dec 30 j 23:37	9°♏19'41	0.29142 AU
inferior conj	-8743 Dec 31 j 13:19	8°♏57'30	6°40'52
minimum elong	-8743 Dec 31 j 05:08	9°♏10'46	6°39'15
morning rise	-8742 Jan 04 j 22:58	6°♏10'38	
direct	-8742 Jan 22 j 01:51	0°♏32'49	
greatest brilliancy	-8742 Jan 31 j 01:11	2°♏01'04	-4.7m
	-8742 Mar 11 j 16:02	0°♐	
morning max el	-8742 Mar 11 j 18:13	0°♐05'11	45°55'26
desc. node	-8742 Mar 20 j 13:47	8°♐41'11	
	-8742 Apr 09 j 21:16	0°♑	
	-8742 May 06 j 11:44	0°♒	
	-8742 May 31 j 19:43	0°♓	
	-8742 Jun 25 j 08:59	0°♈	
asc. node	-8742 Jul 10 j 12:29	18°♈50'04	
	-8742 Jul 19 j 10:22	0°♉	
	-8742 Aug 12 j 05:21	0°♊	
	-8742 Sep 04 j 22:44	0°♋	
morning set	-8742 Sep 08 j 06:32	4°♋12'00	
	-8742 Sep 28 j 18:14	0°♌	
superior conj	-8742 Oct 20 j 14:00	27°♌18'27	0°23'37
minimum elong	-8742 Oct 20 j 20:20	27°♌38'09	0°23'41
	-8742 Oct 22 j 17:52	0°♍	
max. Earth dist.	-8742 Oct 27 j 01:58	5°♍23'57	1.71913 AU
desc. node	-8742 Oct 31 j 01:37	10°♍21'19	
	-8742 Nov 15 j 21:49	0°♎	
evening rise	-8742 Dec 01 j 10:57	19°♎12'04	
	-8742 Dec 10 j 05:19	0°♏	
	-8741 Jan 03 j 15:54	0°♐	
	-8741 Jan 28 j 06:36	0°♑	
asc. node	-8741 Feb 19 j 23:58	27°♑24'16	
	-8741 Feb 22 j 04:02	0°♒	
	-8741 Mar 19 j 12:00	0°♓	
	-8741 Apr 14 j 12:18	0°♈	
	-8741 May 11 j 18:36	0°♉	
evening max el	-8741 May 27 j 16:34	16°♉16'29	46°46'10
	-8741 Jun 11 j 14:08	0°♊	
desc. node	-8741 Jun 12 j 19:31	1°♊01'57	
greatest brilliancy	-8741 Jul 07 j 18:20	16°♊36'41	-4.9m
retrograde	-8741 Jul 16 j 22:47	18°♊11'29	
evening set	-8741 Aug 03 j 19:09	12°♊13'35	
inferior conj	-8741 Aug 06 j 16:18	10°♊29'52	-8°57'27
minimum elong	-8741 Aug 06 j 15:33	10°♊31'01	8°56'57
min. Earth dist.	-8741 Aug 06 j 09:41	10°♊39'54	0.26581 AU
morning rise	-8741 Aug 09 j 11:55	8°♊48'26	
direct	-8741 Aug 26 j 22:29	2°♊57'34	
greatest brilliancy	-8741 Sep 06 j 05:07	4°♊57'50	-4.9m
asc. node	-8741 Oct 02 j 22:39	23°♊14'35	
	-8741 Oct 10 j 03:39	0°♋	
morning max el	-8741 Oct 16 j 11:00	6°♋16'29	46°36'35
	-8741 Nov 07 j 13:59	0°♌	
	-8741 Dec 03 j 21:32	0°♍	
	-8741 Dec 29 j 13:40	0°♎	
desc. node	-8740 Jan 23 j 15:41	29°♎38'46	
	-8740 Jan 23 j 22:50	0°♏	
	-8740 Feb 18 j 01:52	0°♐	
	-8740 Mar 13 j 22:01	0°♑	
	-8740 Apr 07 j 11:01	0°♒	
morning set	-8740 Apr 14 j 08:06	8°♒28'11	
	-8740 May 01 j 17:35	0°♓	
asc. node	-8740 May 14 j 11:45	15°♓52'29	
max. Earth dist.	-8740 May 15 j 17:19	17°♓24'43	1.72171 AU

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

superior conj	-8740 May 20 j 01:03	22°♓48'31	0°12'56
minimum elong	-8740 May 19 j 22:31	22°♓40'34	0°12'41
behind sun begin	-8740 May 19 j 08:36	21°♓57'05	
behind sun end	-8740 May 20 j 12:26	23°♓24'04	
	-8740 May 25 j 19:06	0°♈	
	-8740 Jun 18 j 17:18	0°♉	
evening rise	-8740 Jun 25 j 21:15	9°♉00'12	
	-8740 Jul 12 j 14:14	0°♊	
	-8740 Aug 05 j 12:15	0°♋	
	-8740 Aug 29 j 13:40	0°♌	
desc. node	-8740 Sep 04 j 02:18	6°♌51'13	
	-8740 Sep 22 j 20:33	0°♍	
	-8740 Oct 17 j 11:30	0°♎	
	-8740 Nov 11 j 16:08	0°♏	
	-8740 Dec 08 j 01:01	0°♐	
asc. node	-8740 Dec 25 j 04:06	18°♐04'46	
evening max el	-8740 Dec 30 j 12:16	23°♐21'32	45°09'05
	-8739 Jan 06 j 13:58	0°♑	
greatest brilliancy	-8739 Feb 06 j 02:47	20°♑56'14	-4.7m
retrograde	-8739 Feb 16 j 19:37	22°♑59'33	
evening set	-8739 Mar 05 j 21:46	17°♑29'19	
inferior conj	-8739 Mar 10 j 06:06	14°♑50'11	7°02'21
minimum elong	-8739 Mar 10 j 13:42	14°♑38'19	7°00'47
min. Earth dist.	-8739 Mar 11 j 06:05	14°♑12'44	0.29314 AU
morning rise	-8739 Mar 15 j 05:16	11°♑48'11	
direct	-8739 Apr 01 j 05:02	6°♑21'55	
greatest brilliancy	-8739 Apr 12 j 04:50	8°♑31'03	-4.7m
desc. node	-8739 Apr 17 j 00:40	10°♑37'53	
	-8739 May 13 j 06:49	0°♒	
morning max el	-8739 May 20 j 18:44	7°♒04'25	46°16'38
	-8739 Jun 11 j 18:32	0°♓	
	-8739 Jul 08 j 00:26	0°♈	
	-8739 Aug 01 j 22:09	0°♉	
asc. node	-8739 Aug 07 j 01:26	6°♉18'37	
	-8739 Aug 26 j 03:56	0°♊	
	-8739 Sep 19 j 03:17	0°♋	
	-8739 Oct 13 j 02:32	0°♌	
	-8739 Nov 06 j 05:12	0°♍	
morning set	-8739 Nov 24 j 14:41	22°♍44'35	
desc. node	-8739 Nov 27 j 15:09	26°♍27'59	
	-8739 Nov 30 j 11:57	0°♎	
	-8739 Dec 24 j 21:27	0°♏	
superior conj	-8738 Jan 03 j 15:47	11°♏59'24	-1°09'51
minimum elong	-8738 Jan 03 j 07:31	11°♏34'03	1°09'59
max. Earth dist.	-8738 Jan 04 j 06:15	12°♏43'48	1.73521 AU
	-8738 Jan 18 j 07:57	0°♐	
evening rise	-8738 Feb 09 j 14:34	27°♐20'19	
	-8738 Feb 11 j 18:38	0°♑	
greatest brilliancy	-8738 Feb 17 j 22:03	7°♑31'59	-3.9m
	-8738 Mar 08 j 06:00	0°♒	
asc. node	-8738 Mar 19 j 11:55	13°♒45'26	
	-8738 Apr 01 j 19:12	0°♓	
	-8738 Apr 26 j 11:28	0°♈	
	-8738 May 21 j 08:23	0°♉	
	-8738 Jun 15 j 13:27	0°♊	
desc. node	-8738 Jul 10 j 05:50	28°♊36'17	
	-8738 Jul 11 j 11:24	0°♋	
	-8738 Aug 08 j 03:21	0°♌	
evening max el	-8738 Aug 08 j 19:42	0°♌41'35	47°47'52
	-8738 Sep 13 j 01:49	0°♍	
greatest brilliancy	-8738 Sep 19 j 01:47	2°♍44'15	-4.9m
retrograde	-8738 Sep 29 j 00:39	4°♍39'32	
evening set	-8738 Oct 14 j 02:45	29°♌59'45	
	-8738 Oct 14 j 02:35	30°℞♌	
min. Earth dist.	-8738 Oct 19 j 04:09	26°♌54'34	0.27175 AU
inferior conj	-8738 Oct 19 j 18:59	26°♌31'06	-2°35'12
minimum elong	-8738 Oct 20 j 00:21	26°♌22'38	2°33'14
morning rise	-8738 Oct 25 j 22:47	22°♌48'52	
asc. node	-8738 Oct 30 j 09:28	20°♌41'01	
direct	-8738 Nov 09 j 05:30	18°♌39'55	
greatest brilliancy	-8738 Nov 18 j 12:36	20°♌19'22	-4.8m
	-8738 Dec 05 j 18:42	0°♍	
morning max el	-8738 Dec 28 j 13:15	19°♍49'01	46°06'46
	-8737 Jan 07 j 18:17	0°♎	
	-8737 Feb 04 j 18:33	0°♏	
desc. node	-8737 Feb 20 j 04:13	17°♏17'43	
	-8737 Mar 03 j 06:38	0°♐	
	-8737 Mar 28 j 22:05	0°♑	
	-8737 Apr 22 j 22:18	0°♒	
	-8737 May 17 j 10:31	0°♓	
	-8737 Jun 10 j 13:33	0°♈	
asc. node	-8737 Jun 12 j 01:17	1°♈51'50	
morning set	-8737 Jun 22 j 14:42	15°♈06'58	
	-8737 Jul 04 j 10:17	0°♉	
	-8737 Jul 28 j 03:51	0°♊	
superior conj	-8737 Jul 31 j 12:28	4°♊14'55	1°21'57
minimum elong	-8737 Jul 31 j 08:41	4°♊02'56	1°22'23
max. Earth dist.	-8737 Aug 01 j 15:54	5°♊41'41	1.70745 AU
	-8737 Aug 20 j 21:30	0°♋	
evening rise	-8737 Sep 11 j 07:20	26°♋56'27	
	-8737 Sep 13 j 17:52	0°♌	
desc. node	-8737 Oct 02 j 14:41	23°♌34'47	
	-8737 Oct 07 j 18:29	0°♍	
	-8737 Oct 31 j 23:53	0°♎	
	-8737 Nov 25 j 10:48	0°♏	
	-8737 Dec 20 j 05:47	0°♐	
	-8736 Jan 14 j 15:01	0°♑	
asc. node	-8736 Jan 22 j 14:49	9°♑13'19	
	-8736 Feb 10 j 03:03	0°♒	
	-8736 Mar 10 j 02:01	0°♓	
evening max el	-8736 Mar 12 j 00:38	1°♓50'57	45°10'14
greatest brilliancy	-8736 Apr 19 j 08:00	29°♓06'26	-4.7m
	-8736 Apr 22 j 08:38	0°♈	
retrograde	-8736 Apr 29 j 09:52	0°♈53'42	
	-8736 May 06 j 05:56	30°℞♓	
evening set	-8736 May 13 j 23:16	26°♓56'17	
desc. node	-8736 May 14 j 11:26	26°♓40'28	
inferior conj	-8736 May 20 j 11:03	23°♓14'27	-1°25'30
minimum elong	-8736 May 20 j 07:50	23°♓19'16	1°24'41
min. Earth dist.	-8736 May 21 j 02:09	22°♓51'49	0.27444 AU
morning rise	-8736 May 26 j 15:30	19°♓40'16	
direct	-8736 Jun 10 j 16:49	15°♓22'41	
greatest brilliancy	-8736 Jun 22 j 02:05	17°♓44'00	-4.9m
	-8736 Jul 11 j 15:27	0°♈	
morning max el	-8736 Jul 31 j 02:42	17°♈57'02	46°43'25
	-8736 Aug 11 j 14:09	0°♉	
asc. node	-8736 Sep 03 j 13:38	25°♉58'51	
	-8736 Sep 06 j 23:56	0°♊	
	-8736 Oct 02 j 01:09	0°♋	
	-8736 Oct 26 j 15:38	0°♌	
	-8736 Nov 20 j 04:46	0°♍	
	-8736 Dec 14 j 19:40	0°♎	
desc. node	-8736 Dec 25 j 04:38	12°♎37'02	
	-8735 Jan 08 j 11:43	0°♏	
	-8735 Feb 02 j 02:51	0°♐	
morning set	-8735 Feb 04 j 10:28	2°♐49'44	
	-8735 Feb 26 j 15:22	0°♑	
max. Earth dist.	-8735 Mar 09 j 04:59	12°♑58'35	1.73622 AU
superior conj	-8735 Mar 12 j 09:12	16°♑52'53	-1°07'49
minimum elong	-8735 Mar 12 j 16:31	17°♑15'23	1°08'11
	-8735 Mar 23 j 00:52	0°♒	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

asc. node	-8735 Apr 16 j 00:46	29°♒38'10	
	-8735 Apr 16 j 07:49	0°♓	
evening rise	-8735 Apr 16 j 16:54	0°♓28'05	
	-8735 May 10 j 13:08	0°♈	
	-8735 Jun 03 j 17:57	0°♉	
	-8735 Jun 27 j 23:53	0°♊	
	-8735 Jul 22 j 09:26	0°♋	
desc. node	-8735 Aug 06 j 16:45	18°♋38'47	
	-8735 Aug 16 j 02:24	0°♌	
	-8735 Sep 10 j 09:33	0°♍	
	-8735 Oct 06 j 23:37	0°♎	
evening max el	-8735 Oct 18 j 13:58	12°♎10'46	46°40'58
	-8735 Nov 06 j 17:01	0°♏	
asc. node	-8735 Nov 26 j 20:02	12°♏53'42	
greatest brilliancy	-8735 Nov 26 j 20:06	12°♏53'46	-4.8m
retrograde	-8735 Dec 07 j 23:06	15°♏14'06	
evening set	-8735 Dec 24 j 02:33	10°♏02'31	
min. Earth dist.	-8735 Dec 28 j 16:13	7°♏10'40	0.29087 AU
inferior conj	-8735 Dec 29 j 06:31	6°♏47'33	6°30'15
minimum elong	-8735 Dec 28 j 22:07	7°♏01'09	6°28'32
morning rise	-8734 Jan 02 j 18:05	3°♏57'37	
	-8734 Jan 10 j 18:31	30°℞♎	
direct	-8734 Jan 19 j 17:36	28°♎23'36	
greatest brilliancy	-8734 Jan 28 j 17:20	29°♎51'52	-4.7m
	-8734 Jan 29 j 03:28	0°♏	
morning max el	-8734 Mar 09 j 09:30	27°♏54'01	45°55'21
	-8734 Mar 11 j 14:18	0°♐	
desc. node	-8734 Mar 19 j 15:54	7°♐57'28	
	-8734 Apr 09 j 13:00	0°♑	
	-8734 May 06 j 01:11	0°♒	
	-8734 May 31 j 08:06	0°♓	
	-8734 Jun 24 j 20:49	0°♈	
asc. node	-8734 Jul 09 j 14:38	18°♈20'17	
	-8734 Jul 18 j 21:57	0°♉	
	-8734 Aug 11 j 16:50	0°♊	
	-8734 Sep 04 j 10:09	0°♋	
morning set	-8734 Sep 05 j 16:10	1°♋34'48	
	-8734 Sep 28 j 05:36	0°♌	
superior conj	-8734 Oct 17 j 22:43	24°♌40'47	0°27'22
minimum elong	-8734 Oct 18 j 05:58	25°♌03'23	0°27'25
	-8734 Oct 22 j 05:09	0°♍	
max. Earth dist.	-8734 Oct 24 j 11:27	2°♍49'05	1.71842 AU
desc. node	-8734 Oct 30 j 03:52	9°♍53'18	
	-8734 Nov 15 j 09:03	0°♎	
evening rise	-8734 Nov 28 j 23:29	16°♎48'07	
	-8734 Dec 09 j 16:32	0°♏	
	-8733 Jan 03 j 03:13	0°♐	
	-8733 Jan 27 j 18:11	0°♑	
asc. node	-8733 Feb 19 j 02:06	26°♑54'30	
	-8733 Feb 21 j 16:10	0°♒	
	-8733 Mar 19 j 01:10	0°♓	
	-8733 Apr 14 j 03:25	0°♈	
	-8733 May 11 j 13:58	0°♉	
evening max el	-8733 May 25 j 04:46	13°♉50'01	46°42'35
desc. node	-8733 Jun 11 j 21:42	29°♉52'31	
	-8733 Jun 12 j 01:23	0°♊	
greatest brilliancy	-8733 Jul 05 j 05:19	14°♊05'34	-4.9m
retrograde	-8733 Jul 14 j 10:43	15°♊41'15	
evening set	-8733 Aug 01 j 05:02	9°♊46'17	
inferior conj	-8733 Aug 04 j 04:13	7°♊59'58	-8°55'40
minimum elong	-8733 Aug 04 j 02:28	8°♊02'37	8°55'08
min. Earth dist.	-8733 Aug 03 j 21:34	8°♊10'00	0.26589 AU
morning rise	-8733 Aug 06 j 23:52	6°♊18'50	
direct	-8733 Aug 24 j 10:45	0°♊27'26	
greatest brilliancy	-8733 Sep 03 j 18:23	2°♊28'53	-4.9m
asc. node	-8733 Oct 02 j 01:00	22°♊10'59	
	-8733 Oct 10 j 05:04	0°♋	
morning max el	-8733 Oct 14 j 00:41	3°♋50'11	46°37'29
	-8733 Nov 07 j 07:19	0°♌	
	-8733 Dec 03 j 11:59	0°♍	
	-8733 Dec 29 j 02:39	0°♎	
desc. node	-8732 Jan 22 j 17:46	29°♎08'59	
	-8732 Jan 23 j 10:55	0°♏	
	-8732 Feb 17 j 13:24	0°♐	
	-8732 Mar 13 j 09:11	0°♑	
	-8732 Apr 06 j 21:59	0°♒	
morning set	-8732 Apr 12 j 03:25	6°♒26'01	
	-8732 May 01 j 04:30	0°♓	
max. Earth dist.	-8732 May 13 j 11:33	15°♓17'48	1.72229 AU
asc. node	-8732 May 13 j 14:02	15°♓25'30	
superior conj	-8732 May 17 j 18:59	20°♓40'26	0°09'49
minimum elong	-8732 May 17 j 17:04	20°♓34'27	0°09'35
behind sun begin	-8732 May 16 j 22:49	19°♓37'30	
behind sun end	-8732 May 18 j 11:18	21°♓31'24	
	-8732 May 25 j 06:04	0°♈	
	-8732 Jun 18 j 04:23	0°♉	
evening rise	-8732 Jun 23 j 12:42	6°♉43'02	
	-8732 Jul 12 j 01:29	0°♊	
	-8732 Aug 04 j 23:43	0°♋	
	-8732 Aug 29 j 01:24	0°♌	
desc. node	-8732 Sep 03 j 04:25	6°♌21'13	
	-8732 Sep 22 j 08:40	0°♍	
	-8732 Oct 17 j 00:13	0°♎	
	-8732 Nov 11 j 05:57	0°♏	
	-8732 Dec 07 j 17:29	0°♐	
asc. node	-8732 Dec 24 j 06:20	17°♐19'45	
evening max el	-8732 Dec 28 j 04:47	21°♐12'19	45°11'03
	-8731 Jan 06 j 15:54	0°♑	
greatest brilliancy	-8731 Feb 03 j 18:14	18°♑48'38	-4.7m
retrograde	-8731 Feb 14 j 12:37	20°♑53'05	
evening set	-8731 Mar 03 j 16:27	15°♑19'21	
inferior conj	-8731 Mar 07 j 22:49	12°♑42'34	7°10'59
minimum elong	-8731 Mar 08 j 06:02	12°♑31'16	7°09'32
min. Earth dist.	-8731 Mar 08 j 21:30	12°♑07'06	0.29357 AU
morning rise	-8731 Mar 12 j 19:21	9°♑44'11	
direct	-8731 Mar 29 j 22:30	4°♑13'44	
greatest brilliancy	-8731 Apr 09 j 19:25	6°♑20'36	-4.7m
desc. node	-8731 Apr 16 j 03:02	9°♑12'54	
	-8731 May 13 j 07:53	0°♒	
morning max el	-8731 May 18 j 11:42	4°♒54'55	46°15'34
	-8731 Jun 11 j 11:07	0°♓	
	-8731 Jul 07 j 14:22	0°♈	
	-8731 Aug 01 j 10:52	0°♉	
asc. node	-8731 Aug 06 j 03:34	5°♉46'30	
	-8731 Aug 25 j 16:01	0°♊	
	-8731 Sep 18 j 14:58	0°♋	
	-8731 Oct 12 j 13:58	0°♌	
	-8731 Nov 05 j 16:28	0°♍	
morning set	-8731 Nov 22 j 02:28	20°♍18'29	
desc. node	-8731 Nov 26 j 17:14	26°♍00'09	
	-8731 Nov 29 j 23:03	0°♎	
	-8731 Dec 24 j 08:24	0°♏	
superior conj	-8730 Jan 01 j 07:12	9°♏45'53	-1°08'07
minimum elong	-8731 Dec 31 j 22:33	9°♏19'21	1°08'11
max. Earth dist.	-8730 Jan 02 j 03:39	10°♏48'42	1.73488 AU
	-8730 Jan 17 j 18:48	0°♐	
evening rise	-8730 Feb 07 j 08:58	25°♐16'12	
	-8730 Feb 11 j 05:30	0°♑	
greatest brilliancy	-8730 Feb 16 j 17:49	6°♑45'39	-3.9m
	-8730 Mar 07 j 17:03	0°♒	
asc. node	-8730 Mar 18 j 14:13	13°♒18'17	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8730 Apr 01 j 06:38	0°♓		
	-8730 Apr 25 j 23:29	0°♈		
	-8730 May 20 j 21:15	0°♉		
	-8730 Jun 15 j 03:38	0°♊		
desc. node	-8730 Jul 09 j 07:59	27°♊55'55		
	-8730 Jul 11 j 04:00	0°♋		
evening max el	-8730 Aug 06 j 11:45	28°♋23'04	47°48'03	
	-8730 Aug 08 j 02:09	0°♌		
	-8730 Sep 15 j 18:28	0°♍		
greatest brilliancy	-8730 Sep 16 j 17:31	0°♍21'57	-4.9m	
retrograde	-8730 Sep 26 j 15:37	2°♍15'54		
	-8730 Oct 07 j 00:08	30°℞♌		
evening set	-8730 Oct 11 j 19:13	27°♌34'13		
inferior conj	-8730 Oct 17 j 09:19	24°♌08'30	-2°56'37	
minimum elong	-8730 Oct 17 j 15:21	23°♌58'58	2°54'27	
min. Earth dist.	-8730 Oct 16 j 18:49	24°♌31'25	0.27123 AU	
morning rise	-8730 Oct 23 j 12:22	20°♌27'33		
asc. node	-8730 Oct 29 j 11:45	17°♌45'34		
direct	-8730 Nov 06 j 19:41	16°♌18'44		
greatest brilliancy	-8730 Nov 16 j 02:44	17°♌58'14	-4.8m	
	-8730 Dec 06 j 10:16	0°♍		
morning max el	-8730 Dec 26 j 04:00	17°♍32'58	46°07'29	
	-8729 Jan 07 j 13:34	0°♎		
	-8729 Feb 04 j 09:23	0°♏		
desc. node	-8729 Feb 19 j 06:22	16°♏45'07		
	-8729 Mar 02 j 19:34	0°♐		
	-8729 Mar 28 j 10:01	0°♑		
	-8729 Apr 22 j 09:42	0°♒		
	-8729 May 16 j 21:39	0°♓		
	-8729 Jun 10 j 00:35	0°♈		
asc. node	-8729 Jun 11 j 03:21	1°♈23'47		
morning set	-8729 Jun 20 j 05:45	12°♈48'49		
	-8729 Jul 03 j 21:18	0°♉		
	-8729 Jul 27 j 14:55	0°♊		
superior conj	-8729 Jul 29 j 00:22	1°♊45'45	1°21'12	
minimum elong	-8729 Jul 28 j 19:44	1°♊31'07	1°21'37	
max. Earth dist.	-8729 Jul 29 j 15:09	2°♊32'30	1.70756 AU	
	-8729 Aug 20 j 08:37	0°♋		
evening rise	-8729 Sep 08 j 14:58	24°♋14'43		
	-8729 Sep 13 j 05:03	0°♌		
desc. node	-8729 Oct 01 j 16:59	23°♌07'00		
	-8729 Oct 07 j 05:43	0°♍		
	-8729 Oct 31 j 11:13	0°♎		
	-8729 Nov 24 j 22:23	0°♏		
	-8729 Dec 19 j 17:54	0°♐		
	-8728 Jan 14 j 04:15	0°♑		
asc. node	-8728 Jan 21 j 16:56	8°♑40'05		
	-8728 Feb 09 j 18:46	0°♒		
evening max el	-8728 Mar 09 j 14:22	29°♒34'50	45°08'19	
	-8728 Mar 10 j 01:02	0°♓		
greatest brilliancy	-8728 Apr 16 j 21:32	26°♓49'14	-4.7m	
retrograde	-8728 Apr 26 j 22:28	28°♓36'10		
evening set	-8728 May 11 j 12:54	24°♓38'03		
desc. node	-8728 May 13 j 13:35	23°♓32'53		
inferior conj	-8728 May 18 j 00:43	20°♓56'23	-1°03'48	
minimum elong	-8728 May 17 j 22:19	21°♓00'00	1°03'13	
min. Earth dist.	-8728 May 18 j 17:28	20°♓31'16	0.27505 AU	
morning rise	-8728 May 24 j 06:39	17°♓19'43		
direct	-8728 Jun 08 j 06:45	13°♓03'03		
greatest brilliancy	-8728 Jun 19 j 18:02	15°♓25'40	-4.8m	
	-8728 Jul 12 j 01:58	0°♈		
morning max el	-8728 Jul 28 j 15:42	15°♈31'11	46°42'55	
	-8728 Aug 11 j 09:02	0°♉		
asc. node	-8728 Sep 02 j 15:54	25°♉20'18		
	-8728 Sep 06 j 15:00	0°♊		
	-8728 Oct 01 j 14:34	0°♋		
	-8728 Oct 26 j 04:07	0°♌		
	-8728 Nov 19 j 16:37	0°♍		
	-8728 Dec 14 j 07:03	0°♎		
desc. node	-8728 Dec 24 j 06:42	12°♎09'07		
	-8727 Jan 07 j 22:47	0°♏		
	-8727 Feb 01 j 13:41	0°♐		
morning set	-8727 Feb 02 j 04:06	0°♐43'58		
	-8727 Feb 26 j 02:07	0°♑		
max. Earth dist.	-8727 Mar 07 j 01:14	11°♑00'22	1.73650 AU	
superior conj	-8727 Mar 10 j 04:52	14°♑52'51	-1°09'23	
minimum elong	-8727 Mar 10 j 11:58	15°♑14'41	1°09'46	
	-8727 Mar 22 j 11:37	0°♒		
evening rise	-8727 Apr 14 j 12:32	28°♒26'49		
asc. node	-8727 Apr 15 j 02:58	29°♒11'27		
	-8727 Apr 15 j 18:40	0°♓		
	-8727 May 10 j 00:13	0°♈		
	-8727 Jun 03 j 05:23	0°♉		
	-8727 Jun 27 j 11:47	0°♊		
	-8727 Jul 21 j 21:57	0°♋		
desc. node	-8727 Aug 05 j 18:56	18°♋06'01		
	-8727 Aug 15 j 15:48	0°♌		
	-8727 Sep 10 j 00:29	0°♍		
	-8727 Oct 06 j 18:05	0°♎		
evening max el	-8727 Oct 16 j 04:55	9°♎52'44	46°44'40	
	-8727 Nov 07 j 03:16	0°♏		
greatest brilliancy	-8727 Nov 24 j 14:05	10°♏44'32	-4.8m	
asc. node	-8727 Nov 25 j 22:11	11°♏15'06		
retrograde	-8727 Dec 05 j 16:33	13°♏05'03		
evening set	-8727 Dec 21 j 17:29	7°♏56'39		
inferior conj	-8727 Dec 26 j 23:46	4°♏38'33	6°19'06	
minimum elong	-8727 Dec 26 j 15:13	4°♏52'22	6°17'17	
min. Earth dist.	-8727 Dec 26 j 08:47	5°♏02'46	0.29030 AU	
morning rise	-8727 Dec 31 j 13:21	1°♏45'40		
	-8726 Jan 03 j 16:01	30°℞♎		
direct	-8726 Jan 17 j 09:23	26°♎15'16		
greatest brilliancy	-8726 Jan 26 j 09:27	27°♎43'46	-4.7m	
	-8726 Feb 01 j 02:44	0°♏		
morning max el	-8726 Mar 07 j 01:42	25°♏45'57	45°55'12	
	-8726 Mar 11 j 11:25	0°♐		
desc. node	-8726 Mar 18 j 18:13	7°♐15'38		
	-8726 Apr 09 j 04:17	0°♑		
	-8726 May 05 j 14:22	0°♒		
	-8726 May 30 j 20:17	0°♓		
	-8726 Jun 24 j 08:29	0°♈		
asc. node	-8726 Jul 08 j 16:46	17°♈50'59		
	-8726 Jul 18 j 09:22	0°♉		
	-8726 Aug 11 j 04:08	0°♊		
morning set	-8726 Sep 03 j 01:50	28°♊58'10		
	-8726 Sep 03 j 21:25	0°♋		
	-8726 Sep 27 j 16:48	0°♌		
superior conj	-8726 Oct 15 j 07:17	22°♌02'48	0°31'04	
minimum elong	-8726 Oct 15 j 15:25	22°♌28'11	0°31'07	
	-8726 Oct 21 j 16:19	0°♍		
max. Earth dist.	-8726 Oct 21 j 18:22	0°♍06'22	1.71774 AU	
desc. node	-8726 Oct 29 j 05:54	9°♍24'56		
	-8726 Nov 14 j 20:11	0°♎		
evening rise	-8726 Nov 26 j 11:54	14°♎24'05		
	-8726 Dec 09 j 03:39	0°♏		
	-8725 Jan 02 j 14:24	0°♐		
	-8725 Jan 27 j 05:37	0°♑		
asc. node	-8725 Feb 18 j 04:24	26°♑25'45		
	-8725 Feb 21 j 04:11	0°♒		
	-8725 Mar 18 j 14:18	0°♓		
	-8725 Apr 13 j 18:39	0°♈		
	-8725 May 11 j 09:52	0°♉		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

evening max el	-8725 May 22 j 18:07	11°♉26'39	46°38'55
desc. node	-8725 Jun 10 j 23:52	28°♉40'57	
	-8725 Jun 12 j 16:18	0°♊	
greatest brilliancy	-8725 Jul 02 j 15:43	11°♊34'00	-4.9m
retrograde	-8725 Jul 11 j 23:02	13°♊10'58	
evening set	-8725 Jul 29 j 14:22	7°♊19'43	
inferior conj	-8725 Aug 01 j 16:03	5°♊29'59	-8°52'49
minimum elong	-8725 Aug 01 j 13:20	5°♊34'04	8°52'13
min. Earth dist.	-8725 Aug 01 j 09:06	5°♊40'26	0.26597 AU
morning rise	-8725 Aug 04 j 12:17	3°♊48'18	
	-8725 Aug 12 j 00:18	30°℞♉	
direct	-8725 Aug 21 j 23:29	27°♉57'28	
	-8725 Sep 01 j 07:48	0°♊	
greatest brilliancy	-8725 Sep 01 j 07:01	29°♉59'16	-4.9m
asc. node	-8725 Oct 01 j 03:18	21°♊08'53	
	-8725 Oct 10 j 05:16	0°♋	
morning max el	-8725 Oct 11 j 14:52	1°♋25'13	46°38'15
	-8725 Nov 07 j 00:17	0°♌	
	-8725 Dec 03 j 02:18	0°♍	
	-8725 Dec 28 j 15:34	0°♎	
desc. node	-8724 Jan 21 j 19:52	28°♎39'21	
	-8724 Jan 22 j 22:58	0°♏	
	-8724 Feb 17 j 00:52	0°♐	
	-8724 Mar 12 j 20:17	0°♑	
	-8724 Apr 06 j 08:55	0°♒	
morning set	-8724 Apr 09 j 23:01	4°♒24'54	
	-8724 Apr 30 j 15:25	0°♓	
max. Earth dist.	-8724 May 11 j 04:39	13°♓07'26	1.72293 AU
asc. node	-8724 May 12 j 16:05	14°♓57'48	
superior conj	-8724 May 15 j 13:07	18°♓33'01	0°06'44
minimum elong	-8724 May 15 j 11:49	18°♓28'58	0°06'29
behind sun begin	-8724 May 14 j 15:06	17°♓24'21	
behind sun end	-8724 May 16 j 08:32	19°♓33'37	
	-8724 May 24 j 17:04	0°♈	
	-8724 Jun 17 j 15:33	0°♉	
evening rise	-8724 Jun 21 j 04:14	4°♉25'51	
	-8724 Jul 11 j 12:51	0°♊	
	-8724 Aug 04 j 11:19	0°♋	
	-8724 Aug 28 j 13:17	0°♌	
desc. node	-8724 Sep 02 j 06:41	5°♌51'17	
	-8724 Sep 21 j 20:57	0°♍	
	-8724 Oct 16 j 13:07	0°♎	
	-8724 Nov 10 j 20:02	0°♏	
	-8724 Dec 07 j 10:24	0°♐	
asc. node	-8724 Dec 23 j 08:35	16°♐33'35	
evening max el	-8724 Dec 25 j 21:29	19°♐03'05	45°13'06
	-8723 Jan 06 j 19:31	0°♑	
greatest brilliancy	-8723 Feb 01 j 10:34	16°♑41'59	-4.7m
retrograde	-8723 Feb 12 j 05:27	18°♑46'46	
evening set	-8723 Mar 01 j 11:15	13°♑10'00	
inferior conj	-8723 Mar 05 j 15:46	10°♑35'25	7°19'03
minimum elong	-8723 Mar 05 j 22:34	10°♑24'45	7°17'42
min. Earth dist.	-8723 Mar 06 j 13:13	10°♑01'46	0.29392 AU
morning rise	-8723 Mar 10 j 09:39	7°♑40'27	
direct	-8723 Mar 27 j 15:58	2°♑06'12	
greatest brilliancy	-8723 Apr 07 j 10:00	4°♑10'25	-4.7m
desc. node	-8723 Apr 15 j 05:05	7°♑50'24	
	-8723 May 13 j 07:46	0°♒	
morning max el	-8723 May 16 j 03:54	2°♒43'43	46°14'24
	-8723 Jun 11 j 03:29	0°♓	
	-8723 Jul 07 j 04:19	0°♈	
	-8723 Jul 31 j 23:43	0°♉	
asc. node	-8723 Aug 05 j 05:48	5°♉14'10	
	-8723 Aug 25 j 04:17	0°♊	
	-8723 Sep 18 j 02:53	0°♋	
	-8723 Oct 12 j 01:39	0°♌	
	-8723 Nov 05 j 03:57	0°♍	
morning set	-8723 Nov 19 j 13:57	17°♍50'42	
desc. node	-8723 Nov 25 j 19:16	25°♍31'30	
	-8723 Nov 29 j 10:22	0°♎	
	-8723 Dec 23 j 19:35	0°♏	
superior conj	-8723 Dec 29 j 22:20	7°♏30'42	-1°06'15
minimum elong	-8723 Dec 29 j 13:21	7°♏03'08	1°06'18
max. Earth dist.	-8723 Dec 31 j 01:05	8°♏52'50	1.73453 AU
	-8722 Jan 17 j 05:54	0°♐	
evening rise	-8722 Feb 05 j 03:14	23°♐10'55	
	-8722 Feb 10 j 16:38	0°♑	
greatest brilliancy	-8722 Feb 15 j 20:49	6°♑20'41	-3.9m
	-8722 Mar 07 j 04:20	0°♒	
asc. node	-8722 Mar 17 j 16:26	12°♒50'17	
	-8722 Mar 31 j 18:16	0°♓	
	-8722 Apr 25 j 11:41	0°♈	
	-8722 May 20 j 10:20	0°♉	
	-8722 Jun 14 j 18:10	0°♊	
desc. node	-8722 Jul 08 j 10:12	27°♊14'25	
	-8722 Jul 10 j 21:13	0°♋	
evening max el	-8722 Aug 04 j 02:58	26°♋01'03	47°47'45
	-8722 Aug 08 j 02:28	0°♌	
greatest brilliancy	-8722 Sep 14 j 09:30	27°♌57'45	-4.9m
retrograde	-8722 Sep 24 j 05:41	29°♌49'32	
evening set	-8722 Oct 09 j 11:27	25°♌05'53	
inferior conj	-8722 Oct 14 j 23:16	21°♌43'28	-3°18'04
minimum elong	-8722 Oct 15 j 05:58	21°♌32'54	3°15'43
min. Earth dist.	-8722 Oct 14 j 09:32	22°♌05'12	0.27074 AU
morning rise	-8722 Oct 21 j 01:18	18°♌03'52	
asc. node	-8722 Oct 28 j 13:52	14°♌52'41	
direct	-8722 Nov 04 j 09:03	13°♌54'59	
greatest brilliancy	-8722 Nov 13 j 17:04	15°♌35'03	-4.8m
	-8722 Dec 06 j 22:39	0°♍	
morning max el	-8722 Dec 23 j 17:36	15°♍12'28	46°08'21
	-8721 Jan 07 j 08:48	0°♎	
	-8721 Feb 04 j 00:26	0°♏	
desc. node	-8721 Feb 18 j 08:36	16°♏11'51	
	-8721 Mar 02 j 08:46	0°♐	
	-8721 Mar 27 j 22:15	0°♑	
	-8721 Apr 21 j 21:23	0°♒	
	-8721 May 16 j 09:02	0°♓	
	-8721 Jun 09 j 11:50	0°♈	
asc. node	-8721 Jun 10 j 05:32	0°♈55'23	
morning set	-8721 Jun 17 j 21:19	10°♈31'36	
	-8721 Jul 03 j 08:32	0°♉	
superior conj	-8721 Jul 26 j 12:39	29°♉17'06	1°20'18
minimum elong	-8721 Jul 26 j 07:15	29°♉00'00	1°20'41
max. Earth dist.	-8721 Jul 26 j 16:39	29°♉29'45	1.70779 AU
	-8721 Jul 27 j 02:14	0°♊	
	-8721 Aug 19 j 20:03	0°♋	
evening rise	-8721 Sep 05 j 22:39	21°♋32'05	
	-8721 Sep 12 j 16:35	0°♌	
desc. node	-8721 Sep 30 j 19:01	22°♌37'12	
	-8721 Oct 06 j 17:21	0°♍	
	-8721 Oct 30 j 23:00	0°♎	
	-8721 Nov 24 j 10:25	0°♏	
	-8721 Dec 19 j 06:30	0°♐	
	-8720 Jan 13 j 18:02	0°♑	
asc. node	-8720 Jan 20 j 19:16	8°♑05'55	
	-8720 Feb 09 j 11:14	0°♒	
evening max el	-8720 Mar 07 j 03:52	27°♒17'07	45°06'38
	-8720 Mar 10 j 01:38	0°♓	
greatest brilliancy	-8720 Apr 14 j 10:36	24°♓30'44	-4.7m
retrograde	-8720 Apr 24 j 11:34	26°♓18'11	
evening set	-8720 May 09 j 02:48	22°♓18'50	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

desc. node	-8720 May 12 j 15:44	20°♓22'11	
inferior conj	-8720 May 15 j 14:25	18°♓37'37	-0°42'01
minimum elong	-8720 May 15 j 12:49	18°♓40'00	0°41'43
min. Earth dist.	-8720 May 16 j 08:36	18°♓10'21	0.27565 AU
morning rise	-8720 May 21 j 21:42	14°♓59'02	
direct	-8720 Jun 05 j 20:50	10°♓42'42	
greatest brilliancy	-8720 Jun 17 j 10:02	13°♓07'01	-4.8m
	-8720 Jul 12 j 09:59	0°♈	
morning max el	-8720 Jul 26 j 05:30	13°♈06'56	46°42'29
	-8720 Aug 11 j 03:39	0°♉	
asc. node	-8720 Sep 01 j 18:09	24°♉41'23	
	-8720 Sep 06 j 06:08	0°♊	
	-8720 Oct 01 j 04:10	0°♋	
	-8720 Oct 25 j 16:53	0°♌	
	-8720 Nov 19 j 04:50	0°♍	
	-8720 Dec 13 j 18:51	0°♎	
desc. node	-8720 Dec 23 j 08:53	11°♎40'14	
	-8719 Jan 07 j 10:15	0°♏	
morning set	-8719 Jan 30 j 21:03	28°♏34'51	
	-8719 Feb 01 j 00:56	0°♐	
	-8719 Feb 25 j 13:15	0°♑	
max. Earth dist.	-8719 Mar 04 j 22:42	9°♑04'47	1.73675 AU
superior conj	-8719 Mar 08 j 00:07	12°♑50'23	-1°10'53
minimum elong	-8719 Mar 08 j 06:57	13°♑11'23	1°11'17
	-8719 Mar 21 j 22:44	0°♒	
evening rise	-8719 Apr 12 j 08:02	26°♒24'05	
asc. node	-8719 Apr 14 j 05:02	28°♒43'08	
	-8719 Apr 15 j 05:54	0°♓	
	-8719 May 09 j 11:41	0°♈	
	-8719 Jun 02 j 17:11	0°♉	
	-8719 Jun 27 j 00:01	0°♊	
	-8719 Jul 21 j 10:46	0°♋	
desc. node	-8719 Aug 04 j 21:13	17°♋32'46	
	-8719 Aug 15 j 05:30	0°♌	
	-8719 Sep 09 j 15:48	0°♍	
	-8719 Oct 06 j 13:21	0°♎	
evening max el	-8719 Oct 13 j 20:31	7°♎35'20	46°48'08
	-8719 Nov 07 j 17:50	0°♏	
greatest brilliancy	-8719 Nov 22 j 07:17	8°♏32'28	-4.8m
asc. node	-8719 Nov 25 j 00:29	9°♏31'10	
retrograde	-8719 Dec 03 j 10:06	10°♏53'43	
evening set	-8719 Dec 19 j 08:07	5°♏48'23	
min. Earth dist.	-8719 Dec 24 j 00:51	2°♏52'44	0.28974 AU
inferior conj	-8719 Dec 24 j 16:43	2°♏27'09	6°07'04
minimum elong	-8719 Dec 24 j 08:04	2°♏41'06	6°05'11
	-8719 Dec 28 j 13:31	30°℞♎	
morning rise	-8719 Dec 29 j 08:27	29°♎31'20	
direct	-8718 Jan 15 j 01:19	24°♎04'34	
greatest brilliancy	-8718 Jan 24 j 01:04	25°♎33'12	-4.7m
	-8718 Feb 02 j 22:19	0°♏	
morning max el	-8718 Mar 04 j 18:24	23°♏37'46	45°55'05
	-8718 Mar 11 j 08:21	0°♐	
desc. node	-8718 Mar 17 j 20:18	6°♐32'25	
	-8718 Apr 08 j 19:45	0°♑	
	-8718 May 05 j 03:47	0°♒	
	-8718 May 30 j 08:43	0°♓	
	-8718 Jun 23 j 20:25	0°♈	
asc. node	-8718 Jul 07 j 18:59	17°♈21'06	
	-8718 Jul 17 j 21:02	0°♉	
	-8718 Aug 10 j 15:40	0°♊	
morning set	-8718 Aug 31 j 12:06	26°♊22'47	
	-8718 Sep 03 j 08:51	0°♋	
	-8718 Sep 27 j 04:10	0°♌	
superior conj	-8718 Oct 12 j 16:09	19°♌25'07	0°34'42
minimum elong	-8718 Oct 13 j 01:04	19°♌53'00	0°34'43
max. Earth dist.	-8718 Oct 19 j 03:46	27°♌30'47	1.71711 AU
	-8718 Oct 21 j 03:38	0°♍	
desc. node	-8718 Oct 28 j 08:00	8°♍56'17	
	-8718 Nov 14 j 07:30	0°♎	
evening rise	-8718 Nov 24 j 00:15	11°♎59'15	
	-8718 Dec 08 j 14:59	0°♏	
	-8717 Jan 02 j 01:51	0°♐	
	-8717 Jan 26 j 17:22	0°♑	
asc. node	-8717 Feb 17 j 06:36	25°♑55'39	
	-8717 Feb 20 j 16:33	0°♒	
	-8717 Mar 18 j 03:50	0°♓	
	-8717 Apr 13 j 10:25	0°♈	
	-8717 May 11 j 06:43	0°♉	
evening max el	-8717 May 20 j 08:00	9°♉04'00	46°35'14
desc. node	-8717 Jun 10 j 02:10	27°♉26'40	
	-8717 Jun 13 j 12:32	0°♊	
greatest brilliancy	-8717 Jun 30 j 01:55	9°♊01'39	-4.9m
retrograde	-8717 Jul 09 j 11:15	10°♊39'40	
evening set	-8717 Jul 26 j 23:11	4°♊53'06	
inferior conj	-8717 Jul 30 j 03:45	2°♊59'13	-8°48'54
minimum elong	-8717 Jul 30 j 00:06	3°♊04'41	8°48'15
min. Earth dist.	-8717 Jul 29 j 20:32	3°♊10'03	0.26600 AU
morning rise	-8717 Aug 02 j 01:02	1°♊16'09	
	-8717 Aug 04 j 06:49	30°℞♉	
direct	-8717 Aug 19 j 12:19	25°♉26'56	
greatest brilliancy	-8717 Aug 29 j 19:15	27°♉28'28	-4.9m
	-8717 Sep 04 j 07:44	0°♊	
asc. node	-8717 Sep 30 j 05:21	20°♊07'21	
morning max el	-8717 Oct 09 j 04:29	28°♊58'33	46°39'10
	-8717 Oct 10 j 04:30	0°♋	
	-8717 Nov 06 j 16:58	0°♌	
	-8717 Dec 02 j 16:29	0°♍	
	-8717 Dec 28 j 04:28	0°♎	
desc. node	-8716 Jan 20 j 22:05	28°♎09'47	
	-8716 Jan 22 j 11:04	0°♏	
	-8716 Feb 16 j 12:27	0°♐	
	-8716 Mar 12 j 07:33	0°♑	
	-8716 Apr 05 j 19:59	0°♒	
morning set	-8716 Apr 07 j 18:18	2°♒22'27	
	-8716 Apr 30 j 02:27	0°♓	
max. Earth dist.	-8716 May 08 j 20:35	10°♓53'11	1.72355 AU
asc. node	-8716 May 11 j 18:15	14°♓30'08	
superior conj	-8716 May 13 j 07:04	16°♓24'49	0°03'36
minimum elong	-8716 May 13 j 06:23	16°♓22'42	0°03'23
behind sun begin	-8716 May 12 j 08:25	15°♓14'13	
behind sun end	-8716 May 14 j 04:22	17°♓31'13	
	-8716 May 24 j 04:11	0°♈	
	-8716 Jun 17 j 02:49	0°♉	
evening rise	-8716 Jun 18 j 19:44	2°♉08'24	
	-8716 Jul 11 j 00:19	0°♊	
	-8716 Aug 03 j 23:01	0°♋	
	-8716 Aug 28 j 01:16	0°♌	
desc. node	-8716 Sep 01 j 08:45	5°♌20'29	
	-8716 Sep 21 j 09:16	0°♍	
	-8716 Oct 16 j 02:01	0°♎	
	-8716 Nov 10 j 10:08	0°♏	
	-8716 Dec 07 j 03:30	0°♐	
asc. node	-8716 Dec 22 j 10:51	15°♐47'08	
evening max el	-8716 Dec 23 j 13:22	16°♐51'59	45°15'03
	-8715 Jan 07 j 00:51	0°♑	
greatest brilliancy	-8715 Jan 30 j 03:19	14°♑35'51	-4.7m
retrograde	-8715 Feb 09 j 21:49	16°♑40'35	
evening set	-8715 Feb 27 j 05:58	11°♑00'52	
inferior conj	-8715 Mar 03 j 08:47	8°♑28'24	7°26'27
minimum elong	-8715 Mar 03 j 15:07	8°♑18'25	7°25'12
min. Earth dist.	-8715 Mar 04 j 05:18	7°♑56'07	0.29430 AU

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

morning rise	-8715 Mar 08 j 00:03	5°♉36'44	
	-8715 Mar 24 j 07:44	30°℞♐	
direct	-8715 Mar 25 j 09:06	29°♐58'42	
	-8715 Mar 26 j 10:36	0°♉	
greatest brilliancy	-8715 Apr 05 j 01:15	2°♉00'50	-4.7m
desc. node	-8715 Apr 14 j 07:17	6°♉30'21	
	-8715 May 13 j 06:45	0°♒	
morning max el	-8715 May 13 j 19:13	0°♒30'12	46°13'15
	-8715 Jun 10 j 19:37	0°♓	
	-8715 Jul 06 j 18:08	0°♈	
	-8715 Jul 31 j 12:27	0°♉	
asc. node	-8715 Aug 04 j 07:59	4°♉41'57	
	-8715 Aug 24 j 16:25	0°♊	
	-8715 Sep 17 j 14:41	0°♋	
	-8715 Oct 11 j 13:12	0°♌	
	-8715 Nov 04 j 15:18	0°♍	
morning set	-8715 Nov 17 j 01:35	15°♍23'43	
desc. node	-8715 Nov 24 j 21:30	25°♍03'54	
	-8715 Nov 28 j 21:31	0°♎	
	-8715 Dec 23 j 06:33	0°♏	
superior conj	-8715 Dec 27 j 13:39	5°♏16'41	-1°04'17
minimum elong	-8715 Dec 27 j 04:25	4°♏48'19	1°04'18
max. Earth dist.	-8715 Dec 28 j 22:42	6°♏58'13	1.73411 AU
	-8714 Jan 16 j 16:47	0°♐	
evening rise	-8714 Feb 02 j 21:39	21°♐06'40	
	-8714 Feb 10 j 03:34	0°♑	
greatest brilliancy	-8714 Feb 14 j 23:35	5°♑55'34	-3.9m
	-8714 Mar 06 j 15:29	0°♒	
asc. node	-8714 Mar 16 j 18:29	12°♒22'09	
	-8714 Mar 31 j 05:48	0°♓	
	-8714 Apr 24 j 23:50	0°♈	
	-8714 May 19 j 23:25	0°♉	
	-8714 Jun 14 j 08:44	0°♊	
desc. node	-8714 Jul 07 j 12:26	26°♊32'52	
	-8714 Jul 10 j 14:39	0°♋	
evening max el	-8714 Aug 01 j 16:59	23°♋36'27	47°47'23
	-8714 Aug 08 j 03:45	0°♌	
greatest brilliancy	-8714 Sep 12 j 01:44	25°♌34'08	-4.9m
retrograde	-8714 Sep 21 j 19:16	27°♌23'38	
evening set	-8714 Oct 07 j 03:44	22°♌37'35	
min. Earth dist.	-8714 Oct 12 j 00:29	19°♌39'01	0.27026 AU
inferior conj	-8714 Oct 12 j 13:12	19°♌18'55	-3°39'14
minimum elong	-8714 Oct 12 j 20:30	19°♌07'23	3°36'43
morning rise	-8714 Oct 18 j 13:58	15°♌40'57	
asc. node	-8714 Oct 27 j 16:13	12°♌05'37	
direct	-8714 Nov 01 j 21:57	11°♌31'26	
greatest brilliancy	-8714 Nov 11 j 07:54	13°♌12'51	-4.8m
	-8714 Dec 07 j 07:33	0°♍	
morning max el	-8714 Dec 21 j 07:06	12°♍52'14	46°09'28
	-8713 Jan 07 j 03:11	0°♎	
	-8713 Feb 03 j 14:56	0°♏	
desc. node	-8713 Feb 17 j 10:40	15°♏39'20	
	-8713 Mar 01 j 21:31	0°♐	
	-8713 Mar 27 j 10:06	0°♑	
	-8713 Apr 21 j 08:46	0°♒	
	-8713 May 15 j 20:11	0°♓	
	-8713 Jun 08 j 22:53	0°♈	
asc. node	-8713 Jun 09 j 07:45	0°♈27'45	
morning set	-8713 Jun 15 j 12:51	8°♈15'01	
	-8713 Jul 02 j 19:35	0°♉	
superior conj	-8713 Jul 24 j 00:53	26°♉48'52	1°19'15
minimum elong	-8713 Jul 23 j 18:43	26°♉29'24	1°19'35
max. Earth dist.	-8713 Jul 23 j 20:35	26°♉35'15	1.70803 AU
	-8713 Jul 26 j 13:20	0°♊	
	-8713 Aug 19 j 07:14	0°♋	
evening rise	-8713 Sep 03 j 06:24	18°♋50'23	
	-8713 Sep 12 j 03:52	0°♌	
desc. node	-8713 Sep 29 j 21:06	22°♌08'24	
	-8713 Oct 06 j 04:44	0°♍	
	-8713 Oct 30 j 10:30	0°♎	
	-8713 Nov 23 j 22:11	0°♏	
	-8713 Dec 18 j 18:49	0°♐	
	-8712 Jan 13 j 07:30	0°♑	
asc. node	-8712 Jan 19 j 21:30	7°♑32'32	
	-8712 Feb 09 j 03:28	0°♒	
evening max el	-8712 Mar 04 j 17:52	25°♒02'16	45°05'06
	-8712 Mar 10 j 02:50	0°♓	
greatest brilliancy	-8712 Apr 11 j 23:09	22°♓13'33	-4.7m
retrograde	-8712 Apr 22 j 01:27	24°♓02'09	
evening set	-8712 May 06 j 17:05	20°♓01'13	
desc. node	-8712 May 11 j 18:03	17°♓11'33	
inferior conj	-8712 May 13 j 04:17	16°♓20'28	-0°20'19
minimum elong	-8712 May 13 j 03:30	16°♓21'38	0°20'18
min. Earth dist.	-8712 May 13 j 23:31	15°♓51'40	0.27634 AU
morning rise	-8712 May 19 j 12:48	12°♓40'21	
direct	-8712 Jun 03 j 11:37	8°♓23'56	
greatest brilliancy	-8712 Jun 15 j 01:53	10°♓49'32	-4.8m
	-8712 Jul 12 j 15:25	0°♈	
morning max el	-8712 Jul 23 j 20:27	10°♈46'28	46°41'54
	-8712 Aug 10 j 21:38	0°♉	
asc. node	-8712 Aug 31 j 20:14	24°♉02'54	
	-8712 Sep 05 j 20:52	0°♊	
	-8712 Sep 30 j 17:26	0°♋	
	-8712 Oct 25 j 05:18	0°♌	
	-8712 Nov 18 j 16:40	0°♍	
	-8712 Dec 13 j 06:16	0°♎	
desc. node	-8712 Dec 22 j 10:58	11°♎12'11	
	-8711 Jan 06 j 21:21	0°♏	
morning set	-8711 Jan 28 j 14:09	26°♏27'19	
	-8711 Jan 31 j 11:49	0°♐	
	-8711 Feb 24 j 23:59	0°♑	
max. Earth dist.	-8711 Mar 02 j 21:55	7°♑15'44	1.73694 AU
superior conj	-8711 Mar 05 j 19:42	10°♑50'08	-1°12'16
minimum elong	-8711 Mar 06 j 02:14	11°♑10'14	1°12'42
	-8711 Mar 21 j 09:26	0°♒	
evening rise	-8711 Apr 10 j 03:58	24°♒24'04	
asc. node	-8711 Apr 13 j 07:17	28°♒16'44	
	-8711 Apr 14 j 16:43	0°♓	
	-8711 May 08 j 22:46	0°♈	
	-8711 Jun 02 j 04:39	0°♉	
	-8711 Jun 26 j 12:00	0°♊	
	-8711 Jul 20 j 23:23	0°♋	
desc. node	-8711 Aug 03 j 23:17	16°♋59'22	
	-8711 Aug 14 j 19:04	0°♌	
	-8711 Sep 09 j 07:06	0°♍	
	-8711 Oct 06 j 08:52	0°♎	
evening max el	-8711 Oct 11 j 12:58	5°♎20'51	46°51'44
	-8711 Nov 08 j 12:51	0°♏	
greatest brilliancy	-8711 Nov 20 j 00:17	6°♏21'08	-4.8m
asc. node	-8711 Nov 24 j 02:45	7°♏44'22	
retrograde	-8711 Dec 01 j 03:58	8°♏43'13	
evening set	-8711 Dec 16 j 22:55	3°♏41'00	
min. Earth dist.	-8711 Dec 21 j 16:39	0°♏43'58	0.28913 AU
inferior conj	-8711 Dec 22 j 09:39	0°♏16'35	5°54'34
minimum elong	-8711 Dec 22 j 00:57	0°♏30'36	5°52'38
	-8711 Dec 22 j 19:57	30°℞♎	
morning rise	-8711 Dec 27 j 03:32	27°♎17'54	
direct	-8710 Jan 12 j 17:43	21°♎54'58	
greatest brilliancy	-8710 Jan 21 j 16:11	23°♎23'07	-4.7m
	-8710 Feb 04 j 03:33	0°♏	
morning max el	-8710 Mar 02 j 11:34	21°♏31'58	45°55'04

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8710 Mar 11 j 04:09	0°♐	
desc. node	-8710 Mar 16 j 22:27	5°♐51'06	
	-8710 Apr 08 j 10:33	0°♑	
	-8710 May 04 j 16:39	0°♒	
	-8710 May 29 j 20:40	0°♓	
	-8710 Jun 23 j 07:55	0°♈	
greatest brilliancy	-8710 Jul 01 j 00:34	9°♈33'33	-3.9m
asc. node	-8710 Jul 06 j 21:06	16°♈52'10	
	-8710 Jul 17 j 08:21	0°♉	
	-8710 Aug 10 j 02:54	0°♊	
morning set	-8710 Aug 28 j 22:09	23°♊47'27	
	-8710 Sep 02 j 20:02	0°♋	
	-8710 Sep 26 j 15:20	0°♌	
superior conj	-8710 Oct 10 j 00:25	16°♌46'03	0°38'18
minimum elong	-8710 Oct 10 j 10:03	17°♌16'12	0°38'19
max. Earth dist.	-8710 Oct 16 j 14:01	24°♌58'20	1.71646 AU
	-8710 Oct 20 j 14:46	0°♍	
desc. node	-8710 Oct 27 j 10:14	8°♍28'44	
	-8710 Nov 13 j 18:35	0°♎	
evening rise	-8710 Nov 21 j 11:59	9°♎33'09	
	-8710 Dec 08 j 02:04	0°♏	
	-8709 Jan 01 j 13:02	0°♐	
	-8709 Jan 26 j 04:51	0°♑	
asc. node	-8709 Feb 16 j 08:43	25°♑26'08	
	-8709 Feb 20 j 04:39	0°♒	
	-8709 Mar 17 j 17:08	0°♓	
	-8709 Apr 13 j 01:59	0°♈	
	-8709 May 11 j 03:44	0°♉	
evening max el	-8709 May 17 j 22:03	6°♉43'17	46°31'30
desc. node	-8709 Jun 09 j 04:20	26°♉11'26	
	-8709 Jun 14 j 14:45	0°♊	
greatest brilliancy	-8709 Jun 27 j 12:29	6°♊31'40	-4.9m
retrograde	-8709 Jul 06 j 23:07	8°♊10'10	
evening set	-8709 Jul 24 j 07:47	2°♊29'06	
inferior conj	-8709 Jul 27 j 15:39	0°♊30'20	-8°43'50
minimum elong	-8709 Jul 27 j 11:06	0°♊37'10	8°43'06
min. Earth dist.	-8709 Jul 27 j 08:19	0°♊41'22	0.26610 AU
	-8709 Jul 28 j 11:50	30°℞♉	
morning rise	-8709 Jul 30 j 14:28	28°♉45'02	
direct	-8709 Aug 17 j 01:16	22°♉58'16	
greatest brilliancy	-8709 Aug 27 j 07:56	24°♉59'23	-4.9m
	-8709 Sep 06 j 02:20	0°♊	
asc. node	-8709 Sep 29 j 07:42	19°♊08'29	
morning max el	-8709 Oct 06 j 17:16	26°♊30'07	46°39'45
	-8709 Oct 10 j 02:37	0°♋	
	-8709 Nov 06 j 09:17	0°♌	
	-8709 Dec 02 j 06:27	0°♍	
	-8709 Dec 27 j 17:10	0°♎	
desc. node	-8708 Jan 20 j 00:07	27°♎40'21	
	-8708 Jan 21 j 22:57	0°♏	
	-8708 Feb 15 j 23:48	0°♐	
	-8708 Mar 11 j 18:33	0°♑	
	-8708 Apr 05 j 06:50	0°♒	
morning set	-8708 Apr 05 j 13:45	0°♒21'16	
	-8708 Apr 29 j 13:16	0°♓	
max. Earth dist.	-8708 May 06 j 12:38	8°♓40'08	1.72415 AU
asc. node	-8708 May 10 j 20:29	14°♓03'19	
superior conj	-8708 May 11 j 01:32	14°♓19'04	0°00'30
minimum elong	-8708 May 11 j 01:27	14°♓18'50	0°00'17
behind sun begin	-8708 May 10 j 03:16	13°♓09'42	
behind sun end	-8708 May 11 j 23:39	15°♓27'59	
	-8708 May 23 j 15:04	0°♈	
evening rise	-8708 Jun 16 j 11:57	29°♈54'06	
	-8708 Jun 16 j 13:50	0°♉	
	-8708 Jul 10 j 11:31	0°♊	
	-8708 Aug 03 j 10:28	0°♋	
	-8708 Aug 27 j 13:02	0°♌	
desc. node	-8708 Aug 31 j 10:54	4°♌50'32	
	-8708 Sep 20 j 21:29	0°♍	
	-8708 Oct 15 j 14:55	0°♎	
	-8708 Nov 10 j 00:21	0°♏	
	-8708 Dec 06 j 20:59	0°♐	
evening max el	-8708 Dec 21 j 04:20	14°♐38'23	45°17'15
asc. node	-8708 Dec 21 j 13:05	14°♐59'42	
	-8707 Jan 07 j 08:29	0°♑	
greatest brilliancy	-8707 Jan 27 j 20:12	12°♑29'47	-4.7m
retrograde	-8707 Feb 07 j 14:09	14°♑34'40	
evening set	-8707 Feb 25 j 00:31	8°♑52'04	
inferior conj	-8707 Mar 01 j 01:49	6°♑21'37	7°33'08
minimum elong	-8707 Mar 01 j 07:39	6°♑12'24	7°32'01
min. Earth dist.	-8707 Mar 01 j 21:33	5°♑50'29	0.29462 AU
morning rise	-8707 Mar 05 j 14:33	3°♑33'15	
	-8707 Mar 12 j 13:55	30°℞♐	
direct	-8707 Mar 23 j 01:47	27°♐51'22	
greatest brilliancy	-8707 Apr 02 j 16:56	29°♐52'06	-4.7m
	-8707 Apr 03 j 01:32	0°♑	
desc. node	-8707 Apr 13 j 09:36	5°♑13'07	
morning max el	-8707 May 11 j 10:12	28°♑16'15	46°12'17
	-8707 May 13 j 04:43	0°♒	
	-8707 Jun 10 j 11:22	0°♓	
	-8707 Jul 06 j 07:43	0°♈	
	-8707 Jul 31 j 00:59	0°♉	
asc. node	-8707 Aug 03 j 10:05	4°♉10'04	
	-8707 Aug 24 j 04:23	0°♊	
	-8707 Sep 17 j 02:20	0°♋	
	-8707 Oct 11 j 00:40	0°♌	
	-8707 Nov 04 j 02:36	0°♍	
morning set	-8707 Nov 14 j 12:49	12°♍55'19	
desc. node	-8707 Nov 23 j 23:32	24°♍35'44	
	-8707 Nov 28 j 08:40	0°♎	
	-8707 Dec 22 j 17:35	0°♏	
superior conj	-8707 Dec 25 j 04:22	3°♏00'34	-1°02'12
minimum elong	-8707 Dec 24 j 18:55	2°♏31'33	1°02'09
max. Earth dist.	-8707 Dec 26 j 17:31	4°♏54'44	1.73370 AU
	-8706 Jan 16 j 03:45	0°♐	
evening rise	-8706 Jan 31 j 15:30	19°♐00'26	
	-8706 Feb 09 j 14:35	0°♑	
greatest brilliancy	-8706 Feb 14 j 00:57	5°♑26'00	-3.9m
	-8706 Mar 06 j 02:42	0°♒	
asc. node	-8706 Mar 15 j 20:48	11°♒54'38	
	-8706 Mar 30 j 17:25	0°♓	
	-8706 Apr 24 j 12:04	0°♈	
	-8706 May 19 j 12:37	0°♉	
	-8706 Jun 13 j 23:30	0°♊	
desc. node	-8706 Jul 06 j 14:36	25°♊50'41	
	-8706 Jul 10 j 08:25	0°♋	
evening max el	-8706 Jul 30 j 06:25	21°♋10'36	47°47'02
	-8706 Aug 08 j 06:15	0°♌	
greatest brilliancy	-8706 Sep 09 j 17:50	23°♌10'48	-4.9m
retrograde	-8706 Sep 19 j 08:56	24°♌58'32	
evening set	-8706 Oct 04 j 20:13	20°♌09'31	
min. Earth dist.	-8706 Oct 09 j 15:29	17°♌13'31	0.26985 AU
inferior conj	-8706 Oct 10 j 03:16	16°♌54'56	-3°59'50
minimum elong	-8706 Oct 10 j 11:08	16°♌42'31	3°57'12
morning rise	-8706 Oct 16 j 02:36	13°♌19'01	
asc. node	-8706 Oct 26 j 18:28	9°♌25'04	
direct	-8706 Oct 30 j 10:55	9°♌08'11	
greatest brilliancy	-8706 Nov 08 j 23:02	10°♌51'22	-4.8m
	-8706 Dec 07 j 13:59	0°♍	
morning max el	-8706 Dec 18 j 21:07	10°♍32'55	46°10'22
	-8705 Jan 06 j 21:15	0°♎	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8705 Feb 03 j 05:28	0°♏	
desc. node	-8705 Feb 16 j 12:48	15°♏06'35	
	-8705 Mar 01 j 10:25	0°♐	
	-8705 Mar 26 j 22:07	0°♑	
	-8705 Apr 20 j 20:18	0°♒	
	-8705 May 15 j 07:27	0°♓	
asc. node	-8705 Jun 08 j 09:48	29°♓59'12	
	-8705 Jun 08 j 10:03	0°♈	
morning set	-8705 Jun 13 j 04:33	5°♈58'37	
	-8705 Jul 02 j 06:46	0°♉	
max. Earth dist.	-8705 Jul 21 j 03:36	23°♉50'07	1.70828 AU
superior conj	-8705 Jul 21 j 13:21	24°♉20'59	1°18'02
minimum elong	-8705 Jul 21 j 06:32	23°♉59'25	1°18'21
	-8705 Jul 26 j 00:35	0°♊	
	-8705 Aug 18 j 18:35	0°♋	
evening rise	-8705 Aug 31 j 14:34	16°♋09'32	
	-8705 Sep 11 j 15:16	0°♌	
desc. node	-8705 Sep 28 j 23:23	21°♌39'52	
	-8705 Oct 05 j 16:12	0°♍	
	-8705 Oct 29 j 22:07	0°♎	
	-8705 Nov 23 j 10:06	0°♏	
	-8705 Dec 18 j 07:22	0°♐	
	-8704 Jan 12 j 21:21	0°♑	
asc. node	-8704 Jan 18 j 23:39	6°♑57'49	
	-8704 Feb 08 j 20:21	0°♒	
evening max el	-8704 Mar 02 j 08:41	22°♒48'29	45°03'41
	-8704 Mar 10 j 05:55	0°♓	
greatest brilliancy	-8704 Apr 09 j 11:35	19°♓55'27	-4.7m
retrograde	-8704 Apr 19 j 15:34	21°♓45'07	
evening set	-8704 May 04 j 07:34	17°♓42'41	
inferior conj	-8704 May 10 j 18:05	14°♓02'25	0°01'14
minimum elong	-8704 May 10 j 18:08	14°♓02'21	0°01'00
transit middle	-8704 May 10 j 18:08	14°♓02'21	0°01'00
transit begin	-8704 May 10 j 14:00	14°♓08'31	
transit end	-8704 May 10 j 22:15	13°♓56'11	
desc. node	-8704 May 10 j 20:10	13°♓59'18	
min. Earth dist.	-8704 May 11 j 14:02	13°♓32'32	0.27699 AU
morning rise	-8704 May 17 j 03:39	10°♓20'59	
direct	-8704 Jun 01 j 02:46	6°♓04'31	
greatest brilliancy	-8704 Jun 12 j 16:53	8°♓30'26	-4.8m
	-8704 Jul 12 j 19:20	0°♈	
morning max el	-8704 Jul 21 j 11:40	8°♈26'16	46°41'14
	-8704 Aug 10 j 15:27	0°♉	
asc. node	-8704 Aug 30 j 22:31	23°♉24'40	
	-8704 Sep 05 j 11:40	0°♊	
	-8704 Sep 30 j 06:49	0°♋	
	-8704 Oct 24 j 17:51	0°♌	
	-8704 Nov 18 j 04:40	0°♍	
	-8704 Dec 12 j 17:51	0°♎	
desc. node	-8704 Dec 21 j 13:03	10°♎43'33	
	-8703 Jan 06 j 08:39	0°♏	
morning set	-8703 Jan 26 j 07:10	24°♏18'44	
	-8703 Jan 30 j 22:55	0°♐	
	-8703 Feb 24 j 11:00	0°♑	
max. Earth dist.	-8703 Feb 28 j 21:13	5°♑26'02	1.73717 AU
superior conj	-8703 Mar 03 j 15:03	8°♑48'14	-1°13'35
minimum elong	-8703 Mar 03 j 21:16	9°♑07'20	1°14'01
	-8703 Mar 20 j 20:28	0°♒	
evening rise	-8703 Apr 07 j 23:36	22°♒22'05	
asc. node	-8703 Apr 12 j 09:29	27°♒49'02	
	-8703 Apr 14 j 03:53	0°♓	
	-8703 May 08 j 10:11	0°♈	
	-8703 Jun 01 j 16:27	0°♉	
	-8703 Jun 26 j 00:17	0°♊	
	-8703 Jul 20 j 12:20	0°♋	
desc. node	-8703 Aug 03 j 01:29	16°♋25'24	
	-8703 Aug 14 j 09:01	0°♌	
	-8703 Sep 08 j 22:54	0°♍	
	-8703 Oct 06 j 05:17	0°♎	
evening max el	-8703 Oct 09 j 06:00	3°♎06'55	46°55'18
	-8703 Nov 09 j 15:25	0°♏	
greatest brilliancy	-8703 Nov 17 j 17:44	4°♏09'28	-4.8m
asc. node	-8703 Nov 23 j 04:56	5°♏52'48	
retrograde	-8703 Nov 28 j 21:52	6°♏31'40	
evening set	-8703 Dec 14 j 13:51	1°♏32'49	
	-8703 Dec 17 j 02:47	30°℞♎	
min. Earth dist.	-8703 Dec 19 j 08:27	28°♎34'25	0.28847 AU
inferior conj	-8703 Dec 20 j 02:36	28°♎05'11	5°41'34
minimum elong	-8703 Dec 19 j 17:54	28°♎19'12	5°39'33
morning rise	-8703 Dec 24 j 22:37	25°♎03'30	
direct	-8702 Jan 10 j 10:21	19°♎44'46	
greatest brilliancy	-8702 Jan 19 j 06:58	21°♎11'52	-4.7m
	-8702 Feb 05 j 01:08	0°♏	
morning max el	-8702 Feb 28 j 04:11	19°♏24'06	45°54'51
	-8702 Mar 10 j 23:41	0°♐	
desc. node	-8702 Mar 16 j 00:46	5°♐09'53	
	-8702 Apr 08 j 01:32	0°♑	
	-8702 May 04 j 05:51	0°♒	
	-8702 May 29 j 09:00	0°♓	
	-8702 Jun 22 j 19:48	0°♈	
asc. node	-8702 Jul 05 j 23:16	16°♈22'18	
greatest brilliancy	-8702 Jul 10 j 05:19	21°♈41'47	-3.9m
	-8702 Jul 16 j 20:00	0°♉	
	-8702 Aug 09 j 14:25	0°♊	
morning set	-8702 Aug 26 j 08:12	21°♊11'13	
	-8702 Sep 02 j 07:30	0°♋	
	-8702 Sep 26 j 02:46	0°♌	
superior conj	-8702 Oct 07 j 08:41	14°♌06'00	0°41'48
minimum elong	-8702 Oct 07 j 18:58	14°♌38'11	0°41'50
max. Earth dist.	-8702 Oct 14 j 02:09	22°♌30'43	1.71582 AU
	-8702 Oct 20 j 02:11	0°♍	
desc. node	-8702 Oct 26 j 12:15	7°♍59'34	
	-8702 Nov 13 j 05:58	0°♎	
evening rise	-8702 Nov 18 j 23:33	7°♎05'28	
	-8702 Dec 07 j 13:28	0°♏	
	-8701 Jan 01 j 00:31	0°♐	
	-8701 Jan 25 j 16:38	0°♑	
asc. node	-8701 Feb 15 j 11:04	24°♑56'24	
	-8701 Feb 19 j 17:07	0°♒	
	-8701 Mar 17 j 06:53	0°♓	
	-8701 Apr 12 j 18:15	0°♈	
	-8701 May 11 j 02:04	0°♉	
evening max el	-8701 May 15 j 11:17	4°♉19'10	46°27'34
desc. node	-8701 Jun 08 j 06:31	24°♉52'12	
	-8701 Jun 16 j 04:40	0°♊	
greatest brilliancy	-8701 Jun 24 j 23:39	4°♊00'48	-4.9m
retrograde	-8701 Jul 04 j 10:23	5°♊39'03	
evening set	-8701 Jul 21 j 15:57	0°♊04'10	
	-8701 Jul 21 j 18:50	30°℞♉	
inferior conj	-8701 Jul 25 j 03:27	28°♉00'05	-8°37'49
minimum elong	-8701 Jul 24 j 22:01	28°♉08'15	8°36'57
min. Earth dist.	-8701 Jul 24 j 20:26	28°♉10'38	0.26616 AU
morning rise	-8701 Jul 28 j 04:06	26°♉12'00	
direct	-8701 Aug 14 j 13:30	20°♉28'08	
greatest brilliancy	-8701 Aug 24 j 21:01	22°♉29'27	-4.9m
	-8701 Sep 07 j 08:23	0°♊	
asc. node	-8701 Sep 28 j 10:00	18°♊09'50	
morning max el	-8701 Oct 04 j 04:53	23°♊57'38	46°40'26
	-8701 Oct 10 j 00:18	0°♋	
	-8701 Nov 06 j 01:36	0°♌	
	-8701 Dec 01 j 20:35	0°♍	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8701 Dec 27 j 06:04	0°♎	
desc. node	-8700 Jan 19 j 02:16	27°♎10'29	
	-8700 Jan 21 j 11:04	0°♏	
	-8700 Feb 15 j 11:23	0°♐	
	-8700 Mar 11 j 05:49	0°♑	
morning set	-8700 Apr 03 j 09:21	28°♑19'46	
	-8700 Apr 04 j 17:56	0°♒	
	-8700 Apr 29 j 00:22	0°♓	
max. Earth dist.	-8700 May 04 j 06:28	6°♓31'44	1.72482 AU
superior conj	-8700 May 08 j 20:05	12°♓12'44	-0°02'36
minimum elong	-8700 May 08 j 20:38	12°♓14'28	0°02'49
behind sun begin	-8700 May 07 j 22:39	11°♓06'01	
behind sun end	-8700 May 09 j 18:37	13°♓22'56	
asc. node	-8700 May 09 j 22:34	13°♓35'14	
	-8700 May 23 j 02:17	0°♈	
evening rise	-8700 Jun 14 j 04:13	27°♈38'57	
	-8700 Jun 16 j 01:12	0°♉	
	-8700 Jul 09 j 23:06	0°♊	
	-8700 Aug 02 j 22:18	0°♋	
	-8700 Aug 27 j 01:10	0°♌	
desc. node	-8700 Aug 30 j 13:10	4°♌19'53	
	-8700 Sep 20 j 10:02	0°♍	
	-8700 Oct 15 j 04:08	0°♎	
	-8700 Nov 09 j 14:57	0°♏	
	-8700 Dec 06 j 15:07	0°♐	
evening max el	-8700 Dec 18 j 18:52	12°♐23'01	45°19'35
asc. node	-8700 Dec 20 j 15:21	14°♐10'58	
	-8699 Jan 07 j 19:14	0°♑	
greatest brilliancy	-8699 Jan 25 j 12:57	10°♑23'09	-4.7m
retrograde	-8699 Feb 05 j 07:02	12°♑28'50	
evening set	-8699 Feb 22 j 19:05	6°♑43'19	
inferior conj	-8699 Feb 26 j 19:03	4°♑14'49	7°39'11
minimum elong	-8699 Feb 27 j 00:21	4°♑06'26	7°38'11
min. Earth dist.	-8699 Feb 27 j 13:59	3°♑44'55	0.29492 AU
morning rise	-8699 Mar 03 j 05:22	1°♑29'48	
	-8699 Mar 05 j 20:14	30°℞♐	
direct	-8699 Mar 20 j 18:20	25°♐43'58	
greatest brilliancy	-8699 Mar 31 j 09:02	27°♐43'53	-4.7m
	-8699 Apr 05 j 14:58	0°♑	
desc. node	-8699 Apr 12 j 11:40	3°♑57'34	
morning max el	-8699 May 09 j 01:46	26°♑03'29	46°11'19
	-8699 May 13 j 02:03	0°♒	
	-8699 Jun 10 j 03:05	0°♓	
	-8699 Jul 05 j 21:24	0°♈	
	-8699 Jul 30 j 13:44	0°♉	
asc. node	-8699 Aug 02 j 12:22	3°♉38'01	
	-8699 Aug 23 j 16:37	0°♊	
	-8699 Sep 16 j 14:15	0°♋	
	-8699 Oct 10 j 12:22	0°♌	
	-8699 Nov 03 j 14:06	0°♍	
morning set	-8699 Nov 11 j 23:46	10°♍25'16	
desc. node	-8699 Nov 23 j 01:37	24°♍07'10	
	-8699 Nov 27 j 19:59	0°♎	
	-8699 Dec 22 j 04:46	0°♏	
superior conj	-8699 Dec 22 j 18:59	0°♏43'41	-0°59'59
minimum elong	-8699 Dec 22 j 09:21	0°♏14'08	0°59'54
max. Earth dist.	-8699 Dec 24 j 11:08	2°♏47'05	1.73327 AU
	-8698 Jan 15 j 14:52	0°♐	
evening rise	-8698 Jan 29 j 09:28	16°♐54'11	
	-8698 Feb 09 j 01:45	0°♑	
greatest brilliancy	-8698 Feb 13 j 06:39	5°♑09'11	-3.9m
	-8698 Mar 05 j 14:03	0°♒	
asc. node	-8698 Mar 14 j 23:00	11°♒26'23	
	-8698 Mar 30 j 05:08	0°♓	
	-8698 Apr 24 j 00:25	0°♈	
	-8698 May 19 j 01:59	0°♉	
	-8698 Jun 13 j 14:32	0°♊	
desc. node	-8698 Jul 05 j 16:50	25°♊07'42	
	-8698 Jul 10 j 02:46	0°♋	
evening max el	-8698 Jul 27 j 19:52	18°♋44'09	47°46'19
	-8698 Aug 08 j 10:42	0°♌	
greatest brilliancy	-8698 Sep 07 j 09:10	20°♌44'55	-4.9m
retrograde	-8698 Sep 16 j 22:40	22°♌31'37	
evening set	-8698 Oct 02 j 12:28	17°♌39'08	
min. Earth dist.	-8698 Oct 07 j 05:53	14°♌46'17	0.26946 AU
inferior conj	-8698 Oct 07 j 16:57	14°♌28'53	-4°20'23
minimum elong	-8698 Oct 08 j 01:20	14°♌15'42	4°17'37
morning rise	-8698 Oct 13 j 14:41	10°♌55'42	
asc. node	-8698 Oct 25 j 20:37	6°♌48'29	
direct	-8698 Oct 27 j 23:44	6°♌42'51	
greatest brilliancy	-8698 Nov 06 j 13:30	8°♌27'43	-4.9m
	-8698 Dec 07 j 18:44	0°♍	
morning max el	-8698 Dec 16 j 11:44	8°♍14'20	46°11'29
	-8697 Jan 06 j 15:03	0°♎	
	-8697 Feb 02 j 19:53	0°♏	
desc. node	-8697 Feb 15 j 15:03	14°♏34'17	
	-8697 Feb 28 j 23:15	0°♐	
	-8697 Mar 26 j 10:06	0°♑	
	-8697 Apr 20 j 07:48	0°♒	
	-8697 May 14 j 18:41	0°♓	
asc. node	-8697 Jun 07 j 12:01	29°♓31'21	
	-8697 Jun 07 j 21:10	0°♈	
morning set	-8697 Jun 10 j 20:54	3°♈44'35	
	-8697 Jul 01 j 17:53	0°♉	
max. Earth dist.	-8697 Jul 18 j 13:00	21°♉12'42	1.70859 AU
superior conj	-8697 Jul 19 j 02:20	21°♉54'53	1°16'42
minimum elong	-8697 Jul 18 j 18:57	21°♉31'31	1°16'58
	-8697 Jul 25 j 11:48	0°♊	
	-8697 Aug 18 j 05:55	0°♋	
evening rise	-8697 Aug 28 j 22:53	13°♋29'03	
	-8697 Sep 11 j 02:43	0°♌	
desc. node	-8697 Sep 28 j 01:24	21°♌10'15	
	-8697 Oct 05 j 03:45	0°♍	
	-8697 Oct 29 j 09:50	0°♎	
	-8697 Nov 22 j 22:07	0°♏	
	-8697 Dec 17 j 19:59	0°♐	
	-8696 Jan 12 j 11:18	0°♑	
asc. node	-8696 Jan 18 j 01:59	6°♑23'33	
	-8696 Feb 08 j 13:30	0°♒	
evening max el	-8696 Feb 29 j 00:20	20°♒37'07	45°02'25
	-8696 Mar 10 j 10:32	0°♓	
greatest brilliancy	-8696 Apr 07 j 00:37	17°♓39'03	-4.7m
retrograde	-8696 Apr 17 j 05:46	19°♓29'10	
evening set	-8696 May 01 j 22:32	15°♓25'24	
inferior conj	-8696 May 08 j 08:09	11°♓45'39	0°22'35
minimum elong	-8696 May 08 j 09:00	11°♓44'23	0°22'06
min. Earth dist.	-8696 May 09 j 04:42	11°♓14'49	0.27762 AU
desc. node	-8696 May 09 j 22:22	10°♓48'23	
morning rise	-8696 May 14 j 18:31	8°♓03'00	
direct	-8696 May 29 j 18:19	3°♓46'38	
greatest brilliancy	-8696 Jun 10 j 07:24	6°♓11'48	-4.8m
	-8696 Jul 12 j 21:24	0°♈	
morning max el	-8696 Jul 19 j 02:47	6°♈06'46	46°40'32
	-8696 Aug 10 j 08:40	0°♉	
asc. node	-8696 Aug 30 j 00:46	22°♉47'19	
	-8696 Sep 05 j 02:06	0°♊	
	-8696 Sep 29 j 19:58	0°♋	
	-8696 Oct 24 j 06:15	0°♌	
	-8696 Nov 17 j 16:34	0°♍	
	-8696 Dec 12 j 05:23	0°♎	
desc. node	-8696 Dec 20 j 15:14	10°♎15'27	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8695 Jan 05 j 19:53	0°♏	
morning set	-8695 Jan 23 j 23:50	22°♏09'26	
	-8695 Jan 30 j 09:55	0°♐	
	-8695 Feb 23 j 21:52	0°♑	
max. Earth dist.	-8695 Feb 26 j 20:33	3°♑36'58	1.73731 AU
superior conj	-8695 Mar 01 j 10:14	6°♑46'23	-1°14'48
minimum elong	-8695 Mar 01 j 16:05	7°♑04'20	1°15'15
	-8695 Mar 20 j 07:19	0°♒	
evening rise	-8695 Apr 05 j 19:18	20°♒20'53	
asc. node	-8695 Apr 11 j 11:33	27°♒21'29	
	-8695 Apr 13 j 14:53	0°♓	
	-8695 May 07 j 21:27	0°♈	
	-8695 Jun 01 j 04:06	0°♉	
	-8695 Jun 25 j 12:24	0°♊	
	-8695 Jul 20 j 01:05	0°♋	
desc. node	-8695 Aug 02 j 03:46	15°♋52'19	
	-8695 Aug 13 j 22:47	0°♌	
	-8695 Sep 08 j 14:38	0°♍	
	-8695 Oct 06 j 02:07	0°♎	
evening max el	-8695 Oct 06 j 22:47	0°♎52'49	46°58'29
	-8695 Nov 11 j 05:24	0°♏	
greatest brilliancy	-8695 Nov 15 j 11:41	1°♏58'24	-4.8m
asc. node	-8695 Nov 22 j 07:15	3°♏57'08	
retrograde	-8695 Nov 26 j 15:14	4°♏19'42	
	-8695 Dec 11 j 03:54	30°℞♎	
evening set	-8695 Dec 12 j 04:45	29°♎24'24	
min. Earth dist.	-8695 Dec 17 j 00:29	26°♎24'09	0.28781 AU
inferior conj	-8695 Dec 17 j 19:24	25°♎53'38	5°27'50
minimum elong	-8695 Dec 17 j 10:47	26°♎07'32	5°25'48
morning rise	-8695 Dec 22 j 17:34	22°♎48'44	
direct	-8694 Jan 08 j 02:49	17°♎34'31	
greatest brilliancy	-8694 Jan 16 j 21:59	19°♎00'40	-4.7m
	-8694 Feb 05 j 17:07	0°♏	
morning max el	-8694 Feb 25 j 19:53	17°♏14'19	45°54'47
	-8694 Mar 10 j 18:31	0°♐	
desc. node	-8694 Mar 15 j 02:49	4°♐28'59	
	-8694 Apr 07 j 16:05	0°♑	
	-8694 May 03 j 18:40	0°♒	
	-8694 May 28 j 20:59	0°♓	
	-8694 Jun 22 j 07:22	0°♈	
asc. node	-8694 Jul 05 j 01:28	15°♈53'27	
greatest brilliancy	-8694 Jul 13 j 00:57	25°♈53'35	-3.9m
	-8694 Jul 16 j 07:21	0°♉	
	-8694 Aug 09 j 01:39	0°♊	
morning set	-8694 Aug 23 j 18:43	18°♊37'18	
	-8694 Sep 01 j 18:40	0°♋	
	-8694 Sep 25 j 13:53	0°♌	
superior conj	-8694 Oct 04 j 17:25	11°♌28'22	0°45'11
minimum elong	-8694 Oct 05 j 04:14	12°♌02'12	0°45'12
max. Earth dist.	-8694 Oct 11 j 14:59	20°♌06'11	1.71518 AU
	-8694 Oct 19 j 13:16	0°♍	
desc. node	-8694 Oct 25 j 14:22	7°♍31'44	
	-8694 Nov 12 j 17:03	0°♎	
evening rise	-8694 Nov 16 j 11:05	4°♎38'29	
	-8694 Dec 07 j 00:34	0°♏	
	-8694 Dec 31 j 11:45	0°♐	
	-8693 Jan 25 j 04:12	0°♑	
asc. node	-8693 Feb 14 j 13:14	24°♑26'48	
	-8693 Feb 19 j 05:23	0°♒	
	-8693 Mar 16 j 20:27	0°♓	
	-8693 Apr 12 j 10:25	0°♈	
	-8693 May 11 j 00:51	0°♉	
evening max el	-8693 May 12 j 23:35	1°♉54'04	46°23'45
desc. node	-8693 Jun 07 j 08:48	23°♉31'51	
	-8693 Jun 18 j 13:24	0°♊	
greatest brilliancy	-8693 Jun 22 j 11:20	1°♊31'51	-4.9m
retrograde	-8693 Jul 01 j 21:26	3°♊09'35	
	-8693 Jul 14 j 15:11	30°℞♉	
evening set	-8693 Jul 18 j 23:54	27°♉41'02	
inferior conj	-8693 Jul 22 j 15:20	25°♉31'24	-8°30'43
minimum elong	-8693 Jul 22 j 09:05	25°♉40'48	8°29'43
min. Earth dist.	-8693 Jul 22 j 09:02	25°♉40'53	0.26625 AU
morning rise	-8693 Jul 25 j 18:15	23°♉39'58	
direct	-8693 Aug 12 j 01:20	17°♉59'10	
greatest brilliancy	-8693 Aug 22 j 10:51	20°♉01'37	-4.9m
	-8693 Sep 08 j 05:42	0°♊	
asc. node	-8693 Sep 27 j 12:03	17°♊12'56	
morning max el	-8693 Oct 01 j 16:20	21°♊25'38	46°41'17
	-8693 Oct 09 j 20:49	0°♋	
	-8693 Nov 05 j 17:16	0°♌	
	-8693 Dec 01 j 10:10	0°♍	
	-8693 Dec 26 j 18:31	0°♎	
desc. node	-8692 Jan 18 j 04:27	26°♎41'48	
	-8692 Jan 20 j 22:48	0°♏	
	-8692 Feb 14 j 22:38	0°♐	
	-8692 Mar 10 j 16:46	0°♑	
morning set	-8692 Apr 01 j 04:44	26°♑18'33	
	-8692 Apr 04 j 04:45	0°♒	
	-8692 Apr 28 j 11:09	0°♓	
max. Earth dist.	-8692 May 02 j 02:02	4°♓29'51	1.72545 AU
superior conj	-8692 May 06 j 14:33	10°♓07'17	-0°05'40
minimum elong	-8692 May 06 j 15:42	10°♓10'52	0°05'52
behind sun begin	-8692 May 05 j 18:51	9°♓06'00	
behind sun end	-8692 May 07 j 12:32	11°♓15'44	
asc. node	-8692 May 09 j 00:46	13°♓08'30	
	-8692 May 22 j 13:08	0°♈	
evening rise	-8692 Jun 11 j 20:38	25°♈25'32	
	-8692 Jun 15 j 12:13	0°♉	
	-8692 Jul 09 j 10:21	0°♊	
	-8692 Aug 02 j 09:50	0°♋	
	-8692 Aug 26 j 13:02	0°♌	
desc. node	-8692 Aug 29 j 15:13	3°♌49'27	
	-8692 Sep 19 j 22:18	0°♍	
	-8692 Oct 14 j 17:05	0°♎	
	-8692 Nov 09 j 05:19	0°♏	
	-8692 Dec 06 j 09:14	0°♐	
evening max el	-8692 Dec 16 j 09:33	10°♐09'07	45°22'02
asc. node	-8692 Dec 19 j 17:37	13°♐22'35	
	-8691 Jan 08 j 09:04	0°♑	
greatest brilliancy	-8691 Jan 23 j 04:59	8°♑16'38	-4.7m
retrograde	-8691 Feb 03 j 00:15	10°♑23'55	
evening set	-8691 Feb 20 j 13:26	4°♑35'31	
inferior conj	-8691 Feb 24 j 12:14	2°♑08'45	7°44'39
minimum elong	-8691 Feb 24 j 17:00	2°♑01'15	7°43'43
min. Earth dist.	-8691 Feb 25 j 06:10	1°♑40'26	0.29523 AU
	-8691 Feb 27 j 22:34	30°℞♐	
morning rise	-8691 Feb 28 j 20:19	29°♐27'04	
direct	-8691 Mar 18 j 10:58	23°♐37'14	
greatest brilliancy	-8691 Mar 29 j 01:07	25°♐36'33	-4.7m
	-8691 Apr 07 j 05:07	0°♑	
desc. node	-8691 Apr 11 j 13:52	2°♑45'09	
morning max el	-8691 May 06 j 18:16	23°♑53'58	46°10'24
	-8691 May 12 j 22:23	0°♒	
	-8691 Jun 09 j 18:16	0°♓	
	-8691 Jul 05 j 10:40	0°♈	
	-8691 Jul 30 j 02:04	0°♉	
asc. node	-8691 Aug 01 j 14:30	3°♉06'41	
	-8691 Aug 23 j 04:28	0°♊	
	-8691 Sep 16 j 01:49	0°♋	
	-8691 Oct 09 j 23:44	0°♌	
	-8691 Nov 03 j 01:18	0°♍	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

morning set	-8691 Nov 09 j 10:39	7°♍55'46	
desc. node	-8691 Nov 22 j 03:50	23°♍39'53	
	-8691 Nov 27 j 07:00	0°♎	
superior conj	-8691 Dec 20 j 09:30	28°♎27'22	-0°57'39
minimum elong	-8691 Dec 19 j 23:47	27°♎57'29	0°57'33
	-8691 Dec 21 j 15:38	0°♏	
max. Earth dist.	-8691 Dec 22 j 04:26	0°♏39'20	1.73282 AU
	-8690 Jan 15 j 01:41	0°♐	
evening rise	-8690 Jan 27 j 03:27	14°♐48'57	
	-8690 Feb 08 j 12:38	0°♑	
greatest brilliancy	-8690 Feb 12 j 09:27	4°♑44'23	-3.9m
	-8690 Mar 05 j 01:10	0°♒	
asc. node	-8690 Mar 14 j 01:06	10°♒58'32	
	-8690 Mar 29 j 16:39	0°♓	
	-8690 Apr 23 j 12:37	0°♈	
	-8690 May 18 j 15:13	0°♉	
	-8690 Jun 13 j 05:32	0°♊	
desc. node	-8690 Jul 04 j 19:04	24°♊24'57	
	-8690 Jul 09 j 21:17	0°♋	
evening max el	-8690 Jul 25 j 10:00	16°♋20'21	47°45'36
	-8690 Aug 08 j 16:44	0°♌	
greatest brilliancy	-8690 Sep 04 j 23:44	18°♌18'48	-4.9m
retrograde	-8690 Sep 14 j 12:50	20°♌05'06	
evening set	-8690 Sep 30 j 04:44	15°♌08'49	
inferior conj	-8690 Oct 05 j 06:29	12°♌03'00	-4°40'33
minimum elong	-8690 Oct 05 j 15:21	11°♌49'06	4°37'41
min. Earth dist.	-8690 Oct 04 j 19:47	12°♌19'46	0.26911 AU
morning rise	-8690 Oct 11 j 02:26	8°♌32'57	
asc. node	-8690 Oct 24 j 22:59	4°♌18'07	
direct	-8690 Oct 25 j 12:56	4°♌17'42	
greatest brilliancy	-8690 Nov 04 j 03:21	6°♌03'38	-4.9m
	-8690 Dec 07 j 21:34	0°♍	
morning max el	-8690 Dec 14 j 03:07	5°♍58'02	46°12'36
	-8689 Jan 06 j 08:16	0°♎	
	-8689 Feb 02 j 09:57	0°♏	
desc. node	-8689 Feb 14 j 17:05	14°♏02'07	
	-8689 Feb 28 j 11:49	0°♐	
	-8689 Mar 25 j 21:51	0°♑	
	-8689 Apr 19 j 19:06	0°♒	
	-8689 May 14 j 05:46	0°♓	
asc. node	-8689 Jun 06 j 14:14	29°♓03'51	
	-8689 Jun 07 j 08:11	0°♈	
morning set	-8689 Jun 08 j 13:10	1°♈30'43	
	-8689 Jul 01 j 04:56	0°♉	
max. Earth dist.	-8689 Jul 15 j 19:46	18°♉27'25	1.70887 AU
superior conj	-8689 Jul 16 j 15:17	19°♉29'03	1°15'13
minimum elong	-8689 Jul 16 j 07:23	19°♉04'04	1°15'26
	-8689 Jul 24 j 22:55	0°♊	
	-8689 Aug 17 j 17:07	0°♋	
evening rise	-8689 Aug 26 j 07:08	10°♋48'42	
	-8689 Sep 10 j 14:01	0°♌	
desc. node	-8689 Sep 27 j 03:33	20°♌41'24	
	-8689 Oct 04 j 15:11	0°♍	
	-8689 Oct 28 j 21:27	0°♎	
	-8689 Nov 22 j 10:04	0°♏	
	-8689 Dec 17 j 08:34	0°♐	
	-8688 Jan 12 j 01:16	0°♑	
asc. node	-8688 Jan 17 j 04:13	5°♑49'02	
	-8688 Feb 08 j 06:51	0°♒	
evening max el	-8688 Feb 26 j 16:02	18°♒26'16	45°01'12
	-8688 Mar 10 j 16:57	0°♓	
greatest brilliancy	-8688 Apr 04 j 14:12	15°♓23'57	-4.7m
retrograde	-8688 Apr 14 j 19:31	17°♓13'48	
evening set	-8688 Apr 29 j 13:45	13°♓08'37	
inferior conj	-8688 May 05 j 22:19	9°♓29'34	0°43'45
minimum elong	-8688 May 05 j 23:57	9°♓27'07	0°43'01
min. Earth dist.	-8688 May 06 j 19:39	8°♓57'27	0.27827 AU
desc. node	-8688 May 09 j 00:39	7°♓38'35	
morning rise	-8688 May 12 j 09:13	5°♓45'39	
direct	-8688 May 27 j 09:46	1°♓29'22	
greatest brilliancy	-8688 Jun 07 j 22:00	3°♓53'29	-4.8m
	-8688 Jul 12 j 22:13	0°♈	
morning max el	-8688 Jul 16 j 17:11	3°♈45'26	46°39'40
	-8688 Aug 10 j 01:38	0°♉	
asc. node	-8688 Aug 29 j 02:51	22°♉09'36	
	-8688 Sep 04 j 16:27	0°♊	
	-8688 Sep 29 j 09:03	0°♋	
	-8688 Oct 23 j 18:36	0°♌	
	-8688 Nov 17 j 04:25	0°♍	
	-8688 Dec 11 j 16:53	0°♎	
desc. node	-8688 Dec 19 j 17:19	9°♎47'07	
	-8687 Jan 05 j 07:06	0°♏	
morning set	-8687 Jan 21 j 16:21	19°♏59'34	
	-8687 Jan 29 j 20:56	0°♐	
	-8687 Feb 23 j 08:45	0°♑	
max. Earth dist.	-8687 Feb 24 j 18:29	1°♑43'30	1.73741 AU
superior conj	-8687 Feb 27 j 05:25	4°♑44'26	-1°15'55
minimum elong	-8687 Feb 27 j 10:51	5°♑01'07	1°16'23
	-8687 Mar 19 j 18:13	0°♒	
evening rise	-8687 Apr 03 j 15:01	18°♒19'45	
asc. node	-8687 Apr 10 j 13:50	26°♒54'34	
	-8687 Apr 13 j 01:55	0°♓	
	-8687 May 07 j 08:46	0°♈	
	-8687 May 31 j 15:48	0°♉	
	-8687 Jun 25 j 00:38	0°♊	
	-8687 Jul 19 j 14:03	0°♋	
desc. node	-8687 Aug 01 j 05:49	15°♋17'50	
	-8687 Aug 13 j 12:53	0°♌	
	-8687 Sep 08 j 06:49	0°♍	
evening max el	-8687 Oct 04 j 14:41	28°♍35'41	47°01'46
	-8687 Oct 05 j 23:54	0°♎	
greatest brilliancy	-8687 Nov 13 j 06:02	29°♎46'57	-4.8m
	-8687 Nov 13 j 19:21	0°♏	
asc. node	-8687 Nov 21 j 09:30	1°♏56'16	
retrograde	-8687 Nov 24 j 08:03	2°♏06'45	
	-8687 Dec 04 j 09:08	30°℞♎	
evening set	-8687 Dec 09 j 19:37	27°♎14'56	
min. Earth dist.	-8687 Dec 14 j 16:45	24°♎12'30	0.28712 AU
inferior conj	-8687 Dec 15 j 12:05	23°♎41'14	5°13'33
minimum elong	-8687 Dec 15 j 03:35	23°♎54'59	5°11'30
morning rise	-8687 Dec 20 j 12:19	20°♎33'04	
direct	-8686 Jan 05 j 18:41	15°♎23'23	
greatest brilliancy	-8686 Jan 14 j 13:22	16°♎48'58	-4.7m
	-8686 Feb 06 j 05:20	0°♏	
morning max el	-8686 Feb 23 j 10:51	15°♏02'13	45°54'47
	-8686 Mar 10 j 13:02	0°♐	
desc. node	-8686 Mar 14 j 05:00	3°♐48'28	
	-8686 Apr 07 j 06:37	0°♑	
	-8686 May 03 j 07:33	0°♒	
	-8686 May 28 j 09:03	0°♓	
	-8686 Jun 21 j 19:02	0°♈	
asc. node	-8686 Jul 04 j 03:36	15°♈24'03	
greatest brilliancy	-8686 Jul 14 j 15:06	28°♈32'50	-3.9m
	-8686 Jul 15 j 18:49	0°♉	
	-8686 Aug 08 j 13:03	0°♊	
morning set	-8686 Aug 21 j 05:00	16°♊01'54	
	-8686 Sep 01 j 06:03	0°♋	
	-8686 Sep 25 j 01:16	0°♌	
superior conj	-8686 Oct 02 j 01:42	8°♌48'23	0°48'30
minimum elong	-8686 Oct 02 j 12:56	9°♌23'34	0°48'32

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

max. Earth dist.	-8686 Oct 08 j 23:31	17°♌27'19	1.71451 AU
	-8686 Oct 19 j 00:38	0°♍	
desc. node	-8686 Oct 24 j 16:36	7°♍03'24	
	-8686 Nov 12 j 04:23	0°♎	
evening rise	-8686 Nov 13 j 21:50	2°♎08'16	
	-8686 Dec 06 j 11:54	0°♏	
	-8686 Dec 30 j 23:14	0°♐	
	-8685 Jan 24 j 16:03	0°♑	
asc. node	-8685 Feb 13 j 15:21	23°♑56'08	
	-8685 Feb 18 j 17:58	0°♒	
	-8685 Mar 16 j 10:25	0°♓	
	-8685 Apr 12 j 03:08	0°♈	
evening max el	-8685 May 10 j 11:29	29°♈27'41	46°20'06
	-8685 May 11 j 00:51	0°♉	
desc. node	-8685 Jun 06 j 10:59	22°♉08'18	
greatest brilliancy	-8685 Jun 19 j 22:49	29°♉02'31	-4.9m
	-8685 Jun 23 j 09:30	0°♊	
retrograde	-8685 Jun 29 j 08:40	0°♊40'18	
	-8685 Jul 05 j 04:26	30°℞♉	
evening set	-8685 Jul 16 j 07:40	25°♉17'52	
inferior conj	-8685 Jul 20 j 03:18	23°♉02'36	-8°22'30
minimum elong	-8685 Jul 19 j 20:17	23°♉13'09	8°21'21
min. Earth dist.	-8685 Jul 19 j 21:39	23°♉11'05	0.26639 AU
morning rise	-8685 Jul 23 j 08:49	21°♉07'31	
direct	-8685 Aug 09 j 13:09	15°♉29'47	
greatest brilliancy	-8685 Aug 20 j 00:59	17°♉33'54	-4.9m
	-8685 Sep 08 j 21:51	0°♊	
asc. node	-8685 Sep 26 j 14:26	16°♊17'18	
morning max el	-8685 Sep 29 j 04:34	18°♊54'45	46°41'56
	-8685 Oct 09 j 17:03	0°♋	
	-8685 Nov 05 j 09:05	0°♌	
	-8685 Dec 01 j 00:03	0°♍	
	-8685 Dec 26 j 07:16	0°♎	
desc. node	-8684 Jan 17 j 06:31	26°♎11'51	
	-8684 Jan 20 j 10:49	0°♏	
	-8684 Feb 14 j 10:11	0°♐	
	-8684 Mar 10 j 04:01	0°♑	
morning set	-8684 Mar 29 j 23:59	24°♑15'59	
	-8684 Apr 03 j 15:52	0°♒	
	-8684 Apr 27 j 22:15	0°♓	
max. Earth dist.	-8684 Apr 29 j 22:16	2°♓29'04	1.72604 AU
superior conj	-8684 May 04 j 09:06	8°♓01'05	-0°08'44
minimum elong	-8684 May 04 j 10:50	8°♓06'30	0°08'55
behind sun begin	-8684 May 03 j 16:15	7°♓08'41	
behind sun end	-8684 May 05 j 05:25	9°♓04'19	
asc. node	-8684 May 08 j 02:58	12°♓40'43	
	-8684 May 22 j 00:19	0°♈	
evening rise	-8684 Jun 09 j 13:23	23°♈12'21	
	-8684 Jun 14 j 23:32	0°♉	
	-8684 Jul 08 j 21:52	0°♊	
	-8684 Aug 01 j 21:37	0°♋	
	-8684 Aug 26 j 01:10	0°♌	
desc. node	-8684 Aug 28 j 17:25	3°♌18'36	
	-8684 Sep 19 j 10:54	0°♍	
	-8684 Oct 14 j 06:27	0°♎	
	-8684 Nov 08 j 20:15	0°♏	
	-8684 Dec 06 j 04:20	0°♐	
evening max el	-8684 Dec 14 j 01:07	7°♐56'06	45°24'40
asc. node	-8684 Dec 18 j 19:51	12°♐31'59	
	-8683 Jan 09 j 04:36	0°♑	
greatest brilliancy	-8683 Jan 20 j 20:35	6°♑08'20	-4.7m
retrograde	-8683 Jan 31 j 17:48	8°♑17'40	
evening set	-8683 Feb 18 j 07:36	2°♑26'38	
inferior conj	-8683 Feb 22 j 05:23	0°♑01'18	7°49'23
minimum elong	-8683 Feb 22 j 09:35	29°♐54'41	7°48'33
	-8683 Feb 22 j 06:13	30°℞♐	
min. Earth dist.	-8683 Feb 22 j 21:56	29°♐35'10	0.29550 AU
morning rise	-8683 Feb 26 j 11:22	27°♐22'49	
direct	-8683 Mar 16 j 04:02	21°♐29'17	
greatest brilliancy	-8683 Mar 26 j 16:33	23°♐27'30	-4.7m
	-8683 Apr 08 j 08:32	0°♑	
desc. node	-8683 Apr 10 j 16:12	1°♑33'54	
morning max el	-8683 May 04 j 11:33	21°♑45'26	46°09'26
	-8683 May 12 j 18:32	0°♒	
	-8683 Jun 09 j 09:39	0°♓	
	-8683 Jul 05 j 00:11	0°♈	
	-8683 Jul 29 j 14:39	0°♉	
asc. node	-8683 Jul 31 j 16:37	2°♉34'25	
	-8683 Aug 22 j 16:33	0°♊	
	-8683 Sep 15 j 13:38	0°♋	
	-8683 Oct 09 j 11:21	0°♌	
	-8683 Nov 02 j 12:45	0°♍	
morning set	-8683 Nov 06 j 21:36	5°♍25'24	
desc. node	-8683 Nov 21 j 05:52	23°♍11'06	
	-8683 Nov 26 j 18:19	0°♎	
superior conj	-8683 Dec 17 j 23:38	26°♎08'45	-0°55'13
minimum elong	-8683 Dec 17 j 13:53	25°♎38'46	0°55'03
max. Earth dist.	-8683 Dec 19 j 21:51	28°♎30'51	1.73241 AU
	-8683 Dec 21 j 02:51	0°♏	
	-8682 Jan 14 j 12:51	0°♐	
evening rise	-8682 Jan 24 j 21:05	12°♐41'36	
	-8682 Feb 07 j 23:51	0°♑	
greatest brilliancy	-8682 Feb 11 j 05:35	3°♑58'06	-3.9m
	-8682 Mar 04 j 12:36	0°♒	
asc. node	-8682 Mar 13 j 03:24	10°♒30'16	
	-8682 Mar 29 j 04:31	0°♓	
	-8682 Apr 23 j 01:12	0°♈	
	-8682 May 18 j 04:56	0°♉	
	-8682 Jun 12 j 21:06	0°♊	
desc. node	-8682 Jul 03 j 21:13	23°♊40'29	
	-8682 Jul 09 j 16:39	0°♋	
evening max el	-8682 Jul 23 j 01:19	13°♋58'42	47°44'47
	-8682 Aug 09 j 01:23	0°♌	
greatest brilliancy	-8682 Sep 02 j 14:01	15°♌51'50	-4.9m
retrograde	-8682 Sep 12 j 03:17	17°♌37'54	
evening set	-8682 Sep 27 j 21:09	12°♌38'01	
inferior conj	-8682 Oct 02 j 20:02	9°♌36'35	-5°00'07
minimum elong	-8682 Oct 03 j 05:19	9°♌22'04	4°57'12
min. Earth dist.	-8682 Oct 02 j 09:28	9°♌53'07	0.26873 AU
morning rise	-8682 Oct 08 j 13:59	6°♌09'57	
direct	-8682 Oct 23 j 02:37	1°♌52'20	
asc. node	-8682 Oct 24 j 01:11	1°♌53'25	
greatest brilliancy	-8682 Nov 01 j 16:44	3°♌38'34	-4.9m
	-8682 Dec 07 j 23:11	0°♍	
morning max el	-8682 Dec 11 j 18:33	3°♍41'13	46°13'33
	-8681 Jan 06 j 01:23	0°♎	
	-8681 Feb 02 j 00:09	0°♏	
desc. node	-8681 Feb 13 j 19:15	13°♏29'40	
	-8681 Feb 28 j 00:37	0°♐	
	-8681 Mar 25 j 09:52	0°♑	
	-8681 Apr 19 j 06:39	0°♒	
	-8681 May 13 j 17:05	0°♓	
asc. node	-8681 Jun 05 j 16:15	28°♓35'01	
morning set	-8681 Jun 06 j 05:28	29°♓16'20	
	-8681 Jun 06 j 19:25	0°♈	
	-8681 Jun 30 j 16:13	0°♉	
max. Earth dist.	-8681 Jul 12 j 23:39	15°♉32'18	1.70920 AU
superior conj	-8681 Jul 14 j 04:27	17°♉03'13	1°13'36
minimum elong	-8681 Jul 13 j 20:06	16°♉36'51	1°13'46
	-8681 Jul 24 j 10:18	0°♊	
	-8681 Aug 17 j 04:35	0°♋	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

evening rise	-8681 Aug 23 j 15:38	8°♋08'17	
	-8681 Sep 10 j 01:33	0°♌	
desc. node	-8681 Sep 26 j 05:47	20°♌12'17	
	-8681 Oct 04 j 02:48	0°♍	
	-8681 Oct 28 j 09:14	0°♎	
	-8681 Nov 21 j 22:10	0°♏	
	-8681 Dec 16 j 21:21	0°♐	
	-8680 Jan 11 j 15:31	0°♑	
asc. node	-8680 Jan 16 j 06:21	5°♑13'35	
	-8680 Feb 08 j 00:48	0°♒	
evening max el	-8680 Feb 24 j 07:22	16°♒13'58	45°00'00
	-8680 Mar 11 j 02:08	0°♓	
greatest brilliancy	-8680 Apr 02 j 04:28	13°♓09'19	-4.7m
retrograde	-8680 Apr 12 j 08:57	14°♓58'29	
evening set	-8680 Apr 27 j 05:17	10°♓51'35	
inferior conj	-8680 May 03 j 12:42	7°♓13'40	1°04'37
minimum elong	-8680 May 03 j 15:05	7°♓10'04	1°03'38
min. Earth dist.	-8680 May 04 j 11:06	6°♓39'51	0.27894 AU
desc. node	-8680 May 08 j 02:46	4°♓30'36	
morning rise	-8680 May 09 j 23:54	3°♓28'35	
	-8680 May 18 j 15:53	30°℞♒	
direct	-8680 May 25 j 00:53	29°♒12'12	
	-8680 May 31 j 13:29	0°♓	
greatest brilliancy	-8680 Jun 05 j 13:15	1°♓35'49	-4.8m
	-8680 Jul 12 j 22:04	0°♈	
morning max el	-8680 Jul 14 j 06:43	1°♈21'36	46°38'45
	-8680 Aug 09 j 18:25	0°♉	
asc. node	-8680 Aug 28 j 05:08	21°♉32'20	
	-8680 Sep 04 j 06:48	0°♊	
	-8680 Sep 28 j 22:11	0°♋	
	-8680 Oct 23 j 07:00	0°♌	
	-8680 Nov 16 j 16:20	0°♍	
	-8680 Dec 11 j 04:25	0°♎	
desc. node	-8680 Dec 18 j 19:23	9°♎18'35	
	-8679 Jan 04 j 18:21	0°♏	
morning set	-8679 Jan 19 j 09:01	17°♏50'06	
	-8679 Jan 29 j 07:58	0°♐	
max. Earth dist.	-8679 Feb 22 j 15:20	29°♐46'39	1.73754 AU
	-8679 Feb 22 j 19:41	0°♑	
superior conj	-8679 Feb 25 j 00:44	2°♑42'49	-1°16'56
minimum elong	-8679 Feb 25 j 05:45	2°♑58'11	1°17'26
	-8679 Mar 19 j 05:10	0°♒	
evening rise	-8679 Apr 01 j 10:45	16°♒18'30	
asc. node	-8679 Apr 09 j 15:58	26°♒26'54	
	-8679 Apr 12 j 13:02	0°♓	
	-8679 May 06 j 20:10	0°♈	
	-8679 May 31 j 03:37	0°♉	
	-8679 Jun 24 j 12:59	0°♊	
	-8679 Jul 19 j 03:08	0°♋	
desc. node	-8679 Jul 31 j 08:03	14°♋43'36	
	-8679 Aug 13 j 03:09	0°♌	
	-8679 Sep 07 j 23:20	0°♍	
evening max el	-8679 Oct 02 j 05:54	26°♍16'33	47°05'00
	-8679 Oct 05 j 22:35	0°♎	
greatest brilliancy	-8679 Nov 11 j 00:46	27°♎35'49	-4.8m
asc. node	-8679 Nov 20 j 11:40	29°♎51'06	
retrograde	-8679 Nov 22 j 00:48	29°♎54'02	
evening set	-8679 Dec 07 j 10:38	25°♎05'24	
min. Earth dist.	-8679 Dec 12 j 09:26	22°♎00'41	0.28640 AU
inferior conj	-8679 Dec 13 j 04:53	21°♎29'14	4°58'50
minimum elong	-8679 Dec 12 j 20:32	21°♎42'45	4°56'46
morning rise	-8679 Dec 18 j 07:09	18°♎17'51	
direct	-8678 Jan 03 j 10:03	13°♎12'33	
greatest brilliancy	-8678 Jan 12 j 05:23	14°♎38'18	-4.7m
	-8678 Feb 06 j 14:12	0°♏	
morning max el	-8678 Feb 21 j 01:40	12°♏50'06	45°54'54
	-8678 Mar 10 j 06:57	0°♐	
desc. node	-8678 Mar 13 j 07:17	3°♐09'08	
	-8678 Apr 06 j 20:53	0°♑	
	-8678 May 02 j 20:18	0°♒	
	-8678 May 27 j 21:03	0°♓	
	-8678 Jun 21 j 06:39	0°♈	
asc. node	-8678 Jul 03 j 05:45	14°♈54'51	
	-8678 Jul 15 j 06:15	0°♉	
greatest brilliancy	-8678 Jul 15 j 17:36	0°♉35'45	-3.9m
	-8678 Aug 08 j 00:23	0°♊	
morning set	-8678 Aug 18 j 15:22	13°♊26'58	
	-8678 Aug 31 j 17:20	0°♋	
	-8678 Sep 24 j 12:33	0°♌	
superior conj	-8678 Sep 29 j 09:59	6°♌08'32	0°51'41
minimum elong	-8678 Sep 29 j 21:34	6°♌44'50	0°51'46
max. Earth dist.	-8678 Oct 06 j 04:49	14°♌38'32	1.71389 AU
	-8678 Oct 18 j 11:55	0°♍	
desc. node	-8678 Oct 23 j 18:36	6°♍34'33	
evening rise	-8678 Nov 11 j 08:26	29°♍37'41	
	-8678 Nov 11 j 15:38	0°♎	
	-8678 Dec 05 j 23:10	0°♏	
	-8678 Dec 30 j 10:36	0°♐	
	-8677 Jan 24 j 03:46	0°♑	
asc. node	-8677 Feb 12 j 17:43	23°♑26'44	
	-8677 Feb 18 j 06:25	0°♒	
	-8677 Mar 16 j 00:18	0°♓	
	-8677 Apr 11 j 19:59	0°♈	
evening max el	-8677 May 07 j 23:41	27°♈02'39	46°16'21
	-8677 May 11 j 01:50	0°♉	
desc. node	-8677 Jun 05 j 13:09	20°♉42'07	
greatest brilliancy	-8677 Jun 17 j 09:42	26°♉32'46	-4.9m
retrograde	-8677 Jun 26 j 20:17	28°♉11'24	
evening set	-8677 Jul 13 j 15:09	22°♉54'57	
inferior conj	-8677 Jul 17 j 15:11	20°♉33'56	-8°13'11
minimum elong	-8677 Jul 17 j 07:26	20°♉45'33	8°11'53
min. Earth dist.	-8677 Jul 17 j 10:00	20°♉41'42	0.26657 AU
morning rise	-8677 Jul 20 j 23:36	18°♉34'57	
direct	-8677 Aug 07 j 01:24	13°♉00'29	
greatest brilliancy	-8677 Aug 17 j 14:54	15°♉06'19	-4.9m
	-8677 Sep 09 j 09:51	0°♊	
asc. node	-8677 Sep 25 j 16:39	15°♊22'48	
morning max el	-8677 Sep 26 j 17:41	16°♊26'36	46°42'37
	-8677 Oct 09 j 12:33	0°♋	
	-8677 Nov 05 j 00:30	0°♌	
	-8677 Nov 30 j 13:37	0°♍	
	-8677 Dec 25 j 19:46	0°♎	
desc. node	-8676 Jan 16 j 08:39	25°♎42'48	
	-8676 Jan 19 j 22:36	0°♏	
	-8676 Feb 13 j 21:28	0°♐	
	-8676 Mar 09 j 14:59	0°♑	
morning set	-8676 Mar 27 j 19:36	22°♑15'29	
	-8676 Apr 03 j 02:42	0°♒	
	-8676 Apr 27 j 09:05	0°♓	
max. Earth dist.	-8676 Apr 27 j 19:45	0°♓33'08	1.72665 AU
superior conj	-8676 May 02 j 03:59	5°♓56'54	-0°11'44
minimum elong	-8676 May 02 j 06:18	6°♓04'05	0°11'54
behind sun begin	-8676 May 01 j 15:27	5°♓17'55	
behind sun end	-8676 May 02 j 21:09	6°♓50'14	
asc. node	-8676 May 07 j 05:03	12°♓13'25	
	-8676 May 21 j 11:14	0°♈	
evening rise	-8676 Jun 07 j 06:28	21°♈00'52	
	-8676 Jun 14 j 10:39	0°♉	
	-8676 Jul 08 j 09:14	0°♊	
	-8676 Aug 01 j 09:16	0°♋	
	-8676 Aug 25 j 13:08	0°♌	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

desc. node	-8676 Aug 27 j 19:39	2°♌48'22	
	-8676 Sep 18 j 23:20	0°♍	
	-8676 Oct 13 j 19:40	0°♎	
	-8676 Nov 08 j 11:08	0°♏	
	-8676 Dec 05 j 23:41	0°♐	
evening max el	-8676 Dec 11 j 17:32	5°♐45'45	45°27'22
asc. node	-8676 Dec 17 j 22:05	11°♐41'15	
	-8675 Jan 10 j 06:51	0°♑	
greatest brilliancy	-8675 Jan 18 j 12:27	4°♑01'15	-4.7m
retrograde	-8675 Jan 29 j 11:36	6°♑12'14	
evening set	-8675 Feb 16 j 01:41	0°♑19'10	
	-8675 Feb 16 j 14:22	30°℞♐	
inferior conj	-8675 Feb 19 j 22:36	27°♐54'52	7°53'32
minimum elong	-8675 Feb 20 j 02:12	27°♐49'11	7°52'48
min. Earth dist.	-8675 Feb 20 j 13:30	27°♐31'21	0.29568 AU
morning rise	-8675 Feb 24 j 02:36	25°♐19'22	
direct	-8675 Mar 13 j 21:32	19°♐22'39	
greatest brilliancy	-8675 Mar 24 j 07:22	21°♐19'01	-4.7m
	-8675 Apr 09 j 04:00	0°♑	
desc. node	-8675 Apr 09 j 18:13	0°♑25'17	
morning max el	-8675 May 02 j 04:59	19°♑38'44	46°08'30
	-8675 May 12 j 13:37	0°♒	
	-8675 Jun 09 j 00:23	0°♓	
	-8675 Jul 04 j 13:15	0°♈	
	-8675 Jul 29 j 02:55	0°♉	
asc. node	-8675 Jul 30 j 18:53	2°♉03'38	
	-8675 Aug 22 j 04:24	0°♊	
	-8675 Sep 15 j 01:14	0°♋	
	-8675 Oct 08 j 22:46	0°♌	
	-8675 Nov 01 j 23:58	0°♍	
morning set	-8675 Nov 04 j 08:06	2°♍54'17	
desc. node	-8675 Nov 20 j 07:58	22°♍43'18	
	-8675 Nov 26 j 05:23	0°♎	
superior conj	-8675 Dec 15 j 13:16	23°♎49'15	-0°52'38
minimum elong	-8675 Dec 15 j 03:33	23°♎19'19	0°52'26
max. Earth dist.	-8675 Dec 17 j 16:53	26°♎28'04	1.73197 AU
	-8675 Dec 20 j 13:48	0°♏	
	-8674 Jan 13 j 23:46	0°♐	
evening rise	-8674 Jan 22 j 14:33	10°♐34'29	
	-8674 Feb 07 j 10:50	0°♑	
greatest brilliancy	-8674 Feb 10 j 09:41	3°♑36'58	-3.9m
	-8674 Mar 03 j 23:47	0°♒	
asc. node	-8674 Mar 12 j 05:34	10°♒02'29	
	-8674 Mar 28 j 16:06	0°♓	
	-8674 Apr 22 j 13:29	0°♈	
	-8674 May 17 j 18:20	0°♉	
	-8674 Jun 12 j 12:27	0°♊	
desc. node	-8674 Jul 02 j 23:27	22°♊56'48	
	-8674 Jul 09 j 12:08	0°♋	
evening max el	-8674 Jul 20 j 16:55	11°♋38'43	47°43'29
	-8674 Aug 09 j 12:38	0°♌	
greatest brilliancy	-8674 Aug 31 j 04:07	13°♌24'49	-4.9m
retrograde	-8674 Sep 09 j 17:13	15°♌10'07	
evening set	-8674 Sep 25 j 13:27	10°♌06'48	
inferior conj	-8674 Sep 30 j 09:18	7°♌09'45	-5°19'23
minimum elong	-8674 Sep 30 j 18:56	6°♌54'42	5°16'27
min. Earth dist.	-8674 Sep 29 j 22:56	7°♌25'57	0.26840 AU
morning rise	-8674 Oct 06 j 00:57	3°♌46'41	
	-8674 Oct 15 j 12:44	30°℞♋	
direct	-8674 Oct 20 j 16:08	29°♋26'41	
asc. node	-8674 Oct 23 j 03:20	29°♋34'08	
	-8674 Oct 25 j 22:34	0°♌	
greatest brilliancy	-8674 Oct 30 j 05:56	1°♌12'55	-4.9m
	-8674 Dec 07 j 23:25	0°♍	
morning max el	-8674 Dec 09 j 09:07	1°♍22'28	46°14'30
	-8673 Jan 05 j 17:57	0°♎	
	-8673 Feb 01 j 13:59	0°♏	
desc. node	-8673 Feb 12 j 21:29	12°♏58'22	
	-8673 Feb 27 j 13:04	0°♐	
	-8673 Mar 24 j 21:33	0°♑	
	-8673 Apr 18 j 17:53	0°♒	
	-8673 May 13 j 04:04	0°♓	
morning set	-8673 Jun 03 j 22:18	27°♓04'44	
asc. node	-8673 Jun 04 j 18:29	28°♓07'52	
	-8673 Jun 06 j 06:20	0°♈	
	-8673 Jun 30 j 03:09	0°♉	
max. Earth dist.	-8673 Jul 10 j 03:46	12°♉39'08	1.70958 AU
superior conj	-8673 Jul 11 j 18:17	14°♉40'45	1°11'52
minimum elong	-8673 Jul 11 j 09:35	14°♉13'16	1°12'00
	-8673 Jul 23 j 21:19	0°♊	
	-8673 Aug 16 j 15:43	0°♋	
evening rise	-8673 Aug 21 j 00:35	5°♋30'14	
	-8673 Sep 09 j 12:48	0°♌	
desc. node	-8673 Sep 25 j 07:49	19°♌43'09	
	-8673 Oct 03 j 14:13	0°♍	
	-8673 Oct 27 j 20:51	0°♎	
	-8673 Nov 21 j 10:08	0°♏	
	-8673 Dec 16 j 10:01	0°♐	
	-8672 Jan 11 j 05:45	0°♑	
asc. node	-8672 Jan 15 j 08:42	4°♑39'03	
	-8672 Feb 07 j 19:00	0°♒	
evening max el	-8672 Feb 21 j 21:42	13°♒59'50	44°58'57
	-8672 Mar 11 j 14:11	0°♓	
greatest brilliancy	-8672 Mar 30 j 18:53	10°♓55'32	-4.7m
retrograde	-8672 Apr 09 j 22:16	12°♓44'12	
evening set	-8672 Apr 24 j 20:56	8°♓35'04	
inferior conj	-8672 May 01 j 03:06	4°♓58'43	1°25'14
minimum elong	-8672 May 01 j 06:14	4°♓53'59	1°24'02
min. Earth dist.	-8672 May 02 j 02:47	4°♓22'53	0.27959 AU
desc. node	-8672 May 07 j 04:59	1°♓25'25	
morning rise	-8672 May 07 j 14:25	1°♓12'46	
	-8672 May 10 j 00:26	30°℞♒	
direct	-8672 May 22 j 15:34	26°♒55'46	
greatest brilliancy	-8672 Jun 03 j 05:02	29°♒19'44	-4.8m
	-8672 Jun 04 j 19:26	0°♓	
morning max el	-8672 Jul 11 j 20:02	28°♓58'15	46°38'07
	-8672 Jul 12 j 20:34	0°♈	
	-8672 Aug 09 j 10:34	0°♉	
asc. node	-8672 Aug 27 j 07:21	20°♉56'14	
	-8672 Sep 03 j 20:40	0°♊	
	-8672 Sep 28 j 10:57	0°♋	
	-8672 Oct 22 j 19:08	0°♌	
	-8672 Nov 16 j 04:02	0°♍	
	-8672 Dec 10 j 15:48	0°♎	
desc. node	-8672 Dec 17 j 21:35	8°♎50'53	
	-8671 Jan 04 j 05:27	0°♏	
morning set	-8671 Jan 17 j 01:04	15°♏39'02	
	-8671 Jan 28 j 18:52	0°♐	
max. Earth dist.	-8671 Feb 20 j 11:09	27°♐47'05	1.73765 AU
	-8671 Feb 22 j 06:29	0°♑	
superior conj	-8671 Feb 22 j 19:40	0°♑40'27	-1°17'52
minimum elong	-8671 Feb 23 j 00:12	0°♑54'23	1°18'21
	-8671 Mar 18 j 16:00	0°♒	
evening rise	-8671 Mar 30 j 06:19	14°♒17'13	
asc. node	-8671 Apr 08 j 18:04	25°♒59'30	
	-8671 Apr 12 j 00:02	0°♓	
	-8671 May 06 j 07:28	0°♈	
	-8671 May 30 j 15:18	0°♉	
	-8671 Jun 24 j 01:11	0°♊	
	-8671 Jul 18 j 16:04	0°♋	
desc. node	-8671 Jul 30 j 10:18	14°♋10'06	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8671 Aug 12 j 17:15	0°♌	
	-8671 Sep 07 j 15:49	0°♍	
evening max el	-8671 Sep 29 j 20:34	23°♍56'41	47°08'06
	-8671 Oct 05 j 21:55	0°♎	
greatest brilliancy	-8671 Nov 08 j 18:56	25°♎23'59	-4.8m
retrograde	-8671 Nov 19 j 17:21	27°♎41'18	
asc. node	-8671 Nov 19 j 14:00	27°♎41'17	
evening set	-8671 Dec 05 j 01:36	22°♎55'15	
min. Earth dist.	-8671 Dec 10 j 02:05	19°♎48'27	0.28575 AU
inferior conj	-8671 Dec 10 j 21:34	19°♎16'59	4°43'26
minimum elong	-8671 Dec 10 j 13:25	19°♎30'09	4°41'22
morning rise	-8671 Dec 16 j 01:54	16°♎02'29	
direct	-8670 Jan 01 j 01:14	11°♎01'07	
greatest brilliancy	-8670 Jan 09 j 21:45	12°♎27'42	-4.7m
	-8670 Feb 06 j 20:41	0°♏	
morning max el	-8670 Feb 18 j 16:56	10°♏38'52	45°55'02
	-8670 Mar 10 j 00:29	0°♐	
desc. node	-8670 Mar 12 j 09:20	2°♐29'34	
	-8670 Apr 06 j 11:00	0°♑	
	-8670 May 02 j 08:56	0°♒	
	-8670 May 27 j 08:58	0°♓	
	-8670 Jun 20 j 18:12	0°♈	
asc. node	-8670 Jul 02 j 07:57	14°♈26'04	
	-8670 Jul 14 j 17:35	0°♉	
greatest brilliancy	-8670 Jul 16 j 09:54	2°♉06'53	-3.9m
	-8670 Aug 07 j 11:38	0°♊	
morning set	-8670 Aug 16 j 02:08	10°♊53'32	
	-8670 Aug 31 j 04:32	0°♋	
	-8670 Sep 23 j 23:43	0°♌	
superior conj	-8670 Sep 26 j 18:38	3°♌30'07	0°54'45
minimum elong	-8670 Sep 27 j 06:27	4°♌07'12	0°54'50
max. Earth dist.	-8670 Oct 03 j 09:25	11°♌47'49	1.71327 AU
	-8670 Oct 17 j 23:03	0°♍	
desc. node	-8670 Oct 22 j 20:45	6°♍06'34	
evening rise	-8670 Nov 08 j 19:10	27°♍07'54	
	-8670 Nov 11 j 02:46	0°♎	
	-8670 Dec 05 j 10:21	0°♏	
	-8670 Dec 29 j 21:57	0°♐	
	-8669 Jan 23 j 15:32	0°♑	
asc. node	-8669 Feb 11 j 19:52	22°♑56'30	
	-8669 Feb 17 j 18:59	0°♒	
	-8669 Mar 15 j 14:23	0°♓	
	-8669 Apr 11 j 13:14	0°♈	
evening max el	-8669 May 05 j 12:34	24°♈39'25	46°12'44
	-8669 May 11 j 04:13	0°♉	
desc. node	-8669 Jun 04 j 15:26	19°♉12'55	
greatest brilliancy	-8669 Jun 14 j 19:49	24°♉02'12	-4.9m
retrograde	-8669 Jun 24 j 08:17	25°♉42'17	
evening set	-8669 Jul 10 j 22:30	20°♉31'44	
inferior conj	-8669 Jul 15 j 02:56	18°♉04'51	-8°03'00
minimum elong	-8669 Jul 14 j 18:32	18°♉17'23	8°01'30
min. Earth dist.	-8669 Jul 14 j 21:55	18°♉12'21	0.26674 AU
morning rise	-8669 Jul 18 j 14:27	16°♉01'46	
direct	-8669 Aug 04 j 14:09	10°♉30'56	
greatest brilliancy	-8669 Aug 15 j 04:13	12°♉37'48	-4.9m
	-8669 Sep 09 j 18:50	0°♊	
morning max el	-8669 Sep 24 j 07:28	14°♊00'06	46°43'24
asc. node	-8669 Sep 24 j 18:45	14°♊29'02	
	-8669 Oct 09 j 07:32	0°♋	
	-8669 Nov 04 j 15:41	0°♌	
	-8669 Nov 30 j 03:02	0°♍	
	-8669 Dec 25 j 08:09	0°♎	
desc. node	-8668 Jan 15 j 10:50	25°♎13'58	
	-8668 Jan 19 j 10:20	0°♏	
	-8668 Feb 13 j 08:47	0°♐	
	-8668 Mar 09 j 02:05	0°♑	
morning set	-8668 Mar 25 j 15:01	20°♑14'01	
	-8668 Apr 02 j 13:40	0°♒	
max. Earth dist.	-8668 Apr 25 j 15:49	28°♒32'26	1.72721 AU
	-8668 Apr 26 j 20:03	0°♓	
superior conj	-8668 Apr 29 j 22:41	3°♓51'44	-0°14'44
minimum elong	-8668 Apr 30 j 01:33	4°♓00'38	0°14'54
behind sun begin	-8668 Apr 29 j 17:50	3°♓36'40	
behind sun end	-8668 Apr 30 j 09:16	4°♓24'37	
asc. node	-8668 May 06 j 07:17	11°♓46'09	
	-8668 May 20 j 22:17	0°♈	
evening rise	-8668 Jun 04 j 23:24	18°♈48'40	
	-8668 Jun 13 j 21:53	0°♉	
	-8668 Jul 07 j 20:43	0°♊	
	-8668 Jul 31 j 21:04	0°♋	
	-8668 Aug 25 j 01:17	0°♌	
desc. node	-8668 Aug 26 j 21:42	2°♌17'07	
	-8668 Sep 18 j 11:56	0°♍	
	-8668 Oct 13 j 09:04	0°♎	
	-8668 Nov 08 j 02:15	0°♏	
	-8668 Dec 05 j 19:38	0°♐	
evening max el	-8668 Dec 09 j 10:18	3°♐36'11	45°30'06
asc. node	-8668 Dec 17 j 00:24	10°♐49'48	
	-8667 Jan 11 j 20:36	0°♑	
greatest brilliancy	-8667 Jan 16 j 04:51	1°♑54'51	-4.7m
retrograde	-8667 Jan 27 j 05:16	4°♑06'46	
	-8667 Feb 10 j 16:33	30°℞♐	
evening set	-8667 Feb 13 j 19:46	28°♐12'10	
inferior conj	-8667 Feb 17 j 15:59	25°♐48'29	7°57'06
minimum elong	-8667 Feb 17 j 18:58	25°♐43'45	7°56'25
min. Earth dist.	-8667 Feb 18 j 05:09	25°♐27'36	0.29587 AU
morning rise	-8667 Feb 21 j 18:07	23°♐15'32	
direct	-8667 Mar 11 j 15:23	17°♐16'10	
greatest brilliancy	-8667 Mar 21 j 22:06	19°♐10'05	-4.7m
desc. node	-8667 Apr 08 j 20:29	29°♐18'30	
	-8667 Apr 09 j 18:47	0°♑	
morning max el	-8667 Apr 29 j 21:54	17°♑30'11	46°07'26
	-8667 May 12 j 08:29	0°♒	
	-8667 Jun 08 j 15:15	0°♓	
	-8667 Jul 04 j 02:29	0°♈	
	-8667 Jul 28 j 15:21	0°♉	
asc. node	-8667 Jul 29 j 21:02	1°♉31'55	
	-8667 Aug 21 j 16:25	0°♊	
	-8667 Sep 14 j 13:00	0°♋	
	-8667 Oct 08 j 10:20	0°♌	
	-8667 Nov 01 j 11:22	0°♍	
morning set	-8667 Nov 01 j 18:41	0°♍22'41	
desc. node	-8667 Nov 19 j 10:10	22°♍15'10	
	-8667 Nov 25 j 16:38	0°♎	
superior conj	-8667 Dec 13 j 02:58	21°♎29'19	-0°49'58
minimum elong	-8667 Dec 12 j 17:20	20°♎59'42	0°49'45
max. Earth dist.	-8667 Dec 15 j 13:45	24°♎30'15	1.73146 AU
	-8667 Dec 20 j 00:55	0°♏	
	-8666 Jan 13 j 10:51	0°♐	
evening rise	-8666 Jan 20 j 08:13	8°♐27'30	
	-8666 Feb 06 j 21:58	0°♑	
greatest brilliancy	-8666 Feb 09 j 11:48	3°♑09'17	-3.9m
	-8666 Mar 03 j 11:09	0°♒	
asc. node	-8666 Mar 11 j 07:42	9°♒33'55	
	-8666 Mar 28 j 03:57	0°♓	
	-8666 Apr 22 j 02:07	0°♈	
	-8666 May 17 j 08:12	0°♉	
	-8666 Jun 12 j 04:22	0°♊	
desc. node	-8666 Jul 02 j 01:41	22°♊11'37	
	-8666 Jul 09 j 08:33	0°♋	
evening max el	-8666 Jul 18 j 07:55	9°♋16'11	47°42'06

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8666 Aug 10 j 04:01	0°♌	
greatest brilliancy	-8666 Aug 28 j 18:38	10°♌57'28	-4.9m
retrograde	-8666 Sep 07 j 06:43	12°♌41'20	
evening set	-8666 Sep 23 j 05:51	7°♌34'42	
inferior conj	-8666 Sep 27 j 22:35	4°♌42'09	-5°38'11
minimum elong	-8666 Sep 28 j 08:30	4°♌26'40	5°35'13
min. Earth dist.	-8666 Sep 27 j 12:40	4°♌57'39	0.26805 AU
morning rise	-8666 Oct 03 j 11:39	1°♌22'43	
	-8666 Oct 06 j 03:36	30°℞♋	
direct	-8666 Oct 18 j 05:21	27°♋00'14	
asc. node	-8666 Oct 22 j 05:44	27°♋19'43	
greatest brilliancy	-8666 Oct 27 j 19:33	28°♋46'42	-4.9m
	-8666 Oct 30 j 20:35	0°♌	
morning max el	-8666 Dec 06 j 22:52	29°♌00'38	46°15'34
	-8666 Dec 07 j 22:54	0°♍	
	-8665 Jan 05 j 10:30	0°♎	
	-8665 Feb 01 j 03:54	0°♏	
desc. node	-8665 Feb 11 j 23:30	12°♏25'58	
	-8665 Feb 27 j 01:40	0°♐	
	-8665 Mar 24 j 09:23	0°♑	
	-8665 Apr 18 j 05:19	0°♒	
	-8665 May 12 j 15:20	0°♓	
morning set	-8665 Jun 01 j 15:10	24°♓52'15	
asc. node	-8665 Jun 03 j 20:42	27°♓39'37	
	-8665 Jun 05 j 17:34	0°♈	
	-8665 Jun 29 j 14:26	0°♉	
max. Earth dist.	-8665 Jul 07 j 08:39	9°♉47'21	1.71002 AU
superior conj	-8665 Jul 09 j 08:05	12°♉17'05	1°10'01
minimum elong	-8665 Jul 08 j 23:05	11°♉48'41	1°10'05
	-8665 Jul 23 j 08:41	0°♊	
	-8665 Aug 16 j 03:11	0°♋	
evening rise	-8665 Aug 18 j 09:31	2°♋51'04	
	-8665 Sep 09 j 00:23	0°♌	
desc. node	-8665 Sep 24 j 09:59	19°♌13'31	
	-8665 Oct 03 j 01:57	0°♍	
	-8665 Oct 27 j 08:48	0°♎	
	-8665 Nov 20 j 22:27	0°♏	
	-8665 Dec 15 j 23:03	0°♐	
	-8664 Jan 10 j 20:23	0°♑	
asc. node	-8664 Jan 14 j 10:56	4°♑03'11	
	-8664 Feb 07 j 13:52	0°♒	
evening max el	-8664 Feb 19 j 11:33	11°♒44'12	44°58'10
	-8664 Mar 12 j 06:24	0°♓	
greatest brilliancy	-8664 Mar 28 j 09:08	8°♓41'48	-4.7m
retrograde	-8664 Apr 07 j 12:13	10°♓30'46	
evening set	-8664 Apr 22 j 13:01	6°♓18'47	
inferior conj	-8664 Apr 28 j 17:51	2°♓44'14	1°45'23
minimum elong	-8664 Apr 28 j 21:41	2°♓38'27	1°43'59
min. Earth dist.	-8664 Apr 29 j 18:40	2°♓06'40	0.28031 AU
	-8664 May 03 j 08:17	30°℞♒	
morning rise	-8664 May 05 j 05:09	28°♒57'54	
desc. node	-8664 May 06 j 07:14	28°♒23'54	
direct	-8664 May 20 j 06:32	24°♒39'37	
greatest brilliancy	-8664 May 31 j 21:30	27°♒04'34	-4.8m
	-8664 Jun 06 j 23:55	0°♓	
morning max el	-8664 Jul 09 j 10:10	26°♓36'13	46°37'14
	-8664 Jul 12 j 18:35	0°♈	
	-8664 Aug 09 j 02:53	0°♉	
asc. node	-8664 Aug 26 j 09:27	20°♉18'47	
	-8664 Sep 03 j 10:50	0°♊	
	-8664 Sep 28 j 00:01	0°♋	
	-8664 Oct 22 j 07:34	0°♌	
	-8664 Nov 15 j 16:01	0°♍	
	-8664 Dec 10 j 03:26	0°♎	
desc. node	-8664 Dec 16 j 23:38	8°♎21'53	
	-8663 Jan 03 j 16:49	0°♏	
morning set	-8663 Jan 14 j 17:02	13°♏26'52	
	-8663 Jan 28 j 06:02	0°♐	
max. Earth dist.	-8663 Feb 18 j 07:11	25°♐47'21	1.73771 AU
superior conj	-8663 Feb 20 j 14:49	28°♐38'00	-1°18'41
minimum elong	-8663 Feb 20 j 18:51	28°♐50'24	1°19'11
	-8663 Feb 21 j 17:32	0°♑	
	-8663 Mar 18 j 03:04	0°♒	
evening rise	-8663 Mar 28 j 02:15	12°♒16'32	
asc. node	-8663 Apr 07 j 20:23	25°♒32'07	
	-8663 Apr 11 j 11:15	0°♓	
	-8663 May 05 j 18:58	0°♈	
	-8663 May 30 j 03:14	0°♉	
	-8663 Jun 23 j 13:42	0°♊	
	-8663 Jul 18 j 05:25	0°♋	
desc. node	-8663 Jul 29 j 12:21	13°♋34'41	
	-8663 Aug 12 j 07:56	0°♌	
	-8663 Sep 07 j 09:05	0°♍	
evening max el	-8663 Sep 27 j 11:30	21°♍36'08	47°11'17
	-8663 Oct 05 j 22:54	0°♎	
greatest brilliancy	-8663 Nov 06 j 12:29	23°♎09'51	-4.8m
retrograde	-8663 Nov 17 j 10:08	25°♎27'04	
asc. node	-8663 Nov 18 j 16:14	25°♎25'06	
evening set	-8663 Dec 02 j 16:31	20°♎43'12	
min. Earth dist.	-8663 Dec 07 j 18:18	17°♎34'56	0.28506 AU
inferior conj	-8663 Dec 08 j 14:03	17°♎03'05	4°27'27
minimum elong	-8663 Dec 08 j 06:10	17°♎15'49	4°25'25
morning rise	-8663 Dec 13 j 20:30	13°♎45'48	
direct	-8663 Dec 29 j 16:24	8°♎48'06	
greatest brilliancy	-8662 Jan 07 j 13:40	10°♎15'28	-4.7m
	-8662 Feb 07 j 01:31	0°♏	
morning max el	-8662 Feb 16 j 09:02	8°♏28'50	45°55'19
	-8662 Mar 09 j 17:54	0°♐	
desc. node	-8662 Mar 11 j 11:32	1°♐50'13	
	-8662 Apr 06 j 01:10	0°♑	
	-8662 May 01 j 21:40	0°♒	
	-8662 May 26 j 20:59	0°♓	
	-8662 Jun 20 j 05:50	0°♈	
asc. node	-8662 Jul 01 j 10:05	13°♈56'36	
	-8662 Jul 14 j 05:04	0°♉	
greatest brilliancy	-8662 Jul 16 j 18:54	3°♉14'42	-3.9m
	-8662 Aug 06 j 23:03	0°♊	
morning set	-8662 Aug 13 j 13:01	8°♊19'53	
	-8662 Aug 30 j 15:58	0°♋	
	-8662 Sep 23 j 11:10	0°♌	
superior conj	-8662 Sep 24 j 02:51	0°♌49'15	0°57'44
minimum elong	-8662 Sep 24 j 14:47	1°♌26'43	0°57'49
max. Earth dist.	-8662 Sep 30 j 13:23	8°♌54'05	1.71273 AU
	-8662 Oct 17 j 10:30	0°♍	
desc. node	-8662 Oct 21 j 22:58	5°♍37'52	
evening rise	-8662 Nov 06 j 05:11	24°♍34'55	
	-8662 Nov 10 j 14:12	0°♎	
	-8662 Dec 04 j 21:48	0°♏	
	-8662 Dec 29 j 09:34	0°♐	
	-8661 Jan 23 j 03:33	0°♑	
asc. node	-8661 Feb 10 j 22:02	22°♑25'38	
	-8661 Feb 17 j 07:48	0°♒	
	-8661 Mar 15 j 04:46	0°♓	
	-8661 Apr 11 j 06:55	0°♈	
evening max el	-8661 May 03 j 02:38	22°♈19'18	46°09'17
	-8661 May 11 j 08:04	0°♉	
desc. node	-8661 Jun 03 j 17:36	17°♉40'59	
greatest brilliancy	-8661 Jun 12 j 05:53	21°♉32'42	-4.8m
retrograde	-8661 Jun 21 j 20:49	23°♉14'19	
evening set	-8661 Jul 08 j 06:16	18°♉09'53	
inferior conj	-8661 Jul 12 j 15:00	15°♉36'58	-7°51'51

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

minimum elong	-8661 Jul 12 j 06:04	15°♉50'16	7°50'12	
min. Earth dist.	-8661 Jul 12 j 09:52	15°♉44'36	0.26692 AU	
morning rise	-8661 Jul 16 j 05:48	13°♉29'26		
direct	-8661 Aug 02 j 03:32	8°♉02'53		
greatest brilliancy	-8661 Aug 12 j 17:12	10°♉09'40	-4.9m	
	-8661 Sep 10 j 01:18	0°♊		
morning max el	-8661 Sep 21 j 21:22	11°♊33'52	46°43'43	
asc. node	-8661 Sep 23 j 21:09	13°♊36'54		
	-8661 Oct 09 j 02:09	0°♋		
	-8661 Nov 04 j 06:53	0°♌		
	-8661 Nov 29 j 16:36	0°♍		
	-8661 Dec 24 j 20:43	0°♎		
desc. node	-8660 Jan 14 j 12:53	24°♎44'13		
	-8660 Jan 18 j 22:14	0°♏		
	-8660 Feb 12 j 20:14	0°♐		
	-8660 Mar 08 j 13:15	0°♑		
morning set	-8660 Mar 23 j 10:23	18°♑12'15		
	-8660 Apr 02 j 00:43	0°♒		
max. Earth dist.	-8660 Apr 23 j 10:29	26°♒27'19	1.72774 AU	
	-8660 Apr 26 j 07:04	0°♓		
superior conj	-8660 Apr 27 j 17:35	1°♓47'09	-0°17'42	
minimum elong	-8660 Apr 27 j 20:59	1°♓57'42	0°17'52	
asc. node	-8660 May 05 j 09:28	11°♓18'36		
	-8660 May 20 j 09:23	0°♈		
evening rise	-8660 Jun 02 j 16:45	16°♈37'44		
	-8660 Jun 13 j 09:08	0°♉		
	-8660 Jul 07 j 08:12	0°♊		
	-8660 Jul 31 j 08:50	0°♋		
	-8660 Aug 24 j 13:24	0°♌		
desc. node	-8660 Aug 25 j 23:55	1°♌46'29		
	-8660 Sep 18 j 00:34	0°♍		
	-8660 Oct 12 j 22:38	0°♎		
	-8660 Nov 07 j 17:43	0°♏		
	-8660 Dec 05 j 16:29	0°♐		
evening max el	-8660 Dec 07 j 02:42	1°♐24'50	45°32'49	
asc. node	-8660 Dec 16 j 02:36	9°♐56'25		
greatest brilliancy	-8659 Jan 13 j 21:55	29°♐48'17	-4.7m	
	-8659 Jan 14 j 10:29	0°♑		
retrograde	-8659 Jan 24 j 22:24	2°♑00'16		
	-8659 Feb 03 j 22:36	30°℞♐		
evening set	-8659 Feb 11 j 13:30	26°♐04'45		
inferior conj	-8659 Feb 15 j 09:13	23°♐41'22	8°00'02	
minimum elong	-8659 Feb 15 j 11:34	23°♐37'36	7°59'24	
min. Earth dist.	-8659 Feb 15 j 20:53	23°♐22'48	0.29597 AU	
morning rise	-8659 Feb 19 j 09:37	21°♐10'38		
direct	-8659 Mar 09 j 08:47	15°♐09'08		
greatest brilliancy	-8659 Mar 19 j 12:43	17°♐00'35	-4.7m	
desc. node	-8659 Apr 07 j 22:46	28°♐13'17		
	-8659 Apr 10 j 05:59	0°♑		
morning max el	-8659 Apr 27 j 13:43	15°♑19'05	46°06'28	
	-8659 May 12 j 02:52	0°♒		
	-8659 Jun 08 j 05:51	0°♓		
	-8659 Jul 03 j 15:32	0°♈		
	-8659 Jul 28 j 03:37	0°♉		
asc. node	-8659 Jul 28 j 23:10	1°♉00'34		
	-8659 Aug 21 j 04:15	0°♊		
	-8659 Sep 14 j 00:34	0°♋		
	-8659 Oct 07 j 21:43	0°♌		
morning set	-8659 Oct 30 j 05:19	27°♌51'37		
	-8659 Oct 31 j 22:37	0°♍		
desc. node	-8659 Nov 18 j 12:12	21°♍46'53		
	-8659 Nov 25 j 03:46	0°♎		
superior conj	-8659 Dec 10 j 16:14	19°♎08'15	-0°47'10	
minimum elong	-8659 Dec 10 j 06:49	18°♎39'15	0°46'56	
max. Earth dist.	-8659 Dec 13 j 10:07	22°♎31'07	1.73099 AU	
	-8659 Dec 19 j 11:59	0°♏		
	-8658 Jan 12 j 21:53	0°♐		
evening rise	-8658 Jan 18 j 01:15	6°♐18'37		
	-8658 Feb 06 j 09:04	0°♑		
greatest brilliancy	-8658 Feb 08 j 20:15	3°♑01'07	-3.9m	
	-8658 Mar 02 j 22:29	0°♒		
asc. node	-8658 Mar 10 j 10:00	9°♒06'04		
	-8658 Mar 27 j 15:45	0°♓		
	-8658 Apr 21 j 14:42	0°♈		
	-8658 May 16 j 22:02	0°♉		
	-8658 Jun 11 j 20:22	0°♊		
desc. node	-8658 Jul 01 j 03:50	21°♊26'04		
	-8658 Jul 09 j 05:23	0°♋		
evening max el	-8658 Jul 15 j 21:55	6°♋51'42	47°40'37	
	-8658 Aug 10 j 23:59	0°♌		
greatest brilliancy	-8658 Aug 26 j 09:34	8°♌31'24	-4.9m	
retrograde	-8658 Sep 04 j 19:41	10°♌13'25		
evening set	-8658 Sep 20 j 22:19	5°♌03'22		
inferior conj	-8658 Sep 25 j 11:54	2°♌15'35	-5°56'11	
minimum elong	-8658 Sep 25 j 22:01	1°♌59'47	5°53'16	
min. Earth dist.	-8658 Sep 25 j 02:40	2°♌30'01	0.26773 AU	
	-8658 Sep 29 j 04:20	30°℞♋		
morning rise	-8658 Sep 30 j 22:08	28°♋59'58		
direct	-8658 Oct 15 j 18:05	24°♋34'38		
asc. node	-8658 Oct 21 j 07:54	25°♋11'37		
greatest brilliancy	-8658 Oct 25 j 09:35	26°♋21'53	-4.9m	
	-8658 Nov 02 j 03:50	0°♌		
morning max el	-8658 Dec 04 j 11:43	26°♌37'09	46°16'32	
	-8658 Dec 07 j 21:06	0°♍		
	-8657 Jan 05 j 02:32	0°♎		
	-8657 Jan 31 j 17:33	0°♏		
desc. node	-8657 Feb 11 j 01:42	11°♏54'41		
	-8657 Feb 26 j 14:04	0°♐		
	-8657 Mar 23 j 21:05	0°♑		
	-8657 Apr 17 j 16:35	0°♒		
	-8657 May 12 j 02:23	0°♓		
morning set	-8657 May 30 j 07:54	22°♓40'13		
asc. node	-8657 Jun 02 j 22:45	27°♓11'37		
	-8657 Jun 05 j 04:34	0°♈		
	-8657 Jun 29 j 01:29	0°♉		
max. Earth dist.	-8657 Jul 04 j 17:05	7°♉07'38	1.71048 AU	
superior conj	-8657 Jul 06 j 21:55	9°♉54'22	1°08'02	
minimum elong	-8657 Jul 06 j 12:40	9°♉25'11	1°08'04	
	-8657 Jul 22 j 19:49	0°♊		
evening rise	-8657 Aug 15 j 18:47	0°♋13'47		
	-8657 Aug 15 j 14:24	0°♋		
	-8657 Sep 08 j 11:43	0°♌		
desc. node	-8657 Sep 23 j 12:12	18°♌44'56		
	-8657 Oct 02 j 13:24	0°♍		
	-8657 Oct 26 j 20:26	0°♎		
	-8657 Nov 20 j 10:26	0°♏		
	-8657 Dec 15 j 11:49	0°♐		
	-8656 Jan 10 j 10:54	0°♑		
asc. node	-8656 Jan 13 j 13:04	3°♑27'39		
	-8656 Feb 07 j 09:01	0°♒		
evening max el	-8656 Feb 17 j 01:28	9°♒29'21	44°57'25	
	-8656 Mar 13 j 04:02	0°♓		
greatest brilliancy	-8656 Mar 25 j 22:46	6°♓27'43	-4.7m	
retrograde	-8656 Apr 05 j 02:39	8°♓17'36		
evening set	-8656 Apr 20 j 05:06	4°♓02'28		
inferior conj	-8656 Apr 26 j 08:27	0°♓29'53	2°05'26	
minimum elong	-8656 Apr 26 j 12:57	0°♓23'05	2°03'49	
	-8656 Apr 27 j 04:12	30°℞♒		
min. Earth dist.	-8656 Apr 27 j 10:09	29°♒50'59	0.28103 AU	
morning rise	-8656 May 02 j 19:36	26°♒43'42		
desc. node	-8656 May 05 j 09:22	25°♒25'58		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

direct	-8656 May 17 j 21:34	22°♒23'41		
greatest brilliancy	-8656 May 29 j 13:35	24°♒49'39	-4.8m	
	-8656 Jun 08 j 10:19	0°♓		
morning max el	-8656 Jul 07 j 01:02	24°♓17'01	46°36'26	
	-8656 Jul 12 j 15:31	0°♈		
	-8656 Aug 08 j 18:35	0°♉		
asc. node	-8656 Aug 25 j 11:46	19°♉43'18		
	-8656 Sep 03 j 00:32	0°♊		
	-8656 Sep 27 j 12:41	0°♋		
	-8656 Oct 21 j 19:36	0°♌		
	-8656 Nov 15 j 03:38	0°♍		
	-8656 Dec 09 j 14:42	0°♎		
desc. node	-8656 Dec 16 j 01:44	7°♎54'09		
	-8655 Jan 03 j 03:48	0°♏		
morning set	-8655 Jan 12 j 08:58	11°♏15'34		
	-8655 Jan 27 j 16:50	0°♐		
max. Earth dist.	-8655 Feb 16 j 04:32	23°♐52'42	1.73783 AU	
superior conj	-8655 Feb 18 j 09:49	26°♐36'08	-1°19'23	
minimum elong	-8655 Feb 18 j 13:21	26°♐46'57	1°19'55	
	-8655 Feb 21 j 04:16	0°♑		
	-8655 Mar 17 j 13:51	0°♒		
evening rise	-8655 Mar 25 j 21:59	10°♒16'07		
asc. node	-8655 Apr 06 j 22:30	25°♒04'56		
	-8655 Apr 10 j 22:13	0°♓		
	-8655 May 05 j 06:14	0°♈		
	-8655 May 29 j 14:55	0°♉		
	-8655 Jun 23 j 01:57	0°♊		
	-8655 Jul 17 j 18:31	0°♋		
desc. node	-8655 Jul 28 j 14:37	13°♋00'45		
	-8655 Aug 11 j 22:24	0°♌		
	-8655 Sep 07 j 02:18	0°♍		
evening max el	-8655 Sep 25 j 03:17	19°♍18'47	47°14'25	
	-8655 Oct 06 j 00:44	0°♎		
greatest brilliancy	-8655 Nov 04 j 05:40	20°♎56'05	-4.9m	
retrograde	-8655 Nov 15 j 03:23	23°♎13'35		
asc. node	-8655 Nov 17 j 18:27	23°♎04'51		
evening set	-8655 Nov 30 j 07:31	18°♎31'44		
min. Earth dist.	-8655 Dec 05 j 10:11	15°♎22'29	0.28435 AU	
inferior conj	-8655 Dec 06 j 06:28	14°♎49'51	4°10'56	
minimum elong	-8655 Dec 05 j 22:52	15°♎02'04	4°08'57	
morning rise	-8655 Dec 11 j 14:59	11°♎30'02		
direct	-8655 Dec 27 j 07:54	6°♎35'54		
greatest brilliancy	-8654 Jan 05 j 04:58	8°♎03'36	-4.7m	
	-8654 Feb 07 j 04:07	0°♏		
morning max el	-8654 Feb 14 j 01:35	6°♏21'08	45°55'34	
	-8654 Mar 09 j 10:32	0°♐		
desc. node	-8654 Mar 10 j 13:48	1°♐12'35		
	-8654 Apr 05 j 14:51	0°♑		
	-8654 May 01 j 10:04	0°♒		
	-8654 May 26 j 08:44	0°♓		
	-8654 Jun 19 j 17:15	0°♈		
asc. node	-8654 Jun 30 j 12:15	13°♈28'01		
	-8654 Jul 13 j 16:17	0°♉		
greatest brilliancy	-8654 Jul 17 j 01:04	4°♉14'26	-3.9m	
	-8654 Aug 06 j 10:11	0°♊		
morning set	-8654 Aug 10 j 23:55	5°♊47'14		
	-8654 Aug 30 j 03:06	0°♋		
superior conj	-8654 Sep 21 j 11:05	28°♋09'19	1°00'34	
minimum elong	-8654 Sep 21 j 23:00	28°♋46'46	1°00'42	
	-8654 Sep 22 j 22:18	0°♌		
max. Earth dist.	-8654 Sep 27 j 20:32	6°♌11'08	1.71220 AU	
	-8654 Oct 16 j 21:38	0°♍		
desc. node	-8654 Oct 21 j 00:58	5°♍09'27		
evening rise	-8654 Nov 03 j 15:06	22°♍02'30		
	-8654 Nov 10 j 01:18	0°♎		
	-8654 Dec 04 j 08:57	0°♏		
	-8654 Dec 28 j 20:53	0°♐		
	-8653 Jan 22 j 15:16	0°♑		
asc. node	-8653 Feb 10 j 00:23	21°♑56'20		
	-8653 Feb 16 j 20:21	0°♒		
	-8653 Mar 14 j 18:58	0°♓		
	-8653 Apr 11 j 00:43	0°♈		
evening max el	-8653 Apr 30 j 16:47	20°♈00'00	46°05'33	
	-8653 May 11 j 13:35	0°♉		
desc. node	-8653 Jun 02 j 19:47	16°♉05'37		
greatest brilliancy	-8653 Jun 09 j 16:13	19°♉03'34	-4.8m	
retrograde	-8653 Jun 19 j 08:49	20°♉45'49		
evening set	-8653 Jul 05 j 13:46	15°♉47'56		
inferior conj	-8653 Jul 10 j 02:47	13°♉08'50	-7°39'39	
minimum elong	-8653 Jul 09 j 17:22	13°♉22'52	7°37'52	
min. Earth dist.	-8653 Jul 09 j 21:52	13°♉16'10	0.26709 AU	
morning rise	-8653 Jul 13 j 20:56	10°♉56'31		
direct	-8653 Jul 30 j 16:35	5°♉34'39		
greatest brilliancy	-8653 Aug 10 j 05:54	7°♉41'03	-4.9m	
	-8653 Sep 10 j 05:40	0°♊		
morning max el	-8653 Sep 19 j 10:13	9°♊05'23	46°44'09	
asc. node	-8653 Sep 22 j 23:20	12°♊45'41		
	-8653 Oct 08 j 20:08	0°♋		
	-8653 Nov 03 j 21:37	0°♌		
	-8653 Nov 29 j 05:46	0°♍		
	-8653 Dec 24 j 08:57	0°♎		
desc. node	-8652 Jan 13 j 15:02	24°♎15'33		
	-8652 Jan 18 j 09:50	0°♏		
	-8652 Feb 12 j 07:25	0°♐		
	-8652 Mar 08 j 00:10	0°♑		
morning set	-8652 Mar 21 j 05:56	16°♑11'55		
	-8652 Apr 01 j 11:29	0°♒		
max. Earth dist.	-8652 Apr 21 j 04:54	24°♒22'18	1.72831 AU	
superior conj	-8652 Apr 25 j 12:42	29°♒44'04	-0°20'37	
minimum elong	-8652 Apr 25 j 16:36	29°♒56'10	0°20'46	
	-8652 Apr 25 j 17:50	0°♓		
asc. node	-8652 May 04 j 11:33	10°♓51'23		
	-8652 May 19 j 20:17	0°♈		
evening rise	-8652 May 31 j 10:11	14°♈27'43		
	-8652 Jun 12 j 20:16	0°♉		
	-8652 Jul 06 j 19:37	0°♊		
	-8652 Jul 30 j 20:33	0°♋		
	-8652 Aug 24 j 01:28	0°♌		
desc. node	-8652 Aug 25 j 02:08	1°♌16'01		
	-8652 Sep 17 j 13:10	0°♍		
	-8652 Oct 12 j 12:09	0°♎		
	-8652 Nov 07 j 09:13	0°♏		
evening max el	-8652 Dec 04 j 18:18	29°♏11'55	45°35'39	
	-8652 Dec 05 j 13:49	0°♐		
asc. node	-8652 Dec 15 j 04:51	9°♐02'45		
greatest brilliancy	-8651 Jan 11 j 15:39	27°♐43'07	-4.7m	
retrograde	-8651 Jan 22 j 15:24	29°♐54'48		
evening set	-8651 Feb 09 j 07:12	23°♐58'41		
inferior conj	-8651 Feb 13 j 02:39	21°♐35'21	8°02'16	
minimum elong	-8651 Feb 13 j 04:22	21°♐32'37	8°01'41	
min. Earth dist.	-8651 Feb 13 j 13:07	21°♐18'40	0.29602 AU	
morning rise	-8651 Feb 17 j 01:31	19°♐06'33		
direct	-8651 Mar 07 j 01:50	13°♐03'08		
greatest brilliancy	-8651 Mar 17 j 03:58	14°♐52'37	-4.7m	
desc. node	-8651 Apr 07 j 00:47	27°♐09'58		
	-8651 Apr 10 j 13:56	0°♑		
morning max el	-8651 Apr 25 j 05:00	13°♑07'20	46°05'35	
	-8651 May 11 j 20:35	0°♒		
	-8651 Jun 07 j 20:08	0°♓		
	-8651 Jul 03 j 04:23	0°♈		
	-8651 Jul 27 j 15:48	0°♉		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

asc. node	-8651 Jul 28 j 01:25	0°♉29'52		
	-8651 Aug 20 j 16:05	0°♊		
	-8651 Sep 13 j 12:10	0°♋		
	-8651 Oct 07 j 09:09	0°♌		
morning set	-8651 Oct 27 j 15:32	25°♌19'00		
	-8651 Oct 31 j 09:53	0°♍		
desc. node	-8651 Nov 17 j 14:19	21°♍18'52		
	-8651 Nov 24 j 14:53	0°♎		
superior conj	-8651 Dec 08 j 05:14	16°♎46'25	-0°44'17	
minimum elong	-8651 Dec 07 j 20:05	16°♎18'14	0°44'01	
max. Earth dist.	-8651 Dec 11 j 05:45	20°♎29'46	1.73045 AU	
	-8651 Dec 18 j 23:01	0°♏		
	-8650 Jan 12 j 08:52	0°♐		
evening rise	-8650 Jan 15 j 18:14	4°♐09'41		
	-8650 Feb 05 j 20:08	0°♑		
greatest brilliancy	-8650 Feb 09 j 02:38	4°♑00'06	-3.9m	
	-8650 Mar 02 j 09:48	0°♒		
asc. node	-8650 Mar 09 j 12:08	8°♒37'49		
	-8650 Mar 27 j 03:33	0°♓		
	-8650 Apr 21 j 03:17	0°♈		
	-8650 May 16 j 11:55	0°♉		
	-8650 Jun 11 j 12:34	0°♊		
desc. node	-8650 Jun 30 j 06:06	20°♊40'16		
	-8650 Jul 09 j 02:58	0°♋		
evening max el	-8650 Jul 13 j 10:41	4°♋23'59	47°38'44	
	-8650 Aug 12 j 03:26	0°♌		
greatest brilliancy	-8650 Aug 24 j 00:22	6°♌04'04	-4.9m	
retrograde	-8650 Sep 02 j 08:09	7°♌44'19		
evening set	-8650 Sep 18 j 14:32	2°♌30'25		
min. Earth dist.	-8650 Sep 22 j 16:34	0°♌00'44	0.26747 AU	
	-8650 Sep 22 j 17:02	30°℞♋		
inferior conj	-8650 Sep 23 j 00:57	29°♋47'39	-6°13'37	
minimum elong	-8650 Sep 23 j 11:11	29°♋31'41	6°10'46	
morning rise	-8650 Sep 28 j 08:09	26°♋36'19		
direct	-8650 Oct 13 j 06:18	22°♋07'19		
asc. node	-8650 Oct 20 j 10:04	23°♋07'22		
greatest brilliancy	-8650 Oct 22 j 23:50	23°♋56'04	-4.9m	
	-8650 Nov 03 j 16:19	0°♌		
morning max el	-8650 Dec 02 j 00:41	24°♌12'53	46°17'44	
	-8650 Dec 07 j 18:46	0°♍		
	-8649 Jan 04 j 18:29	0°♎		
	-8649 Jan 31 j 07:10	0°♏		
desc. node	-8649 Feb 10 j 03:54	11°♏23'16		
	-8649 Feb 26 j 02:29	0°♐		
	-8649 Mar 23 j 08:47	0°♑		
	-8649 Apr 17 j 03:54	0°♒		
	-8649 May 11 j 13:31	0°♓		
morning set	-8649 May 28 j 01:14	20°♓29'53		
asc. node	-8649 Jun 02 j 00:58	26°♓43'54		
	-8649 Jun 04 j 15:38	0°♈		
	-8649 Jun 28 j 12:36	0°♉		
max. Earth dist.	-8649 Jul 02 j 04:51	4°♉38'14	1.71095 AU	
superior conj	-8649 Jul 04 j 12:22	7°♉33'21	1°05'57	
minimum elong	-8649 Jul 04 j 02:58	7°♉03'41	1°05'58	
	-8649 Jul 22 j 07:01	0°♊		
evening rise	-8649 Aug 13 j 04:41	27°♊38'08		
	-8649 Aug 15 j 01:44	0°♋		
	-8649 Sep 07 j 23:12	0°♌		
desc. node	-8649 Sep 22 j 14:14	18°♌15'07		
	-8649 Oct 02 j 01:04	0°♍		
	-8649 Oct 26 j 08:20	0°♎		
	-8649 Nov 19 j 22:44	0°♏		
	-8649 Dec 15 j 00:55	0°♐		
	-8648 Jan 10 j 01:50	0°♑		
asc. node	-8648 Jan 12 j 15:26	2°♑51'49		
	-8648 Feb 07 j 04:58	0°♒		
evening max el	-8648 Feb 14 j 16:16	7°♒16'16	44°56'58	
	-8648 Mar 14 j 10:00	0°♓		
greatest brilliancy	-8648 Mar 23 j 12:11	4°♓13'34	-4.7m	
retrograde	-8648 Apr 02 j 17:40	6°♓04'42		
evening set	-8648 Apr 17 j 21:35	1°♓46'22		
	-8648 Apr 21 j 01:30	30°℞♒		
inferior conj	-8648 Apr 23 j 23:15	28°♒15'43	2°25'00	
minimum elong	-8648 Apr 24 j 04:23	28°♒07'56	2°23'13	
min. Earth dist.	-8648 Apr 25 j 01:28	27°♒36'03	0.28174 AU	
morning rise	-8648 Apr 30 j 10:05	24°♒29'57		
desc. node	-8648 May 04 j 11:36	22°♒32'10		
direct	-8648 May 15 j 13:15	20°♒08'00		
greatest brilliancy	-8648 May 27 j 05:13	22°♒34'14	-4.8m	
	-8648 Jun 09 j 11:03	0°♓		
morning max el	-8648 Jul 04 j 17:04	22°♓00'37	46°35'40	
	-8648 Jul 12 j 11:56	0°♈		
	-8648 Aug 08 j 10:13	0°♉		
asc. node	-8648 Aug 24 j 13:54	19°♉07'01		
	-8648 Sep 02 j 14:16	0°♊		
	-8648 Sep 27 j 01:28	0°♋		
	-8648 Oct 21 j 07:50	0°♌		
	-8648 Nov 14 j 15:29	0°♍		
	-8648 Dec 09 j 02:16	0°♎		
desc. node	-8648 Dec 15 j 03:54	7°♎25'39		
	-8647 Jan 02 j 15:06	0°♏		
morning set	-8647 Jan 10 j 00:25	9°♏01'48		
	-8647 Jan 27 j 03:55	0°♐		
max. Earth dist.	-8647 Feb 14 j 03:16	22°♐01'22	1.73789 AU	
superior conj	-8647 Feb 16 j 04:29	24°♐32'21	-1°20'00	
minimum elong	-8647 Feb 16 j 07:28	24°♐41'31	1°20'31	
	-8647 Feb 20 j 15:16	0°♑		
	-8647 Mar 17 j 00:54	0°♒		
evening rise	-8647 Mar 23 j 17:39	8°♒14'46		
asc. node	-8647 Apr 06 j 00:35	24°♒36'54		
	-8647 Apr 10 j 09:28	0°♓		
	-8647 May 04 j 17:48	0°♈		
	-8647 May 29 j 02:55	0°♉		
	-8647 Jun 22 j 14:33	0°♊		
	-8647 Jul 17 j 07:58	0°♋		
desc. node	-8647 Jul 27 j 16:51	12°♋25'51		
	-8647 Aug 11 j 13:15	0°♌		
	-8647 Sep 06 j 20:04	0°♍		
evening max el	-8647 Sep 22 j 19:56	17°♍03'00	47°17'21	
	-8647 Oct 06 j 04:19	0°♎		
greatest brilliancy	-8647 Nov 01 j 22:37	18°♎41'04	-4.9m	
retrograde	-8647 Nov 12 j 20:45	20°♎58'41		
asc. node	-8647 Nov 16 j 20:44	20°♎38'18		
evening set	-8647 Nov 27 j 22:37	16°♎18'53		
min. Earth dist.	-8647 Dec 03 j 01:52	13°♎08'50	0.28366 AU	
inferior conj	-8647 Dec 03 j 22:46	12°♎35'13	3°53'56	
minimum elong	-8647 Dec 03 j 15:32	12°♎46'51	3°52'00	
morning rise	-8647 Dec 09 j 09:21	9°♎12'53		
direct	-8647 Dec 24 j 23:46	4°♎22'27		
greatest brilliancy	-8646 Jan 02 j 19:53	5°♎49'54	-4.8m	
	-8646 Feb 07 j 05:50	0°♏		
morning max el	-8646 Feb 11 j 18:17	4°♏12'33	45°55'45	
	-8646 Mar 09 j 03:17	0°♐		
desc. node	-8646 Mar 09 j 15:48	0°♐33'30		
	-8646 Apr 05 j 04:46	0°♑		
	-8646 Apr 30 j 22:42	0°♒		
	-8646 May 25 j 20:43	0°♓		
	-8646 Jun 19 j 04:53	0°♈		
asc. node	-8646 Jun 29 j 14:25	12°♈58'36		
	-8646 Jul 13 j 03:46	0°♉		
greatest brilliancy	-8646 Jul 17 j 02:46	4°♉59'17	-3.9m	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8646 Aug 05 j 21:37	0°♊	
morning set	-8646 Aug 08 j 11:10	3°♊14'47	
	-8646 Aug 29 j 14:31	0°♋	
superior conj	-8646 Sep 18 j 19:43	25°♋29'45	1°03'14
minimum elong	-8646 Sep 19 j 07:31	26°♋06'51	1°03'24
	-8646 Sep 22 j 09:42	0°♌	
max. Earth dist.	-8646 Sep 25 j 05:35	3°♌33'08	1.71164 AU
	-8646 Oct 16 j 09:00	0°♍	
desc. node	-8646 Oct 20 j 03:08	4°♍40'46	
evening rise	-8646 Nov 01 j 01:04	19°♍29'21	
	-8646 Nov 09 j 12:40	0°♎	
	-8646 Dec 03 j 20:23	0°♏	
	-8646 Dec 28 j 08:31	0°♐	
	-8645 Jan 22 j 03:21	0°♑	
asc. node	-8645 Feb 09 j 02:30	21°♑25'09	
	-8645 Feb 16 j 09:19	0°♒	
	-8645 Mar 14 j 09:40	0°♓	
	-8645 Apr 10 j 19:18	0°♈	
evening max el	-8645 Apr 28 j 06:38	17°♈39'19	46°01'56
	-8645 May 11 j 21:38	0°♉	
desc. node	-8645 Jun 01 j 22:03	14°♉26'11	
greatest brilliancy	-8645 Jun 07 j 03:20	16°♉35'00	-4.8m
retrograde	-8645 Jun 16 j 20:19	18°♉17'06	
evening set	-8645 Jul 02 j 21:31	13°♉25'42	
inferior conj	-8645 Jul 07 j 14:44	10°♉40'37	-7°26'44
minimum elong	-8645 Jul 07 j 04:56	10°♉55'16	7°24'45
min. Earth dist.	-8645 Jul 07 j 10:27	10°♉47'01	0.26729 AU
morning rise	-8645 Jul 11 j 12:15	8°♉23'19	
direct	-8645 Jul 28 j 05:23	3°♉06'09	
greatest brilliancy	-8645 Aug 07 j 19:17	5°♉12'35	-4.9m
	-8645 Sep 10 j 08:44	0°♊	
morning max el	-8645 Sep 16 j 22:20	6°♊34'03	46°44'36
asc. node	-8645 Sep 22 j 01:26	11°♊54'14	
	-8645 Oct 08 j 14:01	0°♋	
	-8645 Nov 03 j 12:28	0°♌	
	-8645 Nov 28 j 19:06	0°♍	
	-8645 Dec 23 j 21:21	0°♎	
desc. node	-8644 Jan 12 j 17:11	23°♎46'11	
	-8644 Jan 17 j 21:39	0°♏	
	-8644 Feb 11 j 18:51	0°♐	
	-8644 Mar 07 j 11:22	0°♑	
morning set	-8644 Mar 19 j 01:21	14°♑10'15	
	-8644 Mar 31 j 22:34	0°♒	
max. Earth dist.	-8644 Apr 18 j 22:53	22°♒15'05	1.72886 AU
superior conj	-8644 Apr 23 j 07:49	27°♒40'11	-0°23'30
minimum elong	-8644 Apr 23 j 12:12	27°♒53'48	0°23'40
	-8644 Apr 25 j 04:54	0°♓	
asc. node	-8644 May 03 j 13:46	10°♓23'46	
	-8644 May 19 j 07:27	0°♈	
evening rise	-8644 May 29 j 03:44	12°♈17'26	
	-8644 Jun 12 j 07:38	0°♉	
	-8644 Jul 06 j 07:16	0°♊	
	-8644 Jul 30 j 08:31	0°♋	
	-8644 Aug 23 j 13:50	0°♌	
desc. node	-8644 Aug 24 j 04:10	0°♌44'11	
	-8644 Sep 17 j 02:05	0°♍	
	-8644 Oct 12 j 02:02	0°♎	
	-8644 Nov 07 j 01:11	0°♏	
evening max el	-8644 Dec 02 j 09:11	26°♏56'32	45°38'36
	-8644 Dec 05 j 12:13	0°♐	
asc. node	-8644 Dec 14 j 07:09	8°♐07'33	
greatest brilliancy	-8643 Jan 09 j 09:10	25°♐37'08	-4.7m
retrograde	-8643 Jan 20 j 08:26	27°♐49'04	
evening set	-8643 Feb 07 j 00:41	21°♐52'28	
inferior conj	-8643 Feb 10 j 20:11	19°♐28'57	8°03'54
minimum elong	-8643 Feb 10 j 21:13	19°♐27'17	8°03'21
min. Earth dist.	-8643 Feb 11 j 05:38	19°♐13'51	0.29609 AU
morning rise	-8643 Feb 14 j 17:42	17°♐01'52	
direct	-8643 Mar 04 j 18:34	10°♐56'35	
greatest brilliancy	-8643 Mar 14 j 19:55	12°♐44'55	-4.7m
desc. node	-8643 Apr 06 j 03:04	26°♐08'00	
	-8643 Apr 10 j 19:55	0°♑	
morning max el	-8643 Apr 22 j 20:25	10°♑55'12	46°04'44
	-8643 May 11 j 14:12	0°♒	
	-8643 Jun 07 j 10:31	0°♓	
	-8643 Jul 02 j 17:23	0°♈	
asc. node	-8643 Jul 27 j 03:33	29°♈58'15	
	-8643 Jul 27 j 04:06	0°♉	
	-8643 Aug 20 j 04:01	0°♊	
	-8643 Sep 12 j 23:53	0°♋	
	-8643 Oct 06 j 20:42	0°♌	
morning set	-8643 Oct 25 j 01:33	22°♌45'02	
	-8643 Oct 30 j 21:18	0°♍	
desc. node	-8643 Nov 16 j 16:30	20°♍50'32	
	-8643 Nov 24 j 02:11	0°♎	
superior conj	-8643 Dec 05 j 18:05	14°♎23'33	-0°41'17
minimum elong	-8643 Dec 05 j 09:16	13°♎56'22	0°41'00
max. Earth dist.	-8643 Dec 08 j 23:05	18°♎20'45	1.72987 AU
	-8643 Dec 18 j 10:12	0°♏	
	-8642 Jan 11 j 20:00	0°♐	
evening rise	-8642 Jan 13 j 11:08	2°♐00'07	
	-8642 Feb 05 j 07:20	0°♑	
greatest brilliancy	-8642 Feb 10 j 07:57	6°♑08'48	-3.9m
	-8642 Mar 01 j 21:15	0°♒	
asc. node	-8642 Mar 08 j 14:17	8°♒09'12	
	-8642 Mar 26 j 15:32	0°♓	
	-8642 Apr 20 j 16:08	0°♈	
	-8642 May 16 j 02:07	0°♉	
	-8642 Jun 11 j 05:12	0°♊	
desc. node	-8642 Jun 29 j 08:18	19°♊53'09	
	-8642 Jul 09 j 01:29	0°♋	
evening max el	-8642 Jul 10 j 23:08	1°♋55'13	47°36'57
	-8642 Aug 13 j 18:22	0°♌	
greatest brilliancy	-8642 Aug 21 j 14:47	3°♌36'02	-4.9m
retrograde	-8642 Aug 30 j 20:56	5°♌15'10	
evening set	-8642 Sep 16 j 06:45	29°♋56'57	
	-8642 Sep 16 j 04:39	30°℞♋	
inferior conj	-8642 Sep 20 j 13:58	27°♋19'24	-6°30'26
minimum elong	-8642 Sep 21 j 00:15	27°♋03'24	6°27'39
min. Earth dist.	-8642 Sep 20 j 06:15	27°♋31'25	0.26725 AU
morning rise	-8642 Sep 25 j 18:00	24°♋12'50	
direct	-8642 Oct 10 j 18:28	19°♋39'30	
asc. node	-8642 Oct 19 j 12:28	21°♋08'05	
greatest brilliancy	-8642 Oct 20 j 13:58	21°♋29'55	-4.9m
	-8642 Nov 04 j 18:17	0°♌	
morning max el	-8642 Nov 29 j 14:36	21°♌50'36	46°18'54
	-8642 Dec 07 j 15:46	0°♍	
	-8641 Jan 04 j 10:15	0°♎	
	-8641 Jan 30 j 20:44	0°♏	
desc. node	-8641 Feb 09 j 05:55	10°♏51'18	
	-8641 Feb 25 j 14:50	0°♐	
	-8641 Mar 22 j 20:28	0°♑	
	-8641 Apr 16 j 15:12	0°♒	
	-8641 May 11 j 00:39	0°♓	
morning set	-8641 May 25 j 18:37	18°♓19'41	
asc. node	-8641 Jun 01 j 03:10	26°♓16'00	
	-8641 Jun 04 j 02:46	0°♈	
	-8641 Jun 27 j 23:46	0°♉	
max. Earth dist.	-8641 Jun 29 j 16:17	2°♉07'41	1.71142 AU
superior conj	-8641 Jul 02 j 02:44	5°♉11'57	1°03'45

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

minimum elong	-8641 Jul 01 j 17:15	4°♉42'05	1°03'43
	-8641 Jul 21 j 18:17	0°♊	
evening rise	-8641 Aug 10 j 14:30	25°♊02'09	
	-8641 Aug 14 j 13:06	0°♋	
	-8641 Sep 07 j 10:42	0°♌	
desc. node	-8641 Sep 21 j 16:24	17°♌45'52	
	-8641 Oct 01 j 12:43	0°♍	
	-8641 Oct 25 j 20:14	0°♎	
	-8641 Nov 19 j 11:02	0°♏	
	-8641 Dec 14 j 14:05	0°♐	
	-8640 Jan 09 j 16:55	0°♑	
asc. node	-8640 Jan 11 j 17:37	2°♑15'17	
	-8640 Feb 07 j 01:28	0°♒	
evening max el	-8640 Feb 12 j 07:57	5°♒05'38	44°56'40
	-8640 Mar 16 j 05:17	0°♓	
greatest brilliancy	-8640 Mar 21 j 01:40	2°♓00'17	-4.7m
retrograde	-8640 Mar 31 j 08:46	3°♓52'27	
	-8640 Apr 14 j 16:11	30°R♒	
evening set	-8640 Apr 15 j 14:18	29°♒31'06	
inferior conj	-8640 Apr 21 j 14:09	26°♒02'18	2°44'08
minimum elong	-8640 Apr 21 j 19:53	25°♒53'36	2°42'13
min. Earth dist.	-8640 Apr 22 j 16:33	25°♒22'17	0.28245 AU
morning rise	-8640 Apr 28 j 00:28	22°♒17'07	
desc. node	-8640 May 03 j 13:50	19°♒43'21	
direct	-8640 May 13 j 05:27	17°♒53'18	
greatest brilliancy	-8640 May 24 j 20:12	20°♒18'47	-4.8m
	-8640 Jun 10 j 05:08	0°♓	
morning max el	-8640 Jul 02 j 09:11	19°♓44'58	46°34'38
	-8640 Jul 12 j 07:40	0°♈	
	-8640 Aug 08 j 01:36	0°♉	
asc. node	-8640 Aug 23 j 16:03	18°♉31'03	
	-8640 Sep 02 j 03:52	0°♊	
	-8640 Sep 26 j 14:09	0°♋	
	-8640 Oct 20 j 19:57	0°♌	
	-8640 Nov 14 j 03:12	0°♍	
	-8640 Dec 08 j 13:39	0°♎	
desc. node	-8640 Dec 14 j 05:58	6°♎57'19	
	-8639 Jan 02 j 02:14	0°♏	
morning set	-8639 Jan 07 j 15:41	6°♏47'52	
	-8639 Jan 26 j 14:53	0°♐	
max. Earth dist.	-8639 Feb 12 j 02:30	20°♐11'58	1.73791 AU
superior conj	-8639 Feb 13 j 23:05	22°♐28'44	-1°20'31
minimum elong	-8639 Feb 14 j 01:30	22°♐36'08	1°21'02
	-8639 Feb 20 j 02:09	0°♑	
	-8639 Mar 16 j 11:49	0°♒	
evening rise	-8639 Mar 21 j 13:24	6°♒14'10	
asc. node	-8639 Apr 05 j 02:54	24°♒10'04	
	-8639 Apr 09 j 20:32	0°♓	
	-8639 May 04 j 05:10	0°♈	
	-8639 May 28 j 14:44	0°♉	
	-8639 Jun 22 j 03:01	0°♊	
	-8639 Jul 16 j 21:22	0°♋	
desc. node	-8639 Jul 26 j 18:54	11°♋50'36	
	-8639 Aug 11 j 04:10	0°♌	
	-8639 Sep 06 j 14:10	0°♍	
evening max el	-8639 Sep 20 j 12:59	14°♍48'15	47°20'13
	-8639 Oct 06 j 09:39	0°♎	
greatest brilliancy	-8639 Oct 30 j 15:55	16°♎26'25	-4.9m
retrograde	-8639 Nov 10 j 13:51	18°♎43'20	
asc. node	-8639 Nov 15 j 22:59	18°♎06'24	
evening set	-8639 Nov 25 j 13:46	14°♎05'48	
min. Earth dist.	-8639 Nov 30 j 17:32	10°♎54'50	0.28291 AU
inferior conj	-8639 Dec 01 j 14:56	10°♎20'26	3°36'24
minimum elong	-8639 Dec 01 j 08:07	10°♎31'24	3°34'33
morning rise	-8639 Dec 07 j 03:27	6°♎55'31	
direct	-8639 Dec 22 j 15:34	2°♎09'07	
greatest brilliancy	-8639 Dec 31 j 10:33	3°♎35'58	-4.8m
	-8638 Feb 07 j 06:04	0°♏	
morning max el	-8638 Feb 09 j 10:21	2°♏02'59	45°55'55
desc. node	-8638 Mar 08 j 18:05	29°♏56'08	
	-8638 Mar 08 j 19:31	0°♐	
	-8638 Apr 04 j 18:20	0°♑	
	-8638 Apr 30 j 11:02	0°♒	
	-8638 May 25 j 08:24	0°♓	
	-8638 Jun 18 j 16:14	0°♈	
asc. node	-8638 Jun 28 j 16:33	12°♈29'59	
	-8638 Jul 12 j 14:58	0°♉	
greatest brilliancy	-8638 Jul 17 j 01:08	5°♉34'30	-3.9m
	-8638 Aug 05 j 08:47	0°♊	
morning set	-8638 Aug 05 j 22:37	0°♊43'45	
	-8638 Aug 29 j 01:42	0°♋	
superior conj	-8638 Sep 16 j 04:15	22°♋50'22	1°05'46
minimum elong	-8638 Sep 16 j 15:47	23°♋26'42	1°05'58
	-8638 Sep 21 j 20:54	0°♌	
max. Earth dist.	-8638 Sep 22 j 13:07	0°♌50'54	1.71113 AU
	-8638 Oct 15 j 20:11	0°♍	
desc. node	-8638 Oct 19 j 05:20	4°♍12'45	
evening rise	-8638 Oct 29 j 10:17	16°♍54'14	
	-8638 Nov 08 j 23:51	0°♎	
	-8638 Dec 03 j 07:37	0°♏	
	-8638 Dec 27 j 19:58	0°♐	
	-8637 Jan 21 j 15:15	0°♑	
asc. node	-8637 Feb 08 j 04:41	20°♑54'50	
	-8637 Feb 15 j 22:08	0°♒	
	-8637 Mar 14 j 00:18	0°♓	
	-8637 Apr 10 j 14:02	0°♈	
evening max el	-8637 Apr 25 j 19:54	15°♈18'13	45°58'23
	-8637 May 12 j 07:55	0°♉	
desc. node	-8637 Jun 01 j 00:15	12°♉44'07	
greatest brilliancy	-8637 Jun 04 j 15:05	14°♉08'39	-4.8m
retrograde	-8637 Jun 14 j 07:36	15°♉50'18	
evening set	-8637 Jun 30 j 05:34	11°♉05'05	
inferior conj	-8637 Jul 05 j 02:54	8°♉14'25	-7°13'00
minimum elong	-8637 Jul 04 j 16:47	8°♉29'33	7°10'52
min. Earth dist.	-8637 Jul 04 j 23:37	8°♉19'19	0.26749 AU
morning rise	-8637 Jul 09 j 03:50	5°♉52'04	
direct	-8637 Jul 25 j 17:47	0°♉39'28	
greatest brilliancy	-8637 Aug 05 j 09:26	2°♉46'44	-4.9m
	-8637 Sep 10 j 09:52	0°♊	
morning max el	-8637 Sep 14 j 09:57	4°♊02'32	46°44'54
asc. node	-8637 Sep 21 j 03:51	11°♊05'38	
	-8637 Oct 08 j 07:11	0°♋	
	-8637 Nov 03 j 02:53	0°♌	
	-8637 Nov 28 j 08:06	0°♍	
	-8637 Dec 23 j 09:30	0°♎	
desc. node	-8636 Jan 11 j 19:15	23°♎17'18	
	-8636 Jan 17 j 09:13	0°♏	
	-8636 Feb 11 j 06:01	0°♐	
	-8636 Mar 06 j 22:16	0°♑	
morning set	-8636 Mar 16 j 20:33	12°♑08'47	
	-8636 Mar 31 j 09:22	0°♒	
max. Earth dist.	-8636 Apr 16 j 17:48	20°♒11'38	1.72942 AU
superior conj	-8636 Apr 21 j 02:58	25°♒37'18	-0°26'22
minimum elong	-8636 Apr 21 j 07:49	25°♒52'21	0°26'31
	-8636 Apr 24 j 15:43	0°♓	
asc. node	-8636 May 02 j 15:57	9°♓56'47	
	-8636 May 18 j 18:23	0°♈	
evening rise	-8636 May 26 j 21:34	10°♈08'56	
	-8636 Jun 11 j 18:45	0°♉	
	-8636 Jul 05 j 18:37	0°♊	
	-8636 Jul 29 j 20:09	0°♋	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

desc. node	-8636 Aug 23 j 06:27	0°♌14'10		
	-8636 Aug 23 j 01:50	0°♌		
	-8636 Sep 16 j 14:41	0°♍		
	-8636 Oct 11 j 15:41	0°♎		
	-8636 Nov 06 j 17:07	0°♏		
evening max el	-8636 Nov 29 j 23:58	24°♏41'24	45°41'37	
	-8636 Dec 05 j 11:18	0°♐		
asc. node	-8636 Dec 13 j 09:22	7°♐11'30		
greatest brilliancy	-8635 Jan 07 j 02:11	23°♐30'52	-4.7m	
retrograde	-8635 Jan 18 j 01:44	25°♐43'50		
evening set	-8635 Feb 04 j 17:53	19°♐46'50		
inferior conj	-8635 Feb 08 j 13:39	17°♐22'57	8°04'49	
minimum elong	-8635 Feb 08 j 14:03	17°♐22'20	8°04'17	
min. Earth dist.	-8635 Feb 08 j 22:03	17°♐09'33	0.29613 AU	
morning rise	-8635 Feb 12 j 10:09	14°♐57'21		
direct	-8635 Mar 02 j 11:03	8°♐50'22		
greatest brilliancy	-8635 Mar 12 j 11:59	10°♐38'05	-4.7m	
desc. node	-8635 Apr 05 j 05:19	25°♐08'10		
	-8635 Apr 10 j 23:40	0°♑		
morning max el	-8635 Apr 20 j 12:26	8°♑45'24	46°03'56	
	-8635 May 11 j 07:09	0°♒		
	-8635 Jun 07 j 00:29	0°♓		
	-8635 Jul 02 j 06:04	0°♈		
asc. node	-8635 Jul 26 j 05:41	29°♈27'33		
	-8635 Jul 26 j 16:08	0°♉		
	-8635 Aug 19 j 15:40	0°♊		
	-8635 Sep 12 j 11:17	0°♋		
	-8635 Oct 06 j 07:55	0°♌		
morning set	-8635 Oct 22 j 11:51	20°♌12'47		
	-8635 Oct 30 j 08:24	0°♍		
desc. node	-8635 Nov 15 j 18:31	20°♍22'40		
	-8635 Nov 23 j 13:11	0°♎		
superior conj	-8635 Dec 03 j 06:50	12°♎01'09	-0°38'12	
minimum elong	-8635 Dec 02 j 22:25	11°♎35'13	0°37'54	
max. Earth dist.	-8635 Dec 06 j 14:23	16°♎06'20	1.72934 AU	
	-8635 Dec 17 j 21:07	0°♏		
evening rise	-8634 Jan 11 j 03:48	29°♏50'31		
	-8634 Jan 11 j 06:54	0°♐		
	-8634 Feb 04 j 18:19	0°♑		
	-8634 Mar 01 j 08:31	0°♒		
asc. node	-8634 Mar 07 j 16:37	7°♒41'46		
	-8634 Mar 26 j 03:20	0°♓		
	-8634 Apr 20 j 04:49	0°♈		
	-8634 May 15 j 16:14	0°♉		
	-8634 Jun 10 j 21:56	0°♊		
desc. node	-8634 Jun 28 j 10:27	19°♊05'42		
evening max el	-8634 Jul 08 j 12:30	29°♊29'31	47°35'05	
	-8634 Jul 09 j 00:41	0°♋		
	-8634 Aug 16 j 06:29	0°♌		
greatest brilliancy	-8634 Aug 19 j 04:43	1°♌08'07	-4.9m	
retrograde	-8634 Aug 28 j 10:13	2°♌46'49		
	-8634 Sep 09 j 01:18	30°℞♋		
evening set	-8634 Sep 13 j 22:58	27°♋24'04		
inferior conj	-8634 Sep 18 j 02:57	24°♋51'50	-6°46'29	
minimum elong	-8634 Sep 18 j 13:14	24°♋35'54	6°43'47	
min. Earth dist.	-8634 Sep 17 j 19:35	25°♋03'16	0.26702 AU	
morning rise	-8634 Sep 23 j 03:41	21°♋50'30		
direct	-8634 Oct 08 j 07:06	17°♋12'26		
greatest brilliancy	-8634 Oct 18 j 03:35	19°♋04'08	-4.9m	
asc. node	-8634 Oct 18 j 14:37	19°♋14'18		
	-8634 Nov 05 j 12:54	0°♌		
morning max el	-8634 Nov 27 j 05:22	19°♌31'20	46°20'04	
	-8634 Dec 07 j 11:44	0°♍		
	-8633 Jan 04 j 01:30	0°♎		
	-8633 Jan 30 j 09:57	0°♏		
desc. node	-8633 Feb 08 j 08:08	10°♏20'38		
	-8633 Feb 25 j 02:59	0°♐		
	-8633 Mar 22 j 07:58	0°♑		
	-8633 Apr 16 j 02:21	0°♒		
	-8633 May 10 j 11:38	0°♓		
morning set	-8633 May 23 j 12:06	16°♓10'30		
asc. node	-8633 May 31 j 05:14	25°♓48'13		
	-8633 Jun 03 j 13:43	0°♈		
max. Earth dist.	-8633 Jun 27 j 02:50	29°♈34'58	1.71192 AU	
	-8633 Jun 27 j 10:47	0°♉		
superior conj	-8633 Jun 29 j 17:16	2°♉51'40	1°01'28	
minimum elong	-8633 Jun 29 j 07:47	2°♉21'47	1°01'23	
	-8633 Jul 21 j 05:25	0°♊		
evening rise	-8633 Aug 08 j 00:36	22°♊27'18		
	-8633 Aug 14 j 00:22	0°♋		
	-8633 Sep 06 j 22:07	0°♌		
desc. node	-8633 Sep 20 j 18:38	17°♌17'06		
	-8633 Oct 01 j 00:17	0°♍		
	-8633 Oct 25 j 07:59	0°♎		
	-8633 Nov 18 j 23:12	0°♏		
	-8633 Dec 14 j 03:08	0°♐		
	-8632 Jan 09 j 08:03	0°♑		
asc. node	-8632 Jan 10 j 19:49	1°♑39'00		
	-8632 Feb 06 j 22:33	0°♒		
evening max el	-8632 Feb 10 j 00:16	2°♒56'49	44°56'18	
greatest brilliancy	-8632 Mar 18 j 15:48	29°♒48'14	-4.7m	
	-8632 Mar 19 j 05:41	0°♓		
retrograde	-8632 Mar 28 j 23:41	1°♓40'42		
	-8632 Apr 07 j 07:23	30°℞♒		
evening set	-8632 Apr 13 j 07:20	27°♒16'29		
inferior conj	-8632 Apr 19 j 05:14	23°♒49'34	3°02'57	
minimum elong	-8632 Apr 19 j 11:30	23°♒40'02	3°00'53	
min. Earth dist.	-8632 Apr 20 j 07:49	23°♒09'10	0.28315 AU	
morning rise	-8632 Apr 25 j 14:47	20°♒05'00		
desc. node	-8632 May 02 j 15:57	16°♒59'44		
direct	-8632 May 10 j 21:55	15°♒39'28		
greatest brilliancy	-8632 May 22 j 11:01	18°♒03'32	-4.8m	
	-8632 Jun 10 j 18:35	0°♓		
morning max el	-8632 Jun 30 j 00:39	17°♓28'02	46°33'32	
	-8632 Jul 12 j 02:46	0°♈		
	-8632 Aug 07 j 16:43	0°♉		
asc. node	-8632 Aug 22 j 18:22	17°♉55'56		
	-8632 Sep 01 j 17:20	0°♊		
	-8632 Sep 26 j 02:45	0°♋		
	-8632 Oct 20 j 08:02	0°♌		
	-8632 Nov 13 j 14:53	0°♍		
	-8632 Dec 08 j 00:59	0°♎		
desc. node	-8632 Dec 13 j 08:04	6°♎29'13		
	-8631 Jan 01 j 13:18	0°♏		
morning set	-8631 Jan 05 j 07:13	4°♏34'52		
	-8631 Jan 26 j 01:46	0°♐		
max. Earth dist.	-8631 Feb 10 j 02:13	18°♐24'11	1.73791 AU	
superior conj	-8631 Feb 11 j 17:52	20°♐25'48	-1°20'54	
minimum elong	-8631 Feb 11 j 19:42	20°♐31'24	1°21'26	
	-8631 Feb 19 j 12:59	0°♑		
	-8631 Mar 15 j 22:44	0°♒		
evening rise	-8631 Mar 19 j 09:15	4°♒13'52		
asc. node	-8631 Apr 04 j 05:02	23°♒42'35		
	-8631 Apr 09 j 07:39	0°♓		
	-8631 May 03 j 16:36	0°♈		
	-8631 May 28 j 02:38	0°♉		
	-8631 Jun 21 j 15:35	0°♊		
	-8631 Jul 16 j 10:55	0°♋		
desc. node	-8631 Jul 25 j 21:12	11°♋15'40		
	-8631 Aug 10 j 19:20	0°♌		
	-8631 Sep 06 j 08:47	0°♍		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

evening max el	-8631 Sep 18 j 05:36	12°♍31'54	47°22'52
	-8631 Oct 06 j 17:19	0°♎	
greatest brilliancy	-8631 Oct 28 j 09:52	14°♎11'53	-4.9m
retrograde	-8631 Nov 08 j 06:29	16°♎27'11	
asc. node	-8631 Nov 15 j 01:11	15°♎28'41	
evening set	-8631 Nov 23 j 05:01	11°♎51'58	
min. Earth dist.	-8631 Nov 28 j 09:36	8°♎39'42	0.28214 AU
inferior conj	-8631 Nov 29 j 07:03	8°♎05'09	3°18'21
minimum elong	-8631 Nov 29 j 00:41	8°♎15'24	3°16'37
morning rise	-8631 Dec 04 j 21:23	4°♎37'35	
	-8631 Dec 18 j 07:58	30°℞♍	
direct	-8631 Dec 20 j 07:06	29°♍55'20	
	-8631 Dec 22 j 06:44	0°♎	
greatest brilliancy	-8631 Dec 29 j 01:40	1°♎21'54	-4.8m
morning max el	-8630 Feb 07 j 01:30	29°♎50'59	45°56'15
	-8630 Feb 07 j 05:18	0°♏	
desc. node	-8630 Mar 07 j 20:17	29°♏18'51	
	-8630 Mar 08 j 11:31	0°♐	
	-8630 Apr 04 j 07:51	0°♑	
	-8630 Apr 29 j 23:25	0°♒	
	-8630 May 24 j 20:13	0°♓	
	-8630 Jun 18 j 03:45	0°♈	
asc. node	-8630 Jun 27 j 18:45	12°♈01'00	
	-8630 Jul 12 j 02:20	0°♉	
greatest brilliancy	-8630 Jul 16 j 22:32	6°♉06'13	-3.9m
morning set	-8630 Aug 03 j 10:00	28°♉12'02	
	-8630 Aug 04 j 20:07	0°♊	
	-8630 Aug 28 j 13:02	0°♋	
superior conj	-8630 Sep 13 j 12:48	20°♋10'36	1°08'09
minimum elong	-8630 Sep 13 j 23:58	20°♋45'45	1°08'23
max. Earth dist.	-8630 Sep 19 j 18:33	28°♋01'33	1.71063 AU
	-8630 Sep 21 j 08:16	0°♌	
	-8630 Oct 15 j 07:33	0°♍	
desc. node	-8630 Oct 18 j 07:21	3°♍43'36	
evening rise	-8630 Oct 26 j 19:15	14°♍17'42	
	-8630 Nov 08 j 11:15	0°♎	
	-8630 Dec 02 j 19:05	0°♏	
	-8630 Dec 27 j 07:38	0°♐	
	-8629 Jan 21 j 03:21	0°♑	
asc. node	-8629 Feb 07 j 07:03	20°♑24'30	
	-8629 Feb 15 j 11:09	0°♒	
	-8629 Mar 13 j 15:13	0°♓	
	-8629 Apr 10 j 09:27	0°♈	
evening max el	-8629 Apr 23 j 08:20	12°♈54'48	45°54'47
	-8629 May 12 j 21:54	0°♉	
desc. node	-8629 May 31 j 02:25	10°♉57'14	
greatest brilliancy	-8629 Jun 02 j 02:47	11°♉41'37	-4.8m
retrograde	-8629 Jun 11 j 18:47	13°♉23'07	
evening set	-8629 Jun 27 j 13:38	8°♉43'25	
inferior conj	-8629 Jul 02 j 15:04	5°♉47'32	-6°58'15
minimum elong	-8629 Jul 02 j 04:42	6°♉03'00	6°56'00
min. Earth dist.	-8629 Jul 02 j 12:59	5°♉50'38	0.26776 AU
morning rise	-8629 Jul 06 j 19:31	3°♉20'09	
	-8629 Jul 13 j 18:11	30°℞♈	
direct	-8629 Jul 23 j 06:02	28°♈11'40	
	-8629 Aug 02 j 01:43	0°♉	
greatest brilliancy	-8629 Aug 03 j 00:17	0°♉20'49	-4.9m
	-8629 Sep 10 j 10:13	0°♊	
morning max el	-8629 Sep 11 j 21:47	1°♊30'32	46°45'18
asc. node	-8629 Sep 20 j 06:00	10°♊16'06	
	-8629 Oct 08 j 00:20	0°♋	
	-8629 Nov 02 j 17:25	0°♌	
	-8629 Nov 27 j 21:18	0°♍	
	-8629 Dec 22 j 21:53	0°♎	
desc. node	-8628 Jan 10 j 21:26	22°♎47'56	
	-8628 Jan 16 j 21:02	0°♏	
	-8628 Feb 10 j 17:26	0°♐	
	-8628 Mar 06 j 09:26	0°♑	
morning set	-8628 Mar 14 j 15:56	10°♑07'08	
	-8628 Mar 30 j 20:22	0°♒	
max. Earth dist.	-8628 Apr 14 j 15:14	18°♒15'23	1.72996 AU
superior conj	-8628 Apr 18 j 22:25	23°♒34'44	-0°29'10
minimum elong	-8628 Apr 19 j 03:42	23°♒51'07	0°29'17
	-8628 Apr 24 j 02:44	0°♓	
asc. node	-8628 May 01 j 18:04	9°♓29'00	
	-8628 May 18 j 05:32	0°♈	
evening rise	-8628 May 24 j 15:46	8°♈00'57	
	-8628 Jun 11 j 06:09	0°♉	
	-8628 Jul 05 j 06:18	0°♊	
	-8628 Jul 29 j 08:10	0°♋	
desc. node	-8628 Aug 22 j 08:37	29°♋42'34	
	-8628 Aug 22 j 14:17	0°♌	
	-8628 Sep 16 j 03:46	0°♍	
	-8628 Oct 11 j 05:52	0°♎	
	-8628 Nov 06 j 09:44	0°♏	
evening max el	-8628 Nov 27 j 14:58	22°♏25'38	45°44'47
	-8628 Dec 05 j 11:58	0°♐	
asc. node	-8628 Dec 12 j 11:38	6°♐13'05	
greatest brilliancy	-8627 Jan 04 j 18:38	21°♐22'38	-4.7m
retrograde	-8627 Jan 15 j 19:23	23°♐37'18	
evening set	-8627 Feb 02 j 10:46	17°♐40'07	
inferior conj	-8627 Feb 06 j 07:02	15°♐15'32	8°05'05
minimum elong	-8627 Feb 06 j 06:47	15°♐15'57	8°04'34
min. Earth dist.	-8627 Feb 06 j 14:07	15°♐04'16	0.29611 AU
morning rise	-8627 Feb 10 j 02:44	12°♐51'14	
direct	-8627 Feb 28 j 03:42	6°♐42'47	
greatest brilliancy	-8627 Mar 10 j 03:44	8°♐29'52	-4.7m
desc. node	-8627 Apr 04 j 07:22	24°♐08'19	
	-8627 Apr 11 j 02:16	0°♑	
morning max el	-8627 Apr 18 j 05:16	6°♑36'55	46°03'20
	-8627 May 11 j 00:04	0°♒	
	-8627 Jun 06 j 14:33	0°♓	
	-8627 Jul 01 j 18:55	0°♈	
asc. node	-8627 Jul 25 j 07:58	28°♈56'34	
	-8627 Jul 26 j 04:23	0°♉	
	-8627 Aug 19 j 03:36	0°♊	
	-8627 Sep 11 j 23:02	0°♋	
	-8627 Oct 05 j 19:32	0°♌	
morning set	-8627 Oct 19 j 21:39	17°♌37'34	
	-8627 Oct 29 j 19:54	0°♍	
desc. node	-8627 Nov 14 j 20:40	19°♍54'00	
	-8627 Nov 23 j 00:34	0°♎	
superior conj	-8627 Nov 30 j 18:58	9°♎35'36	-0°35'00
minimum elong	-8627 Nov 30 j 11:02	9°♎11'07	0°34'42
max. Earth dist.	-8627 Dec 04 j 05:12	13°♎49'14	1.72878 AU
	-8627 Dec 17 j 08:24	0°♏	
evening rise	-8626 Jan 08 j 20:11	27°♏38'56	
	-8626 Jan 10 j 18:09	0°♐	
	-8626 Feb 04 j 05:41	0°♑	
	-8626 Feb 28 j 20:10	0°♒	
asc. node	-8626 Mar 06 j 18:44	7°♒12'33	
	-8626 Mar 25 j 15:31	0°♓	
	-8626 Apr 19 j 17:52	0°♈	
	-8626 May 15 j 06:44	0°♉	
	-8626 Jun 10 j 15:11	0°♊	
desc. node	-8626 Jun 27 j 12:44	18°♊17'16	
evening max el	-8626 Jul 06 j 02:36	27°♊05'11	47°32'58
	-8626 Jul 09 j 01:10	0°♋	
greatest brilliancy	-8626 Aug 16 j 17:38	28°♋37'57	-4.9m
	-8626 Aug 22 j 06:04	0°♌	
retrograde	-8626 Aug 25 j 23:34	0°♌16'48	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8626 Aug 29 j 15:29	30℞♋	
evening set	-8626 Sep 11 j 15:00	24°♋49'27	
inferior conj	-8626 Sep 15 j 15:42	22°♋22'23	-7°01'44
minimum elong	-8626 Sep 16 j 01:53	22°♋06'39	6°59'10
min. Earth dist.	-8626 Sep 15 j 08:20	22°♋33'46	0.26687 AU
morning rise	-8626 Sep 20 j 12:58	19°♋26'33	
direct	-8626 Oct 05 j 20:10	14°♋43'36	
greatest brilliancy	-8626 Oct 15 j 16:38	16°♋35'52	-4.9m
asc. node	-8626 Oct 17 j 16:50	17°♋23'19	
	-8626 Nov 06 j 03:34	0°♌	
morning max el	-8626 Nov 24 j 20:28	17°♌11'15	46°21'08
	-8626 Dec 07 j 07:40	0°♍	
	-8625 Jan 03 j 17:01	0°♎	
	-8625 Jan 29 j 23:29	0°♏	
desc. node	-8625 Feb 07 j 10:20	9°♏48'54	
	-8625 Feb 24 j 15:25	0°♐	
	-8625 Mar 21 j 19:46	0°♑	
	-8625 Apr 15 j 13:47	0°♒	
	-8625 May 09 j 22:54	0°♓	
morning set	-8625 May 21 j 05:53	14°♓01'30	
asc. node	-8625 May 30 j 07:27	25°♓20'07	
	-8625 Jun 03 j 00:56	0°♈	
max. Earth dist.	-8625 Jun 24 j 12:12	26°♈57'58	1.71239 AU
	-8625 Jun 26 j 22:01	0°♉	
superior conj	-8625 Jun 27 j 08:21	0°♉32'33	0°59'05
minimum elong	-8625 Jun 26 j 22:55	0°♉02'51	0°59'00
	-8625 Jul 20 j 16:43	0°♊	
evening rise	-8625 Aug 05 j 11:16	19°♊53'42	
	-8625 Aug 13 j 11:49	0°♋	
	-8625 Sep 06 j 09:44	0°♌	
desc. node	-8625 Sep 19 j 20:38	16°♌46'56	
	-8625 Sep 30 j 12:06	0°♍	
	-8625 Oct 24 j 20:04	0°♎	
	-8625 Nov 18 j 11:44	0°♏	
	-8625 Dec 13 j 16:38	0°♐	
	-8624 Jan 08 j 23:46	0°♑	
asc. node	-8624 Jan 09 j 22:10	1°♑01'44	
	-8624 Feb 06 j 20:52	0°♒	
evening max el	-8624 Feb 07 j 15:56	0°♒45'24	44°56'04
greatest brilliancy	-8624 Mar 16 j 06:28	27°♒35'53	-4.7m
retrograde	-8624 Mar 26 j 14:05	29°♒27'59	
evening set	-8624 Apr 11 j 00:23	25°♒00'49	
inferior conj	-8624 Apr 16 j 20:15	21°♒36'01	3°21'24
minimum elong	-8624 Apr 17 j 03:02	21°♒25'40	3°19'13
min. Earth dist.	-8624 Apr 17 j 23:13	20°♒54'52	0.28381 AU
morning rise	-8624 Apr 23 j 04:48	17°♒52'06	
desc. node	-8624 May 01 j 18:13	14°♒19'22	
direct	-8624 May 08 j 13:51	13°♒24'46	
greatest brilliancy	-8624 May 20 j 01:52	15°♒47'26	-4.8m
	-8624 Jun 11 j 05:00	0°♓	
morning max el	-8624 Jun 27 j 15:10	15°♓08'13	46°32'38
	-8624 Jul 11 j 21:35	0°♈	
	-8624 Aug 07 j 07:44	0°♉	
asc. node	-8624 Aug 21 j 20:29	17°♉20'11	
	-8624 Sep 01 j 06:45	0°♊	
	-8624 Sep 25 j 15:21	0°♋	
	-8624 Oct 19 j 20:08	0°♌	
	-8624 Nov 13 j 02:39	0°♍	
	-8624 Dec 07 j 12:29	0°♎	
desc. node	-8624 Dec 12 j 10:15	6°♎00'49	
	-8623 Jan 01 j 00:33	0°♏	
morning set	-8623 Jan 02 j 22:07	2°♏19'19	
	-8623 Jan 25 j 12:52	0°♐	
max. Earth dist.	-8623 Feb 08 j 00:10	16°♐30'27	1.73788 AU
superior conj	-8623 Feb 09 j 12:04	18°♐20'31	-1°21'11
minimum elong	-8623 Feb 09 j 13:17	18°♐24'16	1°21'44
	-8623 Feb 19 j 00:01	0°♑	
	-8623 Mar 15 j 09:49	0°♒	
evening rise	-8623 Mar 17 j 04:36	2°♒11'35	
asc. node	-8623 Apr 03 j 07:08	23°♒14'34	
	-8623 Apr 08 j 18:56	0°♓	
	-8623 May 03 j 04:13	0°♈	
	-8623 May 27 j 14:44	0°♉	
	-8623 Jun 21 j 04:20	0°♊	
	-8623 Jul 16 j 00:37	0°♋	
desc. node	-8623 Jul 24 j 23:24	10°♋40'12	
	-8623 Aug 10 j 10:39	0°♌	
	-8623 Sep 06 j 03:45	0°♍	
evening max el	-8623 Sep 15 j 21:12	10°♍13'07	47°25'24
	-8623 Oct 07 j 03:33	0°♎	
greatest brilliancy	-8623 Oct 26 j 03:58	11°♎57'35	-4.9m
retrograde	-8623 Nov 05 j 22:34	14°♎10'59	
asc. node	-8623 Nov 14 j 03:29	12°♎45'42	
evening set	-8623 Nov 20 j 20:23	9°♎37'45	
min. Earth dist.	-8623 Nov 26 j 01:57	6°♎24'03	0.28143 AU
inferior conj	-8623 Nov 26 j 23:10	5°♎49'51	2°59'58
minimum elong	-8623 Nov 26 j 17:18	5°♎59'18	2°58'21
morning rise	-8623 Dec 02 j 15:13	2°♎19'38	
	-8623 Dec 07 j 06:15	30℞♍	
direct	-8623 Dec 17 j 22:13	27°♍41'20	
greatest brilliancy	-8623 Dec 26 j 17:27	29°♍08'13	-4.8m
	-8623 Dec 29 j 03:58	0°♎	
morning max el	-8622 Feb 04 j 16:03	27°♎37'02	45°56'30
	-8622 Feb 07 j 03:44	0°♏	
desc. node	-8622 Mar 06 j 22:19	28°♏41'02	
	-8622 Mar 08 j 03:23	0°♐	
	-8622 Apr 03 j 21:22	0°♑	
	-8622 Apr 29 j 11:48	0°♒	
	-8622 May 24 j 08:00	0°♓	
	-8622 Jun 17 j 15:13	0°♈	
asc. node	-8622 Jun 26 j 20:54	11°♈32'01	
	-8622 Jul 11 j 13:40	0°♉	
greatest brilliancy	-8622 Jul 16 j 16:13	6°♉26'14	-3.9m
morning set	-8622 Jul 31 j 21:30	25°♉40'43	
	-8622 Aug 04 j 07:25	0°♊	
	-8622 Aug 28 j 00:19	0°♋	
superior conj	-8622 Sep 10 j 21:43	17°♋32'06	1°10'21
minimum elong	-8622 Sep 11 j 08:27	18°♋05'53	1°10'38
max. Earth dist.	-8622 Sep 16 j 20:48	25°♋02'24	1.71010 AU
	-8622 Sep 20 j 19:30	0°♌	
	-8622 Oct 14 j 18:46	0°♍	
desc. node	-8622 Oct 17 j 09:31	3°♍15'29	
evening rise	-8622 Oct 24 j 04:25	11°♍42'09	
	-8622 Nov 07 j 22:28	0°♎	
	-8622 Dec 02 j 06:24	0°♏	
	-8622 Dec 26 j 19:10	0°♐	
	-8621 Jan 20 j 15:23	0°♑	
asc. node	-8621 Feb 06 j 09:08	19°♑53'24	
	-8621 Feb 15 j 00:12	0°♒	
	-8621 Mar 13 j 06:19	0°♓	
	-8621 Apr 10 j 05:25	0°♈	
evening max el	-8621 Apr 20 j 20:32	10°♈31'12	45°51'24
	-8621 May 13 j 16:23	0°♉	
desc. node	-8621 May 30 j 04:42	9°♉06'18	
greatest brilliancy	-8621 May 30 j 13:53	9°♉14'11	-4.8m
retrograde	-8621 Jun 09 j 06:16	10°♉56'25	
evening set	-8621 Jun 24 j 21:43	6°♉21'33	
inferior conj	-8621 Jun 30 j 03:06	3°♉20'49	-6°42'42
minimum elong	-8621 Jun 29 j 16:35	3°♉36'29	6°40'20
min. Earth dist.	-8621 Jun 30 j 02:00	3°♉22'28	0.26805 AU
morning rise	-8621 Jul 04 j 11:07	0°♉48'39	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8621 Jul	05 j 22:37	30°℞♈				-8618 Feb	03 j 16:37	0°♉	
direct	-8621 Jul	20 j 18:28	25°♈43'56				-8618 Feb	28 j 07:24	0°♒	
greatest brilliancy	-8621 Jul	31 j 14:57	27°♈55'09	-4.9m		asc. node	-8618 Mar	05 j 20:54	6°♒44'48	
	-8621 Aug	05 j 05:23	0°♉				-8618 Mar	25 j 03:20	0°♓	
morning max el	-8621 Sep	09 j 10:29	29°♉01'18	46°45'48			-8618 Apr	19 j 06:38	0°♈	
	-8621 Sep	10 j 09:22	0°♊				-8618 May	14 j 21:05	0°♉	
asc. node	-8621 Sep	19 j 08:08	9°♊27'46				-8618 Jun	10 j 08:31	0°♊	
	-8621 Oct	07 j 16:58	0°♋			desc. node	-8618 Jun	26 j 14:55	17°♊28'22	
	-8621 Nov	02 j 07:34	0°♌			evening max el	-8618 Jul	03 j 17:18	24°♊43'03	47°30'41
	-8621 Nov	27 j 10:08	0°♍				-8618 Jul	09 j 02:34	0°♋	
	-8621 Dec	22 j 09:55	0°♎			greatest brilliancy	-8618 Aug	14 j 06:14	26°♋08'09	-4.9m
desc. node	-8620 Jan	09 j 23:34	22°♎19'25			retrograde	-8618 Aug	23 j 12:50	27°♋47'03	
	-8620 Jan	16 j 08:32	0°♏			evening set	-8618 Sep	09 j 06:56	22°♋15'28	
	-8620 Feb	10 j 04:35	0°♐			inferior conj	-8618 Sep	13 j 04:17	19°♋53'25	-7°16'17
	-8620 Mar	05 j 20:21	0°♑			minimum elong	-8618 Sep	13 j 14:17	19°♋38'00	7°13'53
morning set	-8620 Mar	12 j 11:08	8°♑05'36			min. Earth dist.	-8618 Sep	12 j 20:47	20°♋05'01	0.26668 AU
	-8620 Mar	30 j 07:12	0°♒			morning rise	-8618 Sep	17 j 21:52	17°♋03'13	
max. Earth dist.	-8620 Apr	12 j 13:13	16°♒21'23	1.73050 AU		direct	-8618 Oct	03 j 09:22	12°♋15'33	
						greatest brilliancy	-8618 Oct	13 j 05:13	14°♋07'43	-4.9m
superior conj	-8620 Apr	16 j 17:38	21°♒32'03	-0°31'55		asc. node	-8618 Oct	16 j 19:11	15°♋37'31	
minimum elong	-8620 Apr	16 j 23:19	21°♒49'40	0°32'04			-8618 Nov	06 j 14:07	0°♌	
	-8620 Apr	23 j 13:35	0°♓			morning max el	-8618 Nov	22 j 10:57	14°♌50'34	46°22'11
asc. node	-8620 Apr	30 j 20:17	9°♓02'07				-8618 Dec	07 j 02:38	0°♍	
	-8620 May	17 j 16:31	0°♈				-8617 Jan	03 j 07:54	0°♎	
evening rise	-8620 May	22 j 09:46	5°♈53'02				-8617 Jan	29 j 12:28	0°♏	
	-8620 Jun	10 j 17:21	0°♉			desc. node	-8617 Feb	06 j 12:18	9°♏17'54	
	-8620 Jul	04 j 17:47	0°♊				-8617 Feb	24 j 03:21	0°♐	
	-8620 Jul	28 j 19:59	0°♋				-8617 Mar	21 j 07:05	0°♑	
desc. node	-8620 Aug	21 j 10:40	29°♋11'13				-8617 Apr	15 j 00:47	0°♒	
	-8620 Aug	22 j 02:32	0°♌				-8617 May	09 j 09:47	0°♓	
	-8620 Sep	15 j 16:39	0°♍			morning set	-8617 May	18 j 23:50	11°♓54'13	
	-8620 Oct	10 j 19:52	0°♎			asc. node	-8617 May	29 j 09:38	24°♓52'59	
	-8620 Nov	06 j 02:13	0°♏				-8617 Jun	02 j 11:48	0°♈	
evening max el	-8620 Nov	25 j 06:58	20°♏13'32	45°48'10		max. Earth dist.	-8617 Jun	21 j 20:03	24°♈17'11	1.71296 AU
	-8620 Dec	05 j 13:17	0°♐							
asc. node	-8620 Dec	11 j 13:55	5°♐14'49			superior conj	-8617 Jun	24 j 23:31	28°♈14'40	0°56'38
greatest brilliancy	-8619 Jan	02 j 10:53	19°♐15'50	-4.7m		minimum elong	-8617 Jun	24 j 14:12	27°♈45'23	0°56'30
retrograde	-8619 Jan	13 j 13:34	21°♐32'29				-8617 Jun	26 j 08:58	0°♉	
evening set	-8619 Jan	31 j 03:39	15°♐35'30				-8617 Jul	20 j 03:48	0°♊	
inferior conj	-8619 Feb	04 j 00:37	13°♐09'47	8°04'43		evening rise	-8617 Aug	02 j 21:50	17°♊20'33	
minimum elong	-8619 Feb	03 j 23:42	13°♐11'15	8°04'12			-8617 Aug	12 j 23:02	0°♋	
min. Earth dist.	-8619 Feb	04 j 05:55	13°♐01'20	0.29609 AU			-8617 Sep	05 j 21:06	0°♌	
morning rise	-8619 Feb	07 j 19:45	10°♐46'27			desc. node	-8617 Sep	18 j 22:51	16°♌18'15	
direct	-8619 Feb	25 j 21:08	4°♐37'04				-8617 Sep	29 j 23:38	0°♍	
greatest brilliancy	-8619 Mar	07 j 19:06	6°♐22'56	-4.7m			-8617 Oct	24 j 07:51	0°♎	
desc. node	-8619 Apr	03 j 09:40	23°♐11'31				-8617 Nov	17 j 24:00	0°♏	
	-8619 Apr	11 j 03:00	0°♑				-8617 Dec	13 j 05:53	0°♐	
morning max el	-8619 Apr	15 j 22:44	4°♑31'11	46°02'27			-8616 Jan	08 j 15:18	0°♑	
	-8619 May	10 j 16:21	0°♒			asc. node	-8616 Jan	09 j 00:19	0°♑24'43	
	-8619 Jun	06 j 04:16	0°♓			evening max el	-8616 Feb	05 j 07:06	28°♑34'07	44°56'04
	-8619 Jul	01 j 07:28	0°♈				-8616 Feb	06 j 19:30	0°♒	
asc. node	-8619 Jul	24 j 10:03	28°♈25'49			greatest brilliancy	-8616 Mar	13 j 21:56	25°♒26'33	-4.7m
	-8619 Jul	25 j 16:20	0°♉			retrograde	-8616 Mar	24 j 04:38	27°♒18'10	
	-8619 Aug	18 j 15:12	0°♊			evening set	-8616 Apr	08 j 17:56	22°♒47'45	
	-8619 Sep	11 j 10:25	0°♋			inferior conj	-8616 Apr	14 j 11:46	19°♒25'21	3°39'02
	-8619 Oct	05 j 06:48	0°♌			minimum elong	-8616 Apr	14 j 18:59	19°♒14'17	3°36'48
morning set	-8619 Oct	17 j 07:27	15°♌03'17			min. Earth dist.	-8616 Apr	15 j 15:16	18°♒43'17	0.28448 AU
	-8619 Oct	29 j 07:02	0°♍			morning rise	-8616 Apr	20 j 19:08	15°♒42'15	
desc. node	-8619 Nov	13 j 22:50	19°♍26'26			desc. node	-8616 Apr	30 j 20:24	11°♒46'48	
	-8619 Nov	22 j 11:35	0°♎			direct	-8616 May	06 j 05:43	11°♒12'51	
						greatest brilliancy	-8616 May	17 j 17:33	13°♒34'37	-4.8m
superior conj	-8619 Nov	28 j 07:00	7°♎10'43	-0°31'44			-8616 Jun	11 j 11:59	0°♓	
minimum elong	-8619 Nov	27 j 23:37	6°♎47'54	0°31'24		morning max el	-8616 Jun	25 j 05:11	12°♓48'31	46°31'28
max. Earth dist.	-8619 Dec	01 j 21:16	11°♎36'57	1.72819 AU			-8616 Jul	11 j 15:33	0°♈	
	-8619 Dec	16 j 19:18	0°♏				-8616 Aug	06 j 22:22	0°♉	
evening rise	-8618 Jan	06 j 12:42	25°♏29'01			asc. node	-8616 Aug	20 j 22:38	16°♉45'15	
	-8618 Jan	10 j 05:00	0°♐				-8616 Aug	31 j 19:56	0°♊	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8616 Sep 25 j 03:46	0°♋	
	-8616 Oct 19 j 08:04	0°♌	
	-8616 Nov 12 j 14:11	0°♍	
	-8616 Dec 06 j 23:42	0°♎	
desc. node	-8616 Dec 11 j 12:18	5°♎32'49	
	-8616 Dec 31 j 11:33	0°♏	
morning set	-8616 Dec 31 j 12:53	0°♏04'05	
	-8615 Jan 24 j 23:43	0°♐	
max. Earth dist.	-8615 Feb 05 j 20:29	14°♐32'29	1.73780 AU
superior conj	-8615 Feb 07 j 06:24	16°♐16'30	-1°21'23
minimum elong	-8615 Feb 07 j 07:00	16°♐18'20	1°21'54
	-8615 Feb 18 j 10:48	0°♑	
	-8615 Mar 14 j 20:38	0°♒	
evening rise	-8615 Mar 15 j 00:14	0°♒11'04	
asc. node	-8615 Apr 02 j 09:26	22°♒48'03	
	-8615 Apr 08 j 05:55	0°♓	
	-8615 May 02 j 15:31	0°♈	
	-8615 May 27 j 02:33	0°♉	
	-8615 Jun 20 j 16:54	0°♊	
	-8615 Jul 15 j 14:15	0°♋	
desc. node	-8615 Jul 24 j 01:28	10°♋04'27	
	-8615 Aug 10 j 02:05	0°♌	
	-8615 Sep 05 j 23:14	0°♍	
evening max el	-8615 Sep 13 j 11:52	7°♍51'43	47°27'47
	-8615 Oct 07 j 17:25	0°♎	
greatest brilliancy	-8615 Oct 23 j 22:04	9°♎42'31	-4.9m
retrograde	-8615 Nov 03 j 14:18	11°♎54'05	
asc. node	-8615 Nov 13 j 05:41	9°♎56'54	
evening set	-8615 Nov 18 j 11:38	7°♎22'24	
min. Earth dist.	-8615 Nov 23 j 18:17	4°♎07'24	0.28069 AU
inferior conj	-8615 Nov 24 j 15:04	3°♎33'56	2°41'06
minimum elong	-8615 Nov 24 j 09:44	3°♎42'31	2°39'37
morning rise	-8615 Nov 30 j 08:46	0°♎01'15	
	-8615 Nov 30 j 09:39	30°℞♍	
direct	-8615 Dec 15 j 12:40	25°♍26'34	
greatest brilliancy	-8615 Dec 24 j 09:25	26°♍54'25	-4.8m
	-8615 Dec 31 j 16:48	0°♎	
morning max el	-8614 Feb 02 j 06:30	25°♎22'59	45°56'58
	-8614 Feb 07 j 01:12	0°♏	
desc. node	-8614 Mar 06 j 00:35	28°♏04'40	
	-8614 Mar 07 j 18:51	0°♐	
	-8614 Apr 03 j 10:35	0°♑	
	-8614 Apr 28 j 23:56	0°♒	
	-8614 May 23 j 19:33	0°♓	
	-8614 Jun 17 j 02:28	0°♈	
asc. node	-8614 Jun 25 j 23:00	11°♈03'30	
	-8614 Jul 11 j 00:49	0°♉	
greatest brilliancy	-8614 Jul 16 j 06:23	6°♉35'49	-3.9m
morning set	-8614 Jul 29 j 09:32	23°♉11'37	
	-8614 Aug 03 j 18:34	0°♊	
	-8614 Aug 27 j 11:31	0°♋	
superior conj	-8614 Sep 08 j 06:38	14°♋53'37	1°12'24
minimum elong	-8614 Sep 08 j 16:49	15°♋25'43	1°12'43
max. Earth dist.	-8614 Sep 13 j 20:30	21°♋55'10	1.70971 AU
	-8614 Sep 20 j 06:44	0°♌	
	-8614 Oct 14 j 06:01	0°♍	
desc. node	-8614 Oct 16 j 11:42	2°♍47'13	
evening rise	-8614 Oct 21 j 12:56	9°♍04'22	
	-8614 Nov 07 j 09:46	0°♎	
	-8614 Dec 01 j 17:46	0°♏	
	-8614 Dec 26 j 06:46	0°♐	
	-8613 Jan 20 j 03:29	0°♑	
asc. node	-8613 Feb 05 j 11:21	19°♑22'31	
	-8613 Feb 14 j 13:20	0°♒	
	-8613 Mar 12 j 21:35	0°♓	
	-8613 Apr 10 j 01:55	0°♈	
evening max el	-8613 Apr 18 j 09:37	8°♈10'21	45°48'15
	-8613 May 14 j 16:47	0°♉	
greatest brilliancy	-8613 May 28 j 00:40	6°♉47'39	-4.8m
desc. node	-8613 May 29 j 06:52	7°♉11'48	
retrograde	-8613 Jun 06 j 18:43	8°♉31'15	
evening set	-8613 Jun 22 j 06:20	4°♉00'48	
inferior conj	-8613 Jun 27 j 15:25	0°♉55'23	-6°26'35
minimum elong	-8613 Jun 27 j 04:49	1°♉11'08	6°24'06
min. Earth dist.	-8613 Jun 27 j 14:54	0°♉56'09	0.26835 AU
	-8613 Jun 29 j 04:44	30°℞♈	
morning rise	-8613 Jul 02 j 02:59	28°♈18'38	
direct	-8613 Jul 18 j 07:37	23°♈17'40	
greatest brilliancy	-8613 Jul 29 j 05:10	25°♈30'11	-4.9m
	-8613 Aug 07 j 01:26	0°♉	
morning max el	-8613 Sep 07 j 00:12	26°♉35'09	46°46'00
	-8613 Sep 10 j 07:26	0°♊	
asc. node	-8613 Sep 18 j 10:31	8°♊41'01	
	-8613 Oct 07 j 09:18	0°♋	
	-8613 Nov 01 j 21:41	0°♌	
	-8613 Nov 26 j 23:05	0°♍	
	-8613 Dec 21 j 22:06	0°♎	
desc. node	-8612 Jan 09 j 01:37	21°♎50'08	
	-8612 Jan 15 j 20:12	0°♏	
	-8612 Feb 09 j 15:51	0°♐	
	-8612 Mar 05 j 07:22	0°♑	
morning set	-8612 Mar 10 j 06:06	6°♑03'02	
	-8612 Mar 29 j 18:07	0°♒	
max. Earth dist.	-8612 Apr 10 j 11:29	14°♒27'59	1.73098 AU
superior conj	-8612 Apr 14 j 12:51	19°♒29'05	-0°34'38
minimum elong	-8612 Apr 14 j 18:55	19°♒47'53	0°34'48
	-8612 Apr 23 j 00:32	0°♓	
asc. node	-8612 Apr 29 j 22:25	8°♓34'38	
	-8612 May 17 j 03:37	0°♈	
evening rise	-8612 May 20 j 04:03	3°♈45'42	
	-8612 Jun 10 j 04:40	0°♉	
	-8612 Jul 04 j 05:20	0°♊	
	-8612 Jul 28 j 07:52	0°♋	
desc. node	-8612 Aug 20 j 12:57	28°♋40'25	
	-8612 Aug 21 j 14:52	0°♌	
	-8612 Sep 15 j 05:40	0°♍	
	-8612 Oct 10 j 10:08	0°♎	
	-8612 Nov 05 j 19:18	0°♏	
evening max el	-8612 Nov 22 j 23:37	18°♏02'01	45°51'22
	-8612 Dec 05 j 16:34	0°♐	
asc. node	-8612 Dec 10 j 16:06	4°♐13'43	
greatest brilliancy	-8612 Dec 31 j 03:25	17°♐07'48	-4.7m
retrograde	-8611 Jan 11 j 07:37	19°♐25'40	
evening set	-8611 Jan 28 j 20:08	13°♐29'33	
inferior conj	-8611 Feb 01 j 17:57	11°♐02'12	8°03'44
minimum elong	-8611 Feb 01 j 16:24	11°♐04'41	8°03'12
min. Earth dist.	-8611 Feb 01 j 21:22	10°♐56'46	0.29600 AU
morning rise	-8611 Feb 05 j 12:44	8°♐39'25	
direct	-8611 Feb 23 j 14:35	2°♐29'48	
greatest brilliancy	-8611 Mar 05 j 09:39	4°♐13'40	-4.7m
desc. node	-8611 Apr 02 j 11:53	22°♐14'42	
	-8611 Apr 11 j 03:01	0°♑	
morning max el	-8611 Apr 13 j 15:50	2°♑23'50	46°01'39
	-8611 May 10 j 08:39	0°♒	
	-8611 Jun 05 j 18:04	0°♓	
	-8611 Jun 30 j 20:10	0°♈	
asc. node	-8611 Jul 23 j 12:12	27°♈54'46	
	-8611 Jul 25 j 04:27	0°♉	
	-8611 Aug 18 j 02:59	0°♊	
	-8611 Sep 10 j 21:59	0°♋	
	-8611 Oct 04 j 18:13	0°♌	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

morning set	-8611 Oct 14 j 17:36	12°♌29'30	
	-8611 Oct 28 j 18:22	0°♍	
desc. node	-8611 Nov 13 j 00:51	18°♍57'50	
	-8611 Nov 21 j 22:50	0°♎	
superior conj	-8611 Nov 25 j 18:49	4°♎44'18	-0°28'22
minimum elong	-8611 Nov 25 j 12:03	4°♎23'23	0°28'02
max. Earth dist.	-8611 Nov 29 j 15:16	9°♎29'45	1.72767 AU
	-8611 Dec 16 j 06:29	0°♏	
evening rise	-8610 Jan 04 j 04:50	23°♏16'50	
	-8610 Jan 09 j 16:11	0°♐	
	-8610 Feb 03 j 03:56	0°♑	
	-8610 Feb 27 j 19:03	0°♒	
asc. node	-8610 Mar 04 j 23:12	6°♒16'16	
	-8610 Mar 24 j 15:33	0°♓	
	-8610 Apr 18 j 19:50	0°♈	
	-8610 May 14 j 11:55	0°♉	
	-8610 Jun 10 j 02:32	0°♊	
desc. node	-8610 Jun 25 j 17:05	16°♊37'39	
evening max el	-8610 Jul 01 j 07:56	22°♊19'55	47°28'15
	-8610 Jul 09 j 05:43	0°♋	
greatest brilliancy	-8610 Aug 11 j 19:11	23°♋38'07	-4.9m
retrograde	-8610 Aug 21 j 01:48	25°♋16'26	
evening set	-8610 Sep 06 j 22:54	19°♋41'01	
inferior conj	-8610 Sep 10 j 16:54	17°♋23'53	-7°30'06
minimum elong	-8610 Sep 11 j 02:38	17°♋08'51	7°27'50
min. Earth dist.	-8610 Sep 10 j 09:24	17°♋35'28	0.26646 AU
morning rise	-8610 Sep 15 j 06:37	14°♋39'19	
direct	-8610 Sep 30 j 22:21	9°♋47'03	
greatest brilliancy	-8610 Oct 10 j 17:54	11°♋38'56	-4.9m
asc. node	-8610 Oct 15 j 21:19	13°♋54'56	
	-8610 Nov 06 j 22:07	0°♌	
morning max el	-8610 Nov 20 j 00:24	12°♌26'26	46°23'14
	-8610 Dec 06 j 21:20	0°♍	
	-8609 Jan 02 j 22:52	0°♎	
	-8609 Jan 29 j 01:42	0°♏	
desc. node	-8609 Feb 05 j 14:34	8°♏46'49	
	-8609 Feb 23 j 15:37	0°♐	
	-8609 Mar 20 j 18:48	0°♑	
	-8609 Apr 14 j 12:10	0°♒	
	-8609 May 08 j 21:01	0°♓	
morning set	-8609 May 16 j 17:40	9°♓45'33	
asc. node	-8609 May 28 j 11:41	24°♓24'29	
	-8609 Jun 01 j 23:00	0°♈	
max. Earth dist.	-8609 Jun 19 j 05:25	21°♈40'21	1.71354 AU
superior conj	-8609 Jun 22 j 14:45	25°♈56'11	0°54'05
minimum elong	-8609 Jun 22 j 05:37	25°♈27'27	0°53'55
	-8609 Jun 25 j 20:13	0°♉	
	-8609 Jul 19 j 15:11	0°♊	
evening rise	-8609 Jul 31 j 08:45	14°♊47'34	
	-8609 Aug 12 j 10:35	0°♋	
	-8609 Sep 05 j 08:48	0°♌	
desc. node	-8609 Sep 18 j 01:02	15°♌48'25	
	-8609 Sep 29 j 11:29	0°♍	
	-8609 Oct 23 j 19:56	0°♎	
	-8609 Nov 17 j 12:35	0°♏	
	-8609 Dec 12 j 19:32	0°♐	
asc. node	-8608 Jan 08 j 02:33	29°♐46'36	
	-8608 Jan 08 j 07:27	0°♑	
evening max el	-8608 Feb 02 j 21:24	26°♑19'32	44°55'59
	-8608 Feb 06 j 19:42	0°♒	
greatest brilliancy	-8608 Mar 11 j 13:07	23°♒15'19	-4.7m
retrograde	-8608 Mar 21 j 19:08	25°♒06'53	
evening set	-8608 Apr 06 j 11:23	20°♒32'44	
inferior conj	-8608 Apr 12 j 03:09	17°♒13'03	3°56'28
minimum elong	-8608 Apr 12 j 10:47	17°♒01'22	3°54'09
min. Earth dist.	-8608 Apr 13 j 07:22	16°♒29'50	0.28518 AU
morning rise	-8608 Apr 18 j 09:12	13°♒31'10	
desc. node	-8608 Apr 29 j 22:33	9°♒17'12	
direct	-8608 May 03 j 21:09	8°♒59'05	
greatest brilliancy	-8608 May 15 j 09:39	11°♒20'51	-4.8m
	-8608 Jun 11 j 17:29	0°♓	
morning max el	-8608 Jun 22 j 19:19	10°♓27'56	46°30'31
	-8608 Jul 11 j 09:32	0°♈	
	-8608 Aug 06 j 13:09	0°♉	
asc. node	-8608 Aug 20 j 00:58	16°♉10'12	
	-8608 Aug 31 j 09:19	0°♊	
	-8608 Sep 24 j 16:24	0°♋	
	-8608 Oct 18 j 20:14	0°♌	
	-8608 Nov 12 j 01:59	0°♍	
	-8608 Dec 06 j 11:12	0°♎	
desc. node	-8608 Dec 10 j 14:24	5°♎04'09	
morning set	-8608 Dec 29 j 03:38	27°♎47'53	
	-8608 Dec 30 j 22:48	0°♏	
	-8607 Jan 24 j 10:49	0°♐	
max. Earth dist.	-8607 Feb 03 j 16:10	12°♐31'48	1.73775 AU
superior conj	-8607 Feb 05 j 00:47	14°♐11'48	-1°21'26
minimum elong	-8607 Feb 05 j 00:44	14°♐11'40	1°21'58
	-8607 Feb 17 j 21:51	0°♑	
evening rise	-8607 Mar 12 j 19:52	28°♑09'37	
	-8607 Mar 14 j 07:47	0°♒	
asc. node	-8607 Apr 01 j 11:32	22°♒19'48	
	-8607 Apr 07 j 17:16	0°♓	
	-8607 May 02 j 03:14	0°♈	
	-8607 May 26 j 14:48	0°♉	
	-8607 Jun 20 j 05:52	0°♊	
	-8607 Jul 15 j 04:17	0°♋	
desc. node	-8607 Jul 23 j 03:47	9°♋28'21	
	-8607 Aug 09 j 18:00	0°♌	
	-8607 Sep 05 j 19:34	0°♍	
evening max el	-8607 Sep 11 j 02:10	5°♍28'35	47°30'10
	-8607 Oct 08 j 12:24	0°♎	
greatest brilliancy	-8607 Oct 21 j 15:50	7°♎26'00	-4.9m
retrograde	-8607 Nov 01 j 06:11	9°♎36'23	
asc. node	-8607 Nov 12 j 07:56	7°♎02'25	
evening set	-8607 Nov 16 j 02:59	5°♎05'38	
min. Earth dist.	-8607 Nov 21 j 10:32	1°♎49'47	0.27998 AU
inferior conj	-8607 Nov 22 j 06:56	1°♎16'59	2°21'41
minimum elong	-8607 Nov 22 j 02:10	1°♎24'38	2°20'23
	-8607 Nov 24 j 07:05	30°℞♍	
morning rise	-8607 Nov 28 j 02:14	27°♍42'12	
direct	-8607 Dec 13 j 03:02	23°♍10'37	
greatest brilliancy	-8607 Dec 22 j 01:22	24°♍39'47	-4.8m
	-8606 Jan 02 j 07:36	0°♎	
morning max el	-8606 Jan 30 j 21:35	23°♎09'48	45°57'33
	-8606 Feb 06 j 22:10	0°♏	
desc. node	-8606 Mar 05 j 02:46	27°♏27'48	
	-8606 Mar 07 j 10:18	0°♐	
	-8606 Apr 02 j 23:56	0°♑	
	-8606 Apr 28 j 12:16	0°♒	
	-8606 May 23 j 07:21	0°♓	
	-8606 Jun 16 j 14:02	0°♈	
asc. node	-8606 Jun 25 j 01:13	10°♈34'22	
	-8606 Jul 10 j 12:16	0°♉	
greatest brilliancy	-8606 Jul 15 j 19:58	6°♉42'39	-3.9m
morning set	-8606 Jul 26 j 21:34	20°♉41'43	
	-8606 Aug 03 j 05:59	0°♊	
	-8606 Aug 26 j 22:55	0°♋	
superior conj	-8606 Sep 05 j 15:28	12°♋14'13	1°14'18
minimum elong	-8606 Sep 06 j 01:00	12°♋44'17	1°14'38
max. Earth dist.	-8606 Sep 10 j 22:01	18°♋53'00	1.70932 AU

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8606 Sep 19 j 18:08	0°♌	
	-8606 Oct 13 j 17:27	0°♍	
desc. node	-8606 Oct 15 j 13:42	2°♍17'53	
evening rise	-8606 Oct 18 j 21:23	6°♍25'51	
	-8606 Nov 06 j 21:14	0°♎	
	-8606 Dec 01 j 05:20	0°♏	
	-8606 Dec 25 j 18:33	0°♐	
	-8605 Jan 19 j 15:46	0°♑	
asc. node	-8605 Feb 04 j 13:43	18°♑51'39	
	-8605 Feb 14 j 02:40	0°♒	
	-8605 Mar 12 j 13:12	0°♓	
	-8605 Apr 09 j 23:18	0°♈	
evening max el	-8605 Apr 15 j 23:26	5°♈51'02	45°44'57
	-8605 May 16 j 03:08	0°♉	
greatest brilliancy	-8605 May 25 j 11:01	4°♉19'58	-4.8m
desc. node	-8605 May 28 j 09:03	5°♉11'40	
retrograde	-8605 Jun 04 j 07:16	6°♉04'54	
evening set	-8605 Jun 19 j 14:58	1°♉38'52	
	-8605 Jun 22 j 13:37	30°℞♈	
inferior conj	-8605 Jun 25 j 03:30	28°♈28'47	-6°09'32
minimum elong	-8605 Jun 24 j 16:58	28°♈44'27	6°07'00
min. Earth dist.	-8605 Jun 25 j 03:30	28°♈28'47	0.26868 AU
morning rise	-8605 Jun 29 j 18:38	25°♈47'20	
direct	-8605 Jul 15 j 21:04	20°♈50'20	
greatest brilliancy	-8605 Jul 26 j 18:47	23°♈03'22	-4.9m
	-8605 Aug 08 j 08:15	0°♉	
morning max el	-8605 Sep 04 j 14:11	24°♉08'58	46°46'15
	-8605 Sep 10 j 05:02	0°♊	
asc. node	-8605 Sep 17 j 12:39	7°♊53'35	
	-8605 Oct 07 j 01:33	0°♋	
	-8605 Nov 01 j 11:46	0°♌	
	-8605 Nov 26 j 12:00	0°♍	
	-8605 Dec 21 j 10:18	0°♎	
desc. node	-8604 Jan 08 j 03:48	21°♎21'12	
	-8604 Jan 15 j 07:52	0°♏	
	-8604 Feb 09 j 03:09	0°♐	
	-8604 Mar 04 j 18:25	0°♑	
morning set	-8604 Mar 08 j 01:20	4°♑01'18	
	-8604 Mar 29 j 05:03	0°♒	
max. Earth dist.	-8604 Apr 08 j 09:33	12°♒34'03	1.73144 AU
superior conj	-8604 Apr 12 j 08:23	17°♒27'11	-0°37'18
minimum elong	-8604 Apr 12 j 14:49	17°♒47'02	0°37'26
	-8604 Apr 22 j 11:30	0°♓	
asc. node	-8604 Apr 29 j 00:34	8°♓07'12	
	-8604 May 16 j 14:44	0°♈	
evening rise	-8604 May 17 j 22:37	1°♈39'16	
	-8604 Jun 09 j 16:01	0°♉	
	-8604 Jul 03 j 17:00	0°♊	
	-8604 Jul 27 j 19:53	0°♋	
desc. node	-8604 Aug 19 j 15:07	28°♋08'45	
	-8604 Aug 21 j 03:22	0°♌	
	-8604 Sep 14 j 18:51	0°♍	
	-8604 Oct 10 j 00:34	0°♎	
	-8604 Nov 05 j 12:41	0°♏	
evening max el	-8604 Nov 20 j 16:23	15°♏50'46	45°54'42
	-8604 Dec 05 j 21:30	0°♐	
asc. node	-8604 Dec 09 j 18:24	3°♐11'39	
greatest brilliancy	-8604 Dec 28 j 20:48	15°♐01'07	-4.7m
retrograde	-8603 Jan 09 j 01:36	17°♐19'15	
evening set	-8603 Jan 26 j 12:37	11°♐24'39	
inferior conj	-8603 Jan 30 j 11:28	8°♐55'18	8°02'09
minimum elong	-8603 Jan 30 j 09:18	8°♐58'47	8°01'35
min. Earth dist.	-8603 Jan 30 j 13:09	8°♐52'37	0.29585 AU
morning rise	-8603 Feb 03 j 06:06	6°♐32'32	
direct	-8603 Feb 21 j 08:08	0°♐23'22	
greatest brilliancy	-8603 Mar 03 j 00:13	2°♐04'53	-4.7m
desc. node	-8603 Apr 01 j 13:56	21°♐19'10	
	-8603 Apr 11 j 01:49	0°♑	
morning max el	-8603 Apr 11 j 08:29	0°♑15'53	46°00'56
	-8603 May 10 j 00:30	0°♒	
	-8603 Jun 05 j 07:37	0°♓	
	-8603 Jun 30 j 08:40	0°♈	
asc. node	-8603 Jul 22 j 14:29	27°♈24'35	
	-8603 Jul 24 j 16:25	0°♉	
	-8603 Aug 17 j 14:40	0°♊	
	-8603 Sep 10 j 09:31	0°♋	
	-8603 Oct 04 j 05:38	0°♌	
morning set	-8603 Oct 12 j 03:20	9°♌54'18	
	-8603 Oct 28 j 05:40	0°♍	
desc. node	-8603 Nov 12 j 03:01	18°♍29'52	
	-8603 Nov 21 j 10:00	0°♎	
superior conj	-8603 Nov 23 j 06:09	2°♎16'30	-0°24'54
minimum elong	-8603 Nov 23 j 00:05	1°♎57'46	0°24'35
max. Earth dist.	-8603 Nov 27 j 10:24	7°♎26'15	1.72705 AU
	-8603 Dec 15 j 17:33	0°♏	
evening rise	-8602 Jan 01 j 20:42	21°♏04'15	
	-8602 Jan 09 j 03:15	0°♐	
	-8602 Feb 02 j 15:07	0°♑	
	-8602 Feb 27 j 06:33	0°♒	
asc. node	-8602 Mar 04 j 01:19	5°♒47'35	
	-8602 Mar 24 j 03:39	0°♓	
	-8602 Apr 18 j 08:53	0°♈	
	-8602 May 14 j 02:39	0°♉	
	-8602 Jun 09 j 20:39	0°♊	
desc. node	-8602 Jun 24 j 19:22	15°♊47'17	
evening max el	-8602 Jun 28 j 21:37	19°♊55'15	47°25'30
	-8602 Jul 09 j 10:07	0°♋	
greatest brilliancy	-8602 Aug 09 j 08:26	21°♋09'02	-4.9m
retrograde	-8602 Aug 18 j 14:08	22°♋46'11	
evening set	-8602 Sep 04 j 14:44	17°♋07'07	
inferior conj	-8602 Sep 08 j 05:29	14°♋54'47	-7°42'54
minimum elong	-8602 Sep 08 j 14:52	14°♋40'18	7°40'48
min. Earth dist.	-8602 Sep 07 j 22:18	15°♋05'53	0.26632 AU
morning rise	-8602 Sep 12 j 15:12	12°♋15'51	
direct	-8602 Sep 28 j 10:49	7°♋18'44	
greatest brilliancy	-8602 Oct 08 j 07:10	9°♋10'52	-4.9m
asc. node	-8602 Oct 14 j 23:33	12°♋16'25	
	-8602 Nov 07 j 03:48	0°♌	
morning max el	-8602 Nov 17 j 13:06	10°♌00'15	46°24'18
	-8602 Dec 06 j 15:31	0°♍	
	-8601 Jan 02 j 13:31	0°♎	
	-8601 Jan 28 j 14:39	0°♏	
desc. node	-8601 Feb 04 j 16:44	8°♏16'14	
	-8601 Feb 23 j 03:36	0°♐	
	-8601 Mar 20 j 06:13	0°♑	
	-8601 Apr 13 j 23:17	0°♒	
	-8601 May 08 j 07:59	0°♓	
morning set	-8601 May 14 j 11:52	7°♓38'54	
asc. node	-8601 May 27 j 13:57	23°♓57'26	
	-8601 Jun 01 j 09:55	0°♈	
max. Earth dist.	-8601 Jun 16 j 17:26	19°♈12'48	1.71411 AU
superior conj	-8601 Jun 20 j 06:34	23°♈40'30	0°51'29
minimum elong	-8601 Jun 19 j 21:39	23°♈12'26	0°51'18
	-8601 Jun 25 j 07:11	0°♉	
	-8601 Jul 19 j 02:15	0°♊	
evening rise	-8601 Jul 28 j 20:26	12°♊18'05	
	-8601 Aug 11 j 21:49	0°♋	
	-8601 Sep 04 j 20:12	0°♌	
desc. node	-8601 Sep 17 j 03:05	15°♌19'00	
	-8601 Sep 28 j 23:06	0°♍	
	-8601 Oct 23 j 07:51	0°♎	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8601 Nov 17 j 01:02	0°♏		
	-8601 Dec 12 j 09:05	0°♐		
asc. node	-8600 Jan 07 j 04:54	29°♐09'06		
	-8600 Jan 07 j 23:38	0°♑		
evening max el	-8600 Jan 31 j 11:30	24°♑05'20	44°56'17	
	-8600 Feb 06 j 20:44	0°♒		
greatest brilliancy	-8600 Mar 09 j 03:55	21°♒04'59	-4.7m	
retrograde	-8600 Mar 19 j 10:16	22°♒57'20		
evening set	-8600 Apr 04 j 05:05	18°♒19'03		
inferior conj	-8600 Apr 09 j 18:44	15°♒02'15	4°13'21	
minimum elong	-8600 Apr 10 j 02:43	14°♒50'01	4°10'58	
min. Earth dist.	-8600 Apr 10 j 23:28	14°♒18'13	0.28587 AU	
morning rise	-8600 Apr 15 j 23:21	11°♒22'02		
desc. node	-8600 Apr 29 j 00:49	6°♒54'00		
direct	-8600 May 01 j 12:43	6°♒46'45		
greatest brilliancy	-8600 May 13 j 02:00	9°♒08'55	-4.8m	
	-8600 Jun 11 j 20:42	0°♓		
morning max el	-8600 Jun 20 j 10:39	8°♓11'37	46°29'39	
	-8600 Jul 11 j 02:44	0°♈		
	-8600 Aug 06 j 03:23	0°♉		
asc. node	-8600 Aug 19 j 03:03	15°♉35'45		
	-8600 Aug 30 j 22:14	0°♊		
	-8600 Sep 24 j 04:37	0°♋		
	-8600 Oct 18 j 08:00	0°♌		
	-8600 Nov 11 j 13:26	0°♍		
	-8600 Dec 05 j 22:23	0°♎		
desc. node	-8600 Dec 09 j 16:35	4°♎36'39		
morning set	-8600 Dec 26 j 17:57	25°♎31'01		
	-8600 Dec 30 j 09:48	0°♏		
	-8599 Jan 23 j 21:40	0°♐		
max. Earth dist.	-8599 Feb 01 j 11:26	10°♐30'39	1.73768 AU	
superior conj	-8599 Feb 02 j 18:48	12°♐06'49	-1°21'23	
minimum elong	-8599 Feb 02 j 18:07	12°♐04'43	1°21'54	
	-8599 Feb 17 j 08:38	0°♑		
evening rise	-8599 Mar 10 j 15:19	26°♑08'38		
	-8599 Mar 13 j 18:37	0°♒		
asc. node	-8599 Mar 31 j 13:42	21°♒52'44		
	-8599 Apr 07 j 04:18	0°♓		
	-8599 May 01 j 14:39	0°♈		
	-8599 May 26 j 02:46	0°♉		
	-8599 Jun 19 j 18:34	0°♊		
	-8599 Jul 14 j 18:05	0°♋		
desc. node	-8599 Jul 22 j 05:57	8°♋52'38		
	-8599 Aug 09 j 09:44	0°♌		
	-8599 Sep 05 j 16:02	0°♍		
evening max el	-8599 Sep 08 j 17:13	3°♍08'44	47°32'30	
	-8599 Oct 09 j 13:19	0°♎		
greatest brilliancy	-8599 Oct 19 j 08:58	5°♎09'50	-4.9m	
retrograde	-8599 Oct 29 j 22:31	7°♎19'50		
asc. node	-8599 Nov 11 j 10:13	4°♎04'42		
evening set	-8599 Nov 13 j 18:28	2°♎49'34		
	-8599 Nov 18 j 09:52	30°℞♍		
min. Earth dist.	-8599 Nov 19 j 02:28	29°♍33'27	0.27931 AU	
inferior conj	-8599 Nov 19 j 22:45	29°♍00'56	2°02'01	
minimum elong	-8599 Nov 19 j 18:36	29°♍07'35	2°00'54	
morning rise	-8599 Nov 25 j 19:37	25°♍24'26		
direct	-8599 Dec 10 j 17:45	20°♍55'30		
greatest brilliancy	-8599 Dec 19 j 16:58	22°♍25'41	-4.8m	
	-8598 Jan 03 j 10:16	0°♎		
morning max el	-8598 Jan 28 j 13:43	20°♎59'50	45°58'02	
	-8598 Feb 06 j 18:10	0°♏		
desc. node	-8598 Mar 04 j 04:49	26°♏51'35		
	-8598 Mar 07 j 01:17	0°♐		
	-8598 Apr 02 j 12:55	0°♑		
	-8598 Apr 28 j 00:15	0°♒		
	-8598 May 22 j 18:49	0°♓		

	-8598 Jun 16 j 01:14	0°♈		
asc. node	-8598 Jun 24 j 03:24	10°♈06'18		
	-8598 Jul 09 j 23:24	0°♉		
greatest brilliancy	-8598 Jul 15 j 04:21	6°♉34'03	-3.9m	
morning set	-8598 Jul 24 j 09:49	18°♉13'36		
	-8598 Aug 02 j 17:06	0°♊		
	-8598 Aug 26 j 10:01	0°♋		
superior conj	-8598 Sep 03 j 00:36	9°♋36'29	1°16'00	
minimum elong	-8598 Sep 03 j 09:23	10°♋04'13	1°16'23	
max. Earth dist.	-8598 Sep 08 j 01:52	15°♋58'53	1.70895 AU	
	-8598 Sep 19 j 05:15	0°♌		
	-8598 Oct 13 j 04:34	0°♍		
desc. node	-8598 Oct 14 j 15:55	1°♍50'11		
evening rise	-8598 Oct 16 j 05:58	3°♍48'37		
	-8598 Nov 06 j 08:22	0°♎		
	-8598 Nov 30 j 16:35	0°♏		
	-8598 Dec 25 j 06:02	0°♐		
	-8597 Jan 19 j 03:49	0°♑		
asc. node	-8597 Feb 03 j 15:47	18°♑20'28		
	-8597 Feb 13 j 15:52	0°♒		
	-8597 Mar 12 j 04:48	0°♓		
	-8597 Apr 09 j 21:09	0°♈		
evening max el	-8597 Apr 13 j 14:12	3°♈35'01	45°41'52	
	-8597 May 18 j 05:09	0°♉		
greatest brilliancy	-8597 May 22 j 21:50	1°♉54'27	-4.8m	
desc. node	-8597 May 27 j 11:19	3°♉08'10		
retrograde	-8597 Jun 01 j 19:49	3°♉40'08		
	-8597 Jun 15 j 16:04	30°℞♈		
evening set	-8597 Jun 17 j 00:08	29°♈18'32		
inferior conj	-8597 Jun 22 j 15:50	26°♈03'57	-5°51'58	
minimum elong	-8597 Jun 22 j 05:24	26°♈19'27	5°49'22	
min. Earth dist.	-8597 Jun 22 j 16:21	26°♈03'11	0.26900 AU	
morning rise	-8597 Jun 27 j 10:24	23°♈17'45		
direct	-8597 Jul 13 j 10:52	18°♈24'56		
greatest brilliancy	-8597 Jul 24 j 08:11	20°♈37'43	-4.9m	
	-8597 Aug 09 j 06:03	0°♉		
morning max el	-8597 Sep 02 j 03:57	21°♉43'18	46°46'17	
	-8597 Sep 10 j 01:33	0°♊		
asc. node	-8597 Sep 16 j 14:50	7°♊07'50		
	-8597 Oct 06 j 17:16	0°♋		
	-8597 Nov 01 j 01:29	0°♌		
	-8597 Nov 26 j 00:36	0°♍		
	-8597 Dec 20 j 22:11	0°♎		
desc. node	-8596 Jan 07 j 05:55	20°♎52'53		
	-8596 Jan 14 j 19:16	0°♏		
	-8596 Feb 08 j 14:12	0°♐		
	-8596 Mar 04 j 05:16	0°♑		
morning set	-8596 Mar 05 j 20:28	1°♑59'49		
	-8596 Mar 28 j 15:50	0°♒		
max. Earth dist.	-8596 Apr 06 j 05:32	10°♒34'14	1.73189 AU	
superior conj	-8596 Apr 10 j 03:49	15°♒25'27	-0°39'54	
minimum elong	-8596 Apr 10 j 10:32	15°♒46'13	0°40'04	
	-8596 Apr 21 j 22:20	0°♓		
asc. node	-8596 Apr 28 j 02:47	7°♓40'28		
evening rise	-8596 May 15 j 17:01	29°♓32'55		
	-8596 May 16 j 01:42	0°♈		
	-8596 Jun 09 j 03:12	0°♉		
	-8596 Jul 03 j 04:29	0°♊		
	-8596 Jul 27 j 07:45	0°♋		
desc. node	-8596 Aug 18 j 17:10	27°♋37'10		
	-8596 Aug 20 j 15:45	0°♌		
	-8596 Sep 14 j 08:00	0°♍		
	-8596 Oct 09 j 15:03	0°♎		
	-8596 Nov 05 j 06:19	0°♏		
evening max el	-8596 Nov 18 j 08:43	13°♏38'31	45°58'04	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8596 Dec 06 j 04:23	0°♐	
asc. node	-8596 Dec 08 j 20:41	2°♐08'26	
greatest brilliancy	-8596 Dec 26 j 14:39	12°♐55'13	-4.7m
retrograde	-8595 Jan 06 j 19:01	15°♐13'03	
evening set	-8595 Jan 24 j 04:53	9°♐20'26	
inferior conj	-8595 Jan 28 j 04:59	6°♐48'49	7°59'53
minimum elong	-8595 Jan 28 j 02:11	6°♐53'19	7°59'17
min. Earth dist.	-8595 Jan 28 j 05:14	6°♐48'26	0.29566 AU
morning rise	-8595 Jan 31 j 23:37	4°♐25'41	
	-8595 Feb 09 j 18:06	30°℞♏	
direct	-8595 Feb 19 j 01:23	28°♏17'22	
greatest brilliancy	-8595 Feb 28 j 15:08	29°♏56'48	-4.7m
	-8595 Feb 28 j 18:57	0°♐	
desc. node	-8595 Mar 31 j 16:15	20°♐25'39	
morning max el	-8595 Apr 09 j 00:15	28°♐06'04	46°00'08
	-8595 Apr 10 j 23:40	0°♑	
	-8595 May 09 j 16:06	0°♒	
	-8595 Jun 04 j 21:04	0°♓	
	-8595 Jun 29 j 21:06	0°♈	
asc. node	-8595 Jul 21 j 16:34	26°♈53'56	
	-8595 Jul 24 j 04:18	0°♉	
	-8595 Aug 17 j 02:15	0°♊	
	-8595 Sep 09 j 20:57	0°♋	
	-8595 Oct 03 j 16:58	0°♌	
morning set	-8595 Oct 09 j 12:56	7°♌18'45	
	-8595 Oct 27 j 16:55	0°♍	
desc. node	-8595 Nov 11 j 05:10	18°♍01'53	
superior conj	-8595 Nov 20 j 17:19	29°♍48'09	-0°21'23
minimum elong	-8595 Nov 20 j 12:01	29°♍31'47	0°21'03
	-8595 Nov 20 j 21:09	0°♎	
max. Earth dist.	-8595 Nov 25 j 04:36	5°♎19'46	1.72642 AU
	-8595 Dec 15 j 04:37	0°♏	
evening rise	-8595 Dec 30 j 12:23	18°♏51'01	
	-8594 Jan 08 j 14:17	0°♐	
	-8594 Feb 02 j 02:17	0°♑	
	-8594 Feb 26 j 18:04	0°♒	
asc. node	-8594 Mar 03 j 03:32	5°♒19'13	
	-8594 Mar 23 j 15:47	0°♓	
	-8594 Apr 17 j 22:05	0°♈	
	-8594 May 13 j 17:40	0°♉	
	-8594 Jun 09 j 15:21	0°♊	
desc. node	-8594 Jun 23 j 21:33	14°♊55'16	
evening max el	-8594 Jun 26 j 10:18	17°♊27'43	47°22'46
	-8594 Jul 09 j 16:40	0°♋	
greatest brilliancy	-8594 Aug 06 j 22:05	18°♋39'54	-4.9m
retrograde	-8594 Aug 16 j 02:02	20°♋15'34	
evening set	-8594 Sep 02 j 06:23	14°♋32'52	
inferior conj	-8594 Sep 05 j 18:01	12°♋25'21	-7°54'46
minimum elong	-8594 Sep 06 j 02:56	12°♋11'35	7°52'52
min. Earth dist.	-8594 Sep 05 j 11:22	12°♋35'37	0.26618 AU
morning rise	-8594 Sep 09 j 23:38	9°♋52'14	
direct	-8594 Sep 25 j 22:46	4°♋49'47	
greatest brilliancy	-8594 Oct 05 j 20:51	6°♋42'58	-4.9m
asc. node	-8594 Oct 14 j 01:55	10°♋41'25	
	-8594 Nov 07 j 07:42	0°♌	
morning max el	-8594 Nov 15 j 01:29	7°♌32'49	46°25'21
	-8594 Dec 06 j 09:22	0°♍	
	-8593 Jan 02 j 04:06	0°♎	
	-8593 Jan 28 j 03:37	0°♏	
desc. node	-8593 Feb 03 j 18:43	7°♏44'53	
	-8593 Feb 22 j 15:39	0°♐	
	-8593 Mar 19 j 17:43	0°♑	
	-8593 Apr 13 j 10:29	0°♒	
	-8593 May 07 j 19:03	0°♓	
morning set	-8593 May 12 j 06:06	5°♓32'03	
asc. node	-8593 May 26 j 16:06	23°♓29'38	
	-8593 May 31 j 21:00	0°♈	
max. Earth dist.	-8593 Jun 14 j 07:22	16°♈50'45	1.71474 AU
superior conj	-8593 Jun 17 j 22:18	21°♈23'57	0°48'47
minimum elong	-8593 Jun 17 j 13:39	20°♈56'46	0°48'36
	-8593 Jun 24 j 18:21	0°♉	
	-8593 Jul 18 j 13:34	0°♊	
evening rise	-8593 Jul 26 j 08:04	9°♊47'44	
	-8593 Aug 11 j 09:17	0°♋	
	-8593 Sep 04 j 07:50	0°♌	
desc. node	-8593 Sep 16 j 05:18	14°♌49'30	
	-8593 Sep 28 j 10:55	0°♍	
	-8593 Oct 22 j 19:58	0°♎	
	-8593 Nov 16 j 13:44	0°♏	
	-8593 Dec 11 j 22:59	0°♐	
asc. node	-8592 Jan 06 j 07:03	28°♐30'03	
	-8592 Jan 07 j 16:21	0°♑	
evening max el	-8592 Jan 29 j 02:13	21°♑52'04	44°56'46
	-8592 Feb 06 j 23:26	0°♒	
greatest brilliancy	-8592 Mar 06 j 18:10	18°♒53'45	-4.7m
retrograde	-8592 Mar 17 j 01:57	20°♒47'33	
evening set	-8592 Apr 01 j 22:54	16°♒05'02	
inferior conj	-8592 Apr 07 j 10:23	12°♒51'08	4°29'36
minimum elong	-8592 Apr 07 j 18:40	12°♒38'26	4°27'12
min. Earth dist.	-8592 Apr 08 j 15:17	12°♒06'51	0.28656 AU
morning rise	-8592 Apr 13 j 13:27	9°♒12'58	
desc. node	-8592 Apr 28 j 03:00	4°♒35'32	
direct	-8592 Apr 29 j 04:44	4°♒34'12	
greatest brilliancy	-8592 May 10 j 18:01	6°♒56'30	-4.8m
	-8592 Jun 11 j 22:40	0°♓	
morning max el	-8592 Jun 18 j 02:46	5°♓56'57	46°28'36
	-8592 Jul 10 j 19:51	0°♈	
	-8592 Aug 05 j 17:48	0°♉	
asc. node	-8592 Aug 18 j 05:14	15°♉00'52	
	-8592 Aug 30 j 11:26	0°♊	
	-8592 Sep 23 j 17:08	0°♋	
	-8592 Oct 17 j 20:04	0°♌	
	-8592 Nov 11 j 01:09	0°♍	
	-8592 Dec 05 j 09:50	0°♎	
desc. node	-8592 Dec 08 j 18:37	4°♎07'53	
morning set	-8592 Dec 24 j 07:56	23°♎12'14	
	-8592 Dec 29 j 21:03	0°♏	
	-8591 Jan 23 j 08:47	0°♐	
max. Earth dist.	-8591 Jan 30 j 07:54	8°♐32'16	1.73760 AU
superior conj	-8591 Jan 31 j 12:38	10°♐00'20	-1°21'14
minimum elong	-8591 Jan 31 j 11:18	9°♐56'16	1°21'44
	-8591 Feb 16 j 19:43	0°♑	
evening rise	-8591 Mar 08 j 10:46	24°♑06'48	
	-8591 Mar 13 j 05:45	0°♒	
asc. node	-8591 Mar 30 j 15:59	21°♒25'07	
	-8591 Apr 06 j 15:38	0°♓	
	-8591 May 01 j 02:21	0°♈	
	-8591 May 25 j 15:01	0°♉	
	-8591 Jun 19 j 07:37	0°♊	
	-8591 Jul 14 j 08:19	0°♋	
desc. node	-8591 Jul 21 j 08:03	8°♋15'25	
	-8591 Aug 09 j 02:08	0°♌	
	-8591 Sep 05 j 13:45	0°♍	
evening max el	-8591 Sep 06 j 09:14	0°♍49'54	47°34'38
	-8591 Oct 11 j 01:56	0°♎	
greatest brilliancy	-8591 Oct 17 j 01:33	2°♎50'55	-4.9m
retrograde	-8591 Oct 27 j 15:01	5°♎00'42	
asc. node	-8591 Nov 10 j 12:26	1°♎00'30	
evening set	-8591 Nov 11 j 09:49	0°♎30'51	
	-8591 Nov 12 j 07:15	30°℞♍	
min. Earth dist.	-8591 Nov 16 j 17:54	27°♍14'53	0.27862 AU

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

inferior conj	-8591 Nov 17 j 14:14	26°♍42'20	1°41'54
minimum elong	-8591 Nov 17 j 10:44	26°♍47'57	1°40'57
morning rise	-8591 Nov 23 j 12:35	23°♍04'22	
direct	-8591 Dec 08 j 08:30	18°♍38'04	
greatest brilliancy	-8591 Dec 17 j 07:46	20°♍08'47	-4.8m
	-8590 Jan 04 j 06:35	0°♎	
morning max el	-8590 Jan 26 j 06:07	18°♎49'18	45°58'32
	-8590 Feb 06 j 14:00	0°♏	
desc. node	-8590 Mar 03 j 07:06	26°♏15'22	
	-8590 Mar 06 j 16:26	0°♐	
	-8590 Apr 02 j 02:09	0°♑	
	-8590 Apr 27 j 12:31	0°♒	
	-8590 May 22 j 06:33	0°♓	
	-8590 Jun 15 j 12:43	0°♈	
asc. node	-8590 Jun 23 j 05:28	9°♈37'01	
	-8590 Jul 09 j 10:47	0°♉	
greatest brilliancy	-8590 Jul 14 j 09:22	6°♉14'02	-3.9m
morning set	-8590 Jul 21 j 22:29	15°♉46'00	
	-8590 Aug 02 j 04:28	0°♊	
	-8590 Aug 25 j 21:25	0°♋	
superior conj	-8590 Aug 31 j 09:53	6°♋58'15	1°17'31
minimum elong	-8590 Aug 31 j 17:51	7°♋23'25	1°17'57
max. Earth dist.	-8590 Sep 05 j 08:08	13°♋11'19	1.70865 AU
	-8590 Sep 18 j 16:42	0°♌	
	-8590 Oct 12 j 16:03	0°♍	
evening rise	-8590 Oct 13 j 14:02	1°♍08'30	
desc. node	-8590 Oct 13 j 18:04	1°♍21'04	
	-8590 Nov 05 j 19:55	0°♎	
	-8590 Nov 30 j 04:13	0°♏	
	-8590 Dec 24 j 17:56	0°♐	
	-8589 Jan 18 j 16:17	0°♑	
asc. node	-8589 Feb 02 j 18:02	17°♑48'35	
	-8589 Feb 13 j 05:33	0°♒	
	-8589 Mar 11 j 21:04	0°♓	
	-8589 Apr 09 j 20:22	0°♈	
evening max el	-8589 Apr 11 j 04:55	1°♈17'54	45°38'45
greatest brilliancy	-8589 May 20 j 09:22	29°♈29'01	-4.8m
	-8589 May 22 j 00:41	0°♉	
desc. node	-8589 May 26 j 13:30	0°♉58'46	
retrograde	-8589 May 30 j 07:53	1°♉14'39	
	-8589 Jun 07 j 07:37	30°℞♈	
evening set	-8589 Jun 14 j 09:35	26°♈57'27	
inferior conj	-8589 Jun 20 j 04:13	23°♈38'40	-5°33'51
minimum elong	-8589 Jun 19 j 17:59	23°♈53'55	5°31'14
min. Earth dist.	-8589 Jun 20 j 05:36	23°♈36'36	0.26929 AU
morning rise	-8589 Jun 25 j 02:04	20°♈47'41	
direct	-8589 Jul 11 j 00:25	15°♈59'08	
greatest brilliancy	-8589 Jul 21 j 21:51	18°♈11'43	-4.9m
	-8589 Aug 09 j 22:34	0°♉	
morning max el	-8589 Aug 30 j 16:42	19°♉14'25	46°46'18
	-8589 Sep 09 j 21:40	0°♊	
asc. node	-8589 Sep 15 j 17:11	6°♊22'34	
	-8589 Oct 06 j 09:01	0°♋	
	-8589 Oct 31 j 15:22	0°♌	
	-8589 Nov 25 j 13:29	0°♍	
	-8589 Dec 20 j 10:24	0°♎	
desc. node	-8588 Jan 06 j 07:58	20°♎23'21	
	-8588 Jan 14 j 06:59	0°♏	
	-8588 Feb 08 j 01:33	0°♐	
morning set	-8588 Mar 03 j 15:18	29°♐56'38	
	-8588 Mar 03 j 16:24	0°♑	
	-8588 Mar 28 j 02:54	0°♒	
max. Earth dist.	-8588 Apr 04 j 00:27	8°♒30'20	1.73235 AU
superior conj	-8588 Apr 07 j 23:11	13°♒22'46	-0°42'27
minimum elong	-8588 Apr 08 j 06:11	13°♒44'23	0°42'38
	-8588 Apr 21 j 09:27	0°♓	
asc. node	-8588 Apr 27 j 04:54	7°♓12'27	
evening rise	-8588 May 13 j 11:31	27°♓26'02	
	-8588 May 15 j 12:59	0°♈	
	-8588 Jun 08 j 14:42	0°♉	
	-8588 Jul 02 j 16:15	0°♊	
	-8588 Jul 26 j 19:53	0°♋	
desc. node	-8588 Aug 17 j 19:29	27°♋05'42	
	-8588 Aug 20 j 04:22	0°♌	
	-8588 Sep 13 j 21:23	0°♍	
	-8588 Oct 09 j 05:51	0°♎	
	-8588 Nov 05 j 00:34	0°♏	
evening max el	-8588 Nov 16 j 00:16	11°♏23'25	46°01'18
	-8588 Dec 06 j 14:22	0°♐	
asc. node	-8588 Dec 07 j 22:51	1°♐02'31	
greatest brilliancy	-8588 Dec 24 j 08:46	10°♐48'26	-4.8m
retrograde	-8587 Jan 04 j 12:09	13°♐05'53	
evening set	-8587 Jan 21 j 20:56	7°♐15'31	
inferior conj	-8587 Jan 25 j 22:31	4°♐41'25	7°56'59
minimum elong	-8587 Jan 25 j 19:06	4°♐46'55	7°56'20
min. Earth dist.	-8587 Jan 25 j 21:40	4°♐42'48	0.29545 AU
morning rise	-8587 Jan 29 j 17:23	2°♐17'36	
	-8587 Feb 02 j 17:26	30°℞♏	
direct	-8587 Feb 16 j 18:08	26°♏10'24	
greatest brilliancy	-8587 Feb 26 j 06:44	27°♏48'31	-4.7m
	-8587 Mar 03 j 16:12	0°♐	
desc. node	-8587 Mar 30 j 18:25	19°♐32'08	
morning max el	-8587 Apr 06 j 15:29	25°♐54'17	45°59'26
	-8587 Apr 10 j 21:01	0°♑	
	-8587 May 09 j 07:42	0°♒	
	-8587 Jun 04 j 10:35	0°♓	
	-8587 Jun 29 j 09:39	0°♈	
asc. node	-8587 Jul 20 j 18:43	26°♈23'03	
	-8587 Jul 23 j 16:21	0°♉	
	-8587 Aug 16 j 14:00	0°♊	
	-8587 Sep 09 j 08:30	0°♋	
	-8587 Oct 03 j 04:24	0°♌	
morning set	-8587 Oct 06 j 22:54	4°♌43'53	
	-8587 Oct 27 j 04:14	0°♍	
desc. node	-8587 Nov 10 j 07:12	17°♍33'20	
superior conj	-8587 Nov 18 j 04:39	27°♍20'06	-0°17'49
minimum elong	-8587 Nov 18 j 00:11	27°♍06'15	0°17'31
	-8587 Nov 20 j 08:21	0°♎	
max. Earth dist.	-8587 Nov 22 j 21:37	3°♎09'24	1.72579 AU
	-8587 Dec 14 j 15:45	0°♏	
evening rise	-8587 Dec 28 j 03:59	16°♏37'11	
	-8586 Jan 08 j 01:27	0°♐	
	-8586 Feb 01 j 13:36	0°♑	
	-8586 Feb 26 j 05:43	0°♒	
asc. node	-8586 Mar 02 j 05:48	4°♒50'36	
	-8586 Mar 23 j 04:04	0°♓	
	-8586 Apr 17 j 11:28	0°♈	
	-8586 May 13 j 08:58	0°♉	
	-8586 Jun 09 j 10:40	0°♊	
desc. node	-8586 Jun 22 j 23:43	14°♊01'54	
evening max el	-8586 Jun 23 j 22:23	14°♊58'26	47°19'52
	-8586 Jul 10 j 01:48	0°♋	
greatest brilliancy	-8586 Aug 04 j 11:36	16°♋10'03	-4.9m
retrograde	-8586 Aug 13 j 13:53	17°♋44'38	
evening set	-8586 Aug 30 j 21:45	11°♋58'08	
inferior conj	-8586 Sep 03 j 06:24	9°♋55'27	-8°05'48
minimum elong	-8586 Sep 03 j 14:49	9°♋42'30	8°04'05
min. Earth dist.	-8586 Sep 03 j 00:22	10°♋04'45	0.26606 AU
morning rise	-8586 Sep 07 j 07:57	7°♋28'24	
direct	-8586 Sep 23 j 10:29	2°♋20'07	
greatest brilliancy	-8586 Oct 03 j 10:35	4°♋14'52	-4.9m

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

asc. node	-8586 Oct 13 j 04:01	9°♋09'18		
	-8586 Nov 07 j 10:00	0°♌		
morning max el	-8586 Nov 12 j 14:29	5°♌06'47	46°26'41	
	-8586 Dec 06 j 02:45	0°♍		
	-8585 Jan 01 j 18:26	0°♎		
	-8585 Jan 27 j 16:27	0°♏		
desc. node	-8585 Feb 02 j 20:59	7°♏14'39		
	-8585 Feb 22 j 03:38	0°♐		
	-8585 Mar 19 j 05:12	0°♑		
	-8585 Apr 12 j 21:40	0°♒		
	-8585 May 07 j 06:06	0°♓		
morning set	-8585 May 10 j 00:23	3°♓25'33		
asc. node	-8585 May 25 j 18:10	23°♓01'42		
	-8585 May 31 j 08:01	0°♈		
max. Earth dist.	-8585 Jun 11 j 22:51	14°♈33'53	1.71536 AU	
superior conj	-8585 Jun 15 j 14:05	19°♈07'51	0°46'02	
minimum elong	-8585 Jun 15 j 05:46	18°♈41'44	0°45'49	
	-8585 Jun 24 j 05:27	0°♉		
	-8585 Jul 18 j 00:50	0°♊		
evening rise	-8585 Jul 23 j 19:59	7°♊18'29		
	-8585 Aug 10 j 20:43	0°♋		
	-8585 Sep 03 j 19:26	0°♌		
desc. node	-8585 Sep 15 j 07:27	14°♌19'49		
	-8585 Sep 27 j 22:42	0°♍		
	-8585 Oct 22 j 08:02	0°♎		
	-8585 Nov 16 j 02:21	0°♏		
	-8585 Dec 11 j 12:48	0°♐		
asc. node	-8584 Jan 05 j 09:17	27°♐51'30		
	-8584 Jan 07 j 09:08	0°♑		
evening max el	-8584 Jan 26 j 17:50	19°♑41'40	44°57'17	
	-8584 Feb 07 j 03:30	0°♒		
greatest brilliancy	-8584 Mar 04 j 08:12	16°♒43'10	-4.7m	
retrograde	-8584 Mar 14 j 17:58	18°♒38'35		
evening set	-8584 Mar 30 j 16:58	13°♒51'57		
inferior conj	-8584 Apr 05 j 02:10	10°♒40'47	4°45'24	
minimum elong	-8584 Apr 05 j 10:41	10°♒27'43	4°42'59	
min. Earth dist.	-8584 Apr 06 j 06:48	9°♒56'53	0.28725 AU	
morning rise	-8584 Apr 11 j 03:35	7°♒04'55		
direct	-8584 Apr 26 j 21:29	2°♒22'38		
desc. node	-8584 Apr 27 j 05:08	2°♒22'45		
greatest brilliancy	-8584 May 08 j 09:36	4°♒44'21	-4.8m	
	-8584 Jun 11 j 23:09	0°♓		
morning max el	-8584 Jun 15 j 19:28	3°♓44'28	46°27'28	
	-8584 Jul 10 j 12:29	0°♈		
	-8584 Aug 05 j 07:54	0°♉		
asc. node	-8584 Aug 17 j 07:31	14°♉27'04		
	-8584 Aug 30 j 00:22	0°♊		
	-8584 Sep 23 j 05:25	0°♋		
	-8584 Oct 17 j 07:55	0°♌		
	-8584 Nov 10 j 12:40	0°♍		
	-8584 Dec 04 j 21:05	0°♎		
desc. node	-8584 Dec 07 j 20:44	3°♎39'58		
morning set	-8584 Dec 21 j 22:02	20°♎54'23		
	-8584 Dec 29 j 08:04	0°♏		
	-8583 Jan 22 j 19:38	0°♐		
max. Earth dist.	-8583 Jan 28 j 06:42	6°♐41'48	1.73749 AU	
superior conj	-8583 Jan 29 j 06:34	7°♐55'00	-1°20'58	
minimum elong	-8583 Jan 29 j 04:35	7°♐48'54	1°21'26	
	-8583 Feb 16 j 06:30	0°♑		
evening rise	-8583 Mar 06 j 06:26	22°♑06'28		
greatest brilliancy	-8583 Mar 06 j 14:09	22°♑30'11	-3.9m	
	-8583 Mar 12 j 16:37	0°♒		
asc. node	-8583 Mar 29 j 18:03	20°♒57'35		
	-8583 Apr 06 j 02:45	0°♓		
	-8583 Apr 30 j 13:52	0°♈		
	-8583 May 25 j 03:07	0°♉		
	-8583 Jun 18 j 20:30	0°♊		
	-8583 Jul 13 j 22:26	0°♋		
desc. node	-8583 Jul 20 j 10:21	7°♋39'16		
	-8583 Aug 08 j 18:31	0°♌		
evening max el	-8583 Sep 04 j 01:58	28°♌33'32	47°36'35	
	-8583 Sep 05 j 11:59	0°♍		
	-8583 Oct 13 j 10:21	0°♎		
greatest brilliancy	-8583 Oct 14 j 18:05	0°♎32'25	-4.9m	
retrograde	-8583 Oct 25 j 07:25	2°♎41'38		
	-8583 Nov 05 j 14:10	30°℞♍		
evening set	-8583 Nov 09 j 01:17	28°♍12'20		
asc. node	-8583 Nov 09 j 14:40	27°♍53'11		
min. Earth dist.	-8583 Nov 14 j 09:13	24°♍56'34	0.27790 AU	
inferior conj	-8583 Nov 15 j 05:35	24°♍23'59	1°21'19	
minimum elong	-8583 Nov 15 j 02:46	24°♍28'30	1°20'36	
morning rise	-8583 Nov 21 j 05:17	20°♍44'38		
direct	-8583 Dec 05 j 23:31	16°♍21'04		
greatest brilliancy	-8583 Dec 14 j 22:18	17°♍51'53	-4.8m	
	-8582 Jan 04 j 21:24	0°♎		
morning max el	-8582 Jan 23 j 22:16	16°♎38'59	45°59'11	
	-8582 Feb 06 j 08:55	0°♏		
desc. node	-8582 Mar 02 j 09:14	25°♏40'08		
	-8582 Mar 06 j 07:00	0°♐		
	-8582 Apr 01 j 14:54	0°♑		
	-8582 Apr 27 j 00:22	0°♒		
	-8582 May 21 j 17:57	0°♓		
	-8582 Jun 14 j 23:55	0°♈		
asc. node	-8582 Jun 22 j 07:41	9°♈09'03		
	-8582 Jul 08 j 21:55	0°♉		
greatest brilliancy	-8582 Jul 13 j 13:24	5°♉51'37	-3.9m	
morning set	-8582 Jul 19 j 11:12	13°♉19'25		
	-8582 Aug 01 j 15:35	0°♊		
	-8582 Aug 25 j 08:33	0°♋		
superior conj	-8582 Aug 28 j 19:14	4°♋21'08	1°18'53	
minimum elong	-8582 Aug 29 j 02:20	4°♋43'31	1°19'20	
max. Earth dist.	-8582 Sep 02 j 13:42	10°♋22'18	1.70834 AU	
	-8582 Sep 18 j 03:51	0°♌		
evening rise	-8582 Oct 10 j 21:51	28°♌28'19		
	-8582 Oct 12 j 03:16	0°♍		
desc. node	-8582 Oct 12 j 20:05	0°♍52'25		
	-8582 Nov 05 j 07:11	0°♎		
	-8582 Nov 29 j 15:35	0°♏		
	-8582 Dec 24 j 05:33	0°♐		
	-8581 Jan 18 j 04:29	0°♑		
asc. node	-8581 Feb 01 j 20:22	17°♑17'56		
	-8581 Feb 12 j 18:57	0°♒		
	-8581 Mar 11 j 13:08	0°♓		
evening max el	-8581 Apr 08 j 18:55	29°♓00'31	45°35'38	
	-8581 Apr 09 j 20:01	0°♈		
greatest brilliancy	-8581 May 17 j 21:25	27°♈05'48	-4.8m	
desc. node	-8581 May 25 j 15:40	28°♈45'42		
retrograde	-8581 May 27 j 19:28	28°♈50'57		
evening set	-8581 Jun 11 j 19:23	24°♈37'37		
inferior conj	-8581 Jun 17 j 16:46	21°♈15'06	-5°15'10	
minimum elong	-8581 Jun 17 j 06:48	21°♈29'57	5°12'34	
min. Earth dist.	-8581 Jun 17 j 19:24	21°♈11'09	0.26967 AU	
morning rise	-8581 Jun 22 j 17:50	18°♈19'19		
direct	-8581 Jul 08 j 13:40	13°♈34'44		
greatest brilliancy	-8581 Jul 19 j 12:27	15°♈47'56	-4.9m	
	-8581 Aug 10 j 10:37	0°♉		
morning max el	-8581 Aug 28 j 04:37	16°♉44'02	46°46'14	
	-8581 Sep 09 j 16:58	0°♊		
asc. node	-8581 Sep 14 j 19:17	5°♊37'53		
	-8581 Oct 06 j 00:18	0°♋		
	-8581 Oct 31 j 04:54	0°♌		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8581 Nov 25 j 02:01	0°♍	
	-8581 Dec 19 j 22:16	0°♎	
desc. node	-8580 Jan 05 j 10:10	19°♎55'14	
	-8580 Jan 13 j 18:22	0°♏	
	-8580 Feb 07 j 12:36	0°♐	
morning set	-8580 Mar 01 j 10:13	27°♐54'39	
	-8580 Mar 03 j 03:13	0°♑	
	-8580 Mar 27 j 13:37	0°♒	
max. Earth dist.	-8580 Apr 01 j 19:44	6°♒28'43	1.73276 AU
superior conj	-8580 Apr 05 j 18:53	11°♒22'20	-0°44'57
minimum elong	-8580 Apr 06 j 02:07	11°♒44'40	0°45'06
	-8580 Apr 20 j 20:12	0°♓	
asc. node	-8580 Apr 26 j 07:03	6°♓45'41	
evening rise	-8580 May 11 j 06:27	25°♓21'49	
	-8580 May 14 j 23:53	0°♈	
	-8580 Jun 08 j 01:51	0°♉	
	-8580 Jul 02 j 03:44	0°♊	
	-8580 Jul 26 j 07:47	0°♋	
desc. node	-8580 Aug 16 j 21:35	26°♋34'11	
	-8580 Aug 19 j 16:49	0°♌	
	-8580 Sep 13 j 10:38	0°♍	
	-8580 Oct 08 j 20:36	0°♎	
	-8580 Nov 04 j 19:02	0°♏	
evening max el	-8580 Nov 13 j 14:53	9°♏06'25	46°04'43
asc. node	-8580 Dec 07 j 01:09	29°♏55'43	
	-8580 Dec 07 j 03:29	0°♐	
greatest brilliancy	-8580 Dec 22 j 02:33	8°♐41'36	-4.8m
retrograde	-8579 Jan 02 j 05:17	10°♐59'13	
evening set	-8579 Jan 19 j 12:41	5°♐11'05	
inferior conj	-8579 Jan 23 j 15:58	2°♐34'25	7°53'28
minimum elong	-8579 Jan 23 j 11:57	2°♐40'52	7°52'44
min. Earth dist.	-8579 Jan 23 j 14:10	2°♐37'19	0.29521 AU
morning rise	-8579 Jan 27 j 11:18	0°♐09'41	
	-8579 Jan 27 j 17:38	30°℞♏	
direct	-8579 Feb 14 j 10:25	24°♏03'39	
greatest brilliancy	-8579 Feb 23 j 22:48	25°♏41'15	-4.7m
	-8579 Mar 05 j 09:41	0°♐	
desc. node	-8579 Mar 29 j 20:30	18°♐40'14	
morning max el	-8579 Apr 04 j 06:56	23°♐43'50	45°59'00
	-8579 Apr 10 j 17:21	0°♑	
	-8579 May 08 j 22:44	0°♒	
	-8579 Jun 03 j 23:40	0°♓	
	-8579 Jun 28 j 21:49	0°♈	
asc. node	-8579 Jul 19 j 20:59	25°♈53'37	
	-8579 Jul 23 j 04:02	0°♉	
	-8579 Aug 16 j 01:27	0°♊	
	-8579 Sep 08 j 19:50	0°♋	
	-8579 Oct 02 j 15:40	0°♌	
morning set	-8579 Oct 04 j 08:19	2°♌07'36	
	-8579 Oct 26 j 15:24	0°♍	
desc. node	-8579 Nov 09 j 09:22	17°♍05'37	
superior conj	-8579 Nov 15 j 15:13	24°♍50'00	-0°14'09
minimum elong	-8579 Nov 15 j 11:37	24°♍38'51	0°13'52
behind sun begin	-8579 Nov 14 j 21:48	23°♍56'03	
behind sun end	-8579 Nov 16 j 01:27	25°♍21'38	
	-8579 Nov 19 j 19:25	0°♎	
max. Earth dist.	-8579 Nov 20 j 11:34	0°♎49'57	1.72513 AU
	-8579 Dec 14 j 02:45	0°♏	
evening rise	-8579 Dec 25 j 18:58	14°♏21'53	
	-8578 Jan 07 j 12:28	0°♐	
	-8578 Feb 01 j 00:47	0°♑	
	-8578 Feb 25 j 17:15	0°♒	
asc. node	-8578 Mar 01 j 07:54	4°♒21'49	
	-8578 Mar 22 j 16:15	0°♓	
	-8578 Apr 17 j 00:45	0°♈	
	-8578 May 13 j 00:12	0°♉	
	-8578 Jun 09 j 06:08	0°♊	
evening max el	-8578 Jun 21 j 10:36	12°♊30'47	47°17'01
desc. node	-8578 Jun 22 j 02:01	13°♊08'58	
	-8578 Jul 10 j 13:23	0°♋	
greatest brilliancy	-8578 Aug 02 j 00:16	13°♋40'21	-4.9m
retrograde	-8578 Aug 11 j 02:07	15°♋14'48	
evening set	-8578 Aug 28 j 12:55	9°♋24'20	
inferior conj	-8578 Aug 31 j 18:48	7°♋26'13	-8°15'44
minimum elong	-8578 Sep 01 j 02:38	7°♋14'12	8°14'11
min. Earth dist.	-8578 Aug 31 j 12:59	7°♋35'08	0.26602 AU
morning rise	-8578 Sep 04 j 16:23	5°♋05'19	
	-8578 Sep 18 j 06:01	30°℞♊	
direct	-8578 Sep 20 j 22:40	29°♊50'56	
	-8578 Sep 23 j 16:13	0°♋	
greatest brilliancy	-8578 Oct 01 j 00:09	1°♋47'09	-4.9m
asc. node	-8578 Oct 12 j 06:17	7°♋41'10	
	-8578 Nov 07 j 10:53	0°♌	
morning max el	-8578 Nov 10 j 04:27	2°♌43'11	46°27'45
	-8578 Dec 05 j 19:47	0°♍	
	-8577 Jan 01 j 08:37	0°♎	
	-8577 Jan 27 j 05:11	0°♏	
desc. node	-8577 Feb 01 j 23:06	6°♏44'13	
	-8577 Feb 21 j 15:31	0°♐	
	-8577 Mar 18 j 16:35	0°♑	
	-8577 Apr 12 j 08:46	0°♒	
	-8577 May 06 j 17:04	0°♓	
morning set	-8577 May 07 j 18:49	1°♓19'50	
asc. node	-8577 May 24 j 20:24	22°♓34'28	
	-8577 May 30 j 18:58	0°♈	
max. Earth dist.	-8577 Jun 09 j 13:37	12°♈15'07	1.71590 AU
superior conj	-8577 Jun 13 j 06:16	16°♈53'23	0°43'14
minimum elong	-8577 Jun 12 j 22:19	16°♈28'26	0°42'59
	-8577 Jun 23 j 16:29	0°♉	
	-8577 Jul 17 j 11:58	0°♊	
evening rise	-8577 Jul 21 j 08:32	4°♊51'40	
	-8577 Aug 10 j 08:00	0°♋	
	-8577 Sep 03 j 06:53	0°♌	
desc. node	-8577 Sep 14 j 09:30	13°♌50'14	
	-8577 Sep 27 j 10:23	0°♍	
	-8577 Oct 21 j 20:06	0°♎	
	-8577 Nov 15 j 15:04	0°♏	
	-8577 Dec 11 j 02:49	0°♐	
asc. node	-8576 Jan 04 j 11:38	27°♐12'33	
	-8576 Jan 07 j 02:24	0°♑	
evening max el	-8576 Jan 24 j 09:50	17°♑31'44	44°57'57
	-8576 Feb 07 j 09:45	0°♒	
greatest brilliancy	-8576 Mar 01 j 22:35	14°♒32'37	-4.7m
retrograde	-8576 Mar 12 j 09:50	16°♒28'59	
evening set	-8576 Mar 28 j 11:01	11°♒38'27	
inferior conj	-8576 Apr 02 j 17:50	8°♒29'56	5°00'48
minimum elong	-8576 Apr 03 j 02:33	8°♒16'32	4°58'24
min. Earth dist.	-8576 Apr 03 j 22:00	7°♒46'41	0.28791 AU
morning rise	-8576 Apr 08 j 17:23	4°♒56'25	
direct	-8576 Apr 24 j 14:22	0°♒10'45	
desc. node	-8576 Apr 26 j 07:25	0°♒14'08	
greatest brilliancy	-8576 May 06 j 00:23	2°♒30'53	-4.8m
	-8576 Jun 11 j 22:42	0°♓	
morning max el	-8576 Jun 13 j 11:50	1°♓31'04	46°26'26
	-8576 Jul 10 j 04:53	0°♈	
	-8576 Aug 04 j 21:53	0°♉	
asc. node	-8576 Aug 16 j 09:35	13°♉52'45	
	-8576 Aug 29 j 13:12	0°♊	
	-8576 Sep 22 j 17:37	0°♋	
	-8576 Oct 16 j 19:42	0°♌	
	-8576 Nov 10 j 00:10	0°♍	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8576 Dec 04 j 08:23	0°♎	
desc. node	-8576 Dec 06 j 22:54	3°♎12'02	
morning set	-8576 Dec 19 j 11:45	18°♎35'04	
	-8576 Dec 28 j 19:11	0°♏	
	-8575 Jan 22 j 06:38	0°♐	
max. Earth dist.	-8575 Jan 26 j 05:36	4°♐51'11	1.73737 AU
superior conj	-8575 Jan 26 j 23:57	5°♐47'25	-1°20'33
minimum elong	-8575 Jan 26 j 21:18	5°♐39'17	1°21'01
	-8575 Feb 15 j 17:27	0°♑	
evening rise	-8575 Mar 04 j 01:36	20°♑04'08	
greatest brilliancy	-8575 Mar 05 j 03:00	21°♑22'10	-3.9m
	-8575 Mar 12 j 03:39	0°♒	
asc. node	-8575 Mar 28 j 20:15	20°♒29'55	
	-8575 Apr 05 j 14:02	0°♓	
	-8575 Apr 30 j 01:35	0°♈	
	-8575 May 24 j 15:26	0°♉	
	-8575 Jun 18 j 09:39	0°♊	
	-8575 Jul 13 j 12:50	0°♋	
desc. node	-8575 Jul 19 j 12:31	7°♋02'07	
	-8575 Aug 08 j 11:17	0°♌	
evening max el	-8575 Sep 01 j 18:48	26°♌17'20	47°38'30
	-8575 Sep 05 j 11:07	0°♍	
greatest brilliancy	-8575 Oct 12 j 10:58	28°♍14'33	-4.9m
	-8575 Oct 18 j 16:04	0°♎	
retrograde	-8575 Oct 22 j 23:36	0°♎22'39	
	-8575 Oct 27 j 04:47	30°℞♍	
evening set	-8575 Nov 06 j 17:05	25°♍53'55	
asc. node	-8575 Nov 08 j 16:57	24°♍43'29	
min. Earth dist.	-8575 Nov 12 j 00:46	22°♍38'20	0.27720 AU
inferior conj	-8575 Nov 12 j 21:05	22°♍05'50	1°00'37
minimum elong	-8575 Nov 12 j 18:57	22°♍09'14	1°00'08
morning rise	-8575 Nov 18 j 21:56	18°♍25'06	
direct	-8575 Dec 03 j 14:47	14°♍04'24	
greatest brilliancy	-8575 Dec 12 j 13:05	15°♍35'06	-4.8m
	-8574 Jan 05 j 08:34	0°♎	
morning max el	-8574 Jan 21 j 13:43	14°♎26'26	45°59'33
	-8574 Feb 06 j 03:33	0°♏	
desc. node	-8574 Mar 01 j 11:17	25°♏04'12	
	-8574 Mar 05 j 21:40	0°♐	
	-8574 Apr 01 j 03:51	0°♑	
	-8574 Apr 26 j 12:26	0°♒	
	-8574 May 21 j 05:35	0°♓	
	-8574 Jun 14 j 11:20	0°♈	
asc. node	-8574 Jun 21 j 09:51	8°♈40'15	
	-8574 Jul 08 j 09:15	0°♉	
greatest brilliancy	-8574 Jul 12 j 12:50	5°♉14'04	-3.9m
morning set	-8574 Jul 16 j 23:54	10°♉52'09	
	-8574 Aug 01 j 02:55	0°♊	
	-8574 Aug 24 j 19:54	0°♋	
superior conj	-8574 Aug 26 j 04:53	1°♋44'13	1°20'04
minimum elong	-8574 Aug 26 j 11:02	2°♋03'36	1°20'32
max. Earth dist.	-8574 Aug 30 j 15:23	7°♋20'23	1.70801 AU
	-8574 Sep 17 j 15:13	0°♌	
evening rise	-8574 Oct 08 j 05:46	25°♌47'49	
desc. node	-8574 Oct 11 j 22:19	0°♍23'55	
	-8574 Oct 11 j 14:38	0°♍	
	-8574 Nov 04 j 18:35	0°♎	
	-8574 Nov 29 j 03:06	0°♏	
	-8574 Dec 23 j 17:22	0°♐	
	-8573 Jan 17 j 16:57	0°♑	
asc. node	-8573 Jan 31 j 22:27	16°♑45'39	
	-8573 Feb 12 j 08:46	0°♒	
	-8573 Mar 11 j 05:52	0°♓	
evening max el	-8573 Apr 06 j 07:59	26°♓39'58	45°32'36
	-8573 Apr 09 j 21:18	0°♈	
greatest brilliancy	-8573 May 15 j 09:39	24°♈41'47	-4.8m
desc. node	-8573 May 24 j 17:56	26°♈26'13	
retrograde	-8573 May 25 j 06:57	26°♈26'33	
evening set	-8573 Jun 09 j 05:19	22°♈16'25	
inferior conj	-8573 Jun 15 j 05:17	18°♈50'44	-4°55'52
minimum elong	-8573 Jun 14 j 19:40	19°♈05'04	4°53'18
min. Earth dist.	-8573 Jun 15 j 09:24	18°♈44'35	0.27006 AU
morning rise	-8573 Jun 20 j 09:29	15°♈50'21	
direct	-8573 Jul 06 j 02:26	11°♈09'14	
greatest brilliancy	-8573 Jul 17 j 03:31	13°♈23'53	-4.9m
	-8573 Aug 10 j 19:59	0°♉	
morning max el	-8573 Aug 25 j 16:24	14°♉12'22	46°46'16
	-8573 Sep 09 j 12:05	0°♊	
asc. node	-8573 Sep 13 j 21:31	4°♊53'16	
	-8573 Oct 05 j 15:41	0°♋	
	-8573 Oct 30 j 18:35	0°♌	
	-8573 Nov 24 j 14:43	0°♍	
	-8573 Dec 19 j 10:18	0°♎	
desc. node	-8572 Jan 04 j 12:16	19°♎26'16	
	-8572 Jan 13 j 05:56	0°♏	
	-8572 Feb 06 j 23:50	0°♐	
morning set	-8572 Feb 28 j 05:06	25°♐51'47	
	-8572 Mar 02 j 14:17	0°♑	
	-8572 Mar 27 j 00:39	0°♒	
max. Earth dist.	-8572 Mar 30 j 15:52	4°♒28'47	1.73323 AU
superior conj	-8572 Apr 03 j 14:32	9°♒20'48	-0°47'22
minimum elong	-8572 Apr 03 j 21:58	9°♒43'44	0°47'32
	-8572 Apr 20 j 07:18	0°♓	
asc. node	-8572 Apr 25 j 09:18	6°♓18'10	
evening rise	-8572 May 09 j 01:17	23°♓16'20	
	-8572 May 14 j 11:08	0°♈	
	-8572 Jun 07 j 13:20	0°♉	
	-8572 Jul 01 j 15:33	0°♊	
	-8572 Jul 25 j 20:02	0°♋	
desc. node	-8572 Aug 15 j 23:41	26°♋01'37	
	-8572 Aug 19 j 05:38	0°♌	
	-8572 Sep 13 j 00:17	0°♍	
	-8572 Oct 08 j 11:49	0°♎	
	-8572 Nov 04 j 14:16	0°♏	
evening max el	-8572 Nov 11 j 05:44	6°♏49'17	46°08'22
asc. node	-8572 Dec 06 j 03:26	28°♏46'44	
	-8572 Dec 07 j 21:22	0°♐	
greatest brilliancy	-8572 Dec 19 j 20:01	6°♐34'03	-4.8m
retrograde	-8572 Dec 30 j 23:00	8°♐52'42	
evening set	-8571 Jan 17 j 04:30	3°♐06'45	
inferior conj	-8571 Jan 21 j 09:38	0°♐27'25	7°49'13
minimum elong	-8571 Jan 21 j 05:04	0°♐34'47	7°48'26
min. Earth dist.	-8571 Jan 21 j 06:38	0°♐32'15	0.29495 AU
	-8571 Jan 22 j 02:42	30°℞♏	
morning rise	-8571 Jan 25 j 05:42	28°♏01'36	
direct	-8571 Feb 12 j 02:57	21°♏56'52	
greatest brilliancy	-8571 Feb 21 j 14:59	23°♏34'10	-4.7m
	-8571 Mar 06 j 14:28	0°♐	
desc. node	-8571 Mar 28 j 22:50	17°♐49'26	
morning max el	-8571 Apr 01 j 23:12	21°♐34'51	45°58'25
	-8571 Apr 10 j 13:19	0°♑	
	-8571 May 08 j 13:55	0°♒	
	-8571 Jun 03 j 13:02	0°♓	
	-8571 Jun 28 j 10:18	0°♈	
asc. node	-8571 Jul 18 j 23:04	25°♈22'33	
	-8571 Jul 22 j 16:02	0°♉	
	-8571 Aug 15 j 13:12	0°♊	
	-8571 Sep 08 j 07:28	0°♋	
morning set	-8571 Oct 01 j 17:44	29°♋30'19	
	-8571 Oct 02 j 03:12	0°♌	
	-8571 Oct 26 j 02:50	0°♍	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

desc. node	-8571 Nov 08 j 11:30	16°♍36'56	
superior conj	-8571 Nov 13 j 01:44	22°♍18'43	-0°10'27
minimum elong	-8571 Nov 12 j 23:04	22°♍10'25	0°10'11
behind sun begin	-8571 Nov 12 j 02:09	21°♍05'37	
behind sun end	-8571 Nov 13 j 19:58	23°♍15'12	
max. Earth dist.	-8571 Nov 17 j 23:50	28°♍24'21	1.72447 AU
	-8571 Nov 19 j 06:45	0°♎	
	-8571 Dec 13 j 14:01	0°♏	
evening rise	-8571 Dec 23 j 10:03	12°♏06'08	
	-8570 Jan 06 j 23:44	0°♐	
	-8570 Jan 31 j 12:11	0°♑	
	-8570 Feb 25 j 05:01	0°♒	
asc. node	-8570 Feb 28 j 10:10	3°♒52'56	
	-8570 Mar 22 j 04:42	0°♓	
	-8570 Apr 16 j 14:23	0°♈	
	-8570 May 12 j 16:01	0°♉	
	-8570 Jun 09 j 02:40	0°♊	
evening max el	-8570 Jun 18 j 23:44	10°♊04'20	47°14'00
desc. node	-8570 Jun 21 j 04:10	12°♊13'20	
	-8570 Jul 11 j 05:28	0°♋	
greatest brilliancy	-8570 Jul 30 j 12:11	11°♋08'30	-4.9m
retrograde	-8570 Aug 08 j 14:44	12°♋43'30	
evening set	-8570 Aug 26 j 03:45	6°♋49'19	
inferior conj	-8570 Aug 29 j 07:01	4°♋55'27	-8°24'38
minimum elong	-8570 Aug 29 j 14:13	4°♋44'28	8°23'17
min. Earth dist.	-8570 Aug 29 j 01:04	5°♋04'33	0.26596 AU
morning rise	-8570 Sep 02 j 00:43	2°♋40'42	
	-8570 Sep 07 j 03:17	30°℞♊	
direct	-8570 Sep 18 j 11:20	27°♊20'29	
greatest brilliancy	-8570 Sep 28 j 13:00	29°♊17'28	-4.9m
	-8570 Sep 30 j 07:49	0°♋	
asc. node	-8570 Oct 11 j 08:38	6°♋15'15	
	-8570 Nov 07 j 10:57	0°♌	
morning max el	-8570 Nov 07 j 18:50	0°♌19'48	46°28'51
	-8570 Dec 05 j 12:44	0°♍	
	-8570 Dec 31 j 22:53	0°♎	
	-8569 Jan 26 j 18:04	0°♏	
desc. node	-8569 Feb 01 j 01:08	6°♏13'01	
	-8569 Feb 21 j 03:33	0°♐	
	-8569 Mar 18 j 04:06	0°♑	
	-8569 Apr 11 j 20:00	0°♒	
morning set	-8569 May 05 j 13:42	29°♒15'10	
	-8569 May 06 j 04:10	0°♓	
asc. node	-8569 May 23 j 22:35	22°♓06'34	
	-8569 May 30 j 06:06	0°♈	
max. Earth dist.	-8569 Jun 07 j 03:25	9°♈52'49	1.71653 AU
superior conj	-8569 Jun 10 j 22:44	14°♈39'15	0°40'22
minimum elong	-8569 Jun 10 j 15:13	14°♈15'38	0°40'08
	-8569 Jun 23 j 03:44	0°♉	
	-8569 Jul 16 j 23:23	0°♊	
evening rise	-8569 Jul 18 j 21:09	2°♊24'08	
	-8569 Aug 09 j 19:35	0°♋	
	-8569 Sep 02 j 18:39	0°♌	
desc. node	-8569 Sep 13 j 11:45	13°♌20'20	
	-8569 Sep 26 j 22:22	0°♍	
	-8569 Oct 21 j 08:26	0°♎	
	-8569 Nov 15 j 04:04	0°♏	
	-8569 Dec 10 j 17:10	0°♐	
asc. node	-8568 Jan 03 j 13:45	26°♐32'12	
	-8568 Jan 06 j 20:12	0°♑	
evening max el	-8568 Jan 22 j 02:14	15°♑22'26	44°58'46
	-8568 Feb 07 j 18:28	0°♒	
greatest brilliancy	-8568 Feb 28 j 14:02	12°♒23'46	-4.7m
retrograde	-8568 Mar 10 j 01:46	14°♒20'14	
evening set	-8568 Mar 26 j 05:31	9°♒26'07	
inferior conj	-8568 Mar 31 j 09:57	6°♒20'15	5°15'28
minimum elong	-8568 Mar 31 j 18:48	6°♒06'36	5°13'05
min. Earth dist.	-8568 Apr 01 j 13:38	5°♒37'34	0.28850 AU
morning rise	-8568 Apr 06 j 07:28	2°♒49'03	
	-8568 Apr 12 j 04:38	30°℞♑	
direct	-8568 Apr 22 j 07:24	28°♑00'16	
desc. node	-8568 Apr 25 j 09:35	28°♑11'10	
	-8568 May 02 j 19:43	0°♒	
greatest brilliancy	-8568 May 03 j 15:11	0°♒18'15	-4.8m
morning max el	-8568 Jun 11 j 03:27	29°♒16'10	46°25'10
	-8568 Jun 11 j 21:12	0°♓	
	-8568 Jul 09 j 21:03	0°♈	
	-8568 Aug 04 j 11:52	0°♉	
asc. node	-8568 Aug 15 j 11:49	13°♉18'45	
	-8568 Aug 29 j 02:10	0°♊	
	-8568 Sep 22 j 05:59	0°♋	
	-8568 Oct 16 j 07:40	0°♌	
	-8568 Nov 09 j 11:50	0°♍	
	-8568 Dec 03 j 19:47	0°♎	
desc. node	-8568 Dec 06 j 00:57	2°♎43'22	
morning set	-8568 Dec 17 j 01:15	16°♎14'41	
	-8568 Dec 28 j 06:24	0°♏	
	-8567 Jan 21 j 17:42	0°♐	
max. Earth dist.	-8567 Jan 24 j 04:26	3°♐00'04	1.73719 AU
superior conj	-8567 Jan 24 j 17:17	3°♐39'28	-1°20'02
minimum elong	-8567 Jan 24 j 13:59	3°♐29'22	1°20'29
	-8567 Feb 15 j 04:28	0°♑	
evening rise	-8567 Mar 01 j 20:55	18°♑02'06	
greatest brilliancy	-8567 Mar 03 j 16:56	20°♑17'16	-3.9m
	-8567 Mar 11 j 14:44	0°♒	
asc. node	-8567 Mar 27 j 22:31	20°♒02'25	
	-8567 Apr 05 j 01:21	0°♓	
	-8567 Apr 29 j 13:17	0°♈	
	-8567 May 24 j 03:43	0°♉	
	-8567 Jun 17 j 22:48	0°♊	
	-8567 Jul 13 j 03:21	0°♋	
desc. node	-8567 Jul 18 j 14:37	6°♋24'31	
	-8567 Aug 08 j 04:26	0°♌	
evening max el	-8567 Aug 30 j 10:42	23°♌57'57	47°39'55
	-8567 Sep 05 j 11:33	0°♍	
greatest brilliancy	-8567 Oct 10 j 04:12	25°♍55'38	-4.9m
retrograde	-8567 Oct 20 j 15:02	28°♍01'44	
evening set	-8567 Nov 04 j 08:43	23°♍33'34	
asc. node	-8567 Nov 07 j 19:10	21°♍29'38	
min. Earth dist.	-8567 Nov 09 j 16:24	20°♍17'49	0.27650 AU
inferior conj	-8567 Nov 10 j 12:14	19°♍46'05	0°39'35
minimum elong	-8567 Nov 10 j 10:51	19°♍48'19	0°39'19
morning rise	-8567 Nov 16 j 14:04	16°♍03'58	
direct	-8567 Dec 01 j 05:18	11°♍46'09	
greatest brilliancy	-8567 Dec 10 j 04:04	13°♍17'09	-4.8m
	-8566 Jan 05 j 17:06	0°♎	
morning max el	-8566 Jan 19 j 03:56	12°♎10'21	46°00'09
	-8566 Feb 05 j 21:46	0°♏	
desc. node	-8566 Feb 28 j 13:36	24°♏29'22	
	-8566 Mar 05 j 12:08	0°♐	
	-8566 Mar 31 j 16:40	0°♑	
	-8566 Apr 26 j 00:24	0°♒	
	-8566 May 20 j 17:05	0°♓	
	-8566 Jun 13 j 22:37	0°♈	
asc. node	-8566 Jun 20 j 11:57	8°♈11'42	
	-8566 Jul 07 j 20:26	0°♉	
greatest brilliancy	-8566 Jul 11 j 11:02	4°♉33'07	-3.9m
morning set	-8566 Jul 14 j 13:17	8°♉27'30	
	-8566 Jul 31 j 14:05	0°♊	
superior conj	-8566 Aug 23 j 14:59	29°♊09'03	1°21'02

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

minimum elong	-8566 Aug 23 j 20:08	29°♊25'21	1°21'32
	-8566 Aug 24 j 07:07	0°♋	
max. Earth dist.	-8566 Aug 27 j 14:22	4°♋10'13	1.70782 AU
	-8566 Sep 17 j 02:31	0°♌	
evening rise	-8566 Oct 05 j 13:23	23°♌06'23	
desc. node	-8566 Oct 11 j 00:27	29°♌55'09	
	-8566 Oct 11 j 02:00	0°♍	
	-8566 Nov 04 j 06:01	0°♎	
	-8566 Nov 28 j 14:39	0°♏	
	-8566 Dec 23 j 05:12	0°♐	
	-8565 Jan 17 j 05:26	0°♑	
asc. node	-8565 Jan 31 j 00:43	16°♑14'03	
	-8565 Feb 11 j 22:38	0°♒	
	-8565 Mar 10 j 22:48	0°♓	
evening max el	-8565 Apr 03 j 20:44	24°♓19'21	45°29'48
	-8565 Apr 09 j 23:41	0°♈	
greatest brilliancy	-8565 May 12 j 21:56	22°♈19'04	-4.8m
retrograde	-8565 May 22 j 19:05	24°♈04'04	
desc. node	-8565 May 23 j 20:07	24°♈02'50	
evening set	-8565 Jun 06 j 15:45	19°♈56'25	
inferior conj	-8565 Jun 12 j 18:04	16°♈28'05	-4°36'11
minimum elong	-8565 Jun 12 j 08:52	16°♈41'49	4°33'42
min. Earth dist.	-8565 Jun 12 j 23:35	16°♈19'51	0.27045 AU
morning rise	-8565 Jun 18 j 01:19	13°♈23'31	
direct	-8565 Jul 03 j 15:25	8°♈45'22	
greatest brilliancy	-8565 Jul 14 j 18:54	11°♈01'56	-4.9m
	-8565 Aug 11 j 02:18	0°♉	
morning max el	-8565 Aug 23 j 05:05	11°♉44'18	46°46'17
	-8565 Sep 09 j 06:20	0°♊	
asc. node	-8565 Sep 12 j 23:51	4°♊10'39	
	-8565 Oct 05 j 06:33	0°♋	
	-8565 Oct 30 j 07:57	0°♌	
	-8565 Nov 24 j 03:13	0°♍	
	-8565 Dec 18 j 22:12	0°♎	
desc. node	-8564 Jan 03 j 14:21	18°♎57'31	
	-8564 Jan 12 j 17:22	0°♏	
	-8564 Feb 06 j 10:57	0°♐	
morning set	-8564 Feb 25 j 23:33	23°♐48'01	
	-8564 Mar 02 j 01:12	0°♑	
	-8564 Mar 26 j 11:29	0°♒	
max. Earth dist.	-8564 Mar 28 j 13:45	2°♒34'51	1.73366 AU
superior conj	-8564 Apr 01 j 09:59	7°♒19'18	-0°49'43
minimum elong	-8564 Apr 01 j 17:36	7°♒42'46	0°49'56
	-8564 Apr 19 j 18:12	0°♓	
asc. node	-8564 Apr 24 j 11:24	5°♓50'48	
evening rise	-8564 May 06 j 20:13	21°♓11'54	
	-8564 May 13 j 22:11	0°♈	
	-8564 Jun 07 j 00:37	0°♉	
	-8564 Jul 01 j 03:09	0°♊	
	-8564 Jul 25 j 08:01	0°♋	
desc. node	-8564 Aug 15 j 02:00	25°♋30'41	
	-8564 Aug 18 j 18:09	0°♌	
	-8564 Sep 12 j 13:40	0°♍	
	-8564 Oct 08 j 02:54	0°♎	
	-8564 Nov 04 j 09:46	0°♏	
evening max el	-8564 Nov 08 j 21:06	4°♏33'56	46°11'47
asc. node	-8564 Dec 05 j 05:37	27°♏35'49	
	-8564 Dec 08 j 21:44	0°♐	
greatest brilliancy	-8564 Dec 17 j 12:49	4°♐25'28	-4.8m
retrograde	-8564 Dec 28 j 16:54	6°♐45'33	
evening set	-8563 Jan 14 j 19:50	1°♐02'00	
	-8563 Jan 16 j 12:02	30°℞♏	
inferior conj	-8563 Jan 19 j 02:59	28°♏19'41	7°44'15
minimum elong	-8563 Jan 18 j 21:51	28°♏27'55	7°43'23
min. Earth dist.	-8563 Jan 18 j 22:32	28°♏26'50	0.29468 AU
morning rise	-8563 Jan 23 j 00:00	25°♏52'36	
direct	-8563 Feb 09 j 19:32	19°♏49'26	
greatest brilliancy	-8563 Feb 19 j 06:29	21°♏26'10	-4.7m
	-8563 Mar 07 j 11:26	0°♐	
desc. node	-8563 Mar 28 j 00:58	16°♐59'29	
morning max el	-8563 Mar 30 j 16:03	19°♐27'45	45°57'57
	-8563 Apr 10 j 08:33	0°♑	
	-8563 May 08 j 04:40	0°♒	
	-8563 Jun 03 j 02:02	0°♓	
	-8563 Jun 27 j 22:25	0°♈	
asc. node	-8563 Jul 18 j 01:15	24°♈52'48	
	-8563 Jul 22 j 03:43	0°♉	
	-8563 Aug 15 j 00:38	0°♊	
	-8563 Sep 07 j 18:45	0°♋	
morning set	-8563 Sep 29 j 03:38	26°♋55'32	
	-8563 Oct 01 j 14:21	0°♌	
	-8563 Oct 25 j 13:53	0°♍	
desc. node	-8563 Nov 07 j 13:32	16°♍09'03	
superior conj	-8563 Nov 10 j 12:20	19°♍48'40	-0°06'44
minimum elong	-8563 Nov 10 j 10:36	19°♍43'19	0°06'29
behind sun begin	-8563 Nov 09 j 09:56	18°♍26'46	
behind sun end	-8563 Nov 11 j 11:17	20°♍59'50	
max. Earth dist.	-8563 Nov 15 j 13:20	26°♍03'35	1.72387 AU
	-8563 Nov 18 j 17:43	0°♎	
	-8563 Dec 13 j 00:57	0°♏	
evening rise	-8563 Dec 21 j 01:04	9°♏51'04	
	-8562 Jan 06 j 10:44	0°♐	
	-8562 Jan 30 j 23:21	0°♑	
	-8562 Feb 24 j 16:34	0°♒	
asc. node	-8562 Feb 27 j 12:25	3°♒24'41	
	-8562 Mar 21 j 16:57	0°♓	
	-8562 Apr 16 j 03:52	0°♈	
	-8562 May 12 j 07:45	0°♉	
	-8562 Jun 08 j 23:30	0°♊	
evening max el	-8562 Jun 16 j 13:35	7°♊40'47	47°10'57
desc. node	-8562 Jun 20 j 06:21	11°♊17'37	
	-8562 Jul 12 j 02:15	0°♋	
greatest brilliancy	-8562 Jul 27 j 23:32	8°♋37'08	-4.9m
retrograde	-8562 Aug 06 j 03:29	10°♋12'53	
evening set	-8562 Aug 23 j 18:17	4°♋15'31	
inferior conj	-8562 Aug 26 j 19:08	2°♋25'23	-8°32'40
minimum elong	-8562 Aug 27 j 01:36	2°♋15'31	8°31'29
min. Earth dist.	-8562 Aug 26 j 12:43	2°♋35'10	0.26588 AU
morning rise	-8562 Aug 30 j 09:00	0°♋16'36	
	-8562 Aug 30 j 20:30	30°℞♊	
direct	-8562 Sep 16 j 00:12	24°♊51'03	
greatest brilliancy	-8562 Sep 26 j 01:09	26°♊47'50	-4.9m
	-8562 Oct 02 j 20:53	0°♋	
asc. node	-8562 Oct 10 j 10:44	4°♋52'53	
morning max el	-8562 Nov 05 j 09:05	27°♋57'10	46°29'58
	-8562 Nov 07 j 09:32	0°♌	
	-8562 Dec 05 j 04:56	0°♍	
	-8562 Dec 31 j 12:37	0°♎	
	-8561 Jan 26 j 06:30	0°♏	
desc. node	-8561 Jan 31 j 03:24	5°♏43'38	
	-8561 Feb 20 j 15:16	0°♐	
	-8561 Mar 17 j 15:21	0°♑	
	-8561 Apr 11 j 06:59	0°♒	
morning set	-8561 May 03 j 08:19	27°♒10'32	
	-8561 May 05 j 15:01	0°♓	
asc. node	-8561 May 23 j 00:39	21°♓39'07	
	-8561 May 29 j 16:57	0°♈	
max. Earth dist.	-8561 Jun 04 j 15:31	7°♈26'12	1.71714 AU
superior conj	-8561 Jun 08 j 15:04	12°♈25'44	0°37'27
minimum elong	-8561 Jun 08 j 08:01	12°♈03'35	0°37'13
	-8561 Jun 22 j 14:41	0°♉	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

evening rise	-8561 Jul 16 j 09:49	29°♉57'49	
	-8561 Jul 16 j 10:30	0°♊	
	-8561 Aug 09 j 06:52	0°♋	
	-8561 Sep 02 j 06:07	0°♌	
desc. node	-8561 Sep 12 j 13:53	12°♌50'57	
	-8561 Sep 26 j 10:04	0°♍	
	-8561 Oct 20 j 20:29	0°♎	
	-8561 Nov 14 j 16:45	0°♏	
	-8561 Dec 10 j 07:16	0°♐	
asc. node	-8560 Jan 02 j 16:03	25°♐52'56	
	-8560 Jan 06 j 13:59	0°♑	
evening max el	-8560 Jan 19 j 17:56	13°♑12'16	44°59'28
	-8560 Feb 08 j 05:49	0°♒	
greatest brilliancy	-8560 Feb 26 j 05:50	10°♒15'51	-4.7m
retrograde	-8560 Mar 07 j 17:04	12°♒11'59	
evening set	-8560 Mar 23 j 23:54	7°♒14'10	
inferior conj	-8560 Mar 29 j 01:59	4°♒11'05	5°29'36
minimum elong	-8560 Mar 29 j 10:54	3°♒57'17	5°27'17
min. Earth dist.	-8560 Mar 30 j 05:29	3°♒28'32	0.28912 AU
morning rise	-8560 Apr 03 j 21:17	0°♒42'14	
	-8560 Apr 05 j 04:17	30°♑	
direct	-8560 Apr 19 j 23:53	25°♑50'07	
desc. node	-8560 Apr 24 j 11:44	26°♑12'50	
greatest brilliancy	-8560 May 01 j 06:18	28°♑06'14	-4.8m
	-8560 May 05 j 13:01	0°♒	
morning max el	-8560 Jun 08 j 18:18	26°♒59'45	46°24'02
	-8560 Jun 11 j 18:44	0°♓	
	-8560 Jul 09 j 12:48	0°♈	
	-8560 Aug 04 j 01:31	0°♉	
asc. node	-8560 Aug 14 j 14:06	12°♉45'44	
	-8560 Aug 28 j 14:47	0°♊	
	-8560 Sep 21 j 18:01	0°♋	
	-8560 Oct 15 j 19:20	0°♌	
	-8560 Nov 08 j 23:13	0°♍	
	-8560 Dec 03 j 06:56	0°♎	
desc. node	-8560 Dec 05 j 03:04	2°♎15'40	
morning set	-8560 Dec 14 j 14:46	13°♎55'05	
	-8560 Dec 27 j 17:20	0°♏	
	-8559 Jan 21 j 04:30	0°♐	
superior conj	-8559 Jan 22 j 10:40	1°♐32'32	-1°19'25
minimum elong	-8559 Jan 22 j 06:44	1°♐20'28	1°19'50
max. Earth dist.	-8559 Jan 22 j 02:21	1°♐07'00	1.73698 AU
	-8559 Feb 14 j 15:14	0°♑	
evening rise	-8559 Feb 27 j 16:15	16°♑00'50	
greatest brilliancy	-8559 Mar 02 j 02:16	18°♑58'58	-3.9m
	-8559 Mar 11 j 01:37	0°♒	
asc. node	-8559 Mar 27 j 00:37	19°♒34'55	
	-8559 Apr 04 j 12:30	0°♓	
	-8559 Apr 29 j 00:54	0°♈	
	-8559 May 23 j 15:57	0°♉	
	-8559 Jun 17 j 11:55	0°♊	
	-8559 Jul 12 j 17:54	0°♋	
desc. node	-8559 Jul 17 j 16:57	5°♋47'44	
	-8559 Aug 07 j 21:45	0°♌	
evening max el	-8559 Aug 28 j 01:25	21°♌36'04	47°41'22
	-8559 Sep 05 j 12:56	0°♍	
greatest brilliancy	-8559 Oct 07 j 21:46	23°♍37'27	-4.9m
retrograde	-8559 Oct 18 j 06:03	25°♍41'14	
evening set	-8559 Nov 02 j 00:28	21°♍13'11	
asc. node	-8559 Nov 06 j 21:25	18°♍14'42	
min. Earth dist.	-8559 Nov 07 j 08:18	17°♍57'18	0.27582 AU
inferior conj	-8559 Nov 08 j 03:23	17°♍26'45	0°18'17
minimum elong	-8559 Nov 08 j 02:44	17°♍27'48	0°18'16
morning rise	-8559 Nov 14 j 06:02	13°♍43'22	
direct	-8559 Nov 28 j 19:17	9°♍28'05	
greatest brilliancy	-8559 Dec 07 j 19:33	11°♍00'01	-4.8m
	-8558 Jan 05 j 23:01	0°♎	
morning max el	-8558 Jan 16 j 17:48	9°♎53'40	46°00'55
	-8558 Feb 05 j 15:22	0°♏	
desc. node	-8558 Feb 27 j 15:41	23°♏54'39	
	-8558 Mar 05 j 02:15	0°♐	
	-8558 Mar 31 j 05:14	0°♑	
	-8558 Apr 25 j 12:11	0°♒	
	-8558 May 20 j 04:29	0°♓	
	-8558 Jun 13 j 09:51	0°♈	
asc. node	-8558 Jun 19 j 14:10	7°♈43'33	
	-8558 Jul 07 j 07:37	0°♉	
greatest brilliancy	-8558 Jul 10 j 11:02	3°♉57'50	-3.9m
morning set	-8558 Jul 12 j 02:26	6°♉02'09	
	-8558 Jul 31 j 01:15	0°♊	
superior conj	-8558 Aug 21 j 00:50	26°♊33'07	1°21'51
minimum elong	-8558 Aug 21 j 05:00	26°♊46'17	1°22'22
	-8558 Aug 23 j 18:19	0°♋	
max. Earth dist.	-8558 Aug 24 j 11:59	0°♋55'47	1.70762 AU
	-8558 Sep 16 j 13:45	0°♌	
evening rise	-8558 Oct 02 j 20:48	20°♌24'30	
desc. node	-8558 Oct 10 j 02:29	29°♌26'18	
	-8558 Oct 10 j 13:18	0°♍	
	-8558 Nov 03 j 17:22	0°♎	
	-8558 Nov 28 j 02:08	0°♏	
	-8558 Dec 22 j 16:59	0°♐	
	-8557 Jan 16 j 17:55	0°♑	
asc. node	-8557 Jan 30 j 03:02	15°♑42'41	
	-8557 Feb 11 j 12:32	0°♒	
	-8557 Mar 10 j 15:57	0°♓	
evening max el	-8557 Apr 01 j 09:50	22°♓00'10	45°27'06
	-8557 Apr 10 j 03:31	0°♈	
greatest brilliancy	-8557 May 10 j 09:27	19°♈55'49	-4.8m
retrograde	-8557 May 20 j 07:37	21°♈41'48	
desc. node	-8557 May 22 j 22:17	21°♈33'53	
evening set	-8557 Jun 04 j 02:21	17°♈36'01	
inferior conj	-8557 Jun 10 j 06:47	14°♈05'12	-4°16'04
minimum elong	-8557 Jun 09 j 22:03	14°♈18'13	4°13'39
min. Earth dist.	-8557 Jun 10 j 13:28	13°♈55'16	0.27094 AU
morning rise	-8557 Jun 15 j 17:03	10°♈56'45	
direct	-8557 Jul 01 j 04:52	6°♈21'07	
greatest brilliancy	-8557 Jul 12 j 10:05	8°♈39'27	-4.9m
	-8557 Aug 11 j 06:54	0°♉	
morning max el	-8557 Aug 20 j 18:52	9°♉18'34	46°46'14
	-8557 Sep 09 j 00:24	0°♊	
asc. node	-8557 Sep 12 j 01:55	3°♊27'09	
	-8557 Oct 04 j 21:26	0°♋	
	-8557 Oct 29 j 21:20	0°♌	
	-8557 Nov 23 j 15:42	0°♍	
	-8557 Dec 18 j 10:05	0°♎	
desc. node	-8556 Jan 02 j 16:32	18°♎29'04	
	-8556 Jan 12 j 04:49	0°♏	
	-8556 Feb 05 j 22:05	0°♐	
morning set	-8556 Feb 23 j 18:07	21°♐44'28	
	-8556 Mar 01 j 12:09	0°♑	
	-8556 Mar 25 j 22:23	0°♒	
max. Earth dist.	-8556 Mar 26 j 13:09	0°♒45'31	1.73403 AU
superior conj	-8556 Mar 30 j 05:42	5°♒18'28	-0°52'01
minimum elong	-8556 Mar 30 j 13:27	5°♒42'22	0°52'13
	-8556 Apr 19 j 05:08	0°♓	
asc. node	-8556 Apr 23 j 13:33	5°♓23'33	
evening rise	-8556 May 04 j 15:29	19°♓08'28	
	-8556 May 13 j 09:17	0°♈	
	-8556 Jun 06 j 12:00	0°♉	
	-8556 Jun 30 j 14:54	0°♊	
	-8556 Jul 24 j 20:16	0°♋	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

desc. node	-8556 Aug 14 j 04:05	24°♋58'11	
	-8556 Aug 18 j 07:00	0°♌	
	-8556 Sep 12 j 03:26	0°♍	
	-8556 Oct 07 j 18:27	0°♎	
	-8556 Nov 04 j 06:06	0°♏	
evening max el	-8556 Nov 06 j 13:19	2°♏20'04	46°15'30
asc. node	-8556 Dec 04 j 07:54	26°♏22'36	
	-8556 Dec 10 j 08:41	0°♐	
greatest brilliancy	-8556 Dec 15 j 05:38	2°♐16'27	-4.8m
retrograde	-8556 Dec 26 j 11:10	4°♐37'52	
	-8555 Jan 10 j 16:11	30°℞♏	
evening set	-8555 Jan 12 j 11:10	28°♏56'59	
inferior conj	-8555 Jan 16 j 20:22	26°♏11'26	7°38'49
minimum elong	-8555 Jan 16 j 14:44	26°♏20'29	7°37'51
min. Earth dist.	-8555 Jan 16 j 14:14	26°♏21'18	0.29434 AU
morning rise	-8555 Jan 20 j 18:30	23°♏42'49	
direct	-8555 Feb 07 j 12:33	17°♏41'43	
greatest brilliancy	-8555 Feb 16 j 21:24	19°♏17'13	-4.7m
	-8555 Mar 08 j 03:14	0°♐	
desc. node	-8555 Mar 27 j 03:04	16°♐09'58	
morning max el	-8555 Mar 28 j 09:25	17°♐21'42	45°57'31
	-8555 Apr 10 j 03:25	0°♑	
	-8555 May 07 j 19:22	0°♒	
	-8555 Jun 02 j 15:03	0°♓	
	-8555 Jun 27 j 10:38	0°♈	
asc. node	-8555 Jul 17 j 03:29	24°♈22'47	
	-8555 Jul 21 j 15:31	0°♉	
	-8555 Aug 14 j 12:15	0°♊	
	-8555 Sep 07 j 06:17	0°♋	
morning set	-8555 Sep 26 j 13:09	24°♋18'32	
	-8555 Oct 01 j 01:50	0°♌	
	-8555 Oct 25 j 01:16	0°♍	
desc. node	-8555 Nov 06 j 15:43	15°♍40'36	
superior conj	-8555 Nov 07 j 22:11	17°♍15'08	-0°02'55
minimum elong	-8555 Nov 07 j 21:28	17°♍12'54	0°02'42
behind sun begin	-8555 Nov 06 j 19:00	15°♍50'46	
behind sun end	-8555 Nov 08 j 23:55	18°♍35'01	
max. Earth dist.	-8555 Nov 13 j 03:26	23°♍43'33	1.72321 AU
	-8555 Nov 18 j 05:01	0°♎	
	-8555 Dec 12 j 12:12	0°♏	
evening rise	-8555 Dec 18 j 15:33	7°♏33'32	
	-8554 Jan 05 j 21:59	0°♐	
	-8554 Jan 30 j 10:47	0°♑	
	-8554 Feb 24 j 04:23	0°♒	
asc. node	-8554 Feb 26 j 14:30	2°♒55'06	
	-8554 Mar 21 j 05:30	0°♓	
	-8554 Apr 15 j 17:43	0°♈	
	-8554 May 11 j 23:57	0°♉	
	-8554 Jun 08 j 21:13	0°♊	
evening max el	-8554 Jun 14 j 03:47	5°♊17'48	47°07'45
desc. node	-8554 Jun 19 j 08:40	10°♊20'38	
	-8554 Jul 13 j 06:39	0°♋	
greatest brilliancy	-8554 Jul 25 j 10:59	6°♋05'43	-4.9m
retrograde	-8554 Aug 03 j 16:07	7°♋41'44	
evening set	-8554 Aug 21 j 08:36	1°♋41'57	
inferior conj	-8554 Aug 24 j 07:18	29°♊54'57	-8°39'39
minimum elong	-8554 Aug 24 j 13:00	29°♊46'15	8°38'36
min. Earth dist.	-8554 Aug 24 j 00:33	0°♋05'15	0.26586 AU
	-8554 Aug 24 j 03:59	30°℞♊	
morning rise	-8554 Aug 27 j 17:31	27°♊51'34	
direct	-8554 Sep 13 j 13:07	22°♊21'16	
greatest brilliancy	-8554 Sep 23 j 13:26	24°♊17'27	-4.9m
	-8554 Oct 04 j 11:56	0°♋	
asc. node	-8554 Oct 09 j 13:01	3°♋32'34	
morning max el	-8554 Nov 02 j 22:45	25°♋31'36	46°30'51
	-8554 Nov 07 j 07:43	0°♌	
	-8554 Dec 04 j 21:21	0°♍	
	-8554 Dec 31 j 02:40	0°♎	
	-8553 Jan 25 j 19:17	0°♏	
desc. node	-8553 Jan 30 j 05:30	5°♏12'43	
	-8553 Feb 20 j 03:16	0°♐	
	-8553 Mar 17 j 02:52	0°♑	
	-8553 Apr 10 j 18:14	0°♒	
morning set	-8553 May 01 j 03:07	25°♒05'42	
	-8553 May 05 j 02:10	0°♓	
asc. node	-8553 May 22 j 02:53	21°♓11'16	
	-8553 May 29 j 04:07	0°♈	
max. Earth dist.	-8553 Jun 02 j 03:30	4°♈58'31	1.71775 AU
superior conj	-8553 Jun 06 j 07:55	10°♈13'03	0°34'32
minimum elong	-8553 Jun 06 j 01:21	9°♈52'25	0°34'15
	-8553 Jun 22 j 01:56	0°♉	
evening rise	-8553 Jul 13 j 23:11	27°♉33'00	
	-8553 Jul 15 j 21:53	0°♊	
	-8553 Aug 08 j 18:24	0°♋	
	-8553 Sep 01 j 17:51	0°♌	
desc. node	-8553 Sep 11 j 15:57	12°♌20'35	
	-8553 Sep 25 j 22:05	0°♍	
	-8553 Oct 20 j 08:55	0°♎	
	-8553 Nov 14 j 05:55	0°♏	
	-8553 Dec 09 j 21:57	0°♐	
asc. node	-8552 Jan 01 j 18:21	25°♐11'59	
	-8552 Jan 06 j 08:41	0°♑	
evening max el	-8552 Jan 17 j 08:54	10°♑59'02	45°00'28
	-8552 Feb 08 j 21:43	0°♒	
greatest brilliancy	-8552 Feb 23 j 21:58	8°♒07'27	-4.7m
retrograde	-8552 Mar 05 j 08:24	10°♒03'25	
evening set	-8552 Mar 21 j 18:27	5°♒01'39	
inferior conj	-8552 Mar 26 j 18:14	2°♒01'35	5°43'11
minimum elong	-8552 Mar 27 j 03:09	1°♒47'45	5°40'55
min. Earth dist.	-8552 Mar 27 j 21:45	1°♒18'54	0.28971 AU
	-8552 Mar 30 j 01:17	30°℞♑	
morning rise	-8552 Apr 01 j 11:12	28°♑35'19	
direct	-8552 Apr 17 j 16:05	23°♑39'31	
desc. node	-8552 Apr 23 j 14:00	24°♑18'19	
greatest brilliancy	-8552 Apr 28 j 22:03	25°♑54'31	-4.8m
	-8552 May 07 j 05:47	0°♒	
morning max el	-8552 Jun 06 j 09:02	24°♒42'26	46°22'57
	-8552 Jun 11 j 15:50	0°♓	
	-8552 Jul 09 j 04:36	0°♈	
	-8552 Aug 03 j 15:19	0°♉	
asc. node	-8552 Aug 13 j 16:07	12°♉11'19	
	-8552 Aug 28 j 03:36	0°♊	
	-8552 Sep 21 j 06:16	0°♋	
	-8552 Oct 15 j 07:12	0°♌	
	-8552 Nov 08 j 10:51	0°♍	
	-8552 Dec 02 j 18:22	0°♎	
desc. node	-8552 Dec 04 j 05:13	1°♎47'11	
morning set	-8552 Dec 12 j 03:59	11°♎33'28	
	-8552 Dec 27 j 04:36	0°♏	
superior conj	-8551 Jan 20 j 03:41	29°♏23'23	-1°18'40
minimum elong	-8551 Jan 19 j 23:07	29°♏09'23	1°19'03
max. Earth dist.	-8551 Jan 19 j 21:46	29°♏05'14	1.73677 AU
	-8551 Jan 20 j 15:38	0°♐	
	-8551 Feb 14 j 02:19	0°♑	
evening rise	-8551 Feb 25 j 11:13	13°♑57'30	
greatest brilliancy	-8551 Feb 28 j 08:28	17°♑30'04	-3.9m
	-8551 Mar 10 j 12:48	0°♒	
asc. node	-8551 Mar 26 j 02:47	19°♒06'48	
	-8551 Apr 03 j 23:58	0°♓	
	-8551 Apr 28 j 12:48	0°♈	
	-8551 May 23 j 04:30	0°♉	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8551 Jun 17 j 01:24	0°♊	
	-8551 Jul 12 j 08:53	0°♋	
desc. node	-8551 Jul 16 j 19:03	5°♋09'12	
	-8551 Aug 07 j 15:42	0°♌	
evening max el	-8551 Aug 25 j 15:35	19°♌12'04	47°42'45
	-8551 Sep 05 j 15:58	0°♍	
greatest brilliancy	-8551 Oct 05 j 15:13	21°♍18'22	-4.9m
retrograde	-8551 Oct 15 j 21:01	23°♍20'14	
evening set	-8551 Oct 30 j 16:19	18°♍51'43	
min. Earth dist.	-8551 Nov 05 j 00:15	15°♍36'03	0.27517 AU
inferior conj	-8551 Nov 05 j 18:32	15°♍06'50	-0°03'09
minimum elong	-8551 Nov 05 j 18:38	15°♍06'40	0°02'54
transit middle	-8551 Nov 05 j 18:38	15°♍06'40	0°02'54
transit begin	-8551 Nov 05 j 14:41	15°♍12'59	
transit end	-8551 Nov 05 j 22:35	15°♍00'22	
asc. node	-8551 Nov 05 j 23:40	14°♍58'37	
morning rise	-8551 Nov 11 j 21:52	11°♍22'32	
direct	-8551 Nov 26 j 09:00	7°♍09'10	
greatest brilliancy	-8551 Dec 05 j 11:14	8°♍42'33	-4.8m
	-8550 Jan 06 j 03:17	0°♎	
morning max el	-8550 Jan 14 j 08:15	7°♎37'34	46°01'37
	-8550 Feb 05 j 08:52	0°♏	
desc. node	-8550 Feb 26 j 17:46	23°♏19'23	
	-8550 Mar 04 j 16:30	0°♐	
	-8550 Mar 30 j 18:00	0°♑	
	-8550 Apr 25 j 00:11	0°♒	
	-8550 May 19 j 16:04	0°♓	
	-8550 Jun 12 j 21:13	0°♈	
asc. node	-8550 Jun 18 j 16:18	7°♈14'42	
	-8550 Jul 06 j 18:55	0°♉	
greatest brilliancy	-8550 Jul 09 j 08:45	3°♉14'58	-3.9m
morning set	-8550 Jul 09 j 15:50	3°♉37'19	
	-8550 Jul 30 j 12:35	0°♊	
superior conj	-8550 Aug 18 j 10:56	23°♊57'23	1°22'29
minimum elong	-8550 Aug 18 j 14:04	24°♊07'17	1°23'00
max. Earth dist.	-8550 Aug 21 j 12:34	27°♊50'05	1.70750 AU
	-8550 Aug 23 j 05:41	0°♋	
	-8550 Sep 16 j 01:11	0°♌	
evening rise	-8550 Sep 30 j 04:23	17°♌42'30	
desc. node	-8550 Oct 09 j 04:41	28°♌57'29	
	-8550 Oct 10 j 00:45	0°♍	
	-8550 Nov 03 j 04:51	0°♎	
	-8550 Nov 27 j 13:45	0°♏	
	-8550 Dec 22 j 04:57	0°♐	
	-8549 Jan 16 j 06:36	0°♑	
asc. node	-8549 Jan 29 j 05:05	15°♑09'56	
	-8549 Feb 11 j 02:46	0°♒	
	-8549 Mar 10 j 09:42	0°♓	
evening max el	-8549 Mar 30 j 00:01	19°♓43'15	45°24'34
	-8549 Apr 10 j 09:29	0°♈	
greatest brilliancy	-8549 May 07 j 20:42	17°♈32'17	-4.8m
retrograde	-8549 May 17 j 20:42	19°♈19'32	
desc. node	-8549 May 22 j 00:33	18°♈59'19	
evening set	-8549 Jun 01 j 13:21	15°♈15'30	
inferior conj	-8549 Jun 07 j 19:35	11°♈42'21	-3°55'31
minimum elong	-8549 Jun 07 j 11:23	11°♈54'32	3°53'13
min. Earth dist.	-8549 Jun 08 j 03:06	11°♈31'10	0.27141 AU
morning rise	-8549 Jun 13 j 08:44	8°♈30'14	
direct	-8549 Jun 28 j 18:52	3°♈57'09	
greatest brilliancy	-8549 Jul 10 j 00:37	6°♈16'24	-4.9m
	-8549 Aug 11 j 09:52	0°♉	
morning max el	-8549 Aug 18 j 09:27	6°♉55'00	46°46'00
	-8549 Sep 08 j 18:07	0°♊	
asc. node	-8549 Sep 11 j 04:11	2°♊44'33	
	-8549 Oct 04 j 12:14	0°♋	
	-8549 Oct 29 j 10:42	0°♌	

	-8549 Nov 23 j 04:13	0°♍	
	-8549 Dec 17 j 21:58	0°♎	
desc. node	-8548 Jan 01 j 18:36	18°♎00'07	
	-8548 Jan 11 j 16:16	0°♏	
	-8548 Feb 05 j 09:14	0°♐	
morning set	-8548 Feb 21 j 12:37	19°♐40'38	
	-8548 Feb 29 j 23:08	0°♑	
max. Earth dist.	-8548 Mar 24 j 12:25	28°♑55'36	1.73442 AU
	-8548 Mar 25 j 09:19	0°♒	
superior conj	-8548 Mar 28 j 01:17	3°♒17'07	-0°54'15
minimum elong	-8548 Mar 28 j 09:07	3°♒41'17	0°54'28
	-8548 Apr 18 j 16:08	0°♓	
asc. node	-8548 Apr 22 j 15:47	4°♓56'14	
evening rise	-8548 May 02 j 10:37	17°♓04'27	
	-8548 May 12 j 20:26	0°♈	
	-8548 Jun 05 j 23:25	0°♉	
	-8548 Jun 30 j 02:41	0°♊	
	-8548 Jul 24 j 08:30	0°♋	
desc. node	-8548 Aug 13 j 06:12	24°♋25'49	
	-8548 Aug 17 j 19:51	0°♌	
	-8548 Sep 11 j 17:15	0°♍	
	-8548 Oct 07 j 10:11	0°♎	
	-8548 Nov 04 j 03:06	0°♏	
evening max el	-8548 Nov 04 j 06:23	0°♏08'17	46°19'09
asc. node	-8548 Dec 03 j 10:11	25°♏07'17	
	-8548 Dec 12 j 15:01	0°♐	
greatest brilliancy	-8548 Dec 12 j 22:52	0°♐07'56	-4.8m
retrograde	-8548 Dec 24 j 05:22	2°♐30'00	
	-8547 Jan 04 j 05:32	30°℞♏	
evening set	-8547 Jan 10 j 02:25	26°♏52'20	
min. Earth dist.	-8547 Jan 14 j 05:54	24°♏15'52	0.29395 AU
inferior conj	-8547 Jan 14 j 13:44	24°♏03'17	7°32'39
minimum elong	-8547 Jan 14 j 07:38	24°♏13'05	7°31'37
morning rise	-8547 Jan 18 j 13:06	21°♏32'45	
direct	-8547 Feb 05 j 05:45	15°♏34'22	
greatest brilliancy	-8547 Feb 14 j 11:55	17°♏08'02	-4.7m
	-8547 Mar 08 j 14:55	0°♐	
morning max el	-8547 Mar 26 j 02:24	15°♐15'05	45°56'58
desc. node	-8547 Mar 26 j 05:23	15°♐22'11	
	-8547 Apr 09 j 21:42	0°♑	
	-8547 May 07 j 09:50	0°♒	
	-8547 Jun 02 j 03:58	0°♓	
	-8547 Jun 26 j 22:46	0°♈	
asc. node	-8547 Jul 16 j 05:32	23°♈52'24	
	-8547 Jul 21 j 03:15	0°♉	
	-8547 Aug 13 j 23:47	0°♊	
	-8547 Sep 06 j 17:41	0°♋	
morning set	-8547 Sep 23 j 22:41	21°♋42'01	
	-8547 Sep 30 j 13:07	0°♌	
	-8547 Oct 24 j 12:29	0°♍	
superior conj	-8547 Nov 05 j 07:50	14°♍41'18	0°00'58
minimum elong	-8547 Nov 05 j 08:08	14°♍42'16	0°01'10
behind sun begin	-8547 Nov 04 j 05:24	13°♍19'13	
behind sun end	-8547 Nov 06 j 10:52	16°♍05'17	
desc. node	-8547 Nov 05 j 17:53	15°♍12'33	
max. Earth dist.	-8547 Nov 10 j 18:55	21°♍28'05	1.72258 AU
	-8547 Nov 17 j 16:10	0°♎	
	-8547 Dec 11 j 23:19	0°♏	
evening rise	-8547 Dec 16 j 05:48	5°♏15'32	
	-8546 Jan 05 j 09:08	0°♐	
	-8546 Jan 29 j 22:05	0°♑	
	-8546 Feb 23 j 16:04	0°♒	
asc. node	-8546 Feb 25 j 16:47	2°♒26'41	
	-8546 Mar 20 j 17:57	0°♓	
	-8546 Apr 15 j 07:31	0°♈	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8546 May 11 j 16:19	0°♉	
	-8546 Jun 08 j 19:43	0°♊	
evening max el	-8546 Jun 11 j 17:32	2°♊53'52	47°04'18
desc. node	-8546 Jun 18 j 10:47	9°♊22'01	
	-8546 Jul 14 j 22:58	0°♋	
greatest brilliancy	-8546 Jul 22 j 22:56	3°♋34'51	-4.9m
retrograde	-8546 Aug 01 j 04:03	5°♋10'15	
	-8546 Aug 17 j 11:33	30°℞♊	
evening set	-8546 Aug 18 j 22:23	29°♊09'00	
inferior conj	-8546 Aug 21 j 19:19	27°♊24'35	-8°45'32
minimum elong	-8546 Aug 22 j 00:12	27°♊17'09	8°44'38
min. Earth dist.	-8546 Aug 21 j 12:37	27°♊34'50	0.26579 AU
morning rise	-8546 Aug 25 j 02:05	25°♊26'11	
direct	-8546 Sep 11 j 01:28	19°♊51'33	
greatest brilliancy	-8546 Sep 21 j 02:03	21°♊47'36	-4.9m
	-8546 Oct 05 j 15:08	0°♋	
asc. node	-8546 Oct 08 j 15:19	2°♋15'18	
morning max el	-8546 Oct 31 j 11:12	23°♋03'25	46°31'46
	-8546 Nov 07 j 04:52	0°♌	
	-8546 Dec 04 j 13:14	0°♍	
	-8546 Dec 30 j 16:21	0°♎	
	-8545 Jan 25 j 07:46	0°♏	
desc. node	-8545 Jan 29 j 07:31	4°♏42'22	
	-8545 Feb 19 j 14:59	0°♐	
	-8545 Mar 16 j 14:07	0°♑	
	-8545 Apr 10 j 05:12	0°♒	
morning set	-8545 Apr 28 j 22:05	23°♒02'12	
	-8545 May 04 j 13:01	0°♓	
asc. node	-8545 May 21 j 05:02	20°♓44'00	
	-8545 May 28 j 15:01	0°♈	
max. Earth dist.	-8545 May 30 j 17:43	2°♈38'36	1.71843 AU
superior conj	-8545 Jun 04 j 00:55	8°♈01'40	0°31'33
minimum elong	-8545 Jun 03 j 18:50	7°♈42'39	0°31'17
	-8545 Jun 21 j 12:58	0°♉	
evening rise	-8545 Jul 11 j 12:41	25°♉09'16	
	-8545 Jul 15 j 09:04	0°♊	
	-8545 Aug 08 j 05:46	0°♋	
	-8545 Sep 01 j 05:25	0°♌	
desc. node	-8545 Sep 10 j 18:12	11°♌51'23	
	-8545 Sep 25 j 09:54	0°♍	
	-8545 Oct 19 j 21:09	0°♎	
	-8545 Nov 13 j 18:52	0°♏	
	-8545 Dec 09 j 12:31	0°♐	
asc. node	-8545 Dec 31 j 20:28	24°♐30'54	
	-8544 Jan 06 j 03:34	0°♑	
evening max el	-8544 Jan 14 j 23:21	8°♑45'17	45°01'35
	-8544 Feb 09 j 18:37	0°♒	
greatest brilliancy	-8544 Feb 21 j 13:43	5°♒59'29	-4.7m
retrograde	-8544 Mar 03 j 00:02	7°♒56'04	
evening set	-8544 Mar 19 j 13:01	2°♒50'01	
inferior conj	-8544 Mar 24 j 10:32	29°♑53'09	5°56'10
minimum elong	-8544 Mar 24 j 19:25	29°♑39'21	5°53'58
	-8544 Mar 24 j 06:07	30°℞♑	
min. Earth dist.	-8544 Mar 25 j 14:08	29°♑10'19	0.29028 AU
morning rise	-8544 Mar 30 j 01:08	26°♑29'49	
direct	-8544 Apr 15 j 08:06	21°♑29'55	
desc. node	-8544 Apr 22 j 16:09	22°♑28'52	
greatest brilliancy	-8544 Apr 26 j 14:14	23°♑44'36	-4.7m
	-8544 May 08 j 09:34	0°♒	
morning max el	-8544 Jun 04 j 00:05	22°♒27'08	46°21'56
	-8544 Jun 11 j 11:51	0°♓	
	-8544 Jul 08 j 19:49	0°♈	
	-8544 Aug 03 j 04:44	0°♉	
asc. node	-8544 Aug 12 j 18:23	11°♉38'37	
	-8544 Aug 27 j 16:06	0°♊	
	-8544 Sep 20 j 18:15	0°♋	
	-8544 Oct 14 j 18:52	0°♌	
	-8544 Nov 07 j 22:14	0°♍	
	-8544 Dec 02 j 05:32	0°♎	
desc. node	-8544 Dec 03 j 07:16	1°♎19'12	
morning set	-8544 Dec 09 j 16:44	9°♎11'11	
	-8544 Dec 26 j 15:34	0°♏	
superior conj	-8543 Jan 17 j 20:28	27°♏14'23	-1°17'47
minimum elong	-8543 Jan 17 j 15:17	26°♏58'31	1°18'09
max. Earth dist.	-8543 Jan 17 j 16:16	27°♏01'32	1.73655 AU
	-8543 Jan 20 j 02:28	0°♐	
	-8543 Feb 13 j 13:09	0°♑	
evening rise	-8543 Feb 23 j 06:09	11°♑54'57	
greatest brilliancy	-8543 Feb 26 j 19:06	16°♑15'40	-3.9m
	-8543 Mar 09 j 23:45	0°♒	
asc. node	-8543 Mar 25 j 05:04	18°♒39'49	
	-8543 Apr 03 j 11:10	0°♓	
	-8543 Apr 28 j 00:26	0°♈	
	-8543 May 22 j 16:45	0°♉	
	-8543 Jun 16 j 14:37	0°♊	
	-8543 Jul 11 j 23:41	0°♋	
desc. node	-8543 Jul 15 j 21:12	4°♋31'28	
	-8543 Aug 07 j 09:45	0°♌	
evening max el	-8543 Aug 23 j 05:51	16°♌48'58	47°43'53
	-8543 Sep 05 j 20:26	0°♍	
greatest brilliancy	-8543 Oct 03 j 08:07	18°♍58'25	-4.9m
retrograde	-8543 Oct 13 j 12:04	20°♍58'59	
evening set	-8543 Oct 28 j 08:04	16°♍29'27	
min. Earth dist.	-8543 Nov 02 j 15:52	13°♍14'27	0.27456 AU
inferior conj	-8543 Nov 03 j 09:25	12°♍46'28	-0°24'49
minimum elong	-8543 Nov 03 j 10:17	12°♍45'04	0°24'19
asc. node	-8543 Nov 05 j 01:53	11°♍42'13	
morning rise	-8543 Nov 09 j 13:20	9°♍01'42	
direct	-8543 Nov 23 j 22:33	4°♍49'42	
greatest brilliancy	-8543 Dec 03 j 02:37	6°♍24'42	-4.8m
	-8542 Jan 06 j 05:42	0°♎	
morning max el	-8542 Jan 11 j 23:25	5°♎23'38	46°02'25
	-8542 Feb 05 j 01:45	0°♏	
desc. node	-8542 Feb 25 j 20:05	22°♏45'47	
	-8542 Mar 04 j 06:20	0°♐	
	-8542 Mar 30 j 06:26	0°♑	
	-8542 Apr 24 j 11:53	0°♒	
	-8542 May 19 j 03:23	0°♓	
	-8542 Jun 12 j 08:20	0°♈	
asc. node	-8542 Jun 17 j 18:25	6°♈46'36	
	-8542 Jul 06 j 05:57	0°♉	
morning set	-8542 Jul 07 j 05:53	1°♉15'27	
	-8542 Jul 29 j 23:36	0°♊	
superior conj	-8542 Aug 15 j 21:32	21°♊24'05	1°22'55
minimum elong	-8542 Aug 15 j 23:36	21°♊30'39	1°23'27
max. Earth dist.	-8542 Aug 18 j 17:41	24°♊59'32	1.70743 AU
	-8542 Aug 22 j 16:47	0°♋	
	-8542 Sep 15 j 12:21	0°♌	
evening rise	-8542 Sep 27 j 12:01	15°♌01'23	
desc. node	-8542 Oct 08 j 06:49	28°♌29'11	
	-8542 Oct 09 j 11:58	0°♍	
	-8542 Nov 02 j 16:09	0°♎	
	-8542 Nov 27 j 01:12	0°♏	
	-8542 Dec 21 j 16:45	0°♐	
	-8541 Jan 15 j 19:11	0°♑	
asc. node	-8541 Jan 28 j 07:25	14°♑38'23	
	-8541 Feb 10 j 16:57	0°♒	
	-8541 Mar 10 j 03:39	0°♓	
evening max el	-8541 Mar 27 j 14:57	17°♓28'51	45°22'04
	-8541 Apr 10 j 17:27	0°♈	
greatest brilliancy	-8541 May 05 j 08:06	15°♈09'54	-4.8m

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

retrograde	-8541 May 15 j 09:47	16°♈58'00	
desc. node	-8541 May 21 j 02:43	16°♈19'59	
evening set	-8541 May 30 j 00:42	12°♈55'49	
inferior conj	-8541 Jun 05 j 08:23	9°♈20'23	-3°34'34
minimum elong	-8541 Jun 05 j 00:47	9°♈31'41	3°32'26
min. Earth dist.	-8541 Jun 05 j 16:42	9°♈08'01	0.27186 AU
morning rise	-8541 Jun 11 j 00:15	6°♈04'40	
direct	-8541 Jun 26 j 09:14	1°♈34'15	
greatest brilliancy	-8541 Jul 07 j 14:40	3°♈53'34	-4.9m
	-8541 Aug 11 j 11:06	0°♉	
morning max el	-8541 Aug 15 j 23:50	4°♉31'56	46°45'50
	-8541 Sep 08 j 11:10	0°♊	
asc. node	-8541 Sep 10 j 06:29	2°♊03'25	
	-8541 Oct 04 j 02:35	0°♋	
	-8541 Oct 28 j 23:45	0°♌	
	-8541 Nov 22 j 16:28	0°♍	
	-8541 Dec 17 j 09:41	0°♎	
desc. node	-8541 Dec 31 j 20:43	17°♎31'45	
	-8540 Jan 11 j 03:34	0°♏	
	-8540 Feb 04 j 20:15	0°♐	
morning set	-8540 Feb 19 j 06:51	17°♐36'28	
	-8540 Feb 29 j 09:59	0°♑	
max. Earth dist.	-8540 Mar 22 j 10:47	27°♑03'26	1.73476 AU
	-8540 Mar 24 j 20:07	0°♒	
superior conj	-8540 Mar 25 j 20:44	1°♒15'48	-0°56'24
minimum elong	-8540 Mar 26 j 04:37	1°♒40'07	0°56'39
	-8540 Apr 18 j 03:00	0°♓	
asc. node	-8540 Apr 21 j 17:53	4°♓29'00	
evening rise	-8540 Apr 30 j 05:45	15°♓00'51	
	-8540 May 12 j 07:30	0°♈	
	-8540 Jun 05 j 10:46	0°♉	
	-8540 Jun 29 j 14:24	0°♊	
	-8540 Jul 23 j 20:39	0°♋	
desc. node	-8540 Aug 12 j 08:31	23°♋54'30	
	-8540 Aug 17 j 08:35	0°♌	
	-8540 Sep 11 j 06:58	0°♍	
	-8540 Oct 07 j 01:55	0°♎	
evening max el	-8540 Nov 01 j 23:20	27°♎56'35	46°22'37
	-8540 Nov 04 j 00:37	0°♏	
asc. node	-8540 Dec 02 j 12:21	23°♏49'50	
greatest brilliancy	-8540 Dec 10 j 16:42	28°♏00'22	-4.8m
	-8540 Dec 17 j 15:04	0°♐	
retrograde	-8540 Dec 21 j 23:09	0°♐22'12	
	-8540 Dec 26 j 04:50	30°℞♏	
evening set	-8539 Jan 07 j 17:40	24°♏48'08	
inferior conj	-8539 Jan 12 j 07:10	21°♏55'23	7°25'50
minimum elong	-8539 Jan 12 j 00:37	22°♏05'56	7°24'43
min. Earth dist.	-8539 Jan 11 j 21:56	22°♏10'16	0.29354 AU
morning rise	-8539 Jan 16 j 07:54	19°♏22'34	
direct	-8539 Feb 02 j 22:58	13°♏27'19	
greatest brilliancy	-8539 Feb 12 j 02:49	14°♏59'15	-4.7m
	-8539 Mar 08 j 23:31	0°♐	
morning max el	-8539 Mar 23 j 18:42	13°♐06'59	45°56'24
desc. node	-8539 Mar 25 j 07:30	14°♐34'47	
	-8539 Apr 09 j 15:31	0°♑	
	-8539 May 07 j 00:05	0°♒	
	-8539 Jun 01 j 16:44	0°♓	
	-8539 Jun 26 j 10:49	0°♈	
asc. node	-8539 Jul 15 j 07:46	23°♈22'41	
	-8539 Jul 20 j 14:56	0°♉	
	-8539 Aug 13 j 11:16	0°♊	
	-8539 Sep 06 j 05:03	0°♋	
morning set	-8539 Sep 21 j 08:31	19°♋06'26	
	-8539 Sep 30 j 00:23	0°♌	
	-8539 Oct 23 j 23:38	0°♍	
superior conj	-8539 Nov 02 j 17:47	12°♍08'32	0°04'47
minimum elong	-8539 Nov 02 j 19:07	12°♍12'42	0°04'58
behind sun begin	-8539 Nov 01 j 17:16	10°♍52'22	
behind sun end	-8539 Nov 03 j 20:58	13°♍33'00	
desc. node	-8539 Nov 04 j 19:53	14°♍44'12	
max. Earth dist.	-8539 Nov 08 j 11:54	19°♍17'25	1.72191 AU
	-8539 Nov 17 j 03:16	0°♎	
	-8539 Dec 11 j 10:23	0°♏	
evening rise	-8539 Dec 13 j 20:09	2°♏57'53	
	-8538 Jan 04 j 20:15	0°♐	
	-8538 Jan 29 j 09:23	0°♑	
	-8538 Feb 23 j 03:48	0°♒	
asc. node	-8538 Feb 24 j 19:02	1°♒57'58	
	-8538 Mar 20 j 06:30	0°♓	
	-8538 Apr 14 j 21:29	0°♈	
	-8538 May 11 j 09:00	0°♉	
	-8538 Jun 08 j 19:11	0°♊	
evening max el	-8538 Jun 09 j 06:18	0°♊27'26	47°00'45
desc. node	-8538 Jun 17 j 12:59	8°♊22'05	
	-8538 Jul 17 j 14:41	0°♋	
greatest brilliancy	-8538 Jul 20 j 11:18	1°♋04'18	-4.9m
retrograde	-8538 Jul 29 j 15:21	2°♋38'44	
	-8538 Aug 10 j 03:02	30°℞♊	
evening set	-8538 Aug 16 j 11:44	26°♊36'34	
inferior conj	-8538 Aug 19 j 07:22	24°♊54'10	-8°50'21
minimum elong	-8538 Aug 19 j 11:20	24°♊48'07	8°49'35
min. Earth dist.	-8538 Aug 19 j 01:02	25°♊03'49	0.26576 AU
morning rise	-8538 Aug 22 j 10:58	23°♊00'19	
direct	-8538 Sep 08 j 13:21	17°♊21'25	
greatest brilliancy	-8538 Sep 18 j 15:23	19°♊18'12	-4.9m
	-8538 Oct 06 j 11:13	0°♋	
asc. node	-8538 Oct 07 j 17:27	0°♋59'42	
morning max el	-8538 Oct 28 j 23:14	20°♋33'41	46°32'56
	-8538 Nov 07 j 01:23	0°♌	
	-8538 Dec 04 j 04:54	0°♍	
	-8538 Dec 30 j 05:57	0°♎	
	-8537 Jan 24 j 20:12	0°♏	
desc. node	-8537 Jan 28 j 09:49	4°♏12'46	
	-8537 Feb 19 j 02:44	0°♐	
	-8537 Mar 16 j 01:27	0°♑	
	-8537 Apr 09 j 16:18	0°♒	
morning set	-8537 Apr 26 j 17:05	20°♒58'24	
	-8537 May 04 j 00:02	0°♓	
asc. node	-8537 May 20 j 07:08	20°♓16'09	
	-8537 May 28 j 02:04	0°♈	
max. Earth dist.	-8537 May 28 j 10:11	0°♈25'23	1.71909 AU
superior conj	-8537 Jun 01 j 17:59	5°♈50'13	0°28'32
minimum elong	-8537 Jun 01 j 12:27	5°♈32'53	0°28'17
	-8537 Jun 21 j 00:08	0°♉	
evening rise	-8537 Jul 09 j 02:30	22°♉46'12	
	-8537 Jul 14 j 20:24	0°♊	
	-8537 Aug 07 j 17:18	0°♋	
	-8537 Aug 31 j 17:11	0°♌	
desc. node	-8537 Sep 09 j 20:18	11°♌21'07	
	-8537 Sep 24 j 21:57	0°♍	
	-8537 Oct 19 j 09:36	0°♎	
	-8537 Nov 13 j 08:04	0°♏	
	-8537 Dec 09 j 03:21	0°♐	
asc. node	-8537 Dec 30 j 22:48	23°♐49'39	
	-8536 Jan 05 j 23:04	0°♑	
evening max el	-8536 Jan 12 j 13:55	6°♑31'40	45°02'52
	-8536 Feb 10 j 23:34	0°♒	
greatest brilliancy	-8536 Feb 19 j 04:53	3°♒50'58	-4.7m
retrograde	-8536 Feb 29 j 16:21	5°♒49'04	
evening set	-8536 Mar 17 j 07:45	0°♒38'29	
	-8536 Mar 18 j 10:17	30°℞♑	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

inferior conj	-8536 Mar 22 j 03:02	27°♉44'46	6°08'27
minimum elong	-8536 Mar 22 j 11:51	27°♉31'05	6°06'20
min. Earth dist.	-8536 Mar 23 j 06:22	27°♉02'19	0.29088 AU
morning rise	-8536 Mar 27 j 15:16	24°♉24'41	
direct	-8536 Apr 13 j 00:31	19°♉20'16	
desc. node	-8536 Apr 21 j 18:19	20°♉43'08	
greatest brilliancy	-8536 Apr 24 j 06:41	21°♉34'53	-4.7m
	-8536 May 09 j 06:09	0°♒	
morning max el	-8536 Jun 01 j 16:16	20°♒14'06	46°20'54
	-8536 Jun 11 j 07:35	0°♓	
	-8536 Jul 08 j 11:07	0°♈	
	-8536 Aug 02 j 18:16	0°♉	
asc. node	-8536 Aug 11 j 20:39	11°♉05'19	
	-8536 Aug 27 j 04:46	0°♊	
	-8536 Sep 20 j 06:25	0°♋	
	-8536 Oct 14 j 06:43	0°♌	
	-8536 Nov 07 j 09:51	0°♍	
	-8536 Dec 01 j 16:55	0°♎	
desc. node	-8536 Dec 02 j 09:23	0°♎50'41	
morning set	-8536 Dec 07 j 05:29	6°♎47'54	
	-8536 Dec 26 j 02:45	0°♏	
superior conj	-8535 Jan 15 j 13:22	25°♏05'08	-1°16'48
minimum elong	-8535 Jan 15 j 07:36	24°♏47'27	1°17'07
max. Earth dist.	-8535 Jan 15 j 11:23	24°♏59'03	1.73629 AU
	-8535 Jan 19 j 13:31	0°♐	
	-8535 Feb 13 j 00:10	0°♑	
evening rise	-8535 Feb 21 j 01:23	9°♑52'47	
greatest brilliancy	-8535 Feb 25 j 06:37	15°♑03'24	-3.9m
	-8535 Mar 09 j 10:54	0°♒	
asc. node	-8535 Mar 24 j 07:09	18°♒11'37	
	-8535 Apr 02 j 22:37	0°♓	
	-8535 Apr 27 j 12:21	0°♈	
	-8535 May 22 j 05:22	0°♉	
	-8535 Jun 16 j 04:15	0°♊	
	-8535 Jul 11 j 15:00	0°♋	
desc. node	-8535 Jul 14 j 23:32	3°♋53'01	
	-8535 Aug 07 j 04:33	0°♌	
evening max el	-8535 Aug 20 j 20:54	14°♌27'08	47°44'58
	-8535 Sep 06 j 03:17	0°♍	
greatest brilliancy	-8535 Oct 01 j 00:19	16°♍36'32	-4.9m
retrograde	-8535 Oct 11 j 03:27	18°♍36'29	
evening set	-8535 Oct 25 j 23:53	14°♍05'33	
min. Earth dist.	-8535 Oct 31 j 07:05	10°♍51'46	0.27398 AU
inferior conj	-8535 Nov 01 j 00:10	10°♍24'37	-0°46'36
minimum elong	-8535 Nov 01 j 01:49	10°♍22'00	0°45'51
asc. node	-8535 Nov 04 j 04:09	8°♍25'27	
morning rise	-8535 Nov 07 j 04:34	6°♍39'48	
direct	-8535 Nov 21 j 12:31	2°♍28'45	
greatest brilliancy	-8535 Nov 30 j 17:33	4°♍05'03	-4.8m
	-8534 Jan 06 j 07:10	0°♎	
morning max el	-8534 Jan 09 j 15:25	3°♎10'38	46°03'19
	-8534 Feb 04 j 18:37	0°♏	
desc. node	-8534 Feb 24 j 22:08	22°♏10'50	
	-8534 Mar 03 j 20:19	0°♐	
	-8534 Mar 29 j 19:03	0°♑	
	-8534 Apr 23 j 23:47	0°♒	
	-8534 May 18 j 14:55	0°♓	
	-8534 Jun 11 j 19:43	0°♈	
asc. node	-8534 Jun 16 j 20:39	6°♈17'59	
morning set	-8534 Jul 04 j 19:58	28°♈52'49	
	-8534 Jul 05 j 17:17	0°♉	
	-8534 Jul 29 j 10:59	0°♊	
superior conj	-8534 Aug 13 j 08:03	18°♊49'28	1°23'11
minimum elong	-8534 Aug 13 j 09:06	18°♊52'46	1°23'43
max. Earth dist.	-8534 Aug 15 j 23:08	22°♊08'55	1.70736 AU
	-8534 Aug 22 j 04:12	0°♋	
	-8534 Sep 14 j 23:50	0°♌	
evening rise	-8534 Sep 24 j 19:21	12°♌18'12	
desc. node	-8534 Oct 07 j 08:52	27°♌59'35	
	-8534 Oct 08 j 23:31	0°♍	
	-8534 Nov 02 j 03:47	0°♎	
	-8534 Nov 26 j 13:00	0°♏	
	-8534 Dec 21 j 04:57	0°♐	
	-8533 Jan 15 j 08:09	0°♑	
asc. node	-8533 Jan 27 j 09:42	14°♑05'43	
	-8533 Feb 10 j 07:33	0°♒	
	-8533 Mar 09 j 22:15	0°♓	
evening max el	-8533 Mar 25 j 06:13	15°♓14'55	45°19'41
	-8533 Apr 11 j 04:23	0°♈	
greatest brilliancy	-8533 May 02 j 20:07	12°♈48'25	-4.8m
retrograde	-8533 May 12 j 22:37	14°♈36'42	
desc. node	-8533 May 20 j 04:54	13°♈35'25	
evening set	-8533 May 27 j 12:35	10°♈36'15	
inferior conj	-8533 Jun 02 j 21:28	6°♈58'45	-3°13'35
minimum elong	-8533 Jun 02 j 14:31	7°♈09'07	3°11'37
min. Earth dist.	-8533 Jun 03 j 06:39	6°♈45'04	0.27235 AU
morning rise	-8533 Jun 08 j 15:51	3°♈39'23	
	-8533 Jun 17 j 15:20	30°℞♓	
direct	-8533 Jun 23 j 23:53	29°♓11'44	
	-8533 Jun 30 j 11:39	0°♈	
greatest brilliancy	-8533 Jul 05 j 04:55	1°♈30'40	-4.9m
	-8533 Aug 11 j 11:30	0°♉	
morning max el	-8533 Aug 13 j 13:30	2°♉06'08	46°45'23
	-8533 Sep 08 j 04:18	0°♊	
asc. node	-8533 Sep 09 j 08:34	1°♊20'57	
	-8533 Oct 03 j 17:10	0°♋	
	-8533 Oct 28 j 13:03	0°♌	
	-8533 Nov 22 j 04:59	0°♍	
	-8533 Dec 16 j 21:39	0°♎	
desc. node	-8533 Dec 30 j 22:54	17°♎02'46	
	-8532 Jan 10 j 15:09	0°♏	
	-8532 Feb 04 j 07:33	0°♐	
morning set	-8532 Feb 17 j 01:02	15°♐31'19	
	-8532 Feb 28 j 21:07	0°♑	
max. Earth dist.	-8532 Mar 20 j 07:33	25°♑05'36	1.73504 AU
superior conj	-8532 Mar 23 j 16:22	29°♑14'23	-0°58'29
minimum elong	-8532 Mar 24 j 00:16	29°♑38'44	0°58'44
	-8532 Mar 24 j 07:10	0°♒	
	-8532 Apr 17 j 14:06	0°♓	
asc. node	-8532 Apr 20 j 20:04	4°♓01'20	
evening rise	-8532 Apr 28 j 01:08	12°♓57'31	
	-8532 May 11 j 18:45	0°♈	
	-8532 Jun 04 j 22:19	0°♉	
	-8532 Jun 29 j 02:21	0°♊	
	-8532 Jul 23 j 09:05	0°♋	
desc. node	-8532 Aug 11 j 10:35	23°♋21'22	
	-8532 Aug 16 j 21:42	0°♌	
	-8532 Sep 10 j 21:10	0°♍	
	-8532 Oct 06 j 18:19	0°♎	
evening max el	-8532 Oct 30 j 15:17	25°♎40'53	46°26'09
	-8532 Nov 03 j 23:29	0°♏	
asc. node	-8532 Dec 01 j 14:41	22°♏28'50	
greatest brilliancy	-8532 Dec 08 j 10:54	25°♏51'40	-4.8m
retrograde	-8532 Dec 19 j 16:18	28°♏12'44	
evening set	-8531 Jan 05 j 08:40	22°♏42'28	
min. Earth dist.	-8531 Jan 09 j 14:08	20°♏02'38	0.29308 AU
inferior conj	-8531 Jan 10 j 00:26	19°♏46'01	7°18'29
minimum elong	-8531 Jan 09 j 17:28	19°♏57'15	7°17'14
morning rise	-8531 Jan 14 j 02:36	17°♏10'42	
direct	-8531 Jan 31 j 15:38	11°♏18'47	
greatest brilliancy	-8531 Feb 09 j 18:07	12°♏49'29	-4.7m

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8531 Mar 09 j 06:11	0°♐	
morning max el	-8531 Mar 21 j 10:01	10°♐55'37	45°56'02
desc. node	-8531 Mar 24 j 09:38	13°♐47'19	
	-8531 Apr 09 j 09:13	0°♑	
	-8531 May 06 j 14:24	0°♒	
	-8531 Jun 01 j 05:35	0°♓	
	-8531 Jun 25 j 22:56	0°♈	
asc. node	-8531 Jul 14 j 09:59	22°♈52'41	
	-8531 Jul 20 j 02:42	0°♉	
	-8531 Aug 12 j 22:51	0°♊	
	-8531 Sep 05 j 16:33	0°♋	
morning set	-8531 Sep 18 j 18:06	16°♋29'19	
	-8531 Sep 29 j 11:49	0°♌	
	-8531 Oct 23 j 11:01	0°♍	
superior conj	-8531 Oct 31 j 03:08	9°♍33'06	0°08'39
minimum elong	-8531 Oct 31 j 05:31	9°♍40'31	0°08'48
behind sun begin	-8531 Oct 30 j 06:32	8°♍29'03	
behind sun end	-8531 Nov 01 j 04:30	10°♍51'58	
desc. node	-8531 Nov 03 j 22:05	14°♍15'43	
max. Earth dist.	-8531 Nov 06 j 02:36	16°♍58'48	1.72122 AU
	-8531 Nov 16 j 14:35	0°♎	
	-8531 Dec 10 j 21:40	0°♏	
evening rise	-8531 Dec 11 j 09:44	0°♏37'09	
	-8530 Jan 04 j 07:34	0°♐	
	-8530 Jan 28 j 20:54	0°♑	
	-8530 Feb 22 j 15:46	0°♒	
asc. node	-8530 Feb 23 j 21:07	1°♒28'12	
	-8530 Mar 19 j 19:18	0°♓	
	-8530 Apr 14 j 11:46	0°♈	
	-8530 May 11 j 02:06	0°♉	
evening max el	-8530 Jun 06 j 18:14	27°♉59'09	46°57'21
	-8530 Jun 08 j 19:41	0°♊	
desc. node	-8530 Jun 16 j 15:19	7°♊21'10	
greatest brilliancy	-8530 Jul 17 j 23:45	28°♊34'25	-4.9m
	-8530 Jul 24 j 11:20	0°♋	
retrograde	-8530 Jul 27 j 02:45	0°♋08'13	
	-8530 Jul 29 j 17:29	30°℞♊	
evening set	-8530 Aug 14 j 00:43	24°♊05'32	
inferior conj	-8530 Aug 16 j 19:34	22°♊24'33	-8°54'03
minimum elong	-8530 Aug 16 j 22:36	22°♊19'56	8°53'23
min. Earth dist.	-8530 Aug 16 j 13:39	22°♊33'35	0.26577 AU
morning rise	-8530 Aug 19 j 20:30	20°♊34'43	
direct	-8530 Sep 06 j 01:11	14°♊51'48	
greatest brilliancy	-8530 Sep 16 j 05:15	16°♊50'01	-4.9m
asc. node	-8530 Oct 06 j 19:45	29°♊46'50	
	-8530 Oct 07 j 02:08	0°♋	
morning max el	-8530 Oct 26 j 11:33	18°♋04'20	46°33'50
	-8530 Nov 06 j 21:22	0°♌	
	-8530 Dec 03 j 20:31	0°♍	
	-8530 Dec 29 j 19:35	0°♎	
	-8529 Jan 24 j 08:44	0°♏	
desc. node	-8529 Jan 27 j 11:52	3°♏42'09	
	-8529 Feb 18 j 14:33	0°♐	
	-8529 Mar 15 j 12:49	0°♑	
	-8529 Apr 09 j 03:25	0°♒	
morning set	-8529 Apr 24 j 11:55	18°♒54'06	
	-8529 May 03 j 11:05	0°♓	
asc. node	-8529 May 19 j 09:22	19°♓48'38	
max. Earth dist.	-8529 May 26 j 04:00	28°♓16'25	1.71972 AU
	-8529 May 27 j 13:08	0°♈	
superior conj	-8529 May 30 j 11:08	3°♈38'57	0°25'30
minimum elong	-8529 May 30 j 06:09	3°♈23'23	0°25'13
	-8529 Jun 20 j 11:17	0°♉	
evening rise	-8529 Jul 06 j 16:43	20°♉24'36	
	-8529 Jul 14 j 07:40	0°♊	
	-8529 Aug 07 j 04:44	0°♋	
	-8529 Aug 31 j 04:50	0°♌	
desc. node	-8529 Sep 08 j 22:25	10°♌51'15	
	-8529 Sep 24 j 09:54	0°♍	
	-8529 Oct 18 j 22:00	0°♎	
	-8529 Nov 12 j 21:18	0°♏	
	-8529 Dec 08 j 18:24	0°♐	
asc. node	-8529 Dec 30 j 01:05	23°♐07'29	
	-8528 Jan 05 j 19:16	0°♑	
evening max el	-8528 Jan 10 j 04:58	4°♑18'59	45°04'18
	-8528 Feb 12 j 18:13	0°♒	
greatest brilliancy	-8528 Feb 16 j 19:35	1°♒41'36	-4.7m
retrograde	-8528 Feb 27 j 08:59	3°♒41'31	
	-8528 Mar 12 j 05:25	30°℞♑	
evening set	-8528 Mar 15 j 02:19	28°♑26'31	
inferior conj	-8528 Mar 19 j 19:21	25°♑35'49	6°20'14
minimum elong	-8528 Mar 20 j 04:02	25°♑22'21	6°18'13
min. Earth dist.	-8528 Mar 20 j 22:00	24°♑54'27	0.29145 AU
morning rise	-8528 Mar 25 j 05:10	22°♑19'15	
direct	-8528 Apr 10 j 17:12	17°♑10'16	
desc. node	-8528 Apr 20 j 20:36	19°♑00'54	
greatest brilliancy	-8528 Apr 21 j 22:22	19°♑24'19	-4.7m
	-8528 May 09 j 21:33	0°♒	
morning max el	-8528 May 30 j 08:58	18°♒02'43	46°19'50
	-8528 Jun 11 j 02:42	0°♓	
	-8528 Jul 08 j 02:08	0°♈	
	-8528 Aug 02 j 07:35	0°♉	
asc. node	-8528 Aug 10 j 22:40	10°♉31'49	
	-8528 Aug 26 j 17:12	0°♊	
	-8528 Sep 19 j 18:21	0°♋	
	-8528 Oct 13 j 18:19	0°♌	
	-8528 Nov 06 j 21:13	0°♍	
desc. node	-8528 Dec 01 j 11:32	0°♎22'58	
	-8528 Dec 01 j 04:05	0°♎	
morning set	-8528 Dec 04 j 18:07	4°♎24'50	
	-8528 Dec 25 j 13:45	0°♏	
superior conj	-8527 Jan 13 j 05:51	22°♏54'57	-1°15'41
minimum elong	-8527 Jan 12 j 23:30	22°♏35'28	1°15'58
max. Earth dist.	-8527 Jan 13 j 07:12	22°♏59'06	1.73608 AU
	-8527 Jan 19 j 00:25	0°♐	
	-8527 Feb 12 j 11:04	0°♑	
evening rise	-8527 Feb 18 j 20:09	7°♑49'41	
greatest brilliancy	-8527 Feb 23 j 20:59	14°♑00'17	-3.9m
	-8527 Mar 08 j 21:55	0°♒	
asc. node	-8527 Mar 23 j 09:22	17°♒44'13	
	-8527 Apr 02 j 09:56	0°♓	
	-8527 Apr 27 j 00:09	0°♈	
	-8527 May 21 j 17:52	0°♉	
	-8527 Jun 15 j 17:48	0°♊	
	-8527 Jul 11 j 06:20	0°♋	
desc. node	-8527 Jul 14 j 01:37	3°♋14'04	
	-8527 Aug 06 j 23:35	0°♌	
evening max el	-8527 Aug 18 j 12:58	12°♌08'37	47°46'01
	-8527 Sep 06 j 12:10	0°♍	
greatest brilliancy	-8527 Sep 28 j 16:04	14°♍15'11	-4.9m
retrograde	-8527 Oct 08 j 19:09	16°♍14'52	
evening set	-8527 Oct 23 j 15:54	11°♍42'34	
min. Earth dist.	-8527 Oct 28 j 21:58	8°♍30'34	0.27337 AU
inferior conj	-8527 Oct 29 j 14:54	8°♍03'43	-1°08'25
minimum elong	-8527 Oct 29 j 17:19	7°♍59'54	1°07'25
asc. node	-8527 Nov 03 j 06:24	5°♍11'52	
morning rise	-8527 Nov 04 j 19:36	4°♍19'11	
direct	-8527 Nov 19 j 02:57	0°♍09'05	
greatest brilliancy	-8527 Nov 28 j 07:55	1°♍45'54	-4.8m
	-8526 Jan 06 j 06:56	0°♎	
morning max el	-8526 Jan 07 j 07:29	0°♎58'55	46°04'00

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8526 Feb 04 j 10:50	0°♏	
desc. node	-8526 Feb 24 j 00:14	21°♏37'03	
	-8526 Mar 03 j 09:54	0°♐	
	-8526 Mar 29 j 07:22	0°♑	
	-8526 Apr 23 j 11:26	0°♒	
	-8526 May 18 j 02:13	0°♓	
	-8526 Jun 11 j 06:50	0°♈	
asc. node	-8526 Jun 15 j 22:47	5°♈49'56	
morning set	-8526 Jul 02 j 09:59	26°♈30'58	
	-8526 Jul 05 j 04:21	0°♉	
	-8526 Jul 28 j 22:04	0°♊	
superior conj	-8526 Aug 10 j 18:41	16°♊16'07	1°23'17
minimum elong	-8526 Aug 10 j 18:42	16°♊16'11	1°23'48
max. Earth dist.	-8526 Aug 13 j 02:11	19°♊11'34	1.70730 AU
	-8526 Aug 21 j 15:22	0°♋	
	-8526 Sep 14 j 11:03	0°♌	
evening rise	-8526 Sep 22 j 02:40	9°♌35'45	
desc. node	-8526 Oct 06 j 11:05	27°♌31'35	
	-8526 Oct 08 j 10:44	0°♍	
	-8526 Nov 01 j 15:03	0°♎	
	-8526 Nov 26 j 00:26	0°♏	
	-8526 Dec 20 j 16:45	0°♐	
	-8525 Jan 14 j 20:47	0°♑	
asc. node	-8525 Jan 26 j 11:46	13°♑33'20	
	-8525 Feb 09 j 21:57	0°♒	
	-8525 Mar 09 j 17:00	0°♓	
evening max el	-8525 Mar 22 j 21:00	13°♓00'35	45°17'13
	-8525 Apr 11 j 18:33	0°♈	
greatest brilliancy	-8525 Apr 30 j 08:52	10°♈28'35	-4.8m
retrograde	-8525 May 10 j 11:01	12°♈16'18	
desc. node	-8525 May 19 j 07:10	10°♈46'07	
evening set	-8525 May 25 j 00:41	8°♈17'21	
inferior conj	-8525 May 31 j 10:35	4°♈38'10	-2°52'18
minimum elong	-8525 May 31 j 04:19	4°♈47'32	2°50'31
min. Earth dist.	-8525 May 31 j 20:58	4°♈22'38	0.27285 AU
morning rise	-8525 Jun 06 j 07:17	1°♈15'12	
	-8525 Jun 08 j 18:49	30°℞♓	
direct	-8525 Jun 21 j 13:55	26°♓50'13	
greatest brilliancy	-8525 Jul 02 j 19:28	29°♓09'02	-4.9m
	-8525 Jul 04 j 19:39	0°♈	
morning max el	-8525 Aug 11 j 02:05	29°♈38'33	46°44'56
	-8525 Aug 11 j 10:31	0°♉	
	-8525 Sep 07 j 20:47	0°♊	
asc. node	-8525 Sep 08 j 10:51	0°♊40'29	
	-8525 Oct 03 j 07:17	0°♋	
	-8525 Oct 28 j 01:55	0°♌	
	-8525 Nov 21 j 17:04	0°♍	
	-8525 Dec 16 j 09:11	0°♎	
desc. node	-8525 Dec 30 j 00:57	16°♎34'40	
	-8524 Jan 10 j 02:17	0°♏	
	-8524 Feb 03 j 18:25	0°♐	
morning set	-8524 Feb 14 j 19:24	13°♐27'58	
	-8524 Feb 28 j 07:50	0°♑	
max. Earth dist.	-8524 Mar 18 j 03:27	23°♑06'18	1.73538 AU
superior conj	-8524 Mar 21 j 12:08	27°♑14'35	-1°00'29
minimum elong	-8524 Mar 21 j 20:00	27°♑38'49	1°00'45
	-8524 Mar 23 j 17:52	0°♒	
	-8524 Apr 17 j 00:52	0°♓	
asc. node	-8524 Apr 19 j 22:17	3°♓34'47	
evening rise	-8524 Apr 25 j 20:31	10°♓55'09	
	-8524 May 11 j 05:45	0°♈	
	-8524 Jun 04 j 09:37	0°♉	
	-8524 Jun 28 j 14:01	0°♊	
	-8524 Jul 22 j 21:15	0°♋	
desc. node	-8524 Aug 10 j 12:44	22°♋49'18	
	-8524 Aug 16 j 10:33	0°♌	
	-8524 Sep 10 j 11:10	0°♍	
	-8524 Oct 06 j 10:39	0°♎	
evening max el	-8524 Oct 28 j 06:31	23°♎24'17	46°29'45
	-8524 Nov 03 j 22:53	0°♏	
asc. node	-8524 Nov 30 j 16:56	21°♏06'21	
greatest brilliancy	-8524 Dec 06 j 05:26	23°♏44'31	-4.8m
retrograde	-8524 Dec 17 j 09:31	26°♏04'52	
evening set	-8523 Jan 02 j 23:46	20°♏38'20	
inferior conj	-8523 Jan 07 j 17:52	17°♏38'18	7°10'29
minimum elong	-8523 Jan 07 j 10:32	17°♏50'09	7°09'09
min. Earth dist.	-8523 Jan 07 j 06:44	17°♏56'17	0.29257 AU
morning rise	-8523 Jan 11 j 21:36	15°♏00'22	
direct	-8523 Jan 29 j 07:57	9°♏11'55	
greatest brilliancy	-8523 Feb 07 j 10:00	10°♏41'59	-4.7m
	-8523 Mar 09 j 10:07	0°♐	
morning max el	-8523 Mar 19 j 01:00	8°♐44'52	45°55'41
desc. node	-8523 Mar 23 j 11:56	13°♐02'25	
	-8523 Apr 09 j 02:03	0°♑	
	-8523 May 06 j 04:11	0°♒	
	-8523 May 31 j 18:04	0°♓	
	-8523 Jun 25 j 10:47	0°♈	
asc. node	-8523 Jul 13 j 12:02	22°♈22'55	
	-8523 Jul 19 j 14:13	0°♉	
	-8523 Aug 12 j 10:12	0°♊	
	-8523 Sep 05 j 03:47	0°♋	
morning set	-8523 Sep 16 j 03:33	13°♋52'29	
	-8523 Sep 28 j 22:58	0°♌	
	-8523 Oct 22 j 22:08	0°♍	
superior conj	-8523 Oct 28 j 12:23	6°♍58'05	0°12'30
minimum elong	-8523 Oct 28 j 15:48	7°♍08'45	0°12'37
behind sun begin	-8523 Oct 27 j 22:27	6°♍14'46	
behind sun end	-8523 Oct 29 j 09:09	8°♍02'43	
desc. node	-8523 Nov 03 j 00:11	13°♍47'50	
max. Earth dist.	-8523 Nov 03 j 14:59	14°♍33'50	1.72052 AU
	-8523 Nov 16 j 01:39	0°♎	
evening rise	-8523 Dec 08 j 23:12	28°♎16'51	
	-8523 Dec 10 j 08:41	0°♏	
	-8522 Jan 03 j 18:37	0°♐	
	-8522 Jan 28 j 08:07	0°♑	
	-8522 Feb 22 j 03:25	0°♒	
asc. node	-8522 Feb 22 j 23:25	1°♒00'02	
	-8522 Mar 19 j 07:48	0°♓	
	-8522 Apr 14 j 01:50	0°♈	
	-8522 May 10 j 19:15	0°♉	
evening max el	-8522 Jun 04 j 05:53	25°♉30'48	46°53'42
	-8522 Jun 08 j 21:14	0°♊	
desc. node	-8522 Jun 15 j 17:24	6°♊18'23	
greatest brilliancy	-8522 Jul 15 j 11:32	26°♊03'35	-4.9m
retrograde	-8522 Jul 24 j 14:15	27°♊37'28	
evening set	-8522 Aug 11 j 12:51	21°♊34'42	
inferior conj	-8522 Aug 14 j 07:29	19°♊54'25	-8°56'36
minimum elong	-8522 Aug 14 j 09:34	19°♊51'15	8°56'00
min. Earth dist.	-8522 Aug 14 j 01:49	20°♊03'01	0.26582 AU
morning rise	-8522 Aug 17 j 06:17	18°♊08'01	
direct	-8522 Sep 03 j 12:58	12°♊21'29	
greatest brilliancy	-8522 Sep 13 j 18:45	14°♊21'16	-4.9m
asc. node	-8522 Oct 05 j 22:01	28°♊36'02	
	-8522 Oct 07 j 13:16	0°♋	
morning max el	-8522 Oct 24 j 00:23	15°♋36'30	46°34'55
	-8522 Nov 06 j 16:39	0°♌	
	-8522 Dec 03 j 11:44	0°♍	
	-8522 Dec 29 j 08:56	0°♎	
	-8521 Jan 23 j 21:00	0°♏	
desc. node	-8521 Jan 26 j 13:56	3°♏12'11	
	-8521 Feb 18 j 02:08	0°♐	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8521 Mar 14 j 23:57	0°♉	
	-8521 Apr 08 j 14:19	0°♒	
morning set	-8521 Apr 22 j 07:15	16°♒52'05	
	-8521 May 02 j 21:54	0°♓	
asc. node	-8521 May 18 j 11:30	19°♓21'30	
max. Earth dist.	-8521 May 23 j 23:05	26°♓12'08	1.72038 AU
	-8521 May 27 j 00:00	0°♈	
superior conj	-8521 May 28 j 04:39	1°♈29'34	0°22'26
minimum elong	-8521 May 28 j 00:15	1°♈15'48	0°22'11
	-8521 Jun 19 j 22:18	0°♉	
evening rise	-8521 Jul 04 j 07:14	18°♉04'18	
	-8521 Jul 13 j 18:53	0°♊	
	-8521 Aug 06 j 16:10	0°♋	
	-8521 Aug 30 j 16:31	0°♌	
desc. node	-8521 Sep 08 j 00:39	10°♌21'42	
	-8521 Sep 23 j 21:53	0°♍	
	-8521 Oct 18 j 10:26	0°♎	
	-8521 Nov 12 j 10:34	0°♏	
	-8521 Dec 08 j 09:35	0°♐	
asc. node	-8521 Dec 29 j 03:12	22°♐24'36	
	-8520 Jan 05 j 16:01	0°♑	
evening max el	-8520 Jan 07 j 21:01	2°♑08'58	45°05'57
greatest brilliancy	-8520 Feb 14 j 10:42	29°♑33'31	-4.7m
	-8520 Feb 15 j 17:30	0°♒	
retrograde	-8520 Feb 25 j 02:00	1°♒34'55	
	-8520 Mar 05 j 00:58	30°℞♑	
evening set	-8520 Mar 12 j 21:11	26°♑15'49	
inferior conj	-8520 Mar 17 j 11:57	23°♑27'58	6°31'28
minimum elong	-8520 Mar 17 j 20:27	23°♑14'45	6°29'33
min. Earth dist.	-8520 Mar 18 j 13:33	22°♑48'10	0.29195 AU
morning rise	-8520 Mar 22 j 19:15	20°♑14'57	
direct	-8520 Apr 08 j 10:32	15°♑01'40	
greatest brilliancy	-8520 Apr 19 j 13:27	17°♑14'09	-4.7m
desc. node	-8520 Apr 19 j 22:43	17°♑23'01	
	-8520 May 10 j 08:44	0°♒	
morning max el	-8520 May 28 j 01:59	15°♒53'02	46°18'44
	-8520 Jun 10 j 21:07	0°♓	
	-8520 Jul 07 j 16:49	0°♈	
	-8520 Aug 01 j 20:45	0°♉	
asc. node	-8520 Aug 10 j 00:57	9°♉59'22	
	-8520 Aug 26 j 05:37	0°♊	
	-8520 Sep 19 j 06:20	0°♋	
	-8520 Oct 13 j 06:02	0°♌	
	-8520 Nov 06 j 08:42	0°♍	
desc. node	-8520 Nov 30 j 13:34	29°♍54'29	
	-8520 Nov 30 j 15:21	0°♎	
morning set	-8520 Dec 02 j 06:15	1°♎59'48	
	-8520 Dec 25 j 00:50	0°♏	
superior conj	-8519 Jan 10 j 21:57	20°♏43'16	-1°14'25
minimum elong	-8519 Jan 10 j 15:03	20°♏22'06	1°14'41
max. Earth dist.	-8519 Jan 11 j 04:39	21°♏03'51	1.73581 AU
	-8519 Jan 18 j 11:24	0°♐	
	-8519 Feb 11 j 22:03	0°♑	
evening rise	-8519 Feb 16 j 14:56	5°♑46'18	
greatest brilliancy	-8519 Feb 22 j 17:35	13°♑16'05	-3.9m
	-8519 Mar 08 j 09:03	0°♒	
asc. node	-8519 Mar 22 j 11:36	17°♒16'41	
	-8519 Apr 01 j 21:20	0°♓	
	-8519 Apr 26 j 11:59	0°♈	
	-8519 May 21 j 06:25	0°♉	
	-8519 Jun 15 j 07:28	0°♊	
	-8519 Jul 10 j 21:53	0°♋	
desc. node	-8519 Jul 13 j 03:49	2°♋34'56	
	-8519 Aug 06 j 19:16	0°♌	
evening max el	-8519 Aug 16 j 05:11	9°♌49'56	47°46'29
	-8519 Sep 07 j 00:34	0°♍	
greatest brilliancy	-8519 Sep 26 j 07:37	11°♍52'01	-4.9m
retrograde	-8519 Oct 06 j 10:22	13°♍50'52	
evening set	-8519 Oct 21 j 07:46	9°♍17'19	
min. Earth dist.	-8519 Oct 26 j 12:35	6°♍07'01	0.27281 AU
inferior conj	-8519 Oct 27 j 05:15	5°♍40'36	-1°30'30
minimum elong	-8519 Oct 27 j 08:27	5°♍35'33	1°29'13
morning rise	-8519 Nov 02 j 10:04	1°♍56'26	
asc. node	-8519 Nov 02 j 08:37	1°♍58'25	
	-8519 Nov 06 j 09:44	30°℞♌	
direct	-8519 Nov 16 j 17:20	27°♌47'19	
greatest brilliancy	-8519 Nov 25 j 21:57	29°♌24'20	-4.8m
	-8519 Nov 27 j 13:21	0°♍	
morning max el	-8518 Jan 04 j 22:40	28°♍43'41	46°04'47
	-8518 Jan 06 j 06:10	0°♎	
	-8518 Feb 04 j 03:06	0°♏	
desc. node	-8518 Feb 23 j 02:33	21°♏03'18	
	-8518 Mar 02 j 23:36	0°♐	
	-8518 Mar 28 j 19:50	0°♑	
	-8518 Apr 22 j 23:14	0°♒	
	-8518 May 17 j 13:39	0°♓	
	-8518 Jun 10 j 18:04	0°♈	
asc. node	-8518 Jun 15 j 00:51	5°♈21'16	
morning set	-8518 Jun 30 j 00:44	24°♈11'03	
	-8518 Jul 04 j 15:32	0°♉	
	-8518 Jul 28 j 09:17	0°♊	
superior conj	-8518 Aug 08 j 06:09	13°♊45'03	1°23'12
minimum elong	-8518 Aug 08 j 05:09	13°♊41'55	1°23'43
max. Earth dist.	-8518 Aug 10 j 04:01	16°♊10'06	1.70731 AU
	-8518 Aug 21 j 02:40	0°♋	
	-8518 Sep 13 j 22:25	0°♌	
evening rise	-8518 Sep 19 j 10:14	6°♌53'20	
desc. node	-8518 Oct 05 j 13:11	27°♌02'24	
	-8518 Oct 07 j 22:13	0°♍	
	-8518 Nov 01 j 02:39	0°♎	
	-8518 Nov 25 j 12:14	0°♏	
	-8518 Dec 20 j 04:59	0°♐	
	-8517 Jan 14 j 09:52	0°♑	
asc. node	-8517 Jan 25 j 14:06	13°♑00'28	
	-8517 Feb 09 j 12:54	0°♒	
	-8517 Mar 09 j 12:40	0°♓	
evening max el	-8517 Mar 20 j 10:52	10°♓43'17	45°14'58
	-8517 Apr 12 j 13:54	0°♈	
greatest brilliancy	-8517 Apr 27 j 22:13	8°♈08'55	-4.7m
retrograde	-8517 May 07 j 23:17	9°♈55'50	
desc. node	-8517 May 18 j 09:19	7°♈51'31	
evening set	-8517 May 22 j 13:06	5°♈57'44	
inferior conj	-8517 May 28 j 23:51	2°♈17'30	-2°30'45
minimum elong	-8517 May 28 j 18:18	2°♈25'47	2°29'12
min. Earth dist.	-8517 May 29 j 11:48	1°♈59'35	0.27333 AU
	-8517 Jun 01 j 20:58	30°℞♓	
morning rise	-8517 Jun 03 j 22:41	28°♓51'05	
direct	-8517 Jun 19 j 03:31	24°♓28'17	
greatest brilliancy	-8517 Jun 30 j 10:42	26°♓47'50	-4.9m
	-8517 Jul 07 j 01:04	0°♈	
morning max el	-8517 Aug 08 j 14:20	27°♈09'38	46°44'40
	-8517 Aug 11 j 08:49	0°♉	
asc. node	-8517 Sep 07 j 13:05	29°♉59'45	
	-8517 Sep 07 j 13:10	0°♊	
	-8517 Oct 02 j 21:27	0°♋	
	-8517 Oct 27 j 14:58	0°♌	
	-8517 Nov 21 j 05:26	0°♍	
	-8517 Dec 15 j 21:05	0°♎	
desc. node	-8517 Dec 29 j 03:03	16°♎05'29	
	-8516 Jan 09 j 13:50	0°♏	
	-8516 Feb 03 j 05:43	0°♐	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

morning set	-8516 Feb 12 j 13:06	11°♐21'20	
	-8516 Feb 27 j 18:57	0°♑	
max. Earth dist.	-8516 Mar 15 j 23:00	21°♑04'49	1.73569 AU
superior conj	-8516 Mar 19 j 07:31	25°♑12'30	-1°02'25
minimum elong	-8516 Mar 19 j 15:18	25°♑36'29	1°02'42
	-8516 Mar 23 j 04:55	0°♒	
	-8516 Apr 16 j 12:00	0°♓	
asc. node	-8516 Apr 19 j 00:21	3°♓06'41	
evening rise	-8516 Apr 23 j 15:44	8°♓51'22	
	-8516 May 10 j 17:05	0°♈	
	-8516 Jun 03 j 21:16	0°♉	
	-8516 Jun 28 j 02:04	0°♊	
	-8516 Jul 22 j 09:46	0°♋	
desc. node	-8516 Aug 09 j 15:03	22°♋16'49	
	-8516 Aug 15 j 23:44	0°♌	
	-8516 Sep 10 j 01:31	0°♍	
	-8516 Oct 06 j 03:30	0°♎	
evening max el	-8516 Oct 25 j 20:58	21°♎04'48	46°33'12
	-8516 Nov 03 j 23:46	0°♏	
asc. node	-8516 Nov 29 j 19:05	19°♏39'39	
greatest brilliancy	-8516 Dec 03 j 23:26	21°♏35'05	-4.8m
retrograde	-8516 Dec 15 j 02:39	23°♏55'19	
evening set	-8516 Dec 31 j 14:36	18°♏32'17	
inferior conj	-8515 Jan 05 j 11:07	15°♏28'43	7°01'40
minimum elong	-8515 Jan 05 j 03:27	15°♏41'06	7°00'14
min. Earth dist.	-8515 Jan 04 j 23:14	15°♏47'56	0.29212 AU
morning rise	-8515 Jan 09 j 16:37	12°♏48'02	
direct	-8515 Jan 26 j 23:50	7°♏02'54	
greatest brilliancy	-8515 Feb 05 j 02:10	8°♏32'58	-4.7m
	-8515 Mar 09 j 13:10	0°♐	
morning max el	-8515 Mar 16 j 16:25	6°♐33'34	45°55'26
desc. node	-8515 Mar 22 j 14:01	12°♐16'05	
	-8515 Apr 08 j 19:05	0°♑	
	-8515 May 05 j 18:16	0°♒	
	-8515 May 31 j 06:51	0°♓	
	-8515 Jun 24 j 22:56	0°♈	
asc. node	-8515 Jul 12 j 14:15	21°♈52'44	
	-8515 Jul 19 j 02:03	0°♉	
	-8515 Aug 11 j 21:51	0°♊	
	-8515 Sep 04 j 15:18	0°♋	
morning set	-8515 Sep 13 j 13:20	11°♋15'40	
	-8515 Sep 28 j 10:25	0°♌	
	-8515 Oct 22 j 09:30	0°♍	
superior conj	-8515 Oct 25 j 21:49	4°♍22'47	0°16'18
minimum elong	-8515 Oct 26 j 02:16	4°♍36'38	0°16'24
max. Earth dist.	-8515 Nov 01 j 02:01	12°♍03'48	1.71982 AU
desc. node	-8515 Nov 02 j 02:14	13°♍19'02	
	-8515 Nov 15 j 12:57	0°♎	
evening rise	-8515 Dec 06 j 12:41	25°♎55'45	
	-8515 Dec 09 j 19:58	0°♏	
	-8514 Jan 03 j 05:58	0°♐	
	-8514 Jan 27 j 19:42	0°♑	
	-8514 Feb 21 j 15:31	0°♒	
asc. node	-8514 Feb 22 j 01:37	0°♒30'19	
	-8514 Mar 18 j 20:49	0°♓	
	-8514 Apr 13 j 16:29	0°♈	
	-8514 May 10 j 13:11	0°♉	
evening max el	-8514 Jun 01 j 18:04	23°♉03'05	46°50'12
	-8514 Jun 09 j 00:37	0°♊	
desc. node	-8514 Jun 14 j 19:37	5°♊13'19	
greatest brilliancy	-8514 Jul 12 j 22:31	23°♊31'08	-4.9m
retrograde	-8514 Jul 22 j 02:15	25°♊05'54	
evening set	-8514 Aug 09 j 00:21	19°♊03'38	
inferior conj	-8514 Aug 11 j 19:19	17°♊23'12	-8°58'01
minimum elong	-8514 Aug 11 j 20:26	17°♊21'30	8°57'29
min. Earth dist.	-8514 Aug 11 j 13:31	17°♊31'58	0.26586 AU
morning rise	-8514 Aug 14 j 16:30	15°♊39'33	
direct	-8514 Sep 01 j 01:12	9°♊50'11	
greatest brilliancy	-8514 Sep 11 j 07:37	11°♊50'55	-4.9m
asc. node	-8514 Oct 05 j 00:09	27°♊26'03	
	-8514 Oct 07 j 21:51	0°♋	
morning max el	-8514 Oct 21 j 14:11	13°♋10'20	46°36'04
	-8514 Nov 06 j 11:41	0°♌	
	-8514 Dec 03 j 02:58	0°♍	
	-8514 Dec 28 j 22:23	0°♎	
	-8513 Jan 23 j 09:25	0°♏	
desc. node	-8513 Jan 25 j 16:12	2°♏42'21	
	-8513 Feb 17 j 13:55	0°♐	
	-8513 Mar 14 j 11:21	0°♑	
	-8513 Apr 08 j 01:31	0°♒	
morning set	-8513 Apr 20 j 02:22	14°♒48'33	
	-8513 May 02 j 09:03	0°♓	
asc. node	-8513 May 17 j 13:37	18°♓53'23	
max. Earth dist.	-8513 May 21 j 16:06	24°♓00'35	1.72099 AU
superior conj	-8513 May 25 j 22:00	29°♓18'49	0°19'20
minimum elong	-8513 May 25 j 18:11	29°♓06'55	0°19'06
	-8513 May 26 j 11:10	0°♈	
	-8513 Jun 19 j 09:34	0°♉	
evening rise	-8513 Jul 01 j 21:44	15°♉43'13	
	-8513 Jul 13 j 06:19	0°♊	
	-8513 Aug 06 j 03:49	0°♋	
	-8513 Aug 30 j 04:25	0°♌	
desc. node	-8513 Sep 07 j 02:44	9°♌51'00	
	-8513 Sep 23 j 10:06	0°♍	
	-8513 Oct 17 j 23:06	0°♎	
	-8513 Nov 12 j 00:06	0°♏	
	-8513 Dec 08 j 01:06	0°♐	
asc. node	-8513 Dec 28 j 05:34	21°♐41'24	
evening max el	-8512 Jan 05 j 13:29	29°♐59'34	45°07'36
	-8512 Jan 05 j 13:40	0°♑	
greatest brilliancy	-8512 Feb 12 j 02:11	27°♑25'31	-4.7m
retrograde	-8512 Feb 22 j 18:47	29°♑27'43	
evening set	-8512 Mar 10 j 16:01	24°♑04'51	
inferior conj	-8512 Mar 15 j 04:33	21°♑19'36	6°42'03
minimum elong	-8512 Mar 15 j 12:49	21°♑06'43	6°40'13
min. Earth dist.	-8512 Mar 16 j 05:01	20°♑41'28	0.29246 AU
morning rise	-8512 Mar 20 j 09:15	18°♑10'01	
direct	-8512 Apr 06 j 03:58	12°♑52'40	
greatest brilliancy	-8512 Apr 17 j 04:04	15°♑02'45	-4.7m
desc. node	-8512 Apr 19 j 00:54	15°♑47'44	
	-8512 May 10 j 17:24	0°♒	
morning max el	-8512 May 25 j 18:38	13°♒41'46	46°17'32
	-8512 Jun 10 j 15:25	0°♓	
	-8512 Jul 07 j 07:35	0°♈	
	-8512 Aug 01 j 10:00	0°♉	
asc. node	-8512 Aug 09 j 03:11	9°♉26'22	
	-8512 Aug 25 j 18:06	0°♊	
	-8512 Sep 18 j 18:23	0°♋	
	-8512 Oct 12 j 17:48	0°♌	
	-8512 Nov 05 j 20:15	0°♍	
morning set	-8512 Nov 29 j 18:26	29°♍34'35	
desc. node	-8512 Nov 29 j 15:43	29°♍26'13	
	-8512 Nov 30 j 02:41	0°♎	
	-8512 Dec 24 j 11:59	0°♏	
superior conj	-8511 Jan 08 j 14:02	18°♏31'22	-1°13'04
minimum elong	-8511 Jan 08 j 06:38	18°♏08'39	1°13'17
max. Earth dist.	-8511 Jan 09 j 03:04	19°♏11'22	1.73549 AU
	-8511 Jan 17 j 22:25	0°♐	
	-8511 Feb 11 j 09:04	0°♑	
evening rise	-8511 Feb 14 j 09:46	3°♑43'02	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

greatest brilliancy	-8511 Feb 21 j 13:48	12°♋30'39	-3.9m
	-8511 Mar 07 j 20:12	0°♒	
asc. node	-8511 Mar 21 j 13:42	16°♒48'33	
	-8511 Apr 01 j 08:48	0°♓	
	-8511 Apr 25 j 23:58	0°♈	
	-8511 May 20 j 19:10	0°♉	
	-8511 Jun 14 j 21:23	0°♊	
	-8511 Jul 10 j 13:48	0°♋	
desc. node	-8511 Jul 12 j 06:07	1°♋55'22	
	-8511 Aug 06 j 15:37	0°♌	
evening max el	-8511 Aug 13 j 21:04	7°♌30'07	47°46'59
	-8511 Sep 07 j 17:02	0°♍	
greatest brilliancy	-8511 Sep 23 j 23:39	9°♍29'28	-4.9m
retrograde	-8511 Oct 04 j 01:15	11°♍26'44	
evening set	-8511 Oct 18 j 23:51	6°♍52'01	
min. Earth dist.	-8511 Oct 24 j 03:26	3°♍43'16	0.27222 AU
inferior conj	-8511 Oct 24 j 19:38	3°♍17'35	-1°52'24
minimum elong	-8511 Oct 24 j 23:35	3°♍11'20	1°50'54
	-8511 Oct 30 j 05:25	30°℞♌	
morning rise	-8511 Oct 31 j 00:17	29°♌33'50	
asc. node	-8511 Nov 01 j 10:52	28°♌48'26	
direct	-8511 Nov 14 j 07:29	25°♌25'47	
greatest brilliancy	-8511 Nov 23 j 12:12	27°♌02'57	-4.8m
	-8511 Nov 30 j 06:31	0°♍	
morning max el	-8510 Jan 02 j 13:04	26°♍26'34	46°05'36
	-8510 Jan 06 j 04:23	0°♎	
	-8510 Feb 03 j 19:00	0°♏	
desc. node	-8510 Feb 22 j 04:34	20°♏29'18	
	-8510 Mar 02 j 13:06	0°♐	
	-8510 Mar 28 j 08:08	0°♑	
	-8510 Apr 22 j 10:54	0°♒	
	-8510 May 17 j 00:59	0°♓	
	-8510 Jun 10 j 05:16	0°♈	
asc. node	-8510 Jun 14 j 03:07	4°♈53'20	
morning set	-8510 Jun 27 j 15:19	21°♈50'41	
	-8510 Jul 04 j 02:43	0°♉	
	-8510 Jul 27 j 20:31	0°♊	
superior conj	-8510 Aug 05 j 17:25	11°♊13'21	1°22'56
minimum elong	-8510 Aug 05 j 15:26	11°♊07'06	1°23'26
max. Earth dist.	-8510 Aug 07 j 02:30	12°♊57'57	1.70735 AU
	-8510 Aug 20 j 13:57	0°♋	
	-8510 Sep 13 j 09:45	0°♌	
evening rise	-8510 Sep 16 j 17:27	4°♌09'57	
desc. node	-8510 Oct 04 j 15:15	26°♌33'25	
	-8510 Oct 07 j 09:35	0°♍	
	-8510 Oct 31 j 14:07	0°♎	
	-8510 Nov 24 j 23:55	0°♏	
	-8510 Dec 19 j 17:05	0°♐	
	-8509 Jan 13 j 22:51	0°♑	
asc. node	-8509 Jan 24 j 16:21	12°♑27'44	
	-8509 Feb 09 j 03:48	0°♒	
	-8509 Mar 09 j 08:36	0°♓	
evening max el	-8509 Mar 18 j 00:19	8°♓25'58	45°12'53
	-8509 Apr 13 j 15:22	0°♈	
greatest brilliancy	-8509 Apr 25 j 11:23	5°♈50'20	-4.7m
retrograde	-8509 May 05 j 11:48	7°♈37'08	
desc. node	-8509 May 17 j 11:31	4°♈53'43	
evening set	-8509 May 20 j 01:54	3°♈39'08	
inferior conj	-8509 May 26 j 13:18	29°♓58'17	-2°09'14
minimum elong	-8509 May 26 j 08:31	0°♈05'28	2°07'54
	-8509 May 26 j 12:10	30°℞♓	
min. Earth dist.	-8509 May 27 j 02:51	29°♓38'00	0.27391 AU
morning rise	-8509 Jun 01 j 14:09	26°♓28'49	
direct	-8509 Jun 16 j 17:12	22°♓07'31	
greatest brilliancy	-8509 Jun 28 j 02:34	24°♓28'34	-4.9m
	-8509 Jul 08 j 11:50	0°♈	
morning max el	-8509 Aug 06 j 03:20	24°♈43'04	46°44'14
	-8509 Aug 11 j 06:13	0°♉	
asc. node	-8509 Sep 06 j 15:12	29°♉19'13	
	-8509 Sep 07 j 05:14	0°♊	
	-8509 Oct 02 j 11:25	0°♋	
	-8509 Oct 27 j 03:49	0°♌	
	-8509 Nov 20 j 17:34	0°♍	
	-8509 Dec 15 j 08:43	0°♎	
desc. node	-8509 Dec 28 j 05:15	15°♎37'30	
	-8508 Jan 09 j 01:06	0°♏	
	-8508 Feb 02 j 16:43	0°♐	
morning set	-8508 Feb 10 j 06:51	9°♐15'39	
	-8508 Feb 27 j 05:48	0°♑	
max. Earth dist.	-8508 Mar 13 j 19:47	19°♑07'59	1.73597 AU
superior conj	-8508 Mar 17 j 03:13	23°♑12'14	-1°04'15
minimum elong	-8508 Mar 17 j 10:55	23°♑35'56	1°04'34
	-8508 Mar 22 j 15:42	0°♒	
	-8508 Apr 15 j 22:52	0°♓	
asc. node	-8508 Apr 18 j 02:34	2°♓39'55	
evening rise	-8508 Apr 21 j 11:25	6°♓49'59	
	-8508 May 10 j 04:09	0°♈	
	-8508 Jun 03 j 08:38	0°♉	
	-8508 Jun 27 j 13:50	0°♊	
	-8508 Jul 21 j 22:05	0°♋	
desc. node	-8508 Aug 08 j 17:05	21°♋43'55	
	-8508 Aug 15 j 12:49	0°♌	
	-8508 Sep 09 j 15:52	0°♍	
	-8508 Oct 05 j 20:32	0°♎	
evening max el	-8508 Oct 23 j 11:56	18°♎46'59	46°36'55
	-8508 Nov 04 j 01:45	0°♏	
asc. node	-8508 Nov 28 j 21:26	18°♏10'58	
greatest brilliancy	-8508 Dec 01 j 17:04	19°♏25'45	-4.8m
retrograde	-8508 Dec 12 j 20:15	21°♏46'34	
evening set	-8508 Dec 29 j 05:26	16°♏26'46	
min. Earth dist.	-8507 Jan 02 j 15:32	13°♏40'35	0.29161 AU
inferior conj	-8507 Jan 03 j 04:24	13°♏19'50	6°52'22
minimum elong	-8507 Jan 02 j 20:25	13°♏32'42	6°50'49
morning rise	-8507 Jan 07 j 11:43	10°♏36'31	
direct	-8507 Jan 24 j 15:48	4°♏54'36	
greatest brilliancy	-8507 Feb 02 j 18:06	6°♏24'43	-4.7m
	-8507 Mar 09 j 14:19	0°♐	
morning max el	-8507 Mar 14 j 08:48	4°♐25'45	45°55'16
desc. node	-8507 Mar 21 j 16:12	11°♐31'44	
	-8507 Apr 08 j 11:24	0°♑	
	-8507 May 05 j 07:51	0°♒	
	-8507 May 30 j 19:13	0°♓	
	-8507 Jun 24 j 10:41	0°♈	
asc. node	-8507 Jul 11 j 16:28	21°♈23'45	
	-8507 Jul 18 j 13:29	0°♉	
	-8507 Aug 11 j 09:08	0°♊	
	-8507 Sep 04 j 02:31	0°♋	
morning set	-8507 Sep 10 j 23:07	8°♋39'43	
	-8507 Sep 27 j 21:35	0°♌	
	-8507 Oct 21 j 20:38	0°♍	
superior conj	-8507 Oct 23 j 06:43	1°♍46'16	0°20'08
minimum elong	-8507 Oct 23 j 12:11	2°♍03'17	0°20'13
max. Earth dist.	-8507 Oct 29 j 10:39	9°♍26'49	1.71916 AU
desc. node	-8507 Nov 01 j 04:26	12°♍51'22	
	-8507 Nov 15 j 00:02	0°♎	
evening rise	-8507 Dec 04 j 01:35	23°♎33'32	
	-8507 Dec 09 j 07:01	0°♏	
	-8506 Jan 02 j 17:03	0°♐	
	-8506 Jan 27 j 07:01	0°♑	
asc. node	-8506 Feb 21 j 03:44	0°♒01'10	
	-8506 Feb 21 j 03:20	0°♒	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8506 Mar 18 j 09:35	0°♓	
	-8506 Apr 13 j 06:56	0°♈	
	-8506 May 10 j 07:04	0°♉	
evening max el	-8506 May 30 j 07:33	20°♉40'07	46°46'46
	-8506 Jun 09 j 05:01	0°♊	
desc. node	-8506 Jun 13 j 21:56	4°♊08'16	
greatest brilliancy	-8506 Jul 10 j 09:11	21°♊00'25	-4.9m
retrograde	-8506 Jul 19 j 14:52	22°♊36'24	
evening set	-8506 Aug 06 j 11:30	16°♊35'34	
inferior conj	-8506 Aug 09 j 07:20	14°♊54'02	-8°58'22
minimum elong	-8506 Aug 09 j 07:28	14°♊53'49	8°57'51
min. Earth dist.	-8506 Aug 09 j 01:05	15°♊03'27	0.26591 AU
morning rise	-8506 Aug 12 j 03:27	13°♊12'14	
direct	-8506 Aug 29 j 14:07	7°♊21'10	
greatest brilliancy	-8506 Sep 08 j 20:07	9°♊21'55	-4.9m
asc. node	-8506 Oct 04 j 02:28	26°♊19'41	
	-8506 Oct 08 j 03:32	0°♋	
morning max el	-8506 Oct 19 j 04:28	10°♋46'28	46°36'51
	-8506 Nov 06 j 05:54	0°♌	
	-8506 Dec 02 j 17:46	0°♍	
	-8506 Dec 28 j 11:31	0°♎	
	-8505 Jan 22 j 21:32	0°♏	
desc. node	-8505 Jan 24 j 18:14	2°♏12'36	
	-8505 Feb 17 j 01:23	0°♐	
	-8505 Mar 13 j 22:26	0°♑	
	-8505 Apr 07 j 12:23	0°♒	
morning set	-8505 Apr 17 j 21:37	12°♒46'32	
	-8505 May 01 j 19:52	0°♓	
asc. node	-8505 May 16 j 15:50	18°♓26'37	
max. Earth dist.	-8505 May 19 j 07:34	21°♓45'14	1.72160 AU
superior conj	-8505 May 23 j 15:42	27°♓10'13	0°16'15
minimum elong	-8505 May 23 j 12:30	27°♓00'15	0°16'00
	-8505 May 25 j 22:02	0°♈	
	-8505 Jun 18 j 20:32	0°♉	
evening rise	-8505 Jun 29 j 12:44	13°♉24'47	
	-8505 Jul 12 j 17:26	0°♊	
	-8505 Aug 05 j 15:08	0°♋	
	-8505 Aug 29 j 15:59	0°♌	
desc. node	-8505 Sep 06 j 04:53	9°♌21'32	
	-8505 Sep 22 j 21:59	0°♍	
	-8505 Oct 17 j 11:29	0°♎	
	-8505 Nov 11 j 13:27	0°♏	
	-8505 Dec 07 j 16:38	0°♐	
asc. node	-8505 Dec 27 j 07:48	20°♐57'51	
evening max el	-8504 Jan 03 j 05:54	27°♐50'26	45°09'18
	-8504 Jan 05 j 11:56	0°♑	
greatest brilliancy	-8504 Feb 09 j 18:29	25°♑19'04	-4.7m
retrograde	-8504 Feb 20 j 11:12	27°♑21'17	
evening set	-8504 Mar 08 j 10:53	21°♑55'01	
inferior conj	-8504 Mar 12 j 21:17	19°♑12'20	6°51'57
minimum elong	-8504 Mar 13 j 05:15	18°♑59'53	6°50'16
min. Earth dist.	-8504 Mar 13 j 20:49	18°♑35'32	0.29290 AU
morning rise	-8504 Mar 17 j 23:18	16°♑06'03	
direct	-8504 Apr 03 j 21:10	10°♑44'51	
greatest brilliancy	-8504 Apr 14 j 18:47	12°♑52'25	-4.7m
desc. node	-8504 Apr 18 j 03:10	14°♑16'35	
	-8504 May 10 j 23:16	0°♒	
morning max el	-8504 May 23 j 10:28	11°♒29'30	46°16'19
	-8504 Jun 10 j 08:58	0°♓	
	-8504 Jul 06 j 21:54	0°♈	
	-8504 Jul 31 j 22:55	0°♉	
asc. node	-8504 Aug 08 j 05:12	8°♉53'41	
	-8504 Aug 25 j 06:17	0°♊	
	-8504 Sep 18 j 06:09	0°♋	
	-8504 Oct 12 j 05:17	0°♌	
	-8504 Nov 05 j 07:30	0°♍	
morning set	-8504 Nov 27 j 06:41	27°♍10'17	
desc. node	-8504 Nov 28 j 17:51	28°♍58'43	
	-8504 Nov 29 j 13:44	0°♎	
	-8504 Dec 23 j 22:54	0°♏	
superior conj	-8503 Jan 06 j 05:55	16°♏19'23	-1°11'35
minimum elong	-8503 Jan 05 j 22:02	15°♏55'13	1°11'45
max. Earth dist.	-8503 Jan 07 j 00:48	17°♏17'20	1.73519 AU
	-8503 Jan 17 j 09:16	0°♐	
	-8503 Feb 10 j 19:56	0°♑	
evening rise	-8503 Feb 12 j 04:17	1°♑39'16	
greatest brilliancy	-8503 Feb 20 j 10:46	11°♑47'57	-3.9m
	-8503 Mar 07 j 07:12	0°♒	
asc. node	-8503 Mar 20 j 15:56	16°♒21'20	
	-8503 Mar 31 j 20:06	0°♓	
	-8503 Apr 25 j 11:48	0°♈	
	-8503 May 20 j 07:48	0°♉	
	-8503 Jun 14 j 11:15	0°♊	
	-8503 Jul 10 j 05:47	0°♋	
desc. node	-8503 Jul 11 j 08:12	1°♋15'18	
	-8503 Aug 06 j 12:24	0°♌	
evening max el	-8503 Aug 11 j 12:14	5°♌08'55	47°47'15
	-8503 Sep 08 j 14:41	0°♍	
greatest brilliancy	-8503 Sep 21 j 16:16	7°♍08'07	-4.9m
retrograde	-8503 Oct 01 j 15:45	9°♍03'10	
evening set	-8503 Oct 16 j 16:05	4°♍27'07	
inferior conj	-8503 Oct 22 j 10:04	0°♍55'20	-2°14'11
minimum elong	-8503 Oct 22 j 14:44	0°♍47'55	2°12'27
min. Earth dist.	-8503 Oct 21 j 18:38	1°♍19'48	0.27165 AU
	-8503 Oct 23 j 21:06	30°℞♌	
morning rise	-8503 Oct 28 j 14:19	27°♌12'05	
asc. node	-8503 Oct 31 j 13:08	25°♌43'14	
direct	-8503 Nov 11 j 21:04	23°♌04'52	
greatest brilliancy	-8503 Nov 21 j 02:57	24°♌42'40	-4.8m
	-8503 Dec 01 j 22:24	0°♍	
morning max el	-8503 Dec 31 j 02:50	24°♍08'13	46°06'25
	-8502 Jan 06 j 01:33	0°♎	
	-8502 Feb 03 j 10:31	0°♏	
desc. node	-8502 Feb 21 j 06:43	19°♏56'04	
	-8502 Mar 02 j 02:24	0°♐	
	-8502 Mar 27 j 20:21	0°♑	
	-8502 Apr 21 j 22:29	0°♒	
	-8502 May 16 j 12:13	0°♓	
	-8502 Jun 09 j 16:22	0°♈	
asc. node	-8502 Jun 13 j 05:14	4°♈25'17	
morning set	-8502 Jun 25 j 06:04	19°♈31'13	
	-8502 Jul 03 j 13:47	0°♉	
	-8502 Jul 27 j 07:40	0°♊	
superior conj	-8502 Aug 03 j 04:53	8°♊42'35	1°22'31
minimum elong	-8502 Aug 03 j 01:59	8°♊33'24	1°23'00
max. Earth dist.	-8502 Aug 04 j 02:28	9°♊50'48	1.70748 AU
	-8502 Aug 20 j 01:11	0°♋	
	-8502 Sep 12 j 21:03	0°♌	
evening rise	-8502 Sep 14 j 00:52	1°♌27'15	
desc. node	-8502 Oct 03 j 17:29	26°♌04'59	
	-8502 Oct 06 j 20:57	0°♍	
	-8502 Oct 31 j 01:35	0°♎	
	-8502 Nov 24 j 11:35	0°♏	
	-8502 Dec 19 j 05:11	0°♐	
	-8501 Jan 13 j 11:53	0°♑	
asc. node	-8501 Jan 23 j 18:28	11°♑54'26	
	-8501 Feb 08 j 18:54	0°♒	
	-8501 Mar 09 j 05:15	0°♓	
evening max el	-8501 Mar 15 j 13:51	6°♓08'51	45°10'53
	-8501 Apr 15 j 03:17	0°♈	
greatest brilliancy	-8501 Apr 23 j 00:06	3°♈31'13	-4.7m

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

retrograde	-8501 May 03 j 00:51	5°♈18'39	
desc. node	-8501 May 16 j 13:46	1°♈51'39	
evening set	-8501 May 17 j 14:57	1°♈20'14	
	-8501 May 20 j 02:30	30°♓	
inferior conj	-8501 May 24 j 02:48	27°♓39'04	-1°47'36
minimum elong	-8501 May 23 j 22:47	27°♓45'05	1°46'30
min. Earth dist.	-8501 May 24 j 17:45	27°♓16'42	0.27449 AU
morning rise	-8501 May 30 j 05:34	24°♓07'01	
direct	-8501 Jun 14 j 07:10	19°♓46'44	
greatest brilliancy	-8501 Jun 25 j 18:26	22°♓09'31	-4.9m
	-8501 Jul 09 j 12:41	0°♈	
morning max el	-8501 Aug 03 j 17:18	22°♈19'11	46°43'47
	-8501 Aug 11 j 02:53	0°♉	
asc. node	-8501 Sep 05 j 17:30	28°♉39'40	
	-8501 Sep 06 j 21:03	0°♊	
	-8501 Oct 02 j 01:17	0°♋	
	-8501 Oct 26 j 16:38	0°♌	
	-8501 Nov 20 j 05:44	0°♍	
	-8501 Dec 14 j 20:25	0°♎	
desc. node	-8501 Dec 27 j 07:16	15°♎08'44	
	-8500 Jan 08 j 12:26	0°♏	
	-8500 Feb 02 j 03:47	0°♐	
morning set	-8500 Feb 08 j 00:36	7°♐09'39	
	-8500 Feb 26 j 16:43	0°♑	
max. Earth dist.	-8500 Mar 11 j 18:21	17°♑16'18	1.73628 AU
superior conj	-8500 Mar 14 j 22:53	21°♑11'34	-1°06'00
minimum elong	-8500 Mar 15 j 06:27	21°♑34'51	1°06'20
	-8500 Mar 22 j 02:36	0°♒	
	-8500 Apr 15 j 09:53	0°♓	
asc. node	-8500 Apr 17 j 04:48	2°♓12'42	
evening rise	-8500 Apr 19 j 07:03	4°♓48'04	
	-8500 May 09 j 15:24	0°♈	
	-8500 Jun 02 j 20:12	0°♉	
	-8500 Jun 27 j 01:48	0°♊	
	-8500 Jul 21 j 10:34	0°♋	
desc. node	-8500 Aug 07 j 19:17	21°♋10'59	
	-8500 Aug 15 j 02:07	0°♌	
	-8500 Sep 09 j 06:32	0°♍	
	-8500 Oct 05 j 14:06	0°♎	
evening max el	-8500 Oct 21 j 03:53	16°♎31'02	46°40'33
	-8500 Nov 04 j 05:34	0°♏	
asc. node	-8500 Nov 27 j 23:41	16°♏38'16	
greatest brilliancy	-8500 Nov 29 j 10:13	17°♏14'50	-4.8m
retrograde	-8500 Dec 10 j 14:09	19°♏36'39	
evening set	-8500 Dec 26 j 20:09	14°♏20'06	
inferior conj	-8500 Dec 31 j 21:30	11°♏09'43	6°42'21
minimum elong	-8500 Dec 31 j 13:17	11°♏22'57	6°40'43
min. Earth dist.	-8500 Dec 31 j 07:28	11°♏32'20	0.29107 AU
morning rise	-8499 Jan 05 j 06:48	8°♏23'42	
direct	-8499 Jan 22 j 08:03	2°♏45'14	
greatest brilliancy	-8499 Jan 31 j 09:22	4°♏14'59	-4.7m
	-8499 Mar 09 j 14:31	0°♐	
morning max el	-8499 Mar 12 j 01:49	2°♐18'59	45°55'07
desc. node	-8499 Mar 20 j 18:28	10°♐47'44	
	-8499 Apr 08 j 03:39	0°♑	
	-8499 May 04 j 21:33	0°♒	
	-8499 May 30 j 07:47	0°♓	
	-8499 Jun 23 j 22:42	0°♈	
asc. node	-8499 Jul 10 j 18:31	20°♈53'25	
	-8499 Jul 18 j 01:12	0°♉	
	-8499 Aug 10 j 20:40	0°♊	
	-8499 Sep 03 j 13:58	0°♋	
morning set	-8499 Sep 08 j 08:52	6°♋02'53	
	-8499 Sep 27 j 08:59	0°♌	
superior conj	-8499 Oct 20 j 15:24	29°♌08'14	0°23'57
minimum elong	-8499 Oct 20 j 21:50	29°♌28'19	0°23'59
	-8499 Oct 21 j 08:00	0°♍	
max. Earth dist.	-8499 Oct 26 j 20:45	6°♍53'37	1.71853 AU
desc. node	-8499 Oct 31 j 06:32	12°♍22'39	
	-8499 Nov 14 j 11:22	0°♎	
evening rise	-8499 Dec 01 j 14:20	21°♎10'00	
	-8499 Dec 08 j 18:20	0°♏	
	-8498 Jan 02 j 04:26	0°♐	
	-8498 Jan 26 j 18:37	0°♑	
asc. node	-8498 Feb 20 j 06:04	29°♑31'52	
	-8498 Feb 20 j 15:27	0°♒	
	-8498 Mar 17 j 22:40	0°♓	
	-8498 Apr 12 j 21:49	0°♈	
	-8498 May 10 j 01:45	0°♉	
evening max el	-8498 May 27 j 21:38	18°♉17'38	46°43'02
	-8498 Jun 09 j 11:59	0°♊	
desc. node	-8498 Jun 13 j 00:01	2°♊59'33	
greatest brilliancy	-8498 Jul 07 j 19:37	18°♊27'57	-4.9m
retrograde	-8498 Jul 17 j 03:06	20°♊04'43	
evening set	-8498 Aug 03 j 21:52	14°♊06'29	
inferior conj	-8498 Aug 06 j 19:05	12°♊22'54	-8°57'41
minimum elong	-8498 Aug 06 j 18:15	12°♊24'10	8°57'10
min. Earth dist.	-8498 Aug 06 j 12:30	12°♊32'50	0.26596 AU
morning rise	-8498 Aug 09 j 14:39	10°♊42'01	
direct	-8498 Aug 27 j 02:55	4°♊50'23	
greatest brilliancy	-8498 Sep 06 j 08:14	6°♊50'40	-4.9m
asc. node	-8498 Oct 03 j 04:43	25°♊13'37	
	-8498 Oct 08 j 07:52	0°♋	
morning max el	-8498 Oct 16 j 18:00	8°♋19'27	46°37'41
	-8498 Nov 06 j 00:05	0°♌	
	-8498 Dec 02 j 08:42	0°♍	
	-8498 Dec 28 j 00:51	0°♎	
	-8497 Jan 22 j 09:56	0°♏	
desc. node	-8497 Jan 23 j 20:20	1°♏42'10	
	-8497 Feb 16 j 13:10	0°♐	
	-8497 Mar 13 j 09:49	0°♑	
	-8497 Apr 06 j 23:34	0°♒	
morning set	-8497 Apr 15 j 17:05	10°♒44'20	
	-8497 May 01 j 06:58	0°♓	
asc. node	-8497 May 15 j 17:59	17°♓58'42	
max. Earth dist.	-8497 May 16 j 22:51	19°♓28'39	1.72224 AU
superior conj	-8497 May 21 j 09:40	25°♓01'44	0°13'10
minimum elong	-8497 May 21 j 07:05	24°♓53'40	0°12'56
behind sun begin	-8497 May 20 j 17:41	24°♓11'52	
behind sun end	-8497 May 21 j 20:29	25°♓35'29	
	-8497 May 25 j 09:11	0°♈	
	-8497 Jun 18 j 07:49	0°♉	
evening rise	-8497 Jun 27 j 03:57	11°♉06'01	
	-8497 Jul 12 j 04:55	0°♊	
	-8497 Aug 05 j 02:52	0°♋	
	-8497 Aug 29 j 03:59	0°♌	
desc. node	-8497 Sep 05 j 07:07	8°♌51'03	
	-8497 Sep 22 j 10:18	0°♍	
	-8497 Oct 17 j 00:19	0°♎	
	-8497 Nov 11 j 03:17	0°♏	
	-8497 Dec 07 j 08:48	0°♐	
asc. node	-8497 Dec 26 j 09:58	20°♐12'24	
evening max el	-8497 Dec 31 j 21:33	25°♐38'12	45°11'04
	-8496 Jan 05 j 11:39	0°♑	
greatest brilliancy	-8496 Feb 07 j 11:09	23°♑11'55	-4.7m
retrograde	-8496 Feb 18 j 03:13	25°♑14'00	
evening set	-8496 Mar 06 j 05:43	19°♑44'18	
inferior conj	-8496 Mar 10 j 14:05	17°♑04'15	7°01'23
minimum elong	-8496 Mar 10 j 21:42	16°♑52'18	6°59'49
min. Earth dist.	-8496 Mar 11 j 12:58	16°♑28'20	0.29330 AU
morning rise	-8496 Mar 15 j 13:21	14°♑01'20	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

direct	-8496 Apr 01 j 13:58	8°♉36'10		
greatest brilliancy	-8496 Apr 12 j 10:04	10°♉41'51	-4.7m	
desc. node	-8496 Apr 17 j 05:18	12°♉47'22		
	-8496 May 11 j 03:38	0°♒		
morning max el	-8496 May 21 j 01:34	9°♒14'39	46°15'17	
	-8496 Jun 10 j 02:26	0°♓		
	-8496 Jul 06 j 12:20	0°♈		
	-8496 Jul 31 j 12:02	0°♉		
asc. node	-8496 Aug 07 j 07:32	8°♉21'11		
	-8496 Aug 24 j 18:44	0°♊		
	-8496 Sep 17 j 18:15	0°♋		
	-8496 Oct 11 j 17:07	0°♌		
	-8496 Nov 04 j 19:07	0°♍		
morning set	-8496 Nov 24 j 18:23	24°♍43'06		
desc. node	-8496 Nov 27 j 19:54	28°♍29'50		
	-8496 Nov 29 j 01:09	0°♎		
	-8496 Dec 23 j 10:09	0°♏		
superior conj	-8495 Jan 03 j 21:25	14°♏05'15	-1°09'57	
minimum elong	-8495 Jan 03 j 13:07	13°♏39'45	1°10'06	
max. Earth dist.	-8495 Jan 04 j 21:26	15°♏19'00	1.73483 AU	
	-8495 Jan 16 j 20:26	0°♐		
evening rise	-8495 Feb 09 j 22:38	29°♐33'59		
	-8495 Feb 10 j 07:07	0°♑		
greatest brilliancy	-8495 Feb 19 j 09:06	11°♑08'27	-3.9m	
	-8495 Mar 06 j 18:32	0°♒		
asc. node	-8495 Mar 19 j 18:09	15°♒53'03		
	-8495 Mar 31 j 07:44	0°♓		
	-8495 Apr 24 j 23:57	0°♈		
	-8495 May 19 j 20:45	0°♉		
	-8495 Jun 14 j 01:27	0°♊		
	-8495 Jul 09 j 22:13	0°♋		
desc. node	-8495 Jul 10 j 10:25	0°♋34'37		
	-8495 Aug 06 j 10:11	0°♌		
evening max el	-8495 Aug 09 j 02:12	2°♌43'49	47°47'12	
	-8495 Sep 09 j 21:13	0°♍		
greatest brilliancy	-8495 Sep 19 j 08:55	4°♍45'05	-4.9m	
retrograde	-8495 Sep 29 j 05:37	6°♍37'44		
evening set	-8495 Oct 14 j 08:11	1°♍59'50		
	-8495 Oct 17 j 15:59	30°℞♌		
min. Earth dist.	-8495 Oct 19 j 09:56	28°♌53'55	0.27115 AU	
inferior conj	-8495 Oct 20 j 00:15	28°♌31'12	-2°36'03	
minimum elong	-8495 Oct 20 j 05:39	28°♌22'40	2°34'05	
morning rise	-8495 Oct 26 j 03:53	24°♌48'41		
asc. node	-8495 Oct 30 j 15:21	22°♌40'29		
direct	-8495 Nov 09 j 10:05	20°♌41'41		
greatest brilliancy	-8495 Nov 18 j 18:05	22°♌20'59	-4.8m	
	-8495 Dec 03 j 03:02	0°♍		
morning max el	-8495 Dec 28 j 16:27	21°♍48'03	46°07'23	
	-8494 Jan 05 j 22:29	0°♎		
	-8494 Feb 03 j 02:09	0°♏		
desc. node	-8494 Feb 20 j 09:01	19°♏22'44		
	-8494 Mar 01 j 15:53	0°♐		
	-8494 Mar 27 j 08:44	0°♑		
	-8494 Apr 21 j 10:16	0°♒		
	-8494 May 15 j 23:40	0°♓		
	-8494 Jun 09 j 03:39	0°♈		
asc. node	-8494 Jun 12 j 07:20	3°♈56'33		
morning set	-8494 Jun 22 j 21:15	17°♈12'37		
	-8494 Jul 03 j 01:03	0°♉		
	-8494 Jul 26 j 18:57	0°♊		
superior conj	-8494 Jul 31 j 16:51	6°♊12'54	1°21'56	
minimum elong	-8494 Jul 31 j 13:03	6°♊00'54	1°22'23	
max. Earth dist.	-8494 Aug 01 j 06:34	6°♊56'16	1.70763 AU	
	-8494 Aug 19 j 12:32	0°♋		
evening rise	-8494 Sep 11 j 08:41	28°♋45'23		
	-8494 Sep 12 j 08:28	0°♌		
desc. node	-8494 Oct 02 j 19:34	25°♌35'37		
	-8494 Oct 06 j 08:28	0°♍		
	-8494 Oct 30 j 13:14	0°♎		
	-8494 Nov 23 j 23:28	0°♏		
	-8494 Dec 18 j 17:31	0°♐		
	-8493 Jan 13 j 01:11	0°♑		
asc. node	-8493 Jan 22 j 20:48	11°♑21'03		
	-8493 Feb 08 j 10:25	0°♒		
	-8493 Mar 09 j 02:49	0°♓		
evening max el	-8493 Mar 13 j 03:54	3°♓52'43	45°09'06	
	-8493 Apr 17 j 10:20	0°♈		
greatest brilliancy	-8493 Apr 20 j 12:15	1°♈11'25	-4.7m	
retrograde	-8493 Apr 30 j 14:24	3°♈00'01		
	-8493 May 13 j 03:46	30°℞♓		
evening set	-8493 May 15 j 04:15	29°♓00'55		
desc. node	-8493 May 15 j 15:55	28°♓45'47		
inferior conj	-8493 May 21 j 16:16	25°♓19'29	-1°25'45	
minimum elong	-8493 May 21 j 13:03	25°♓24'18	1°24'55	
min. Earth dist.	-8493 May 22 j 08:18	24°♓55'31	0.27509 AU	
morning rise	-8493 May 27 j 20:49	21°♓45'13		
direct	-8493 Jun 11 j 21:40	17°♓25'40		
greatest brilliancy	-8493 Jun 23 j 09:52	19°♓49'46	-4.8m	
	-8493 Jul 10 j 07:15	0°♈		
morning max el	-8493 Aug 01 j 08:07	19°♈57'28	46°43'27	
	-8493 Aug 10 j 23:00	0°♉		
asc. node	-8493 Sep 04 j 19:43	28°♉00'11		
	-8493 Sep 06 j 12:40	0°♊		
	-8493 Oct 01 j 15:01	0°♋		
	-8493 Oct 26 j 05:23	0°♌		
	-8493 Nov 19 j 17:52	0°♍		
	-8493 Dec 14 j 08:07	0°♎		
desc. node	-8493 Dec 26 j 09:25	14°♎40'13		
	-8492 Jan 07 j 23:48	0°♏		
	-8492 Feb 01 j 14:54	0°♐		
morning set	-8492 Feb 05 j 17:59	5°♐02'20		
	-8492 Feb 26 j 03:40	0°♑		
max. Earth dist.	-8492 Mar 09 j 17:46	15°♑27'08	1.73653 AU	
superior conj	-8492 Mar 12 j 18:15	19°♑09'58	-1°07'42	
minimum elong	-8492 Mar 13 j 01:38	19°♑32'40	1°08'02	
	-8492 Mar 21 j 13:31	0°♒		
	-8492 Apr 14 j 20:54	0°♓		
asc. node	-8492 Apr 16 j 06:51	1°♓44'58		
evening rise	-8492 Apr 17 j 02:34	2°♓45'53		
	-8492 May 09 j 02:39	0°♈		
	-8492 Jun 02 j 07:47	0°♉		
	-8492 Jun 26 j 13:48	0°♊		
	-8492 Jul 20 j 23:07	0°♋		
desc. node	-8492 Aug 06 j 21:33	20°♋38'15		
	-8492 Aug 14 j 15:27	0°♌		
	-8492 Sep 08 j 21:13	0°♍		
	-8492 Oct 05 j 07:52	0°♎		
evening max el	-8492 Oct 18 j 20:38	14°♎17'34	46°44'08	
	-8492 Nov 04 j 10:59	0°♏		
greatest brilliancy	-8492 Nov 27 j 03:16	15°♏04'14	-4.8m	
asc. node	-8492 Nov 27 j 01:50	15°♏02'48		
retrograde	-8492 Dec 08 j 08:14	17°♏26'53		
evening set	-8492 Dec 24 j 10:58	12°♏13'47		
min. Earth dist.	-8492 Dec 28 j 23:17	9°♏24'33	0.29053 AU	
inferior conj	-8492 Dec 29 j 14:38	8°♏59'50	6°31'41	
minimum elong	-8492 Dec 29 j 06:14	9°♏13'22	6°29'58	
morning rise	-8491 Jan 03 j 01:59	6°♏10'59		
direct	-8491 Jan 20 j 00:45	0°♏36'16		
greatest brilliancy	-8491 Jan 29 j 00:24	2°♏05'09	-4.7m	
	-8491 Mar 09 j 13:34	0°♐		
morning max el	-8491 Mar 09 j 19:06	0°♐13'05	45°54'52	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

desc. node	-8491 Mar 19 j 20:33	10°♐04'03	
	-8491 Apr 07 j 19:32	0°♑	
	-8491 May 04 j 11:02	0°♒	
	-8491 May 29 j 20:10	0°♓	
	-8491 Jun 23 j 10:31	0°♈	
asc. node	-8491 Jul 09 j 20:46	20°♈24'13	
	-8491 Jul 17 j 12:44	0°♉	
	-8491 Aug 10 j 08:03	0°♊	
	-8491 Sep 03 j 01:16	0°♋	
morning set	-8491 Sep 05 j 18:49	3°♋27'06	
	-8491 Sep 26 j 20:14	0°♌	
superior conj	-8491 Oct 18 j 00:16	26°♌31'14	0°27'42
minimum elong	-8491 Oct 18 j 07:37	26°♌54'10	0°27'43
	-8491 Oct 20 j 19:10	0°♍	
max. Earth dist.	-8491 Oct 24 j 09:12	4°♍28'11	1.71785 AU
desc. node	-8491 Oct 30 j 08:35	11°♍54'26	
	-8491 Nov 13 j 22:28	0°♎	
evening rise	-8491 Nov 29 j 03:10	18°♎47'26	
	-8491 Dec 08 j 05:24	0°♏	
	-8490 Jan 01 j 15:34	0°♐	
	-8490 Jan 26 j 06:02	0°♑	
asc. node	-8490 Feb 19 j 08:14	29°♑02'37	
	-8490 Feb 20 j 03:25	0°♒	
	-8490 Mar 17 j 11:38	0°♓	
	-8490 Apr 12 j 12:40	0°♈	
	-8490 May 09 j 20:37	0°♉	
evening max el	-8490 May 25 j 11:31	15°♉55'32	46°39'17
	-8490 Jun 09 j 20:59	0°♊	
desc. node	-8490 Jun 12 j 02:16	1°♊50'10	
greatest brilliancy	-8490 Jul 05 j 06:28	15°♊57'04	-4.9m
retrograde	-8490 Jul 14 j 14:49	17°♊33'57	
evening set	-8490 Aug 01 j 07:44	11°♊39'24	
inferior conj	-8490 Aug 04 j 06:54	9°♊52'54	-8°55'51
minimum elong	-8490 Aug 04 j 05:05	9°♊55'38	8°55'18
min. Earth dist.	-8490 Aug 04 j 00:16	10°♊02'55	0.26601 AU
morning rise	-8490 Aug 07 j 02:28	8°♊11'57	
direct	-8490 Aug 24 j 15:32	2°♊20'39	
greatest brilliancy	-8490 Sep 03 j 20:50	4°♊20'39	-4.9m
asc. node	-8490 Oct 02 j 06:51	24°♊09'37	
	-8490 Oct 08 j 10:18	0°♋	
morning max el	-8490 Oct 14 j 06:44	5°♋50'55	46°38'33
	-8490 Nov 05 j 17:36	0°♌	
	-8490 Dec 01 j 23:10	0°♍	
	-8490 Dec 27 j 13:46	0°♎	
	-8489 Jan 21 j 21:55	0°♏	
desc. node	-8489 Jan 22 j 22:35	1°♏13'22	
	-8489 Feb 16 j 00:33	0°♐	
	-8489 Mar 12 j 20:52	0°♑	
	-8489 Apr 06 j 10:26	0°♒	
morning set	-8489 Apr 13 j 12:30	8°♒42'55	
	-8489 Apr 30 j 17:47	0°♓	
max. Earth dist.	-8489 May 14 j 14:23	17°♓13'45	1.72289 AU
asc. node	-8489 May 14 j 20:05	17°♓31'32	
superior conj	-8489 May 19 j 03:40	22°♓54'22	0°10'04
minimum elong	-8489 May 19 j 01:42	22°♓48'14	0°09'51
behind sun begin	-8489 May 18 j 07:49	21°♓52'26	
behind sun end	-8489 May 19 j 19:36	23°♓44'03	
	-8489 May 24 j 20:03	0°♈	
	-8489 Jun 17 j 18:48	0°♉	
evening rise	-8489 Jun 24 j 19:18	8°♉48'45	
	-8489 Jul 11 j 16:06	0°♊	
	-8489 Aug 04 j 14:18	0°♋	
	-8489 Aug 28 j 15:42	0°♌	
desc. node	-8489 Sep 04 j 09:11	8°♌20'51	
	-8489 Sep 21 j 22:22	0°♍	
	-8489 Oct 16 j 12:54	0°♎	
	-8489 Nov 10 j 16:53	0°♏	
	-8489 Dec 07 j 00:48	0°♐	
asc. node	-8489 Dec 25 j 12:19	19°♐28'09	
evening max el	-8489 Dec 29 j 12:26	23°♐25'17	45°13'03
	-8488 Jan 05 j 11:53	0°♑	
greatest brilliancy	-8488 Feb 05 j 03:49	21°♑06'24	-4.7m
retrograde	-8488 Feb 15 j 19:31	23°♑08'52	
evening set	-8488 Mar 04 j 00:40	17°♑35'36	
inferior conj	-8488 Mar 08 j 07:08	14°♑58'10	7°10'04
minimum elong	-8488 Mar 08 j 14:23	14°♑46'46	7°08'35
min. Earth dist.	-8488 Mar 09 j 05:28	14°♑23'03	0.29371 AU
morning rise	-8488 Mar 13 j 03:45	11°♑58'41	
direct	-8488 Mar 30 j 06:39	6°♑29'21	
greatest brilliancy	-8488 Apr 10 j 02:10	8°♑33'58	-4.7m
desc. node	-8488 Apr 16 j 07:29	11°♑22'36	
	-8488 May 11 j 05:50	0°♒	
morning max el	-8488 May 18 j 16:48	7°♒01'22	46°14'10
	-8488 Jun 09 j 19:12	0°♓	
	-8488 Jul 06 j 02:18	0°♈	
	-8488 Jul 31 j 00:45	0°♉	
asc. node	-8488 Aug 06 j 09:41	7°♉49'18	
	-8488 Aug 24 j 06:49	0°♊	
	-8488 Sep 17 j 05:58	0°♋	
	-8488 Oct 11 j 04:35	0°♌	
	-8488 Nov 04 j 06:22	0°♍	
morning set	-8488 Nov 22 j 05:52	22°♍16'02	
desc. node	-8488 Nov 26 j 22:02	28°♍02'15	
	-8488 Nov 28 j 12:13	0°♎	
	-8488 Dec 22 j 21:04	0°♏	
superior conj	-8487 Jan 01 j 12:50	11°♏51'55	-1°08'13
minimum elong	-8487 Jan 01 j 04:10	11°♏25'16	1°08'19
max. Earth dist.	-8487 Jan 02 j 16:05	13°♏15'34	1.73441 AU
	-8487 Jan 16 j 07:14	0°♐	
evening rise	-8487 Feb 07 j 17:02	27°♐30'03	
	-8487 Feb 09 j 17:55	0°♑	
greatest brilliancy	-8487 Feb 18 j 02:45	10°♑15'51	-3.9m
	-8487 Mar 06 j 05:28	0°♒	
asc. node	-8487 Mar 18 j 20:15	15°♒25'36	
	-8487 Mar 30 j 19:00	0°♓	
	-8487 Apr 24 j 11:47	0°♈	
	-8487 May 19 j 09:28	0°♉	
	-8487 Jun 13 j 15:30	0°♊	
desc. node	-8487 Jul 09 j 12:42	29°♊54'28	
	-8487 Jul 09 j 14:40	0°♋	
	-8487 Aug 06 j 08:28	0°♌	
evening max el	-8487 Aug 06 j 15:43	0°♌18'24	47°47'08
	-8487 Sep 11 j 17:02	0°♍	
greatest brilliancy	-8487 Sep 17 j 01:07	2°♍22'02	-4.9m
retrograde	-8487 Sep 26 j 19:24	4°♍12'56	
	-8487 Oct 11 j 04:37	30°℞♌	
evening set	-8487 Oct 12 j 00:15	29°♌32'31	
min. Earth dist.	-8487 Oct 17 j 00:59	26°♌28'30	0.27068 AU
inferior conj	-8487 Oct 17 j 14:17	26°♌07'28	-2°57'39
minimum elong	-8487 Oct 17 j 20:22	25°♌57'51	2°55'29
morning rise	-8487 Oct 23 j 17:09	22°♌26'11	
asc. node	-8487 Oct 29 j 17:35	19°♌43'13	
direct	-8487 Nov 06 j 22:57	18°♌18'39	
greatest brilliancy	-8487 Nov 16 j 09:10	19°♌59'50	-4.8m
	-8487 Dec 03 j 23:35	0°♍	
morning max el	-8487 Dec 26 j 06:46	19°♍30'13	46°08'27
	-8486 Jan 05 j 18:26	0°♎	
	-8486 Feb 02 j 17:14	0°♏	
desc. node	-8486 Feb 19 j 10:59	18°♏49'39	
	-8486 Mar 01 j 04:56	0°♐	
	-8486 Mar 26 j 20:42	0°♑	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8486 Apr 20 j 21:38	0°♒	
	-8486 May 15 j 10:44	0°♓	
	-8486 Jun 08 j 14:37	0°♈	
asc. node	-8486 Jun 11 j 09:35	3°♈29'19	
morning set	-8486 Jun 20 j 12:39	14°♈55'46	
	-8486 Jul 02 j 12:02	0°♉	
	-8486 Jul 26 j 06:01	0°♊	
superior conj	-8486 Jul 29 j 04:49	3°♊43'53	1°21'11
minimum elong	-8486 Jul 29 j 00:10	3°♊29'12	1°21'36
max. Earth dist.	-8486 Jul 29 j 12:26	4°♊07'58	1.70784 AU
	-8486 Aug 18 j 23:40	0°♋	
evening rise	-8486 Sep 08 j 16:20	26°♋03'35	
	-8486 Sep 11 j 19:40	0°♌	
desc. node	-8486 Oct 01 j 21:39	25°♌06'55	
	-8486 Oct 05 j 19:46	0°♍	
	-8486 Oct 30 j 00:40	0°♎	
	-8486 Nov 23 j 11:09	0°♏	
	-8486 Dec 18 j 05:41	0°♐	
	-8485 Jan 12 j 14:22	0°♑	
asc. node	-8485 Jan 21 j 23:01	10°♑47'47	
	-8485 Feb 08 j 01:53	0°♒	
	-8485 Mar 09 j 00:50	0°♓	
evening max el	-8485 Mar 10 j 18:59	1°♓40'11	45°07'35
greatest brilliancy	-8485 Apr 18 j 00:27	28°♓53'31	-4.7m
	-8485 Apr 21 j 21:41	0°♈	
retrograde	-8485 Apr 28 j 04:26	0°♈43'16	
	-8485 May 04 j 06:47	30°℞♓	
evening set	-8485 May 12 j 18:07	26°♓43'34	
desc. node	-8485 May 14 j 18:07	25°♓39'09	
inferior conj	-8485 May 19 j 06:01	23°♓01'49	-1°04'05
minimum elong	-8485 May 19 j 03:36	23°♓05'26	1°03'30
min. Earth dist.	-8485 May 19 j 22:42	22°♓36'53	0.27570 AU
morning rise	-8485 May 25 j 12:09	19°♓25'32	
direct	-8485 Jun 09 j 12:54	15°♓06'48	
greatest brilliancy	-8485 Jun 21 j 00:46	17°♓31'03	-4.8m
	-8485 Jul 10 j 20:39	0°♈	
morning max el	-8485 Jul 29 j 23:18	17°♈37'40	46°42'43
	-8485 Aug 10 j 18:18	0°♉	
asc. node	-8485 Sep 03 j 21:48	27°♉21'08	
	-8485 Sep 06 j 03:55	0°♊	
	-8485 Oct 01 j 04:33	0°♋	
	-8485 Oct 25 j 17:59	0°♌	
	-8485 Nov 19 j 05:52	0°♍	
	-8485 Dec 13 j 19:41	0°♎	
desc. node	-8485 Dec 25 j 11:36	14°♎12'16	
	-8484 Jan 07 j 11:03	0°♏	
	-8484 Feb 01 j 01:54	0°♐	
morning set	-8484 Feb 03 j 11:06	2°♐54'33	
	-8484 Feb 25 j 14:30	0°♑	
max. Earth dist.	-8484 Mar 07 j 16:55	13°♑37'28	1.73672 AU
superior conj	-8484 Mar 10 j 13:35	17°♑08'30	-1°09'17
minimum elong	-8484 Mar 10 j 20:45	17°♑30'32	1°09'40
	-8484 Mar 21 j 00:20	0°♒	
	-8484 Apr 14 j 07:48	0°♓	
evening rise	-8484 Apr 14 j 22:12	0°♓44'31	
asc. node	-8484 Apr 15 j 09:05	1°♓18'07	
	-8484 May 08 j 13:46	0°♈	
	-8484 Jun 01 j 19:13	0°♉	
	-8484 Jun 26 j 01:40	0°♊	
	-8484 Jul 20 j 11:35	0°♋	
desc. node	-8484 Aug 05 j 23:36	20°♋04'54	
	-8484 Aug 14 j 04:48	0°♌	
	-8484 Sep 08 j 12:06	0°♍	
	-8484 Oct 05 j 02:08	0°♎	
evening max el	-8484 Oct 16 j 13:38	12°♎04'15	46°47'37
	-8484 Nov 04 j 18:53	0°♏	
greatest brilliancy	-8484 Nov 24 j 20:37	12°♏53'11	-4.8m
asc. node	-8484 Nov 26 j 04:10	13°♏23'21	
retrograde	-8484 Dec 06 j 01:53	15°♏15'49	
evening set	-8484 Dec 22 j 01:35	10°♏06'29	
min. Earth dist.	-8484 Dec 26 j 14:56	7°♏15'37	0.28992 AU
inferior conj	-8484 Dec 27 j 07:31	6°♏48'54	6°20'24
minimum elong	-8484 Dec 26 j 22:58	7°♏02'41	6°18'36
morning rise	-8484 Dec 31 j 20:54	3°♏57'02	
	-8483 Jan 08 j 22:42	30°℞♎	
direct	-8483 Jan 17 j 17:23	28°♎26'27	
greatest brilliancy	-8483 Jan 26 j 15:03	29°♎54'08	-4.7m
	-8483 Jan 26 j 22:24	0°♏	
morning max el	-8483 Mar 07 j 11:29	28°♏04'51	45°54'39
	-8483 Mar 09 j 11:48	0°♐	
desc. node	-8483 Mar 18 j 22:44	9°♐21'08	
	-8483 Apr 07 j 11:13	0°♑	
	-8483 May 04 j 00:25	0°♒	
	-8483 May 29 j 08:28	0°♓	
	-8483 Jun 22 j 22:16	0°♈	
asc. node	-8483 Jul 08 j 22:55	19°♈55'00	
	-8483 Jul 17 j 00:11	0°♉	
	-8483 Aug 09 j 19:23	0°♊	
	-8483 Sep 02 j 12:32	0°♋	
morning set	-8483 Sep 03 j 04:58	0°♋51'53	
	-8483 Sep 26 j 07:30	0°♌	
superior conj	-8483 Oct 15 j 08:49	23°♌52'53	0°31'24
minimum elong	-8483 Oct 15 j 17:01	24°♌18'30	0°31'25
	-8483 Oct 20 j 06:26	0°♍	
max. Earth dist.	-8483 Oct 21 j 22:12	2°♍04'01	1.71722 AU
desc. node	-8483 Oct 29 j 10:48	11°♍26'22	
	-8483 Nov 13 j 09:42	0°♎	
evening rise	-8483 Nov 26 j 15:12	16°♎21'47	
	-8483 Dec 07 j 16:37	0°♏	
	-8482 Jan 01 j 02:52	0°♐	
	-8482 Jan 25 j 17:37	0°♑	
asc. node	-8482 Feb 18 j 10:21	28°♑32'39	
	-8482 Feb 19 j 15:35	0°♒	
	-8482 Mar 17 j 00:52	0°♓	
	-8482 Apr 12 j 03:52	0°♈	
	-8482 May 09 j 16:08	0°♉	
evening max el	-8482 May 23 j 00:37	13°♉31'19	46°35'37
	-8482 Jun 10 j 09:04	0°♊	
desc. node	-8482 Jun 11 j 04:34	0°♊38'50	
greatest brilliancy	-8482 Jul 02 j 17:59	13°♊27'13	-4.9m
retrograde	-8482 Jul 12 j 02:06	15°♊03'44	
evening set	-8482 Jul 29 j 17:13	9°♊13'44	
inferior conj	-8482 Aug 01 j 18:52	7°♊23'36	-8°52'56
minimum elong	-8482 Aug 01 j 16:05	7°♊27'48	8°52'21
min. Earth dist.	-8482 Aug 01 j 12:29	7°♊33'14	0.26605 AU
morning rise	-8482 Aug 04 j 14:57	5°♊41'48	
	-8482 Aug 19 j 12:30	30°℞♉	
direct	-8482 Aug 22 j 03:48	29°♉51'29	
	-8482 Aug 24 j 19:42	0°♊	
greatest brilliancy	-8482 Sep 01 j 10:05	1°♊51'50	-4.9m
asc. node	-8482 Oct 01 j 09:09	23°♊07'44	
	-8482 Oct 08 j 11:23	0°♋	
morning max el	-8482 Oct 11 j 18:24	3°♋19'27	46°39'14
	-8482 Nov 05 j 10:52	0°♌	
	-8482 Dec 01 j 13:40	0°♍	
	-8482 Dec 27 j 02:51	0°♎	
	-8481 Jan 21 j 10:07	0°♏	
desc. node	-8481 Jan 22 j 00:36	0°♏43'08	
	-8481 Feb 15 j 12:11	0°♐	
	-8481 Mar 12 j 08:09	0°♑	
	-8481 Apr 05 j 21:32	0°♒	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

morning set	-8481 Apr 11 j 07:35	6°♒39'51	
	-8481 Apr 30 j 04:50	0°♓	
max. Earth dist.	-8481 May 12 j 07:38	15°♓03'33	1.72354 AU
asc. node	-8481 May 13 j 22:19	17°♓04'00	
superior conj	-8481 May 16 j 21:38	20°♓46'11	0°06'57
minimum elong	-8481 May 16 j 20:17	20°♓42'00	0°06'44
behind sun begin	-8481 May 15 j 23:46	19°♓38'03	
behind sun end	-8481 May 17 j 16:48	21°♓45'58	
	-8481 May 24 j 07:09	0°♈	
	-8481 Jun 17 j 06:02	0°♉	
evening rise	-8481 Jun 22 j 10:56	6°♉31'47	
	-8481 Jul 11 j 03:31	0°♊	
	-8481 Aug 04 j 01:56	0°♋	
	-8481 Aug 28 j 03:34	0°♌	
desc. node	-8481 Sep 03 j 11:21	7°♌50'34	
	-8481 Sep 21 j 10:34	0°♍	
	-8481 Oct 16 j 01:41	0°♎	
	-8481 Nov 10 j 06:50	0°♏	
	-8481 Dec 06 j 17:26	0°♐	
asc. node	-8481 Dec 24 j 14:32	18°♐41'47	
evening max el	-8481 Dec 27 j 02:47	21°♐09'53	45°15'03
	-8480 Jan 05 j 13:57	0°♑	
greatest brilliancy	-8480 Feb 02 j 19:58	18°♑58'43	-4.7m
retrograde	-8480 Feb 13 j 12:06	21°♑02'14	
evening set	-8480 Mar 01 j 19:18	15°♑25'18	
inferior conj	-8480 Mar 06 j 00:02	12°♑50'25	7°18'02
minimum elong	-8480 Mar 06 j 06:52	12°♑39'41	7°16'42
min. Earth dist.	-8480 Mar 06 j 21:44	12°♑16'18	0.29412 AU
morning rise	-8480 Mar 10 j 18:04	9°♑54'33	
direct	-8480 Mar 27 j 23:02	4°♑20'47	
greatest brilliancy	-8480 Apr 07 j 18:22	6°♑24'56	-4.7m
desc. node	-8480 Apr 15 j 09:45	9°♑59'20	
	-8480 May 11 j 07:12	0°♒	
morning max el	-8480 May 16 j 08:21	4°♒47'53	46°13'10
	-8480 Jun 09 j 12:02	0°♓	
	-8480 Jul 05 j 16:28	0°♈	
	-8480 Jul 30 j 13:43	0°♉	
asc. node	-8480 Aug 05 j 11:44	7°♉16'17	
	-8480 Aug 23 j 19:09	0°♊	
	-8480 Sep 16 j 17:54	0°♋	
	-8480 Oct 10 j 16:15	0°♌	
	-8480 Nov 03 j 17:49	0°♍	
morning set	-8480 Nov 19 j 17:34	19°♍48'48	
desc. node	-8480 Nov 26 j 00:11	27°♍34'00	
	-8480 Nov 27 j 23:30	0°♎	
	-8480 Dec 22 j 08:14	0°♏	
superior conj	-8480 Dec 30 j 04:12	9°♏37'30	-1°06'23
minimum elong	-8480 Dec 29 j 19:11	9°♏09'49	1°06'25
max. Earth dist.	-8480 Dec 31 j 09:52	11°♏08'38	1.73407 AU
	-8479 Jan 15 j 18:21	0°♐	
evening rise	-8479 Feb 05 j 11:13	25°♐24'30	
	-8479 Feb 09 j 05:04	0°♑	
greatest brilliancy	-8479 Feb 16 j 17:37	9°♑13'33	-3.9m
	-8479 Mar 05 j 16:46	0°♒	
asc. node	-8479 Mar 17 j 22:30	14°♒57'24	
	-8479 Mar 30 j 06:39	0°♓	
	-8479 Apr 24 j 00:03	0°♈	
	-8479 May 18 j 22:38	0°♉	
	-8479 Jun 13 j 06:05	0°♊	
desc. node	-8479 Jul 08 j 14:46	29°♊12'12	
	-8479 Jul 09 j 07:47	0°♋	
evening max el	-8479 Aug 04 j 05:44	27°♋53'19	47°47'03
	-8479 Aug 06 j 08:04	0°♌	
greatest brilliancy	-8479 Sep 14 j 16:47	29°♌57'26	-4.9m
	-8479 Sep 14 j 19:38	0°♍	
retrograde	-8479 Sep 24 j 09:42	1°♍47'28	
	-8479 Oct 03 j 15:15	30°℞♌	
evening set	-8479 Oct 09 j 16:27	27°♌04'08	
min. Earth dist.	-8479 Oct 14 j 15:42	24°♌02'46	0.27020 AU
inferior conj	-8479 Oct 15 j 04:19	23°♌42'51	-3°19'00
minimum elong	-8479 Oct 15 j 11:04	23°♌32'14	3°16'40
morning rise	-8479 Oct 21 j 06:15	20°♌03'25	
asc. node	-8479 Oct 28 j 19:52	16°♌50'56	
direct	-8479 Nov 04 j 12:07	15°♌54'51	
greatest brilliancy	-8479 Nov 13 j 23:47	17°♌37'37	-4.8m
	-8479 Dec 04 j 15:06	0°♍	
morning max el	-8479 Dec 23 j 21:54	17°♍13'44	46°09'29
	-8478 Jan 05 j 13:59	0°♎	
	-8478 Feb 02 j 08:22	0°♏	
desc. node	-8478 Feb 18 j 13:11	18°♏16'33	
	-8478 Feb 28 j 18:11	0°♐	
	-8478 Mar 26 j 08:58	0°♑	
	-8478 Apr 20 j 09:21	0°♒	
	-8478 May 14 j 22:10	0°♓	
	-8478 Jun 08 j 01:56	0°♈	
asc. node	-8478 Jun 10 j 11:42	3°♈00'34	
morning set	-8478 Jun 18 j 04:05	12°♈38'07	
	-8478 Jul 01 j 23:21	0°♉	
	-8478 Jul 25 j 17:23	0°♊	
superior conj	-8478 Jul 26 j 16:51	1°♊14'12	1°20'16
minimum elong	-8478 Jul 26 j 11:26	0°♊57'04	1°20'40
max. Earth dist.	-8478 Jul 26 j 19:23	1°♊22'14	1.70805 AU
	-8478 Aug 18 j 11:07	0°♋	
evening rise	-8478 Sep 06 j 00:05	23°♋21'03	
	-8478 Sep 11 j 07:12	0°♌	
desc. node	-8478 Sep 30 j 23:52	24°♌37'40	
	-8478 Oct 05 j 07:23	0°♍	
	-8478 Oct 29 j 12:23	0°♎	
	-8478 Nov 22 j 23:05	0°♏	
	-8478 Dec 17 j 18:05	0°♐	
	-8477 Jan 12 j 03:51	0°♑	
asc. node	-8477 Jan 21 j 01:08	10°♑13'29	
	-8477 Feb 07 j 17:50	0°♒	
evening max el	-8477 Mar 08 j 10:34	29°♒28'02	45°05'52
	-8477 Mar 09 j 00:09	0°♓	
greatest brilliancy	-8477 Apr 15 j 13:13	26°♓35'21	-4.7m
retrograde	-8477 Apr 25 j 18:12	28°♓25'22	
evening set	-8477 May 10 j 08:13	24°♓25'10	
desc. node	-8477 May 13 j 20:23	22°♓29'00	
inferior conj	-8477 May 16 j 19:46	20°♓43'12	-0°42'24
minimum elong	-8477 May 16 j 18:10	20°♓45'37	0°42'05
min. Earth dist.	-8477 May 17 j 13:09	20°♓17'10	0.27632 AU
morning rise	-8477 May 23 j 03:15	17°♓04'55	
direct	-8477 Jun 07 j 04:12	12°♓47'07	
greatest brilliancy	-8477 Jun 18 j 15:13	15°♓10'43	-4.8m
	-8477 Jul 11 j 07:09	0°♈	
morning max el	-8477 Jul 27 j 13:51	15°♈15'29	46°41'58
	-8477 Aug 10 j 13:25	0°♉	
asc. node	-8477 Sep 03 j 00:08	26°♉42'19	
	-8477 Sep 05 j 19:16	0°♊	
	-8477 Sep 30 j 18:15	0°♋	
	-8477 Oct 25 j 06:47	0°♌	
	-8477 Nov 18 j 18:05	0°♍	
	-8477 Dec 13 j 07:27	0°♎	
desc. node	-8477 Dec 24 j 13:36	13°♎43'09	
	-8476 Jan 06 j 22:26	0°♏	
	-8476 Jan 31 j 13:02	0°♐	
morning set	-8476 Feb 01 j 04:31	0°♐47'17	
	-8476 Feb 25 j 01:30	0°♑	
max. Earth dist.	-8476 Mar 05 j 16:08	11°♑47'38	1.73693 AU

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

superior conj	-8476 Mar 08 j 09:10	15°♉07'23	-1°10'47
minimum elong	-8476 Mar 08 j 16:05	15°♉28'39	1°11'11
	-8476 Mar 20 j 11:19	0°♒	
evening rise	-8476 Apr 12 j 18:00	28°♒42'58	
	-8476 Apr 13 j 18:56	0°♓	
asc. node	-8476 Apr 14 j 11:17	0°♓50'30	
	-8476 May 08 j 01:09	0°♈	
	-8476 Jun 01 j 06:56	0°♉	
	-8476 Jun 25 j 13:50	0°♊	
	-8476 Jul 20 j 00:22	0°♋	
desc. node	-8476 Aug 05 j 01:49	19°♋31'16	
	-8476 Aug 13 j 18:29	0°♌	
	-8476 Sep 08 j 03:22	0°♍	
	-8476 Oct 04 j 21:02	0°♎	
evening max el	-8476 Oct 14 j 06:17	9°♎49'19	46°51'02
	-8476 Nov 05 j 05:51	0°♏	
greatest brilliancy	-8476 Nov 22 j 14:48	10°♏42'40	-4.8m
asc. node	-8476 Nov 25 j 06:24	11°♏39'59	
retrograde	-8476 Dec 03 j 19:18	13°♏04'26	
evening set	-8476 Dec 19 j 16:28	7°♏59'02	
min. Earth dist.	-8476 Dec 24 j 07:04	5°♏06'09	0.28925 AU
inferior conj	-8476 Dec 25 j 00:33	4°♏37'55	6°08'39
minimum elong	-8476 Dec 24 j 15:54	4°♏51'53	6°06'45
morning rise	-8476 Dec 29 j 15:58	1°♏42'53	
	-8475 Jan 01 j 17:14	30°℞♎	
direct	-8475 Jan 15 j 09:59	26°♎16'46	
greatest brilliancy	-8475 Jan 24 j 06:06	27°♎43'20	-4.7m
	-8475 Jan 29 j 23:57	0°♏	
morning max el	-8475 Mar 05 j 03:03	25°♏54'38	45°54'32
	-8475 Mar 09 j 09:12	0°♐	
desc. node	-8475 Mar 18 j 01:00	8°♐39'00	
	-8475 Apr 07 j 02:41	0°♑	
	-8475 May 03 j 13:46	0°♒	
	-8475 May 28 j 20:51	0°♓	
	-8475 Jun 22 j 10:10	0°♈	
asc. node	-8475 Jul 08 j 01:00	19°♈24'59	
	-8475 Jul 16 j 11:49	0°♉	
	-8475 Aug 09 j 06:53	0°♊	
morning set	-8475 Aug 31 j 14:57	28°♊15'38	
	-8475 Sep 01 j 23:58	0°♋	
	-8475 Sep 25 j 18:53	0°♌	
superior conj	-8475 Oct 12 j 17:18	21°♌13'54	0°35'03
minimum elong	-8475 Oct 13 j 02:17	21°♌41'59	0°35'03
max. Earth dist.	-8475 Oct 19 j 11:02	29°♌38'57	1.71656 AU
	-8475 Oct 19 j 17:47	0°♍	
desc. node	-8475 Oct 28 j 12:52	10°♍57'34	
	-8475 Nov 12 j 21:00	0°♎	
evening rise	-8475 Nov 24 j 03:04	13°♎55'15	
	-8475 Dec 07 j 03:55	0°♏	
	-8475 Dec 31 j 14:15	0°♐	
	-8474 Jan 25 j 05:15	0°♑	
asc. node	-8474 Feb 17 j 12:41	28°♑03'21	
	-8474 Feb 19 j 03:46	0°♒	
	-8474 Mar 16 j 14:07	0°♓	
	-8474 Apr 11 j 19:12	0°♈	
	-8474 May 09 j 12:12	0°♉	
evening max el	-8474 May 20 j 12:41	11°♉04'41	46°31'41
desc. node	-8474 Jun 10 j 06:38	29°♉24'44	
	-8474 Jun 11 j 01:09	0°♊	
greatest brilliancy	-8474 Jun 30 j 05:38	10°♊57'06	-4.9m
retrograde	-8474 Jul 09 j 13:05	12°♊33'12	
evening set	-8474 Jul 27 j 02:04	6°♊48'13	
inferior conj	-8474 Jul 30 j 06:45	4°♊53'49	-8°48'53
minimum elong	-8474 Jul 30 j 03:00	4°♊59'28	8°48'13
min. Earth dist.	-8474 Jul 30 j 00:55	5°♊02'37	0.26616 AU
morning rise	-8474 Aug 02 j 03:55	3°♊10'28	
	-8474 Aug 08 j 04:37	30°℞♉	
direct	-8474 Aug 19 j 15:36	27°♉21'28	
greatest brilliancy	-8474 Aug 29 j 23:53	29°♉23'03	-4.9m
	-8474 Aug 31 j 12:51	0°♊	
asc. node	-8474 Sep 30 j 11:25	22°♊06'42	
	-8474 Oct 08 j 11:29	0°♋	
morning max el	-8474 Oct 09 j 05:54	0°♋46'56	46°40'05
	-8474 Nov 05 j 03:54	0°♌	
	-8474 Dec 01 j 04:02	0°♍	
	-8474 Dec 26 j 15:49	0°♎	
	-8473 Jan 20 j 22:13	0°♏	
desc. node	-8473 Jan 21 j 02:44	0°♏13'27	
	-8473 Feb 14 j 23:44	0°♐	
	-8473 Mar 11 j 19:20	0°♑	
	-8473 Apr 05 j 08:32	0°♒	
morning set	-8473 Apr 09 j 03:12	4°♒38'45	
	-8473 Apr 29 j 15:45	0°♓	
max. Earth dist.	-8473 May 10 j 03:51	13°♓03'06	1.72418 AU
asc. node	-8473 May 13 j 00:27	16°♓36'35	
superior conj	-8473 May 14 j 16:10	18°♓40'20	0°03'54
minimum elong	-8473 May 14 j 15:26	18°♓38'00	0°03'41
behind sun begin	-8473 May 13 j 17:33	17°♓29'51	
behind sun end	-8473 May 15 j 13:18	19°♓46'10	
	-8473 May 23 j 18:07	0°♈	
	-8473 Jun 16 j 17:09	0°♉	
evening rise	-8473 Jun 20 j 03:10	4°♉17'11	
	-8473 Jul 10 j 14:52	0°♊	
	-8473 Aug 03 j 13:33	0°♋	
	-8473 Aug 27 j 15:28	0°♌	
desc. node	-8473 Sep 02 j 13:35	7°♌20'19	
	-8473 Sep 20 j 22:50	0°♍	
	-8473 Oct 15 j 14:33	0°♎	
	-8473 Nov 09 j 20:52	0°♏	
	-8473 Dec 06 j 10:17	0°♐	
asc. node	-8473 Dec 23 j 16:42	17°♐54'59	
evening max el	-8473 Dec 24 j 17:35	18°♐55'53	45°17'20
	-8472 Jan 05 j 17:22	0°♑	
greatest brilliancy	-8472 Jan 31 j 11:46	16°♑51'21	-4.7m
retrograde	-8472 Feb 11 j 05:21	18°♑56'35	
evening set	-8472 Feb 28 j 14:01	13°♑16'03	
inferior conj	-8472 Mar 03 j 17:06	10°♑43'35	7°25'30
minimum elong	-8472 Mar 03 j 23:28	10°♑33'33	7°24'16
min. Earth dist.	-8472 Mar 04 j 13:49	10°♑11'00	0.29447 AU
morning rise	-8472 Mar 08 j 08:36	7°♑51'27	
direct	-8472 Mar 25 j 15:46	2°♑13'14	
greatest brilliancy	-8472 Apr 05 j 10:19	4°♑16'46	-4.7m
desc. node	-8472 Apr 14 j 11:53	8°♑39'24	
	-8472 May 11 j 07:00	0°♒	
morning max el	-8472 May 14 j 01:00	2°♒38'09	46°12'18
	-8472 Jun 09 j 04:13	0°♓	
	-8472 Jul 05 j 06:12	0°♈	
	-8472 Jul 30 j 02:22	0°♉	
asc. node	-8472 Aug 04 j 14:04	6°♉45'03	
	-8472 Aug 23 j 07:15	0°♊	
	-8472 Sep 16 j 05:41	0°♋	
	-8472 Oct 10 j 03:49	0°♌	
	-8472 Nov 03 j 05:10	0°♍	
morning set	-8472 Nov 17 j 04:37	17°♍19'43	
desc. node	-8472 Nov 25 j 02:13	27°♍05'44	
	-8472 Nov 27 j 10:41	0°♎	
	-8472 Dec 21 j 19:16	0°♏	
superior conj	-8472 Dec 27 j 19:01	7°♏21'49	-1°04'23
minimum elong	-8472 Dec 27 j 09:42	6°♏53'12	1°04'24
max. Earth dist.	-8472 Dec 29 j 03:34	9°♏01'51	1.73367 AU
	-8471 Jan 15 j 05:18	0°♐	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

evening rise	-8471 Feb 03 j 05:16	23°♐19'06		
	-8471 Feb 08 j 16:02	0°♑		
greatest brilliancy	-8471 Feb 15 j 08:20	8°♑11'22	-3.9m	
	-8471 Mar 05 j 03:53	0°♒		
asc. node	-8471 Mar 17 j 00:43	14°♒29'44		
	-8471 Mar 29 j 18:07	0°♓		
	-8471 Apr 23 j 12:05	0°♈		
	-8471 May 18 j 11:32	0°♉		
	-8471 Jun 12 j 20:24	0°♊		
desc. node	-8471 Jul 07 j 17:02	28°♊31'16		
	-8471 Jul 09 j 00:47	0°♋		
evening max el	-8471 Aug 01 j 20:26	25°♋31'08	47°46'37	
	-8471 Aug 06 j 08:15	0°♌		
greatest brilliancy	-8471 Sep 12 j 07:35	27°♌32'17	-4.9m	
retrograde	-8471 Sep 22 j 00:13	29°♌21'57		
evening set	-8471 Oct 07 j 08:37	24°♌35'28		
min. Earth dist.	-8471 Oct 12 j 05:53	21°♌37'14	0.26982 AU	
inferior conj	-8471 Oct 12 j 18:08	21°♌18'00	-3°40'16	
minimum elong	-8471 Oct 13 j 01:30	21°♌06'26	3°37'45	
morning rise	-8471 Oct 18 j 18:57	17°♌40'47		
asc. node	-8471 Oct 27 j 22:04	14°♌04'17		
direct	-8471 Nov 02 j 01:44	13°♌30'49		
greatest brilliancy	-8471 Nov 11 j 13:53	15°♌14'37	-4.8m	
	-8471 Dec 05 j 02:43	0°♍		
morning max el	-8471 Dec 21 j 13:24	14°♍58'16	46°10'28	
	-8470 Jan 05 j 08:56	0°♎		
	-8470 Feb 01 j 23:10	0°♏		
desc. node	-8470 Feb 17 j 15:27	17°♏44'26		
	-8470 Feb 28 j 07:08	0°♐		
	-8470 Mar 25 j 20:56	0°♑		
	-8470 Apr 19 j 20:46	0°♒		
	-8470 May 14 j 09:17	0°♓		
	-8470 Jun 07 j 12:56	0°♈		
asc. node	-8470 Jun 09 j 13:48	2°♈32'44		
morning set	-8470 Jun 15 j 20:03	10°♈23'13		
	-8470 Jul 01 j 10:20	0°♉		
superior conj	-8470 Jul 24 j 05:37	28°♉47'57	1°19'14	
minimum elong	-8470 Jul 23 j 23:30	28°♉28'36	1°19'34	
max. Earth dist.	-8470 Jul 24 j 02:00	28°♉36'31	1.70825 AU	
	-8470 Jul 25 j 04:24	0°♊		
	-8470 Aug 17 j 22:12	0°♋		
evening rise	-8470 Sep 03 j 08:20	20°♋41'06		
	-8470 Sep 10 j 18:23	0°♌		
desc. node	-8470 Sep 30 j 01:58	24°♌09'00		
	-8470 Oct 04 j 18:41	0°♍		
	-8470 Oct 28 j 23:52	0°♎		
	-8470 Nov 22 j 10:49	0°♏		
	-8470 Dec 17 j 06:22	0°♐		
	-8469 Jan 11 j 17:15	0°♑		
asc. node	-8469 Jan 20 j 03:31	9°♑40'14		
	-8469 Feb 07 j 09:52	0°♒		
evening max el	-8469 Mar 06 j 01:56	27°♒16'05	45°04'22	
	-8469 Mar 09 j 00:14	0°♓		
greatest brilliancy	-8469 Apr 13 j 02:43	24°♓19'10	-4.7m	
retrograde	-8469 Apr 23 j 07:35	26°♓08'41		
evening set	-8469 May 07 j 22:36	22°♓07'52		
desc. node	-8469 May 12 j 22:31	19°♓18'38		
inferior conj	-8469 May 14 j 09:38	18°♓26'00	-0°20'49	
minimum elong	-8469 May 14 j 08:51	18°♓27'11	0°20'45	
min. Earth dist.	-8469 May 15 j 03:59	17°♓58'25	0.27691 AU	
morning rise	-8469 May 20 j 18:13	14°♓45'41		
direct	-8469 Jun 04 j 19:13	10°♓28'49		
greatest brilliancy	-8469 Jun 16 j 05:49	12°♓51'40	-4.8m	
	-8469 Jul 11 j 14:28	0°♈		
morning max el	-8469 Jul 25 j 03:39	12°♈52'32	46°41'22	
	-8469 Aug 10 j 07:40	0°♉		
asc. node	-8469 Sep 02 j 02:18	26°♉04'34		
	-8469 Sep 05 j 10:00	0°♊		
	-8469 Sep 30 j 07:26	0°♋		
	-8469 Oct 24 j 19:07	0°♌		
	-8469 Nov 18 j 05:54	0°♍		
	-8469 Dec 12 j 18:53	0°♎		
desc. node	-8469 Dec 23 j 15:46	13°♎15'23		
	-8468 Jan 06 j 09:35	0°♏		
morning set	-8468 Jan 29 j 21:27	28°♏39'08		
	-8468 Jan 30 j 23:56	0°♐		
	-8468 Feb 24 j 12:17	0°♑		
max. Earth dist.	-8468 Mar 03 j 13:12	9°♑51'50	1.73709 AU	
superior conj	-8468 Mar 06 j 04:21	13°♑05'47	-1°12'13	
minimum elong	-8468 Mar 06 j 10:57	13°♑26'05	1°12'37	
	-8468 Mar 19 j 22:05	0°♒		
evening rise	-8468 Apr 10 j 13:28	26°♒41'16		
	-8468 Apr 13 j 05:49	0°♓		
asc. node	-8468 Apr 13 j 13:22	0°♓23'20		
	-8468 May 07 j 12:16	0°♈		
	-8468 May 31 j 18:25	0°♉		
	-8468 Jun 25 j 01:46	0°♊		
	-8468 Jul 19 j 12:55	0°♋		
desc. node	-8468 Aug 04 j 04:05	18°♋58'38		
	-8468 Aug 13 j 07:57	0°♌		
	-8468 Sep 07 j 18:27	0°♍		
	-8468 Oct 04 j 15:58	0°♎		
evening max el	-8468 Oct 11 j 21:52	7°♎32'40	46°54'22	
	-8468 Nov 05 j 19:54	0°♏		
greatest brilliancy	-8468 Nov 20 j 09:16	8°♏33'16	-4.8m	
asc. node	-8468 Nov 24 j 08:35	9°♏53'43		
retrograde	-8468 Dec 01 j 12:16	10°♏53'41		
evening set	-8468 Dec 17 j 07:19	5°♏52'05		
min. Earth dist.	-8468 Dec 21 j 23:31	2°♏56'43	0.28863 AU	
inferior conj	-8468 Dec 22 j 17:32	2°♏27'35	5°56'11	
minimum elong	-8468 Dec 22 j 08:51	2°♏41'38	5°54'14	
	-8468 Dec 26 j 14:37	30°℞♎		
morning rise	-8468 Dec 27 j 11:00	29°♎29'13		
direct	-8467 Jan 13 j 02:05	24°♎07'33		
greatest brilliancy	-8467 Jan 21 j 21:48	25°♎33'35	-4.7m	
	-8467 Jan 31 j 19:04	0°♏		
morning max el	-8467 Mar 02 j 17:57	23°♏43'06	45°54'24	
	-8467 Mar 09 j 05:45	0°♐		
desc. node	-8467 Mar 17 j 03:04	7°♐57'19		
	-8467 Apr 06 j 17:48	0°♑		
	-8467 May 03 j 02:51	0°♒		
	-8467 May 28 j 08:59	0°♓		
	-8467 Jun 21 j 21:47	0°♈		
asc. node	-8467 Jul 07 j 03:17	18°♈56'23		
greatest brilliancy	-8467 Jul 12 j 12:37	25°♈41'04	-3.9m	
	-8467 Jul 15 j 23:11	0°♉		
	-8467 Aug 08 j 18:07	0°♊		
morning set	-8467 Aug 29 j 01:00	25°♊40'10		
	-8467 Sep 01 j 11:10	0°♋		
	-8467 Sep 25 j 06:03	0°♌		
superior conj	-8467 Oct 10 j 01:58	18°♌36'14	0°38'37	
minimum elong	-8467 Oct 10 j 11:39	19°♌06'32	0°38'36	
max. Earth dist.	-8467 Oct 16 j 21:36	27°♌07'31	1.71585 AU	
	-8467 Oct 19 j 04:52	0°♍		
desc. node	-8467 Oct 27 j 14:57	10°♍29'36		
	-8467 Nov 12 j 08:02	0°♎		
evening rise	-8467 Nov 21 j 14:55	11°♎29'30		
	-8467 Dec 06 j 14:56	0°♏		
	-8467 Dec 31 j 01:24	0°♐		
	-8466 Jan 24 j 16:43	0°♑		
asc. node	-8466 Feb 16 j 14:51	27°♑33'56		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8466 Feb 18 j 15:51	0°♒	
	-8466 Mar 16 j 03:21	0°♓	
	-8466 Apr 11 j 10:38	0°♈	
	-8466 May 09 j 08:46	0°♉	
evening max el	-8466 May 18 j 00:13	8°♉37'23	46°28'00
desc. node	-8466 Jun 09 j 08:54	28°♉09'16	
	-8466 Jun 11 j 22:15	0°♊	
greatest brilliancy	-8466 Jun 27 j 17:00	8°♊27'19	-4.9m
retrograde	-8466 Jul 07 j 00:21	10°♊03'33	
evening set	-8466 Jul 24 j 10:30	4°♊23'41	
inferior conj	-8466 Jul 27 j 18:37	2°♊24'38	-8°43'47
minimum elong	-8466 Jul 27 j 13:57	2°♊31'39	8°43'00
min. Earth dist.	-8466 Jul 27 j 13:16	2°♊32'41	0.26629 AU
morning rise	-8466 Jul 30 j 17:21	0°♊39'08	
	-8466 Jul 31 j 20:30	30°℞♉	
direct	-8466 Aug 17 j 03:18	24°♉51'47	
greatest brilliancy	-8466 Aug 27 j 13:47	26°♉55'02	-4.9m
	-8466 Sep 03 j 02:24	0°♊	
asc. node	-8466 Sep 29 j 13:34	21°♊07'25	
morning max el	-8466 Oct 06 j 18:19	28°♊17'09	46°40'58
	-8466 Oct 08 j 10:21	0°♋	
	-8466 Nov 04 j 20:25	0°♌	
	-8466 Nov 30 j 18:04	0°♍	
	-8466 Dec 26 j 04:30	0°♎	
desc. node	-8465 Jan 20 j 04:59	29°♎44'46	
	-8465 Jan 20 j 10:05	0°♏	
	-8465 Feb 14 j 11:06	0°♐	
	-8465 Mar 11 j 06:24	0°♑	
	-8465 Apr 04 j 19:27	0°♒	
morning set	-8465 Apr 06 j 22:34	2°♒37'09	
	-8465 Apr 29 j 02:38	0°♓	
max. Earth dist.	-8465 May 07 j 23:59	11°♓02'28	1.72480 AU
superior conj	-8465 May 12 j 10:23	16°♓33'35	0°00'46
minimum elong	-8465 May 12 j 10:17	16°♓33'17	0°00'34
behind sun begin	-8465 May 11 j 12:05	15°♓24'07	
behind sun end	-8465 May 13 j 08:30	17°♓42'28	
asc. node	-8465 May 12 j 02:35	16°♓09'17	
	-8465 May 23 j 05:03	0°♈	
	-8465 Jun 16 j 04:14	0°♉	
evening rise	-8465 Jun 17 j 19:15	2°♉02'16	
	-8465 Jul 10 j 02:10	0°♊	
	-8465 Aug 03 j 01:06	0°♋	
	-8465 Aug 27 j 03:19	0°♌	
desc. node	-8465 Sep 01 j 15:38	6°♌49'45	
	-8465 Sep 20 j 11:05	0°♍	
	-8465 Oct 15 j 03:26	0°♎	
	-8465 Nov 09 j 10:59	0°♏	
	-8465 Dec 06 j 03:23	0°♐	
evening max el	-8465 Dec 22 j 09:14	16°♐44'17	45°19'46
asc. node	-8465 Dec 22 j 19:06	17°♐08'21	
	-8464 Jan 05 j 22:27	0°♑	
greatest brilliancy	-8464 Jan 29 j 03:13	14°♑44'02	-4.7m
retrograde	-8464 Feb 08 j 22:54	16°♑51'14	
evening set	-8464 Feb 26 j 08:39	11°♑07'18	
inferior conj	-8464 Mar 01 j 10:10	8°♑36'56	7°32'19
minimum elong	-8464 Mar 01 j 16:04	8°♑27'39	7°31'10
min. Earth dist.	-8464 Mar 02 j 05:31	8°♑06'30	0.29483 AU
morning rise	-8464 Mar 05 j 23:15	5°♑48'27	
direct	-8464 Mar 23 j 09:00	0°♑05'59	
greatest brilliancy	-8464 Apr 03 j 01:38	2°♑08'10	-4.7m
desc. node	-8464 Apr 13 j 14:04	7°♑22'09	
	-8464 May 11 j 05:51	0°♒	
morning max el	-8464 May 11 j 18:24	0°♒30'16	46°11'14
	-8464 Jun 08 j 20:16	0°♓	
	-8464 Jul 04 j 19:57	0°♈	
	-8464 Jul 29 j 15:03	0°♉	
asc. node	-8464 Aug 03 j 16:13	6°♉13'02	
	-8464 Aug 22 j 19:22	0°♊	
	-8464 Sep 15 j 17:28	0°♋	
	-8464 Oct 09 j 15:21	0°♌	
	-8464 Nov 02 j 16:32	0°♍	
morning set	-8464 Nov 14 j 15:37	14°♍50'14	
desc. node	-8464 Nov 24 j 04:23	26°♍37'44	
	-8464 Nov 26 j 21:54	0°♎	
	-8464 Dec 21 j 06:21	0°♏	
superior conj	-8464 Dec 25 j 09:43	5°♏05'31	-1°02'17
minimum elong	-8464 Dec 25 j 00:10	4°♏36'11	1°02'15
max. Earth dist.	-8464 Dec 26 j 22:11	6°♏57'38	1.73326 AU
	-8463 Jan 14 j 16:18	0°♐	
evening rise	-8463 Jan 31 j 23:24	21°♐13'51	
	-8463 Feb 08 j 03:01	0°♑	
greatest brilliancy	-8463 Feb 13 j 21:31	7°♑04'25	-3.9m
	-8463 Mar 04 j 15:03	0°♒	
asc. node	-8463 Mar 16 j 02:50	14°♒01'38	
	-8463 Mar 29 j 05:40	0°♓	
	-8463 Apr 23 j 00:17	0°♈	
	-8463 May 18 j 00:43	0°♉	
	-8463 Jun 12 j 11:08	0°♊	
desc. node	-8463 Jul 06 j 19:18	27°♊49'05	
	-8463 Jul 08 j 18:24	0°♋	
evening max el	-8463 Jul 30 j 11:58	23°♋10'19	47°46'08
	-8463 Aug 06 j 09:58	0°♌	
greatest brilliancy	-8463 Sep 09 j 22:04	25°♌05'59	-4.9m
retrograde	-8463 Sep 19 j 14:45	26°♌55'17	
evening set	-8463 Oct 05 j 00:51	22°♌05'46	
inferior conj	-8463 Oct 10 j 07:48	18°♌52'05	-4°01'13
minimum elong	-8463 Oct 10 j 15:45	18°♌39'38	3°58'33
min. Earth dist.	-8463 Oct 09 j 19:42	19°♌11'02	0.26939 AU
morning rise	-8463 Oct 16 j 07:16	15°♌17'22	
asc. node	-8463 Oct 27 j 00:20	11°♌22'39	
direct	-8463 Oct 30 j 15:32	11°♌06'04	
greatest brilliancy	-8463 Nov 09 j 03:18	12°♌50'04	-4.9m
	-8463 Dec 05 j 11:31	0°♍	
morning max el	-8463 Dec 19 j 04:44	12°♍41'47	46°11'25
	-8462 Jan 05 j 03:33	0°♎	
	-8462 Feb 01 j 13:56	0°♏	
desc. node	-8462 Feb 16 j 17:26	17°♏11'16	
	-8462 Feb 27 j 20:08	0°♐	
	-8462 Mar 25 j 08:58	0°♑	
	-8462 Apr 19 j 08:17	0°♒	
	-8462 May 13 j 20:33	0°♓	
	-8462 Jun 07 j 00:08	0°♈	
asc. node	-8462 Jun 08 j 16:04	2°♈04'50	
morning set	-8462 Jun 13 j 12:03	8°♈07'54	
	-8462 Jun 30 j 21:34	0°♉	
max. Earth dist.	-8462 Jul 21 j 04:47	25°♉37'57	1.70853 AU
superior conj	-8462 Jul 21 j 18:18	26°♉20'39	1°18'02
minimum elong	-8462 Jul 21 j 11:32	25°♉59'14	1°18'19
	-8462 Jul 24 j 15:43	0°♊	
	-8462 Aug 17 j 09:36	0°♋	
evening rise	-8462 Aug 31 j 16:12	17°♋58'52	
	-8462 Sep 10 j 05:53	0°♌	
desc. node	-8462 Sep 29 j 04:03	23°♌39'26	
	-8462 Oct 04 j 06:17	0°♍	
	-8462 Oct 28 j 11:37	0°♎	
	-8462 Nov 21 j 22:50	0°♏	
	-8462 Dec 16 j 18:55	0°♐	
	-8461 Jan 11 j 07:00	0°♑	
asc. node	-8461 Jan 19 j 05:42	9°♑05'39	
	-8461 Feb 07 j 02:24	0°♒	
evening max el	-8461 Mar 03 j 16:57	25°♒02'52	45°03'01

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8461 Mar 09 j 01:44	0°♓	
greatest brilliancy	-8461 Apr 10 j 16:54	22°♓03'53	-4.7m
retrograde	-8461 Apr 20 j 20:49	23°♓52'41	
evening set	-8461 May 05 j 13:27	19°♓50'48	
inferior conj	-8461 May 11 j 23:51	16°♓09'30	0°00'32
minimum elong	-8461 May 11 j 23:52	16°♓09'28	0°00'20
transit middle	-8461 May 11 j 23:52	16°♓09'28	0°00'20
transit begin	-8461 May 11 j 19:44	16°♓15'41	
transit end	-8461 May 12 j 03:59	16°♓03'16	
desc. node	-8461 May 12 j 00:45	16°♓08'08	
min. Earth dist.	-8461 May 12 j 19:24	15°♓40'00	0.27753 AU
morning rise	-8461 May 18 j 09:18	12°♓27'17	
direct	-8461 Jun 02 j 09:58	8°♓11'02	
greatest brilliancy	-8461 Jun 13 j 21:07	10°♓33'35	-4.8m
	-8461 Jul 11 j 19:50	0°♈	
morning max el	-8461 Jul 22 j 16:56	10°♈27'39	46°40'30
	-8461 Aug 10 j 01:48	0°♉	
asc. node	-8461 Sep 01 j 04:26	25°♉25'55	
	-8461 Sep 05 j 00:57	0°♊	
	-8461 Sep 29 j 20:57	0°♋	
	-8461 Oct 24 j 07:50	0°♌	
	-8461 Nov 17 j 18:03	0°♍	
	-8461 Dec 12 j 06:37	0°♎	
desc. node	-8461 Dec 22 j 17:56	12°♎46'41	
	-8460 Jan 05 j 20:59	0°♏	
morning set	-8460 Jan 27 j 14:16	26°♏29'49	
	-8460 Jan 30 j 11:07	0°♐	
	-8460 Feb 23 j 23:20	0°♑	
max. Earth dist.	-8460 Mar 01 j 09:13	7°♑52'04	1.73723 AU
superior conj	-8460 Mar 03 j 23:42	11°♑03'55	-1°13'32
minimum elong	-8460 Mar 04 j 05:58	11°♑23'10	1°13'57
	-8460 Mar 19 j 09:08	0°♒	
evening rise	-8460 Apr 08 j 09:13	24°♒39'41	
asc. node	-8460 Apr 12 j 15:35	29°♒55'42	
	-8460 Apr 12 j 16:59	0°♓	
	-8460 May 06 j 23:39	0°♈	
	-8460 May 31 j 06:08	0°♉	
	-8460 Jun 24 j 13:59	0°♊	
	-8460 Jul 19 j 01:48	0°♋	
desc. node	-8460 Aug 03 j 06:07	18°♋24'08	
	-8460 Aug 12 j 21:52	0°♌	
	-8460 Sep 07 j 10:10	0°♍	
	-8460 Oct 04 j 12:01	0°♎	
evening max el	-8460 Oct 09 j 12:47	5°♎12'37	46°57'40
	-8460 Nov 06 j 15:53	0°♏	
greatest brilliancy	-8460 Nov 18 j 03:48	6°♏21'51	-4.8m
asc. node	-8460 Nov 23 j 10:56	8°♏01'42	
retrograde	-8460 Nov 29 j 04:59	8°♏41'01	
evening set	-8460 Dec 14 j 22:01	3°♏42'55	
min. Earth dist.	-8460 Dec 19 j 16:03	0°♏45'03	0.28796 AU
inferior conj	-8460 Dec 20 j 10:21	0°♏15'26	5°43'05
minimum elong	-8460 Dec 20 j 01:40	0°♏29'30	5°41'05
	-8460 Dec 20 j 19:54	30°℞♎	
morning rise	-8460 Dec 25 j 05:55	27°♎13'48	
direct	-8459 Jan 10 j 17:28	21°♎56'25	
greatest brilliancy	-8459 Jan 19 j 13:46	23°♎22'35	-4.7m
	-8459 Feb 02 j 01:24	0°♏	
morning max el	-8459 Feb 28 j 08:45	21°♏30'16	45°54'27
	-8459 Mar 09 j 02:00	0°♐	
desc. node	-8459 Mar 16 j 05:17	7°♐15'39	
	-8459 Apr 06 j 09:01	0°♑	
	-8459 May 02 j 16:08	0°♒	
	-8459 May 27 j 21:19	0°♓	
	-8459 Jun 21 j 09:37	0°♈	
asc. node	-8459 Jul 06 j 05:23	18°♈26'34	
	-8459 Jul 15 j 10:45	0°♉	
greatest brilliancy	-8459 Jul 15 j 06:56	29°♈48'00	-3.9m
	-8459 Aug 08 j 05:35	0°♊	
morning set	-8459 Aug 26 j 11:22	23°♊04'55	
	-8459 Aug 31 j 22:37	0°♋	
	-8459 Sep 24 j 17:29	0°♌	
superior conj	-8459 Oct 07 j 10:27	15°♌56'49	0°42'06
minimum elong	-8459 Oct 07 j 20:46	16°♌29'05	0°42'06
max. Earth dist.	-8459 Oct 14 j 04:00	24°♌21'58	1.71522 AU
	-8459 Oct 18 j 16:18	0°♍	
desc. node	-8459 Oct 26 j 17:09	10°♍00'50	
	-8459 Nov 11 j 19:26	0°♎	
evening rise	-8459 Nov 19 j 02:06	9°♎00'26	
	-8459 Dec 06 j 02:21	0°♏	
	-8459 Dec 30 j 12:55	0°♐	
	-8458 Jan 24 j 04:32	0°♑	
asc. node	-8458 Feb 15 j 16:59	27°♑03'26	
	-8458 Feb 18 j 04:18	0°♒	
	-8458 Mar 15 j 16:59	0°♓	
	-8458 Apr 11 j 02:35	0°♈	
	-8458 May 09 j 06:18	0°♉	
evening max el	-8458 May 15 j 12:33	6°♉11'42	46°24'25
desc. node	-8458 Jun 08 j 11:12	26°♉51'02	
	-8458 Jun 13 j 03:08	0°♊	
greatest brilliancy	-8458 Jun 25 j 03:59	5°♊57'00	-4.9m
retrograde	-8458 Jul 04 j 12:16	7°♊34'10	
evening set	-8458 Jul 21 j 18:42	1°♊59'37	
inferior conj	-8458 Jul 25 j 06:36	29°♉55'31	-8°37'29
minimum elong	-8458 Jul 25 j 01:05	0°♊03'49	8°36'36
min. Earth dist.	-8458 Jul 25 j 01:27	0°♊03'15	0.26642 AU
	-8458 Jul 25 j 03:37	30°℞♉	
morning rise	-8458 Jul 28 j 07:23	28°♉07'21	
direct	-8458 Aug 14 j 15:39	22°♉22'12	
greatest brilliancy	-8458 Aug 25 j 03:23	24°♉26'48	-4.9m
	-8458 Sep 04 j 17:20	0°♊	
asc. node	-8458 Sep 28 j 15:51	20°♊09'27	
morning max el	-8458 Oct 04 j 07:43	25°♊49'35	46°41'41
	-8458 Oct 08 j 08:30	0°♋	
	-8458 Nov 04 j 12:52	0°♌	
	-8458 Nov 30 j 08:15	0°♍	
	-8458 Dec 25 j 17:27	0°♎	
desc. node	-8457 Jan 19 j 06:58	29°♎14'19	
	-8457 Jan 19 j 22:16	0°♏	
	-8457 Feb 13 j 22:45	0°♐	
	-8457 Mar 10 j 17:43	0°♑	
	-8457 Apr 04 j 06:33	0°♒	
morning set	-8457 Apr 04 j 17:53	0°♒34'47	
	-8457 Apr 28 j 13:41	0°♓	
max. Earth dist.	-8457 May 05 j 20:11	9°♓01'35	1.72540 AU
superior conj	-8457 May 10 j 04:46	14°♓26'48	-0°02'22
minimum elong	-8457 May 10 j 05:15	14°♓28'18	0°02'33
behind sun begin	-8457 May 09 j 07:13	13°♓19'44	
behind sun end	-8457 May 11 j 03:17	15°♓36'53	
asc. node	-8457 May 11 j 04:47	15°♓41'36	
	-8457 May 22 j 16:11	0°♈	
evening rise	-8457 Jun 15 j 11:40	29°♈47'51	
	-8457 Jun 15 j 15:32	0°♉	
	-8457 Jul 09 j 13:41	0°♊	
	-8457 Aug 02 j 12:49	0°♋	
	-8457 Aug 26 j 15:19	0°♌	
desc. node	-8457 Aug 31 j 17:50	6°♌19'11	
	-8457 Sep 19 j 23:28	0°♍	
	-8457 Oct 14 j 16:30	0°♎	
	-8457 Nov 09 j 01:23	0°♏	
	-8457 Dec 05 j 21:04	0°♐	
evening max el	-8457 Dec 20 j 01:49	14°♐34'07	45°22'09

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

asc. node	-8457 Dec 21 j 21:15	16°♐19'36		
	-8456 Jan 06 j 06:10	0°♑		
greatest brilliancy	-8456 Jan 26 j 19:02	12°♑36'16	-4.7m	
retrograde	-8456 Feb 06 j 16:28	14°♑44'49		
evening set	-8456 Feb 24 j 03:10	8°♑58'06		
inferior conj	-8456 Feb 28 j 03:15	6°♑29'31	7°38'27	
minimum elong	-8456 Feb 28 j 08:39	6°♑21'00	7°37'26	
min. Earth dist.	-8456 Feb 28 j 21:04	6°♑01'27	0.29511 AU	
morning rise	-8456 Mar 03 j 13:57	3°♑44'28		
	-8456 Mar 10 j 23:11	30°℞♐		
direct	-8456 Mar 21 j 02:33	27°♐58'16		
greatest brilliancy	-8456 Mar 31 j 16:22	29°♐58'22	-4.7m	
	-8456 Mar 31 j 18:10	0°♑		
desc. node	-8456 Apr 12 j 16:19	6°♑06'46		
morning max el	-8456 May 09 j 11:37	28°♑21'50	46°10'09	
	-8456 May 11 j 03:58	0°♒		
	-8456 Jun 08 j 12:09	0°♓		
	-8456 Jul 04 j 09:40	0°♈		
	-8456 Jul 29 j 03:46	0°♉		
asc. node	-8456 Aug 02 j 18:16	5°♉40'35		
	-8456 Aug 22 j 07:32	0°♊		
	-8456 Sep 15 j 05:17	0°♋		
	-8456 Oct 09 j 02:55	0°♌		
	-8456 Nov 02 j 03:55	0°♍		
morning set	-8456 Nov 12 j 02:52	12°♍21'24		
desc. node	-8456 Nov 23 j 06:30	26°♍09'31		
	-8456 Nov 26 j 09:07	0°♎		
	-8456 Dec 20 j 17:27	0°♏		
superior conj	-8456 Dec 23 j 00:15	2°♏48'31	-1°00'04	
minimum elong	-8456 Dec 22 j 14:33	2°♏18'41	1°00'00	
max. Earth dist.	-8456 Dec 24 j 18:31	4°♏58'28	1.73288 AU	
	-8455 Jan 14 j 03:21	0°♐		
evening rise	-8455 Jan 29 j 17:17	19°♐07'35		
	-8455 Feb 07 j 14:06	0°♑		
greatest brilliancy	-8455 Feb 12 j 16:08	6°♑13'51	-3.9m	
	-8455 Mar 04 j 02:19	0°♒		
asc. node	-8455 Mar 15 j 05:05	13°♒33'39		
	-8455 Mar 28 j 17:19	0°♓		
	-8455 Apr 22 j 12:34	0°♈		
	-8455 May 17 j 13:59	0°♉		
	-8455 Jun 12 j 02:00	0°♊		
desc. node	-8455 Jul 05 j 21:22	27°♊05'51		
	-8455 Jul 08 j 12:24	0°♋		
evening max el	-8455 Jul 28 j 03:39	20°♋49'48	47°45'20	
	-8455 Aug 06 j 13:06	0°♌		
greatest brilliancy	-8455 Sep 07 j 12:47	22°♌39'47	-4.9m	
retrograde	-8455 Sep 17 j 05:01	24°♌28'02		
evening set	-8455 Oct 02 j 17:06	19°♌35'43		
inferior conj	-8455 Oct 07 j 21:19	16°♌25'54	-4°21'47	
minimum elong	-8455 Oct 08 j 05:47	16°♌12'37	4°19'02	
min. Earth dist.	-8455 Oct 07 j 09:35	16°♌44'17	0.26896 AU	
morning rise	-8455 Oct 13 j 19:09	12°♌53'47		
asc. node	-8455 Oct 26 j 02:35	8°♌46'45		
direct	-8455 Oct 28 j 05:06	8°♌41'13		
greatest brilliancy	-8455 Nov 06 j 16:40	10°♌25'12	-4.9m	
	-8455 Dec 05 j 17:48	0°♍		
morning max el	-8455 Dec 16 j 19:11	10°♍23'14	46°12'25	
	-8454 Jan 04 j 21:36	0°♎		
	-8454 Feb 01 j 04:25	0°♏		
desc. node	-8454 Feb 15 j 19:38	16°♏39'08		
	-8454 Feb 27 j 08:59	0°♐		
	-8454 Mar 24 j 20:56	0°♑		
	-8454 Apr 18 j 19:45	0°♒		
	-8454 May 13 j 07:45	0°♓		
	-8454 Jun 06 j 11:14	0°♈		
asc. node	-8454 Jun 07 j 18:09	1°♈36'39		
morning set	-8454 Jun 11 j 04:06	5°♈53'08		
	-8454 Jun 30 j 08:40	0°♉		
max. Earth dist.	-8454 Jul 18 j 06:56	22°♉37'55	1.70886 AU	
superior conj	-8454 Jul 19 j 07:14	23°♉54'42	1°16'40	
minimum elong	-8454 Jul 18 j 23:53	23°♉31'27	1°16'57	
	-8454 Jul 24 j 02:52	0°♊		
	-8454 Aug 16 j 20:51	0°♋		
evening rise	-8454 Aug 29 j 00:22	15°♋17'59		
	-8454 Sep 09 j 17:15	0°♌		
desc. node	-8454 Sep 28 j 06:16	23°♌10'37		
	-8454 Oct 03 j 17:46	0°♍		
	-8454 Oct 27 j 23:14	0°♎		
	-8454 Nov 21 j 10:41	0°♏		
	-8454 Dec 16 j 07:20	0°♐		
	-8453 Jan 10 j 20:39	0°♑		
asc. node	-8453 Jan 18 j 07:50	8°♑31'16		
	-8453 Feb 06 j 19:02	0°♒		
evening max el	-8453 Mar 01 j 07:04	22°♒47'57	45°01'37	
	-8453 Mar 09 j 04:29	0°♓		
greatest brilliancy	-8453 Apr 08 j 07:02	19°♓48'50	-4.7m	
retrograde	-8453 Apr 18 j 09:55	21°♓37'12		
evening set	-8453 May 03 j 04:23	17°♓33'41		
inferior conj	-8453 May 09 j 14:02	13°♓53'24	0°21'48	
minimum elong	-8453 May 09 j 14:50	13°♓52'11	0°21'21	
min. Earth dist.	-8453 May 10 j 11:04	13°♓21'40	0.27818 AU	
desc. node	-8453 May 11 j 02:58	12°♓57'43		
morning rise	-8453 May 16 j 00:11	10°♓09'37		
direct	-8453 May 31 j 00:23	5°♓53'25		
greatest brilliancy	-8453 Jun 11 j 13:04	8°♓16'45	-4.8m	
	-8453 Jul 11 j 23:13	0°♈		
morning max el	-8453 Jul 20 j 06:09	8°♈03'16	46°39'47	
	-8453 Aug 09 j 19:18	0°♉		
asc. node	-8453 Aug 31 j 06:46	24°♉48'54		
	-8453 Sep 04 j 15:28	0°♊		
	-8453 Sep 29 j 10:06	0°♋		
	-8453 Oct 23 j 20:13	0°♌		
	-8453 Nov 17 j 05:56	0°♍		
	-8453 Dec 11 j 18:06	0°♎		
desc. node	-8453 Dec 21 j 19:56	12°♎18'14		
	-8452 Jan 05 j 08:08	0°♏		
morning set	-8452 Jan 25 j 06:58	24°♏20'54		
	-8452 Jan 29 j 22:01	0°♐		
	-8452 Feb 23 j 10:06	0°♑		
max. Earth dist.	-8452 Feb 28 j 05:31	5°♑54'04	1.73738 AU	
superior conj	-8452 Mar 01 j 19:03	9°♑02'54	-1°14'45	
minimum elong	-8452 Mar 02 j 00:58	9°♑21'03	1°15'12	
	-8452 Mar 18 j 19:56	0°♒		
evening rise	-8452 Apr 06 j 04:58	22°♒38'57		
asc. node	-8452 Apr 11 j 17:47	29°♒28'45		
	-8452 Apr 12 j 03:55	0°♓		
	-8452 May 06 j 10:50	0°♈		
	-8452 May 30 j 17:41	0°♉		
	-8452 Jun 24 j 02:01	0°♊		
	-8452 Jul 18 j 14:31	0°♋		
desc. node	-8452 Aug 02 j 08:21	17°♋50'58		
	-8452 Aug 12 j 11:36	0°♌		
	-8452 Sep 07 j 01:46	0°♍		
	-8452 Oct 04 j 08:18	0°♎		
evening max el	-8452 Oct 07 j 03:26	2°♎52'44	47°00'58	
	-8452 Nov 07 j 18:41	0°♏		
greatest brilliancy	-8452 Nov 15 j 21:51	4°♏10'22	-4.8m	
asc. node	-8452 Nov 22 j 13:07	6°♏06'04		
retrograde	-8452 Nov 26 j 21:47	6°♏29'01		
evening set	-8452 Dec 12 j 12:41	1°♏33'58		
	-8452 Dec 15 j 02:33	30°℞♎		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

min. Earth dist.	-8452 Dec 17 j 08:29	28°♎33'53	0.28729 AU
inferior conj	-8452 Dec 18 j 03:06	28°♎03'49	5°29'24
minimum elong	-8452 Dec 17 j 18:27	28°♎17'48	5°27'20
morning rise	-8452 Dec 23 j 00:47	24°♎59'03	
direct	-8451 Jan 08 j 08:37	19°♎45'38	
greatest brilliancy	-8451 Jan 17 j 05:48	21°♎12'23	-4.7m
	-8451 Feb 02 j 22:57	0°♏	
morning max el	-8451 Feb 26 j 00:20	19°♏20'13	45°54'39
	-8451 Mar 08 j 21:18	0°♐	
desc. node	-8451 Mar 15 j 07:31	6°♐35'34	
	-8451 Apr 05 j 23:41	0°♑	
	-8451 May 02 j 04:59	0°♒	
	-8451 May 27 j 09:19	0°♓	
	-8451 Jun 20 j 21:11	0°♈	
asc. node	-8451 Jul 05 j 07:30	17°♈57'30	
	-8451 Jul 14 j 22:05	0°♉	
greatest brilliancy	-8451 Jul 17 j 03:18	2°♉47'11	-3.9m
	-8451 Aug 07 j 16:49	0°♊	
morning set	-8451 Aug 23 j 21:39	20°♊30'08	
	-8451 Aug 31 j 09:48	0°♋	
	-8451 Sep 24 j 04:38	0°♌	
superior conj	-8451 Oct 04 j 18:44	13°♌17'35	0°45'30
minimum elong	-8451 Oct 05 j 05:36	13°♌51'36	0°45'31
max. Earth dist.	-8451 Oct 11 j 08:54	21°♌32'36	1.71460 AU
	-8451 Oct 18 j 03:25	0°♍	
desc. node	-8451 Oct 25 j 19:14	9°♍32'44	
	-8451 Nov 11 j 06:31	0°♎	
evening rise	-8451 Nov 16 j 13:08	6°♎31'47	
	-8451 Dec 05 j 13:28	0°♏	
	-8451 Dec 30 j 00:10	0°♐	
	-8450 Jan 23 j 16:04	0°♑	
asc. node	-8450 Feb 14 j 19:19	26°♑34'27	
	-8450 Feb 17 j 16:27	0°♒	
	-8450 Mar 15 j 06:21	0°♓	
	-8450 Apr 10 j 18:25	0°♈	
	-8450 May 09 j 04:15	0°♉	
evening max el	-8450 May 13 j 01:40	3°♉49'06	46°20'44
desc. node	-8450 Jun 07 j 13:15	25°♉30'31	
	-8450 Jun 14 j 19:41	0°♊	
greatest brilliancy	-8450 Jun 22 j 14:02	3°♊26'22	-4.9m
retrograde	-8450 Jul 02 j 00:20	5°♊04'59	
	-8450 Jul 18 j 09:29	30°℞♉	
evening set	-8450 Jul 19 j 02:23	29°♉36'04	
inferior conj	-8450 Jul 22 j 18:20	27°♉26'26	-8°30'10
minimum elong	-8450 Jul 22 j 11:59	27°♉35'56	8°29'08
min. Earth dist.	-8450 Jul 22 j 13:07	27°♉34'15	0.26659 AU
morning rise	-8450 Jul 25 j 21:31	25°♉35'06	
direct	-8450 Aug 12 j 04:25	19°♉52'47	
greatest brilliancy	-8450 Aug 22 j 16:21	21°♉58'02	-4.9m
	-8450 Sep 05 j 20:32	0°♊	
asc. node	-8450 Sep 27 j 18:06	19°♊13'01	
morning max el	-8450 Oct 01 j 21:42	23°♊23'59	46°42'25
	-8450 Oct 08 j 05:40	0°♋	
	-8450 Nov 04 j 04:49	0°♌	
	-8450 Nov 29 j 22:00	0°♍	
	-8450 Dec 25 j 06:01	0°♎	
desc. node	-8449 Jan 18 j 09:09	28°♎45'29	
	-8449 Jan 19 j 10:05	0°♏	
	-8449 Feb 13 j 10:05	0°♐	
	-8449 Mar 10 j 04:43	0°♑	
morning set	-8449 Apr 02 j 13:22	28°♑33'59	
	-8449 Apr 03 j 17:22	0°♒	
	-8449 Apr 28 j 00:27	0°♓	
max. Earth dist.	-8449 May 03 j 15:30	6°♓58'59	1.72596 AU
superior conj	-8449 May 07 j 23:22	12°♓21'47	-0°05'25
minimum elong	-8449 May 08 j 00:28	12°♓25'12	0°05'36
behind sun begin	-8449 May 07 j 03:29	11°♓19'57	
behind sun end	-8449 May 08 j 21:26	13°♓30'26	
asc. node	-8449 May 10 j 06:55	15°♓14'35	
	-8449 May 22 j 03:01	0°♈	
evening rise	-8449 Jun 13 j 04:22	27°♈35'19	
	-8449 Jun 15 j 02:33	0°♉	
	-8449 Jul 09 j 00:55	0°♊	
	-8449 Aug 02 j 00:20	0°♋	
	-8449 Aug 26 j 03:08	0°♌	
desc. node	-8449 Aug 30 j 20:02	5°♌49'11	
	-8449 Sep 19 j 11:44	0°♍	
	-8449 Oct 14 j 05:28	0°♎	
	-8449 Nov 08 j 15:44	0°♏	
	-8449 Dec 05 j 14:54	0°♐	
evening max el	-8449 Dec 17 j 18:30	12°♐24'47	45°24'39
asc. node	-8449 Dec 20 j 23:27	15°♐30'50	
	-8448 Jan 06 j 16:18	0°♑	
greatest brilliancy	-8448 Jan 24 j 11:22	10°♑29'49	-4.7m
retrograde	-8448 Feb 04 j 09:40	12°♑38'59	
evening set	-8448 Feb 21 j 21:34	6°♑49'55	
inferior conj	-8448 Feb 25 j 20:20	4°♑22'48	7°44'03
minimum elong	-8448 Feb 26 j 01:11	4°♑15'09	7°43'07
min. Earth dist.	-8448 Feb 26 j 12:38	3°♑57'03	0.29534 AU
morning rise	-8448 Mar 01 j 04:42	1°♑40'56	
	-8448 Mar 04 j 03:48	30°℞♐	
direct	-8448 Mar 18 j 20:07	25°♐51'23	
greatest brilliancy	-8448 Mar 29 j 06:53	27°♐48'56	-4.7m
	-8448 Apr 03 j 09:24	0°♑	
desc. node	-8448 Apr 11 j 18:27	4°♑54'01	
morning max el	-8448 May 07 j 04:13	26°♑12'42	46°09'11
	-8448 May 11 j 01:01	0°♒	
	-8448 Jun 08 j 03:32	0°♓	
	-8448 Jul 03 j 23:00	0°♈	
	-8448 Jul 28 j 16:09	0°♉	
asc. node	-8448 Aug 01 j 20:37	5°♉09'56	
	-8448 Aug 21 j 19:26	0°♊	
	-8448 Sep 14 j 16:54	0°♋	
	-8448 Oct 08 j 14:20	0°♌	
	-8448 Nov 01 j 15:10	0°♍	
morning set	-8448 Nov 09 j 13:37	9°♍51'16	
desc. node	-8448 Nov 22 j 08:32	25°♍41'25	
	-8448 Nov 25 j 20:14	0°♎	
	-8448 Dec 20 j 04:26	0°♏	
superior conj	-8448 Dec 20 j 14:12	0°♏30'04	-0°57'43
minimum elong	-8448 Dec 20 j 04:24	29°♎59'55	0°57'36
max. Earth dist.	-8448 Dec 22 j 15:32	3°♏01'49	1.73243 AU
	-8447 Jan 13 j 14:15	0°♐	
evening rise	-8447 Jan 27 j 10:50	17°♐00'45	
	-8447 Feb 07 j 01:02	0°♑	
greatest brilliancy	-8447 Feb 11 j 16:36	5°♑41'40	-3.9m
	-8447 Mar 03 j 13:28	0°♒	
asc. node	-8447 Mar 14 j 07:16	13°♒05'52	
	-8447 Mar 28 j 04:53	0°♓	
	-8447 Apr 22 j 00:46	0°♈	
	-8447 May 17 j 03:12	0°♉	
	-8447 Jun 11 j 16:51	0°♊	
desc. node	-8447 Jul 04 j 23:40	26°♊23'29	
	-8447 Jul 08 j 06:33	0°♋	
evening max el	-8447 Jul 25 j 18:37	18°♋28'07	47°44'17
	-8447 Aug 06 j 17:35	0°♌	
greatest brilliancy	-8447 Sep 05 j 03:52	20°♌14'25	-4.9m
retrograde	-8447 Sep 14 j 18:40	22°♌00'52	
evening set	-8447 Sep 30 j 09:25	17°♌05'44	
inferior conj	-8447 Oct 05 j 10:50	13°♌59'58	-4°42'01
minimum elong	-8447 Oct 05 j 19:46	13°♌45'58	4°39'10

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

min. Earth dist.	-8447 Oct 04 j 23:46	14°♌17'21	0.26859 AU	
morning rise	-8447 Oct 11 j 06:44	10°♌30'29		
asc. node	-8447 Oct 25 j 04:47	6°♌16'50		
direct	-8447 Oct 25 j 18:20	6°♌16'26		
greatest brilliancy	-8447 Nov 04 j 06:40	8°♌00'52	-4.9m	
	-8447 Dec 05 j 22:07	0°♍		
morning max el	-8447 Dec 14 j 08:49	8°♍02'16	46°13'22	
	-8446 Jan 04 j 15:16	0°♎		
	-8446 Jan 31 j 18:45	0°♏		
desc. node	-8446 Feb 14 j 21:53	16°♏07'19		
	-8446 Feb 26 j 21:42	0°♐		
	-8446 Mar 24 j 08:47	0°♑		
	-8446 Apr 18 j 07:08	0°♒		
	-8446 May 12 j 18:55	0°♓		
	-8446 Jun 05 j 22:19	0°♈		
asc. node	-8446 Jun 06 j 20:16	1°♈08'37		
morning set	-8446 Jun 08 j 20:25	3°♈39'17		
	-8446 Jun 29 j 19:44	0°♉		
max. Earth dist.	-8446 Jul 15 j 10:57	19°♉43'56	1.70918 AU	
superior conj	-8446 Jul 16 j 20:41	21°♉30'30	1°15'12	
minimum elong	-8446 Jul 16 j 12:49	21°♉05'40	1°15'26	
	-8446 Jul 23 j 13:59	0°♊		
	-8446 Aug 16 j 08:02	0°♋		
evening rise	-8446 Aug 26 j 09:10	12°♋39'20		
	-8446 Sep 09 j 04:33	0°♌		
desc. node	-8446 Sep 27 j 08:21	22°♌41'38		
	-8446 Oct 03 j 05:12	0°♍		
	-8446 Oct 27 j 10:50	0°♎		
	-8446 Nov 20 j 22:36	0°♏		
	-8446 Dec 15 j 19:51	0°♐		
	-8445 Jan 10 j 10:31	0°♑		
asc. node	-8445 Jan 17 j 10:12	7°♑57'09		
	-8445 Feb 06 j 12:05	0°♒		
evening max el	-8445 Feb 26 j 20:46	20°♒32'00	45°00'30	
	-8445 Mar 09 j 09:00	0°♓		
greatest brilliancy	-8445 Apr 05 j 20:45	17°♓33'32	-4.7m	
retrograde	-8445 Apr 15 j 23:28	19°♓22'20		
evening set	-8445 Apr 30 j 19:34	15°♓16'31		
inferior conj	-8445 May 07 j 04:20	11°♓37'31	0°42'48	
minimum elong	-8445 May 07 j 05:55	11°♓35'08	0°42'06	
min. Earth dist.	-8445 May 08 j 02:41	11°♓03'48	0.27887 AU	
desc. node	-8445 May 10 j 05:07	9°♓48'24		
morning rise	-8445 May 13 j 15:04	7°♓52'40		
direct	-8445 May 28 j 15:01	3°♓35'49		
greatest brilliancy	-8445 Jun 09 j 05:27	6°♓00'35	-4.8m	
	-8445 Jul 12 j 01:13	0°♈		
morning max el	-8445 Jul 17 j 20:15	5°♈40'59	46°39'12	
	-8445 Aug 09 j 12:32	0°♉		
asc. node	-8445 Aug 30 j 08:53	24°♉11'22		
	-8445 Sep 04 j 05:54	0°♊		
	-8445 Sep 28 j 23:13	0°♋		
	-8445 Oct 23 j 08:36	0°♌		
	-8445 Nov 16 j 17:50	0°♍		
	-8445 Dec 11 j 05:37	0°♎		
desc. node	-8445 Dec 20 j 22:06	11°♎50'02		
	-8444 Jan 04 j 19:22	0°♏		
morning set	-8444 Jan 22 j 23:25	22°♏10'43		
	-8444 Jan 29 j 09:03	0°♐		
	-8444 Feb 22 j 21:02	0°♑		
max. Earth dist.	-8444 Feb 26 j 02:10	3°♑56'37	1.73753 AU	
superior conj	-8444 Feb 28 j 14:12	7°♑00'52	-1°15'53	
minimum elong	-8444 Feb 28 j 19:43	7°♑17'47	1°16'20	
	-8444 Mar 18 j 06:52	0°♒		
evening rise	-8444 Apr 04 j 00:37	20°♒37'38		
asc. node	-8444 Apr 10 j 19:52	29°♒01'00		
	-8444 Apr 11 j 14:59	0°♓		
	-8444 May 05 j 22:10	0°♈		
	-8444 May 30 j 05:25	0°♉		
	-8444 Jun 23 j 14:18	0°♊		
	-8444 Jul 18 j 03:30	0°♋		
desc. node	-8444 Aug 01 j 10:36	17°♋17'06		
	-8444 Aug 12 j 01:38	0°♌		
	-8444 Sep 06 j 17:44	0°♍		
	-8444 Oct 04 j 05:19	0°♎		
evening max el	-8444 Oct 04 j 18:46	0°♎34'23	47°04'23	
	-8444 Nov 09 j 09:13	0°♏		
greatest brilliancy	-8444 Nov 13 j 15:23	1°♏58'10	-4.8m	
asc. node	-8444 Nov 21 j 15:19	4°♏06'10		
retrograde	-8444 Nov 24 j 15:06	4°♏17'07		
	-8444 Dec 09 j 02:45	30°℞♎		
evening set	-8444 Dec 10 j 03:36	29°♎24'41		
min. Earth dist.	-8444 Dec 15 j 00:49	26°♎22'57	0.28664 AU	
inferior conj	-8444 Dec 15 j 19:58	25°♎52'04	5°15'13	
minimum elong	-8444 Dec 15 j 11:25	26°♎05'52	5°13'07	
morning rise	-8444 Dec 20 j 19:49	22°♎44'23		
direct	-8443 Jan 06 j 00:16	17°♎34'40		
greatest brilliancy	-8443 Jan 14 j 21:46	19°♎01'57	-4.7m	
	-8443 Feb 03 j 15:07	0°♏		
morning max el	-8443 Feb 23 j 16:56	17°♏12'08	45°54'42	
	-8443 Mar 08 j 16:18	0°♐		
desc. node	-8443 Mar 14 j 09:35	5°♐54'51		
	-8443 Apr 05 j 14:26	0°♑		
	-8443 May 01 j 18:01	0°♒		
	-8443 May 26 j 21:29	0°♓		
	-8443 Jun 20 j 08:54	0°♈		
asc. node	-8443 Jul 04 j 09:45	17°♈28'17		
	-8443 Jul 14 j 09:36	0°♉		
greatest brilliancy	-8443 Jul 18 j 06:32	4°♉52'10	-3.9m	
	-8443 Aug 07 j 04:16	0°♊		
morning set	-8443 Aug 21 j 08:05	17°♊55'08		
	-8443 Aug 30 j 21:14	0°♋		
	-8443 Sep 23 j 16:02	0°♌		
superior conj	-8443 Oct 02 j 03:07	10°♌37'42	0°48'48	
minimum elong	-8443 Oct 02 j 14:25	11°♌13'09	0°48'49	
max. Earth dist.	-8443 Oct 08 j 14:48	18°♌45'22	1.71397 AU	
	-8443 Oct 17 j 14:45	0°♍		
desc. node	-8443 Oct 24 j 21:18	9°♍03'55		
	-8443 Nov 10 j 17:49	0°♎		
evening rise	-8443 Nov 14 j 00:14	4°♎02'44		
	-8443 Dec 05 j 00:46	0°♏		
	-8443 Dec 29 j 11:36	0°♐		
	-8442 Jan 23 j 03:50	0°♑		
asc. node	-8442 Feb 13 j 21:28	26°♑04'09		
	-8442 Feb 17 j 04:54	0°♒		
	-8442 Mar 14 j 20:07	0°♓		
	-8442 Apr 10 j 10:49	0°♈		
	-8442 May 09 j 03:25	0°♉		
evening max el	-8442 May 10 j 15:38	1°♉28'01	46°17'05	
desc. node	-8442 Jun 06 j 15:33	24°♉07'01		
	-8442 Jun 17 j 12:27	0°♊		
greatest brilliancy	-8442 Jun 19 j 24:00	0°♊55'22	-4.9m	
retrograde	-8442 Jun 29 j 12:37	2°♊35'19		
	-8442 Jul 10 j 23:10	30°℞♉		
evening set	-8442 Jul 16 j 10:05	27°♉12'28		
inferior conj	-8442 Jul 20 j 06:10	24°♉56'56	-8°21'54	
minimum elong	-8442 Jul 19 j 23:04	25°♉07'34	8°20'43	
min. Earth dist.	-8442 Jul 20 j 00:46	25°♉05'00	0.26676 AU	
morning rise	-8442 Jul 23 j 12:00	23°♉01'57		
direct	-8442 Aug 09 j 17:34	17°♉23'11		
greatest brilliancy	-8442 Aug 20 j 05:02	19°♉28'18	-4.9m	
	-8442 Sep 06 j 16:50	0°♊		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

asc. node	-8442 Sep 26 j 20:15	18°♊16'44	
morning max el	-8442 Sep 29 j 11:31	20°♊57'07	46°42'59
	-8442 Oct 08 j 02:28	0°♋	
	-8442 Nov 03 j 20:49	0°♌	
	-8442 Nov 29 j 11:56	0°♍	
	-8442 Dec 24 j 18:46	0°♎	
desc. node	-8441 Jan 17 j 11:20	28°♎16'01	
	-8441 Jan 18 j 22:06	0°♏	
	-8441 Feb 12 j 21:36	0°♐	
	-8441 Mar 09 j 15:56	0°♑	
morning set	-8441 Mar 31 j 09:02	26°♑32'56	
	-8441 Apr 03 j 04:27	0°♒	
	-8441 Apr 27 j 11:30	0°♓	
max. Earth dist.	-8441 May 01 j 09:11	4°♓50'31	1.72656 AU
superior conj	-8441 May 05 j 18:09	10°♓16'28	-0°08'27
minimum elong	-8441 May 05 j 19:50	10°♓21'42	0°08'37
behind sun begin	-8441 May 05 j 01:00	9°♓23'12	
behind sun end	-8441 May 06 j 14:39	11°♓20'12	
asc. node	-8441 May 09 j 09:04	14°♓46'45	
	-8441 May 21 j 14:09	0°♈	
evening rise	-8441 Jun 10 j 21:09	25°♈22'11	
	-8441 Jun 14 j 13:52	0°♉	
	-8441 Jul 08 j 12:28	0°♊	
	-8441 Aug 01 j 12:09	0°♋	
	-8441 Aug 25 j 15:17	0°♌	
desc. node	-8441 Aug 29 j 22:06	5°♌17'48	
	-8441 Sep 19 j 00:21	0°♍	
	-8441 Oct 13 j 18:50	0°♎	
	-8441 Nov 08 j 06:33	0°♏	
	-8441 Dec 05 j 09:28	0°♐	
evening max el	-8441 Dec 15 j 10:48	10°♐13'34	45°27'18
asc. node	-8441 Dec 20 j 01:51	14°♐41'01	
	-8440 Jan 07 j 06:17	0°♑	
greatest brilliancy	-8440 Jan 22 j 04:34	8°♑24'02	-4.7m
retrograde	-8440 Feb 02 j 02:44	10°♑33'14	
evening set	-8440 Feb 19 j 16:05	4°♑42'13	
inferior conj	-8440 Feb 23 j 13:44	2°♑16'21	7°49'01
minimum elong	-8440 Feb 23 j 18:00	2°♑09'35	7°48'10
min. Earth dist.	-8440 Feb 24 j 04:43	1°♑52'37	0.29552 AU
	-8440 Feb 27 j 04:52	30°℞♐	
morning rise	-8440 Feb 27 j 19:51	29°♐37'23	
direct	-8440 Mar 16 j 13:36	23°♐44'49	
greatest brilliancy	-8440 Mar 26 j 21:53	25°♐39'58	-4.7m
	-8440 Apr 05 j 00:52	0°♑	
desc. node	-8440 Apr 10 j 20:39	3°♑43'07	
morning max el	-8440 May 04 j 20:04	24°♑01'14	46°08'04
	-8440 May 10 j 21:38	0°♒	
	-8440 Jun 07 j 19:00	0°♓	
	-8440 Jul 03 j 12:35	0°♈	
	-8440 Jul 28 j 04:50	0°♉	
asc. node	-8440 Jul 31 j 22:43	4°♉37'36	
	-8440 Aug 21 j 07:36	0°♊	
	-8440 Sep 14 j 04:46	0°♋	
	-8440 Oct 08 j 02:00	0°♌	
	-8440 Nov 01 j 02:41	0°♍	
morning set	-8440 Nov 07 j 00:14	7°♍19'42	
desc. node	-8440 Nov 21 j 10:43	25°♍12'54	
	-8440 Nov 25 j 07:37	0°♎	
superior conj	-8440 Dec 18 j 04:04	28°♎10'25	-0°55'14
minimum elong	-8440 Dec 17 j 18:14	27°♎40'09	0°55'06
	-8440 Dec 19 j 15:41	0°♏	
max. Earth dist.	-8440 Dec 20 j 11:46	1°♏01'48	1.73193 AU
	-8439 Jan 13 j 01:25	0°♐	
evening rise	-8439 Jan 25 j 04:26	14°♐53'10	
	-8439 Feb 06 j 12:13	0°♑	
greatest brilliancy	-8439 Feb 11 j 00:18	5°♑30'59	-3.9m
	-8439 Mar 03 j 00:50	0°♒	
asc. node	-8439 Mar 13 j 09:25	12°♒37'26	
	-8439 Mar 27 j 16:39	0°♓	
	-8439 Apr 21 j 13:14	0°♈	
	-8439 May 16 j 16:44	0°♉	
	-8439 Jun 11 j 08:10	0°♊	
desc. node	-8439 Jul 04 j 01:54	25°♊39'23	
	-8439 Jul 08 j 01:30	0°♋	
evening max el	-8439 Jul 23 j 08:40	16°♋02'58	47°43'02
	-8439 Aug 07 j 00:31	0°♌	
greatest brilliancy	-8439 Sep 02 j 19:15	17°♌48'11	-4.9m
retrograde	-8439 Sep 12 j 07:41	19°♌32'31	
evening set	-8439 Sep 28 j 01:45	14°♌34'19	
min. Earth dist.	-8439 Oct 02 j 14:06	11°♌48'57	0.26823 AU
inferior conj	-8439 Oct 03 j 00:16	11°♌32'59	-5°01'46
minimum elong	-8439 Oct 03 j 09:36	11°♌18'21	4°58'51
morning rise	-8439 Oct 08 j 17:59	8°♌06'23	
direct	-8439 Oct 23 j 07:02	3°♌50'23	
asc. node	-8439 Oct 24 j 07:03	3°♌51'36	
greatest brilliancy	-8439 Nov 01 j 21:03	5°♌35'56	-4.9m
	-8439 Dec 06 j 01:07	0°♍	
morning max el	-8439 Dec 11 j 21:56	5°♍39'02	46°14'23
	-8438 Jan 04 j 08:48	0°♎	
	-8438 Jan 31 j 09:09	0°♏	
desc. node	-8438 Feb 13 j 23:51	15°♏34'14	
	-8438 Feb 26 j 10:34	0°♐	
	-8438 Mar 23 j 20:47	0°♑	
	-8438 Apr 17 j 18:39	0°♒	
	-8438 May 12 j 06:11	0°♓	
	-8438 Jun 05 j 09:30	0°♈	
asc. node	-8438 Jun 05 j 22:33	0°♈40'47	
morning set	-8438 Jun 06 j 13:05	1°♈26'15	
	-8438 Jun 29 j 06:57	0°♉	
max. Earth dist.	-8438 Jul 12 j 18:12	16°♉59'41	1.70962 AU
superior conj	-8438 Jul 14 j 10:14	19°♉06'04	1°13'36
minimum elong	-8438 Jul 14 j 01:55	18°♉39'49	1°13'47
	-8438 Jul 23 j 01:17	0°♊	
	-8438 Aug 15 j 19:28	0°♋	
evening rise	-8438 Aug 23 j 17:52	9°♋59'38	
	-8438 Sep 08 j 16:06	0°♌	
desc. node	-8438 Sep 26 j 10:28	22°♌12'01	
	-8438 Oct 02 j 16:52	0°♍	
	-8438 Oct 26 j 22:39	0°♎	
	-8438 Nov 20 j 10:44	0°♏	
	-8438 Dec 15 j 08:39	0°♐	
	-8437 Jan 10 j 00:43	0°♑	
asc. node	-8437 Jan 16 j 12:22	7°♑21'39	
	-8437 Feb 06 j 05:41	0°♒	
evening max el	-8437 Feb 24 j 10:56	18°♒17'01	44°59'40
	-8437 Mar 09 j 15:38	0°♓	
greatest brilliancy	-8437 Apr 03 j 10:07	15°♓18'19	-4.7m
retrograde	-8437 Apr 13 j 13:57	17°♓08'14	
evening set	-8437 Apr 28 j 11:10	12°♓59'55	
inferior conj	-8437 May 04 j 18:50	9°♓22'17	1°03'33
minimum elong	-8437 May 04 j 21:11	9°♓18'45	1°02'37
min. Earth dist.	-8437 May 05 j 18:03	8°♓47'16	0.27954 AU
desc. node	-8437 May 09 j 07:21	6°♓41'21	
morning rise	-8437 May 11 j 06:01	5°♓36'52	
direct	-8437 May 26 j 06:07	1°♓19'03	
greatest brilliancy	-8437 Jun 06 j 21:30	3°♓44'52	-4.8m
	-8437 Jul 12 j 01:49	0°♈	
morning max el	-8437 Jul 15 j 11:19	3°♈21'34	46°38'22
	-8437 Aug 09 j 05:26	0°♉	
asc. node	-8437 Aug 29 j 11:03	23°♉34'01	
	-8437 Sep 03 j 20:16	0°♊	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8437 Sep 28 j 12:23	0°♋	
	-8437 Oct 22 j 21:05	0°♌	
	-8437 Nov 16 j 05:49	0°♍	
	-8437 Dec 10 j 17:13	0°♎	
desc. node	-8437 Dec 20 j 00:16	11°♎21'34	
	-8436 Jan 04 j 06:40	0°♏	
morning set	-8436 Jan 20 j 15:27	19°♏59'00	
	-8436 Jan 28 j 20:08	0°♐	
	-8436 Feb 22 j 08:02	0°♑	
max. Earth dist.	-8436 Feb 23 j 23:54	2°♑02'18	1.73766 AU
superior conj	-8436 Feb 26 j 09:12	4°♑58'10	-1°16'55
minimum elong	-8436 Feb 26 j 14:17	5°♑13'44	1°17'24
	-8436 Mar 17 j 17:52	0°♒	
evening rise	-8436 Apr 01 j 20:22	18°♒36'32	
asc. node	-8436 Apr 09 j 22:07	28°♒33'43	
	-8436 Apr 11 j 02:06	0°♓	
	-8436 May 05 j 09:30	0°♈	
	-8436 May 29 j 17:06	0°♉	
	-8436 Jun 23 j 02:31	0°♊	
	-8436 Jul 17 j 16:28	0°♋	
desc. node	-8436 Jul 31 j 12:39	16°♋42'39	
	-8436 Aug 11 j 15:44	0°♌	
	-8436 Sep 06 j 09:58	0°♍	
evening max el	-8436 Oct 02 j 10:58	28°♍17'48	47°07'34
	-8436 Oct 04 j 03:14	0°♎	
greatest brilliancy	-8436 Nov 11 j 08:18	29°♎44'02	-4.8m
	-8436 Nov 12 j 00:38	0°♏	
asc. node	-8436 Nov 20 j 17:41	2°♏00'19	
retrograde	-8436 Nov 22 j 08:28	2°♏03'33	
	-8436 Dec 02 j 05:40	30°℞♎	
evening set	-8436 Dec 07 j 18:15	27°♎13'45	
min. Earth dist.	-8436 Dec 12 j 16:32	24°♎10'43	0.28597 AU
inferior conj	-8436 Dec 13 j 12:26	23°♎38'40	5°00'12
minimum elong	-8436 Dec 13 j 04:02	23°♎52'12	4°58'07
morning rise	-8436 Dec 18 j 14:30	20°♎28'11	
direct	-8435 Jan 03 j 16:01	15°♎22'18	
greatest brilliancy	-8435 Jan 12 j 12:54	16°♎49'39	-4.7m
	-8435 Feb 04 j 03:28	0°♏	
morning max el	-8435 Feb 21 j 09:38	15°♏04'08	45°54'49
	-8435 Mar 08 j 10:50	0°♐	
desc. node	-8435 Mar 13 j 11:50	5°♐15'04	
	-8435 Apr 05 j 04:59	0°♑	
	-8435 May 01 j 06:54	0°♒	
	-8435 May 26 j 09:31	0°♓	
	-8435 Jun 19 j 20:29	0°♈	
asc. node	-8435 Jul 03 j 11:52	16°♈59'08	
	-8435 Jul 13 j 20:57	0°♉	
greatest brilliancy	-8435 Jul 19 j 01:39	6°♉32'13	-3.9m
	-8435 Aug 06 j 15:31	0°♊	
morning set	-8435 Aug 18 j 19:03	15°♊22'28	
	-8435 Aug 30 j 08:27	0°♋	
	-8435 Sep 23 j 03:15	0°♌	
superior conj	-8435 Sep 29 j 11:32	7°♌58'18	0°52'00
minimum elong	-8435 Sep 29 j 23:09	8°♌34'46	0°52'02
max. Earth dist.	-8435 Oct 05 j 23:23	16°♌06'52	1.71344 AU
	-8435 Oct 17 j 01:58	0°♍	
desc. node	-8435 Oct 23 j 23:31	8°♍35'52	
	-8435 Nov 10 j 05:02	0°♎	
evening rise	-8435 Nov 11 j 10:48	1°♎32'09	
	-8435 Dec 04 j 12:02	0°♏	
	-8435 Dec 28 j 23:00	0°♐	
	-8434 Jan 22 j 15:34	0°♑	
asc. node	-8434 Feb 12 j 23:38	25°♑34'04	
	-8434 Feb 16 j 17:20	0°♒	
	-8434 Mar 14 j 09:54	0°♓	
	-8434 Apr 10 j 03:24	0°♈	
evening max el	-8434 May 08 j 05:52	29°♈08'06	46°13'27
	-8434 May 09 j 03:26	0°♉	
desc. node	-8434 Jun 05 j 17:49	22°♉41'15	
greatest brilliancy	-8434 Jun 17 j 10:32	28°♉26'05	-4.9m
	-8434 Jun 24 j 15:07	0°♊	
retrograde	-8434 Jun 27 j 00:38	0°♊06'38	
	-8434 Jun 29 j 09:28	30°℞♉	
evening set	-8434 Jul 13 j 17:50	24°♉50'26	
inferior conj	-8434 Jul 17 j 18:06	22°♉28'49	-8°12'39
minimum elong	-8434 Jul 17 j 10:20	22°♉40'27	8°11'19
min. Earth dist.	-8434 Jul 17 j 12:46	22°♉36'49	0.26686 AU
morning rise	-8434 Jul 21 j 02:48	20°♉29'42	
direct	-8434 Aug 07 j 06:40	14°♉55'10	
greatest brilliancy	-8434 Aug 17 j 17:45	16°♉59'50	-4.9m
	-8434 Sep 07 j 07:27	0°♊	
asc. node	-8434 Sep 25 j 22:35	17°♊23'08	
morning max el	-8434 Sep 27 j 00:15	18°♊28'35	46°43'28
	-8434 Oct 07 j 22:11	0°♋	
	-8434 Nov 03 j 12:14	0°♌	
	-8434 Nov 29 j 01:29	0°♍	
	-8434 Dec 24 j 07:16	0°♎	
desc. node	-8433 Jan 16 j 13:21	27°♎46'32	
	-8433 Jan 18 j 09:55	0°♏	
	-8433 Feb 12 j 08:57	0°♐	
	-8433 Mar 09 j 02:58	0°♑	
morning set	-8433 Mar 29 j 04:19	24°♑31'28	
	-8433 Apr 02 j 15:18	0°♒	
	-8433 Apr 26 j 22:20	0°♓	
max. Earth dist.	-8433 Apr 29 j 02:22	2°♓41'17	1.72715 AU
superior conj	-8433 May 03 j 12:47	8°♓11'31	-0°11'29
minimum elong	-8433 May 03 j 15:02	8°♓18'30	0°11'38
behind sun begin	-8433 May 02 j 23:47	7°♓31'11	
behind sun end	-8433 May 04 j 06:16	9°♓05'50	
asc. node	-8433 May 08 j 11:17	14°♓19'48	
	-8433 May 21 j 01:06	0°♈	
evening rise	-8433 Jun 08 j 14:00	23°♈10'01	
	-8433 Jun 14 j 00:59	0°♉	
	-8433 Jul 07 j 23:47	0°♊	
	-8433 Jul 31 j 23:42	0°♋	
	-8433 Aug 25 j 03:08	0°♌	
desc. node	-8433 Aug 29 j 00:20	4°♌47'54	
	-8433 Sep 18 j 12:39	0°♍	
	-8433 Oct 13 j 07:53	0°♎	
	-8433 Nov 07 j 21:10	0°♏	
	-8433 Dec 05 j 04:10	0°♐	
evening max el	-8433 Dec 13 j 02:08	8°♐00'32	45°29'46
asc. node	-8433 Dec 19 j 04:00	13°♐50'20	
	-8432 Jan 08 j 00:50	0°♑	
greatest brilliancy	-8432 Jan 19 j 21:56	6°♑18'33	-4.7m
retrograde	-8432 Jan 30 j 19:24	8°♑27'38	
evening set	-8432 Feb 17 j 10:14	2°♑34'55	
inferior conj	-8432 Feb 21 j 07:00	0°♑10'06	7°53'15
minimum elong	-8432 Feb 21 j 10:41	0°♑04'16	7°52'30
	-8432 Feb 21 j 13:22	30°℞♐	
min. Earth dist.	-8432 Feb 21 j 20:59	29°♐47'54	0.29570 AU
morning rise	-8432 Feb 25 j 11:01	27°♐33'51	
direct	-8432 Mar 14 j 06:30	21°♐38'22	
greatest brilliancy	-8432 Mar 24 j 13:23	23°♐31'52	-4.7m
	-8432 Apr 06 j 04:15	0°♑	
desc. node	-8432 Apr 09 j 22:54	2°♑34'37	
morning max el	-8432 May 02 j 11:02	21°♑48'15	46°07'04
	-8432 May 10 j 17:22	0°♒	
	-8432 Jun 07 j 10:00	0°♓	
	-8432 Jul 03 j 01:47	0°♈	
	-8432 Jul 27 j 17:09	0°♉	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

asc. node	-8432 Jul 31 j 00:49	4°♉06'13	
	-8432 Aug 20 j 19:26	0°♊	
	-8432 Sep 13 j 16:17	0°♋	
	-8432 Oct 07 j 13:18	0°♌	
	-8432 Oct 31 j 13:49	0°♍	
morning set	-8432 Nov 04 j 11:06	4°♍49'59	
desc. node	-8432 Nov 20 j 12:49	24°♍45'23	
	-8432 Nov 24 j 18:36	0°♎	
superior conj	-8432 Dec 15 j 18:01	25°♎52'11	-0°52'41
minimum elong	-8432 Dec 15 j 08:15	25°♎22'07	0°52'31
max. Earth dist.	-8432 Dec 18 j 07:33	29°♎01'32	1.73145 AU
	-8432 Dec 19 j 02:33	0°♏	
	-8431 Jan 12 j 12:14	0°♐	
evening rise	-8431 Jan 22 j 21:54	12°♐46'14	
	-8431 Feb 05 j 23:06	0°♑	
greatest brilliancy	-8431 Feb 10 j 15:36	5°♑44'24	-3.9m
	-8431 Mar 02 j 11:56	0°♒	
asc. node	-8431 Mar 12 j 11:40	12°♒10'03	
	-8431 Mar 27 j 04:12	0°♓	
	-8431 Apr 21 j 01:29	0°♈	
	-8431 May 16 j 06:05	0°♉	
	-8431 Jun 10 j 23:24	0°♊	
desc. node	-8431 Jul 03 j 03:58	24°♊55'04	
	-8431 Jul 07 j 20:37	0°♋	
evening max el	-8431 Jul 20 j 21:34	13°♋35'48	47°41'42
	-8431 Aug 07 j 09:32	0°♌	
greatest brilliancy	-8431 Aug 31 j 10:36	15°♌22'27	-4.9m
retrograde	-8431 Sep 09 j 20:32	17°♌04'57	
evening set	-8431 Sep 25 j 18:02	12°♌03'11	
min. Earth dist.	-8431 Sep 30 j 04:25	9°♌21'02	0.26789 AU
inferior conj	-8431 Sep 30 j 13:36	9°♌06'39	-5°21'00
minimum elong	-8431 Sep 30 j 23:17	8°♌51'30	5°18'04
morning rise	-8431 Oct 06 j 04:56	5°♌43'26	
direct	-8431 Oct 20 j 19:22	1°♌24'44	
asc. node	-8431 Oct 23 j 09:19	1°♌32'47	
greatest brilliancy	-8431 Oct 30 j 11:34	3°♌12'01	-4.9m
	-8431 Dec 06 j 02:12	0°♍	
morning max el	-8431 Dec 09 j 11:17	3°♍17'20	46°15'37
	-8430 Jan 04 j 01:31	0°♎	
	-8430 Jan 30 j 22:58	0°♏	
desc. node	-8430 Feb 13 j 02:05	15°♏03'11	
	-8430 Feb 25 j 22:58	0°♐	
	-8430 Mar 23 j 08:26	0°♑	
	-8430 Apr 17 j 05:53	0°♒	
	-8430 May 11 j 17:13	0°♓	
morning set	-8430 Jun 04 j 05:43	29°♓13'57	
	-8430 Jun 04 j 20:27	0°♈	
asc. node	-8430 Jun 05 j 00:36	0°♈13'01	
	-8430 Jun 28 j 17:54	0°♉	
max. Earth dist.	-8430 Jul 10 j 04:36	14°♉26'13	1.71004 AU
superior conj	-8430 Jul 11 j 23:43	16°♉42'21	1°11'51
minimum elong	-8430 Jul 11 j 15:02	16°♉14'54	1°12'00
	-8430 Jul 22 j 12:19	0°♊	
	-8430 Aug 15 j 06:38	0°♋	
evening rise	-8430 Aug 21 j 02:45	7°♋21'19	
	-8430 Sep 08 j 03:24	0°♌	
desc. node	-8430 Sep 25 j 12:40	21°♌43'28	
	-8430 Oct 02 j 04:17	0°♍	
	-8430 Oct 26 j 10:13	0°♎	
	-8430 Nov 19 j 22:35	0°♏	
	-8430 Dec 14 j 21:09	0°♐	
	-8429 Jan 09 j 14:39	0°♑	
asc. node	-8429 Jan 15 j 14:34	6°♑47'06	
	-8429 Feb 05 j 23:16	0°♒	
evening max el	-8429 Feb 22 j 01:49	16°♒04'53	44°58'49
	-8429 Mar 10 j 00:17	0°♓	
greatest brilliancy	-8429 Mar 31 j 23:13	13°♓03'49	-4.7m
retrograde	-8429 Apr 11 j 04:45	14°♓54'53	
evening set	-8429 Apr 26 j 02:58	10°♓44'02	
inferior conj	-8429 May 02 j 09:21	7°♓07'43	1°24'09
minimum elong	-8429 May 02 j 12:26	7°♓03'04	1°22'58
min. Earth dist.	-8429 May 03 j 09:09	6°♓31'50	0.28025 AU
desc. node	-8429 May 08 j 09:34	3°♓37'07	
morning rise	-8429 May 08 j 20:49	3°♓21'59	
	-8429 May 16 j 23:40	30°♑℞♒	
direct	-8429 May 23 j 21:46	29°♒03'02	
	-8429 May 31 j 01:00	0°♓	
greatest brilliancy	-8429 Jun 04 j 13:00	1°♓29'07	-4.8m
	-8429 Jul 12 j 01:11	0°♈	
morning max el	-8429 Jul 13 j 03:03	1°♈04'29	46°37'32
	-8429 Aug 08 j 21:53	0°♉	
asc. node	-8429 Aug 28 j 13:22	22°♉57'54	
	-8429 Sep 03 j 10:18	0°♊	
	-8429 Sep 28 j 01:17	0°♋	
	-8429 Oct 22 j 09:18	0°♌	
	-8429 Nov 15 j 17:34	0°♍	
	-8429 Dec 10 j 04:36	0°♎	
desc. node	-8429 Dec 19 j 02:15	10°♎53'11	
	-8428 Jan 03 j 17:44	0°♏	
morning set	-8428 Jan 18 j 07:42	17°♏48'34	
	-8428 Jan 28 j 07:00	0°♐	
	-8428 Feb 21 j 18:47	0°♑	
max. Earth dist.	-8428 Feb 21 j 23:42	0°♑15'04	1.73775 AU
superior conj	-8428 Feb 24 j 04:26	2°♑56'53	-1°17'50
minimum elong	-8428 Feb 24 j 09:03	3°♑11'04	1°18'20
	-8428 Mar 17 j 04:38	0°♒	
evening rise	-8428 Mar 30 j 16:22	16°♒36'53	
asc. node	-8428 Apr 09 j 00:18	28°♒06'52	
	-8428 Apr 10 j 13:01	0°♓	
	-8428 May 04 j 20:43	0°♈	
	-8428 May 29 j 04:45	0°♉	
	-8428 Jun 22 j 14:43	0°♊	
	-8428 Jul 17 j 05:26	0°♋	
desc. node	-8428 Jul 30 j 14:55	16°♋08'57	
	-8428 Aug 11 j 05:52	0°♌	
	-8428 Sep 06 j 02:22	0°♍	
evening max el	-8428 Sep 30 j 03:44	26°♍02'56	47°10'41
	-8428 Oct 04 j 01:53	0°♎	
greatest brilliancy	-8428 Nov 09 j 01:21	27°♎30'16	-4.8m
asc. node	-8428 Nov 19 j 19:50	29°♎49'48	
retrograde	-8428 Nov 20 j 01:57	29°♎49'53	
evening set	-8428 Dec 05 j 09:04	25°♎02'53	
min. Earth dist.	-8428 Dec 10 j 08:08	21°♎58'41	0.28524 AU
inferior conj	-8428 Dec 11 j 04:53	21°♎25'18	4°44'44
minimum elong	-8428 Dec 10 j 20:41	21°♎38'30	4°42'39
morning rise	-8428 Dec 16 j 09:06	18°♎12'01	
direct	-8427 Jan 01 j 08:04	13°♎10'13	
greatest brilliancy	-8427 Jan 10 j 03:38	14°♎37'00	-4.7m
	-8427 Feb 04 j 12:29	0°♏	
morning max el	-8427 Feb 19 j 02:15	12°♏56'21	45°55'02
	-8427 Mar 08 j 04:46	0°♐	
desc. node	-8427 Mar 12 j 14:01	4°♐35'58	
	-8427 Apr 04 j 19:12	0°♑	
	-8427 Apr 30 j 19:34	0°♒	
	-8427 May 25 j 21:25	0°♓	
	-8427 Jun 19 j 08:00	0°♈	
asc. node	-8427 Jul 02 j 13:59	16°♈29'58	
	-8427 Jul 13 j 08:19	0°♉	
greatest brilliancy	-8427 Jul 19 j 16:26	7°♉58'39	-3.9m
	-8427 Aug 06 j 02:50	0°♊	
morning set	-8427 Aug 16 j 05:48	12°♊48'54	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8427 Aug 29 j 19:45	0°♋	
	-8427 Sep 22 j 14:31	0°♌	
superior conj	-8427 Sep 26 j 19:45	5°♌18'02	0°55'04
minimum elong	-8427 Sep 27 j 07:33	5°♌55'07	0°55'08
max. Earth dist.	-8427 Oct 03 j 09:36	13°♌33'12	1.71286 AU
	-8427 Oct 16 j 13:12	0°♍	
desc. node	-8427 Oct 23 j 01:35	8°♍07'18	
evening rise	-8427 Nov 08 j 21:01	29°♍00'21	
	-8427 Nov 09 j 16:17	0°♎	
	-8427 Dec 03 j 23:20	0°♏	
	-8427 Dec 28 j 10:26	0°♐	
	-8426 Jan 22 j 03:19	0°♑	
asc. node	-8426 Feb 12 j 01:57	25°♑04'25	
	-8426 Feb 16 j 05:47	0°♒	
	-8426 Mar 13 j 23:46	0°♓	
	-8426 Apr 09 j 20:12	0°♈	
evening max el	-8426 May 05 j 19:25	26°♈46'52	46°09'41
	-8426 May 09 j 04:31	0°♉	
desc. node	-8426 Jun 04 j 19:52	21°♉12'04	
greatest brilliancy	-8426 Jun 14 j 21:34	25°♉57'30	-4.8m
retrograde	-8426 Jun 24 j 12:01	27°♉37'56	
evening set	-8426 Jul 11 j 01:28	22°♉28'31	
inferior conj	-8426 Jul 15 j 06:04	20°♉00'38	-8°02'21
minimum elong	-8426 Jul 14 j 21:40	20°♉13'14	8°00'51
min. Earth dist.	-8426 Jul 15 j 01:11	20°♉07'57	0.26706 AU
morning rise	-8426 Jul 18 j 17:48	17°♉56'58	
direct	-8426 Aug 04 j 19:19	12°♉26'45	
greatest brilliancy	-8426 Aug 15 j 07:09	14°♉31'30	-4.9m
	-8426 Sep 07 j 18:45	0°♊	
morning max el	-8426 Sep 24 j 12:06	15°♊56'49	46°43'56
asc. node	-8426 Sep 25 j 00:46	16°♊29'17	
	-8426 Oct 07 j 17:40	0°♋	
	-8426 Nov 03 j 03:43	0°♌	
	-8426 Nov 28 j 15:08	0°♍	
	-8426 Dec 23 j 19:52	0°♎	
desc. node	-8425 Jan 15 j 15:32	27°♎17'13	
	-8425 Jan 17 j 21:50	0°♏	
	-8425 Feb 11 j 20:25	0°♐	
	-8425 Mar 08 j 14:07	0°♑	
morning set	-8425 Mar 26 j 23:51	22°♑30'23	
	-8425 Apr 02 j 02:17	0°♒	
	-8425 Apr 26 j 09:17	0°♓	
max. Earth dist.	-8425 Apr 26 j 20:50	0°♓35'50	1.72771 AU
superior conj	-8425 May 01 j 07:53	6°♓07'52	-0°14'27
minimum elong	-8425 May 01 j 10:41	6°♓16'33	0°14'35
behind sun begin	-8425 May 01 j 01:53	5°♓49'14	
behind sun end	-8425 May 01 j 19:30	6°♓43'53	
asc. node	-8425 May 07 j 13:23	13°♓52'14	
	-8425 May 20 j 12:08	0°♈	
evening rise	-8425 Jun 06 j 07:27	20°♈59'33	
	-8425 Jun 13 j 12:12	0°♉	
	-8425 Jul 07 j 11:15	0°♊	
	-8425 Jul 31 j 11:28	0°♋	
	-8425 Aug 24 j 15:18	0°♌	
desc. node	-8425 Aug 28 j 02:31	4°♌16'56	
	-8425 Sep 18 j 01:19	0°♍	
	-8425 Oct 12 j 21:23	0°♎	
	-8425 Nov 07 j 12:18	0°♏	
	-8425 Dec 04 j 23:45	0°♐	
evening max el	-8425 Dec 10 j 16:40	5°♐44'27	45°32'34
asc. node	-8425 Dec 18 j 06:13	12°♐57'55	
	-8424 Jan 09 j 02:50	0°♑	
greatest brilliancy	-8424 Jan 17 j 15:07	4°♑12'00	-4.7m
retrograde	-8424 Jan 28 j 12:18	6°♑21'32	
evening set	-8424 Feb 15 j 04:14	0°♑27'07	
	-8424 Feb 15 j 22:02	30°℞♐	
inferior conj	-8424 Feb 19 j 00:20	28°♐03'13	7°56'54
minimum elong	-8424 Feb 19 j 03:23	27°♐58'22	7°56'13
min. Earth dist.	-8424 Feb 19 j 13:22	27°♐42'29	0.29583 AU
morning rise	-8424 Feb 23 j 02:26	25°♐29'36	
direct	-8424 Mar 11 j 23:04	19°♐31'10	
greatest brilliancy	-8424 Mar 22 j 05:20	21°♐23'42	-4.7m
	-8424 Apr 07 j 00:38	0°♑	
desc. node	-8424 Apr 09 j 01:01	1°♑27'02	
morning max el	-8424 Apr 30 j 02:28	19°♑35'52	46°06'19
	-8424 May 10 j 12:46	0°♒	
	-8424 Jun 07 j 00:59	0°♓	
	-8424 Jul 02 j 15:03	0°♈	
	-8424 Jul 27 j 05:36	0°♉	
asc. node	-8424 Jul 30 j 03:09	3°♉35'09	
	-8424 Aug 20 j 07:26	0°♊	
	-8424 Sep 13 j 04:03	0°♋	
	-8424 Oct 07 j 00:56	0°♌	
	-8424 Oct 31 j 01:20	0°♍	
morning set	-8424 Nov 01 j 21:20	2°♍16'51	
desc. node	-8424 Nov 19 j 14:53	24°♍16'29	
	-8424 Nov 24 j 05:58	0°♎	
superior conj	-8424 Dec 13 j 07:15	23°♎30'30	-0°49'59
minimum elong	-8424 Dec 12 j 21:36	23°♎00'47	0°49'46
max. Earth dist.	-8424 Dec 16 j 00:33	26°♎51'30	1.73092 AU
	-8424 Dec 18 j 13:48	0°♏	
	-8423 Jan 11 j 23:24	0°♐	
evening rise	-8423 Jan 20 j 14:52	10°♐36'41	
	-8423 Feb 05 j 10:21	0°♑	
greatest brilliancy	-8423 Feb 10 j 14:25	6°♑19'45	-3.9m
	-8423 Mar 01 j 23:25	0°♒	
asc. node	-8423 Mar 11 j 13:50	11°♒41'22	
	-8423 Mar 26 j 16:07	0°♓	
	-8423 Apr 20 j 14:06	0°♈	
	-8423 May 15 j 19:49	0°♉	
	-8423 Jun 10 j 15:04	0°♊	
desc. node	-8423 Jul 02 j 06:18	24°♊10'19	
	-8423 Jul 07 j 16:29	0°♋	
evening max el	-8423 Jul 18 j 10:17	11°♋07'49	47°40'15
	-8423 Aug 07 j 21:51	0°♌	
greatest brilliancy	-8423 Aug 29 j 01:15	12°♌55'07	-4.9m
retrograde	-8423 Sep 07 j 09:37	14°♌36'37	
evening set	-8423 Sep 23 j 10:16	9°♌30'42	
inferior conj	-8423 Sep 28 j 02:52	6°♌39'06	-5°39'35
minimum elong	-8423 Sep 28 j 12:49	6°♌23'35	5°36'39
min. Earth dist.	-8423 Sep 27 j 18:23	6°♌52'20	0.26766 AU
morning rise	-8423 Oct 03 j 15:39	3°♌19'48	
	-8423 Oct 11 j 06:48	30°℞♋	
direct	-8423 Oct 18 j 07:54	28°♋57'36	
asc. node	-8423 Oct 22 j 11:31	29°♋18'16	
	-8423 Oct 25 j 15:08	0°♌	
greatest brilliancy	-8423 Oct 28 j 01:54	0°♌46'36	-4.9m
	-8423 Dec 06 j 02:41	0°♍	
morning max el	-8423 Dec 07 j 01:29	0°♍56'01	46°16'43
	-8422 Jan 03 j 18:29	0°♎	
	-8422 Jan 30 j 13:09	0°♏	
desc. node	-8422 Feb 12 j 04:18	14°♏30'48	
	-8422 Feb 25 j 11:46	0°♐	
	-8422 Mar 22 j 20:26	0°♑	
	-8422 Apr 16 j 17:26	0°♒	
	-8422 May 11 j 04:33	0°♓	
morning set	-8422 Jun 01 j 22:37	27°♓01'41	
asc. node	-8422 Jun 04 j 02:44	29°♓44'28	
	-8422 Jun 04 j 07:42	0°♈	
	-8422 Jun 28 j 05:09	0°♉	
max. Earth dist.	-8422 Jul 07 j 15:33	11°♉53'38	1.71042 AU

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

superior conj	-8422 Jul 09 j 13:45	14°♉19'25	1°10'00
minimum elong	-8422 Jul 09 j 04:46	13°♉51'05	1°10'06
	-8422 Jul 21 j 23:38	0°♊	
	-8422 Aug 14 j 18:02	0°♋	
evening rise	-8422 Aug 18 j 12:21	4°♋44'28	
	-8422 Sep 07 j 14:56	0°♌	
desc. node	-8422 Sep 24 j 14:45	21°♌13'46	
	-8422 Oct 01 j 15:58	0°♍	
	-8422 Oct 25 j 22:06	0°♎	
	-8422 Nov 19 j 10:51	0°♏	
	-8422 Dec 14 j 10:09	0°♐	
	-8421 Jan 09 j 05:14	0°♑	
asc. node	-8421 Jan 14 j 16:55	6°♑11'18	
	-8421 Feb 05 j 17:48	0°♒	
evening max el	-8421 Feb 19 j 17:26	13°♒53'12	44°58'12
	-8421 Mar 10 j 12:45	0°♓	
greatest brilliancy	-8421 Mar 29 j 12:32	10°♓48'34	-4.7m
retrograde	-8421 Apr 08 j 19:25	12°♓40'21	
evening set	-8421 Apr 23 j 18:58	8°♓27'07	
inferior conj	-8421 Apr 29 j 23:52	4°♓52'08	1°44'25
minimum elong	-8421 Apr 30 j 03:39	4°♓46'24	1°43'02
min. Earth dist.	-8421 May 01 j 00:00	4°♓15'40	0.28093 AU
morning rise	-8421 May 06 j 11:22	1°♓06'12	
desc. node	-8421 May 07 j 11:43	0°♓34'29	
	-8421 May 08 j 15:39	30°℞♒	
direct	-8421 May 21 j 13:41	26°♒46'13	
greatest brilliancy	-8421 Jun 02 j 03:45	29°♒11'32	-4.8m
	-8421 Jun 04 j 01:28	0°♓	
morning max el	-8421 Jul 10 j 18:43	28°♓46'33	46°36'40
	-8421 Jul 11 j 23:58	0°♈	
	-8421 Aug 08 j 14:19	0°♉	
asc. node	-8421 Aug 27 j 15:28	22°♉20'37	
	-8421 Sep 03 j 00:27	0°♊	
	-8421 Sep 27 j 14:19	0°♋	
	-8421 Oct 21 j 21:41	0°♌	
	-8421 Nov 15 j 05:30	0°♍	
	-8421 Dec 09 j 16:12	0°♎	
desc. node	-8421 Dec 18 j 04:28	10°♎24'45	
	-8420 Jan 03 j 05:05	0°♏	
morning set	-8420 Jan 15 j 23:29	15°♏35'46	
	-8420 Jan 27 j 18:11	0°♐	
max. Earth dist.	-8420 Feb 19 j 22:44	28°♐24'26	1.73782 AU
	-8420 Feb 21 j 05:53	0°♑	
superior conj	-8420 Feb 21 j 23:05	0°♑52'49	-1°18'41
minimum elong	-8420 Feb 22 j 03:13	1°♑05'30	1°19'11
	-8420 Mar 16 j 15:44	0°♒	
evening rise	-8420 Mar 28 j 11:50	14°♒34'39	
asc. node	-8420 Apr 08 j 02:22	27°♒38'41	
	-8420 Apr 10 j 00:14	0°♓	
	-8420 May 04 j 08:13	0°♈	
	-8420 May 28 j 16:41	0°♉	
	-8420 Jun 22 j 03:14	0°♊	
	-8420 Jul 16 j 18:43	0°♋	
desc. node	-8420 Jul 29 j 17:07	15°♋34'06	
	-8420 Aug 10 j 20:21	0°♌	
	-8420 Sep 05 j 19:13	0°♍	
evening max el	-8420 Sep 27 j 20:36	23°♍47'46	47°13'46
	-8420 Oct 04 j 01:38	0°♎	
greatest brilliancy	-8420 Nov 06 j 18:53	25°♎16'43	-4.9m
retrograde	-8420 Nov 17 j 19:11	27°♎35'37	
asc. node	-8420 Nov 18 j 22:03	27°♎34'03	
evening set	-8420 Dec 03 j 00:04	22°♎51'32	
min. Earth dist.	-8420 Dec 07 j 23:56	19°♎45'58	0.28452 AU
inferior conj	-8420 Dec 08 j 21:20	19°♎11'33	4°28'50
minimum elong	-8420 Dec 08 j 13:24	19°♎24'19	4°26'46
morning rise	-8420 Dec 14 j 03:38	15°♎55'19	
direct	-8420 Dec 30 j 00:12	10°♎57'52	
greatest brilliancy	-8419 Jan 07 j 18:28	12°♎23'53	-4.7m
	-8419 Feb 04 j 19:14	0°♏	
morning max el	-8419 Feb 16 j 18:07	10°♏46'07	45°55'02
	-8419 Mar 07 j 22:34	0°♐	
desc. node	-8419 Mar 11 j 16:06	3°♐56'16	
	-8419 Apr 04 j 09:33	0°♑	
	-8419 Apr 30 j 08:25	0°♒	
	-8419 May 25 j 09:29	0°♓	
	-8419 Jun 18 j 19:40	0°♈	
asc. node	-8419 Jul 01 j 16:14	16°♈00'54	
	-8419 Jul 12 j 19:48	0°♉	
greatest brilliancy	-8419 Jul 19 j 21:48	8°♉55'08	-3.9m
	-8419 Aug 05 j 14:15	0°♊	
morning set	-8419 Aug 13 j 16:35	10°♊15'03	
	-8419 Aug 29 j 07:08	0°♋	
	-8419 Sep 22 j 01:52	0°♌	
superior conj	-8419 Sep 24 j 04:09	2°♌38'00	0°58'01
minimum elong	-8419 Sep 24 j 16:04	3°♌15'24	0°58'07
max. Earth dist.	-8419 Sep 30 j 18:36	10°♌55'19	1.71225 AU
	-8419 Oct 16 j 00:32	0°♍	
desc. node	-8419 Oct 22 j 03:40	7°♍38'32	
evening rise	-8419 Nov 06 j 07:09	26°♍27'56	
	-8419 Nov 09 j 03:35	0°♎	
	-8419 Dec 03 j 10:39	0°♏	
	-8419 Dec 27 j 21:54	0°♐	
	-8418 Jan 21 j 15:10	0°♑	
asc. node	-8418 Feb 11 j 04:04	24°♑33'46	
	-8418 Feb 15 j 18:25	0°♒	
	-8418 Mar 13 j 13:55	0°♓	
	-8418 Apr 09 j 13:33	0°♈	
evening max el	-8418 May 03 j 08:05	24°♈23'04	46°06'00
	-8418 May 09 j 07:12	0°♉	
desc. node	-8418 Jun 03 j 22:12	19°♉39'36	
greatest brilliancy	-8418 Jun 12 j 09:10	23°♉29'13	-4.8m
retrograde	-8418 Jun 21 j 23:05	25°♉09'11	
evening set	-8418 Jul 08 j 09:03	20°♉06'22	
inferior conj	-8418 Jul 12 j 18:01	17°♉32'29	-7°51'12
minimum elong	-8418 Jul 12 j 09:02	17°♉45'56	7°49'31
min. Earth dist.	-8418 Jul 12 j 13:59	17°♉38'31	0.26724 AU
morning rise	-8418 Jul 16 j 08:55	15°♉24'08	
direct	-8418 Aug 02 j 07:22	9°♉58'07	
greatest brilliancy	-8418 Aug 12 j 21:07	12°♉03'53	-4.9m
	-8418 Sep 08 j 03:06	0°♊	
morning max el	-8418 Sep 21 j 23:31	13°♊23'53	46°44'26
asc. node	-8418 Sep 24 j 02:58	15°♊36'31	
	-8418 Oct 07 j 12:36	0°♋	
	-8418 Nov 02 j 18:57	0°♌	
	-8418 Nov 28 j 04:38	0°♍	
	-8418 Dec 23 j 08:21	0°♎	
desc. node	-8417 Jan 14 j 17:42	26°♎48'12	
	-8417 Jan 17 j 09:39	0°♏	
	-8417 Feb 11 j 07:45	0°♐	
	-8417 Mar 08 j 01:10	0°♑	
morning set	-8417 Mar 24 j 19:16	20°♑29'04	
	-8417 Apr 01 j 13:13	0°♒	
max. Earth dist.	-8417 Apr 24 j 16:10	28°♒33'02	1.72832 AU
	-8417 Apr 25 j 20:14	0°♓	
superior conj	-8417 Apr 29 j 02:51	4°♓03'46	-0°17'24
minimum elong	-8417 Apr 29 j 06:11	4°♓14'08	0°17'33
asc. node	-8417 May 06 j 15:34	13°♓24'51	
	-8417 May 19 j 23:11	0°♈	
evening rise	-8417 Jun 04 j 00:44	18°♈48'43	
	-8417 Jun 12 j 23:25	0°♉	
	-8417 Jul 06 j 22:41	0°♊	

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8417 Jul 30 j 23:11	0°♋		
	-8417 Aug 24 j 03:23	0°♌		
desc. node	-8417 Aug 27 j 04:34	3°♌45'51		
	-8417 Sep 17 j 13:55	0°♍		
	-8417 Oct 12 j 10:50	0°♎		
	-8417 Nov 07 j 03:27	0°♏		
	-8417 Dec 04 j 19:41	0°♐		
evening max el	-8417 Dec 08 j 07:20	3°♐29'13	45°35'33	
asc. node	-8417 Dec 17 j 08:37	12°♐05'32		
	-8416 Jan 10 j 15:21	0°♑		
greatest brilliancy	-8416 Jan 15 j 07:53	2°♑05'45	-4.7m	
retrograde	-8416 Jan 26 j 05:44	4°♑16'34		
	-8416 Feb 10 j 01:07	30°℞♐		
evening set	-8416 Feb 12 j 22:07	28°♐20'35		
inferior conj	-8416 Feb 16 j 17:49	25°♐57'20	7°59'52	
minimum elong	-8416 Feb 16 j 20:13	25°♐53'30	7°59'14	
min. Earth dist.	-8416 Feb 17 j 05:43	25°♐38'24	0.29596 AU	
morning rise	-8416 Feb 20 j 18:13	23°♐26'13		
direct	-8416 Mar 09 j 15:38	17°♐24'57		
greatest brilliancy	-8416 Mar 19 j 21:23	19°♐16'48	-4.7m	
	-8416 Apr 07 j 15:27	0°♑		
desc. node	-8416 Apr 08 j 03:14	0°♑22'09		
morning max el	-8416 Apr 27 j 18:46	17°♑26'23	46°05'24	
	-8416 May 10 j 07:27	0°♒		
	-8416 Jun 06 j 15:41	0°♓		
	-8416 Jul 02 j 04:10	0°♈		
	-8416 Jul 26 j 17:54	0°♉		
asc. node	-8416 Jul 29 j 05:13	3°♉03'37		
	-8416 Aug 19 j 19:18	0°♊		
	-8416 Sep 12 j 15:38	0°♋		
	-8416 Oct 06 j 12:20	0°♌		
morning set	-8416 Oct 30 j 07:29	29°♌44'08		
	-8416 Oct 30 j 12:35	0°♍		
desc. node	-8416 Nov 18 j 17:03	23°♍48'46		
	-8416 Nov 23 j 17:05	0°♎		
superior conj	-8416 Dec 10 j 20:26	21°♎09'20	-0°47'11	
minimum elong	-8416 Dec 10 j 10:57	20°♎40'07	0°46'57	
max. Earth dist.	-8416 Dec 13 j 16:00	24°♎37'25	1.73039 AU	
	-8416 Dec 18 j 00:47	0°♏		
	-8415 Jan 11 j 10:20	0°♐		
evening rise	-8415 Jan 18 j 07:57	8°♐28'16		
	-8415 Feb 04 j 21:19	0°♑		
greatest brilliancy	-8415 Feb 10 j 21:57	7°♑22'34	-3.9m	
	-8415 Mar 01 j 10:36	0°♒		
asc. node	-8415 Mar 10 j 15:59	11°♒13'31		
	-8415 Mar 26 j 03:45	0°♓		
	-8415 Apr 20 j 02:30	0°♈		
	-8415 May 15 j 09:26	0°♉		
	-8415 Jun 10 j 06:48	0°♊		
desc. node	-8415 Jul 01 j 08:29	23°♊24'48		
	-8415 Jul 07 j 12:51	0°♋		
evening max el	-8415 Jul 15 j 23:51	8°♋42'19	47°38'39	
	-8415 Aug 08 j 14:07	0°♌		
greatest brilliancy	-8415 Aug 26 j 15:10	10°♌26'55	-4.9m	
retrograde	-8415 Sep 04 j 23:06	12°♌08'04		
evening set	-8415 Sep 21 j 02:23	6°♌57'50		
inferior conj	-8415 Sep 25 j 15:51	4°♌11'18	-5°57'46	
minimum elong	-8415 Sep 26 j 02:01	3°♌55'30	5°54'51	
min. Earth dist.	-8415 Sep 25 j 07:44	4°♌23'54	0.26739 AU	
morning rise	-8415 Oct 01 j 01:55	0°♌56'27		
	-8415 Oct 02 j 20:10	30°℞♋		
direct	-8415 Oct 15 j 20:35	26°♋30'25		
asc. node	-8415 Oct 21 j 13:46	27°♋09'20		
greatest brilliancy	-8415 Oct 25 j 15:24	28°♋20'34	-4.9m	
	-8415 Oct 29 j 14:30	0°♌		
morning max el	-8415 Dec 04 j 16:22	28°♌37'15	46°17'53	
	-8415 Dec 06 j 01:44	0°♍		
	-8414 Jan 03 j 10:45	0°♎		
	-8414 Jan 30 j 02:50	0°♏		
desc. node	-8414 Feb 11 j 06:17	13°♏58'57		
	-8414 Feb 25 j 00:07	0°♐		
	-8414 Mar 22 j 08:02	0°♑		
	-8414 Apr 16 j 04:37	0°♒		
	-8414 May 10 j 15:31	0°♓		
morning set	-8414 May 30 j 15:53	24°♓51'45		
asc. node	-8414 Jun 03 j 05:00	29°♓17'29		
	-8414 Jun 03 j 18:36	0°♈		
	-8414 Jun 27 j 16:07	0°♉		
max. Earth dist.	-8414 Jul 05 j 00:33	9°♉15'57	1.71090 AU	
superior conj	-8414 Jul 07 j 03:55	11°♉57'56	1°08'02	
minimum elong	-8414 Jul 06 j 18:44	11°♉28'58	1°08'05	
	-8414 Jul 21 j 10:42	0°♊		
	-8414 Aug 14 j 05:15	0°♋		
evening rise	-8414 Aug 15 j 21:46	2°♋07'38		
	-8414 Sep 07 j 02:16	0°♌		
desc. node	-8414 Sep 23 j 16:53	20°♌44'53		
	-8414 Oct 01 j 03:25	0°♍		
	-8414 Oct 25 j 09:44	0°♎		
	-8414 Nov 18 j 22:49	0°♏		
	-8414 Dec 13 j 22:52	0°♐		
	-8413 Jan 08 j 19:34	0°♑		
asc. node	-8413 Jan 13 j 19:03	5°♑35'46		
	-8413 Feb 05 j 12:20	0°♒		
evening max el	-8413 Feb 17 j 09:40	11°♒44'18	44°57'41	
	-8413 Mar 11 j 04:26	0°♓		
greatest brilliancy	-8413 Mar 27 j 02:45	8°♓36'23	-4.7m	
retrograde	-8413 Apr 06 j 10:04	10°♓28'09		
evening set	-8413 Apr 21 j 11:28	6°♓12'40		
inferior conj	-8413 Apr 27 j 14:45	2°♓39'06	2°04'12	
minimum elong	-8413 Apr 27 j 19:12	2°♓32'21	2°02'39	
min. Earth dist.	-8413 Apr 28 j 15:17	2°♓01'55	0.28158 AU	
	-8413 May 02 j 01:37	30°℞♒		
morning rise	-8413 May 04 j 02:02	28°♒52'58		
desc. node	-8413 May 06 j 13:57	27°♒37'42		
direct	-8413 May 19 j 05:49	24°♒32'07		
greatest brilliancy	-8413 May 30 j 18:26	26°♒55'58	-4.8m	
	-8413 Jun 06 j 03:22	0°♓		
morning max el	-8413 Jul 08 j 09:50	26°♓28'50	46°35'36	
	-8413 Jul 11 j 21:20	0°♈		
	-8413 Aug 08 j 06:06	0°♉		
asc. node	-8413 Aug 26 j 17:38	21°♉44'44		
	-8413 Sep 02 j 14:13	0°♊		
	-8413 Sep 27 j 03:04	0°♋		
	-8413 Oct 21 j 09:49	0°♌		
	-8413 Nov 14 j 17:10	0°♍		
	-8413 Dec 09 j 03:30	0°♎		
desc. node	-8413 Dec 17 j 06:34	9°♎56'54		
	-8412 Jan 02 j 16:07	0°♏		
morning set	-8412 Jan 13 j 15:07	13°♏23'29		
	-8412 Jan 27 j 05:02	0°♐		
max. Earth dist.	-8412 Feb 17 j 21:33	26°♐34'13	1.73785 AU	
superior conj	-8412 Feb 19 j 17:50	28°♐50'03	-1°19'25	
minimum elong	-8412 Feb 19 j 21:26	29°♐01'06	1°19'55	
	-8412 Feb 20 j 16:38	0°♑		
	-8412 Mar 16 j 02:30	0°♒		
evening rise	-8412 Mar 26 j 07:34	12°♒34'14		
asc. node	-8412 Apr 07 j 04:38	27°♒12'06		
	-8412 Apr 09 j 11:08	0°♓		
	-8412 May 03 j 19:24	0°♈		
	-8412 May 28 j 04:17	0°♉		
	-8412 Jun 21 j 15:24	0°♊		

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8412 Jul 16 j 07:42	0°♋	
desc. node	-8412 Jul 28 j 19:11	14°♋59'42	
	-8412 Aug 10 j 10:39	0°♌	
	-8412 Sep 05 j 12:08	0°♍	
evening max el	-8412 Sep 25 j 13:00	21°♍31'40	47°16'31
	-8412 Oct 04 j 02:21	0°♎	
greatest brilliancy	-8412 Nov 04 j 13:00	23°♎03'40	-4.9m
retrograde	-8412 Nov 15 j 11:51	25°♎20'54	
asc. node	-8412 Nov 18 j 00:24	25°♎12'55	
evening set	-8412 Nov 30 j 15:02	20°♎39'48	
min. Earth dist.	-8412 Dec 05 j 16:04	17°♎32'26	0.28377 AU
inferior conj	-8412 Dec 06 j 13:38	16°♎57'39	4°12'15
minimum elong	-8412 Dec 06 j 06:01	17°♎09'55	4°10'14
morning rise	-8412 Dec 11 j 21:57	13°♎38'25	
direct	-8412 Dec 27 j 15:49	8°♎45'27	
greatest brilliancy	-8411 Jan 05 j 09:40	10°♎11'05	-4.8m
	-8411 Feb 04 j 23:43	0°♏	
morning max el	-8411 Feb 14 j 09:02	8°♏34'07	45°55'14
	-8411 Mar 07 j 15:41	0°♐	
desc. node	-8411 Mar 10 j 18:21	3°♐18'12	
	-8411 Apr 03 j 23:27	0°♑	
	-8411 Apr 29 j 20:52	0°♒	
	-8411 May 24 j 21:14	0°♓	
	-8411 Jun 18 j 07:02	0°♈	
asc. node	-8411 Jun 30 j 18:19	15°♈32'10	
	-8411 Jul 12 j 07:00	0°♉	
greatest brilliancy	-8411 Jul 20 j 00:16	9°♉43'23	-3.9m
	-8411 Aug 05 j 01:22	0°♊	
morning set	-8411 Aug 11 j 03:58	7°♊44'00	
	-8411 Aug 28 j 18:14	0°♋	
superior conj	-8411 Sep 21 j 12:54	29°♋59'46	1°00'49
minimum elong	-8411 Sep 22 j 00:47	0°♌37'05	1°00'56
	-8411 Sep 21 j 12:59	0°♌	
max. Earth dist.	-8411 Sep 28 j 00:57	8°♌09'49	1.71172 AU
	-8411 Oct 15 j 11:40	0°♍	
desc. node	-8411 Oct 21 j 05:53	7°♍10'49	
evening rise	-8411 Nov 03 j 16:54	23°♍54'42	
	-8411 Nov 08 j 14:44	0°♎	
	-8411 Dec 02 j 21:52	0°♏	
	-8411 Dec 27 j 09:15	0°♐	
	-8410 Jan 21 j 02:53	0°♑	
asc. node	-8410 Feb 10 j 06:16	24°♑03'44	
	-8410 Feb 15 j 06:56	0°♒	
	-8410 Mar 13 j 04:01	0°♓	
	-8410 Apr 09 j 07:03	0°♈	
evening max el	-8410 Apr 30 j 20:23	21°♈59'17	46°02'25
	-8410 May 09 j 11:09	0°♉	
desc. node	-8410 Jun 03 j 00:25	18°♉04'29	
greatest brilliancy	-8410 Jun 09 j 20:52	21°♉02'10	-4.8m
retrograde	-8410 Jun 19 j 10:24	22°♉42'06	
evening set	-8410 Jul 05 j 16:49	17°♉45'22	
inferior conj	-8410 Jul 10 j 06:09	15°♉05'47	-7°39'06
minimum elong	-8410 Jul 09 j 20:42	15°♉19'56	7°37'15
min. Earth dist.	-8410 Jul 10 j 03:06	15°♉10'21	0.26744 AU
morning rise	-8410 Jul 14 j 00:23	12°♉52'43	
direct	-8410 Jul 30 j 19:28	7°♉30'39	
greatest brilliancy	-8410 Aug 10 j 11:38	9°♉38'10	-4.9m
	-8410 Sep 08 j 08:45	0°♊	
morning max el	-8410 Sep 19 j 11:35	10°♊53'23	46°45'01
asc. node	-8410 Sep 23 j 05:14	14°♊45'42	
	-8410 Oct 07 j 06:47	0°♋	
	-8410 Nov 02 j 09:46	0°♌	
	-8410 Nov 27 j 17:53	0°♍	
	-8410 Dec 22 j 20:42	0°♎	
desc. node	-8409 Jan 13 j 19:42	26°♎18'51	
	-8409 Jan 16 j 21:22	0°♏	
	-8409 Feb 10 j 19:02	0°♐	
	-8409 Mar 07 j 12:09	0°♑	
morning set	-8409 Mar 22 j 14:31	18°♑27'35	
	-8409 Apr 01 j 00:03	0°♒	
max. Earth dist.	-8409 Apr 22 j 13:33	26°♒37'00	1.72890 AU
	-8409 Apr 25 j 07:04	0°♓	
superior conj	-8409 Apr 26 j 21:51	2°♓00'12	-0°20'20
minimum elong	-8409 Apr 27 j 01:42	2°♓12'09	0°20'28
asc. node	-8409 May 05 j 17:46	12°♓57'57	
	-8409 May 19 j 10:09	0°♈	
evening rise	-8409 Jun 01 j 18:22	16°♈39'18	
	-8409 Jun 12 j 10:34	0°♉	
	-8409 Jul 06 j 10:05	0°♊	
	-8409 Jul 30 j 10:52	0°♋	
	-8409 Aug 23 j 15:25	0°♌	
desc. node	-8409 Aug 26 j 06:49	3°♌15'32	
	-8409 Sep 17 j 02:28	0°♍	
	-8409 Oct 12 j 00:15	0°♎	
	-8409 Nov 06 j 18:43	0°♏	
	-8409 Dec 04 j 16:14	0°♐	
evening max el	-8409 Dec 05 j 22:45	1°♐15'50	45°38'28
asc. node	-8409 Dec 16 j 10:43	11°♐11'20	
greatest brilliancy	-8408 Jan 13 j 00:05	29°♐58'28	-4.7m
	-8408 Jan 13 j 01:42	0°♑	
retrograde	-8408 Jan 23 j 23:29	2°♑11'08	
	-8408 Feb 03 j 09:47	30°℞♐	
evening set	-8408 Feb 10 j 15:44	26°♐13'47	
inferior conj	-8408 Feb 14 j 11:13	23°♐50'54	8°02'10
minimum elong	-8408 Feb 14 j 13:00	23°♐48'04	8°01'34
min. Earth dist.	-8408 Feb 14 j 21:45	23°♐34'09	0.29606 AU
morning rise	-8408 Feb 18 j 10:10	21°♐22'04	
direct	-8408 Mar 07 j 08:34	15°♐18'14	
greatest brilliancy	-8408 Mar 17 j 13:05	17°♐09'16	-4.7m
desc. node	-8408 Apr 07 j 05:28	29°♐18'36	
	-8408 Apr 08 j 02:40	0°♑	
morning max el	-8408 Apr 25 j 11:52	15°♑18'51	46°04'35
	-8408 May 10 j 01:44	0°♒	
	-8408 Jun 06 j 06:14	0°♓	
	-8408 Jul 01 j 17:11	0°♈	
	-8408 Jul 26 j 06:10	0°♉	
asc. node	-8408 Jul 28 j 07:21	2°♉32'19	
	-8408 Aug 19 j 07:09	0°♊	
	-8408 Sep 12 j 03:14	0°♋	
	-8408 Oct 05 j 23:46	0°♌	
morning set	-8408 Oct 27 j 17:53	27°♌11'51	
	-8408 Oct 29 j 23:52	0°♍	
desc. node	-8408 Nov 17 j 19:09	23°♍20'43	
	-8408 Nov 23 j 04:14	0°♎	
superior conj	-8408 Dec 08 j 09:35	18°♎47'52	-0°44'17
minimum elong	-8408 Dec 08 j 00:21	18°♎19'25	0°44'02
max. Earth dist.	-8408 Dec 11 j 08:25	22°♎26'09	1.72988 AU
	-8408 Dec 17 j 11:49	0°♏	
	-8407 Jan 10 j 21:21	0°♐	
evening rise	-8407 Jan 16 j 01:02	6°♐19'38	
	-8407 Feb 04 j 08:25	0°♑	
greatest brilliancy	-8407 Feb 12 j 03:46	9°♑32'59	-3.9m
	-8407 Feb 28 j 21:58	0°♒	
asc. node	-8407 Mar 09 j 18:15	10°♒45'31	
	-8407 Mar 25 j 15:35	0°♓	
	-8407 Apr 19 j 15:05	0°♈	
	-8407 May 14 j 23:16	0°♉	
	-8407 Jun 09 j 22:52	0°♊	
desc. node	-8407 Jun 30 j 10:34	22°♊38'03	
	-8407 Jul 07 j 09:59	0°♋	
evening max el	-8407 Jul 13 j 14:21	6°♋19'00	47°36'54

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

	-8407 Aug 09 j 11:59	0°♌	
greatest brilliancy	-8407 Aug 24 j 04:36	7°♌57'50	-4.9m
retrograde	-8407 Sep 02 j 12:49	9°♌38'53	
evening set	-8407 Sep 18 j 18:34	4°♌24'18	
inferior conj	-8407 Sep 23 j 04:47	1°♌42'48	-6°15'18
minimum elong	-8407 Sep 23 j 15:06	1°♌26'49	6°12'26
min. Earth dist.	-8407 Sep 22 j 20:48	1°♌55'09	0.26714 AU
	-8407 Sep 25 j 23:48	30℞♋	
morning rise	-8407 Sep 28 j 11:55	28°♋32'40	
direct	-8407 Oct 13 j 09:45	24°♋02'42	
asc. node	-8407 Oct 20 j 16:03	25°♋05'04	
greatest brilliancy	-8407 Oct 23 j 04:26	25°♋53'18	-4.9m
	-8407 Oct 31 j 17:24	0°♌	
morning max el	-8407 Dec 02 j 07:32	26°♌18'36	46°19'04
	-8407 Dec 06 j 00:02	0°♍	
	-8406 Jan 03 j 02:53	0°♎	
	-8406 Jan 29 j 16:33	0°♏	
desc. node	-8406 Feb 10 j 08:32	13°♏27'35	
	-8406 Feb 24 j 12:36	0°♐	
	-8406 Mar 21 j 19:50	0°♑	
	-8406 Apr 15 j 16:03	0°♒	
	-8406 May 10 j 02:44	0°♓	
morning set	-8406 May 28 j 09:13	22°♓41'22	
asc. node	-8406 Jun 02 j 07:04	28°♓49'09	
	-8406 Jun 03 j 05:45	0°♈	
	-8406 Jun 27 j 03:17	0°♉	
max. Earth dist.	-8406 Jul 02 j 08:02	6°♉32'56	1.71135 AU
superior conj	-8406 Jul 04 j 18:17	9°♉36'33	1°05'57
minimum elong	-8406 Jul 04 j 08:57	9°♉07'07	1°05'58
	-8406 Jul 20 j 21:59	0°♊	
evening rise	-8406 Aug 13 j 07:26	29°♊30'55	
	-8406 Aug 13 j 16:40	0°♋	
	-8406 Sep 06 j 13:50	0°♌	
desc. node	-8406 Sep 22 j 19:05	20°♌15'26	
	-8406 Sep 30 j 15:07	0°♍	
	-8406 Oct 24 j 21:39	0°♎	
	-8406 Nov 18 j 11:07	0°♏	
	-8406 Dec 13 j 11:56	0°♐	
	-8405 Jan 08 j 10:20	0°♑	
asc. node	-8405 Jan 12 j 21:18	4°♑59'30	
	-8405 Feb 05 j 07:41	0°♒	
evening max el	-8405 Feb 15 j 01:17	9°♒33'05	44°57'06
	-8405 Mar 12 j 02:09	0°♓	
greatest brilliancy	-8405 Mar 24 j 17:26	6°♓23'51	-4.7m
retrograde	-8405 Apr 04 j 00:10	8°♓15'05	
evening set	-8405 Apr 19 j 04:05	3°♓57'08	
inferior conj	-8405 Apr 25 j 05:40	0°♓25'17	2°23'49
minimum elong	-8405 Apr 25 j 10:46	0°♓17'33	2°22'04
	-8405 Apr 25 j 22:17	30℞♒	
min. Earth dist.	-8405 Apr 26 j 06:54	29°♒46'55	0.28226 AU
morning rise	-8405 May 01 j 16:30	26°♒38'58	
desc. node	-8405 May 05 j 16:10	24°♒43'31	
direct	-8405 May 16 j 21:34	22°♒17'04	
greatest brilliancy	-8405 May 28 j 09:38	24°♒39'53	-4.8m
	-8405 Jun 07 j 13:20	0°♓	
morning max el	-8405 Jul 06 j 00:03	24°♓07'46	46°34'36
	-8405 Jul 11 j 18:25	0°♈	
	-8405 Aug 07 j 22:01	0°♉	
asc. node	-8405 Aug 25 j 19:59	21°♉08'43	
	-8405 Sep 02 j 04:08	0°♊	
	-8405 Sep 26 j 16:01	0°♋	
	-8405 Oct 20 j 22:09	0°♌	
	-8405 Nov 14 j 05:06	0°♍	
	-8405 Dec 08 j 15:07	0°♎	
desc. node	-8405 Dec 16 j 08:35	9°♎27'48	
	-8404 Jan 02 j 03:28	0°♏	
morning set	-8404 Jan 11 j 06:43	11°♏10'05	
	-8404 Jan 26 j 16:11	0°♐	
max. Earth dist.	-8404 Feb 15 j 19:27	24°♐40'16	1.73783 AU
superior conj	-8404 Feb 17 j 12:38	26°♐46'37	-1°20'02
minimum elong	-8404 Feb 17 j 15:42	26°♐55'59	1°20'34
	-8404 Feb 20 j 03:41	0°♑	
	-8404 Mar 15 j 13:34	0°♒	
evening rise	-8404 Mar 24 j 03:20	10°♒33'06	
asc. node	-8404 Apr 06 j 06:49	26°♒44'20	
	-8404 Apr 08 j 22:22	0°♓	
	-8404 May 03 j 06:57	0°♈	
	-8404 May 27 j 16:17	0°♉	
	-8404 Jun 21 j 04:01	0°♊	
	-8404 Jul 15 j 21:09	0°♋	
desc. node	-8404 Jul 27 j 21:29	14°♋24'39	
	-8404 Aug 10 j 01:28	0°♌	
	-8404 Sep 05 j 05:45	0°♍	
evening max el	-8404 Sep 23 j 04:16	19°♍11'35	47°19'15
	-8404 Oct 04 j 04:46	0°♎	
greatest brilliancy	-8404 Nov 02 j 07:20	20°♎49'30	-4.9m
retrograde	-8404 Nov 13 j 04:02	23°♎04'49	
asc. node	-8404 Nov 17 j 02:34	22°♎45'17	
evening set	-8404 Nov 28 j 06:00	18°♎26'19	
min. Earth dist.	-8404 Dec 03 j 08:27	15°♎16'57	0.28303 AU
inferior conj	-8404 Dec 04 j 05:51	14°♎42'25	3°55'08
minimum elong	-8404 Dec 03 j 22:36	14°♎54'08	3°53'11
morning rise	-8404 Dec 09 j 16:06	11°♎20'10	
direct	-8404 Dec 25 j 06:47	6°♎31'29	
greatest brilliancy	-8403 Jan 03 j 01:27	7°♎57'25	-4.8m
	-8403 Feb 05 j 02:59	0°♏	
morning max el	-8403 Feb 11 j 23:35	6°♏20'01	45°55'36
	-8403 Mar 07 j 08:49	0°♐	
desc. node	-8403 Mar 09 j 20:32	2°♐39'23	
	-8403 Apr 03 j 13:31	0°♑	
	-8403 Apr 29 j 09:34	0°♒	
	-8403 May 24 j 09:14	0°♓	
	-8403 Jun 17 j 18:43	0°♈	
asc. node	-8403 Jun 29 j 20:28	15°♈02'41	
	-8403 Jul 11 j 18:32	0°♉	
greatest brilliancy	-8403 Jul 19 j 23:50	10°♉21'28	-3.9m
	-8403 Aug 04 j 12:51	0°♊	
morning set	-8403 Aug 08 j 15:06	5°♊10'57	
	-8403 Aug 28 j 05:41	0°♋	
superior conj	-8403 Sep 18 j 21:22	27°♋19'26	1°03'29
minimum elong	-8403 Sep 19 j 09:06	27°♋56'20	1°03'38
	-8403 Sep 21 j 00:26	0°♌	
max. Earth dist.	-8403 Sep 25 j 03:49	5°♌12'15	1.71117 AU
	-8403 Oct 14 j 23:06	0°♍	
desc. node	-8403 Oct 20 j 07:56	6°♍41'34	
evening rise	-8403 Nov 01 j 02:14	21°♍19'11	
	-8403 Nov 08 j 02:12	0°♎	
	-8403 Dec 02 j 09:23	0°♏	
	-8403 Dec 26 j 20:56	0°♐	
	-8402 Jan 20 j 14:58	0°♑	
asc. node	-8402 Feb 09 j 08:36	23°♑33'03	
	-8402 Feb 14 j 19:50	0°♒	
	-8402 Mar 12 j 18:34	0°♓	
	-8402 Apr 09 j 01:12	0°♈	
evening max el	-8402 Apr 28 j 08:39	19°♈35'04	45°58'57
	-8402 May 09 j 17:16	0°♉	
desc. node	-8402 Jun 02 j 02:30	16°♉24'51	
greatest brilliancy	-8402 Jun 07 j 07:46	18°♉33'38	-4.8m
retrograde	-8402 Jun 16 j 22:01	20°♉14'29	
evening set	-8402 Jul 03 j 00:31	15°♉23'16	
inferior conj	-8402 Jul 07 j 18:13	12°♉38'09	-7°25'58

Attention, astronomical year style is used: The year -8900 in astronomical counting style is the year 8901 BCE in historical counting style.

minimum elong	-8402 Jul 07 j 08:21	12°♉52'52	7°23'59	
min. Earth dist.	-8402 Jul 07 j 15:53	12°♉41'37	0.26772 AU	
morning rise	-8402 Jul 11 j 15:56	10°♉20'21		
direct	-8402 Jul 28 j 07:58	5°♉02'04		
greatest brilliancy	-8402 Aug 08 j 02:06	7°♉11'28	-4.9m	
	-8402 Sep 08 j 13:01	0°♊		
morning max el	-8402 Sep 17 j 00:39	8°♊24'21	46°45'29	
asc. node	-8402 Sep 22 j 07:28	13°♊54'26		
	-8402 Oct 07 j 00:59	0°♋		
	-8402 Nov 02 j 00:48	0°♌		
	-8402 Nov 27 j 07:22	0°♍		
	-8402 Dec 22 j 09:15	0°♎		
desc. node	-8401 Jan 12 j 21:56	25°♎49'33		
	-8401 Jan 16 j 09:17	0°♏		
	-8401 Feb 10 j 06:32	0°♐		
	-8401 Mar 06 j 23:23	0°♑		
morning set	-8401 Mar 20 j 09:49	16°♑25'26		
	-8401 Mar 31 j 11:09	0°♒		
max. Earth dist.	-8401 Apr 20 j 11:28	24°♒41'59	1.72941 AU	
superior conj	-8401 Apr 24 j 17:02	29°♒56'34	-0°23'14	
minimum elong	-8401 Apr 24 j 21:23	0°♓10'02	0°23'21	
	-8401 Apr 24 j 18:08	0°♓		
asc. node	-8401 May 04 j 19:52	12°♓30'04		
	-8401 May 18 j 21:18	0°♈		
evening rise	-8401 May 30 j 12:18	14°♈30'23		
	-8401 Jun 11 j 21:54	0°♉		
	-8401 Jul 05 j 21:39	0°♊		
	-8401 Jul 29 j 22:46	0°♋		
	-8401 Aug 23 j 03:44	0°♌		
desc. node	-8401 Aug 25 j 08:59	2°♌44'08		
	-8401 Sep 16 j 15:21	0°♍		
	-8401 Oct 11 j 14:03	0°♎		
	-8401 Nov 06 j 10:30	0°♏		
evening max el	-8401 Dec 03 j 14:53	29°♏03'21	45°41'36	
	-8401 Dec 04 j 13:50	0°♐		
asc. node	-8401 Dec 15 j 13:00	10°♐15'42		
greatest brilliancy	-8400 Jan 10 j 16:03	27°♐50'12	-4.7m	
	-8400 Jan 19 j 17:11	0°♑		
retrograde	-8400 Jan 21 j 17:25	0°♑04'46		
	-8400 Jan 23 j 17:10	30°℞♐		
evening set	-8400 Feb 08 j 09:06	24°♐06'33		
inferior conj	-8400 Feb 12 j 04:33	21°♐43'33	8°03'49	
minimum elong	-8400 Feb 12 j 05:41	21°♐41'44	8°03'16	
min. Earth dist.	-8400 Feb 12 j 13:21	21°♐29'33	0.29612 AU	
morning rise	-8400 Feb 16 j 02:14	19°♐16'42		
direct	-8400 Mar 05 j 01:56	13°♐10'49		
greatest brilliancy	-8400 Mar 15 j 04:06	15°♐00'21	-4.7m	
desc. node	-8400 Apr 06 j 07:36	28°♐15'53		
	-8400 Apr 08 j 11:15	0°♑		
morning max el	-8400 Apr 23 j 05:24	13°♑12'02	46°03'48	
	-8400 May 09 j 19:46	0°♒		
	-8400 Jun 05 j 20:45	0°♓		
	-8400 Jul 01 j 06:13	0°♈		
	-8400 Jul 25 j 18:27	0°♉		
asc. node	-8400 Jul 27 j 09:41	2°♉01'35		
	-8400 Aug 18 j 19:02	0°♊		
	-8400 Sep 11 j 14:54	0°♋		
	-8400 Oct 05 j 11:19	0°♌		
morning set	-8400 Oct 25 j 03:56	24°♌38'01		
	-8400 Oct 29 j 11:17	0°♍		
desc. node	-8400 Nov 16 j 21:13	22°♍52'07		
	-8400 Nov 22 j 15:31	0°♎		
superior conj	-8400 Dec 05 j 22:04	16°♎23'44	-0°41'16	
minimum elong	-8400 Dec 05 j 13:10	15°♎56'19	0°40'59	
max. Earth dist.	-8400 Dec 09 j 01:20	20°♎15'51	1.72935 AU	
	-8400 Dec 16 j 22:59	0°♏		
	-8399 Jan 10 j 08:27	0°♐		
evening rise	-8399 Jan 13 j 17:40	4°♐09'17		
	-8399 Feb 03 j 19:37	0°♑		
	-8399 Feb 28 j 09:25	0°♒		
asc. node	-8399 Mar 08 j 20:25	10°♒16'55		
	-8399 Mar 25 j 03:31	0°♓		
	-8399 Apr 19 j 03:48	0°♈		
	-8399 May 14 j 13:16	0°♉		
	-8399 Jun 09 j 15:12	0°♊		
desc. node	-8399 Jun 29 j 12:56	21°♊51'34		
	-8399 Jul 07 j 07:45	0°♋		
evening max el	-8399 Jul 11 j 05:32	3°♋57'47	47°35'03	
	-8399 Aug 10 j 17:29	0°♌		
greatest brilliancy	-8399 Aug 21 j 17:52	5°♌29'12	-4.9m	
retrograde	-8399 Aug 31 j 02:25	7°♌09'57		
evening set	-8399 Sep 16 j 10:49	1°♌51'21		
	-8399 Sep 19 j 12:28	30°℞♋		
inferior conj	-8399 Sep 20 j 17:44	29°♋14'41	-6°32'01	
minimum elong	-8399 Sep 21 j 04:06	28°♋58'39	6°29'14	
min. Earth dist.	-8399 Sep 20 j 09:47	29°♋27'00	0.26692 AU	
morning rise	-8399 Sep 25 j 21:43	26°♋09'22		
direct	-8399 Oct 10 j 23:13	21°♋35'35		
asc. node	-8399 Oct 19 j 18:14	23°♋06'04		
greatest brilliancy	-8399 Oct 20 j 17:23	23°♋26'04	-4.9m	
	-8399 Nov 02 j 03:03	0°♌		
morning max el	-8399 Nov 29 j 22:12	23°♌58'31	46°20'01	
	-8399 Dec 05 j 21:30	0°♍		
	-8398 Jan 02 j 18:47	0°♎		