Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3900 Jan 06 j 01:20	16°♐34'12	-1°50'00
minimum elong	-3900 Jan 06 j 03:28	16°♐44'27	1°50'03
	-3900 Jan 12 j 22:13	0°♑	
evening rise	-3900 Jan 14 j 18:51	3°♑40'25	
asc. node	-3900 Jan 21 j 03:19	15°♑47'41	
	-3900 Jan 30 j 21:20	0°♒	
evening max el	-3900 Jan 31 j 10:52	0°♒33'24	19°00'25
retrograde	-3900 Feb 08 j 22:46	4°♒37'54	
evening set	-3900 Feb 11 j 08:23	4°♒19'45	
inferior conj	-3900 Feb 19 j 07:31	0°♒03'56	3°11'41
minimum elong	-3900 Feb 19 j 12:11	29°♑55'42	3°10'32
	-3900 Feb 19 j 09:45	30°℞♑	
min. Earth dist.	-3900 Feb 22 j 10:54	27°♑51'53	0.57246 AU
morning rise	-3900 Feb 27 j 13:21	25°♑00'57	
direct	-3900 Mar 03 j 19:32	23°♑55'28	
desc. node	-3900 Mar 03 j 13:43	23°♑55'36	
	-3900 Mar 16 j 16:11	0°♒	
morning max el	-3900 Mar 18 j 01:05	1°♒16'09	25°35'52
	-3900 Apr 07 j 03:55	0°♓	
morning set	-3900 Apr 14 j 09:52	14°♓22'36	
asc. node	-3900 Apr 18 j 02:50	22°♓18'17	
superior conj	-3900 Apr 21 j 09:55	29°♓29'06	0°33'47
minimum elong	-3900 Apr 21 j 08:29	29°♓21'15	0°33'28
	-3900 Apr 21 j 15:35	0°♈	
max. Earth dist.	-3900 Apr 22 j 06:11	1°♈19'31	1.32832 AU
evening rise	-3900 Apr 28 j 13:13	14°♈43'15	
	-3900 May 06 j 09:56	0°♉	
	-3900 May 26 j 17:57	0°♊	
evening max el	-3900 May 29 j 23:12	3°♊19'11	27°09'21
desc. node	-3900 May 30 j 12:24	3°♊50'19	
retrograde	-3900 Jun 12 j 21:34	10°♊41'18	
evening set	-3900 Jun 19 j 20:58	8°♊26'27	
min. Earth dist.	-3900 Jun 23 j 12:40	5°♊39'32	0.61564 AU
inferior conj	-3900 Jun 26 j 16:42	2°♊48'45	-4°14'14
minimum elong	-3900 Jun 26 j 18:42	2°♊44'14	4°13'54
	-3900 Jun 30 j 00:46	30°℞♉	
morning rise	-3900 Jul 03 j 17:59	27°♉53'45	
direct	-3900 Jul 06 j 07:27	27°♉26'03	
	-3900 Jul 12 j 06:02	0°♊	
morning max el	-3900 Jul 13 j 04:57	0°♊52'09	18°00'06
asc. node	-3900 Jul 15 j 02:23	2°♊55'06	
morning set	-3900 Jul 29 j 07:14	26°♊11'17	
	-3900 Jul 31 j 09:18	0°♋	
superior conj	-3900 Aug 08 j 20:01	15°♋06'22	1°36'22
minimum elong	-3900 Aug 09 j 00:06	15°♋24'09	1°36'14
max. Earth dist.	-3900 Aug 16 j 05:58	27°♋41'23	1.42250 AU
	-3900 Aug 17 j 15:40	0°♌	
evening rise	-3900 Aug 22 j 20:43	8°♌23'29	
desc. node	-3900 Aug 26 j 11:39	14°♌04'11	
	-3900 Sep 06 j 01:33	0°♍	
evening max el	-3900 Sep 24 j 01:05	23°♍29'41	21°59'46
retrograde	-3900 Oct 03 j 06:36	28°♍58'52	
evening set	-3900 Oct 07 j 15:58	27°♍14'04	
asc. node	-3900 Oct 11 j 01:25	23°♍35'04	
inferior conj	-3900 Oct 12 j 23:44	20°♍58'30	0°39'29
minimum elong	-3900 Oct 12 j 22:50	21°♍01'38	0°39'09
min. Earth dist.	-3900 Oct 13 j 02:29	20°♍49'00	0.67359 AU
morning rise	-3900 Oct 18 j 05:34	14°♍43'47	
direct	-3900 Oct 22 j 23:53	12°♍45'07	
morning max el	-3900 Nov 01 j 20:55	18°♍38'29	22°48'10
	-3900 Nov 11 j 07:53	0°♎	
desc. node	-3900 Nov 22 j 11:30	15°♎50'29	
	-3900 Dec 01 j 15:57	0°♏	

morning set	-3900 Dec 05 j 22:44	6°♏55'40	
max. Earth dist.	-3900 Dec 10 j 21:20	15°♏12'31	1.40201 AU
superior conj	-3900 Dec 18 j 15:10	28°♏52'10	-1°54'56
minimum elong	-3900 Dec 18 j 14:57	28°♏51'11	1°55'05
	-3900 Dec 19 j 06:03	0°♐	
evening rise	-3900 Dec 28 j 08:57	17°♐06'36	
	-3899 Jan 04 j 08:09	0°♑	
asc. node	-3899 Jan 07 j 00:23	4°♑30'05	
evening max el	-3899 Jan 13 j 15:03	13°♑11'47	18°24'38
retrograde	-3899 Jan 21 j 00:58	16°♑51'02	
evening set	-3899 Jan 23 j 13:45	16°♑26'41	
inferior conj	-3899 Jan 30 j 20:42	11°♑50'46	3°52'45
minimum elong	-3899 Jan 30 j 22:56	11°♑46'08	3°52'23
min. Earth dist.	-3899 Feb 03 j 05:55	9°♑05'08	0.59132 AU
morning rise	-3899 Feb 07 j 06:00	6°♑23'22	
direct	-3899 Feb 13 j 13:37	4°♑38'50	
desc. node	-3899 Feb 18 j 10:50	5°♑38'27	
morning max el	-3899 Feb 27 j 19:48	12°♑14'14	26°50'30
	-3899 Mar 13 j 18:36	0°♒	
morning set	-3899 Mar 29 j 20:19	29°♒19'19	
	-3899 Mar 30 j 04:06	0°♓	
asc. node	-3899 Apr 04 j 23:49	12°♓31'23	
superior conj	-3899 Apr 05 j 21:39	14°♓30'49	0°09'31
minimum elong	-3899 Apr 05 j 21:14	14°♓28'31	0°09'21
behind sun begin	-3899 Apr 05 j 17:11	14°♓06'21	
behind sun end	-3899 Apr 06 j 01:17	14°♓50'42	
max. Earth dist.	-3899 Apr 05 j 19:24	14°♓18'29	1.32572 AU
evening rise	-3899 Apr 12 j 21:23	29°♓35'09	
	-3899 Apr 13 j 02:09	0°♈	
	-3899 Apr 29 j 17:55	0°♉	
evening max el	-3899 May 11 j 23:55	15°♉08'19	26°21'00
desc. node	-3899 May 17 j 09:31	19°♉29'58	
retrograde	-3899 May 26 j 01:57	22°♉26'52	
evening set	-3899 Jun 01 j 08:52	20°♉47'27	
min. Earth dist.	-3899 Jun 05 j 12:56	18°♉05'54	0.59524 AU
inferior conj	-3899 Jun 08 j 22:04	15°♉27'17	-4°18'13
minimum elong	-3899 Jun 08 j 21:07	15°♉29'08	4°18'05
morning rise	-3899 Jun 16 j 11:46	10°♉54'00	
direct	-3899 Jun 18 j 24:00	10°♉31'34	
morning max el	-3899 Jun 26 j 14:56	14°♉10'54	18°22'11
asc. node	-3899 Jul 01 j 23:25	20°♉46'51	
	-3899 Jul 07 j 12:14	0°♊	
morning set	-3899 Jul 12 j 16:59	9°♊42'55	
superior conj	-3899 Jul 22 j 00:20	27°♊15'29	1°47'45
minimum elong	-3899 Jul 22 j 01:42	27°♊21'45	1°47'52
	-3899 Jul 23 j 12:25	0°♋	
max. Earth dist.	-3899 Jul 29 j 10:37	10°♋28'18	1.40412 AU
evening rise	-3899 Aug 03 j 02:07	18°♋18'39	
	-3899 Aug 10 j 08:53	0°♌	
desc. node	-3899 Aug 13 j 08:36	4°♌36'11	
	-3899 Aug 31 j 12:23	0°♍	
evening max el	-3899 Sep 06 j 15:17	6°♍55'24	23°19'44
retrograde	-3899 Sep 16 j 23:44	13°♍03'08	
evening set	-3899 Sep 21 j 22:57	10°♍58'55	
inferior conj	-3899 Sep 27 j 06:21	4°♍40'14	-0°13'51
minimum elong	-3899 Sep 27 j 06:40	4°♍39'08	0°13'37
transit middle	-3899 Sep 27 j 06:40	4°♍39'08	0°13'37
transit begin	-3899 Sep 27 j 05:10	4°♍44'17	
transit end	-3899 Sep 27 j 08:10	4°♍34'00	
min. Earth dist.	-3899 Sep 26 j 22:56	5°♍05'44	0.67416 AU
asc. node	-3899 Sep 27 j 22:31	3°♍44'53	
	-3899 Sep 30 j 23:00	30°℞♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3899 Oct 02 j 14:18	28°♌28'51		
direct	-3899 Oct 06 j 18:43	26°♌51'20		
	-3899 Oct 13 j 08:48	0°♍		
morning max el	-3899 Oct 15 j 12:17	2°♍01'07	21°25'27	
	-3899 Nov 05 j 06:46	0°♎		
desc. node	-3899 Nov 09 j 08:25	6°♎09'55		
morning set	-3899 Nov 15 j 12:30	15°♎45'02		
max. Earth dist.	-3899 Nov 22 j 23:02	27°♎43'18	1.42143 AU	
	-3899 Nov 24 j 08:09	0°♏		
superior conj	-3899 Nov 30 j 07:07	10°♏04'03	-1°47'37	
minimum elong	-3899 Nov 30 j 03:17	9°♏47'32	1°47'29	
evening rise	-3899 Dec 11 j 10:19	29°♏52'15		
	-3899 Dec 11 j 12:01	0°♐		
asc. node	-3899 Dec 24 j 21:27	22°♐31'12		
evening max el	-3899 Dec 28 j 00:46	26°♐11'41	18°08'53	
retrograde	-3898 Jan 03 j 19:27	29°♐40'05		
evening set	-3898 Jan 06 j 11:20	29°♐08'19		
inferior conj	-3898 Jan 13 j 04:47	24°♐10'55	4°02'41	
minimum elong	-3898 Jan 13 j 04:19	24°♐12'00	4°02'31	
min. Earth dist.	-3898 Jan 16 j 07:18	21°♐15'42	0.61147 AU	
morning rise	-3898 Jan 19 j 19:58	18°♐26'57		
direct	-3898 Jan 26 j 18:23	16°♐06'34		
desc. node	-3898 Feb 05 j 07:54	19°♐54'36		
morning max el	-3898 Feb 09 j 20:28	23°♐48'54	27°33'55	
	-3898 Feb 15 j 11:09	0°♑		
	-3898 Mar 06 j 22:35	0°♒		
morning set	-3898 Mar 14 j 03:13	14°♒03'09		
max. Earth dist.	-3898 Mar 20 j 07:47	27°♒11'56	1.32652 AU	
superior conj	-3898 Mar 21 j 08:53	29°♒28'35	-0°15'36	
minimum elong	-3898 Mar 21 j 09:35	29°♒32'26	0°15'33	
behind sun begin	-3898 Mar 21 j 08:42	29°♒27'33		
behind sun end	-3898 Mar 21 j 10:29	29°♒37'18		
	-3898 Mar 21 j 14:39	0°♓		
asc. node	-3898 Mar 22 j 20:49	2°♓44'40		
evening rise	-3898 Mar 28 j 08:12	14°♓32'35		
	-3898 Apr 05 j 03:44	0°♈		
evening max el	-3898 Apr 23 j 18:47	26°♈18'13	25°05'29	
	-3898 Apr 28 j 05:54	0°♉		
desc. node	-3898 May 04 j 06:38	2°♉57'15		
retrograde	-3898 May 07 j 19:57	3°♉26'45		
evening set	-3898 May 12 j 23:05	2°♉25'57		
	-3898 May 17 j 14:39	30°℞♈		
min. Earth dist.	-3898 May 18 j 07:07	29°♈33'28	0.57566 AU	
inferior conj	-3898 May 21 j 08:30	27°♈29'08	-3°52'02	
minimum elong	-3898 May 21 j 04:02	27°♈36'46	3°51'16	
morning rise	-3898 May 29 j 11:58	23°♈15'55		
direct	-3898 May 31 j 23:34	22°♈57'38		
morning max el	-3898 Jun 09 j 18:06	27°♈03'45	19°04'31	
	-3898 Jun 12 j 11:48	0°♉		
asc. node	-3898 Jun 18 j 20:25	9°♉23'02		
morning set	-3898 Jun 26 j 13:10	23°♉48'02		
	-3898 Jun 29 j 16:20	0°♊		
superior conj	-3898 Jul 04 j 23:34	10°♊22'55	1°48'11	
minimum elong	-3898 Jul 04 j 22:43	10°♊18'48	1°48'19	
max. Earth dist.	-3898 Jul 11 j 12:24	22°♊36'16	1.38462 AU	
evening rise	-3898 Jul 15 j 09:52	29°♊31'08		
	-3898 Jul 15 j 16:31	0°♋		
desc. node	-3898 Jul 31 j 05:37	24°♋56'06		
	-3898 Aug 03 j 17:20	0°♌		
evening max el	-3898 Aug 20 j 02:40	20°♌25'00	24°39'30	
retrograde	-3898 Aug 31 j 13:04	27°♌05'51		
evening set	-3898 Sep 06 j 03:14	24°♌42'50		
min. Earth dist.	-3898 Sep 10 j 17:58	19°♌24'23	0.67173 AU	
inferior conj	-3898 Sep 11 j 11:53	18°♌24'33	-1°07'15	
minimum elong	-3898 Sep 11 j 13:28	18°♌19'17	1°06'29	
asc. node	-3898 Sep 14 j 19:36	14°♌16'58		
morning rise	-3898 Sep 16 j 23:41	12°♌19'40		
direct	-3898 Sep 20 j 16:07	11°♌01'23		
morning max el	-3898 Sep 28 j 10:41	15°♌32'39	20°12'44	
	-3898 Oct 09 j 14:44	0°♍		
morning set	-3898 Oct 25 j 10:54	23°♍56'44		
desc. node	-3898 Oct 27 j 05:21	26°♍41'31		
	-3898 Oct 29 j 08:13	0°♎		
max. Earth dist.	-3898 Nov 05 j 08:31	11°♎05'54	1.43686 AU	
superior conj	-3898 Nov 10 j 20:23	20°♎00'01	-1°24'25	
minimum elong	-3898 Nov 10 j 13:33	19°♎32'02	1°23'47	
	-3898 Nov 16 j 20:44	0°♏		
evening rise	-3898 Nov 23 j 18:47	11°♏49'50		
	-3898 Dec 04 j 12:21	0°♐		
evening max el	-3898 Dec 11 j 13:10	9°♐25'52	18°12'25	
asc. node	-3898 Dec 11 j 18:31	9°♐39'13		
retrograde	-3898 Dec 18 j 02:13	12°♐55'54		
evening set	-3898 Dec 20 j 21:36	12°♐15'37		
inferior conj	-3898 Dec 27 j 04:17	6°♐57'31	3°50'15	
minimum elong	-3898 Dec 27 j 02:00	7°♐03'37	3°49'49	
min. Earth dist.	-3898 Dec 29 j 17:37	4°♐14'22	0.63018 AU	
morning rise	-3897 Jan 02 j 05:41	1°♐01'55		
	-3897 Jan 03 j 17:29	30°℞♏		
direct	-3897 Jan 09 j 07:20	28°♏18'31		
	-3897 Jan 15 j 07:48	0°♐		
morning max el	-3897 Jan 23 j 02:31	6°♐02'38	27°41'13	
desc. node	-3897 Jan 23 j 04:57	6°♐08'38		
	-3897 Feb 10 j 08:43	0°♑		
morning set	-3897 Feb 26 j 04:20	28°♑25'57		
	-3897 Feb 26 j 22:57	0°♒		
max. Earth dist.	-3897 Mar 03 j 15:36	9°♒46'27	1.33101 AU	
superior conj	-3897 Mar 05 j 17:56	14°♒15'58	-0°40'38	
minimum elong	-3897 Mar 05 j 19:44	14°♒25'40	0°40'23	
asc. node	-3897 Mar 09 j 17:49	22°♒53'42		
evening rise	-3897 Mar 12 j 19:51	29°♒28'33		
	-3897 Mar 13 j 01:50	0°♓		
	-3897 Mar 30 j 06:06	0°♈		
evening max el	-3897 Apr 05 j 10:44	7°♈03'32	23°33'57	
retrograde	-3897 Apr 19 j 01:12	13°♈48'59		
desc. node	-3897 Apr 21 j 03:46	13°♈39'06		
evening set	-3897 Apr 22 j 20:15	13°♈17'23		
min. Earth dist.	-3897 Apr 29 j 21:54	10°♈01'57	0.56029 AU	
inferior conj	-3897 May 01 j 22:56	8°♈48'34	-2°46'38	
minimum elong	-3897 May 01 j 17:00	8°♈57'30	2°45'01	
morning rise	-3897 May 10 j 16:29	4°♈49'17		
direct	-3897 May 13 j 04:34	4°♈33'34		
morning max el	-3897 May 23 j 11:47	9°♈20'47	20°07'16	
asc. node	-3897 Jun 05 j 17:25	28°♈32'27		
	-3897 Jun 06 j 11:55	0°♉		
morning set	-3897 Jun 10 j 16:39	8°♉17'32		
superior conj	-3897 Jun 18 j 12:26	24°♉13'08	1°40'24	
minimum elong	-3897 Jun 18 j 10:16	24°♉02'13	1°40'22	
	-3897 Jun 21 j 10:23	0°♊		
max. Earth dist.	-3897 Jun 23 j 17:01	4°♊24'23	1.36637 AU	
evening rise	-3897 Jun 27 j 16:56	11°♊53'04		
	-3897 Jul 08 j 06:00	0°♋		
desc. node	-3897 Jul 18 j 02:40	14°♋57'01		
	-3897 Jul 29 j 19:43	0°♌		
evening max el	-3897 Aug 02 j 13:31	3°♌56'51	25°51'24	
retrograde	-3897 Aug 14 j 21:50	11°♌01'40		
evening set	-3897 Aug 21 j 02:51	8°♌23'00		
min. Earth dist.	-3897 Aug 25 j 09:05	3°♌42'00	0.66598 AU	
inferior conj	-3897 Aug 26 j 14:32	2°♌08'22	-1°59'07	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3897 Aug 26 j 17:15	1°♌59'43	1°57'58
	-3897 Aug 28 j 07:53	30°℞♋	
morning rise	-3897 Sep 01 j 07:47	26°♋13'19	
asc. node	-3897 Sep 01 j 16:40	26°♋00'08	
direct	-3897 Sep 04 j 14:23	25°♋11'22	
morning max el	-3897 Sep 11 j 16:13	29°♋12'40	19°13'48
	-3897 Sep 12 j 10:10	0°♌	
	-3897 Oct 03 j 00:50	0°♍	
morning set	-3897 Oct 04 j 17:22	2°♍38'47	
desc. node	-3897 Oct 14 j 02:20	17°♍21'03	
max. Earth dist.	-3897 Oct 19 j 00:17	25°♍05'37	1.44614 AU
superior conj	-3897 Oct 21 j 07:51	28°♍45'34	-0°44'51
minimum elong	-3897 Oct 21 j 02:24	28°♍23'55	0°44'11
	-3897 Oct 22 j 02:36	0°♎	
evening rise	-3897 Nov 05 j 05:48	22°♎50'42	
	-3897 Nov 09 j 14:04	0°♏	
evening max el	-3897 Nov 25 j 01:31	22°♏48'28	18°34'22
asc. node	-3897 Nov 28 j 15:35	25°♏39'59	
retrograde	-3897 Dec 01 j 17:06	26°♏30'37	
evening set	-3897 Dec 04 j 17:10	25°♏40'22	
inferior conj	-3897 Dec 10 j 15:31	20°♏03'59	3°22'33
minimum elong	-3897 Dec 10 j 12:26	20°♏13'04	3°21'44
min. Earth dist.	-3897 Dec 12 j 14:00	17°♏47'15	0.64587 AU
morning rise	-3897 Dec 16 j 07:18	13°♏59'35	
direct	-3897 Dec 23 j 03:12	11°♏08'26	
morning max el	-3896 Jan 05 j 11:47	18°♏48'26	27°13'59
desc. node	-3896 Jan 10 j 02:01	23°♏47'42	
	-3896 Jan 15 j 01:08	0°♐	
	-3896 Feb 03 j 06:39	0°♑	
morning set	-3896 Feb 09 j 20:45	12°♑18'24	
max. Earth dist.	-3896 Feb 14 j 15:03	21°♑50'44	1.33961 AU
superior conj	-3896 Feb 17 j 22:55	28°♑46'41	-1°04'32
minimum elong	-3896 Feb 18 j 01:37	29°♑00'55	1°04'12
	-3896 Feb 18 j 12:48	0°♒	
asc. node	-3896 Feb 24 j 14:51	12°♒54'16	
evening rise	-3896 Feb 25 j 06:35	14°♒16'39	
	-3896 Mar 04 j 07:41	0°♓	
evening max el	-3896 Mar 17 j 05:39	17°♓50'27	22°00'30
retrograde	-3896 Mar 29 j 19:00	23°♓55'51	
evening set	-3896 Apr 01 j 13:21	23°♓38'52	
desc. node	-3896 Apr 07 j 00:53	21°♓39'01	
inferior conj	-3896 Apr 10 j 22:04	19°♓32'52	-1°04'13
minimum elong	-3896 Apr 10 j 19:07	19°♓37'01	1°03'14
min. Earth dist.	-3896 Apr 10 j 11:45	19°♓47'24	0.55224 AU
morning rise	-3896 Apr 20 j 02:05	15°♓34'07	
direct	-3896 Apr 22 j 19:12	15°♓17'38	
morning max el	-3896 May 04 j 18:41	20°♓56'37	21°28'53
	-3896 May 12 j 07:21	0°♈	
asc. node	-3896 May 22 j 14:28	18°♈06'51	
morning set	-3896 May 25 j 00:58	23°♈04'32	
	-3896 May 28 j 08:37	0°♉	
superior conj	-3896 Jun 01 j 10:54	8°♉34'25	1°26'34
minimum elong	-3896 Jun 01 j 08:14	8°♉20'33	1°26'21
max. Earth dist.	-3896 Jun 05 j 05:33	16°♉18'12	1.35104 AU
evening rise	-3896 Jun 09 j 18:05	25°♉10'30	
	-3896 Jun 12 j 07:43	0°♊	
	-3896 Jun 30 j 17:06	0°♋	
desc. node	-3896 Jul 03 j 23:42	4°♋30'36	
evening max el	-3896 Jul 15 j 00:44	17°♋25'22	26°47'19
retrograde	-3896 Jul 28 j 01:41	24°♋44'13	
evening set	-3896 Aug 03 j 19:30	21°♋56'41	
min. Earth dist.	-3896 Aug 07 j 17:58	17°♋54'09	0.65661 AU
inferior conj	-3896 Aug 09 j 12:18	15°♋48'39	-2°47'31
minimum elong	-3896 Aug 09 j 15:52	15°♋38'06	2°46'14
morning rise	-3896 Aug 15 j 12:35	10°♋06'37	
direct	-3896 Aug 18 j 11:36	9°♋17'49	
asc. node	-3896 Aug 18 j 13:47	9°♋17'51	
morning max el	-3896 Aug 25 j 03:20	12°♋58'10	18°30'36
	-3896 Sep 06 j 06:07	0°♌	
morning set	-3896 Sep 14 j 00:11	12°♌33'23	
	-3896 Sep 24 j 20:47	0°♍	
superior conj	-3896 Sep 29 j 07:18	7°♍01'38	0°04'15
minimum elong	-3896 Sep 29 j 07:52	7°♍03'52	0°04'14
behind sun begin	-3896 Sep 28 j 20:52	6°♍20'24	
behind sun end	-3896 Sep 29 j 18:52	7°♍47'17	
desc. node	-3896 Sep 29 j 23:16	8°♍04'38	
max. Earth dist.	-3896 Sep 30 j 18:26	9°♍20'11	1.44825 AU
	-3896 Oct 13 j 21:29	0°♎	
evening rise	-3896 Oct 15 j 16:00	2°♎47'42	
greatest brilliancy	-3896 Oct 25 j 00:25	17°♎30'55	-0.8m
	-3896 Nov 02 j 09:16	0°♏	
evening max el	-3896 Nov 07 j 11:15	6°♏14'22	19°13'37
retrograde	-3896 Nov 14 j 12:35	10°♏17'38	
asc. node	-3896 Nov 14 j 12:42	10°♏17'38	
evening set	-3896 Nov 17 j 19:06	9°♏15'24	
inferior conj	-3896 Nov 23 j 11:10	3°♏23'48	2°44'27
minimum elong	-3896 Nov 23 j 08:06	3°♏33'33	2°43'25
min. Earth dist.	-3896 Nov 24 j 19:39	1°♏40'46	0.65802 AU
	-3896 Nov 26 j 04:40	30°℞♎	
morning rise	-3896 Nov 28 j 20:50	27°♎13'07	
direct	-3896 Dec 05 j 05:22	24°♎27'11	
	-3896 Dec 15 j 22:08	0°♏	
morning max el	-3896 Dec 17 j 21:33	1°♏53'01	26°18'16
desc. node	-3896 Dec 26 j 23:03	12°♏26'09	
	-3895 Jan 08 j 04:09	0°♐	
morning set	-3895 Jan 23 j 00:31	25°♐27'39	
	-3895 Jan 25 j 09:57	0°♑	
max. Earth dist.	-3895 Jan 27 j 02:59	3°♑19'10	1.35264 AU
superior conj	-3895 Jan 31 j 21:27	12°♑52'38	-1°25'57
minimum elong	-3895 Feb 01 j 00:37	13°♑08'46	1°25'42
evening rise	-3895 Feb 08 j 14:30	28°♑49'52	
	-3895 Feb 09 j 04:11	0°♒	
asc. node	-3895 Feb 10 j 11:53	2°♒40'51	
evening max el	-3895 Feb 27 j 09:02	29°♒02'25	20°36'58
	-3895 Feb 28 j 10:28	0°♓	
retrograde	-3895 Mar 10 j 08:55	4°♓16'25	
evening set	-3895 Mar 12 j 16:40	4°♓03'20	
inferior conj	-3895 Mar 21 j 17:46	0°♓05'21	0°52'29
minimum elong	-3895 Mar 21 j 20:05	0°♓01'58	0°51'36
	-3895 Mar 21 j 21:27	30°℞♒	
min. Earth dist.	-3895 Mar 23 j 01:55	29°♒18'40	0.55338 AU
desc. node	-3895 Mar 24 j 22:02	28°♒16'42	
morning rise	-3895 Mar 30 j 22:15	25°♒48'27	
direct	-3895 Apr 03 j 07:33	25°♒23'28	
	-3895 Apr 14 j 11:44	0°♓	
morning max el	-3895 Apr 16 j 15:45	1°♓54'00	23°04'16
	-3895 May 05 j 13:16	0°♈	
asc. node	-3895 May 09 j 11:30	7°♈58'53	
morning set	-3895 May 09 j 12:08	8°♈02'13	
superior conj	-3895 May 16 j 15:53	23°♈16'43	1°08'23
minimum elong	-3895 May 16 j 13:21	23°♈03'15	1°08'03
max. Earth dist.	-3895 May 19 j 03:51	28°♈33'43	1.33930 AU
	-3895 May 19 j 20:22	0°♉	
evening rise	-3895 May 24 j 08:21	9°♉09'00	
	-3895 Jun 04 j 18:14	0°♊	
desc. node	-3895 Jun 20 j 20:46	23°♊25'24	
	-3895 Jun 26 j 18:50	0°♋	
evening max el	-3895 Jun 27 j 11:48	0°♋41'29	27°19'49

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3895 Jul 11 j 00:16	8°♋05'45	
evening set	-3895 Jul 18 j 02:21	5°♋20'11	
min. Earth dist.	-3895 Jul 21 j 18:38	1°♋53'45	0.64339 AU
	-3895 Jul 23 j 12:44	30°℞♊	
inferior conj	-3895 Jul 24 j 02:51	29°♊21'32	-3°29'50
minimum elong	-3895 Jul 24 j 06:39	29°♊11'13	3°28'46
morning rise	-3895 Jul 30 j 11:39	23°♊55'30	
direct	-3895 Aug 02 j 05:20	23°♊16'47	
asc. node	-3895 Aug 05 j 10:54	24°♊10'29	
morning max el	-3895 Aug 08 j 17:40	26°♊44'48	18°04'24
	-3895 Aug 11 j 13:19	0°♋	
morning set	-3895 Aug 26 j 10:13	23°♋46'13	
	-3895 Aug 30 j 02:36	0°♌	
superior conj	-3895 Sep 08 j 17:34	15°♌53'23	0°50'11
minimum elong	-3895 Sep 08 j 22:48	16°♌14'33	0°49'40
max. Earth dist.	-3895 Sep 13 j 11:32	23°♌30'24	1.44314 AU
desc. node	-3895 Sep 16 j 20:12	28°♌49'28	
	-3895 Sep 17 j 14:09	0°♍	
evening rise	-3895 Sep 25 j 04:13	11°♍49'07	
	-3895 Oct 07 j 01:59	0°♎	
greatest brilliancy	-3895 Oct 08 j 21:46	2°♎43'09	-0.6m
evening max el	-3895 Oct 21 j 16:23	19°♎41'18	20°08'27
retrograde	-3895 Oct 29 j 09:48	24°♎13'13	
asc. node	-3895 Nov 01 j 09:50	23°♎20'56	
evening set	-3895 Nov 02 j 00:59	22°♎56'29	
inferior conj	-3895 Nov 07 j 12:34	16°♎53'06	1°59'18
minimum elong	-3895 Nov 07 j 10:05	17°♎01'25	1°58'21
min. Earth dist.	-3895 Nov 08 j 08:35	15°♎46'18	0.66667 AU
morning rise	-3895 Nov 12 j 18:57	10°♎38'41	
direct	-3895 Nov 18 j 13:12	8°♎07'21	
morning max el	-3895 Nov 30 j 06:23	15°♎05'20	25°02'52
	-3895 Dec 12 j 13:12	0°♏	
desc. node	-3895 Dec 13 j 20:04	1°♏46'37	
	-3894 Jan 01 j 01:08	0°♐	
morning set	-3894 Jan 05 j 10:29	7°♐39'05	
max. Earth dist.	-3894 Jan 09 j 03:47	14°♐25'08	1.36995 AU
superior conj	-3894 Jan 15 j 10:36	26°♐25'46	-1°43'03
minimum elong	-3894 Jan 15 j 13:26	26°♐39'42	1°43'00
	-3894 Jan 17 j 05:55	0°♑	
evening rise	-3894 Jan 23 j 17:33	13°♑02'18	
asc. node	-3894 Jan 28 j 08:55	22°♑08'04	
	-3894 Feb 01 j 18:43	0°♒	
evening max el	-3894 Feb 09 j 23:09	10°♒50'34	19°30'06
retrograde	-3894 Feb 19 j 06:52	15°♒16'13	
evening set	-3894 Feb 21 j 14:44	15°♒00'54	
inferior conj	-3894 Mar 01 j 24:00	10°♒55'06	2°31'02
minimum elong	-3894 Mar 02 j 04:58	10°♒47'00	2°29'34
min. Earth dist.	-3894 Mar 04 j 16:42	9°♒10'40	0.56350 AU
morning rise	-3894 Mar 10 j 16:33	6°♒08'52	
desc. node	-3894 Mar 11 j 19:11	5°♒48'59	
direct	-3894 Mar 15 j 05:39	5°♒21'55	
morning max el	-3894 Mar 29 j 07:05	12°♒29'43	24°43'04
	-3894 Apr 11 j 17:58	0°♓	
morning set	-3894 Apr 24 j 00:20	23°♓04'17	
asc. node	-3894 Apr 26 j 08:29	28°♓02'46	
	-3894 Apr 27 j 06:15	0°♈	
superior conj	-3894 May 01 j 00:57	8°♈11'47	0°47'05
minimum elong	-3894 Apr 30 j 23:01	8°♈01'19	0°46'43
max. Earth dist.	-3894 May 02 j 10:35	11°♈13'35	1.33129 AU
evening rise	-3894 May 08 j 07:51	23°♈36'04	
	-3894 May 11 j 12:59	0°♉	
	-3894 May 29 j 11:37	0°♊	
desc. node	-3894 Jun 07 j 17:52	11°♊24'26	
evening max el	-3894 Jun 09 j 20:51	13°♊32'39	27°22'44
retrograde	-3894 Jun 23 j 16:40	20°♊56'16	
evening set	-3894 Jun 30 j 19:42	18°♊26'26	
min. Earth dist.	-3894 Jul 04 j 09:41	15°♊28'29	0.62655 AU
inferior conj	-3894 Jul 07 j 07:14	12°♊40'06	-4°02'17
minimum elong	-3894 Jul 07 j 10:17	12°♊32'41	4°01'41
morning rise	-3894 Jul 14 j 02:02	7°♊32'49	
direct	-3894 Jul 16 j 16:30	7°♊01'39	
asc. node	-3894 Jul 23 j 07:59	10°♊24'48	
morning max el	-3894 Jul 23 j 08:27	10°♊25'58	17°56'14
	-3894 Aug 05 j 09:02	0°♋	
morning set	-3894 Aug 08 j 19:01	6°♋04'13	
superior conj	-3894 Aug 20 j 05:17	26°♋00'44	1°23'44
minimum elong	-3894 Aug 20 j 10:38	26°♋23'22	1°23'22
	-3894 Aug 22 j 14:15	0°♌	
max. Earth dist.	-3894 Aug 27 j 01:08	7°♌19'44	1.43157 AU
desc. node	-3894 Sep 03 j 17:09	19°♌32'09	
evening rise	-3894 Sep 04 j 08:22	20°♌31'30	
	-3894 Sep 10 j 12:18	0°♍	
	-3894 Oct 01 j 19:44	0°♎	
evening max el	-3894 Oct 04 j 15:33	3°♎07'25	21°16'19
retrograde	-3894 Oct 13 j 06:34	8°♎14'07	
evening set	-3894 Oct 17 j 08:42	6°♎40'15	
asc. node	-3894 Oct 19 j 06:57	4°♎51'26	
inferior conj	-3894 Oct 22 j 17:26	0°♎28'20	1°09'31
minimum elong	-3894 Oct 22 j 15:53	0°♎33'41	1°08'53
min. Earth dist.	-3894 Oct 23 j 02:16	29°♍58'02	0.67204 AU
	-3894 Oct 23 j 01:42	30°℞♍	
morning rise	-3894 Oct 27 j 22:53	24°♍13'01	
direct	-3894 Nov 02 j 01:57	22°♍01'39	
morning max el	-3894 Nov 12 j 15:18	28°♍19'53	23°37'42
	-3894 Nov 14 j 05:27	0°♎	
desc. node	-3894 Nov 30 j 17:01	21°♎36'24	
	-3894 Dec 06 j 07:29	0°♏	
morning set	-3894 Dec 17 j 20:26	18°♏35'52	
max. Earth dist.	-3894 Dec 21 j 23:23	25°♏42'28	1.39014 AU
	-3894 Dec 24 j 09:23	0°♐	
superior conj	-3894 Dec 29 j 10:22	9°♐15'05	-1°53'21
minimum elong	-3894 Dec 29 j 11:41	9°♐21'17	1°53'29
evening rise	-3893 Jan 07 j 13:12	26°♐47'19	
	-3893 Jan 09 j 05:01	0°♑	
asc. node	-3893 Jan 15 j 05:58	11°♑09'12	
evening max el	-3893 Jan 23 j 22:55	23°♑13'00	18°42'45
retrograde	-3893 Jan 31 j 22:07	27°♑04'22	
evening set	-3893 Feb 03 j 09:17	26°♑43'38	
inferior conj	-3893 Feb 11 j 01:15	22°♑19'47	3°33'27
minimum elong	-3893 Feb 11 j 05:03	22°♑12'37	3°32'41
min. Earth dist.	-3893 Feb 14 j 09:08	19°♑50'44	0.58016 AU
morning rise	-3893 Feb 18 j 22:21	17°♑05'45	
direct	-3893 Feb 24 j 16:43	15°♑43'53	
desc. node	-3893 Feb 26 j 16:18	15°♑53'33	
morning max el	-3893 Mar 10 j 22:53	23°♑11'41	26°10'52
	-3893 Mar 17 j 01:17	0°♒	
	-3893 Apr 04 j 12:40	0°♓	
morning set	-3893 Apr 08 j 11:55	8°♓05'11	
asc. node	-3893 Apr 13 j 05:28	18°♓14'05	
superior conj	-3893 Apr 15 j 12:12	23°♓13'11	0°23'38
minimum elong	-3893 Apr 15 j 11:10	23°♓07'34	0°23'23
max. Earth dist.	-3893 Apr 15 j 22:38	24°♓10'17	1.32679 AU
	-3893 Apr 18 j 14:56	0°♈	
evening rise	-3893 Apr 22 j 13:34	8°♈22'00	
	-3893 May 03 j 23:29	0°♉	
evening max el	-3893 May 23 j 01:22	25°♉47'20	26°52'46
desc. node	-3893 May 25 j 14:58	28°♉04'17	
	-3893 May 28 j 05:02	0°♊	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3893 Jun 06 j 01:31	3°♊07'34	
evening set	-3893 Jun 12 j 19:24	1°♊07'01	
	-3893 Jun 14 j 12:48	30℞♉	
min. Earth dist.	-3893 Jun 16 j 14:54	28°♉24'22	0.60703 AU
inferior conj	-3893 Jun 19 j 22:05	25°♉36'25	-4°18'59
minimum elong	-3893 Jun 19 j 23:00	25°♉34'27	4°18'49
morning rise	-3893 Jun 27 j 04:24	20°♉50'15	
direct	-3893 Jun 29 j 17:19	20°♉24'50	
morning max el	-3893 Jul 06 j 20:58	23°♉55'07	18°07'04
asc. node	-3893 Jul 10 j 05:01	27°♉45'22	
	-3893 Jul 11 j 19:34	0°♊	
morning set	-3893 Jul 22 j 21:04	19°♊12'59	
	-3893 Jul 28 j 16:44	0°♋	
superior conj	-3893 Aug 01 j 20:07	7°♋29'06	1°42'43
minimum elong	-3893 Aug 01 j 23:03	7°♋42'10	1°42'43
max. Earth dist.	-3893 Aug 09 j 09:33	20°♋34'01	1.41506 AU
evening rise	-3893 Aug 15 j 00:30	29°♋48'57	
	-3893 Aug 15 j 03:15	0°♌	
desc. node	-3893 Aug 21 j 14:06	10°♌09'25	
	-3893 Sep 04 j 01:57	0°♍	
evening max el	-3893 Sep 17 j 08:43	16°♍33'18	22°33'18
retrograde	-3893 Sep 27 j 01:18	22°♍18'23	
evening set	-3893 Oct 01 j 16:28	20°♍25'21	
asc. node	-3893 Oct 06 j 04:04	15°♍16'35	
inferior conj	-3893 Oct 06 j 23:55	14°♍08'16	0°17'00
minimum elong	-3893 Oct 06 j 23:31	14°♍09'38	0°16'53
min. Earth dist.	-3893 Oct 06 j 22:20	14°♍13'43	0.67432 AU
morning rise	-3893 Oct 12 j 06:27	7°♍54'47	
direct	-3893 Oct 16 j 18:45	6°♍05'11	
morning max el	-3893 Oct 26 j 03:28	11°♍38'55	22°12'00
	-3893 Nov 09 j 13:25	0°♎	
desc. node	-3893 Nov 17 j 13:57	11°♎47'07	
morning set	-3893 Nov 28 j 01:48	28°♎08'47	
	-3893 Nov 29 j 05:18	0°♏	
max. Earth dist.	-3893 Dec 03 j 22:00	7°♏45'07	1.41070 AU
superior conj	-3893 Dec 11 j 15:37	21°♏06'59	-1°53'34
minimum elong	-3893 Dec 11 j 13:58	20°♏59'37	1°53'39
	-3893 Dec 16 j 13:33	0°♐	
evening rise	-3893 Dec 21 j 22:21	9°♐57'27	
asc. node	-3892 Jan 02 j 03:01	29°♐35'22	
	-3892 Jan 02 j 09:38	0°♑	
evening max el	-3892 Jan 07 j 05:47	6°♑01'30	18°15'28
retrograde	-3892 Jan 14 j 07:50	9°♑34'29	
evening set	-3892 Jan 16 j 22:02	9°♑06'59	
inferior conj	-3892 Jan 23 j 22:49	4°♑21'34	4°00'16
minimum elong	-3892 Jan 23 j 23:51	4°♑19'18	4°00'03
min. Earth dist.	-3892 Jan 27 j 06:12	1°♑29'15	0.59994 AU
	-3892 Jan 29 j 03:46	30℞♐	
morning rise	-3892 Jan 30 j 23:58	28°♐46'31	
direct	-3892 Feb 06 j 15:18	26°♐45'59	
desc. node	-3892 Feb 13 j 13:23	28°♐45'44	
	-3892 Feb 15 j 13:25	0°♑	
morning max el	-3892 Feb 20 j 20:00	4°♑24'08	27°13'23
	-3892 Mar 10 j 17:17	0°♒	
morning set	-3892 Mar 22 j 21:06	22°♒57'20	
	-3892 Mar 26 j 05:02	0°♓	
superior conj	-3892 Mar 29 j 23:53	8°♓13'45	-0°01'07
minimum elong	-3892 Mar 29 j 23:56	8°♓14'03	0°01'11
behind sun begin	-3892 Mar 29 j 18:56	7°♓46'42	
behind sun end	-3892 Mar 30 j 04:56	8°♓41'24	
max. Earth dist.	-3892 Mar 29 j 12:10	7°♓09'38	1.32565 AU
asc. node	-3892 Mar 30 j 02:27	8°♓27'52	
evening rise	-3892 Apr 05 j 23:06	23°♓17'10	
	-3892 Apr 09 j 05:37	0°♈	
	-3892 Apr 27 j 10:41	0°♉	
evening max el	-3892 May 03 j 23:24	7°♉18'25	25°51'38
desc. node	-3892 May 11 j 12:06	12°♉52'18	
retrograde	-3892 May 18 j 01:23	14°♉33'19	
evening set	-3892 May 23 j 21:56	13°♉10'30	
min. Earth dist.	-3892 May 28 j 11:50	10°♉26'22	0.58666 AU
inferior conj	-3892 May 31 j 19:39	7°♉59'52	-4°11'26
minimum elong	-3892 May 31 j 17:10	8°♉04'27	4°11'08
morning rise	-3892 Jun 08 j 15:04	3°♉35'38	
direct	-3892 Jun 11 j 03:13	3°♉14'57	
morning max el	-3892 Jun 19 j 04:19	7°♉03'29	18°37'46
asc. node	-3892 Jun 26 j 02:01	15°♉57'05	
	-3892 Jul 03 j 22:21	0°♊	
morning set	-3892 Jul 05 j 11:40	2°♊59'45	
superior conj	-3892 Jul 14 j 09:10	20°♊04'50	1°49'06
minimum elong	-3892 Jul 14 j 09:29	20°♊06'20	1°49'16
	-3892 Jul 19 j 19:11	0°♋	
max. Earth dist.	-3892 Jul 21 j 12:46	3°♋04'13	1.39580 AU
evening rise	-3892 Jul 25 j 16:59	10°♋15'58	
desc. node	-3892 Aug 07 j 11:06	0°♌37'03	
	-3892 Aug 07 j 01:17	0°♌	
	-3892 Aug 29 j 21:10	0°♍	
evening max el	-3892 Aug 29 j 21:21	0°♍00'27	23°54'04
retrograde	-3892 Sep 09 j 16:57	6°♍23'05	
evening set	-3892 Sep 14 j 22:34	4°♍10'22	
	-3892 Sep 18 j 16:07	30℞♌	
inferior conj	-3892 Sep 20 j 06:18	27°♌51'25	-0°36'33
minimum elong	-3892 Sep 20 j 07:09	27°♌48'31	0°36'06
min. Earth dist.	-3892 Sep 19 j 18:24	28°♌31'53	0.67351 AU
asc. node	-3892 Sep 22 j 01:09	25°♌28'52	
morning rise	-3892 Sep 25 j 15:42	21°♌42'43	
direct	-3892 Sep 29 j 14:44	20°♌13'51	
morning max el	-3892 Oct 07 j 21:52	25°♌06'09	20°53'08
	-3892 Oct 12 j 04:31	0°♍	
	-3892 Nov 02 j 00:21	0°♎	
desc. node	-3892 Nov 03 j 10:53	2°♎12'46	
morning set	-3892 Nov 06 j 06:49	6°♎36'08	
max. Earth dist.	-3892 Nov 15 j 03:38	20°♎41'59	1.42864 AU
	-3892 Nov 20 j 19:01	0°♏	
superior conj	-3892 Nov 21 j 20:44	1°♏48'02	-1°39'52
minimum elong	-3892 Nov 21 j 15:21	1°♏25'21	1°39'32
evening rise	-3892 Dec 03 j 17:13	22°♏25'00	
	-3892 Dec 07 j 23:43	0°♐	
asc. node	-3892 Dec 19 j 00:05	17°♐16'03	
evening max el	-3892 Dec 20 j 16:59	19°♐08'39	18°07'58
retrograde	-3892 Dec 27 j 08:20	22°♐36'44	
evening set	-3892 Dec 30 j 01:30	22°♐01'35	
inferior conj	-3891 Jan 05 j 14:02	16°♐54'57	3°59'41
minimum elong	-3891 Jan 05 j 12:41	16°♐58'21	3°59'26
min. Earth dist.	-3891 Jan 08 j 11:19	14°♐02'36	0.61970 AU
morning rise	-3891 Jan 11 j 22:47	11°♐05'16	
direct	-3891 Jan 18 j 23:38	8°♐33'29	
desc. node	-3891 Jan 30 j 10:27	13°♐57'06	
morning max el	-3891 Feb 01 j 23:32	16°♐17'30	27°41'29
	-3891 Feb 13 j 07:52	0°♑	
	-3891 Mar 03 j 06:32	0°♒	
morning set	-3891 Mar 07 j 01:52	7°♒33'38	
max. Earth dist.	-3891 Mar 12 j 23:12	19°♒57'15	1.32799 AU
superior conj	-3891 Mar 14 j 10:24	23°♒07'48	-0°26'18
minimum elong	-3891 Mar 14 j 11:35	23°♒14'14	0°26'09
asc. node	-3891 Mar 16 j 23:26	28°♒39'42	
	-3891 Mar 17 j 14:13	0°♓	
evening rise	-3891 Mar 21 j 10:29	8°♓14'39	
	-3891 Apr 01 j 20:44	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3891 Apr 15 j 16:08	18°♈13'51	24°27'31
desc. node	-3891 Apr 28 j 09:14	25°♈11'54	
retrograde	-3891 Apr 29 j 14:22	25°♈15'19	
evening set	-3891 May 04 j 03:47	24°♈28'25	
min. Earth dist.	-3891 May 10 j 04:03	21°♈27'28	0.56840 AU
inferior conj	-3891 May 12 j 21:21	19°♈42'59	-3°29'20
minimum elong	-3891 May 12 j 15:49	19°♈51'55	3°28'08
morning rise	-3891 May 21 j 07:00	15°♈37'14	
direct	-3891 May 23 j 18:27	15°♈20'24	
morning max el	-3891 Jun 02 j 03:46	19°♈42'03	19°28'51
	-3891 Jun 10 j 03:22	0°♉	
asc. node	-3891 Jun 12 j 23:02	4°♉48'12	
morning set	-3891 Jun 19 j 11:12	17°♉15'26	
	-3891 Jun 25 j 19:49	0°♊	
superior conj	-3891 Jun 27 j 14:44	3°♊31'49	1°45'45
minimum elong	-3891 Jun 27 j 13:12	3°♊24'20	1°45'49
max. Earth dist.	-3891 Jul 03 j 14:34	14°♊58'32	1.37649 AU
evening rise	-3891 Jul 07 j 11:08	21°♊58'42	
	-3891 Jul 12 j 02:13	0°♋	
desc. node	-3891 Jul 25 j 08:08	20°♋49'33	
	-3891 Jul 31 j 21:47	0°♌	
evening max el	-3891 Aug 12 j 08:00	13°♌30'07	25°11'36
retrograde	-3891 Aug 24 j 04:33	20°♌23'21	
evening set	-3891 Aug 30 j 01:08	17°♌52'53	
min. Earth dist.	-3891 Sep 03 j 12:04	12°♌50'09	0.66960 AU
inferior conj	-3891 Sep 04 j 10:49	11°♌35'31	-1°29'34
minimum elong	-3891 Sep 04 j 12:54	11°♌28'41	1°28'37
asc. node	-3891 Sep 08 j 22:15	6°♌25'53	
morning rise	-3891 Sep 10 j 00:44	5°♌34'29	
direct	-3891 Sep 13 j 12:35	4°♌23'45	
morning max el	-3891 Sep 20 j 23:28	8°♌41'37	19°45'55
	-3891 Oct 06 j 13:39	0°♍	
morning set	-3891 Oct 16 j 05:44	14°♍52'42	
desc. node	-3891 Oct 21 j 07:49	22°♍48'07	
	-3891 Oct 25 j 21:47	0°♎	
max. Earth dist.	-3891 Oct 28 j 15:43	4°♎21'07	1.44156 AU
superior conj	-3891 Nov 01 j 22:17	11°♎11'32	-1°09'26
minimum elong	-3891 Nov 01 j 15:19	10°♎43'28	1°08'42
	-3891 Nov 13 j 08:20	0°♏	
evening rise	-3891 Nov 15 j 17:10	3°♏59'41	
	-3891 Dec 02 j 01:53	0°♐	
evening max el	-3891 Dec 04 j 05:41	2°♐27'06	18°19'31
asc. node	-3891 Dec 05 j 21:11	3°♐57'31	
retrograde	-3891 Dec 10 j 19:02	6°♐01'19	
evening set	-3891 Dec 13 j 16:07	5°♐17'11	
inferior conj	-3891 Dec 19 j 19:01	29°♏51'10	3°40'01
minimum elong	-3891 Dec 19 j 16:17	29°♏58'49	3°39'24
	-3891 Dec 19 j 15:51	30°℞♏	
min. Earth dist.	-3891 Dec 22 j 02:09	27°♏17'36	0.63729 AU
morning rise	-3891 Dec 25 j 15:50	23°♏51'16	
direct	-3890 Jan 01 j 15:55	21°♏02'28	
morning max el	-3890 Jan 15 j 07:23	28°♏46'40	27°33'26
	-3890 Jan 16 j 12:16	0°♐	
desc. node	-3890 Jan 17 j 07:29	0°♐50'51	
	-3890 Feb 07 j 02:56	0°♑	
morning set	-3890 Feb 18 j 23:43	21°♑44'59	
	-3890 Feb 23 j 01:05	0°♒	
max. Earth dist.	-3890 Feb 24 j 03:43	2°♒19'04	1.33413 AU
superior conj	-3890 Feb 26 j 18:00	7°♒49'00	-0°51'00
minimum elong	-3890 Feb 26 j 20:13	8°♒00'51	0°50'42
asc. node	-3890 Mar 03 j 20:28	18°♒45'41	
evening rise	-3890 Mar 05 j 21:57	23°♒07'47	
	-3890 Mar 09 j 06:14	0°♓	
evening max el	-3890 Mar 28 j 08:34	28°♓56'35	22°53'36
	-3890 Mar 29 j 12:12	0°♈	
retrograde	-3890 Apr 10 j 14:41	5°♈27'21	
evening set	-3890 Apr 13 j 21:20	5°♈03'51	
desc. node	-3890 Apr 15 j 06:21	4°♈40'47	
min. Earth dist.	-3890 Apr 21 j 18:37	1°♈34'44	0.55577 AU
inferior conj	-3890 Apr 23 j 04:19	0°♈45'57	-2°06'51
minimum elong	-3890 Apr 22 j 23:06	0°♈53'32	2°05'14
	-3890 Apr 24 j 12:17	30°℞♓	
morning rise	-3890 May 02 j 03:04	26°♓48'43	
direct	-3890 May 04 j 16:05	26°♓33'23	
	-3890 May 13 j 16:43	0°♈	
morning max el	-3890 May 15 j 17:02	1°♈42'28	20°39'55
asc. node	-3890 May 30 j 20:04	24°♈09'19	
	-3890 Jun 02 j 18:46	0°♉	
morning set	-3890 Jun 03 j 17:01	1°♉53'12	
superior conj	-3890 Jun 11 j 08:08	17°♉36'47	1°35'10
minimum elong	-3890 Jun 11 j 05:40	17°♉24'10	1°35'03
max. Earth dist.	-3890 Jun 15 j 21:45	26°♉44'54	1.35937 AU
	-3890 Jun 17 j 14:01	0°♊	
evening rise	-3890 Jun 20 j 02:36	4°♊46'39	
	-3890 Jul 04 j 22:36	0°♋	
desc. node	-3890 Jul 12 j 05:12	10°♋40'15	
evening max el	-3890 Jul 25 j 19:01	27°♋01'48	26°17'46
	-3890 Jul 29 j 02:45	0°♌	
retrograde	-3890 Aug 07 j 11:28	4°♌14'20	
evening set	-3890 Aug 13 j 22:07	1°♌31'02	
	-3890 Aug 15 j 12:21	30°℞♋	
min. Earth dist.	-3890 Aug 18 j 00:57	27°♋06'09	0.66235 AU
inferior conj	-3890 Aug 19 j 11:40	25°♋18'38	-2°20'15
minimum elong	-3890 Aug 19 j 14:48	25°♋08'57	2°19'00
morning rise	-3890 Aug 25 j 07:42	19°♋28'30	
asc. node	-3890 Aug 26 j 19:20	18°♋47'58	
direct	-3890 Aug 28 j 10:44	18°♋32'32	
morning max el	-3890 Sep 04 j 07:34	22°♋24'15	18°53'23
	-3890 Sep 10 j 09:12	0°♌	
morning set	-3890 Sep 25 j 21:22	24°♌02'25	
	-3890 Sep 29 j 15:35	0°♍	
desc. node	-3890 Oct 08 j 04:47	13°♍29'44	
max. Earth dist.	-3890 Oct 11 j 08:26	18°♍27'41	1.44792 AU
superior conj	-3890 Oct 12 j 02:11	19°♍37'39	-0°24'32
minimum elong	-3890 Oct 11 j 22:59	19°♍25'03	0°24'05
	-3890 Oct 18 j 15:34	0°♎	
evening rise	-3890 Oct 27 j 17:45	14°♎33'13	
	-3890 Nov 06 j 08:05	0°♏	
evening max el	-3890 Nov 17 j 17:17	15°♏51'55	18°49'04
asc. node	-3890 Nov 22 j 18:17	19°♏24'52	
retrograde	-3890 Nov 24 j 12:09	19°♏41'45	
evening set	-3890 Nov 27 j 14:43	18°♏46'43	
inferior conj	-3890 Dec 03 j 10:12	13°♏03'46	3°07'23
minimum elong	-3890 Dec 03 j 07:02	13°♏13'24	3°06'28
min. Earth dist.	-3890 Dec 05 j 02:39	11°♏00'37	0.65156 AU
morning rise	-3890 Dec 08 j 23:00	6°♏56'32	
direct	-3890 Dec 15 j 14:46	4°♏05'51	
morning max el	-3890 Dec 28 j 16:54	11°♏41'10	26°53'07
desc. node	-3889 Jan 04 j 04:32	18°♏57'34	
	-3889 Jan 12 j 09:53	0°♐	
	-3889 Jan 30 j 15:14	0°♑	
morning set	-3889 Feb 02 j 11:19	5°♑20'44	
max. Earth dist.	-3889 Feb 06 j 22:16	14°♑06'44	1.34462 AU
superior conj	-3889 Feb 10 j 20:36	22°♑10'30	-1°14'01
minimum elong	-3889 Feb 10 j 23:34	22°♑25'56	1°13'42
	-3889 Feb 14 j 14:03	0°♒	
evening rise	-3889 Feb 18 j 07:45	7°♒50'24	
asc. node	-3889 Feb 18 j 17:31	8°♒40'57	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3889 Mar 02 j 07:56	0°♓	
evening max el	-3889 Mar 10 j 06:48	9°♓52'46	21°23'14
retrograde	-3889 Mar 22 j 05:04	15°♓36'07	
evening set	-3889 Mar 24 j 17:12	15°♓21'49	
desc. node	-3889 Apr 02 j 03:30	11°♓51'04	
inferior conj	-3889 Apr 03 j 00:15	11°♓21'53	-0°14'25
minimum elong	-3889 Apr 02 j 23:35	11°♓22'51	0°14'15
transit middle	-3889 Apr 02 j 23:35	11°♓22'51	0°14'15
transit begin	-3889 Apr 02 j 21:48	11°♓25'21	
transit end	-3889 Apr 03 j 01:22	11°♓20'20	
min. Earth dist.	-3889 Apr 03 j 08:38	11°♓10'05	0.55158 AU
morning rise	-3889 Apr 12 j 05:57	7°♓17'23	
direct	-3889 Apr 15 j 04:38	6°♓58'21	
morning max el	-3889 Apr 27 j 19:20	13°♓00'30	22°08'14
	-3889 May 10 j 10:02	0°♈	
asc. node	-3889 May 17 j 17:06	13°♈52'00	
morning set	-3889 May 19 j 02:48	16°♈45'33	
	-3889 May 25 j 09:25	0°♉	
superior conj	-3889 May 26 j 09:42	2°♉07'57	1°19'19
minimum elong	-3889 May 26 j 07:02	1°♉53'53	1°19'01
max. Earth dist.	-3889 May 29 j 14:39	8°♉47'46	1.34561 AU
evening rise	-3889 Jun 03 j 09:55	18°♉23'30	
	-3889 Jun 09 j 15:31	0°♊	
desc. node	-3889 Jun 29 j 02:16	29°♊58'57	
	-3889 Jun 29 j 02:36	0°♋	
evening max el	-3889 Jul 08 j 06:35	10°♋27'09	27°04'32
retrograde	-3889 Jul 21 j 12:58	17°♋48'29	
evening set	-3889 Jul 28 j 10:56	15°♋00'38	
min. Earth dist.	-3889 Aug 01 j 06:38	11°♋13'46	0.65145 AU
inferior conj	-3889 Aug 03 j 06:41	8°♋56'21	-3°06'26
minimum elong	-3889 Aug 03 j 10:26	8°♋45'36	3°05'12
morning rise	-3889 Aug 09 j 10:22	3°♋20'28	
direct	-3889 Aug 12 j 06:55	2°♋36'10	
asc. node	-3889 Aug 13 j 16:27	2°♋46'43	
morning max el	-3889 Aug 18 j 20:16	6°♋10'09	18°17'16
	-3889 Sep 03 j 22:30	0°♌	
morning set	-3889 Sep 06 j 16:02	4°♌31'09	
superior conj	-3889 Sep 21 j 03:26	28°♌00'33	0°24'50
minimum elong	-3889 Sep 21 j 06:29	28°♌12'43	0°24'31
	-3889 Sep 22 j 09:30	0°♍	
max. Earth dist.	-3889 Sep 24 j 02:46	2°♍43'18	1.44696 AU
desc. node	-3889 Sep 25 j 01:45	4°♍14'01	
evening rise	-3889 Oct 07 j 17:36	24°♍03'46	
	-3889 Oct 11 j 13:05	0°♎	
greatest brilliancy	-3889 Oct 19 j 08:46	12°♎04'10	-0.7m
evening max el	-3889 Nov 01 j 01:21	29°♎18'48	19°35'14
	-3889 Nov 01 j 17:48	0°♏	
retrograde	-3889 Nov 08 j 08:35	3°♏32'56	
asc. node	-3889 Nov 09 j 15:22	3°♏23'25	
evening set	-3889 Nov 11 j 18:37	2°♏24'42	
	-3889 Nov 14 j 11:19	30°℞♎	
inferior conj	-3889 Nov 17 j 08:34	26°♎27'43	2°26'00
minimum elong	-3889 Nov 17 j 05:41	26°♎37'05	2°24'58
min. Earth dist.	-3889 Nov 18 j 11:30	25°♎00'12	0.66213 AU
morning rise	-3889 Nov 22 j 16:32	20°♎15'26	
direct	-3889 Nov 28 j 19:19	17°♎34'54	
morning max el	-3889 Dec 11 j 02:12	24°♎49'45	25°48'07
	-3889 Dec 15 j 19:23	0°♏	
desc. node	-3889 Dec 22 j 01:34	7°♏55'41	
	-3888 Jan 05 j 20:50	0°♐	
morning set	-3888 Jan 16 j 08:16	18°♐07'46	
max. Earth dist.	-3888 Jan 20 j 05:22	25°♐24'13	1.35957 AU
	-3888 Jan 22 j 14:17	0°♑	
superior conj	-3888 Jan 25 j 15:37	6°♑04'28	-1°33'51
minimum elong	-3888 Jan 25 j 18:46	6°♑20'17	1°33'40
evening rise	-3888 Feb 02 j 13:56	22°♑16'26	
asc. node	-3888 Feb 05 j 14:32	28°♑20'33	
	-3888 Feb 06 j 10:55	0°♒	
evening max el	-3888 Feb 20 j 14:47	21°♒20'23	20°06'11
retrograde	-3888 Mar 01 j 20:52	26°♒12'28	
evening set	-3888 Mar 04 j 04:06	25°♒58'50	
inferior conj	-3888 Mar 12 j 22:59	21°♒58'57	1°38'01
minimum elong	-3888 Mar 13 j 02:56	21°♒52'58	1°36'40
min. Earth dist.	-3888 Mar 14 j 22:42	20°♒47'07	0.55675 AU
desc. node	-3888 Mar 19 j 00:37	18°♒36'15	
morning rise	-3888 Mar 21 j 23:52	17°♒30'41	
direct	-3888 Mar 25 j 20:08	16°♒58'14	
morning max el	-3888 Apr 08 j 13:13	23°♒45'51	23°46'37
	-3888 Apr 14 j 03:46	0°♓	
	-3888 May 01 j 18:15	0°♈	
morning set	-3888 May 02 j 14:39	1°♈46'19	
asc. node	-3888 May 03 j 14:08	3°♈50'02	
superior conj	-3888 May 09 j 16:41	16°♈56'40	0°59'40
minimum elong	-3888 May 09 j 14:22	16°♈44'12	0°59'18
max. Earth dist.	-3888 May 11 j 17:09	21°♈15'38	1.33553 AU
	-3888 May 15 j 21:47	0°♉	
evening rise	-3888 May 17 j 04:34	2°♉35'38	
	-3888 Jun 01 j 11:46	0°♊	
desc. node	-3888 Jun 14 j 23:20	18°♊32'09	
evening max el	-3888 Jun 19 j 17:06	23°♊34'00	27°24'50
	-3888 Jun 28 j 19:20	0°♋	
retrograde	-3888 Jul 03 j 08:41	0°♋57'42	
	-3888 Jul 07 j 16:02	30°℞♊	
evening set	-3888 Jul 10 j 12:27	28°♊17'02	
min. Earth dist.	-3888 Jul 14 j 03:08	25°♊04'08	0.63673 AU
inferior conj	-3888 Jul 16 j 17:15	22°♊23'35	-3°45'06
minimum elong	-3888 Jul 16 j 20:52	22°♊14'10	3°44'12
morning rise	-3888 Jul 23 j 06:08	17°♊05'14	
direct	-3888 Jul 25 j 22:20	16°♊29'53	
asc. node	-3888 Jul 30 j 13:33	18°♊15'37	
morning max el	-3888 Aug 01 j 11:05	19°♊54'48	17°58'40
	-3888 Aug 08 j 23:02	0°♋	
morning set	-3888 Aug 18 j 12:22	16°♋13'07	
	-3888 Aug 26 j 13:30	0°♌	
superior conj	-3888 Aug 30 j 23:28	7°♌21'01	1°06'14
minimum elong	-3888 Aug 31 j 05:15	7°♌44'48	1°05'43
max. Earth dist.	-3888 Sep 05 j 19:07	16°♌47'57	1.43894 AU
desc. node	-3888 Sep 10 j 22:40	24°♌57'55	
	-3888 Sep 14 j 04:01	0°♍	
evening rise	-3888 Sep 15 j 24:00	2°♍50'27	
	-3888 Oct 04 j 03:13	0°♎	
evening max el	-3888 Oct 14 j 03:56	12°♎44'40	20°35'58
retrograde	-3888 Oct 22 j 05:51	17°♎30'49	
evening set	-3888 Oct 26 j 01:30	16°♎06'52	
asc. node	-3888 Oct 26 j 12:29	15°♎45'28	
inferior conj	-3888 Oct 31 j 11:39	9°♎59'13	1°38'38
minimum elong	-3888 Oct 31 j 09:31	10°♎06'26	1°37'47
min. Earth dist.	-3888 Nov 01 j 02:40	9°♎08'20	0.66927 AU
morning rise	-3888 Nov 05 j 17:22	3°♎44'12	
direct	-3888 Nov 11 j 05:04	1°♎21'14	
morning max el	-3888 Nov 22 j 10:55	8°♎03'19	24°27'27
desc. node	-3888 Dec 07 j 22:31	27°♎29'22	
	-3888 Dec 09 j 16:22	0°♏	
morning set	-3888 Dec 28 j 08:46	29°♏49'07	
	-3888 Dec 28 j 11:15	0°♐	
max. Earth dist.	-3887 Jan 01 j 03:26	6°♐32'08	1.37828 AU
superior conj	-3887 Jan 07 j 23:35	19°♐20'00	-1°48'26
minimum elong	-3887 Jan 08 j 01:57	19°♐31'25	1°48'28

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3887 Jan 13 j 10:03	0°♑	
evening rise	-3887 Jan 16 j 14:10	6°♑18'07	
asc. node	-3887 Jan 22 j 11:34	17°♑37'36	
	-3887 Jan 30 j 07:57	0°♒	
evening max el	-3887 Feb 02 j 09:08	3°♒23'14	19°07'29
retrograde	-3887 Feb 11 j 01:57	7°♒32'54	
evening set	-3887 Feb 13 j 11:01	7°♒15'36	
inferior conj	-3887 Feb 21 j 12:46	3°♒02'34	3°02'10
minimum elong	-3887 Feb 21 j 17:36	2°♒54'11	3°00'56
min. Earth dist.	-3887 Feb 24 j 13:54	0°♒57'08	0.56996 AU
	-3887 Feb 26 j 01:45	30°℞♑	
morning rise	-3887 Mar 01 j 21:32	28°♑03'36	
desc. node	-3887 Mar 05 j 21:44	27°♑06'04	
direct	-3887 Mar 06 j 23:13	27°♑03'23	
	-3887 Mar 15 j 18:50	0°♒	
morning max el	-3887 Mar 21 j 04:13	4°♒21'20	25°22'39
	-3887 Apr 08 j 12:49	0°♓	
morning set	-3887 Apr 17 j 02:48	16°♓48'44	
asc. node	-3887 Apr 20 j 11:07	23°♓57'35	
	-3887 Apr 23 j 05:47	0°♈	
superior conj	-3887 Apr 24 j 02:55	1°♈55'09	0°37'20
minimum elong	-3887 Apr 24 j 01:20	1°♈46'33	0°37'01
max. Earth dist.	-3887 Apr 25 j 02:34	4°♈03'47	1.32898 AU
evening rise	-3887 May 01 j 07:01	17°♈11'28	
	-3887 May 07 j 19:57	0°♉	
	-3887 May 27 j 07:45	0°♊	
desc. node	-3887 Jun 01 j 20:26	6°♊00'40	
evening max el	-3887 Jun 02 j 00:17	6°♊09'56	27°13'51
retrograde	-3887 Jun 15 j 22:08	13°♊32'48	
evening set	-3887 Jun 22 j 22:50	11°♊13'32	
min. Earth dist.	-3887 Jun 26 j 13:43	8°♊24'20	0.61852 AU
inferior conj	-3887 Jun 29 j 16:17	5°♊33'28	-4°11'43
minimum elong	-3887 Jun 29 j 18:37	5°♊28'06	4°11'21
morning rise	-3887 Jul 06 j 15:51	0°♊35'19	
direct	-3887 Jul 09 j 05:29	0°♊06'50	
morning max el	-3887 Jul 16 j 01:21	3°♊32'12	17°58'30
asc. node	-3887 Jul 17 j 10:37	5°♊00'06	
morning set	-3887 Aug 01 j 05:09	28°♊54'13	
	-3887 Aug 01 j 19:38	0°♋	
superior conj	-3887 Aug 11 j 23:10	18°♋04'21	1°33'30
minimum elong	-3887 Aug 12 j 03:38	18°♋23'39	1°33'18
	-3887 Aug 19 j 00:48	0°♌	
max. Earth dist.	-3887 Aug 19 j 06:30	0°♌23'28	1.42497 AU
evening rise	-3887 Aug 26 j 06:57	11°♌41'14	
desc. node	-3887 Aug 28 j 19:38	15°♌38'42	
	-3887 Sep 07 j 06:48	0°♍	
evening max el	-3887 Sep 27 j 00:19	26°♍09'55	21°48'14
	-3887 Oct 01 j 13:05	0°♎	
retrograde	-3887 Oct 06 j 02:03	1°♎33'23	
evening set	-3887 Oct 10 j 09:26	29°♍51'32	
	-3887 Oct 10 j 05:06	30°℞♍	
asc. node	-3887 Oct 13 j 09:35	26°♍43'19	
inferior conj	-3887 Oct 15 j 17:25	23°♍36'44	0°47'30
minimum elong	-3887 Oct 15 j 16:20	23°♍40'29	0°47'03
min. Earth dist.	-3887 Oct 15 j 21:44	23°♍21'50	0.67329 AU
morning rise	-3887 Oct 20 j 23:05	17°♍21'40	
direct	-3887 Oct 25 j 19:37	15°♍19'40	
morning max el	-3887 Nov 04 j 20:56	21°♍19'47	23°00'53
	-3887 Nov 12 j 07:10	0°♎	
desc. node	-3887 Nov 24 j 19:27	17°♎28'41	
	-3887 Dec 02 j 23:46	0°♏	
morning set	-3887 Dec 09 j 06:49	10°♏10'19	
max. Earth dist.	-3887 Dec 13 j 23:11	18°♏04'25	1.39895 AU
	-3887 Dec 20 j 16:54	0°♐	
superior conj	-3887 Dec 21 j 16:05	1°♐45'52	-1°54'55
minimum elong	-3887 Dec 21 j 16:19	1°♐46'57	1°55'03
evening rise	-3887 Dec 31 j 05:44	19°♐48'44	
	-3886 Jan 05 j 15:55	0°♑	
asc. node	-3886 Jan 09 j 08:35	6°♑24'44	
evening max el	-3886 Jan 16 j 12:13	15°♑57'18	18°28'44
retrograde	-3886 Jan 24 j 01:14	19°♑39'07	
evening set	-3886 Jan 26 j 13:36	19°♑15'47	
inferior conj	-3886 Feb 02 j 22:48	14°♑43'11	3°48'44
minimum elong	-3886 Feb 03 j 01:29	14°♑37'48	3°48'16
min. Earth dist.	-3886 Feb 06 j 08:11	12°♑01'00	0.58836 AU
morning rise	-3886 Feb 10 j 11:07	9°♑18'56	
direct	-3886 Feb 16 j 15:41	7°♑40'09	
desc. node	-3886 Feb 20 j 18:49	8°♑22'45	
morning max el	-3886 Mar 02 j 22:00	15°♑14'06	26°41'09
	-3886 Mar 14 j 20:39	0°♒	
	-3886 Mar 31 j 17:05	0°♓	
morning set	-3886 Apr 01 j 13:35	1°♓46'29	
asc. node	-3886 Apr 07 j 08:05	14°♓10'10	
superior conj	-3886 Apr 08 j 14:34	16°♓56'53	0°13'15
minimum elong	-3886 Apr 08 j 13:58	16°♓53'40	0°13'05
behind sun begin	-3886 Apr 08 j 11:10	16°♓38'19	
behind sun end	-3886 Apr 08 j 16:47	17°♓09'02	
max. Earth dist.	-3886 Apr 08 j 15:31	17°♓02'09	1.32588 AU
	-3886 Apr 14 j 15:23	0°♈	
evening rise	-3886 Apr 15 j 14:37	2°♈01'55	
	-3886 Apr 30 j 20:40	0°♉	
evening max el	-3886 May 15 j 02:02	18°♉05'42	26°30'11
desc. node	-3886 May 19 j 17:33	21°♉57'07	
retrograde	-3886 May 29 j 03:49	25°♉24'54	
evening set	-3886 Jun 04 j 13:53	23°♉39'53	
min. Earth dist.	-3886 Jun 08 j 15:18	20°♉58'28	0.59827 AU
inferior conj	-3886 Jun 12 j 00:12	18°♉16'46	-4°19'23
minimum elong	-3886 Jun 11 j 23:48	18°♉17'36	4°19'16
morning rise	-3886 Jun 19 j 11:57	13°♉40'06	
direct	-3886 Jun 22 j 00:17	13°♉16'58	
morning max el	-3886 Jun 29 j 12:04	16°♉53'43	18°17'38
asc. node	-3886 Jul 04 j 07:39	22°♉43'59	
	-3886 Jul 08 j 20:12	0°♊	
morning set	-3886 Jul 15 j 13:03	12°♊20'08	
	-3886 Jul 24 j 23:29	0°♋	
superior conj	-3886 Jul 25 j 00:11	0°♋03'13	1°46'47
minimum elong	-3886 Jul 25 j 01:57	0°♋11'15	1°46'54
max. Earth dist.	-3886 Aug 01 j 11:56	13°♋16'51	1.40701 AU
evening rise	-3886 Aug 06 j 08:40	21°♋25'51	
	-3886 Aug 11 j 16:36	0°♌	
desc. node	-3886 Aug 15 j 16:38	6°♌12'17	
	-3886 Sep 01 j 10:07	0°♍	
evening max el	-3886 Sep 09 j 15:15	9°♍35'42	23°07'39
retrograde	-3886 Sep 19 j 19:38	15°♍37'38	
evening set	-3886 Sep 24 j 16:41	13°♍36'25	
inferior conj	-3886 Sep 30 j 00:04	7°♍18'06	-0°05'40
minimum elong	-3886 Sep 30 j 00:12	7°♍17'39	0°05'33
transit middle	-3886 Sep 30 j 00:12	7°♍17'39	0°05'33
transit begin	-3886 Sep 29 j 21:39	7°♍26'24	
transit end	-3886 Sep 30 j 02:44	7°♍08'54	
min. Earth dist.	-3886 Sep 29 j 18:12	7°♍38'18	0.67432 AU
asc. node	-3886 Sep 30 j 06:41	6°♍55'19	
morning rise	-3886 Oct 05 j 07:35	1°♍06'00	
	-3886 Oct 07 j 01:23	30°℞♌	
direct	-3886 Oct 09 j 14:02	29°♌25'19	
	-3886 Oct 12 j 06:18	0°♍	
morning max el	-3886 Oct 18 j 11:20	4°♍41'06	21°37'10
	-3886 Nov 06 j 12:30	0°♎	
desc. node	-3886 Nov 11 j 16:24	7°♎45'59	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3886 Nov 19 j 00:23	19°♎09'50	
	-3886 Nov 25 j 17:17	0°♏	
max. Earth dist.	-3886 Nov 25 j 23:52	0°♏27'08	1.41878 AU
superior conj	-3886 Dec 03 j 11:42	13°♏08'37	-1°49'41
minimum elong	-3886 Dec 03 j 08:27	12°♏54'29	1°49'38
	-3886 Dec 12 j 22:04	0°♐	
evening rise	-3886 Dec 14 j 09:15	2°♐40'49	
asc. node	-3886 Dec 27 j 05:38	24°♐32'38	
evening max el	-3886 Dec 30 j 21:19	28°♐54'35	18°10'01
	-3885 Jan 01 j 02:02	0°♑	
retrograde	-3885 Jan 06 j 17:32	2°♑23'38	
evening set	-3885 Jan 09 j 09:02	1°♑52'58	
	-3885 Jan 12 j 15:39	30°℞♐	
inferior conj	-3885 Jan 16 j 04:16	26°♐58'40	4°02'50
minimum elong	-3885 Jan 16 j 04:11	26°♐58'53	4°02'39
min. Earth dist.	-3885 Jan 19 j 08:20	24°♐03'29	0.60849 AU
morning rise	-3885 Jan 22 j 21:55	21°♐16'59	
direct	-3885 Jan 29 j 18:57	19°♐01'21	
desc. node	-3885 Feb 07 j 15:54	22°♐18'04	
morning max el	-3885 Feb 12 j 21:40	26°♐42'35	27°29'48
	-3885 Feb 16 j 00:53	0°♑	
	-3885 Mar 08 j 08:09	0°♒	
morning set	-3885 Mar 16 j 21:11	16°♒32'59	
max. Earth dist.	-3885 Mar 23 j 04:23	29°♒58'03	1.32616 AU
	-3885 Mar 23 j 04:45	0°♓	
superior conj	-3885 Mar 24 j 02:00	1°♓55'55	-0°11'47
minimum elong	-3885 Mar 24 j 02:32	1°♓58'50	0°11'45
behind sun begin	-3885 Mar 23 j 23:08	1°♓40'17	
behind sun end	-3885 Mar 24 j 05:56	2°♓17'23	
asc. node	-3885 Mar 25 j 05:05	4°♓23'49	
evening rise	-3885 Mar 31 j 01:12	16°♓59'28	
	-3885 Apr 06 j 13:10	0°♈	
evening max el	-3885 Apr 26 j 21:47	29°♈21'28	25°18'06
	-3885 Apr 27 j 14:13	0°♉	
desc. node	-3885 May 06 j 14:41	5°♉47'11	
retrograde	-3885 May 10 j 23:21	6°♉31'41	
evening set	-3885 May 16 j 07:16	5°♉25'26	
min. Earth dist.	-3885 May 21 j 10:09	2°♉35'32	0.57845 AU
inferior conj	-3885 May 24 j 13:41	0°♉24'56	-3°58'27
minimum elong	-3885 May 24 j 09:42	0°♉31'53	3°57'49
	-3885 May 25 j 04:03	30°℞♈	
morning rise	-3885 Jun 01 j 15:01	26°♈08'51	
direct	-3885 Jun 04 j 02:48	25°♈49'56	
morning max el	-3885 Jun 12 j 16:25	29°♈51'00	18°56'53
	-3885 Jun 12 j 20:13	0°♉	
asc. node	-3885 Jun 21 j 04:41	11°♉14'17	
morning set	-3885 Jun 29 j 07:56	26°♉20'53	
	-3885 Jul 01 j 04:28	0°♊	
superior conj	-3885 Jul 07 j 20:58	13°♊02'48	1°48'42
minimum elong	-3885 Jul 07 j 20:24	13°♊00'03	1°48'51
max. Earth dist.	-3885 Jul 14 j 14:03	25°♊30'23	1.38755 AU
	-3885 Jul 17 j 02:50	0°♋	
evening rise	-3885 Jul 18 j 12:33	2°♋26'36	
desc. node	-3885 Aug 02 j 13:39	26°♋34'14	
	-3885 Aug 04 j 21:40	0°♌	
evening max el	-3885 Aug 23 j 02:58	23°♌04'38	24°27'54
retrograde	-3885 Sep 03 j 09:33	29°♌40'44	
evening set	-3885 Sep 08 j 21:31	27°♌20'20	
min. Earth dist.	-3885 Sep 13 j 13:34	21°♌56'40	0.67232 AU
inferior conj	-3885 Sep 14 j 05:54	21°♌01'52	-0°59'13
minimum elong	-3885 Sep 14 j 07:17	20°♌57'12	0°58'32
asc. node	-3885 Sep 17 j 03:49	17°♌20'03	
morning rise	-3885 Sep 19 j 17:01	14°♌55'57	
direct	-3885 Sep 23 j 11:08	13°♌34'58	
morning max el	-3885 Oct 01 j 08:40	18°♌11'13	20°22'46
	-3885 Oct 10 j 17:32	0°♍	
morning set	-3885 Oct 28 j 23:46	27°♍23'21	
desc. node	-3885 Oct 29 j 13:22	28°♍16'03	
	-3885 Oct 30 j 16:06	0°♎	
max. Earth dist.	-3885 Nov 08 j 08:40	13°♎44'27	1.43492 AU
superior conj	-3885 Nov 14 j 05:11	23°♎16'22	-1°29'01
minimum elong	-3885 Nov 13 j 22:36	22°♎49'16	1°28'29
	-3885 Nov 18 j 06:01	0°♏	
evening rise	-3885 Nov 26 j 20:36	14°♏46'30	
	-3885 Dec 05 j 17:06	0°♐	
asc. node	-3885 Dec 14 j 02:43	11°♐49'38	
evening max el	-3885 Dec 14 j 09:32	12°♐07'07	18°10'39
retrograde	-3885 Dec 20 j 22:51	15°♐36'16	
evening set	-3885 Dec 23 j 17:40	14°♐57'18	
inferior conj	-3885 Dec 30 j 01:46	9°♐42'02	3°53'15
minimum elong	-3885 Dec 29 j 23:42	9°♐47'29	3°52'52
min. Earth dist.	-3884 Jan 01 j 17:13	6°♐56'03	0.62754 AU
morning rise	-3884 Jan 05 j 04:57	3°♐47'53	
direct	-3884 Jan 12 j 06:40	1°♐07'09	
desc. node	-3884 Jan 25 j 12:58	8°♐16'41	
morning max el	-3884 Jan 26 j 03:11	8°♐51'11	27°42'30
	-3884 Feb 11 j 13:33	0°♑	
	-3884 Feb 28 j 11:32	0°♒	
morning set	-3884 Feb 28 j 23:20	0°♒59'21	
max. Earth dist.	-3884 Mar 05 j 13:15	12°♒36'31	1.33009 AU
superior conj	-3884 Mar 07 j 11:29	16°♒44'58	-0°36'53
minimum elong	-3884 Mar 07 j 13:08	16°♒53'51	0°36'40
asc. node	-3884 Mar 11 j 02:05	24°♒33'32	
	-3884 Mar 13 j 14:56	0°♓	
evening rise	-3884 Mar 14 j 12:50	1°♓55'51	
	-3884 Mar 30 j 02:46	0°♈	
evening max el	-3884 Apr 07 j 13:45	10°♈08'20	23°48'01
retrograde	-3884 Apr 21 j 06:33	16°♈58'29	
desc. node	-3884 Apr 22 j 11:49	16°♈55'08	
evening set	-3884 Apr 25 j 06:21	16°♈23'18	
min. Earth dist.	-3884 May 02 j 01:06	13°♈12'06	0.56221 AU
inferior conj	-3884 May 04 j 06:58	11°♈50'15	-2°59'14
minimum elong	-3884 May 04 j 00:59	11°♈59'24	2°57'41
morning rise	-3884 May 12 j 22:32	7°♈49'46	
direct	-3884 May 15 j 10:25	7°♈33'49	
morning max el	-3884 May 25 j 11:40	12°♈13'44	19°56'40
	-3884 Jun 06 j 21:35	0°♉	
asc. node	-3884 Jun 07 j 01:44	0°♉19'11	
morning set	-3884 Jun 12 j 10:29	10°♉47'04	
superior conj	-3884 Jun 20 j 08:06	26°♉47'26	1°42'01
minimum elong	-3884 Jun 20 j 06:05	26°♉37'18	1°42'00
	-3884 Jun 21 j 22:57	0°♊	
max. Earth dist.	-3884 Jun 25 j 17:54	7°♊19'50	1.36894 AU
evening rise	-3884 Jun 29 j 16:27	14°♊38'40	
	-3884 Jul 08 j 14:11	0°♋	
desc. node	-3884 Jul 19 j 10:43	16°♋38'27	
	-3884 Jul 29 j 13:20	0°♌	
evening max el	-3884 Aug 04 j 13:43	6°♌35'56	25°41'31
retrograde	-3884 Aug 16 j 19:05	13°♌38'02	
evening set	-3884 Aug 22 j 22:00	11°♌01'10	
min. Earth dist.	-3884 Aug 27 j 05:25	6°♌14'37	0.66704 AU
inferior conj	-3884 Aug 28 j 09:07	4°♌45'47	-1°51'29
minimum elong	-3884 Aug 28 j 11:41	4°♌37'34	1°50'22
	-3884 Sep 01 j 12:58	30°℞♋	
morning rise	-3884 Sep 03 j 01:28	28°♋49'12	
asc. node	-3884 Sep 03 j 00:56	28°♋50'04	
direct	-3884 Sep 06 j 09:21	27°♋45'07	
	-3884 Sep 11 j 13:19	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3884 Sep 13 j 13:18	1°♌50'20	19°21'38	
	-3884 Oct 03 j 08:05	0°♍		
morning set	-3884 Oct 07 j 03:40	5°♍57'12		
desc. node	-3884 Oct 15 j 10:20	18°♍54'36		
max. Earth dist.	-3884 Oct 20 j 23:44	27°♍40'01	1.44516 AU	
	-3884 Oct 22 j 11:05	0°♎		
superior conj	-3884 Oct 23 j 19:59	2°♎10'43	-0°51'43	
minimum elong	-3884 Oct 23 j 13:56	1°♎46'39	0°50'59	
evening rise	-3884 Nov 07 j 11:09	25°♎56'39		
	-3884 Nov 09 j 21:51	0°♏		
evening max el	-3884 Nov 26 j 22:03	25°♏28'42	18°29'55	
asc. node	-3884 Nov 29 j 23:49	28°♏01'40		
retrograde	-3884 Dec 03 j 12:53	29°♏08'39		
evening set	-3884 Dec 06 j 12:05	28°♏20'03		
inferior conj	-3884 Dec 12 j 11:32	22°♏46'10	3°27'28	
minimum elong	-3884 Dec 12 j 08:31	22°♏54'57	3°26'43	
min. Earth dist.	-3884 Dec 14 j 12:13	20°♏24'49	0.64376 AU	
morning rise	-3884 Dec 18 j 04:29	16°♏42'46		
direct	-3884 Dec 25 j 01:38	13°♏51'49		
morning max el	-3883 Jan 07 j 12:17	21°♏33'21	27°19'59	
desc. node	-3883 Jan 11 j 10:00	25°♏44'36		
	-3883 Jan 14 j 22:39	0°♐		
	-3883 Feb 03 j 16:19	0°♑		
morning set	-3883 Feb 11 j 17:16	14°♑56'44		
max. Earth dist.	-3883 Feb 16 j 14:08	24°♑45'16	1.33806 AU	
	-3883 Feb 19 j 02:24	0°♒		
superior conj	-3883 Feb 19 j 17:12	1°♒18'07	-1°01'02	
minimum elong	-3883 Feb 19 j 19:47	1°♒31'48	1°00'43	
asc. node	-3883 Feb 25 j 23:06	14°♒35'11		
evening rise	-3883 Feb 26 j 23:49	16°♒45'01		
	-3883 Mar 05 j 15:54	0°♓		
evening max el	-3883 Mar 20 j 07:42	20°♓52'21	22°13'58	
retrograde	-3883 Apr 02 j 01:57	27°♓05'03		
evening set	-3883 Apr 04 j 22:58	26°♓46'45		
desc. node	-3883 Apr 09 j 08:56	25°♓15'46		
min. Earth dist.	-3883 Apr 13 j 15:03	23°♓01'32	0.55285 AU	
inferior conj	-3883 Apr 14 j 07:42	22°♓37'58	-1°21'20	
minimum elong	-3883 Apr 14 j 04:02	22°♓43'09	1°20'09	
morning rise	-3883 Apr 23 j 10:37	18°♓40'17		
direct	-3883 Apr 26 j 02:17	18°♓24'21		
morning max el	-3883 May 07 j 20:12	23°♓55'29	21°15'46	
	-3883 May 13 j 05:02	0°♈		
asc. node	-3883 May 24 j 22:45	19°♈49'52		
morning set	-3883 May 27 j 18:12	25°♈31'30		
	-3883 May 29 j 21:57	0°♉		
superior conj	-3883 Jun 04 j 05:21	11°♉04'34	1°29'00	
minimum elong	-3883 Jun 04 j 02:43	10°♉50'55	1°28'48	
max. Earth dist.	-3883 Jun 08 j 04:49	19°♉10'13	1.35305 AU	
evening rise	-3883 Jun 12 j 15:13	27°♉48'35		
	-3883 Jun 13 j 19:06	0°♊		
	-3883 Jul 01 j 20:26	0°♋		
desc. node	-3883 Jul 06 j 07:46	6°♋16'52		
evening max el	-3883 Jul 18 j 00:47	20°♋05'09	26°40'22	
retrograde	-3883 Jul 30 j 23:48	27°♋23'00		
evening set	-3883 Aug 06 j 15:52	24°♋36'09		
min. Earth dist.	-3883 Aug 10 j 15:23	20°♋27'55	0.65820 AU	
inferior conj	-3883 Aug 12 j 07:45	18°♋26'47	-2°40'34	
minimum elong	-3883 Aug 12 j 11:13	18°♋16'24	2°39'17	
morning rise	-3883 Aug 18 j 06:54	12°♋42'38		
asc. node	-3883 Aug 20 j 22:03	11°♋52'54		
direct	-3883 Aug 21 j 06:50	11°♋52'09		
morning max el	-3883 Aug 27 j 23:44	15°♋35'14	18°35'56	
	-3883 Sep 07 j 12:06	0°♌		
morning set	-3883 Sep 17 j 06:21	15°♌39'29		
	-3883 Sep 26 j 05:15	0°♍		
desc. node	-3883 Oct 02 j 07:16	9°♍37'36		
superior conj	-3883 Oct 02 j 19:49	10°♍27'03	-0°03'20	
minimum elong	-3883 Oct 02 j 19:23	10°♍25'21	0°03'13	
behind sun begin	-3883 Oct 02 j 08:10	9°♍41'09		
behind sun end	-3883 Oct 03 j 06:36	11°♍09'33		
max. Earth dist.	-3883 Oct 03 j 17:25	11°♍52'11	1.44838 AU	
	-3883 Oct 15 j 05:28	0°♎		
evening rise	-3883 Oct 19 j 01:02	6°♎02'40		
greatest brilliancy	-3883 Oct 27 j 09:53	19°♎18'23	-0.8m	
	-3883 Nov 03 j 09:47	0°♏		
evening max el	-3883 Nov 10 j 08:19	8°♏54'06	19°06'44	
asc. node	-3883 Nov 16 j 20:56	12°♏52'34		
retrograde	-3883 Nov 17 j 07:49	12°♏53'44		
evening set	-3883 Nov 20 j 13:13	11°♏53'31		
inferior conj	-3883 Nov 26 j 06:07	6°♏04'06	2°50'42	
minimum elong	-3883 Nov 26 j 03:00	6°♏13'53	2°49'43	
min. Earth dist.	-3883 Nov 27 j 16:38	4°♏15'38	0.65646 AU	
morning rise	-3883 Dec 01 j 16:28	29°♎54'08		
	-3883 Dec 01 j 13:49	30°℞♎		
direct	-3883 Dec 08 j 02:59	27°♎06'34		
	-3883 Dec 15 j 14:12	0°♏		
morning max el	-3883 Dec 20 j 22:01	4°♏35'34	26°27'57	
desc. node	-3883 Dec 29 j 07:01	14°♏15'06		
	-3882 Jan 09 j 10:11	0°♐		
morning set	-3882 Jan 25 j 23:13	28°♐13'15		
	-3882 Jan 26 j 21:46	0°♑		
max. Earth dist.	-3882 Jan 30 j 03:44	6°♑18'01	1.35042 AU	
superior conj	-3882 Feb 03 j 16:52	15°♑28'14	-1°22'56	
minimum elong	-3882 Feb 03 j 20:00	15°♑44'19	1°22'41	
	-3882 Feb 10 j 16:39	0°♒		
evening rise	-3882 Feb 11 j 08:16	1°♒20'39		
asc. node	-3882 Feb 12 j 20:07	4°♒24'01		
	-3882 Feb 28 j 11:06	0°♓		
evening max el	-3882 Mar 02 j 09:40	1°♓59'47	20°48'26	
retrograde	-3882 Mar 13 j 15:36	7°♓21'24		
evening set	-3882 Mar 15 j 24:00	7°♓08'16		
inferior conj	-3882 Mar 25 j 02:59	3°♓10'26	0°35'17	
minimum elong	-3882 Mar 25 j 04:35	3°♓08'08	0°34'40	
min. Earth dist.	-3882 Mar 26 j 05:17	2°♓32'38	0.55258 AU	
desc. node	-3882 Mar 27 j 06:02	1°♓57'35		
	-3882 Mar 31 j 04:04	30°℞♒		
morning rise	-3882 Apr 03 j 08:10	28°♒57'06		
direct	-3882 Apr 06 j 14:16	28°♒34'01		
	-3882 Apr 12 j 18:22	0°♓		
morning max el	-3882 Apr 19 j 18:31	4°♓57'53	22°49'35	
	-3882 May 06 j 23:59	0°♈		
asc. node	-3882 May 11 j 19:45	9°♈39'31		
morning set	-3882 May 12 j 05:03	10°♈27'56		
superior conj	-3882 May 19 j 09:31	25°♈44'21	1°11'23	
minimum elong	-3882 May 19 j 06:56	25°♈30'38	1°11'03	
	-3882 May 21 j 09:58	0°♉		
max. Earth dist.	-3882 May 22 j 01:40	1°♉22'04	1.34078 AU	
evening rise	-3882 May 27 j 03:49	11°♉42'03		
	-3882 Jun 06 j 02:38	0°♊		
desc. node	-3882 Jun 23 j 04:49	25°♊18'35		
	-3882 Jun 27 j 04:56	0°♋		
evening max el	-3882 Jun 30 j 12:04	3°♋24'19	27°16'48	
retrograde	-3882 Jul 13 j 23:13	10°♋48'11		
evening set	-3882 Jul 21 j 00:22	8°♋01'39		
min. Earth dist.	-3882 Jul 24 j 17:27	4°♋30'01	0.64559 AU	
inferior conj	-3882 Jul 26 j 23:31	2°♋01'22	-3°24'00	
minimum elong	-3882 Jul 27 j 03:21	1°♋50'51	3°22'52	
	-3882 Jul 28 j 20:54	30°℞♊		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3882 Aug 02 j 06:57	26°♊32'34	
direct	-3882 Aug 05 j 01:16	25°♊52'31	
asc. node	-3882 Aug 07 j 19:08	26°♊31'49	
morning max el	-3882 Aug 11 j 13:42	29°♊21'58	18°07'09
	-3882 Aug 12 j 04:20	0°♋	
morning set	-3882 Aug 29 j 12:33	26°♋41'27	
	-3882 Aug 31 j 11:45	0°♌	
superior conj	-3882 Sep 12 j 03:11	19°♌09'52	0°43'54
minimum elong	-3882 Sep 12 j 08:00	19°♌29'16	0°43'24
max. Earth dist.	-3882 Sep 16 j 10:50	26°♌03'59	1.44438 AU
	-3882 Sep 18 j 22:31	0°♍	
desc. node	-3882 Sep 19 j 04:14	0°♍22'30	
evening rise	-3882 Sep 28 j 15:55	15°♍10'36	
	-3882 Oct 08 j 07:33	0°♎	
greatest brilliancy	-3882 Oct 12 j 01:56	5°♎40'10	-0.7m
evening max el	-3882 Oct 24 j 14:14	22°♎20'53	19°59'24
retrograde	-3882 Nov 01 j 04:50	26°♎47'53	
asc. node	-3882 Nov 03 j 18:03	26°♎10'07	
evening set	-3882 Nov 04 j 18:36	25°♎33'28	
inferior conj	-3882 Nov 10 j 06:46	19°♎31'43	2°06'29
minimum elong	-3882 Nov 10 j 04:09	19°♎40'22	2°05'30
min. Earth dist.	-3882 Nov 11 j 04:33	18°♎19'27	0.66564 AU
morning rise	-3882 Nov 15 j 13:29	13°♎17'48	
direct	-3882 Nov 21 j 10:02	10°♎43'45	
morning max el	-3882 Dec 03 j 06:52	17°♎46'29	25°14'55
	-3882 Dec 13 j 14:05	0°♏	
desc. node	-3882 Dec 16 j 04:00	3°♏29'48	
	-3881 Jan 02 j 10:25	0°♐	
morning set	-3881 Jan 08 j 12:11	10°♐34'08	
max. Earth dist.	-3881 Jan 12 j 05:50	17°♐25'05	1.36714 AU
superior conj	-3881 Jan 18 j 07:38	29°♐06'54	-1°40'51
minimum elong	-3881 Jan 18 j 10:35	29°♐21'31	1°40'45
	-3881 Jan 18 j 18:21	0°♑	
evening rise	-3881 Jan 26 j 12:10	15°♑36'31	
asc. node	-3881 Jan 30 j 17:08	23°♑54'31	
	-3881 Feb 03 j 00:35	0°♒	
evening max el	-3881 Feb 12 j 22:15	13°♒42'45	19°38'52
retrograde	-3881 Feb 22 j 11:28	18°♒14'39	
evening set	-3881 Feb 24 j 19:05	17°♒59'52	
inferior conj	-3881 Mar 05 j 06:56	13°♒56'04	2°18'14
minimum elong	-3881 Mar 05 j 11:47	13°♒48'21	2°16'44
min. Earth dist.	-3881 Mar 07 j 19:50	12°♒19'45	0.56151 AU
morning rise	-3881 Mar 14 j 01:57	9°♒14'37	
desc. node	-3881 Mar 14 j 03:09	9°♒13'39	
direct	-3881 Mar 18 j 10:39	8°♒31'50	
morning max el	-3881 Apr 01 j 10:14	15°♒34'56	24°28'41
	-3881 Apr 12 j 21:25	0°♓	
morning set	-3881 Apr 26 j 17:11	25°♓29'41	
asc. node	-3881 Apr 28 j 16:43	29°♓41'49	
	-3881 Apr 28 j 20:06	0°♈	
superior conj	-3881 May 03 j 18:05	10°♈37'47	0°50'28
minimum elong	-3881 May 03 j 16:02	10°♈26'43	0°50'07
max. Earth dist.	-3881 May 05 j 07:25	13°♈59'06	1.33227 AU
evening rise	-3881 May 11 j 02:08	26°♈05'32	
	-3881 May 13 j 01:00	0°♉	
	-3881 May 30 j 12:55	0°♊	
desc. node	-3881 Jun 10 j 01:55	13°♊27'11	
evening max el	-3881 Jun 12 j 21:38	16°♊20'05	27°24'21
retrograde	-3881 Jun 26 j 16:24	23°♊43'33	
evening set	-3881 Jul 03 j 19:56	21°♊10'35	
min. Earth dist.	-3881 Jul 07 j 09:58	18°♊09'03	0.62930 AU
inferior conj	-3881 Jul 10 j 05:36	15°♊22'21	-3°58'13
minimum elong	-3881 Jul 10 j 08:51	15°♊14'20	3°57'34
morning rise	-3881 Jul 16 j 22:49	10°♊12'00	
direct	-3881 Jul 19 j 13:41	9°♊39'46	
asc. node	-3881 Jul 25 j 16:12	12°♊34'29	
morning max el	-3881 Jul 26 j 04:33	13°♊03'57	17°56'16
	-3881 Aug 06 j 17:39	0°♋	
morning set	-3881 Aug 11 j 18:20	8°♋50'44	
superior conj	-3881 Aug 23 j 10:43	29°♋04'40	1°19'36
minimum elong	-3881 Aug 23 j 16:17	29°♋28'02	1°19'11
	-3881 Aug 23 j 23:55	0°♌	
max. Earth dist.	-3881 Aug 30 j 01:17	9°♌58'05	1.43369 AU
desc. node	-3881 Sep 06 j 01:12	21°♌05'45	
evening rise	-3881 Sep 07 j 20:01	23°♌52'40	
	-3881 Sep 11 j 19:23	0°♍	
	-3881 Oct 02 j 14:44	0°♎	
evening max el	-3881 Oct 07 j 14:21	5°♎47'21	21°05'32
retrograde	-3881 Oct 16 j 01:45	10°♎48'22	
evening set	-3881 Oct 20 j 02:10	9°♎17'05	
asc. node	-3881 Oct 21 j 15:08	7°♎53'50	
inferior conj	-3881 Oct 25 j 11:14	3°♎06'14	1°17'19
minimum elong	-3881 Oct 25 j 09:31	3°♎12'06	1°16'36
min. Earth dist.	-3881 Oct 25 j 21:38	2°♎30'38	0.67144 AU
	-3881 Oct 27 j 19:01	30°℞♍	
morning rise	-3881 Oct 30 j 16:42	26°♍51'00	
direct	-3881 Nov 04 j 22:02	24°♍36'33	
	-3881 Nov 14 j 14:52	0°♎	
morning max el	-3881 Nov 15 j 15:38	1°♎00'53	23°50'42
desc. node	-3881 Dec 03 j 00:59	23°♎15'55	
	-3881 Dec 07 j 13:55	0°♏	
morning set	-3881 Dec 21 j 02:07	21°♏43'09	
max. Earth dist.	-3881 Dec 25 j 01:58	28°♏39'38	1.38703 AU
	-3881 Dec 25 j 20:03	0°♐	
superior conj	-3880 Jan 01 j 09:42	12°♐03'47	-1°52'24
minimum elong	-3880 Jan 01 j 11:21	12°♐11'34	1°52'29
evening rise	-3880 Jan 10 j 09:07	29°♐26'25	
	-3880 Jan 10 j 16:00	0°♑	
asc. node	-3880 Jan 17 j 14:10	13°♑00'14	
evening max el	-3880 Jan 26 j 20:43	26°♑00'33	18°48'32
retrograde	-3880 Feb 04 j 00:06	29°♑56'10	
evening set	-3880 Feb 06 j 10:45	29°♑36'21	
inferior conj	-3880 Feb 14 j 05:10	25°♑15'19	3°26'25
minimum elong	-3880 Feb 14 j 09:19	25°♑07'41	3°25'31
min. Earth dist.	-3880 Feb 17 j 11:48	22°♑51'53	0.57739 AU
morning rise	-3880 Feb 22 j 05:24	20°♑05'05	
direct	-3880 Feb 27 j 19:37	18°♑49'09	
desc. node	-3880 Feb 29 j 00:14	18°♑52'37	
morning max el	-3880 Mar 13 j 01:40	26°♑14'26	25°59'04
	-3880 Mar 16 j 15:07	0°♒	
	-3880 Apr 04 j 23:53	0°♓	
morning set	-3880 Apr 10 j 04:58	10°♓31'05	
asc. node	-3880 Apr 14 j 13:42	19°♓52'13	
superior conj	-3880 Apr 17 j 05:07	25°♓38'26	0°27'17
minimum elong	-3880 Apr 17 j 03:56	25°♓31'59	0°27'02
max. Earth dist.	-3880 Apr 17 j 18:59	26°♓54'11	1.32729 AU
	-3880 Apr 19 j 05:07	0°♈	
evening rise	-3880 Apr 24 j 07:06	10°♈48'57	
	-3880 May 04 j 07:26	0°♉	
evening max el	-3880 May 25 j 02:55	28°♉40'07	26°59'12
desc. node	-3880 May 26 j 23:00	0°♊20'19	
	-3880 May 26 j 13:40	0°♊	
retrograde	-3880 Jun 08 j 02:23	6°♊00'49	
evening set	-3880 Jun 14 j 22:30	3°♊55'02	
min. Earth dist.	-3880 Jun 18 j 16:25	1°♊11'17	0.61009 AU
	-3880 Jun 20 j 01:53	30°℞♉	
inferior conj	-3880 Jun 21 j 22:39	28°♉21'58	-4°17'49
minimum elong	-3880 Jun 21 j 24:00	28°♉19'03	4°17'37

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3880 Jun 29 j 03:11	23°♉32'40		
direct	-3880 Jul 01 j 16:18	23°♉06'27		
morning max el	-3880 Jul 08 j 17:34	26°♉34'59	18°04'14	
asc. node	-3880 Jul 11 j 13:14	29°♉45'38		
	-3880 Jul 11 j 17:42	0°♊		
morning set	-3880 Jul 24 j 18:05	21°♊52'16		
	-3880 Jul 29 j 03:48	0°♋		
superior conj	-3880 Aug 03 j 21:43	10°♋21'18	1°40'43	
minimum elong	-3880 Aug 04 j 01:04	10°♋36'06	1°40'41	
max. Earth dist.	-3880 Aug 11 j 10:38	23°♋18'34	1.41773 AU	
	-3880 Aug 15 j 12:12	0°♌		
evening rise	-3880 Aug 17 j 09:13	3°♌01'21		
desc. node	-3880 Aug 22 j 22:11	11°♌44'01		
	-3880 Sep 04 j 05:25	0°♍		
evening max el	-3880 Sep 19 j 08:19	19°♍12'54	22°21'28	
retrograde	-3880 Sep 28 j 20:56	24°♍52'23		
evening set	-3880 Oct 03 j 10:04	23°♍02'10		
asc. node	-3880 Oct 07 j 12:15	18°♍26'03		
inferior conj	-3880 Oct 08 j 17:36	16°♍45'31	0°25'06	
minimum elong	-3880 Oct 08 j 17:01	16°♍47'32	0°24'53	
min. Earth dist.	-3880 Oct 08 j 17:30	16°♍45'52	0.67413 AU	
morning rise	-3880 Oct 13 j 23:51	10°♍31'38		
direct	-3880 Oct 18 j 14:14	8°♍38'55		
morning max el	-3880 Oct 28 j 03:12	14°♍19'24	22°24'34	
	-3880 Nov 09 j 16:38	0°♎		
desc. node	-3880 Nov 18 j 21:57	13°♎23'58		
	-3880 Nov 29 j 13:57	0°♏		
morning set	-3880 Nov 30 j 11:51	1°♏28'30		
max. Earth dist.	-3880 Dec 05 j 23:53	10°♏34'50	1.40771 AU	
superior conj	-3880 Dec 13 j 18:05	24°♏04'55	-1°54'22	
minimum elong	-3880 Dec 13 j 16:58	23°♏59'55	1°54'28	
	-3880 Dec 17 j 00:24	0°♐		
evening rise	-3880 Dec 23 j 20:05	12°♐42'14		
	-3879 Jan 02 j 11:44	0°♑		
asc. node	-3879 Jan 03 j 11:14	1°♑32'15		
evening max el	-3879 Jan 09 j 02:41	8°♑45'21	18°18'15	
retrograde	-3879 Jan 16 j 07:17	12°♑20'20		
evening set	-3879 Jan 18 j 20:59	11°♑53'58		
inferior conj	-3879 Jan 25 j 23:51	7°♑11'49	3°58'08	
minimum elong	-3879 Jan 26 j 01:18	7°♑08'41	3°57'53	
min. Earth dist.	-3879 Jan 29 j 08:04	4°♑21'21	0.59691 AU	
morning rise	-3879 Feb 02 j 03:47	1°♑39'13		
	-3879 Feb 06 j 06:35	30°℞♐		
direct	-3879 Feb 08 j 16:35	29°♐44'15		
	-3879 Feb 11 j 03:35	0°♑		
desc. node	-3879 Feb 14 j 21:19	1°♑20'19		
morning max el	-3879 Feb 22 j 21:58	7°♑21'35	27°06'04	
	-3879 Mar 11 j 23:38	0°♒		
morning set	-3879 Mar 25 j 14:39	25°♒24'58		
	-3879 Mar 27 j 18:54	0°♓		
asc. node	-3879 Apr 01 j 10:42	10°♓05'39		
superior conj	-3879 Apr 01 j 16:52	10°♓39'26	0°02'42	
minimum elong	-3879 Apr 01 j 16:45	10°♓38'47	0°02'37	
behind sun begin	-3879 Apr 01 j 11:48	10°♓11'42		
behind sun end	-3879 Apr 01 j 21:42	11°♓05'52		
max. Earth dist.	-3879 Apr 01 j 08:31	9°♓53'44	1.32562 AU	
evening rise	-3879 Apr 08 j 16:12	25°♓43'02		
	-3879 Apr 10 j 17:54	0°♈		
	-3879 Apr 28 j 06:29	0°♉		
evening max el	-3879 May 07 j 01:51	10°♉17'16	26°02'24	
desc. node	-3879 May 13 j 20:06	15°♉27'26		
retrograde	-3879 May 21 j 03:54	17°♉33'41		
evening set	-3879 May 27 j 04:22	16°♉04'57		
min. Earth dist.	-3879 May 31 j 14:27	13°♉22'07	0.58963 AU	
inferior conj	-3879 Jun 03 j 23:03	10°♉50'53	-4°14'39	
minimum elong	-3879 Jun 03 j 21:07	10°♉54'32	4°14'25	
morning rise	-3879 Jun 11 j 16:27	6°♉23'38		
direct	-3879 Jun 14 j 04:36	6°♉02'22		
morning max el	-3879 Jun 22 j 01:57	9°♉47'18	18°31'56	
asc. node	-3879 Jun 28 j 10:17	17°♉50'39		
	-3879 Jul 05 j 09:05	0°♊		
morning set	-3879 Jul 08 j 07:05	5°♊34'00		
superior conj	-3879 Jul 17 j 07:53	22°♊48'16	1°48'50	
minimum elong	-3879 Jul 17 j 08:33	22°♊51'25	1°48'59	
	-3879 Jul 21 j 06:14	0°♋		
max. Earth dist.	-3879 Jul 24 j 14:19	5°♋54'37	1.39870 AU	
evening rise	-3879 Jul 28 j 21:48	13°♋17'06		
	-3879 Aug 08 j 08:08	0°♌		
desc. node	-3879 Aug 09 j 19:12	2°♌13'24		
	-3879 Aug 30 j 09:07	0°♍		
evening max el	-3879 Sep 01 j 21:25	2°♍39'27	23°42'04	
retrograde	-3879 Sep 12 j 13:12	8°♍57'12		
evening set	-3879 Sep 17 j 16:33	6°♍47'25		
min. Earth dist.	-3879 Sep 22 j 13:46	1°♍03'43	0.67379 AU	
inferior conj	-3879 Sep 23 j 00:07	0°♍28'25	-0°28'26	
minimum elong	-3879 Sep 23 j 00:47	0°♍26'08	0°28'04	
	-3879 Sep 23 j 08:26	30°℞♌		
asc. node	-3879 Sep 24 j 09:22	28°♌36'22		
morning rise	-3879 Sep 28 j 08:58	24°♌18'42		
direct	-3879 Oct 02 j 09:49	22°♌46'55		
morning max el	-3879 Oct 10 j 20:33	27°♌45'17	21°04'14	
	-3879 Oct 12 j 22:16	0°♍		
	-3879 Nov 03 j 07:25	0°♎		
desc. node	-3879 Nov 05 j 18:57	3°♎47'46		
morning set	-3879 Nov 09 j 19:39	10°♎02'48		
max. Earth dist.	-3879 Nov 18 j 04:05	23°♎22'30	1.42623 AU	
	-3879 Nov 22 j 04:31	0°♏		
superior conj	-3879 Nov 25 j 03:08	4°♏57'06	-1°42'58	
minimum elong	-3879 Nov 24 j 22:16	4°♏36'27	1°42'45	
evening rise	-3879 Dec 06 j 17:22	25°♏16'29		
	-3879 Dec 09 j 08:40	0°♐		
asc. node	-3879 Dec 21 j 08:18	19°♐20'27		
evening max el	-3879 Dec 23 j 13:25	21°♐50'03	18°07'51	
retrograde	-3879 Dec 30 j 05:47	25°♐18'00		
evening set	-3878 Jan 01 j 22:27	24°♐44'07		
inferior conj	-3878 Jan 08 j 12:39	19°♐40'42	4°01'07	
minimum elong	-3878 Jan 08 j 11:36	19°♐43'19	4°00'54	
min. Earth dist.	-3878 Jan 11 j 11:54	16°♐46'50	0.61687 AU	
morning rise	-3878 Jan 14 j 23:34	13°♐52'51		
direct	-3878 Jan 21 j 23:47	11°♐24'41		
desc. node	-3878 Feb 01 j 18:25	16°♐12'39		
morning max el	-3878 Feb 05 j 00:34	19°♐08'26	27°39'36	
	-3878 Feb 14 j 06:58	0°♑		
	-3878 Mar 04 j 17:52	0°♒		
morning set	-3878 Mar 09 j 20:15	10°♒04'06		
max. Earth dist.	-3878 Mar 15 j 20:05	22°♒43'24	1.32737 AU	
superior conj	-3878 Mar 17 j 03:42	25°♒34'56	-0°22'29	
minimum elong	-3878 Mar 17 j 04:43	25°♒40'27	0°22'22	
asc. node	-3878 Mar 19 j 07:42	0°♓18'06		
	-3878 Mar 19 j 04:23	0°♓		
evening rise	-3878 Mar 24 j 03:27	10°♓40'34		
	-3878 Apr 03 j 03:05	0°♈		
evening max el	-3878 Apr 18 j 19:13	21°♈17'18	24°41'04	
desc. node	-3878 Apr 30 j 17:13	28°♈11'50		
retrograde	-3878 May 02 j 18:49	28°♈21'45		
evening set	-3878 May 07 j 13:03	27°♈30'15		
min. Earth dist.	-3878 May 13 j 07:20	24°♈32'28	0.57082 AU	
inferior conj	-3878 May 16 j 03:50	22°♈40'41	-3°38'23	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3878 May 15 j 22:36	22°♈49'16	3°37'20
morning rise	-3878 May 24 j 11:19	18°♈32'31	
direct	-3878 May 26 j 22:45	18°♈15'14	
morning max el	-3878 Jun 05 j 02:47	22°♈31'14	19°19'55
	-3878 Jun 11 j 06:01	0°♉	
asc. node	-3878 Jun 15 j 07:20	6°♉36'45	
morning set	-3878 Jun 22 j 05:32	19°♉46'05	
	-3878 Jun 27 j 08:31	0°♊	
superior conj	-3878 Jun 30 j 11:20	6°♊08'38	1°46'46
minimum elong	-3878 Jun 30 j 10:02	6°♊02'17	1°46'52
max. Earth dist.	-3878 Jul 06 j 15:48	17°♊52'25	1.37929 AU
evening rise	-3878 Jul 10 j 12:23	24°♊49'22	
	-3878 Jul 13 j 11:57	0°♋	
desc. node	-3878 Jul 27 j 16:13	22°♋28'30	
	-3878 Aug 01 j 23:26	0°♌	
evening max el	-3878 Aug 15 j 08:17	16°♌08'55	25°00'35
retrograde	-3878 Aug 27 j 01:27	22°♌58'12	
evening set	-3878 Sep 01 j 19:46	20°♌30'19	
min. Earth dist.	-3878 Sep 06 j 08:01	15°♌21'59	0.67039 AU
inferior conj	-3878 Sep 07 j 05:03	14°♌12'30	-1°21'40
minimum elong	-3878 Sep 07 j 06:57	14°♌06'12	1°20'46
asc. node	-3878 Sep 11 j 06:30	9°♌23'17	
morning rise	-3878 Sep 12 j 18:10	8°♌10'00	
direct	-3878 Sep 16 j 07:34	6°♌56'42	
morning max el	-3878 Sep 23 j 21:02	11°♌19'11	19°54'59
	-3878 Oct 07 j 19:12	0°♍	
morning set	-3878 Oct 19 j 17:50	18°♍15'59	
desc. node	-3878 Oct 23 j 15:55	24°♍21'51	
	-3878 Oct 27 j 06:11	0°♎	
max. Earth dist.	-3878 Oct 31 j 15:10	6°♎55'35	1.44004 AU
superior conj	-3878 Nov 05 j 08:44	14°♎31'50	-1°15'07
minimum elong	-3878 Nov 05 j 01:42	14°♎03'19	1°14'24
	-3878 Nov 14 j 17:26	0°♏	
evening rise	-3878 Nov 18 j 20:23	6°♏59'21	
	-3878 Dec 02 j 22:01	0°♐	
evening max el	-3878 Dec 07 j 02:06	5°♐07'26	18°16'40
asc. node	-3878 Dec 08 j 05:23	6°♐11'56	
retrograde	-3878 Dec 13 j 15:10	8°♐39'55	
evening set	-3878 Dec 16 j 11:38	7°♐57'10	
inferior conj	-3878 Dec 22 j 15:49	2°♐33'58	3°43'55
minimum elong	-3878 Dec 22 j 13:13	2°♐41'07	3°43'23
	-3878 Dec 24 j 23:57	30°℞♏	
min. Earth dist.	-3878 Dec 25 j 01:11	29°♏56'42	0.63487 AU
morning rise	-3878 Dec 28 j 14:09	26°♏35'33	
direct	-3877 Jan 04 j 15:00	23°♏48'14	
	-3877 Jan 16 j 16:50	0°♐	
morning max el	-3877 Jan 18 j 07:50	1°♐32'39	27°36'52
desc. node	-3877 Jan 19 j 15:30	2°♐53'11	
	-3877 Feb 08 j 10:27	0°♑	
morning set	-3877 Feb 21 j 19:21	24°♑20'11	
	-3877 Feb 24 j 14:21	0°♒	
max. Earth dist.	-3877 Feb 27 j 01:50	5°♒10'15	1.33293 AU
superior conj	-3877 Mar 01 j 11:53	10°♒18'59	-0°47'18
minimum elong	-3877 Mar 01 j 13:58	10°♒30'06	0°47'02
asc. node	-3877 Mar 06 j 04:43	20°♒25'29	
evening rise	-3877 Mar 08 j 15:03	25°♒35'17	
	-3877 Mar 10 j 18:06	0°♓	
	-3877 Mar 29 j 11:54	0°♈	
evening max el	-3877 Mar 31 j 11:27	2°♈01'03	23°07'43
retrograde	-3877 Apr 13 j 20:52	8°♈37'15	
evening set	-3877 Apr 17 j 07:35	8°♈11'17	
desc. node	-3877 Apr 17 j 14:20	8°♈06'58	
min. Earth dist.	-3877 Apr 24 j 22:01	4°♈47'16	0.55719 AU
inferior conj	-3877 Apr 26 j 13:21	3°♈49'46	-2°21'49
minimum elong	-3877 Apr 26 j 07:46	3°♈57'58	2°20'11
	-3877 May 04 j 20:01	30°℞♓	
morning rise	-3877 May 05 j 10:21	29°♓52'03	
direct	-3877 May 07 j 22:56	29°♓36'39	
	-3877 May 10 j 23:35	0°♈	
morning max el	-3877 May 18 j 17:39	4°♈37'58	20°28'03
asc. node	-3877 Jun 02 j 04:22	25°♈54'08	
	-3877 Jun 04 j 06:42	0°♉	
morning set	-3877 Jun 06 j 10:35	4°♉21'21	
superior conj	-3877 Jun 14 j 03:15	20°♉08'52	1°37'08
minimum elong	-3877 Jun 14 j 00:52	19°♉56'47	1°37'03
max. Earth dist.	-3877 Jun 18 j 22:03	29°♉39'19	1.36179 AU
	-3877 Jun 19 j 02:19	0°♊	
evening rise	-3877 Jun 23 j 01:04	7°♊28'48	
	-3877 Jul 06 j 05:21	0°♋	
desc. node	-3877 Jul 14 j 13:14	12°♋22'53	
evening max el	-3877 Jul 28 j 19:16	29°♋40'54	26°08'54
	-3877 Jul 29 j 03:09	0°♌	
retrograde	-3877 Aug 10 j 08:59	6°♌50'46	
evening set	-3877 Aug 16 j 17:41	4°♌09'01	
	-3877 Aug 20 j 14:44	30°℞♋	
min. Earth dist.	-3877 Aug 20 j 21:44	29°♋38'25	0.66372 AU
inferior conj	-3877 Aug 22 j 06:34	27°♋55'47	-2°12'50
minimum elong	-3877 Aug 22 j 09:33	27°♋46'26	2°11'36
morning rise	-3877 Aug 28 j 01:35	22°♋03'49	
asc. node	-3877 Aug 29 j 03:38	21°♋30'57	
direct	-3877 Aug 31 j 05:50	21°♋05'48	
morning max el	-3877 Sep 07 j 04:14	25°♋00'38	19°00'07
	-3877 Sep 11 j 08:48	0°♌	
morning set	-3877 Sep 29 j 05:52	27°♌14'47	
	-3877 Sep 30 j 23:43	0°♍	
desc. node	-3877 Oct 10 j 12:50	15°♍02'31	
max. Earth dist.	-3877 Oct 14 j 07:35	20°♍59'57	1.44745 AU
superior conj	-3877 Oct 15 j 14:48	23°♍03'09	-0°31'54
minimum elong	-3877 Oct 15 j 10:43	22°♍47'01	0°31'21
	-3877 Oct 20 j 00:05	0°♎	
evening rise	-3877 Oct 31 j 00:35	17°♎42'04	
	-3877 Nov 07 j 14:21	0°♏	
evening max el	-3877 Nov 20 j 14:00	18°♏31'30	18°43'37
asc. node	-3877 Nov 25 j 02:29	21°♏51'30	
retrograde	-3877 Nov 27 j 07:33	22°♏18'22	
evening set	-3877 Nov 30 j 09:14	21°♏25'01	
inferior conj	-3877 Dec 06 j 05:39	15°♏44'19	3°12'59
minimum elong	-3877 Dec 06 j 02:30	15°♏53'48	3°12'05
min. Earth dist.	-3877 Dec 08 j 00:11	13°♏36'20	0.64963 AU
morning rise	-3877 Dec 11 j 19:26	9°♏38'07	
direct	-3877 Dec 18 j 12:48	6°♏47'02	
morning max el	-3877 Dec 31 j 17:13	14°♏24'05	27°01'01
desc. node	-3876 Jan 06 j 12:32	20°♏50'25	
	-3876 Jan 13 j 12:13	0°♐	
	-3876 Feb 01 j 02:03	0°♑	
morning set	-3876 Feb 05 j 08:40	8°♑01'52	
max. Earth dist.	-3876 Feb 09 j 22:07	17°♑03'44	1.34278 AU
superior conj	-3876 Feb 13 j 15:20	24°♑43'48	-1°10'41
minimum elong	-3876 Feb 13 j 18:13	24°♑58'52	1°10'22
	-3876 Feb 16 j 03:27	0°♒	
evening rise	-3876 Feb 21 j 01:11	10°♒19'58	
asc. node	-3876 Feb 21 j 01:42	10°♒22'40	
	-3876 Mar 02 j 10:42	0°♓	
evening max el	-3876 Mar 12 j 08:24	12°♓53'26	21°36'00
retrograde	-3876 Mar 24 j 12:05	18°♓44'35	
evening set	-3876 Mar 27 j 02:08	18°♓29'30	
desc. node	-3876 Apr 03 j 11:28	15°♓32'37	
inferior conj	-3876 Apr 05 j 10:04	14°♓27'51	-0°32'20

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3876 Apr 05 j 08:34	14°♓29'59	0°31'51
min. Earth dist.	-3876 Apr 05 j 11:53	14°♓25'19	0.55164 AU
morning rise	-3876 Apr 14 j 15:25	10°♓25'49	
direct	-3876 Apr 17 j 11:56	10°♓07'50	
morning max el	-3876 Apr 29 j 21:26	16°♓01'48	21°54'12
	-3876 May 10 j 15:47	0°♈	
asc. node	-3876 May 19 j 01:22	15°♈33'51	
morning set	-3876 May 20 j 19:53	19°♈11'58	
	-3876 May 25 j 23:10	0°♉	
superior conj	-3876 May 28 j 03:46	4°♉36'42	1°21'59
minimum elong	-3876 May 28 j 01:05	4°♉22'38	1°21'44
max. Earth dist.	-3876 May 31 j 13:28	11°♉39'01	1.34745 AU
evening rise	-3876 Jun 05 j 06:18	20°♉59'07	
	-3876 Jun 10 j 01:57	0°♊	
	-3876 Jun 29 j 01:57	0°♋	
desc. node	-3876 Jun 30 j 10:16	1°♋47'12	
evening max el	-3876 Jul 10 j 06:44	13°♋07'48	26°59'01
retrograde	-3876 Jul 23 j 11:14	20°♋28'13	
evening set	-3876 Jul 30 j 07:54	17°♋40'15	
min. Earth dist.	-3876 Aug 03 j 04:33	13°♋48'01	0.65336 AU
inferior conj	-3876 Aug 05 j 02:34	11°♋34'42	-2°59'51
minimum elong	-3876 Aug 05 j 06:16	11°♋23'58	2°58'36
morning rise	-3876 Aug 11 j 05:03	5°♋56'36	
direct	-3876 Aug 14 j 02:25	5°♋10'46	
asc. node	-3876 Aug 15 j 00:43	5°♋15'29	
morning max el	-3876 Aug 20 j 16:25	8°♋46'40	18°21'33
	-3876 Sep 04 j 06:25	0°♌	
morning set	-3876 Sep 08 j 20:27	7°♌32'01	
	-3876 Sep 22 j 18:09	0°♍	
superior conj	-3876 Sep 23 j 14:56	1°♍22'26	0°17'39
minimum elong	-3876 Sep 23 j 17:10	1°♍31'18	0°17'26
max. Earth dist.	-3876 Sep 26 j 02:04	5°♍16'17	1.44757 AU
desc. node	-3876 Sep 26 j 09:46	5°♍46'43	
evening rise	-3876 Oct 10 j 03:59	27°♍21'52	
	-3876 Oct 11 j 20:24	0°♎	
greatest brilliancy	-3876 Oct 21 j 01:18	14°♎18'48	-0.7m
	-3876 Nov 01 j 04:05	0°♏	
evening max el	-3876 Nov 02 j 22:40	1°♏58'03	19°27'21
retrograde	-3876 Nov 10 j 03:41	6°♏08'15	
asc. node	-3876 Nov 10 j 23:36	6°♏04'17	
evening set	-3876 Nov 13 j 12:28	5°♏02'06	
	-3876 Nov 18 j 10:33	30°℞♎	
inferior conj	-3876 Nov 19 j 03:06	29°♎06'53	2°32'43
minimum elong	-3876 Nov 19 j 00:09	29°♎16'26	2°31'41
min. Earth dist.	-3876 Nov 20 j 07:55	27°♎33'59	0.66077 AU
morning rise	-3876 Nov 24 j 11:36	22°♎55'08	
direct	-3876 Nov 30 j 16:25	20°♎12'37	
morning max el	-3876 Dec 13 j 02:42	27°♎31'29	25°59'02
	-3876 Dec 15 j 11:13	0°♏	
desc. node	-3876 Dec 23 j 09:32	9°♏41'46	
	-3875 Jan 06 j 04:30	0°♐	
morning set	-3875 Jan 18 j 08:04	20°♐56'48	
max. Earth dist.	-3875 Jan 22 j 06:57	28°♐25'01	1.35707 AU
	-3875 Jan 23 j 02:33	0°♑	
superior conj	-3875 Jan 27 j 11:36	8°♑41'56	-1°31'09
minimum elong	-3875 Jan 27 j 14:46	8°♑57'58	1°30'56
evening rise	-3875 Feb 04 j 08:00	24°♑48'34	
asc. node	-3875 Feb 06 j 22:43	0°♒04'51	
	-3875 Feb 06 j 21:44	0°♒	
evening max el	-3875 Feb 22 j 14:40	24°♒15'05	20°16'33
retrograde	-3875 Mar 05 j 02:58	29°♒14'49	
evening set	-3875 Mar 07 j 10:12	29°♒01'28	
inferior conj	-3875 Mar 16 j 07:23	25°♒02'27	1°22'20
minimum elong	-3875 Mar 16 j 10:51	24°♒57'18	1°21'06
min. Earth dist.	-3875 Mar 18 j 01:52	23°♒59'22	0.55541 AU
desc. node	-3875 Mar 21 j 08:34	22°♒11'48	
morning rise	-3875 Mar 25 j 09:47	20°♒38'22	
direct	-3875 Mar 29 j 01:59	20°♒08'52	
morning max el	-3875 Apr 11 j 16:19	26°♒50'44	23°31'50
	-3875 Apr 14 j 17:09	0°♓	
	-3875 May 03 j 06:48	0°♈	
morning set	-3875 May 05 j 07:30	4°♈11'39	
asc. node	-3875 May 05 j 22:20	5°♈29'34	
superior conj	-3875 May 12 j 10:04	19°♈23'12	1°02'51
minimum elong	-3875 May 12 j 07:40	19°♈10'19	1°02'29
max. Earth dist.	-3875 May 14 j 14:30	24°♈02'20	1.33676 AU
	-3875 May 17 j 11:01	0°♉	
evening rise	-3875 May 19 j 23:27	5°♉06'29	
	-3875 Jun 02 j 18:02	0°♊	
desc. node	-3875 Jun 17 j 07:21	20°♊28'30	
evening max el	-3875 Jun 22 j 17:26	26°♊17'59	27°23'42
	-3875 Jun 27 j 01:41	0°♋	
retrograde	-3875 Jul 06 j 07:58	3°♋42'02	
evening set	-3875 Jul 13 j 11:20	0°♋59'16	
	-3875 Jul 14 j 16:28	30°℞♊	
min. Earth dist.	-3875 Jul 17 j 02:27	27°♊41'55	0.63913 AU
inferior conj	-3875 Jul 19 j 14:33	25°♊03'58	-3°39'55
minimum elong	-3875 Jul 19 j 18:16	24°♊54'11	3°38'58
morning rise	-3875 Jul 26 j 02:00	19°♊42'59	
direct	-3875 Jul 28 j 18:40	19°♊06'30	
asc. node	-3875 Aug 01 j 21:48	20°♊31'49	
morning max el	-3875 Aug 04 j 07:08	22°♊32'18	18°00'19
	-3875 Aug 10 j 02:39	0°♋	
morning set	-3875 Aug 21 j 13:18	19°♋04'16	
	-3875 Aug 27 j 23:02	0°♌	
superior conj	-3875 Sep 03 j 07:21	10°♌32'27	1°00'48
minimum elong	-3875 Sep 03 j 13:02	10°♌55'41	1°00'17
max. Earth dist.	-3875 Sep 08 j 18:48	19°♌23'33	1.44054 AU
desc. node	-3875 Sep 13 j 06:43	26°♌31'07	
	-3875 Sep 15 j 12:02	0°♍	
evening rise	-3875 Sep 19 j 12:04	6°♍12'54	
	-3875 Oct 05 j 06:17	0°♎	
evening max el	-3875 Oct 17 j 02:07	15°♎24'06	20°26'04
retrograde	-3875 Oct 25 j 00:59	20°♎05'16	
evening set	-3875 Oct 28 j 19:00	18°♎43'54	
asc. node	-3875 Oct 28 j 20:44	18°♎40'45	
inferior conj	-3875 Nov 03 j 05:38	12°♎37'34	1°46'06
minimum elong	-3875 Nov 03 j 03:22	12°♎45'14	1°45'12
min. Earth dist.	-3875 Nov 03 j 22:21	11°♎41'10	0.66843 AU
morning rise	-3875 Nov 08 j 11:31	6°♎22'40	
direct	-3875 Nov 14 j 01:30	3°♎56'44	
morning max el	-3875 Nov 25 j 11:28	10°♎44'46	24°39'58
desc. node	-3875 Dec 10 j 06:31	29°♎10'50	
	-3875 Dec 10 j 20:22	0°♏	
	-3875 Dec 29 j 21:16	0°♐	
morning set	-3875 Dec 31 j 11:59	2°♐48'51	
max. Earth dist.	-3874 Jan 04 j 05:47	9°♐31'08	1.37530 AU
superior conj	-3874 Jan 10 j 21:25	22°♐03'34	-1°46'43
minimum elong	-3874 Jan 10 j 23:59	22°♐16'01	1°46'41
	-3874 Jan 14 j 22:15	0°♑	
evening rise	-3874 Jan 19 j 09:14	8°♑53'55	
asc. node	-3874 Jan 24 j 19:45	19°♑25'42	
	-3874 Jan 31 j 03:53	0°♒	
evening max el	-3874 Feb 05 j 07:33	6°♒12'49	19°15'01
retrograde	-3874 Feb 14 j 05:28	10°♒27'53	
evening set	-3874 Feb 16 j 14:01	10°♒11'22	
inferior conj	-3874 Feb 24 j 18:24	6°♒01'04	2°51'53
minimum elong	-3874 Feb 24 j 23:22	5°♒52'40	2°50'32

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3874 Feb 27 j 16:57	4°♒02'39	0.56754 AU
morning rise	-3874 Mar 05 j 06:00	1°♒06'25	
desc. node	-3874 Mar 08 j 05:40	0°♒19'35	
direct	-3874 Mar 10 j 03:15	0°♒11'06	
morning max el	-3874 Mar 24 j 07:21	7°♒26'05	25°09'10
	-3874 Apr 09 j 20:40	0°♓	
morning set	-3874 Apr 19 j 19:43	19°♓14'27	
asc. node	-3874 Apr 22 j 19:19	25°♓36'11	
	-3874 Apr 24 j 19:58	0°♈	
superior conj	-3874 Apr 26 j 19:57	4°♈21'04	0°40'53
minimum elong	-3874 Apr 26 j 18:14	4°♈11'47	0°40'32
max. Earth dist.	-3874 Apr 27 j 23:03	6°♈48'07	1.32969 AU
evening rise	-3874 May 04 j 00:57	19°♈39'51	
	-3874 May 09 j 06:41	0°♉	
	-3874 May 28 j 02:01	0°♊	
desc. node	-3874 Jun 04 j 04:26	8°♊08'44	
evening max el	-3874 Jun 05 j 01:19	8°♊59'46	27°17'39
retrograde	-3874 Jun 18 j 22:33	16°♊23'08	
evening set	-3874 Jun 26 j 00:17	13°♊59'49	
min. Earth dist.	-3874 Jun 29 j 14:40	11°♊07'51	0.62137 AU
inferior conj	-3874 Jul 02 j 15:34	8°♊17'27	-4°08'47
minimum elong	-3874 Jul 02 j 18:11	8°♊11'17	4°08'20
morning rise	-3874 Jul 09 j 13:27	3°♊16'05	
direct	-3874 Jul 12 j 03:17	2°♊46'44	
morning max el	-3874 Jul 18 j 21:40	6°♊11'36	17°57'20
asc. node	-3874 Jul 19 j 18:51	7°♊06'09	
	-3874 Aug 03 j 05:44	0°♋	
morning set	-3874 Aug 04 j 03:27	1°♋37'54	
superior conj	-3874 Aug 15 j 02:57	21°♋03'45	1°30'18
minimum elong	-3874 Aug 15 j 07:46	21°♋24'24	1°30'03
	-3874 Aug 20 j 10:11	0°♌	
max. Earth dist.	-3874 Aug 22 j 06:52	3°♌03'56	1.42738 AU
evening rise	-3874 Aug 29 j 17:41	15°♌00'00	
desc. node	-3874 Aug 31 j 03:42	17°♌13'00	
	-3874 Sep 08 j 12:45	0°♍	
evening max el	-3874 Sep 29 j 23:29	28°♍49'52	21°36'52
	-3874 Oct 01 j 04:07	0°♎	
retrograde	-3874 Oct 08 j 21:27	4°♎07'30	
evening set	-3874 Oct 13 j 02:56	2°♎28'32	
asc. node	-3874 Oct 15 j 17:50	29°♍49'50	
	-3874 Oct 15 j 14:26	30°℞♍	
inferior conj	-3874 Oct 18 j 11:09	26°♍14'41	0°55'24
minimum elong	-3874 Oct 18 j 09:54	26°♍19'01	0°54'54
min. Earth dist.	-3874 Oct 18 j 17:03	25°♍54'21	0.67294 AU
morning rise	-3874 Oct 23 j 16:42	19°♍59'23	
direct	-3874 Oct 28 j 15:30	17°♍54'01	
morning max el	-3874 Nov 07 j 21:02	24°♍00'37	23°13'40
	-3874 Nov 13 j 04:22	0°♎	
desc. node	-3874 Nov 27 j 03:30	19°♎07'06	
	-3874 Dec 04 j 07:24	0°♏	
morning set	-3874 Dec 12 j 14:18	13°♏22'41	
max. Earth dist.	-3874 Dec 17 j 01:09	20°♏56'48	1.39587 AU
	-3874 Dec 22 j 03:49	0°♐	
superior conj	-3874 Dec 24 j 16:35	4°♐37'55	-1°54'37
minimum elong	-3874 Dec 24 j 17:15	4°♐40'56	1°54'45
evening rise	-3873 Jan 03 j 02:18	22°♐29'38	
	-3873 Jan 07 j 01:01	0°♑	
asc. node	-3873 Jan 11 j 16:49	8°♑18'05	
evening max el	-3873 Jan 19 j 09:34	18°♑43'03	18°33'16
retrograde	-3873 Jan 27 j 01:54	22°♑27'50	
evening set	-3873 Jan 29 j 13:51	22°♑05'27	
inferior conj	-3873 Feb 06 j 01:22	17°♑36'04	3°43'57
minimum elong	-3873 Feb 06 j 04:28	17°♑29'59	3°43'24
min. Earth dist.	-3873 Feb 09 j 10:36	14°♑57'55	0.58541 AU
morning rise	-3873 Feb 13 j 16:44	12°♑15'15	
direct	-3873 Feb 19 j 17:58	10°♑42'20	
desc. node	-3873 Feb 23 j 02:47	11°♑10'33	
morning max el	-3873 Mar 06 j 00:19	18°♑14'27	26°31'11
	-3873 Mar 15 j 20:28	0°♒	
	-3873 Apr 02 j 05:41	0°♓	
morning set	-3873 Apr 04 j 06:49	4°♓13'24	
asc. node	-3873 Apr 09 j 16:18	15°♓48'28	
superior conj	-3873 Apr 11 j 07:30	19°♓22'54	0°17'01
minimum elong	-3873 Apr 11 j 06:45	19°♓18'48	0°16'48
max. Earth dist.	-3873 Apr 11 j 11:43	19°♓46'02	1.32610 AU
	-3873 Apr 16 j 04:56	0°♈	
evening rise	-3873 Apr 18 j 07:56	4°♈28'58	
	-3873 May 02 j 01:12	0°♉	
evening max el	-3873 May 18 j 04:06	21°♉02'31	26°38'46
desc. node	-3873 May 22 j 01:33	24°♉21'30	
retrograde	-3873 Jun 01 j 05:27	28°♉22'07	
evening set	-3873 Jun 07 j 18:29	26°♉31'34	
min. Earth dist.	-3873 Jun 11 j 17:33	23°♉50'01	0.60135 AU
inferior conj	-3873 Jun 15 j 02:02	21°♉05'41	-4°19'54
minimum elong	-3873 Jun 15 j 02:07	21°♉05'31	4°19'47
morning rise	-3873 Jun 22 j 11:50	16°♉25'38	
direct	-3873 Jun 25 j 00:21	16°♉01'43	
morning max el	-3873 Jul 02 j 09:06	19°♉36'03	18°13'29
asc. node	-3873 Jul 06 j 15:53	24°♉42'04	
	-3873 Jul 10 j 02:35	0°♊	
morning set	-3873 Jul 18 j 09:24	14°♊58'07	
	-3873 Jul 26 j 10:38	0°♋	
superior conj	-3873 Jul 28 j 00:30	2°♋52'08	1°45'35
minimum elong	-3873 Jul 28 j 02:41	3°♋01'58	1°45'39
max. Earth dist.	-3873 Aug 04 j 13:16	16°♋04'33	1.40989 AU
evening rise	-3873 Aug 09 j 15:51	24°♋34'37	
	-3873 Aug 13 j 00:42	0°♌	
desc. node	-3873 Aug 18 j 00:43	7°♌48'07	
	-3873 Sep 02 j 09:59	0°♍	
evening max el	-3873 Sep 12 j 15:15	12°♍16'08	22°55'37
retrograde	-3873 Sep 22 j 15:30	18°♍12'07	
evening set	-3873 Sep 27 j 10:27	16°♍13'50	
inferior conj	-3873 Oct 02 j 17:49	9°♍55'55	0°02'28
minimum elong	-3873 Oct 02 j 17:46	9°♍56'08	0°02'30
transit middle	-3873 Oct 02 j 17:46	9°♍56'08	0°02'30
transit begin	-3873 Oct 02 j 15:06	10°♍05'20	
transit end	-3873 Oct 02 j 20:26	9°♍46'56	
min. Earth dist.	-3873 Oct 02 j 13:28	10°♍10'56	0.67438 AU
asc. node	-3873 Oct 02 j 14:57	10°♍05'49	
morning rise	-3873 Oct 08 j 00:57	3°♍43'18	
direct	-3873 Oct 12 j 09:27	1°♍59'27	
morning max el	-3873 Oct 21 j 10:36	7°♍21'21	21°49'11
	-3873 Nov 07 j 17:39	0°♎	
desc. node	-3873 Nov 14 j 00:31	9°♎22'46	
morning set	-3873 Nov 22 j 11:57	22°♎34'05	
	-3873 Nov 27 j 02:18	0°♏	
max. Earth dist.	-3873 Nov 29 j 01:12	3°♏13'27	1.41603 AU
superior conj	-3873 Dec 06 j 15:48	16°♏12'00	-1°51'24
minimum elong	-3873 Dec 06 j 13:08	16°♏00'17	1°51'25
	-3873 Dec 14 j 08:23	0°♐	
evening rise	-3873 Dec 17 j 07:57	5°♐28'53	
asc. node	-3873 Dec 29 j 13:54	26°♐33'10	
	-3872 Jan 01 j 05:34	0°♑	
evening max el	-3872 Jan 02 j 18:01	1°♑38'03	18°11'30
retrograde	-3872 Jan 09 j 16:00	5°♑08'06	
evening set	-3872 Jan 12 j 07:05	4°♑38'31	
	-3872 Jan 18 j 22:36	30°℞♐	
inferior conj	-3872 Jan 19 j 04:12	29°♐47'18	4°02'21

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3872 Jan 19 j 04:29	29°♐46'38	4°02'11
min. Earth dist.	-3872 Jan 22 j 09:36	26°♐52'40	0.60553 AU
morning rise	-3872 Jan 26 j 00:24	24°♐07'53	
direct	-3872 Feb 01 j 19:43	21°♐57'20	
desc. node	-3872 Feb 09 j 23:53	24°♐44'27	
morning max el	-3872 Feb 15 j 23:06	29°♐37'24	27°24'47
	-3872 Feb 16 j 08:16	0°♑	
	-3872 Mar 08 j 17:01	0°♒	
morning set	-3872 Mar 18 j 15:02	19°♒02'03	
	-3872 Mar 23 j 18:53	0°♓	
max. Earth dist.	-3872 Mar 25 j 00:56	2°♓43'34	1.32593 AU
superior conj	-3872 Mar 25 j 19:04	4°♓22'35	-0°07'57
minimum elong	-3872 Mar 25 j 19:26	4°♓24'33	0°07'57
behind sun begin	-3872 Mar 25 j 15:04	4°♓00'38	
behind sun end	-3872 Mar 25 j 23:49	4°♓48'29	
asc. node	-3872 Mar 26 j 13:19	6°♓02'19	
evening rise	-3872 Apr 01 j 18:12	19°♓25'55	
	-3872 Apr 06 j 23:34	0°♈	
	-3872 Apr 26 j 16:22	0°♉	
evening max el	-3872 Apr 29 j 00:40	2°♉23'27	25°30'16
desc. node	-3872 May 07 j 22:38	8°♉32'53	
retrograde	-3872 May 13 j 02:27	9°♉35'17	
evening set	-3872 May 18 j 15:00	8°♉23'20	
min. Earth dist.	-3872 May 23 j 13:01	5°♉35'47	0.58129 AU
inferior conj	-3872 May 26 j 18:23	3°♉19'17	-4°03'57
minimum elong	-3872 May 26 j 14:54	3°♉25'27	4°03'26
	-3872 Jun 01 j 01:49	30°♑℞♈	
morning rise	-3872 Jun 03 j 17:37	29°♈00'22	
direct	-3872 Jun 06 j 05:33	28°♈40'49	
	-3872 Jun 11 j 02:11	0°♉	
morning max el	-3872 Jun 14 j 14:31	2°♉37'08	18°49'44
asc. node	-3872 Jun 22 j 12:56	13°♉05'55	
morning set	-3872 Jul 01 j 02:50	28°♉54'03	
	-3872 Jul 01 j 16:19	0°♊	
superior conj	-3872 Jul 09 j 18:40	15°♊43'30	1°49'02
minimum elong	-3872 Jul 09 j 18:24	15°♊42'13	1°49'11
max. Earth dist.	-3872 Jul 16 j 15:48	28°♊24'06	1.39045 AU
	-3872 Jul 17 j 13:25	0°♋	
evening rise	-3872 Jul 20 j 15:44	5°♋23'24	
desc. node	-3872 Aug 03 j 21:43	28°♋12'04	
	-3872 Aug 05 j 02:47	0°♌	
evening max el	-3872 Aug 25 j 03:14	25°♌44'18	24°16'13
	-3872 Aug 30 j 03:37	0°♍	
retrograde	-3872 Sep 05 j 05:58	2°♍15'44	
evening set	-3872 Sep 10 j 15:45	29°♌57'56	
	-3872 Sep 10 j 14:48	30°℞♌	
inferior conj	-3872 Sep 15 j 23:52	23°♌39'18	-0°51'09
minimum elong	-3872 Sep 16 j 01:04	23°♌35'15	0°50'33
min. Earth dist.	-3872 Sep 15 j 09:06	24°♌29'07	0.67280 AU
asc. node	-3872 Sep 18 j 12:05	20°♌24'38	
morning rise	-3872 Sep 21 j 10:21	17°♌32'25	
direct	-3872 Sep 25 j 06:09	16°♌08'43	
morning max el	-3872 Oct 03 j 06:53	20°♌50'17	20°33'08
	-3872 Oct 10 j 18:46	0°♍	
desc. node	-3872 Oct 30 j 21:28	29°♍51'24	
	-3872 Oct 30 j 23:42	0°♎	
morning set	-3872 Oct 31 j 12:49	0°♎50'54	
max. Earth dist.	-3872 Nov 10 j 09:04	16°♎24'25	1.43284 AU
superior conj	-3872 Nov 16 j 13:24	26°♎31'25	-1°33'16
minimum elong	-3872 Nov 16 j 07:10	26°♎05'34	1°32'48
	-3872 Nov 18 j 15:19	0°♏	
evening rise	-3872 Nov 28 j 22:02	17°♏42'26	
	-3872 Dec 05 j 23:22	0°♐	
asc. node	-3872 Dec 15 j 10:59	13°♐58'55	
evening max el	-3872 Dec 16 j 05:55	14°♐48'47	18°09'17
retrograde	-3872 Dec 22 j 19:45	18°♐17'20	
evening set	-3872 Dec 25 j 13:59	17°♐39'42	
inferior conj	-3872 Dec 31 j 23:34	12°♐27'19	3°55'51
minimum elong	-3872 Dec 31 j 21:43	12°♐32'05	3°55'31
min. Earth dist.	-3871 Jan 03 j 17:03	9°♐38'50	0.62487 AU
morning rise	-3871 Jan 07 j 04:36	6°♐34'37	
direct	-3871 Jan 14 j 06:11	3°♐56'48	
desc. node	-3871 Jan 26 j 20:59	10°♐26'59	
morning max el	-3871 Jan 28 j 03:59	11°♐40'50	27°42'54
	-3871 Feb 11 j 17:09	0°♑	
	-3871 Feb 28 j 23:48	0°♒	
morning set	-3871 Mar 02 j 18:09	3°♒31'59	
max. Earth dist.	-3871 Mar 08 j 10:40	15°♒25'30	1.32930 AU
superior conj	-3871 Mar 10 j 04:57	19°♒13'23	-0°33'07
minimum elong	-3871 Mar 10 j 06:26	19°♒21'24	0°32'55
asc. node	-3871 Mar 13 j 10:20	26°♒12'51	
	-3871 Mar 15 j 04:26	0°♓	
evening rise	-3871 Mar 17 j 05:48	4°♓22'43	
	-3871 Mar 31 j 03:07	0°♈	
evening max el	-3871 Apr 10 j 16:43	13°♈12'23	24°01'54
retrograde	-3871 Apr 24 j 11:36	20°♈06'57	
desc. node	-3871 Apr 24 j 19:44	20°♈06'42	
evening set	-3871 Apr 28 j 16:11	19°♈27'56	
min. Earth dist.	-3871 May 05 j 04:15	16°♈20'36	0.56423 AU
inferior conj	-3871 May 07 j 14:30	14°♈50'35	-3°10'52
minimum elong	-3871 May 07 j 08:35	14°♈59'48	3°09'25
morning rise	-3871 May 16 j 04:02	10°♈48'37	
direct	-3871 May 18 j 15:44	10°♈32'24	
morning max el	-3871 May 28 j 11:15	15°♈05'32	19°46'35
	-3871 Jun 08 j 05:57	0°♉	
asc. node	-3871 Jun 09 j 09:58	2°♉06'10	
morning set	-3871 Jun 15 j 04:24	13°♉16'58	
superior conj	-3871 Jun 23 j 03:58	29°♉22'32	1°43'28
minimum elong	-3871 Jun 23 j 02:06	29°♉13'16	1°43'31
	-3871 Jun 23 j 11:32	0°♊	
max. Earth dist.	-3871 Jun 28 j 18:50	10°♊15'06	1.37151 AU
evening rise	-3871 Jul 02 j 16:20	17°♊25'40	
	-3871 Jul 09 j 22:47	0°♋	
desc. node	-3871 Jul 21 j 18:41	18°♋19'27	
	-3871 Jul 30 j 09:50	0°♌	
evening max el	-3871 Aug 07 j 13:52	9°♌15'09	25°31'18
retrograde	-3871 Aug 19 j 16:14	16°♌14'27	
evening set	-3871 Aug 25 j 16:59	13°♌39'38	
min. Earth dist.	-3871 Aug 30 j 01:35	8°♌47'26	0.66802 AU
inferior conj	-3871 Aug 31 j 03:34	7°♌23'27	-1°43'43
minimum elong	-3871 Aug 31 j 05:58	7°♌15'42	1°42'40
asc. node	-3871 Sep 05 j 09:11	1°♌42'20	
morning rise	-3871 Sep 05 j 19:03	1°♌25'20	
direct	-3871 Sep 09 j 04:15	0°♌19'02	
morning max el	-3871 Sep 16 j 10:30	4°♌28'27	19°29'48
	-3871 Oct 04 j 14:54	0°♍	
morning set	-3871 Oct 10 j 14:28	9°♍17'24	
desc. node	-3871 Oct 17 j 18:25	20°♍28'54	
	-3871 Oct 23 j 19:27	0°♎	
max. Earth dist.	-3871 Oct 23 j 23:04	0°♎14'21	1.44404 AU
superior conj	-3871 Oct 27 j 07:43	5°♎35'08	-0°58'18
minimum elong	-3871 Oct 27 j 01:13	5°♎09'09	0°57'33
evening rise	-3871 Nov 10 j 15:55	29°♎01'14	
	-3871 Nov 11 j 06:00	0°♏	
evening max el	-3871 Nov 29 j 18:30	28°♏09'09	18°25'54
	-3871 Dec 01 j 20:03	0°♐	
asc. node	-3871 Dec 02 j 08:05	0°♐21'39	
retrograde	-3871 Dec 06 j 08:42	1°♐47'01	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3871 Dec 09 j 07:07	1°♐00'02	
	-3871 Dec 10 j 19:59	30℞♏	
inferior conj	-3871 Dec 15 j 07:43	25°♏28'49	3°32'11
minimum elong	-3871 Dec 15 j 04:46	25°♏37'14	3°31'28
min. Earth dist.	-3871 Dec 17 j 10:39	23°♏02'56	0.64156 AU
morning rise	-3871 Dec 21 j 01:56	19°♏26'30	
direct	-3871 Dec 28 j 00:12	16°♏35'59	
morning max el	-3870 Jan 10 j 12:43	24°♏18'49	27°25'20
desc. node	-3870 Jan 13 j 18:03	27°♏43'25	
	-3870 Jan 15 j 17:15	0°♐	
	-3870 Feb 05 j 01:22	0°♑	
morning set	-3870 Feb 14 j 13:30	17°♑34'34	
max. Earth dist.	-3870 Feb 19 j 12:54	27°♑39'08	1.33660 AU
	-3870 Feb 20 j 15:53	0°♒	
superior conj	-3870 Feb 22 j 11:21	3°♒49'26	-0°57'30
minimum elong	-3870 Feb 22 j 13:49	4°♒02'30	0°57'11
asc. node	-3870 Feb 28 j 07:19	16°♒16'04	
evening rise	-3870 Mar 01 j 16:58	19°♒13'22	
	-3870 Mar 07 j 01:20	0°♓	
evening max el	-3870 Mar 23 j 09:56	23°♓55'13	22°27'38
	-3870 Apr 02 j 19:46	0°♈	
retrograde	-3870 Apr 05 j 08:45	0°♈14'45	
	-3870 Apr 07 j 22:45	30℞♓	
evening set	-3870 Apr 08 j 08:46	29°♓54'57	
desc. node	-3870 Apr 11 j 16:52	28°♓50'39	
min. Earth dist.	-3870 Apr 16 j 18:23	26°♓15'38	0.55366 AU
inferior conj	-3870 Apr 17 j 17:11	25°♓43'10	-1°38'06
minimum elong	-3870 Apr 17 j 12:52	25°♓49'18	1°36'42
morning rise	-3870 Apr 26 j 18:47	21°♓46'03	
direct	-3870 Apr 29 j 09:18	21°♓30'28	
morning max el	-3870 May 10 j 21:27	26°♓53'54	21°02'57
	-3870 May 13 j 20:38	0°♈	
asc. node	-3870 May 27 j 06:57	21°♈33'26	
morning set	-3870 May 30 j 11:28	27°♈59'02	
	-3870 May 31 j 10:56	0°♉	
superior conj	-3870 Jun 06 j 23:55	13°♉35'37	1°31'17
minimum elong	-3870 Jun 06 j 21:19	13°♉22'16	1°31'08
max. Earth dist.	-3870 Jun 11 j 04:15	22°♉03'03	1.35515 AU
	-3870 Jun 15 j 06:40	0°♊	
evening rise	-3870 Jun 15 j 12:37	0°♊28'06	
	-3870 Jul 03 j 00:46	0°♋	
desc. node	-3870 Jul 08 j 15:42	8°♋02'24	
evening max el	-3870 Jul 21 j 00:51	22°♋45'16	26°32'54
	-3870 Aug 02 j 05:06	0°♌	
retrograde	-3870 Aug 02 j 21:45	0°♌01'40	
	-3870 Aug 03 j 14:11	30℞♋	
evening set	-3870 Aug 09 j 11:58	27°♋15'51	
min. Earth dist.	-3870 Aug 13 j 12:36	23°♋01'49	0.65973 AU
inferior conj	-3870 Aug 15 j 02:59	21°♋05'17	-2°33'26
minimum elong	-3870 Aug 15 j 06:21	20°♋55'06	2°32'10
morning rise	-3870 Aug 21 j 01:01	15°♋18'58	
asc. node	-3870 Aug 23 j 06:17	14°♋30'30	
direct	-3870 Aug 24 j 01:57	14°♋26'42	
morning max el	-3870 Aug 30 j 20:09	18°♋12'43	18°41'40
	-3870 Sep 08 j 16:45	0°♌	
morning set	-3870 Sep 20 j 13:07	18°♌47'51	
	-3870 Sep 27 j 13:32	0°♍	
desc. node	-3870 Oct 04 j 15:19	11°♍11'22	
superior conj	-3870 Oct 06 j 08:28	13°♍53'30	-0°10'53
minimum elong	-3870 Oct 06 j 07:02	13°♍47'51	0°10'39
behind sun begin	-3870 Oct 05 j 22:17	13°♍13'23	
behind sun end	-3870 Oct 06 j 15:47	14°♍22'19	
max. Earth dist.	-3870 Oct 06 j 16:19	14°♍24'25	1.44838 AU
	-3870 Oct 16 j 13:28	0°♎	
evening rise	-3870 Oct 22 j 09:29	9°♎16'34	
	-3870 Nov 04 j 12:22	0°♏	
evening max el	-3870 Nov 13 j 05:15	11°♏34'18	19°00'16
asc. node	-3870 Nov 19 j 05:10	15°♏25'42	
retrograde	-3870 Nov 20 j 03:02	15°♏30'23	
evening set	-3870 Nov 23 j 07:23	14°♏32'04	
inferior conj	-3870 Nov 29 j 01:09	8°♏44'55	2°56'51
minimum elong	-3870 Nov 28 j 22:00	8°♏54'42	2°55'51
min. Earth dist.	-3870 Nov 30 j 13:45	6°♏51'08	0.65480 AU
morning rise	-3870 Dec 04 j 12:17	2°♏35'50	
	-3870 Dec 09 j 03:56	30℞♎	
direct	-3870 Dec 11 j 00:44	29°♎46'51	
	-3870 Dec 12 j 23:17	0°♏	
morning max el	-3870 Dec 23 j 22:25	7°♏18'35	26°37'15
desc. node	-3870 Dec 31 j 15:05	16°♏05'57	
	-3869 Jan 10 j 15:13	0°♐	
	-3869 Jan 28 j 09:10	0°♑	
morning set	-3869 Jan 28 j 21:32	0°♑58'27	
max. Earth dist.	-3869 Feb 02 j 04:12	9°♑17'03	1.34825 AU
superior conj	-3869 Feb 06 j 12:06	18°♑04'05	-1°19'51
minimum elong	-3869 Feb 06 j 15:11	18°♑20'01	1°19'33
	-3869 Feb 12 j 05:19	0°♒	
evening rise	-3869 Feb 14 j 01:56	3°♒51'52	
asc. node	-3869 Feb 15 j 04:20	6°♒07'34	
	-3869 Mar 01 j 00:07	0°♓	
evening max el	-3869 Mar 05 j 10:37	4°♓59'14	21°00'21
retrograde	-3869 Mar 16 j 22:27	10°♓28'25	
evening set	-3869 Mar 19 j 07:50	10°♓15'04	
inferior conj	-3869 Mar 28 j 12:29	6°♓16'55	0°17'42
minimum elong	-3869 Mar 28 j 13:18	6°♓15'46	0°17'21
min. Earth dist.	-3869 Mar 29 j 08:40	5°♓48'11	0.55203 AU
desc. node	-3869 Mar 29 j 14:01	5°♓40'35	
morning rise	-3869 Apr 06 j 18:06	2°♓06'55	
direct	-3869 Apr 09 j 21:21	1°♓45'27	
morning max el	-3869 Apr 22 j 21:08	8°♓02'02	22°34'54
	-3869 May 08 j 09:33	0°♈	
asc. node	-3869 May 14 j 03:56	11°♈20'47	
morning set	-3869 May 14 j 21:58	12°♈54'20	
superior conj	-3869 May 22 j 03:14	28°♈12'44	1°14'18
minimum elong	-3869 May 22 j 00:37	27°♈58'50	1°13'59
	-3869 May 22 j 23:33	0°♉	
max. Earth dist.	-3869 May 24 j 23:43	4°♉11'43	1.34241 AU
evening rise	-3869 May 29 j 23:29	14°♉16'19	
	-3869 Jun 07 j 11:34	0°♊	
desc. node	-3869 Jun 25 j 12:46	27°♊10'27	
	-3869 Jun 27 j 20:16	0°♋	
evening max el	-3869 Jul 03 j 12:17	6°♋06'55	27°13'04
retrograde	-3869 Jul 16 j 21:55	13°♋29'59	
evening set	-3869 Jul 23 j 22:02	10°♋42'49	
min. Earth dist.	-3869 Jul 27 j 16:01	7°♋05'51	0.64773 AU
inferior conj	-3869 Jul 29 j 19:56	4°♋41'02	-3°17'57
minimum elong	-3869 Jul 29 j 23:45	4°♋30'23	3°16'47
	-3869 Aug 03 j 16:26	30℞♊	
morning rise	-3869 Aug 05 j 02:02	29°♊09'37	
direct	-3869 Aug 07 j 21:04	28°♊28'09	
asc. node	-3869 Aug 10 j 03:21	28°♊55'12	
	-3869 Aug 12 j 02:20	0°♋	
morning max el	-3869 Aug 14 j 09:42	1°♋59'04	18°10'17
morning set	-3869 Sep 01 j 15:21	29°♋38'20	
	-3869 Sep 01 j 20:32	0°♌	
superior conj	-3869 Sep 15 j 13:16	22°♌28'06	0°37'20
minimum elong	-3869 Sep 15 j 17:34	22°♌45'18	0°36'54
max. Earth dist.	-3869 Sep 19 j 10:02	28°♌37'33	1.44546 AU
	-3869 Sep 20 j 06:52	0°♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3869 Sep 21 j 12:14	1°♍55'54		
evening rise	-3869 Oct 02 j 03:16	18°♍31'43		
	-3869 Oct 09 j 13:34	0°♎		
greatest brilliancy	-3869 Oct 15 j 00:15	8°♎16'34	-0.7m	
evening max el	-3869 Oct 27 j 11:57	25°♎01'07	19°50'43	
retrograde	-3869 Nov 03 j 23:51	29°♎23'23		
asc. node	-3869 Nov 06 j 02:17	28°♎57'46		
evening set	-3869 Nov 07 j 12:17	28°♎11'10		
inferior conj	-3869 Nov 13 j 01:02	22°♎11'06	2°13'32	
minimum elong	-3869 Nov 12 j 22:19	22°♎20'02	2°12'32	
min. Earth dist.	-3869 Nov 14 j 00:36	20°♎53'27	0.66449 AU	
morning rise	-3869 Nov 18 j 08:08	15°♎57'46		
direct	-3869 Nov 24 j 06:57	13°♎21'14		
morning max el	-3869 Dec 06 j 07:19	20°♎28'21	25°26'47	
	-3869 Dec 14 j 13:05	0°♏		
desc. node	-3869 Dec 18 j 12:04	5°♏14'51		
	-3868 Jan 03 j 19:09	0°♐		
morning set	-3868 Jan 11 j 13:23	13°♐28'28		
max. Earth dist.	-3868 Jan 15 j 07:53	20°♐26'37	1.36438 AU	
	-3868 Jan 20 j 06:36	0°♑		
superior conj	-3868 Jan 21 j 04:24	1°♑48'05	-1°38'30	
minimum elong	-3868 Jan 21 j 07:27	2°♑03'15	1°38'22	
evening rise	-3868 Jan 29 j 06:39	18°♑11'12		
asc. node	-3868 Feb 02 j 01:23	25°♑41'24		
	-3868 Feb 04 j 08:10	0°♒		
evening max el	-3868 Feb 15 j 21:37	16°♒36'43	19°48'06	
retrograde	-3868 Feb 25 j 16:33	21°♒15'23		
evening set	-3868 Feb 27 j 23:59	21°♒01'03		
inferior conj	-3868 Mar 07 j 14:22	16°♒58'54	2°04'36	
minimum elong	-3868 Mar 07 j 18:59	16°♒51'41	2°03'06	
min. Earth dist.	-3868 Mar 09 j 23:00	15°♒31'01	0.55968 AU	
desc. node	-3868 Mar 15 j 11:09	12°♒42'52		
morning rise	-3868 Mar 16 j 11:39	12°♒22'11		
direct	-3868 Mar 20 j 15:56	11°♒43'19		
morning max el	-3868 Apr 03 j 13:26	18°♒41'12	24°14'03	
	-3868 Apr 12 j 22:10	0°♓		
morning set	-3868 Apr 28 j 10:03	27°♓55'49		
	-3868 Apr 29 j 09:35	0°♈		
asc. node	-3868 Apr 30 j 00:56	1°♈21'33		
superior conj	-3868 May 05 j 11:18	13°♈04'35	0°53'50	
minimum elong	-3868 May 05 j 09:09	12°♈52'59	0°53'27	
max. Earth dist.	-3868 May 07 j 04:27	16°♈45'48	1.33337 AU	
evening rise	-3868 May 12 j 20:37	28°♈36'04		
	-3868 May 13 j 13:19	0°♉		
	-3868 May 30 j 15:49	0°♊		
desc. node	-3868 Jun 11 j 09:52	15°♊28'15		
evening max el	-3868 Jun 14 j 22:20	19°♊07'02	27°25'10	
retrograde	-3868 Jun 28 j 15:58	26°♊30'22		
evening set	-3868 Jul 05 j 19:47	23°♊54'29		
min. Earth dist.	-3868 Jul 09 j 09:58	20°♊49'10	0.63197 AU	
inferior conj	-3868 Jul 12 j 03:40	18°♊04'27	-3°53'54	
minimum elong	-3868 Jul 12 j 07:05	17°♊55'51	3°53'09	
morning rise	-3868 Jul 18 j 19:20	12°♊51'11		
direct	-3868 Jul 21 j 10:40	12°♊17'51		
asc. node	-3868 Jul 27 j 00:24	14°♊46'06		
morning max el	-3868 Jul 28 j 00:36	15°♊42'04	17°56'44	
	-3868 Aug 07 j 01:18	0°♋		
morning set	-3868 Aug 13 j 18:01	11°♋38'47		
	-3868 Aug 24 j 09:28	0°♌		
superior conj	-3868 Aug 25 j 16:45	2°♌10'56	1°15'09	
minimum elong	-3868 Aug 25 j 22:28	2°♌34'45	1°14'41	
max. Earth dist.	-3868 Sep 01 j 01:26	12°♌36'41	1.43565 AU	
desc. node	-3868 Sep 07 j 09:13	22°♌39'38		
evening rise	-3868 Sep 10 j 07:53	27°♌14'58		
	-3868 Sep 12 j 02:37	0°♍		
	-3868 Oct 02 j 12:52	0°♎		
evening max el	-3868 Oct 09 j 13:01	8°♎27'52	20°54'56	
retrograde	-3868 Oct 17 j 20:56	13°♎23'27		
evening set	-3868 Oct 21 j 19:40	11°♎54'45		
asc. node	-3868 Oct 22 j 23:24	10°♎55'11		
inferior conj	-3868 Oct 27 j 05:05	5°♎44'57	1°24'59	
minimum elong	-3868 Oct 27 j 03:13	5°♎51'20	1°24'14	
min. Earth dist.	-3868 Oct 27 j 17:04	5°♎04'05	0.67077 AU	
	-3868 Oct 31 j 21:28	30°℞♍		
morning rise	-3868 Nov 01 j 10:36	29°♍29'48		
direct	-3868 Nov 06 j 18:10	27°♍12'21		
	-3868 Nov 13 j 11:47	0°♎		
morning max el	-3868 Nov 17 j 16:04	3°♎42'50	24°03'38	
desc. node	-3868 Dec 04 j 09:03	24°♎56'54		
	-3868 Dec 07 j 19:37	0°♏		
morning set	-3868 Dec 23 j 07:10	24°♏49'05		
	-3868 Dec 26 j 06:28	0°♐		
max. Earth dist.	-3868 Dec 27 j 04:40	1°♐38'38	1.38397 AU	
superior conj	-3867 Jan 03 j 08:39	14°♐51'45	-1°51'11	
minimum elong	-3867 Jan 03 j 10:36	15°♐00'58	1°51'15	
	-3867 Jan 11 j 03:20	0°♑		
evening rise	-3867 Jan 12 j 04:50	2°♑05'21		
asc. node	-3867 Jan 18 j 22:27	14°♑51'18		
evening max el	-3867 Jan 28 j 18:39	28°♑49'01	18°54'44	
	-3867 Jan 30 j 02:46	0°♒		
retrograde	-3867 Feb 06 j 02:30	2°♒49'17		
evening set	-3867 Feb 08 j 12:36	2°♒30'22		
	-3867 Feb 13 j 19:10	30°℞♑		
inferior conj	-3867 Feb 16 j 09:33	28°♑12'09	3°18'32	
minimum elong	-3867 Feb 16 j 13:59	28°♑04'08	3°17'31	
min. Earth dist.	-3867 Feb 19 j 14:33	25°♑54'41	0.57470 AU	
morning rise	-3867 Feb 24 j 12:49	23°♑05'45		
direct	-3867 Mar 01 j 22:45	21°♑55'34		
desc. node	-3867 Mar 02 j 08:16	21°♑55'57		
morning max el	-3867 Mar 16 j 04:36	29°♑18'25	25°46'49	
	-3867 Mar 16 j 21:32	0°♒		
	-3867 Apr 06 j 10:15	0°♓		
morning set	-3867 Apr 12 j 22:01	12°♓57'36		
asc. node	-3867 Apr 16 j 21:56	21°♓30'54		
superior conj	-3867 Apr 19 j 22:06	28°♓04'24	0°30'56	
minimum elong	-3867 Apr 19 j 20:46	27°♓57'09	0°30'38	
max. Earth dist.	-3867 Apr 20 j 15:25	29°♓38'50	1.32782 AU	
	-3867 Apr 20 j 19:18	0°♈		
evening rise	-3867 Apr 27 j 00:45	13°♈16'46		
	-3867 May 05 j 16:12	0°♉		
	-3867 May 26 j 15:01	0°♊		
evening max el	-3867 May 28 j 04:19	1°♊32'39	27°04'59	
desc. node	-3867 May 29 j 06:59	2°♊34'33		
retrograde	-3867 Jun 11 j 03:09	8°♊54'03		
evening set	-3867 Jun 18 j 01:12	6°♊43'12		
min. Earth dist.	-3867 Jun 21 j 17:48	3°♊57'58	0.61308 AU	
inferior conj	-3867 Jun 24 j 22:55	1°♊07'43	-4°16'11	
minimum elong	-3867 Jun 25 j 00:39	1°♊03'53	4°15'55	
	-3867 Jun 26 j 05:53	30°℞♉		
morning rise	-3867 Jul 02 j 01:41	26°♉15'20		
direct	-3867 Jul 04 j 14:59	25°♉48'19		
morning max el	-3867 Jul 11 j 14:08	29°♉15'26	18°01'51	
	-3867 Jul 12 j 07:45	0°♊		
asc. node	-3867 Jul 13 j 21:28	1°♊47'55		
morning set	-3867 Jul 27 j 15:27	24°♊33'17		
	-3867 Jul 30 j 14:36	0°♋		
superior conj	-3867 Aug 06 j 23:53	13°♋16'01	1°38'26	
minimum elong	-3867 Aug 07 j 03:39	13°♋32'30	1°38'19	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3867 Aug 14 j 11:36	26°♋02'50	1.42032 AU
	-3867 Aug 16 j 21:12	0°♌	
evening rise	-3867 Aug 20 j 18:32	6°♌16'10	
desc. node	-3867 Aug 25 j 06:12	13°♌18'44	
	-3867 Sep 05 j 09:33	0°♍	
evening max el	-3867 Sep 22 j 07:47	21°♍53'04	22°09'42
retrograde	-3867 Oct 01 j 16:34	27°♍27'02	
evening set	-3867 Oct 06 j 03:39	25°♍39'43	
asc. node	-3867 Oct 09 j 20:31	21°♍35'35	
inferior conj	-3867 Oct 11 j 11:18	19°♍23'35	0°33'07
minimum elong	-3867 Oct 11 j 10:32	19°♍26'13	0°32'50
min. Earth dist.	-3867 Oct 11 j 12:42	19°♍18'43	0.67390 AU
morning rise	-3867 Oct 16 j 17:18	13°♍09'15	
direct	-3867 Oct 21 j 09:47	11°♍13'21	
morning max el	-3867 Oct 31 j 03:05	17°♍00'44	22°37'11
	-3867 Nov 10 j 18:31	0°♎	
desc. node	-3867 Nov 21 j 06:01	15°♎01'54	
	-3867 Nov 30 j 22:13	0°♏	
morning set	-3867 Dec 03 j 21:16	4°♏46'59	
max. Earth dist.	-3867 Dec 09 j 01:47	13°♏25'35	1.40470 AU
superior conj	-3867 Dec 16 j 20:00	27°♏01'43	-1°54'51
minimum elong	-3867 Dec 16 j 19:24	26°♏58'58	1°54'58
	-3867 Dec 18 j 11:14	0°♐	
evening rise	-3867 Dec 26 j 17:30	15°♐26'31	
	-3866 Jan 03 j 16:35	0°♑	
asc. node	-3866 Jan 05 j 19:30	3°♑28'50	
evening max el	-3866 Jan 11 j 23:39	11°♑29'59	18°21'29
retrograde	-3866 Jan 19 j 07:02	15°♑07'08	
evening set	-3866 Jan 21 j 20:13	14°♑41'54	
inferior conj	-3866 Jan 29 j 01:14	10°♑03'06	3°55'21
minimum elong	-3866 Jan 29 j 03:08	9°♑59'07	3°55'03
min. Earth dist.	-3866 Feb 01 j 10:07	7°♑14'58	0.59388 AU
morning rise	-3866 Feb 05 j 08:03	4°♑33'10	
direct	-3866 Feb 11 j 18:08	2°♑43'47	
desc. node	-3866 Feb 17 j 05:23	3°♑58'37	
morning max el	-3866 Feb 26 j 00:04	10°♑20'17	26°58'07
	-3866 Mar 13 j 04:32	0°♒	
morning set	-3866 Mar 28 j 08:10	27°♒53'08	
	-3866 Mar 29 j 08:23	0°♓	
asc. node	-3866 Apr 03 j 18:58	11°♓44'21	
superior conj	-3866 Apr 04 j 09:52	13°♓05'54	0°06'30
minimum elong	-3866 Apr 04 j 09:35	13°♓04'20	0°06'23
behind sun begin	-3866 Apr 04 j 04:59	12°♓39'10	
behind sun end	-3866 Apr 04 j 14:11	13°♓29'31	
max. Earth dist.	-3866 Apr 04 j 04:49	12°♓38'13	1.32558 AU
evening rise	-3866 Apr 11 j 09:23	28°♓09'48	
	-3866 Apr 12 j 06:33	0°♈	
	-3866 Apr 29 j 05:18	0°♉	
evening max el	-3866 May 10 j 04:13	13°♉16'29	26°12'45
desc. node	-3866 May 16 j 04:06	18°♉00'22	
retrograde	-3866 May 24 j 06:18	20°♉34'14	
evening set	-3866 May 30 j 10:25	18°♉59'38	
min. Earth dist.	-3866 Jun 03 j 17:03	16°♉17'42	0.59262 AU
inferior conj	-3866 Jun 07 j 02:05	13°♉42'14	-4°17'05
minimum elong	-3866 Jun 07 j 00:42	13°♉44'53	4°16'55
morning rise	-3866 Jun 14 j 17:29	9°♉11'48	
direct	-3866 Jun 17 j 05:40	8°♉49'56	
morning max el	-3866 Jun 24 j 23:28	12°♉31'41	18°26'29
asc. node	-3866 Jun 30 j 18:31	19°♉45'55	
	-3866 Jul 06 j 18:53	0°♊	
morning set	-3866 Jul 11 j 02:45	8°♊09'51	
superior conj	-3866 Jul 20 j 07:00	25°♊33'44	1°48'19
minimum elong	-3866 Jul 20 j 08:03	25°♊38'35	1°48'27
	-3866 Jul 22 j 17:14	0°♋	

max. Earth dist.	-3866 Jul 27 j 15:43	8°♋44'31	1.40163 AU
evening rise	-3866 Aug 01 j 03:14	16°♋20'50	
	-3866 Aug 09 j 15:18	0°♌	
desc. node	-3866 Aug 12 j 03:11	3°♌49'41	
	-3866 Aug 31 j 01:59	0°♍	
evening max el	-3866 Sep 04 j 21:27	5°♍19'07	23°30'01
retrograde	-3866 Sep 15 j 09:20	11°♍31'37	
evening set	-3866 Sep 20 j 10:26	9°♍24'51	
inferior conj	-3866 Sep 25 j 17:54	3°♍05'55	-0°20'17
minimum elong	-3866 Sep 25 j 18:23	3°♍04'18	0°20'01
min. Earth dist.	-3866 Sep 25 j 09:08	3°♍35'59	0.67404 AU
asc. node	-3866 Sep 26 j 17:37	1°♍45'15	
	-3866 Sep 28 j 02:07	30°℞♌	
morning rise	-3866 Oct 01 j 02:15	26°♌55'15	
direct	-3866 Oct 05 j 05:00	25°♌20'26	
	-3866 Oct 13 j 09:28	0°♍	
morning max el	-3866 Oct 13 j 19:22	0°♍24'52	21°15'29
	-3866 Nov 04 j 13:59	0°♎	
desc. node	-3866 Nov 08 j 02:59	5°♎23'20	
morning set	-3866 Nov 13 j 08:10	13°♎29'05	
max. Earth dist.	-3866 Nov 21 j 04:33	26°♎03'57	1.42370 AU
	-3866 Nov 23 j 13:49	0°♏	
superior conj	-3866 Nov 28 j 08:51	8°♏04'45	-1°45'44
minimum elong	-3866 Nov 28 j 04:32	7°♏46'19	1°45'34
evening rise	-3866 Dec 09 j 17:03	28°♏07'06	
	-3866 Dec 10 j 18:03	0°♐	
asc. node	-3866 Dec 23 j 16:34	21°♐24'21	
evening max el	-3866 Dec 26 j 09:53	24°♐32'19	18°08'12
retrograde	-3865 Jan 02 j 03:25	28°♐00'24	
evening set	-3865 Jan 04 j 19:39	27°♐27'39	
inferior conj	-3865 Jan 11 j 11:34	22°♐27'31	4°02'07
minimum elong	-3865 Jan 11 j 10:50	22°♐29'17	4°01'56
min. Earth dist.	-3865 Jan 14 j 12:40	19°♐32'36	0.61398 AU
morning rise	-3865 Jan 18 j 00:44	16°♐41'40	
direct	-3865 Jan 25 j 00:04	14°♐17'31	
desc. node	-3865 Feb 04 j 02:28	18°♐31'23	
morning max el	-3865 Feb 08 j 01:38	22°♐00'41	27°36'56
	-3865 Feb 15 j 03:10	0°♑	
	-3865 Mar 06 j 04:30	0°♒	
morning set	-3865 Mar 12 j 14:29	12°♒34'50	
max. Earth dist.	-3865 Mar 18 j 16:50	25°♒29'55	1.32684 AU
superior conj	-3865 Mar 19 j 20:56	28°♒02'40	-0°18'40
minimum elong	-3865 Mar 19 j 21:46	28°♒07'15	0°18'34
	-3865 Mar 20 j 18:27	0°♓	
asc. node	-3865 Mar 21 j 15:57	1°♓57'14	
evening rise	-3865 Mar 26 j 20:24	13°♓07'18	
	-3865 Apr 04 j 10:42	0°♈	
evening max el	-3865 Apr 21 j 22:21	24°♈21'32	24°54'25
	-3865 Apr 29 j 17:59	0°♉	
desc. node	-3865 May 03 j 01:13	1°♉08'44	
retrograde	-3865 May 05 j 22:58	1°♉28'24	
evening set	-3865 May 10 j 22:01	0°♉32'00	
	-3865 May 12 j 04:59	30°℞♈	
min. Earth dist.	-3865 May 16 j 10:36	27°♈37'13	0.57338 AU
inferior conj	-3865 May 19 j 09:55	25°♈38'28	-3°46'28
minimum elong	-3865 May 19 j 05:05	25°♈46'34	3°45'35
morning rise	-3865 May 27 j 15:13	21°♈27'38	
direct	-3865 May 30 j 02:44	21°♈09'49	
morning max el	-3865 Jun 08 j 01:34	25°♈20'25	19°11'23
	-3865 Jun 12 j 04:12	0°♉	
asc. node	-3865 Jun 17 j 15:33	8°♉26'28	
morning set	-3865 Jun 24 j 24:00	22°♉18'00	
	-3865 Jun 28 j 20:57	0°♊	
superior conj	-3865 Jul 03 j 08:12	8°♊47'00	1°47'37

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3865 Jul 03 j 07:09	8°♊41'52	1°47'44	
max. Earth dist.	-3865 Jul 09 j 17:15	20°♊47'09	1.38217 AU	
evening rise	-3865 Jul 13 j 14:09	27°♊42'14		
	-3865 Jul 14 j 21:50	0°♋		
desc. node	-3865 Jul 30 j 00:11	24°♋07'09		
	-3865 Aug 03 j 02:11	0°♌		
evening max el	-3865 Aug 18 j 08:35	18°♌48'23	24°49'20	
retrograde	-3865 Aug 29 j 22:11	25°♌33'14		
evening set	-3865 Sep 04 j 14:14	23°♌07'58		
min. Earth dist.	-3865 Sep 09 j 03:50	17°♌54'08	0.67114 AU	
inferior conj	-3865 Sep 09 j 23:10	16°♌49'50	-1°13'39	
minimum elong	-3865 Sep 10 j 00:54	16°♌44'06	1°12'51	
asc. node	-3865 Sep 13 j 14:43	12°♌23'08		
morning rise	-3865 Sep 15 j 11:34	10°♌46'01		
direct	-3865 Sep 19 j 02:34	9°♌30'02		
morning max el	-3865 Sep 26 j 18:42	13°♌57'11	20°04'22	
	-3865 Oct 08 j 23:47	0°♍		
morning set	-3865 Oct 23 j 06:13	21°♍40'43		
desc. node	-3865 Oct 25 j 23:56	25°♍55'59		
	-3865 Oct 28 j 14:21	0°♎		
max. Earth dist.	-3865 Nov 03 j 14:49	9°♎31'39	1.43835 AU	
superior conj	-3865 Nov 08 j 18:36	17°♎51'04	-1°20'26	
minimum elong	-3865 Nov 08 j 11:37	17°♎22'37	1°19'47	
	-3865 Nov 16 j 02:33	0°♏		
evening rise	-3865 Nov 21 j 23:04	9°♏58'11		
	-3865 Dec 03 j 22:36	0°♐		
evening max el	-3865 Dec 09 j 22:29	7°♐48'31	18°14'12	
asc. node	-3865 Dec 10 j 13:38	8°♐25'25		
retrograde	-3865 Dec 16 j 11:26	11°♐19'31		
evening set	-3865 Dec 19 j 07:20	10°♐38'05		
inferior conj	-3865 Dec 25 j 12:49	5°♐17'40	3°47'32	
minimum elong	-3865 Dec 25 j 10:24	5°♐24'15	3°47'02	
min. Earth dist.	-3865 Dec 28 j 00:21	2°♐37'04	0.63237 AU	
	-3865 Dec 30 j 17:36	30°℞♏		
morning rise	-3865 Dec 31 j 12:46	29°♏20'45		
direct	-3864 Jan 07 j 14:10	26°♏35'23		
	-3864 Jan 16 j 07:29	0°♐		
morning max el	-3864 Jan 21 j 08:16	4°♐19'42	27°39'33	
desc. node	-3864 Jan 21 j 23:31	4°♐57'52		
	-3864 Feb 09 j 16:56	0°♑		
morning set	-3864 Feb 24 j 14:40	26°♑54'42		
	-3864 Feb 26 j 03:19	0°♒		
max. Earth dist.	-3864 Feb 29 j 23:43	8°♒01'04	1.33188 AU	
superior conj	-3864 Mar 03 j 05:36	12°♒48'41	-0°43'36	
minimum elong	-3864 Mar 03 j 07:31	12°♒59'01	0°43'20	
asc. node	-3864 Mar 07 j 12:57	22°♒05'38		
evening rise	-3864 Mar 10 j 08:03	28°♒02'49		
	-3864 Mar 11 j 06:28	0°♓		
	-3864 Mar 28 j 22:57	0°♈		
evening max el	-3864 Apr 02 j 14:21	5°♈05'35	23°21'47	
retrograde	-3864 Apr 16 j 02:36	11°♈46'50		
desc. node	-3864 Apr 18 j 22:19	11°♈29'16		
evening set	-3864 Apr 19 j 17:43	11°♈17'58		
min. Earth dist.	-3864 Apr 27 j 01:18	7°♈58'42	0.55882 AU	
inferior conj	-3864 Apr 28 j 21:57	6°♈52'37	-2°36'00	
minimum elong	-3864 Apr 28 j 16:07	7°♈01'18	2°34'20	
morning rise	-3864 May 07 j 17:07	2°♈54'10		
direct	-3864 May 10 j 05:24	2°♈38'36		
morning max el	-3864 May 20 j 17:54	7°♈32'12	20°16'41	
asc. node	-3864 Jun 03 j 12:34	27°♈39'18		
	-3864 Jun 04 j 17:54	0°♉		
morning set	-3864 Jun 08 j 04:12	6°♉49'55		
superior conj	-3864 Jun 15 j 22:30	22°♉41'35	1°39'00	
minimum elong	-3864 Jun 15 j 20:13	22°♉30'07	1°38'57	
	-3864 Jun 19 j 14:46	0°♊		
max. Earth dist.	-3864 Jun 20 j 22:34	2°♊34'12	1.36425 AU	
evening rise	-3864 Jun 24 j 23:50	10°♊12'05		
	-3864 Jul 06 j 12:41	0°♋		
desc. node	-3864 Jul 15 j 21:12	14°♋04'58		
	-3864 Jul 28 j 12:48	0°♌		
evening max el	-3864 Jul 30 j 19:29	2°♌20'08	25°59'40	
retrograde	-3864 Aug 12 j 06:19	9°♌27'17		
evening set	-3864 Aug 18 j 13:04	6°♌47'10		
min. Earth dist.	-3864 Aug 22 j 18:19	2°♌10'56	0.66497 AU	
inferior conj	-3864 Aug 24 j 01:18	0°♌33'11	-2°05'17	
minimum elong	-3864 Aug 24 j 04:09	0°♌24'11	2°04'06	
	-3864 Aug 24 j 11:50	30°℞♋		
morning rise	-3864 Aug 29 j 19:22	24°♋39'30		
asc. node	-3864 Aug 30 j 11:49	24°♋16'42		
direct	-3864 Sep 02 j 00:51	23°♋39'23		
morning max el	-3864 Sep 09 j 01:00	27°♋37'33	19°07'18	
	-3864 Sep 11 j 04:11	0°♌		
	-3864 Oct 01 j 07:31	0°♍		
morning set	-3864 Oct 01 j 15:03	0°♍29'37		
desc. node	-3864 Oct 11 j 20:50	16°♍35'34		
max. Earth dist.	-3864 Oct 16 j 06:53	23°♍33'17	1.44680 AU	
superior conj	-3864 Oct 18 j 03:20	26°♍28'58	-0°39'08	
minimum elong	-3864 Oct 17 j 22:27	26°♍09'37	0°38'30	
	-3864 Oct 20 j 08:35	0°♎		
evening rise	-3864 Nov 02 j 06:54	20°♎50'07		
	-3864 Nov 07 j 21:16	0°♏		
evening max el	-3864 Nov 22 j 10:38	21°♏11'23	18°38'30	
asc. node	-3864 Nov 26 j 10:44	24°♏16'32		
retrograde	-3864 Nov 29 j 03:02	24°♏55'37		
evening set	-3864 Dec 02 j 03:51	24°♏03'55		
inferior conj	-3864 Dec 08 j 01:16	18°♏25'30	3°18'21	
minimum elong	-3864 Dec 07 j 22:09	18°♏34'46	3°17'30	
min. Earth dist.	-3864 Dec 09 j 21:55	16°♏12'47	0.64764 AU	
morning rise	-3864 Dec 13 j 16:05	12°♏20'17		
direct	-3864 Dec 20 j 10:53	9°♏29'03		
morning max el	-3863 Jan 02 j 17:34	17°♏07'42	27°08'17	
desc. node	-3863 Jan 07 j 20:33	22°♏44'48		
	-3863 Jan 13 j 13:01	0°♐		
	-3863 Feb 01 j 12:25	0°♑		
morning set	-3863 Feb 07 j 05:41	10°♑41'55		
max. Earth dist.	-3863 Feb 11 j 21:44	20°♑00'10	1.34105 AU	
superior conj	-3863 Feb 15 j 09:52	27°♑16'22	-1°07'18	
minimum elong	-3863 Feb 15 j 12:39	27°♑31'00	1°06'59	
	-3863 Feb 16 j 16:56	0°♒		
asc. node	-3863 Feb 22 j 09:58	12°♒04'27		
evening rise	-3863 Feb 22 j 18:31	12°♒49'06		
	-3863 Mar 03 j 15:59	0°♓		
evening max el	-3863 Mar 15 j 10:06	15°♓54'21	21°49'00	
retrograde	-3863 Mar 27 j 19:02	21°♓53'14		
evening set	-3863 Mar 30 j 11:17	21°♓37'12		
desc. node	-3863 Apr 05 j 19:27	19°♓12'33		
inferior conj	-3863 Apr 08 j 19:48	17°♓33'22	-0°50'03	
minimum elong	-3863 Apr 08 j 17:29	17°♓36'38	0°49'17	
min. Earth dist.	-3863 Apr 08 j 15:04	17°♓40'01	0.55190 AU	
morning rise	-3863 Apr 18 j 00:30	13°♓33'19		
direct	-3863 Apr 20 j 19:08	13°♓16'13		
morning max el	-3863 May 02 j 23:18	19°♓02'03	21°40'30	
	-3863 May 11 j 19:13	0°♈		
asc. node	-3863 May 21 j 09:35	17°♈15'56		
morning set	-3863 May 23 j 13:00	21°♈38'31		
	-3863 May 27 j 12:47	0°♉		
superior conj	-3863 May 30 j 21:56	7°♉05'52	1°24'35	
minimum elong	-3863 May 30 j 19:16	6°♉51'54	1°24'21	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3863 Jun 03 j 12:25	14°♉30'29	1.34932 AU
evening rise	-3863 Jun 08 j 02:54	23°♉35'29	
	-3863 Jun 11 j 12:48	0°♊	
	-3863 Jun 30 j 03:02	0°♋	
desc. node	-3863 Jul 02 j 18:14	3°♋34'38	
evening max el	-3863 Jul 13 j 06:50	15°♋48'14	26°52'59
retrograde	-3863 Jul 26 j 09:27	23°♋07'50	
evening set	-3863 Aug 02 j 04:38	20°♋19'59	
min. Earth dist.	-3863 Aug 06 j 02:14	16°♋22'17	0.65514 AU
inferior conj	-3863 Aug 07 j 22:17	14°♋13'06	-2°53'08
minimum elong	-3863 Aug 08 j 01:55	14°♋02'26	2°51'51
morning rise	-3863 Aug 13 j 23:35	8°♋32'54	
direct	-3863 Aug 16 j 21:49	7°♋45'29	
asc. node	-3863 Aug 17 j 08:55	7°♋46'40	
morning max el	-3863 Aug 23 j 12:40	11°♋23'39	18°26'15
	-3863 Sep 05 j 13:44	0°♌	
morning set	-3863 Sep 12 j 01:31	10°♌35'01	
	-3863 Sep 24 j 02:45	0°♍	
superior conj	-3863 Sep 27 j 02:55	4°♍46'01	0°10'17
minimum elong	-3863 Sep 27 j 04:15	4°♍51'18	0°10'12
behind sun begin	-3863 Sep 26 j 19:23	4°♍16'12	
behind sun end	-3863 Sep 27 j 13:08	5°♍26'22	
desc. node	-3863 Sep 28 j 17:46	7°♍19'25	
max. Earth dist.	-3863 Sep 29 j 01:20	7°♍49'16	1.44803 AU
	-3863 Oct 13 j 04:00	0°♎	
evening rise	-3863 Oct 13 j 13:57	0°♎39'05	
greatest brilliancy	-3863 Oct 23 j 16:06	16°♎27'00	-0.8m
	-3863 Nov 01 j 22:27	0°♏	
evening max el	-3863 Nov 05 j 19:53	4°♏37'19	19°19'49
retrograde	-3863 Nov 12 j 22:51	8°♏43'43	
asc. node	-3863 Nov 13 j 07:50	8°♏42'55	
evening set	-3863 Nov 16 j 06:24	7°♏39'40	
inferior conj	-3863 Nov 21 j 21:47	1°♏46'20	2°39'15
minimum elong	-3863 Nov 21 j 18:46	1°♏56'00	2°38'14
min. Earth dist.	-3863 Nov 23 j 04:33	0°♏07'58	0.65933 AU
	-3863 Nov 23 j 07:04	30°℞♎	
morning rise	-3863 Nov 27 j 06:52	25°♎35'07	
direct	-3863 Dec 03 j 13:42	22°♎50'42	
	-3863 Dec 15 j 21:51	0°♏	
morning max el	-3863 Dec 16 j 03:15	0°♏13'27	26°09'33
desc. node	-3863 Dec 25 j 17:34	11°♏28'47	
	-3862 Jan 07 j 11:41	0°♐	
morning set	-3862 Jan 21 j 07:28	23°♐44'23	
	-3862 Jan 24 j 14:44	0°♑	
max. Earth dist.	-3862 Jan 25 j 08:16	1°♑24'59	1.35464 AU
superior conj	-3862 Jan 30 j 07:23	11°♑18'27	-1°28'20
minimum elong	-3862 Jan 30 j 10:33	11°♑34'36	1°28'06
evening rise	-3862 Feb 07 j 01:56	27°♑19'58	
	-3862 Feb 08 j 09:21	0°♒	
asc. node	-3862 Feb 09 j 06:59	1°♒48'55	
evening max el	-3862 Feb 25 j 14:49	27°♒10'39	20°27'22
	-3862 Mar 01 j 03:49	0°♓	
retrograde	-3862 Mar 08 j 09:23	2°♓18'06	
evening set	-3862 Mar 10 j 16:47	2°♓04'58	
	-3862 Mar 16 j 07:31	30°℞♒	
inferior conj	-3862 Mar 19 j 16:09	28°♒06'37	1°06'02
minimum elong	-3862 Mar 19 j 19:01	28°♒02'25	1°04'59
min. Earth dist.	-3862 Mar 21 j 05:08	27°♒12'23	0.55421 AU
desc. node	-3862 Mar 23 j 16:36	25°♒49'40	
morning rise	-3862 Mar 28 j 19:47	23°♒46'32	
direct	-3862 Apr 01 j 08:09	23°♒19'37	
	-3862 Apr 14 j 21:15	0°♓	
morning max el	-3862 Apr 14 j 19:21	29°♒55'31	23°17'00
	-3862 May 04 j 18:45	0°♈	
morning set	-3862 May 08 j 00:22	6°♈37'08	
asc. node	-3862 May 08 j 06:34	7°♈09'36	
superior conj	-3862 May 15 j 03:33	21°♈50'10	1°05'59
minimum elong	-3862 May 15 j 01:04	21°♈36'56	1°05'37
max. Earth dist.	-3862 May 17 j 12:01	26°♈49'42	1.33808 AU
	-3862 May 19 j 00:26	0°♉	
evening rise	-3862 May 22 j 18:33	7°♉38'07	
	-3862 Jun 04 j 01:14	0°♊	
desc. node	-3862 Jun 19 j 15:21	22°♊23'34	
evening max el	-3862 Jun 25 j 17:44	29°♊01'27	27°21'54
	-3862 Jun 26 j 18:44	0°♋	
retrograde	-3862 Jul 09 j 07:11	6°♋25'44	
evening set	-3862 Jul 16 j 09:56	3°♋41'17	
min. Earth dist.	-3862 Jul 20 j 01:39	0°♋19'09	0.64146 AU
	-3862 Jul 20 j 08:58	30°℞♊	
inferior conj	-3862 Jul 22 j 11:40	27°♊44'11	-3°34'32
minimum elong	-3862 Jul 22 j 15:27	27°♊34'03	3°33'30
morning rise	-3862 Jul 28 j 21:42	22°♊20'27	
direct	-3862 Jul 31 j 14:52	21°♊42'51	
asc. node	-3862 Aug 04 j 05:59	22°♊49'45	
morning max el	-3862 Aug 07 j 03:13	25°♊09'46	18°02'21
	-3862 Aug 11 j 03:17	0°♋	
morning set	-3862 Aug 24 j 14:45	21°♋56'49	
	-3862 Aug 29 j 08:29	0°♌	
superior conj	-3862 Sep 06 j 15:55	13°♌45'50	0°55'04
minimum elong	-3862 Sep 06 j 21:24	14°♌08'04	0°54'32
max. Earth dist.	-3862 Sep 11 j 18:18	21°♌58'10	1.44202 AU
desc. node	-3862 Sep 15 j 14:44	28°♌04'03	
	-3862 Sep 16 j 20:15	0°♍	
evening rise	-3862 Sep 23 j 00:08	9°♍35'14	
	-3862 Oct 06 j 10:30	0°♎	
evening max el	-3862 Oct 20 j 00:13	18°♎03'35	20°16'27
retrograde	-3862 Oct 27 j 20:08	22°♎39'46	
asc. node	-3862 Oct 31 j 04:57	21°♎34'03	
evening set	-3862 Oct 31 j 12:36	21°♎20'56	
inferior conj	-3862 Nov 05 j 23:44	15°♎16'07	1°53'28
minimum elong	-3862 Nov 05 j 21:20	15°♎24'09	1°52'32
min. Earth dist.	-3862 Nov 06 j 18:12	14°♎14'07	0.66754 AU
morning rise	-3862 Nov 11 j 05:51	9°♎01'25	
direct	-3862 Nov 16 j 22:08	6°♎32'30	
morning max el	-3862 Nov 28 j 12:04	13°♎26'06	24°52'21
	-3862 Dec 11 j 23:25	0°♏	
desc. node	-3862 Dec 12 j 14:34	0°♏52'58	
	-3862 Dec 31 j 07:04	0°♐	
morning set	-3861 Jan 03 j 14:44	5°♐47'01	
max. Earth dist.	-3861 Jan 07 j 08:01	12°♐30'10	1.37234 AU
superior conj	-3861 Jan 13 j 19:02	24°♐46'19	-1°44'47
minimum elong	-3861 Jan 13 j 21:46	24°♐59'40	1°44'45
	-3861 Jan 16 j 10:38	0°♑	
evening rise	-3861 Jan 22 j 04:11	11°♑29'13	
asc. node	-3861 Jan 27 j 04:02	21°♑13'25	
	-3861 Feb 01 j 04:55	0°♒	
evening max el	-3861 Feb 08 j 06:17	9°♒03'36	19°23'03
retrograde	-3861 Feb 17 j 09:28	13°♒24'17	
evening set	-3861 Feb 19 j 17:34	13°♒08'29	
inferior conj	-3861 Feb 28 j 00:36	9°♒00'44	2°40'37
minimum elong	-3861 Feb 28 j 05:36	8°♒52'27	2°39'12
min. Earth dist.	-3861 Mar 02 j 20:10	7°♒09'44	0.56523 AU
morning rise	-3861 Mar 08 j 14:56	4°♒10'36	
desc. node	-3861 Mar 10 j 13:44	3°♒37'30	
direct	-3861 Mar 13 j 07:45	3°♒19'56	
morning max el	-3861 Mar 27 j 10:33	10°♒31'18	24°55'15
	-3861 Apr 11 j 03:08	0°♓	
morning set	-3861 Apr 22 j 12:38	21°♓40'02	
asc. node	-3861 Apr 25 j 03:35	27°♓15'06	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3861 Apr 26 j 10:07	0°♈	
superior conj	-3861 Apr 29 j 13:03	6°♈47'05	0°44'23
minimum elong	-3861 Apr 29 j 11:13	6°♈37'07	0°44'01
max. Earth dist.	-3861 Apr 30 j 19:39	9°♈32'48	1.33053 AU
evening rise	-3861 May 06 j 19:02	22°♈08'38	
	-3861 May 10 j 17:59	0°♉	
	-3861 May 28 j 23:36	0°♊	
desc. node	-3861 Jun 06 j 12:27	10°♊14'34	
evening max el	-3861 Jun 08 j 02:16	11°♊48'31	27°20'38
retrograde	-3861 Jun 21 j 22:47	19°♊12'01	
evening set	-3861 Jun 29 j 01:20	16°♊45'04	
min. Earth dist.	-3861 Jul 02 j 15:25	13°♊49'57	0.62424 AU
inferior conj	-3861 Jul 05 j 14:32	11°♊00'29	-4°05'27
minimum elong	-3861 Jul 05 j 17:25	10°♊53'35	4°04'54
morning rise	-3861 Jul 12 j 10:46	5°♊55'53	
direct	-3861 Jul 15 j 00:54	5°♊25'35	
morning max el	-3861 Jul 21 j 17:55	8°♊50'05	17°56'30
asc. node	-3861 Jul 22 j 03:04	9°♊13'02	
	-3861 Aug 04 j 15:30	0°♋	
morning set	-3861 Aug 07 j 02:03	4°♋21'58	
superior conj	-3861 Aug 18 j 07:16	24°♋04'01	1°26'48
minimum elong	-3861 Aug 18 j 12:23	24°♋25'50	1°26'29
	-3861 Aug 21 j 19:50	0°♌	
max. Earth dist.	-3861 Aug 25 j 07:02	5°♌42'43	1.42971 AU
evening rise	-3861 Sep 02 j 04:45	18°♌19'09	
desc. node	-3861 Sep 02 j 11:42	18°♌46'18	
	-3861 Sep 09 j 19:20	0°♍	
	-3861 Oct 01 j 12:54	0°♎	
evening max el	-3861 Oct 02 j 22:34	1°♎29'34	21°25'44
retrograde	-3861 Oct 11 j 16:47	6°♎41'19	
evening set	-3861 Oct 15 j 20:26	5°♎05'08	
asc. node	-3861 Oct 18 j 02:04	2°♎54'49	
	-3861 Oct 20 j 09:10	30°℞♍	
inferior conj	-3861 Oct 21 j 04:56	28°♍52'18	1°03'17
minimum elong	-3861 Oct 21 j 03:31	28°♍57'13	1°02'43
min. Earth dist.	-3861 Oct 21 j 12:25	28°♍26'35	0.67249 AU
morning rise	-3861 Oct 26 j 10:24	22°♍36'58	
direct	-3861 Oct 31 j 11:29	20°♍28'18	
morning max el	-3861 Nov 10 j 21:13	26°♍41'11	23°26'34
	-3861 Nov 13 j 22:38	0°♎	
desc. node	-3861 Nov 29 j 11:33	20°♎45'45	
	-3861 Dec 05 j 14:42	0°♏	
morning set	-3861 Dec 15 j 21:13	16°♏33'17	
max. Earth dist.	-3861 Dec 20 j 03:25	23°♏50'58	1.39277 AU
	-3861 Dec 23 j 14:42	0°♐	
superior conj	-3861 Dec 27 j 16:45	7°♐28'49	-1°54'04
minimum elong	-3861 Dec 27 j 17:47	7°♐33'39	1°54'12
evening rise	-3860 Jan 05 j 22:41	25°♐09'51	
	-3860 Jan 08 j 11:04	0°♑	
asc. node	-3860 Jan 14 j 01:06	10°♑10'30	
evening max el	-3860 Jan 22 j 07:06	21°♑29'21	18°38'12
retrograde	-3860 Jan 30 j 03:00	25°♑17'31	
evening set	-3860 Feb 01 j 14:33	24°♑56'01	
inferior conj	-3860 Feb 09 j 04:26	20°♑29'41	3°38'24
minimum elong	-3860 Feb 09 j 07:55	20°♑22'58	3°37'44
min. Earth dist.	-3860 Feb 12 j 13:08	17°♑56'10	0.58253 AU
morning rise	-3860 Feb 16 j 22:54	15°♑12'28	
direct	-3860 Feb 22 j 20:31	13°♑45'31	
desc. node	-3860 Feb 25 j 10:51	14°♑02'13	
morning max el	-3860 Mar 08 j 02:48	21°♑15'26	26°20'34
	-3860 Mar 15 j 17:28	0°♒	
	-3860 Apr 02 j 17:56	0°♓	
morning set	-3860 Apr 06 j 00:01	6°♓39'43	
asc. node	-3860 Apr 11 j 00:36	17°♓26'41	
superior conj	-3860 Apr 13 j 00:27	21°♓48'23	0°20'43
minimum elong	-3860 Apr 12 j 23:33	21°♓43'25	0°20'30
max. Earth dist.	-3860 Apr 13 j 08:01	22°♓29'43	1.32643 AU
	-3860 Apr 16 j 18:51	0°♈	
evening rise	-3860 Apr 20 j 01:21	6°♈55'46	
	-3860 May 02 j 07:19	0°♉	
evening max el	-3860 May 20 j 06:02	23°♉57'40	26°46'35
desc. node	-3860 May 23 j 09:33	26°♉42'28	
	-3860 May 28 j 16:18	0°♊	
retrograde	-3860 Jun 03 j 06:46	1°♊17'29	
	-3860 Jun 08 j 17:00	30°℞♉	
evening set	-3860 Jun 09 j 22:32	29°♉21'29	
min. Earth dist.	-3860 Jun 13 j 19:33	26°♉39'29	0.60446 AU
inferior conj	-3860 Jun 17 j 03:24	23°♉53'02	-4°19'46
minimum elong	-3860 Jun 17 j 03:58	23°♉51'51	4°19'38
morning rise	-3860 Jun 24 j 11:19	19°♉09'37	
direct	-3860 Jun 27 j 00:02	18°♉44'54	
morning max el	-3860 Jul 04 j 05:57	22°♉16'58	18°09'47
asc. node	-3860 Jul 08 j 00:07	26°♉40'27	
	-3860 Jul 10 j 06:53	0°♊	
morning set	-3860 Jul 20 j 05:57	17°♊36'03	
	-3860 Jul 26 j 21:53	0°♋	
superior conj	-3860 Jul 30 j 01:13	5°♋41'37	1°44'06
minimum elong	-3860 Jul 30 j 03:49	5°♋53'15	1°44'08
max. Earth dist.	-3860 Aug 06 j 14:35	18°♋51'01	1.41271 AU
evening rise	-3860 Aug 11 j 23:33	27°♋44'12	
	-3860 Aug 13 j 09:16	0°♌	
desc. node	-3860 Aug 19 j 08:41	9°♌22'41	
	-3860 Sep 02 j 11:38	0°♍	
evening max el	-3860 Sep 14 j 15:06	14°♍55'48	22°43'37
retrograde	-3860 Sep 24 j 11:13	20°♍45'53	
evening set	-3860 Sep 29 j 04:07	18°♍50'27	
asc. node	-3860 Oct 03 j 23:10	13°♍15'33	
inferior conj	-3860 Oct 04 j 11:31	12°♍32'59	0°10'35
minimum elong	-3860 Oct 04 j 11:16	12°♍33'50	0°10'31
transit middle	-3860 Oct 04 j 11:16	12°♍33'50	0°10'31
transit begin	-3860 Oct 04 j 09:12	12°♍40'58	
transit end	-3860 Oct 04 j 13:20	12°♍26'42	
min. Earth dist.	-3860 Oct 04 j 08:39	12°♍42'52	0.67437 AU
morning rise	-3860 Oct 09 j 18:18	6°♍19'55	
direct	-3860 Oct 14 j 04:51	4°♍32'57	
morning max el	-3860 Oct 23 j 10:00	10°♍01'08	22°01'24
	-3860 Nov 07 j 22:18	0°♎	
desc. node	-3860 Nov 15 j 08:30	10°♎58'51	
morning set	-3860 Nov 24 j 23:00	25°♎56'14	
	-3860 Nov 27 j 11:20	0°♏	
max. Earth dist.	-3860 Dec 01 j 02:46	6°♏00'37	1.41321 AU
superior conj	-3860 Dec 08 j 19:18	19°♏12'50	-1°52'47
minimum elong	-3860 Dec 08 j 17:11	19°♏03'32	1°52'50
	-3860 Dec 14 j 19:03	0°♐	
evening rise	-3860 Dec 19 j 06:17	8°♐15'10	
asc. node	-3860 Dec 30 j 22:09	28°♐31'43	
	-3860 Dec 31 j 22:59	0°♑	
evening max el	-3859 Jan 04 j 14:44	4°♑20'53	18°13'23
retrograde	-3859 Jan 11 j 14:46	7°♑52'17	
evening set	-3859 Jan 14 j 05:22	7°♑23'49	
inferior conj	-3859 Jan 21 j 04:26	2°♑35'41	4°01'22
minimum elong	-3859 Jan 21 j 05:08	2°♑34'07	4°01'11
	-3859 Jan 24 j 02:34	30°℞♐	
min. Earth dist.	-3859 Jan 24 j 10:59	29°♐42'04	0.60255 AU
morning rise	-3859 Jan 28 j 03:16	26°♐58'31	
direct	-3859 Feb 03 j 20:35	24°♐53'19	
desc. node	-3859 Feb 11 j 07:57	27°♐13'05	
	-3859 Feb 15 j 05:18	0°♑	
morning max el	-3859 Feb 18 j 00:41	2°♑32'19	27°19'01

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3859 Mar 10 j 01:09	0°♒	
morning set	-3859 Mar 21 j 08:45	21°♒29'53	
	-3859 Mar 25 j 09:04	0°♓	
max. Earth dist.	-3859 Mar 27 j 21:24	5°♓27'51	1.32574 AU
superior conj	-3859 Mar 28 j 12:05	6°♓48'10	-0°04'09
minimum elong	-3859 Mar 28 j 12:17	6°♓49'12	0°04'11
behind sun begin	-3859 Mar 28 j 07:25	6°♓22'36	
behind sun end	-3859 Mar 28 j 17:08	7°♓15'49	
asc. node	-3859 Mar 28 j 21:36	7°♓40'14	
evening rise	-3859 Apr 04 j 11:13	21°♓51'26	
	-3859 Apr 08 j 10:54	0°♈	
	-3859 Apr 27 j 03:53	0°♉	
evening max el	-3859 May 02 j 03:22	5°♉23'45	25°42'00
desc. node	-3859 May 10 j 06:40	11°♉14'21	
retrograde	-3859 May 16 j 05:16	12°♉37'16	
evening set	-3859 May 21 j 22:16	11°♉19'28	
min. Earth dist.	-3859 May 26 j 15:44	8°♉33'58	0.58414 AU
inferior conj	-3859 May 29 j 22:35	6°♉11'55	-4°08'35
minimum elong	-3859 May 29 j 19:39	6°♉17'14	4°08'12
morning rise	-3859 Jun 06 j 19:45	1°♉50'12	
direct	-3859 Jun 09 j 07:49	1°♉30'02	
morning max el	-3859 Jun 17 j 12:25	5°♉21'58	18°43'05
asc. node	-3859 Jun 24 j 21:10	14°♉57'45	
	-3859 Jul 03 j 03:54	0°♊	
morning set	-3859 Jul 03 j 21:53	1°♊27'16	
superior conj	-3859 Jul 12 j 16:41	18°♊24'49	1°49'08
minimum elong	-3859 Jul 12 j 16:44	18°♊25'02	1°49'18
	-3859 Jul 19 j 00:16	0°♋	
max. Earth dist.	-3859 Jul 19 j 17:32	1°♋16'41	1.39333 AU
evening rise	-3859 Jul 23 j 19:27	8°♋21'18	
desc. node	-3859 Aug 06 j 05:40	29°♋48'44	
	-3859 Aug 06 j 08:40	0°♌	
evening max el	-3859 Aug 28 j 03:22	28°♌23'11	24°04'20
	-3859 Aug 29 j 20:02	0°♍	
retrograde	-3859 Sep 08 j 02:16	4°♍49'57	
evening set	-3859 Sep 13 j 09:50	2°♍34'51	
	-3859 Sep 15 j 21:10	30°℞♌	
min. Earth dist.	-3859 Sep 18 j 04:30	27°♌00'51	0.67324 AU
inferior conj	-3859 Sep 18 j 17:44	26°♌16'01	-0°43'03
minimum elong	-3859 Sep 18 j 18:44	26°♌12'36	0°42'32
asc. node	-3859 Sep 20 j 20:17	23°♌29'53	
morning rise	-3859 Sep 24 j 03:37	20°♌08'09	
direct	-3859 Sep 28 j 01:08	18°♌41'44	
morning max el	-3859 Oct 06 j 05:14	23°♌28'54	20°43'43
	-3859 Oct 11 j 18:06	0°♍	
	-3859 Nov 01 j 07:13	0°♎	
desc. node	-3859 Nov 02 j 05:25	1°♎25'37	
morning set	-3859 Nov 04 j 01:46	4°♎17'32	
max. Earth dist.	-3859 Nov 13 j 09:22	19°♎03'39	1.43065 AU
superior conj	-3859 Nov 19 j 20:52	29°♎43'25	-1°37'05
minimum elong	-3859 Nov 19 j 15:04	29°♎19'10	1°36'42
	-3859 Nov 20 j 00:50	0°♏	
evening rise	-3859 Dec 01 j 22:54	20°♏35'56	
	-3859 Dec 07 j 06:59	0°♐	
asc. node	-3859 Dec 17 j 19:13	16°♐05'38	
evening max el	-3859 Dec 19 j 02:14	17°♐29'26	18°08'22
retrograde	-3859 Dec 25 j 16:48	20°♐57'39	
evening set	-3859 Dec 28 j 10:27	20°♐21'21	
inferior conj	-3858 Jan 03 j 21:35	15°♐12'00	3°58'05
minimum elong	-3858 Jan 03 j 20:00	15°♐16'02	3°57'47
min. Earth dist.	-3858 Jan 06 j 17:08	12°♐21'16	0.62213 AU
morning rise	-3858 Jan 10 j 04:35	9°♐20'50	
direct	-3858 Jan 17 j 05:50	6°♐46'09	
desc. node	-3858 Jan 29 j 05:00	12°♐38'31	
morning max el	-3858 Jan 31 j 04:50	14°♐30'15	27°42'32
	-3858 Feb 12 j 19:30	0°♑	
	-3858 Mar 02 j 11:49	0°♒	
morning set	-3858 Mar 05 j 12:46	6°♒03'19	
max. Earth dist.	-3858 Mar 11 j 07:52	18°♒12'59	1.32852 AU
superior conj	-3858 Mar 12 j 22:19	21°♒40'44	-0°29'20
minimum elong	-3858 Mar 12 j 23:38	21°♒47'53	0°29'10
asc. node	-3858 Mar 15 j 18:35	27°♒51'30	
	-3858 Mar 16 j 18:18	0°♓	
evening rise	-3858 Mar 19 j 22:43	6°♓48'42	
	-3858 Apr 01 j 06:15	0°♈	
evening max el	-3858 Apr 13 j 19:43	16°♈16'04	24°15'49
desc. node	-3858 Apr 27 j 03:47	23°♈14'03	
retrograde	-3858 Apr 27 j 16:33	23°♈14'42	
evening set	-3858 May 02 j 01:54	22°♈31'32	
min. Earth dist.	-3858 May 08 j 07:27	19°♈27'49	0.56637 AU
inferior conj	-3858 May 10 j 21:43	17°♈49'51	-3°21'39
minimum elong	-3858 May 10 j 15:57	17°♈58'58	3°20'19
morning rise	-3858 May 19 j 09:08	13°♈46'02	
direct	-3858 May 21 j 20:42	13°♈29'30	
morning max el	-3858 May 31 j 10:40	17°♈56'18	19°36'53
	-3858 Jun 09 j 12:43	0°♉	
asc. node	-3858 Jun 11 j 18:11	3°♉53'19	
morning set	-3858 Jun 17 j 22:27	15°♉46'52	
	-3858 Jun 25 j 00:13	0°♊	
superior conj	-3858 Jun 26 j 00:04	1°♊58'04	1°44'48
minimum elong	-3858 Jun 25 j 22:23	1°♊49'46	1°44'51
max. Earth dist.	-3858 Jul 01 j 19:53	13°♊09'43	1.37416 AU
evening rise	-3858 Jul 05 j 16:41	20°♊13'44	
	-3858 Jul 11 j 07:56	0°♋	
desc. node	-3858 Jul 24 j 02:41	19°♋59'25	
	-3858 Jul 31 j 08:43	0°♌	
evening max el	-3858 Aug 10 j 14:01	11°♌53'48	25°20'44
retrograde	-3858 Aug 22 j 13:18	18°♌49'57	
evening set	-3858 Aug 28 j 11:49	16°♌17'25	
min. Earth dist.	-3858 Sep 01 j 21:39	11°♌19'32	0.66895 AU
inferior conj	-3858 Sep 02 j 21:54	10°♌00'29	-1°35'54
minimum elong	-3858 Sep 03 j 00:08	9°♌53'14	1°34'54
asc. node	-3858 Sep 07 j 17:22	4°♌36'10	
morning rise	-3858 Sep 08 j 12:32	4°♌00'49	
direct	-3858 Sep 11 j 23:08	2°♌52'11	
morning max el	-3858 Sep 19 j 07:48	7°♌06'00	19°38'14
	-3858 Oct 05 j 21:26	0°♍	
morning set	-3858 Oct 14 j 01:42	12°♍38'05	
desc. node	-3858 Oct 20 j 02:20	22°♍02'00	
	-3858 Oct 25 j 03:56	0°♎	
max. Earth dist.	-3858 Oct 26 j 22:20	2°♎47'50	1.44281 AU
superior conj	-3858 Oct 30 j 18:59	8°♎57'28	-1°04'35
minimum elong	-3858 Oct 30 j 12:09	8°♎30'05	1°03'50
	-3858 Nov 12 j 14:41	0°♏	
evening rise	-3858 Nov 13 j 20:03	2°♏03'14	
	-3858 Dec 01 j 20:33	0°♐	
evening max el	-3858 Dec 02 j 14:53	0°♐48'48	18°22'19
asc. node	-3858 Dec 04 j 16:17	2°♐38'53	
retrograde	-3858 Dec 09 j 04:35	4°♐24'38	
evening set	-3858 Dec 12 j 02:15	3°♐39'13	
	-3858 Dec 16 j 12:31	30°℞♏	
inferior conj	-3858 Dec 18 j 04:04	28°♏10'48	3°36'34
minimum elong	-3858 Dec 18 j 01:14	28°♏18'49	3°35'56
min. Earth dist.	-3858 Dec 20 j 09:17	25°♏40'36	0.63929 AU
morning rise	-3858 Dec 23 j 23:38	22°♏09'43	
direct	-3858 Dec 30 j 22:56	19°♏19'58	
morning max el	-3857 Jan 13 j 13:08	27°♏03'49	27°30'01
desc. node	-3857 Jan 16 j 02:01	29°♏42'43	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3857 Jan 16 j 08:18	0°♐	
	-3857 Feb 06 j 10:00	0°♑	
morning set	-3857 Feb 17 j 09:29	20°♑10'54	
	-3857 Feb 22 j 05:21	0°♒	
max. Earth dist.	-3857 Feb 22 j 11:22	0°♒31'23	1.33520 AU
superior conj	-3857 Feb 25 j 05:22	6°♒19'47	-0°53'54
minimum elong	-3857 Feb 25 j 07:42	6°♒32'12	0°53'36
asc. node	-3857 Mar 02 j 15:35	17°♒56'21	
evening rise	-3857 Mar 04 j 10:04	21°♒40'53	
	-3857 Mar 08 j 11:56	0°♓	
evening max el	-3857 Mar 26 j 12:26	26°♓58'34	22°41'34
	-3857 Mar 30 j 03:31	0°♈	
retrograde	-3857 Apr 08 j 15:24	3°♈24'24	
evening set	-3857 Apr 11 j 18:48	3°♈02'46	
desc. node	-3857 Apr 14 j 00:56	2°♈22'26	
	-3857 Apr 18 j 23:56	30°℞♓	
min. Earth dist.	-3857 Apr 19 j 21:48	29°♓29'05	0.55468 AU
inferior conj	-3857 Apr 21 j 02:35	28°♓47'46	-1°54'18
minimum elong	-3857 Apr 20 j 21:43	28°♓54'45	1°52'47
morning rise	-3857 Apr 30 j 02:41	24°♓50'46	
direct	-3857 May 02 j 16:18	24°♓35'21	
morning max el	-3857 May 13 j 22:30	29°♓51'05	20°50'26
	-3857 May 14 j 02:19	0°♈	
asc. node	-3857 May 29 j 15:12	23°♈17'06	
	-3857 Jun 01 j 23:40	0°♉	
morning set	-3857 Jun 02 j 04:51	0°♉26'30	
superior conj	-3857 Jun 09 j 18:42	16°♉06'47	1°33'31
minimum elong	-3857 Jun 09 j 16:10	15°♉53'49	1°33'21
max. Earth dist.	-3857 Jun 14 j 04:00	24°♉56'13	1.35738 AU
	-3857 Jun 16 j 18:37	0°♊	
evening rise	-3857 Jun 18 j 10:25	3°♊08'24	
	-3857 Jul 04 j 06:15	0°♋	
desc. node	-3857 Jul 10 j 23:46	9°♋46'47	
evening max el	-3857 Jul 24 j 01:00	25°♋24'49	26°24'55
	-3857 Jul 29 j 13:18	0°♌	
retrograde	-3857 Aug 05 j 19:35	2°♌39'16	
evening set	-3857 Aug 12 j 07:54	29°♋54'44	
	-3857 Aug 12 j 05:25	30°℞♋	
min. Earth dist.	-3857 Aug 16 j 09:44	25°♋34'49	0.66119 AU
inferior conj	-3857 Aug 17 j 22:07	23°♋43'07	-2°26'13
minimum elong	-3857 Aug 18 j 01:21	23°♋33'11	2°24'56
morning rise	-3857 Aug 23 j 19:04	17°♋54'40	
asc. node	-3857 Aug 25 j 14:28	17°♋09'45	
direct	-3857 Aug 26 j 21:05	17°♋00'29	
morning max el	-3857 Sep 02 j 16:40	20°♋49'32	18°47'47
	-3857 Sep 09 j 20:04	0°♌	
morning set	-3857 Sep 23 j 20:33	21°♌57'31	
	-3857 Sep 28 j 21:52	0°♍	
desc. node	-3857 Oct 06 j 23:18	12°♍44'16	
superior conj	-3857 Oct 09 j 21:16	17°♍19'52	-0°18'27
minimum elong	-3857 Oct 09 j 18:51	17°♍10'20	0°18'05
max. Earth dist.	-3857 Oct 09 j 15:16	16°♍56'14	1.44821 AU
	-3857 Oct 17 j 21:45	0°♎	
evening rise	-3857 Oct 25 j 17:26	12°♎28'42	
	-3857 Nov 05 j 16:43	0°♏	
evening max el	-3857 Nov 16 j 02:08	14°♏14'11	18°54'07
asc. node	-3857 Nov 21 j 13:22	17°♏56'19	
retrograde	-3857 Nov 22 j 22:18	18°♏06'50	
evening set	-3857 Nov 26 j 01:40	17°♏10'19	
inferior conj	-3857 Dec 01 j 20:20	11°♏25'26	3°02'44
minimum elong	-3857 Dec 01 j 17:11	11°♏35'09	3°01'48
min. Earth dist.	-3857 Dec 03 j 11:01	9°♏26'32	0.65308 AU
morning rise	-3857 Dec 07 j 08:20	5°♏17'21	
direct	-3857 Dec 13 j 22:38	2°♏27'18	
morning max el	-3857 Dec 26 j 22:46	10°♏01'10	26°46'02
desc. node	-3856 Jan 02 j 23:03	17°♏56'58	
	-3856 Jan 11 j 19:25	0°♐	
	-3856 Jan 29 j 20:28	0°♑	
morning set	-3856 Jan 31 j 19:30	3°♑41'39	
max. Earth dist.	-3856 Feb 05 j 04:25	12°♑14'43	1.34625 AU
superior conj	-3856 Feb 09 j 07:09	20°♑38'32	-1°16'39
minimum elong	-3856 Feb 09 j 10:11	20°♑54'14	1°16'21
	-3856 Feb 13 j 18:25	0°♒	
evening rise	-3856 Feb 16 j 19:31	6°♒21'58	
asc. node	-3856 Feb 17 j 12:37	7°♒50'14	
	-3856 Feb 29 j 20:25	0°♓	
evening max el	-3856 Mar 07 j 11:48	7°♓58'27	21°12'31
retrograde	-3856 Mar 19 j 05:18	13°♓35'13	
evening set	-3856 Mar 21 j 16:01	13°♓21'26	
inferior conj	-3856 Mar 30 j 22:06	9°♓22'31	-0°00'03
minimum elong	-3856 Mar 30 j 22:06	9°♓22'31	0°00'07
transit middle	-3856 Mar 30 j 22:06	9°♓22'31	0°00'07
transit begin	-3856 Mar 30 j 18:00	9°♓28'19	
transit end	-3856 Mar 31 j 02:12	9°♓16'43	
desc. node	-3856 Mar 30 j 22:03	9°♓22'36	
min. Earth dist.	-3856 Mar 31 j 11:59	9°♓02'52	0.55173 AU
morning rise	-3856 Apr 09 j 03:51	5°♓15'35	
direct	-3856 Apr 12 j 04:33	4°♓55'30	
morning max el	-3856 Apr 24 j 23:33	11°♓04'21	22°20'27
	-3856 May 08 j 18:04	0°♈	
asc. node	-3856 May 15 j 12:14	13°♈01'54	
morning set	-3856 May 16 j 14:58	15°♈20'02	
superior conj	-3856 May 23 j 21:05	0°♉40'31	1°17'08
minimum elong	-3856 May 23 j 18:25	0°♉26'29	1°16'49
	-3856 May 23 j 13:24	0°♉	
max. Earth dist.	-3856 May 26 j 22:01	7°♉01'07	1.34411 AU
evening rise	-3856 May 31 j 19:24	16°♉50'23	
	-3856 Jun 07 j 21:16	0°♊	
desc. node	-3856 Jun 26 j 20:50	29°♊00'46	
	-3856 Jun 27 j 15:33	0°♋	
evening max el	-3856 Jul 05 j 12:33	8°♋48'30	27°08'46
retrograde	-3856 Jul 18 j 20:29	16°♋10'39	
evening set	-3856 Jul 25 j 19:29	13°♋23'05	
min. Earth dist.	-3856 Jul 29 j 14:23	9°♋40'47	0.64974 AU
inferior conj	-3856 Jul 31 j 16:12	7°♋19'56	-3°11'43
minimum elong	-3856 Jul 31 j 19:59	7°♋09'11	3°10'31
morning rise	-3856 Aug 06 j 20:59	1°♋46'03	
direct	-3856 Aug 09 j 16:49	1°♋03'05	
asc. node	-3856 Aug 11 j 11:34	1°♋20'04	
morning max el	-3856 Aug 16 j 05:46	4°♋35'35	18°13'53
	-3856 Sep 02 j 05:08	0°♌	
morning set	-3856 Sep 03 j 18:48	2°♌36'41	
superior conj	-3856 Sep 18 j 00:00	25°♌47'54	0°30'32
minimum elong	-3856 Sep 18 j 03:40	26°♌02'28	0°30'09
	-3856 Sep 20 j 15:25	0°♍	
max. Earth dist.	-3856 Sep 21 j 09:25	1°♍11'16	1.44633 AU
desc. node	-3856 Sep 22 j 20:16	3°♍28'54	
evening rise	-3856 Oct 04 j 14:27	21°♍52'15	
	-3856 Oct 09 j 20:11	0°♎	
greatest brilliancy	-3856 Oct 16 j 20:04	10°♎43'36	-0.7m
evening max el	-3856 Oct 29 j 09:37	27°♎41'18	19°42'14
	-3856 Oct 31 j 22:49	0°♏	
retrograde	-3856 Nov 05 j 18:55	1°♏59'03	
asc. node	-3856 Nov 07 j 10:29	1°♏43'19	
evening set	-3856 Nov 09 j 06:03	0°♏48'59	
	-3856 Nov 10 j 07:30	30°℞♎	
inferior conj	-3856 Nov 14 j 19:27	24°♎50'34	2°20'30
minimum elong	-3856 Nov 14 j 16:38	24°♎59'46	2°19'29

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3856 Nov 15 j 20:49	23°♎27'36	0.66328 AU
morning rise	-3856 Nov 20 j 02:59	18°♎37'49	
direct	-3856 Nov 26 j 03:58	15°♎59'03	
morning max el	-3856 Dec 08 j 07:51	23°♎10'19	25°38'22
	-3856 Dec 14 j 10:01	0°♏	
desc. node	-3856 Dec 19 j 20:03	6°♏59'58	
	-3855 Jan 04 j 03:33	0°♐	
morning set	-3855 Jan 13 j 14:07	16°♐20'43	
max. Earth dist.	-3855 Jan 17 j 09:54	23°♐28'11	1.36178 AU
	-3855 Jan 20 j 18:57	0°♑	
superior conj	-3855 Jan 23 j 00:55	4°♑27'46	-1°36'00
minimum elong	-3855 Jan 23 j 04:02	4°♑43'21	1°35'51
evening rise	-3855 Jan 31 j 01:01	20°♑44'44	
asc. node	-3855 Feb 03 j 09:38	27°♑27'09	
	-3855 Feb 04 j 17:20	0°♒	
evening max el	-3855 Feb 17 j 21:08	19°♒30'20	19°57'38
retrograde	-3855 Feb 27 j 21:59	24°♒16'08	
evening set	-3855 Mar 02 j 05:16	24°♒02'12	
inferior conj	-3855 Mar 10 j 22:08	20°♒01'23	1°50'09
minimum elong	-3855 Mar 11 j 02:26	19°♒54'48	1°48'44
min. Earth dist.	-3855 Mar 13 j 02:07	18°♒42'05	0.55805 AU
desc. node	-3855 Mar 17 j 19:10	16°♒13'56	
morning rise	-3855 Mar 19 j 21:28	15°♒29'17	
direct	-3855 Mar 23 j 21:23	14°♒54'01	
morning max el	-3855 Apr 06 j 16:37	21°♒46'28	23°59'21
	-3855 Apr 13 j 19:55	0°♓	
	-3855 Apr 30 j 22:53	0°♈	
morning set	-3855 May 01 j 02:55	0°♈21'11	
asc. node	-3855 May 02 j 09:15	3°♈01'15	
superior conj	-3855 May 08 j 04:34	15°♈30'44	0°57'06
minimum elong	-3855 May 08 j 02:20	15°♈18'38	0°56'44
max. Earth dist.	-3855 May 10 j 01:37	19°♈32'08	1.33449 AU
	-3855 May 15 j 02:08	0°♉	
evening rise	-3855 May 15 j 15:13	1°♉06'07	
	-3855 May 31 j 20:16	0°♊	
desc. node	-3855 Jun 13 j 17:56	17°♊27'26	
evening max el	-3855 Jun 17 j 22:56	21°♊52'43	27°25'21
retrograde	-3855 Jul 01 j 15:27	29°♊16'11	
evening set	-3855 Jul 08 j 19:20	26°♊37'34	
min. Earth dist.	-3855 Jul 12 j 09:44	23°♊28'19	0.63453 AU
inferior conj	-3855 Jul 15 j 01:31	20°♊45'46	-3°49'15
minimum elong	-3855 Jul 15 j 05:04	20°♊36'42	3°48'25
morning rise	-3855 Jul 21 j 15:40	15°♊29'44	
direct	-3855 Jul 24 j 07:27	14°♊55'20	
asc. node	-3855 Jul 29 j 08:40	16°♊59'13	
morning max el	-3855 Jul 30 j 20:41	18°♊19'51	17°57'38
	-3855 Aug 08 j 07:52	0°♋	
morning set	-3855 Aug 16 j 18:09	14°♋27'46	
	-3855 Aug 25 j 19:04	0°♌	
superior conj	-3855 Aug 28 j 23:28	5°♌18'54	1°10'21
minimum elong	-3855 Aug 29 j 05:15	5°♌42'51	1°09'51
max. Earth dist.	-3855 Sep 04 j 01:33	15°♌14'30	1.43747 AU
desc. node	-3855 Sep 09 j 17:15	24°♌13'09	
	-3855 Sep 13 j 10:14	0°♍	
evening rise	-3855 Sep 13 j 19:54	0°♍37'25	
	-3855 Oct 03 j 13:24	0°♎	
evening max el	-3855 Oct 12 j 11:33	11°♎07'59	20°44'34
retrograde	-3855 Oct 20 j 16:09	15°♎58'24	
evening set	-3855 Oct 24 j 13:13	14°♎32'14	
asc. node	-3855 Oct 25 j 07:36	13°♎54'46	
inferior conj	-3855 Oct 29 j 23:01	8°♎23'32	1°32'38
minimum elong	-3855 Oct 29 j 21:00	8°♎30'23	1°31'49
min. Earth dist.	-3855 Oct 30 j 12:35	7°♎37'21	0.67004 AU
morning rise	-3855 Nov 04 j 04:37	2°♎08'27	
	-3855 Nov 07 j 23:28	30°℞♍	
direct	-3855 Nov 09 j 14:25	29°♍48'01	
	-3855 Nov 11 j 06:56	0°♎	
morning max el	-3855 Nov 20 j 16:37	6°♎24'43	24°16'26
desc. node	-3855 Dec 06 j 17:03	26°♎37'45	
	-3855 Dec 09 j 00:47	0°♏	
morning set	-3855 Dec 26 j 11:34	27°♏52'45	
	-3855 Dec 27 j 16:46	0°♐	
max. Earth dist.	-3855 Dec 30 j 07:20	4°♐37'48	1.38094 AU
superior conj	-3854 Jan 06 j 07:13	17°♐37'59	-1°49'47
minimum elong	-3854 Jan 06 j 09:24	17°♐48'29	1°49'49
	-3854 Jan 12 j 15:04	0°♑	
evening rise	-3854 Jan 15 j 00:20	4°♑43'05	
asc. node	-3854 Jan 21 j 06:40	16°♑41'02	
	-3854 Jan 30 j 03:11	0°♒	
evening max el	-3854 Jan 31 j 16:44	1°♒37'31	19°01'21
retrograde	-3854 Feb 09 j 05:18	5°♒42'43	
evening set	-3854 Feb 11 j 14:49	5°♒24'43	
inferior conj	-3854 Feb 19 j 14:20	1°♒09'19	3°09'48
minimum elong	-3854 Feb 19 j 19:02	1°♒01'03	3°08'40
	-3854 Feb 21 j 05:34	30°℞♑	
min. Earth dist.	-3854 Feb 22 j 17:25	28°♑58'09	0.57209 AU
morning rise	-3854 Feb 27 j 20:36	26°♑06'51	
desc. node	-3854 Mar 04 j 16:16	25°♑02'34	
direct	-3854 Mar 05 j 02:08	25°♑02'10	
	-3854 Mar 16 j 15:33	0°♒	
morning max el	-3854 Mar 19 j 07:38	2°♒22'32	25°34'05
	-3854 Apr 07 j 19:49	0°♓	
morning set	-3854 Apr 15 j 15:00	15°♓23'35	
asc. node	-3854 Apr 19 j 06:14	23°♓09'48	
	-3854 Apr 22 j 09:33	0°♈	
superior conj	-3854 Apr 22 j 15:04	0°♈30'05	0°34'31
minimum elong	-3854 Apr 22 j 13:36	0°♈22'04	0°34'13
max. Earth dist.	-3854 Apr 23 j 11:48	2°♈23'00	1.32839 AU
evening rise	-3854 Apr 29 j 18:28	15°♈44'28	
	-3854 May 07 j 01:50	0°♉	
	-3854 May 27 j 01:13	0°♊	
evening max el	-3854 May 31 j 05:31	4°♊23'55	27°10'05
desc. node	-3854 May 31 j 15:02	4°♊46'25	
retrograde	-3854 Jun 14 j 03:49	11°♊46'10	
evening set	-3854 Jun 21 j 03:28	9°♊30'36	
min. Earth dist.	-3854 Jun 24 j 19:01	6°♊43'26	0.61603 AU
inferior conj	-3854 Jun 27 j 22:50	3°♊52'39	-4°14'01
minimum elong	-3854 Jun 28 j 00:54	3°♊47'56	4°13'43
	-3854 Jul 02 j 20:09	30°℞♉	
morning rise	-3854 Jul 04 j 23:52	28°♉57'13	
direct	-3854 Jul 07 j 13:20	28°♉29'26	
	-3854 Jul 12 j 02:14	0°♊	
morning max el	-3854 Jul 14 j 10:37	1°♊55'27	17°59'51
asc. node	-3854 Jul 16 j 05:44	3°♊51'35	
morning set	-3854 Jul 30 j 13:04	27°♊14'55	
	-3854 Aug 01 j 01:13	0°♋	
superior conj	-3854 Aug 10 j 02:34	16°♋12'06	1°35'49
minimum elong	-3854 Aug 10 j 06:43	16°♋30'10	1°35'40
max. Earth dist.	-3854 Aug 17 j 12:15	28°♋45'17	1.42285 AU
	-3854 Aug 18 j 06:24	0°♌	
evening rise	-3854 Aug 24 j 04:19	9°♌32'08	
desc. node	-3854 Aug 27 j 14:14	14°♌53'11	
	-3854 Sep 06 j 14:31	0°♍	
evening max el	-3854 Sep 25 j 07:08	24°♍32'56	21°58'05
	-3854 Oct 03 j 23:39	0°♎	
retrograde	-3854 Oct 04 j 12:07	0°♎01'21	
	-3854 Oct 05 j 00:26	30°℞♍	
evening set	-3854 Oct 08 j 21:11	28°♍16'59	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3854 Oct 12 j 04:43	24°♍44'21	
inferior conj	-3854 Oct 14 j 05:00	22°♍01'29	0°41'10
minimum elong	-3854 Oct 14 j 04:03	22°♍04'44	0°40'47
min. Earth dist.	-3854 Oct 14 j 07:57	21°♍51'16	0.67360 AU
morning rise	-3854 Oct 19 j 10:47	15°♍46'43	
direct	-3854 Oct 24 j 05:25	13°♍47'33	
morning max el	-3854 Nov 03 j 03:03	19°♍41'49	22°49'53
	-3854 Nov 11 j 18:59	0°♎	
desc. node	-3854 Nov 23 j 14:02	16°♎39'48	
	-3854 Dec 02 j 06:14	0°♏	
morning set	-3854 Dec 07 j 06:02	8°♏03'39	
max. Earth dist.	-3854 Dec 12 j 03:38	16°♏16'48	1.40159 AU
superior conj	-3854 Dec 19 j 21:26	29°♏57'04	-1°55'03
minimum elong	-3854 Dec 19 j 21:18	29°♏56'29	1°55'11
	-3854 Dec 19 j 22:05	0°♐	
evening rise	-3854 Dec 29 j 14:38	18°♐09'54	
	-3853 Jan 04 j 23:23	0°♑	
asc. node	-3853 Jan 08 j 03:42	5°♑24'22	
evening max el	-3853 Jan 14 j 20:45	14°♑15'26	18°25'11
retrograde	-3853 Jan 22 j 07:06	17°♑55'01	
evening set	-3853 Jan 24 j 19:48	17°♑30'50	
inferior conj	-3853 Feb 01 j 03:03	12°♑55'25	3°51'56
minimum elong	-3853 Feb 01 j 05:22	12°♑50'38	3°51'32
min. Earth dist.	-3853 Feb 04 j 12:21	10°♑10'11	0.59086 AU
morning rise	-3853 Feb 08 j 12:48	7°♑28'26	
direct	-3853 Feb 14 j 19:58	5°♑44'44	
desc. node	-3853 Feb 19 j 13:22	6°♑40'35	
morning max el	-3853 Mar 01 j 02:13	13°♑20'05	26°49'21
	-3853 Mar 14 j 07:43	0°♒	
	-3853 Mar 30 j 21:30	0°♓	
morning set	-3853 Mar 31 j 01:32	0°♓21'02	
asc. node	-3853 Apr 06 j 03:12	13°♓23'14	
superior conj	-3853 Apr 07 j 02:49	15°♓32'27	0°10'17
minimum elong	-3853 Apr 07 j 02:22	15°♓29'57	0°10'09
behind sun begin	-3853 Apr 06 j 22:31	15°♓08'52	
behind sun end	-3853 Apr 07 j 06:13	15°♓51'02	
max. Earth dist.	-3853 Apr 07 j 01:01	15°♓22'33	1.32568 AU
	-3853 Apr 13 j 19:33	0°♈	
evening rise	-3853 Apr 14 j 02:34	0°♈36'48	
	-3853 Apr 30 j 06:40	0°♉	
evening max el	-3853 May 13 j 06:25	16°♉14'40	26°22'23
desc. node	-3853 May 18 j 12:06	20°♉29'57	
retrograde	-3853 May 27 j 08:25	23°♉33'18	
evening set	-3853 Jun 02 j 15:52	21°♉53'00	
min. Earth dist.	-3853 Jun 06 j 19:29	19°♉11'33	0.59570 AU
inferior conj	-3853 Jun 10 j 04:36	16°♉32'26	-4°18'47
minimum elong	-3853 Jun 10 j 03:46	16°♉34'05	4°18'39
morning rise	-3853 Jun 17 j 18:02	11°♉58'40	
direct	-3853 Jun 20 j 06:16	11°♉36'08	
morning max el	-3853 Jun 27 j 20:45	15°♉15'05	18°21'27
asc. node	-3853 Jul 03 j 02:47	21°♉42'17	
	-3853 Jul 08 j 03:40	0°♊	
morning set	-3853 Jul 13 j 22:35	10°♊46'02	
superior conj	-3853 Jul 23 j 06:27	28°♊19'58	1°47'33
minimum elong	-3853 Jul 23 j 07:53	28°♊26'34	1°47'41
	-3853 Jul 24 j 04:21	0°♋	
max. Earth dist.	-3853 Jul 30 j 16:57	11°♋32'55	1.40458 AU
evening rise	-3853 Aug 04 j 09:12	19°♋25'56	
	-3853 Aug 10 j 22:54	0°♌	
desc. node	-3853 Aug 14 j 11:12	5°♌25'34	
	-3853 Aug 31 j 22:16	0°♍	
evening max el	-3853 Sep 07 j 21:26	7°♍58'44	23°18'01
retrograde	-3853 Sep 18 j 05:20	14°♍05'39	
evening set	-3853 Sep 23 j 04:14	12°♍01'54	
inferior conj	-3853 Sep 28 j 11:38	5°♍43'15	-0°12'10
minimum elong	-3853 Sep 28 j 11:55	5°♍42'16	0°11'59
transit middle	-3853 Sep 28 j 11:55	5°♍42'16	0°11'59
transit begin	-3853 Sep 28 j 10:04	5°♍48'36	
transit end	-3853 Sep 28 j 13:45	5°♍35'57	
min. Earth dist.	-3853 Sep 28 j 04:25	6°♍08'01	0.67420 AU
asc. node	-3853 Sep 29 j 01:50	4°♍54'34	
	-3853 Oct 03 j 06:00	30°℞♌	
morning rise	-3853 Oct 03 j 19:30	29°♌31'45	
direct	-3853 Oct 08 j 00:13	27°♌53'47	
	-3853 Oct 13 j 07:01	0°♍	
morning max el	-3853 Oct 16 j 18:16	3°♍04'21	21°27'03
	-3853 Nov 05 j 20:06	0°♎	
desc. node	-3853 Nov 10 j 10:58	6°♎59'03	
morning set	-3853 Nov 16 j 20:23	16°♎54'49	
max. Earth dist.	-3853 Nov 24 j 05:15	28°♎46'55	1.42105 AU
	-3853 Nov 24 j 22:59	0°♏	
superior conj	-3853 Dec 01 j 13:58	11°♏11'00	-1°48'06
minimum elong	-3853 Dec 01 j 10:14	10°♏54'54	1°48'01
	-3853 Dec 12 j 03:50	0°♐	
evening rise	-3853 Dec 12 j 16:21	0°♐56'55	
asc. node	-3853 Dec 26 j 00:45	23°♐27'08	
evening max el	-3853 Dec 29 j 06:26	27°♐15'27	18°09'00
	-3852 Jan 01 j 23:22	0°♑	
retrograde	-3852 Jan 05 j 01:17	0°♑43'53	
evening set	-3852 Jan 07 j 17:08	0°♑12'15	
	-3852 Jan 08 j 04:47	30°℞♐	
inferior conj	-3852 Jan 14 j 10:48	25°♐15'20	4°02'39
minimum elong	-3852 Jan 14 j 10:25	25°♐16'15	4°02'29
min. Earth dist.	-3852 Jan 17 j 13:36	22°♐20'01	0.61102 AU
morning rise	-3852 Jan 21 j 02:22	19°♐31'39	
direct	-3852 Jan 28 j 00:34	17°♐11'57	
desc. node	-3852 Feb 06 j 10:26	20°♐53'02	
morning max el	-3852 Feb 11 j 02:47	24°♐54'13	27°33'27
	-3852 Feb 15 j 19:39	0°♑	
	-3852 Mar 06 j 14:26	0°♒	
morning set	-3852 Mar 14 j 08:32	15°♒05'18	
max. Earth dist.	-3852 Mar 20 j 13:29	28°♒16'26	1.32645 AU
	-3852 Mar 21 j 08:30	0°♓	
superior conj	-3852 Mar 21 j 14:05	0°♓30'25	-0°14'49
minimum elong	-3852 Mar 21 j 14:45	0°♓34'04	0°14'46
behind sun begin	-3852 Mar 21 j 12:56	0°♓24'10	
behind sun end	-3852 Mar 21 j 16:34	0°♓43'58	
asc. node	-3852 Mar 23 j 00:11	3°♓36'29	
evening rise	-3852 Mar 28 j 13:22	15°♓34'16	
	-3852 Apr 04 j 19:30	0°♈	
evening max el	-3852 Apr 24 j 01:22	27°♈25'09	25°07'17
	-3852 Apr 27 j 00:19	0°♉	
desc. node	-3852 May 04 j 09:13	4°♉01'30	
retrograde	-3852 May 08 j 02:36	4°♉33'52	
evening set	-3852 May 13 j 06:28	3°♉32'16	
min. Earth dist.	-3852 May 18 j 13:42	0°♉40'13	0.57610 AU
	-3852 May 19 j 13:48	30°℞♈	
inferior conj	-3852 May 21 j 15:26	28°♈34'57	-3°53'37
minimum elong	-3852 May 21 j 11:02	28°♈42'29	3°52'52
morning rise	-3852 May 29 j 18:35	24°♈21'19	
direct	-3852 Jun 01 j 06:14	24°♈02'56	
morning max el	-3852 Jun 10 j 00:02	28°♈08'17	19°03'22
	-3852 Jun 11 j 19:31	0°♉	
asc. node	-3852 Jun 18 j 23:49	10°♉17'12	
morning set	-3852 Jun 26 j 18:35	24°♉50'20	
	-3852 Jun 29 j 09:13	0°♊	
superior conj	-3852 Jul 05 j 05:19	11°♊26'04	1°48'17
minimum elong	-3852 Jul 05 j 04:31	11°♊22'13	1°48'25

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3852 Jul 11 j 18:46	23°♊41'30	1.38507 AU	
	-3852 Jul 15 j 07:59	0°♋		
evening rise	-3852 Jul 15 j 16:22	0°♋36'27		
desc. node	-3852 Jul 31 j 08:12	25°♋45'43		
	-3852 Aug 03 j 05:56	0°♌		
evening max el	-3852 Aug 20 j 08:52	21°♌28'04	24°37'55	
retrograde	-3852 Aug 31 j 18:44	28°♌08'16		
evening set	-3852 Sep 06 j 08:35	25°♌45'38		
min. Earth dist.	-3852 Sep 10 j 23:31	20°♌26'28	0.67180 AU	
inferior conj	-3852 Sep 11 j 17:13	19°♌27'18	-1°05'41	
minimum elong	-3852 Sep 11 j 18:45	19°♌22'10	1°04'55	
asc. node	-3852 Sep 14 j 22:57	15°♌24'53		
morning rise	-3852 Sep 17 j 04:54	13°♌22'20		
direct	-3852 Sep 20 j 21:34	12°♌03'39		
morning max el	-3852 Sep 28 j 16:32	16°♌35'36	20°14'07	
	-3852 Oct 09 j 03:19	0°♍		
morning set	-3852 Oct 25 j 18:53	25°♍06'38		
desc. node	-3852 Oct 27 j 07:54	27°♍30'20		
	-3852 Oct 28 j 22:18	0°♎		
max. Earth dist.	-3852 Nov 05 j 14:43	12°♎09'06	1.43655 AU	
superior conj	-3852 Nov 11 j 03:51	21°♎08'47	-1°25'22	
minimum elong	-3852 Nov 10 j 21:02	20°♎40'51	1°24'46	
	-3852 Nov 16 j 11:43	0°♏		
evening rise	-3852 Nov 24 j 01:15	12°♏55'49		
	-3852 Dec 04 j 02:01	0°♐		
asc. node	-3852 Dec 11 j 21:51	10°♐37'16		
evening max el	-3852 Dec 11 j 18:51	10°♐29'46	18°12'09	
retrograde	-3852 Dec 18 j 07:54	13°♐59'38		
evening set	-3852 Dec 21 j 03:14	13°♐19'30		
inferior conj	-3852 Dec 27 j 10:05	8°♐01'50	3°50'46	
minimum elong	-3852 Dec 27 j 07:51	8°♐07'48	3°50'21	
min. Earth dist.	-3852 Dec 29 j 23:44	5°♐18'14	0.62980 AU	
morning rise	-3851 Jan 02 j 11:44	2°♐06'24		
	-3851 Jan 06 j 04:21	30°℞♏		
direct	-3851 Jan 09 j 13:25	29°♏23'23		
	-3851 Jan 13 j 02:25	0°♐		
desc. node	-3851 Jan 23 j 07:29	7°♐04'18		
morning max el	-3851 Jan 23 j 08:48	7°♐07'32	27°41'28	
	-3851 Feb 09 j 22:24	0°♑		
morning set	-3851 Feb 26 j 09:48	29°♑28'38		
	-3851 Feb 26 j 16:02	0°♒		
max. Earth dist.	-3851 Mar 03 j 21:27	10°♒51'28	1.33090 AU	
superior conj	-3851 Mar 05 j 23:13	15°♒18'03	-0°39'52	
minimum elong	-3851 Mar 06 j 00:59	15°♒27'35	0°39'38	
asc. node	-3851 Mar 09 j 21:10	23°♒45'33		
	-3851 Mar 12 j 19:17	0°♓		
evening rise	-3851 Mar 13 j 01:02	0°♓30'18		
	-3851 Mar 29 j 16:37	0°♈		
evening max el	-3851 Apr 05 j 17:17	8°♈10'20	23°35'51	
retrograde	-3851 Apr 19 j 08:04	14°♈56'28		
desc. node	-3851 Apr 21 j 06:21	14°♈48'09		
evening set	-3851 Apr 23 j 03:50	14°♈24'21		
min. Earth dist.	-3851 Apr 30 j 04:30	11°♈09'32	0.56058 AU	
inferior conj	-3851 May 02 j 06:14	9°♈54'56	-2°49'16	
minimum elong	-3851 May 02 j 00:15	10°♈03'56	2°47'39	
morning rise	-3851 May 10 j 23:27	5°♈55'31		
direct	-3851 May 13 j 11:33	5°♈39'44		
morning max el	-3851 May 23 j 17:55	10°♈25'50	20°05'45	
asc. node	-3851 Jun 05 j 20:49	29°♈25'36		
	-3851 Jun 06 j 04:08	0°♉		
morning set	-3851 Jun 10 j 21:56	9°♉19'17		
superior conj	-3851 Jun 18 j 17:57	25°♉15'27	1°40'44	
minimum elong	-3851 Jun 18 j 15:48	25°♉04'42	1°40'42	
	-3851 Jun 21 j 03:14	0°♊		

max. Earth dist.	-3851 Jun 23 j 23:17	5°♊29'48	1.36674 AU	
evening rise	-3851 Jun 27 j 22:59	12°♊56'57		
	-3851 Jul 07 j 20:27	0°♋		
desc. node	-3851 Jul 18 j 05:16	15°♋47'21		
	-3851 Jul 29 j 03:49	0°♌		
evening max el	-3851 Aug 02 j 19:41	4°♌59'49	25°50'03	
retrograde	-3851 Aug 15 j 03:36	12°♌04'15		
evening set	-3851 Aug 21 j 08:19	9°♌25'52		
min. Earth dist.	-3851 Aug 25 j 14:44	4°♌44'06	0.66613 AU	
inferior conj	-3851 Aug 26 j 19:57	3°♌11'06	-1°57'42	
minimum elong	-3851 Aug 26 j 22:38	3°♌02'32	1°56'32	
	-3851 Aug 29 j 11:01	30°℞♋		
morning rise	-3851 Sep 01 j 13:05	27°♋15'52		
asc. node	-3851 Sep 01 j 20:05	27°♋05'19		
direct	-3851 Sep 04 j 19:51	26°♋13'38		
	-3851 Sep 11 j 15:50	0°♌		
morning max el	-3851 Sep 11 j 21:57	0°♌15'24	19°14'50	
	-3851 Oct 02 j 14:54	0°♍		
morning set	-3851 Oct 05 j 00:51	3°♍46'51		
desc. node	-3851 Oct 14 j 04:51	18°♍09'20		
max. Earth dist.	-3851 Oct 19 j 06:18	26°♍07'41	1.44601 AU	
superior conj	-3851 Oct 21 j 15:40	29°♍54'47	-0°46'11	
minimum elong	-3851 Oct 21 j 10:05	29°♍32'38	0°45'28	
	-3851 Oct 21 j 16:59	0°♎		
evening rise	-3851 Nov 05 j 12:40	23°♎57'15		
	-3851 Nov 09 j 04:41	0°♏		
evening max el	-3851 Nov 25 j 07:11	23°♏51'34	18°33'44	
asc. node	-3851 Nov 28 j 18:58	26°♏39'50		
retrograde	-3851 Dec 01 j 22:40	27°♏33'26		
evening set	-3851 Dec 04 j 22:37	26°♏43'22		
inferior conj	-3851 Dec 10 j 21:06	21°♏07'20	3°23'27	
minimum elong	-3851 Dec 10 j 18:02	21°♏16'21	3°22'40	
min. Earth dist.	-3851 Dec 12 j 19:54	18°♏49'55	0.64558 AU	
morning rise	-3851 Dec 16 j 13:02	15°♏03'04		
direct	-3851 Dec 23 j 09:07	12°♏11'54		
morning max el	-3850 Jan 05 j 18:01	19°♏52'11	27°14'53	
desc. node	-3850 Jan 10 j 04:31	24°♏40'35		
	-3850 Jan 14 j 11:55	0°♐		
	-3850 Feb 02 j 22:18	0°♑		
morning set	-3850 Feb 10 j 02:26	13°♑21'23		
max. Earth dist.	-3850 Feb 14 j 21:05	22°♑56'01	1.33937 AU	
superior conj	-3850 Feb 18 j 04:17	29°♑48'43	-1°03'51	
minimum elong	-3850 Feb 18 j 06:58	0°♒02'51	1°03'32	
	-3850 Feb 18 j 06:25	0°♒		
asc. node	-3850 Feb 24 j 18:12	13°♒46'06		
evening rise	-3850 Feb 25 j 11:48	15°♒18'15		
	-3850 Mar 04 j 23:06	0°♓		
evening max el	-3850 Mar 18 j 12:04	18°♓56'43	22°02'23	
retrograde	-3850 Mar 31 j 02:09	25°♓03'17		
evening set	-3850 Apr 02 j 20:50	24°♓46'08		
desc. node	-3850 Apr 08 j 03:28	22°♓52'08		
inferior conj	-3850 Apr 12 j 05:36	20°♓39'45	-1°07'34	
minimum elong	-3850 Apr 12 j 02:30	20°♓44'06	1°06'33	
min. Earth dist.	-3850 Apr 11 j 18:21	20°♓55'36	0.55229 AU	
morning rise	-3850 Apr 21 j 09:25	16°♓41'14		
direct	-3850 Apr 24 j 02:22	16°♓24'49		
morning max el	-3850 May 06 j 01:04	22°♓02'40	21°27'04	
	-3850 May 12 j 19:16	0°♈		
asc. node	-3850 May 23 j 17:50	18°♈59'19		
morning set	-3850 May 26 j 06:12	24°♈06'13		
	-3850 May 29 j 02:07	0°♉		
superior conj	-3850 Jun 02 j 16:18	9°♉36'31	1°27'06	
minimum elong	-3850 Jun 02 j 13:38	9°♉22'42	1°26'52	
max. Earth dist.	-3850 Jun 06 j 11:38	17°♉23'29	1.35129 AU	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3850 Jun 10 j 23:50	26°♉13'42		
	-3850 Jun 12 j 23:52	0°♊		
	-3850 Jul 01 j 05:25	0°♋		
desc. node	-3850 Jul 05 j 02:20	5°♋22'19		
evening max el	-3850 Jul 16 j 06:56	18°♋28'58	26°46'21	
retrograde	-3850 Jul 29 j 07:37	25°♋47'40		
evening set	-3850 Aug 05 j 01:10	23°♋00'14		
min. Earth dist.	-3850 Aug 08 j 23:48	18°♋56'54	0.65685 AU	
inferior conj	-3850 Aug 10 j 17:51	16°♋52'00	-2°46'14	
minimum elong	-3850 Aug 10 j 21:24	16°♋41'28	2°44'57	
morning rise	-3850 Aug 16 j 17:59	11°♋09'39		
direct	-3850 Aug 19 j 17:07	10°♋20'38		
asc. node	-3850 Aug 19 j 17:09	10°♋20'38		
morning max el	-3850 Aug 26 j 09:01	14°♋01'21	18°31'18	
	-3850 Sep 06 j 20:10	0°♌		
morning set	-3850 Sep 15 j 07:10	13°♌40'13		
	-3850 Sep 25 j 11:09	0°♍		
superior conj	-3850 Sep 30 j 15:14	8°♍11'16	0°02'50	
minimum elong	-3850 Sep 30 j 15:36	8°♍12'43	0°02'51	
behind sun begin	-3850 Sep 30 j 04:24	7°♍28'30		
behind sun end	-3850 Oct 01 j 02:48	8°♍56'54		
desc. node	-3850 Oct 01 j 01:50	8°♍53'06		
max. Earth dist.	-3850 Oct 02 j 00:28	10°♍22'17	1.44834 AU	
	-3850 Oct 14 j 11:43	0°♎		
evening rise	-3850 Oct 16 j 23:27	3°♎55'40		
greatest brilliancy	-3850 Oct 26 j 04:56	18°♎28'09	-0.8m	
	-3850 Nov 02 j 21:01	0°♏		
evening max el	-3850 Nov 08 j 17:00	7°♏17'12	19°12'36	
retrograde	-3850 Nov 15 j 18:04	11°♏19'54		
asc. node	-3850 Nov 15 j 16:04	11°♏19'52		
evening set	-3850 Nov 19 j 00:26	10°♏17'57		
inferior conj	-3850 Nov 24 j 16:36	4°♏26'39	2°45'39	
minimum elong	-3850 Nov 24 j 13:32	4°♏36'24	2°44'39	
min. Earth dist.	-3850 Nov 26 j 01:22	2°♏42'48	0.65784 AU	
	-3850 Nov 28 j 08:20	30°℞♎		
morning rise	-3850 Nov 30 j 02:20	28°♎16'03		
direct	-3850 Dec 06 j 11:11	25°♎29'50		
	-3850 Dec 15 j 23:23	0°♏		
morning max el	-3850 Dec 19 j 03:47	2°♏56'12	26°19'38	
desc. node	-3850 Dec 28 j 01:33	13°♏17'11		
	-3849 Jan 08 j 18:04	0°♐		
morning set	-3849 Jan 24 j 06:31	26°♐31'30		
	-3849 Jan 26 j 02:35	0°♑		
max. Earth dist.	-3849 Jan 28 j 09:15	4°♑24'44	1.35228 AU	
superior conj	-3849 Feb 02 j 02:59	13°♑55'05	-1°25'25	
minimum elong	-3849 Feb 02 j 06:08	14°♑11'15	1°25'09	
evening rise	-3849 Feb 09 j 19:48	29°♑51'41		
	-3849 Feb 09 j 21:25	0°♒		
asc. node	-3849 Feb 11 j 15:14	3°♒33'00		
	-3849 Feb 28 j 11:54	0°♓		
evening max el	-3849 Feb 28 j 15:17	0°♓08'05	20°38'37	
retrograde	-3849 Mar 11 j 16:04	5°♓23'16		
evening set	-3849 Mar 13 j 23:50	5°♓10'13		
inferior conj	-3849 Mar 23 j 01:15	1°♓12'18	0°49'08	
minimum elong	-3849 Mar 23 j 03:26	1°♓09'07	0°48'19	
min. Earth dist.	-3849 Mar 24 j 08:32	0°♓26'56	0.55320 AU	
	-3849 Mar 25 j 03:24	30°℞♒		
desc. node	-3849 Mar 26 j 00:35	29°♒30'33		
morning rise	-3849 Apr 01 j 05:49	26°♒55'58		
direct	-3849 Apr 04 j 14:39	26°♒31'16		
	-3849 Apr 14 j 06:54	0°♓		
morning max el	-3849 Apr 17 j 22:19	3°♓00'52	23°02'13	
	-3849 May 06 j 05:51	0°♈		
morning set	-3849 May 10 j 17:19	9°♈03'43		
asc. node	-3849 May 10 j 14:50	8°♈50'48		
superior conj	-3849 May 17 j 21:09	24°♈18'27	1°09'02	
minimum elong	-3849 May 17 j 18:37	24°♈04'56	1°08'41	
max. Earth dist.	-3849 May 20 j 09:44	29°♈38'31	1.33950 AU	
	-3849 May 20 j 13:50	0°♉		
evening rise	-3849 May 25 j 13:52	10°♉11'26		
	-3849 Jun 05 j 09:04	0°♊		
desc. node	-3849 Jun 21 j 23:25	24°♊18'19		
	-3849 Jun 26 j 23:57	0°♋		
evening max el	-3849 Jun 28 j 18:00	1°♋45'11	27°19'23	
retrograde	-3849 Jul 12 j 06:16	9°♋09'20		
evening set	-3849 Jul 19 j 08:14	6°♋23'37		
min. Earth dist.	-3849 Jul 23 j 00:39	2°♋56'23	0.64374 AU	
inferior conj	-3849 Jul 25 j 08:33	0°♋24'43	-3°28'49	
minimum elong	-3849 Jul 25 j 12:22	0°♋14'21	3°27'46	
	-3849 Jul 25 j 17:39	30°℞♊		
morning rise	-3849 Jul 31 j 17:10	24°♊58'15		
direct	-3849 Aug 03 j 10:55	24°♊19'23		
asc. node	-3849 Aug 06 j 14:14	25°♊10'08		
morning max el	-3849 Aug 09 j 23:16	27°♊47'36	18°04'43	
	-3849 Aug 11 j 22:52	0°♋		
morning set	-3849 Aug 27 j 16:38	24°♋51'12		
	-3849 Aug 30 j 17:40	0°♌		
superior conj	-3849 Sep 10 j 01:02	17°♌01'24	0°49'02	
minimum elong	-3849 Sep 10 j 06:12	17°♌22'14	0°48'29	
max. Earth dist.	-3849 Sep 14 j 17:32	24°♌32'16	1.44336 AU	
desc. node	-3849 Sep 17 j 22:50	29°♌37'58		
	-3849 Sep 18 j 04:26	0°♍		
evening rise	-3849 Sep 26 j 12:01	12°♍57'48		
	-3849 Oct 07 j 15:23	0°♎		
greatest brilliancy	-3849 Oct 10 j 05:07	3°♎50'40	-0.6m	
evening max el	-3849 Oct 22 j 22:13	20°♎44'01	20°07'10	
retrograde	-3849 Oct 30 j 15:14	25°♎15'16		
asc. node	-3849 Nov 02 j 13:09	24°♎26'01		
evening set	-3849 Nov 03 j 06:13	23°♎58'51		
inferior conj	-3849 Nov 08 j 17:53	17°♎55'40	2°00'47	
minimum elong	-3849 Nov 08 j 15:22	18°♎04'05	1°59'48	
min. Earth dist.	-3849 Nov 09 j 14:09	16°♎48'07	0.66654 AU	
morning rise	-3849 Nov 14 j 00:18	11°♎41'22		
direct	-3849 Nov 19 j 18:54	9°♎09'35		
morning max el	-3849 Dec 01 j 12:36	16°♎08'17	25°04'36	
	-3849 Dec 13 j 00:57	0°♏		
desc. node	-3849 Dec 14 j 22:35	2°♏36'38		
	-3848 Jan 01 j 16:21	0°♐		
morning set	-3848 Jan 06 j 16:58	8°♐44'30		
max. Earth dist.	-3848 Jan 10 j 10:13	15°♐30'50	1.36949 AU	
superior conj	-3848 Jan 16 j 16:22	27°♐29'08	-1°42'43	
minimum elong	-3848 Jan 16 j 19:15	27°♐43'15	1°42'37	
	-3848 Jan 17 j 22:54	0°♑		
evening rise	-3848 Jan 24 j 22:59	14°♑04'45		
asc. node	-3848 Jan 29 j 12:16	23°♑00'56		
	-3848 Feb 02 j 09:08	0°♒		
evening max el	-3848 Feb 11 j 05:12	11°♒55'40	19°31'23	
retrograde	-3848 Feb 20 j 13:44	16°♒22'16		
evening set	-3848 Feb 22 j 21:31	16°♒07'03		
inferior conj	-3848 Mar 02 j 07:10	12°♒01'35	2°28'31	
minimum elong	-3848 Mar 02 j 12:08	11°♒53'33	2°27'03	
min. Earth dist.	-3848 Mar 04 j 23:21	10°♒18'21	0.56315 AU	
morning rise	-3848 Mar 11 j 00:06	7°♒16'06		
desc. node	-3848 Mar 11 j 21:41	6°♒59'43		
direct	-3848 Mar 15 j 12:32	6°♒29'48		
morning max el	-3848 Mar 29 j 13:44	13°♒36'56	24°41'02	
	-3848 Apr 11 j 07:46	0°♓		
morning set	-3848 Apr 24 j 05:31	24°♓05'48		
asc. node	-3848 Apr 26 j 11:51	28°♓54'30		
	-3848 Apr 27 j 00:02	0°♈		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3848 May 01 j 06:10	9°♈13'21	0°47'48
minimum elong	-3848 May 01 j 04:12	9°♈02'46	0°47'27
max. Earth dist.	-3848 May 02 j 16:20	12°♈18'00	1.33144 AU
evening rise	-3848 May 08 j 13:12	24°♈38'02	
	-3848 May 11 j 05:41	0°♉	
	-3848 May 28 j 23:32	0°♊	
desc. node	-3848 Jun 07 j 20:27	12°♊19'00	
evening max el	-3848 Jun 10 j 03:09	14°♊36'58	27°22'56
retrograde	-3848 Jun 23 j 22:47	22°♊00'24	
evening set	-3848 Jul 01 j 01:55	19°♊30'05	
min. Earth dist.	-3848 Jul 04 j 15:55	16°♊31'36	0.62701 AU
inferior conj	-3848 Jul 07 j 13:11	13°♊43'29	-4°01'42
minimum elong	-3848 Jul 07 j 16:17	13°♊35'56	4°01'06
morning rise	-3848 Jul 14 j 07:47	8°♊35'43	
direct	-3848 Jul 16 j 22:17	8°♊04'24	
asc. node	-3848 Jul 23 j 11:19	11°♊21'59	
morning max el	-3848 Jul 23 j 14:03	11°♊28'41	17°56'08
	-3848 Aug 05 j 00:30	0°♋	
morning set	-3848 Aug 09 j 00:59	7°♋07'44	
superior conj	-3848 Aug 20 j 12:06	27°♋06'37	1°22'57
minimum elong	-3848 Aug 20 j 17:30	27°♋29'23	1°22'35
	-3848 Aug 22 j 05:21	0°♌	
max. Earth dist.	-3848 Aug 27 j 07:13	8°♌22'00	1.43190 AU
desc. node	-3848 Sep 03 j 19:47	20°♌20'38	
evening rise	-3848 Sep 04 j 16:06	21°♌39'53	
	-3848 Sep 10 j 02:05	0°♍	
	-3848 Oct 01 j 04:48	0°♎	
evening max el	-3848 Oct 04 j 21:31	4°♎10'07	21°14'49
retrograde	-3848 Oct 13 j 12:01	9°♎16'02	
evening set	-3848 Oct 17 j 13:55	7°♎42'32	
asc. node	-3848 Oct 19 j 10:16	5°♎59'02	
inferior conj	-3848 Oct 22 j 22:42	1°♎30'46	1°11'08
minimum elong	-3848 Oct 22 j 21:07	1°♎36'13	1°10'28
min. Earth dist.	-3848 Oct 23 j 07:44	0°♎59'44	0.67196 AU
	-3848 Oct 24 j 01:16	30°℞♍	
morning rise	-3848 Oct 28 j 04:08	25°♍15'29	
direct	-3848 Nov 02 j 07:32	23°♍03'38	
morning max el	-3848 Nov 12 j 21:28	29°♍22'42	23°39'33
	-3848 Nov 13 j 12:00	0°♎	
desc. node	-3848 Nov 30 j 19:34	22°♎25'42	
	-3848 Dec 05 j 21:17	0°♏	
morning set	-3848 Dec 18 j 03:27	19°♏42'44	
max. Earth dist.	-3848 Dec 22 j 05:55	26°♏47'45	1.38971 AU
	-3848 Dec 24 j 01:17	0°♐	
superior conj	-3848 Dec 29 j 16:26	10°♐19'11	-1°53'17
minimum elong	-3848 Dec 29 j 17:50	10°♐25'43	1°53'23
evening rise	-3847 Jan 07 j 18:48	27°♐50'05	
	-3847 Jan 08 j 21:36	0°♑	
asc. node	-3847 Jan 15 j 09:18	12°♑02'34	
evening max el	-3847 Jan 24 j 04:45	24°♑16'45	18°43'31
retrograde	-3847 Feb 01 j 04:31	28°♑08'42	
evening set	-3847 Feb 03 j 15:36	27°♑48'06	
inferior conj	-3847 Feb 11 j 07:54	23°♑24'39	3°32'03
minimum elong	-3847 Feb 11 j 11:46	23°♑17'24	3°31'15
min. Earth dist.	-3847 Feb 14 j 15:39	20°♑56'21	0.57975 AU
morning rise	-3847 Feb 19 j 05:30	18°♑11'07	
direct	-3847 Feb 24 j 23:14	16°♑50'09	
desc. node	-3847 Feb 26 j 18:47	16°♑58'15	
morning max el	-3847 Mar 11 j 05:25	24°♑17'38	26°09'17
	-3847 Mar 16 j 10:28	0°♒	
	-3847 Apr 04 j 05:29	0°♓	
morning set	-3847 Apr 08 j 17:07	9°♓06'01	
asc. node	-3847 Apr 13 j 08:50	19°♓05'04	
superior conj	-3847 Apr 15 j 17:22	24°♓13'56	0°24'24
minimum elong	-3847 Apr 15 j 16:18	24°♓08'08	0°24'09
max. Earth dist.	-3847 Apr 16 j 04:17	25°♓13'37	1.32684 AU
	-3847 Apr 18 j 08:53	0°♈	
evening rise	-3847 Apr 22 j 18:48	9°♈22'53	
	-3847 May 03 j 14:32	0°♉	
evening max el	-3847 May 23 j 07:46	26°♉52'08	26°53'45
desc. node	-3847 May 25 j 17:31	29°♉01'09	
	-3847 May 26 j 23:09	0°♊	
retrograde	-3847 Jun 06 j 07:49	4°♊12'22	
evening set	-3847 Jun 13 j 02:05	2°♊10'59	
	-3847 Jun 16 j 05:27	30°℞♉	
min. Earth dist.	-3847 Jun 16 j 21:18	29°♉28'15	0.60748 AU
inferior conj	-3847 Jun 20 j 04:21	26°♉40'06	-4°19'06
minimum elong	-3847 Jun 20 j 05:22	26°♉37'57	4°18'55
morning rise	-3847 Jun 27 j 10:26	21°♉53'29	
direct	-3847 Jun 29 j 23:21	21°♉27'58	
morning max el	-3847 Jul 07 j 02:39	24°♉58'00	18°06'35
asc. node	-3847 Jul 10 j 08:23	28°♉40'41	
	-3847 Jul 11 j 07:41	0°♊	
morning set	-3847 Jul 23 j 02:46	20°♊15'35	
	-3847 Jul 28 j 08:53	0°♋	
superior conj	-3847 Aug 02 j 02:25	8°♋33'24	1°42'20
minimum elong	-3847 Aug 02 j 05:26	8°♋46'47	1°42'20
max. Earth dist.	-3847 Aug 09 j 15:53	21°♋37'39	1.41545 AU
	-3847 Aug 14 j 17:54	0°♌	
evening rise	-3847 Aug 15 j 07:50	0°♌56'12	
desc. node	-3847 Aug 21 j 16:44	10°♌58'05	
	-3847 Sep 03 j 14:17	0°♍	
evening max el	-3847 Sep 17 j 14:48	17°♍35'59	22°31'38
retrograde	-3847 Sep 27 j 06:50	23°♍20'18	
evening set	-3847 Oct 01 j 21:43	21°♍27'40	
asc. node	-3847 Oct 06 j 07:23	16°♍25'32	
inferior conj	-3847 Oct 07 j 05:11	15°♍10'36	0°18'40
minimum elong	-3847 Oct 07 j 04:44	15°♍12'07	0°18'31
min. Earth dist.	-3847 Oct 07 j 03:47	15°♍15'25	0.67430 AU
morning rise	-3847 Oct 12 j 11:39	8°♍57'07	
direct	-3847 Oct 17 j 00:16	7°♍07'03	
morning max el	-3847 Oct 26 j 09:33	12°♍41'42	22°13'45
	-3847 Nov 09 j 01:59	0°♎	
desc. node	-3847 Nov 17 j 16:32	12°♎35'59	
morning set	-3847 Nov 28 j 09:25	29°♎17'15	
	-3847 Nov 28 j 20:00	0°♏	
max. Earth dist.	-3847 Dec 04 j 04:26	8°♏49'15	1.41030 AU
superior conj	-3847 Dec 11 j 22:08	22°♏12'15	-1°53'49
minimum elong	-3847 Dec 11 j 20:35	22°♏05'20	1°53'55
	-3847 Dec 16 j 05:42	0°♐	
evening rise	-3847 Dec 22 j 04:13	11°♐00'52	
	-3846 Jan 01 j 22:32	0°♑	
asc. node	-3846 Jan 02 j 06:20	0°♑29'38	
evening max el	-3846 Jan 07 j 11:29	7°♑04'31	18°15'47
retrograde	-3846 Jan 14 j 13:52	10°♑37'42	
evening set	-3846 Jan 17 j 03:59	10°♑10'21	
inferior conj	-3846 Jan 24 j 05:03	5°♑25'23	3°59'45
minimum elong	-3846 Jan 24 j 06:10	5°♑22'57	3°59'32
min. Earth dist.	-3846 Jan 27 j 12:35	2°♑33'14	0.59953 AU
morning rise	-3846 Jan 31 j 06:37	29°♐50'35	
	-3846 Jan 31 j 00:22	30°℞♐	
direct	-3846 Feb 06 j 21:36	27°♐50'51	
desc. node	-3846 Feb 13 j 15:53	29°♐45'18	
	-3846 Feb 14 j 02:28	0°♑	
morning max el	-3846 Feb 21 j 02:25	5°♑28'55	27°12'26
	-3846 Mar 11 j 08:07	0°♒	
morning set	-3846 Mar 24 j 02:21	23°♒58'05	
	-3846 Mar 26 j 22:57	0°♓	
max. Earth dist.	-3846 Mar 30 j 17:47	8°♓12'32	1.32562 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3846 Mar 31 j 05:04	9°♓14'17	-0°00'20
minimum elong	-3846 Mar 31 j 05:05	9°♓14'22	0°00'23
behind sun begin	-3846 Mar 31 j 00:05	8°♓47'00	
behind sun end	-3846 Mar 31 j 10:05	9°♓41'44	
asc. node	-3846 Mar 31 j 05:49	9°♓18'21	
evening rise	-3846 Apr 07 j 04:16	24°♓17'39	
	-3846 Apr 09 j 22:45	0°♈	
	-3846 Apr 27 j 20:52	0°♉	
evening max el	-3846 May 05 j 05:56	8°♉23'51	25°53'14
desc. node	-3846 May 12 j 14:38	13°♉52'50	
retrograde	-3846 May 19 j 07:55	15°♉39'02	
evening set	-3846 May 25 j 05:06	14°♉15'20	
min. Earth dist.	-3846 May 29 j 18:23	11°♉31'29	0.58705 AU
inferior conj	-3846 Jun 02 j 02:20	9°♉04'16	-4°12'27
minimum elong	-3846 Jun 01 j 23:58	9°♉08'41	4°12'09
morning rise	-3846 Jun 09 j 21:28	4°♉39'40	
direct	-3846 Jun 12 j 09:37	4°♉18'53	
morning max el	-3846 Jun 20 j 10:11	8°♉06'54	18°36'55
asc. node	-3846 Jun 27 j 05:25	16°♉51'05	
	-3846 Jul 04 j 14:53	0°♊	
morning set	-3846 Jul 06 j 17:11	4°♊01'46	
superior conj	-3846 Jul 15 j 15:07	21°♊08'00	1°49'03
minimum elong	-3846 Jul 15 j 15:30	21°♊09'50	1°49'12
	-3846 Jul 20 j 11:09	0°♋	
max. Earth dist.	-3846 Jul 22 j 19:12	4°♋08'45	1.39623 AU
evening rise	-3846 Jul 26 j 23:48	11°♋21'40	
	-3846 Aug 07 j 15:02	0°♌	
desc. node	-3846 Aug 08 j 13:43	1°♌25'53	
	-3846 Aug 30 j 02:57	0°♍	
evening max el	-3846 Aug 31 j 03:29	1°♍02'43	23°52'20
retrograde	-3846 Sep 10 j 22:34	7°♍24'40	
evening set	-3846 Sep 16 j 03:51	5°♍12'23	
	-3846 Sep 20 j 15:58	30°℞♌	
inferior conj	-3846 Sep 21 j 11:34	28°♌53'23	-0°34'57
minimum elong	-3846 Sep 21 j 12:24	28°♌50'35	0°34'30
min. Earth dist.	-3846 Sep 20 j 23:53	29°♌33'10	0.67360 AU
asc. node	-3846 Sep 23 j 04:31	26°♌36'51	
morning rise	-3846 Sep 26 j 20:54	22°♌44'31	
direct	-3846 Sep 30 j 20:11	21°♌15'16	
morning max el	-3846 Oct 09 j 03:47	26°♌08'18	20°54'34
	-3846 Oct 12 j 14:16	0°♍	
	-3846 Nov 02 j 14:22	0°♎	
desc. node	-3846 Nov 04 j 13:29	3°♎00'53	
morning set	-3846 Nov 07 j 14:41	7°♎44'39	
max. Earth dist.	-3846 Nov 16 j 09:42	21°♎43'45	1.42831 AU
	-3846 Nov 21 j 10:14	0°♏	
superior conj	-3846 Nov 23 j 03:45	2°♏54'11	-1°40'32
minimum elong	-3846 Nov 22 j 22:26	2°♏31'48	1°40'14
evening rise	-3846 Dec 04 j 23:21	23°♏28'43	
	-3846 Dec 08 j 15:20	0°♐	
asc. node	-3846 Dec 20 j 03:25	18°♐11'33	
evening max el	-3846 Dec 21 j 22:36	20°♐11'02	18°07'57
retrograde	-3846 Dec 28 j 14:05	23°♐39'06	
evening set	-3846 Dec 31 j 07:12	23°♐04'06	
inferior conj	-3845 Jan 06 j 19:56	17°♐57'57	3°59'53
minimum elong	-3845 Jan 06 j 18:38	18°♐01'12	3°59'39
min. Earth dist.	-3845 Jan 09 j 17:32	15°♐05'16	0.61927 AU
morning rise	-3845 Jan 13 j 05:00	12°♐08'29	
direct	-3845 Jan 20 j 05:44	9°♐37'11	
desc. node	-3845 Jan 31 j 12:58	14°♐52'58	
morning max el	-3845 Feb 03 j 05:49	17°♐21'20	27°41'23
	-3845 Feb 13 j 19:47	0°♑	
	-3845 Mar 03 j 23:14	0°♒	
morning set	-3845 Mar 08 j 07:17	8°♒35'05	
max. Earth dist.	-3845 Mar 14 j 04:58	21°♒00'55	1.32784 AU
superior conj	-3845 Mar 15 j 15:40	24°♒08'50	-0°25'30
minimum elong	-3845 Mar 15 j 16:49	24°♒15'05	0°25'22
asc. node	-3845 Mar 18 j 02:48	29°♒30'27	
	-3845 Mar 18 j 08:14	0°♓	
evening rise	-3845 Mar 22 j 15:41	9°♓15'29	
	-3845 Apr 02 j 11:20	0°♈	
evening max el	-3845 Apr 16 j 22:48	19°♈20'21	24°29'31
desc. node	-3845 Apr 29 j 11:45	26°♈17'49	
retrograde	-3845 Apr 30 j 21:17	26°♈22'20	
evening set	-3845 May 05 j 11:25	25°♈34'47	
min. Earth dist.	-3845 May 11 j 10:43	22°♈34'22	0.56873 AU
inferior conj	-3845 May 14 j 04:33	20°♈48'46	-3°31'25
minimum elong	-3845 May 13 j 23:03	20°♈57'39	3°30'15
morning rise	-3845 May 22 j 13:50	16°♈42'43	
direct	-3845 May 25 j 01:19	16°♈25'48	
morning max el	-3845 Jun 03 j 09:53	20°♈46'38	19°27'34
	-3845 Jun 10 j 17:07	0°♉	
asc. node	-3845 Jun 14 j 02:27	5°♉41'25	
morning set	-3845 Jun 20 j 16:38	18°♉17'20	
	-3845 Jun 26 j 12:54	0°♊	
superior conj	-3845 Jun 28 j 20:28	4°♊34'30	1°45'57
minimum elong	-3845 Jun 28 j 18:59	4°♊27'15	1°46'02
max. Earth dist.	-3845 Jul 04 j 21:01	16°♊03'54	1.37692 AU
evening rise	-3845 Jul 08 j 17:32	23°♊03'22	
	-3845 Jul 12 j 17:28	0°♋	
desc. node	-3845 Jul 26 j 10:44	21°♋38'53	
	-3845 Aug 01 j 09:23	0°♌	
evening max el	-3845 Aug 13 j 14:14	14°♌32'35	25°09'58
retrograde	-3845 Aug 25 j 10:18	21°♌25'11	
evening set	-3845 Aug 31 j 06:32	18°♌55'07	
min. Earth dist.	-3845 Sep 04 j 17:40	13°♌51'34	0.66978 AU
inferior conj	-3845 Sep 05 j 16:11	12°♌37'37	-1°28'02
minimum elong	-3845 Sep 05 j 18:14	12°♌30'53	1°27'05
asc. node	-3845 Sep 10 j 01:39	7°♌31'59	
morning rise	-3845 Sep 11 j 06:00	6°♌36'23	
direct	-3845 Sep 14 j 18:04	5°♌25'17	
morning max el	-3845 Sep 22 j 05:16	9°♌43'42	19°47'03
	-3845 Oct 07 j 03:22	0°♍	
morning set	-3845 Oct 17 j 13:28	16°♍00'33	
desc. node	-3845 Oct 22 j 10:26	23°♍35'54	
	-3845 Oct 26 j 12:19	0°♎	
max. Earth dist.	-3845 Oct 29 j 21:41	5°♎22'03	1.44138 AU
superior conj	-3845 Nov 03 j 05:52	12°♎19'09	-1°10'34
minimum elong	-3845 Nov 02 j 22:51	11°♎50'55	1°09'49
	-3845 Nov 13 j 23:34	0°♏	
evening rise	-3845 Nov 16 j 23:43	5°♏04'22	
	-3845 Dec 02 j 12:05	0°♐	
evening max el	-3845 Dec 05 j 11:19	3°♐29'16	18°19'09
asc. node	-3845 Dec 07 j 00:31	4°♐54'58	
retrograde	-3845 Dec 12 j 00:37	7°♐03'12	
evening set	-3845 Dec 14 j 21:38	6°♐19'14	
inferior conj	-3845 Dec 21 j 00:41	0°♐53'40	3°40'44
minimum elong	-3845 Dec 20 j 21:58	1°♐01'12	3°40'08
	-3845 Dec 21 j 19:50	30°℞♏	
min. Earth dist.	-3845 Dec 23 j 08:09	28°♏19'29	0.63691 AU
morning rise	-3845 Dec 26 j 21:42	24°♏53'57	
direct	-3844 Jan 02 j 21:54	22°♏05'19	
morning max el	-3844 Jan 16 j 13:35	29°♏49'44	27°34'03
	-3844 Jan 16 j 17:44	0°♐	
desc. node	-3844 Jan 18 j 10:02	1°♐44'07	
	-3844 Feb 07 j 17:53	0°♑	
morning set	-3844 Feb 20 j 05:17	22°♑46'58	
	-3844 Feb 23 j 18:38	0°♒	
max. Earth dist.	-3844 Feb 25 j 09:39	3°♒23'23	1.33393 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3844 Feb 27 j 23:19	8°♒50'17	-0°50'15
minimum elong	-3844 Feb 28 j 01:31	9°♒02'00	0°49'58
asc. node	-3844 Mar 03 j 23:48	19°♒36'29	
evening rise	-3844 Mar 06 j 03:10	24°♒08'42	
	-3844 Mar 08 j 23:19	0°♓	
evening max el	-3844 Mar 28 j 15:10	0°♈02'48	22°55'37
	-3844 Mar 28 j 13:59	0°♈	
retrograde	-3844 Apr 10 j 21:46	6°♈34'24	
evening set	-3844 Apr 14 j 04:59	6°♈10'33	
desc. node	-3844 Apr 15 j 08:54	5°♈51'24	
min. Earth dist.	-3844 Apr 22 j 01:16	2°♈42'12	0.55598 AU
inferior conj	-3844 Apr 23 j 11:49	1°♈52'08	-2°09'53
minimum elong	-3844 Apr 23 j 06:31	1°♈59'51	2°08'17
	-3844 Apr 26 j 20:23	30°♓	
morning rise	-3844 May 02 j 10:17	27°♓54'51	
direct	-3844 May 04 j 23:17	27°♓39'29	
	-3844 May 12 j 09:49	0°♈	
morning max el	-3844 May 15 j 23:19	2°♈47'23	20°38'13
asc. node	-3844 May 30 j 23:27	25°♈01'16	
	-3844 Jun 02 j 11:58	0°♉	
morning set	-3844 Jun 03 j 22:19	2°♉54'12	
superior conj	-3844 Jun 11 j 13:38	18°♉38'15	1°35'34
minimum elong	-3844 Jun 11 j 11:11	18°♉25'45	1°35'28
max. Earth dist.	-3844 Jun 16 j 03:59	27°♉49'37	1.35973 AU
	-3844 Jun 17 j 06:50	0°♊	
evening rise	-3844 Jun 20 j 08:34	5°♊49'32	
	-3844 Jul 04 j 12:37	0°♋	
desc. node	-3844 Jul 12 j 07:47	11°♋30'03	
evening max el	-3844 Jul 26 j 01:14	28°♋04'09	26°16'31
	-3844 Jul 28 j 03:18	0°♌	
retrograde	-3844 Aug 07 j 17:18	5°♌16'18	
evening set	-3844 Aug 14 j 03:40	2°♌33'15	
	-3844 Aug 16 j 16:45	30°♑	
min. Earth dist.	-3844 Aug 18 j 06:42	28°♋07'33	0.66256 AU
inferior conj	-3844 Aug 19 j 17:09	26°♋20'44	-2°18'51
minimum elong	-3844 Aug 19 j 20:15	26°♋11'06	2°17'36
morning rise	-3844 Aug 25 j 13:02	20°♋30'20	
asc. node	-3844 Aug 26 j 22:45	19°♋51'13	
direct	-3844 Aug 28 j 16:14	19°♋34'07	
morning max el	-3844 Sep 04 j 13:16	23°♋26'14	18°54'16
	-3844 Sep 09 j 21:19	0°♌	
morning set	-3844 Sep 26 j 04:39	25°♌09'05	
	-3844 Sep 29 j 06:04	0°♍	
desc. node	-3844 Oct 08 j 07:23	14°♍17'26	
max. Earth dist.	-3844 Oct 11 j 14:24	19°♍28'41	1.44787 AU
superior conj	-3844 Oct 12 j 10:06	20°♍46'21	-0°25'56
minimum elong	-3844 Oct 12 j 06:44	20°♍33'03	0°25'28
	-3844 Oct 18 j 06:08	0°♎	
evening rise	-3844 Oct 28 j 00:51	15°♎39'30	
	-3844 Nov 05 j 22:18	0°♏	
evening max el	-3844 Nov 17 j 22:58	16°♏54'09	18°48'17
asc. node	-3844 Nov 22 j 21:38	20°♏24'55	
retrograde	-3844 Nov 24 j 17:38	20°♏43'32	
evening set	-3844 Nov 27 j 20:06	19°♏48'43	
inferior conj	-3844 Dec 03 j 15:41	14°♏06'05	3°08'29
minimum elong	-3844 Dec 03 j 12:32	14°♏15'41	3°07'34
min. Earth dist.	-3844 Dec 05 j 08:27	12°♏02'13	0.65129 AU
morning rise	-3844 Dec 09 j 04:37	7°♏59'01	
direct	-3844 Dec 15 j 20:38	5°♏08'14	
morning max el	-3844 Dec 28 j 23:05	12°♏43'50	26°54'18
desc. node	-3843 Jan 04 j 07:05	19°♏49'02	
	-3843 Jan 11 j 22:34	0°♐	
	-3843 Jan 30 j 07:30	0°♑	
morning set	-3843 Feb 02 j 17:06	6°♑23'24	
max. Earth dist.	-3843 Feb 07 j 04:25	15°♑11'41	1.34435 AU
superior conj	-3843 Feb 11 j 02:01	23°♑12'02	-1°13'23
minimum elong	-3843 Feb 11 j 04:58	23°♑27'26	1°13'04
	-3843 Feb 14 j 07:45	0°♒	
evening rise	-3843 Feb 18 j 12:59	8°♒51'25	
asc. node	-3843 Feb 18 j 20:49	9°♒32'02	
	-3843 Mar 01 j 21:14	0°♓	
evening max el	-3843 Mar 10 j 13:10	10°♓58'05	21°25'01
retrograde	-3843 Mar 22 j 12:11	16°♓42'36	
evening set	-3843 Mar 25 j 00:35	16°♓28'12	
desc. node	-3843 Apr 02 j 06:01	13°♓04'12	
inferior conj	-3843 Apr 03 j 07:49	12°♓28'01	-0°17'55
minimum elong	-3843 Apr 03 j 06:58	12°♓29'12	0°17'41
min. Earth dist.	-3843 Apr 03 j 15:14	12°♓17'34	0.55160 AU
morning rise	-3843 Apr 12 j 13:26	8°♓23'54	
direct	-3843 Apr 15 j 11:51	8°♓05'00	
morning max el	-3843 Apr 28 j 01:47	14°♓05'52	22°06'14
	-3843 May 10 j 01:01	0°♈	
asc. node	-3843 May 17 j 20:27	14°♈43'01	
morning set	-3843 May 19 j 07:59	17°♈45'56	
	-3843 May 25 j 03:14	0°♉	
superior conj	-3843 May 26 j 15:01	3°♉08'37	1°19'52
minimum elong	-3843 May 26 j 12:20	2°♉54'33	1°19'35
max. Earth dist.	-3843 May 29 j 20:37	9°♉51'32	1.34587 AU
evening rise	-3843 Jun 03 j 15:33	19°♉25'05	
	-3843 Jun 09 j 07:28	0°♊	
	-3843 Jun 28 j 13:36	0°♋	
desc. node	-3843 Jun 29 j 04:51	0°♋49'44	
evening max el	-3843 Jul 08 j 12:47	11°♋29'38	27°03'49
retrograde	-3843 Jul 21 j 18:54	18°♋50'49	
evening set	-3843 Jul 28 j 16:41	16°♋02'57	
min. Earth dist.	-3843 Aug 01 j 12:31	12°♋15'20	0.65171 AU
inferior conj	-3843 Aug 03 j 12:17	9°♋58'31	-3°05'15
minimum elong	-3843 Aug 03 j 16:02	9°♋47'45	3°04'02
morning rise	-3843 Aug 09 j 15:49	4°♋22'20	
direct	-3843 Aug 12 j 12:27	3°♋37'50	
asc. node	-3843 Aug 13 j 19:50	3°♋47'05	
morning max el	-3843 Aug 19 j 01:53	7°♋12'05	18°17'51
	-3843 Sep 03 j 13:23	0°♌	
morning set	-3843 Sep 06 j 22:46	5°♌36'19	
superior conj	-3843 Sep 21 j 11:11	29°♌08'47	0°23'30
minimum elong	-3843 Sep 21 j 14:06	29°♌20'21	0°23'12
	-3843 Sep 22 j 00:05	0°♍	
max. Earth dist.	-3843 Sep 24 j 08:52	3°♍44'50	1.44708 AU
desc. node	-3843 Sep 25 j 04:20	5°♍01'44	
evening rise	-3843 Oct 08 j 01:14	25°♍11'30	
	-3843 Oct 11 j 03:16	0°♎	
greatest brilliancy	-3843 Oct 19 j 13:59	13°♎03'17	-0.7m
	-3843 Oct 31 j 23:09	0°♏	
evening max el	-3843 Nov 01 j 07:06	0°♏20'50	19°34'03
retrograde	-3843 Nov 08 j 14:00	4°♏34'22	
asc. node	-3843 Nov 09 j 18:45	4°♏26'04	
evening set	-3843 Nov 11 j 23:53	3°♏26'24	
	-3843 Nov 15 j 14:11	30°♑	
inferior conj	-3843 Nov 17 j 13:55	27°♎29'40	2°27'19
minimum elong	-3843 Nov 17 j 11:01	27°♎39'04	2°26'18
min. Earth dist.	-3843 Nov 18 j 17:07	26°♎01'23	0.66201 AU
morning rise	-3843 Nov 22 j 21:57	21°♎17'26	
direct	-3843 Nov 29 j 01:01	18°♎36'36	
morning max el	-3843 Dec 11 j 08:23	25°♎51'57	25°49'35
	-3843 Dec 15 j 04:14	0°♏	
desc. node	-3843 Dec 22 j 04:06	8°♏45'32	
	-3842 Jan 05 j 11:35	0°♐	
morning set	-3842 Jan 16 j 14:21	19°♐10'52	
max. Earth dist.	-3842 Jan 20 j 11:40	26°♐28'49	1.35922 AU
	-3842 Jan 22 j 07:19	0°♑	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3842 Jan 25 j 21:10	7°♑05'55	-1°33'24
minimum elong	-3842 Jan 26 j 00:19	7°♑21'49	1°33'12
evening rise	-3842 Feb 02 j 19:12	23°♑17'11	
asc. node	-3842 Feb 05 j 17:51	29°♑11'48	
	-3842 Feb 06 j 03:40	0°♒	
evening max el	-3842 Feb 20 j 20:50	22°♒24'14	20°07'37
retrograde	-3842 Mar 03 j 03:49	27°♒17'29	
evening set	-3842 Mar 05 j 10:59	27°♒03'55	
inferior conj	-3842 Mar 14 j 06:14	23°♒04'12	1°35'04
minimum elong	-3842 Mar 14 j 10:06	22°♒58'21	1°33'44
min. Earth dist.	-3842 Mar 16 j 05:13	21°♒53'37	0.55649 AU
desc. node	-3842 Mar 20 j 03:07	19°♒47'26	
morning rise	-3842 Mar 23 j 07:19	18°♒36'35	
direct	-3842 Mar 27 j 03:01	18°♒04'35	
morning max el	-3842 Apr 09 j 19:45	24°♒51'28	23°44'39
	-3842 Apr 14 j 13:12	0°♓	
	-3842 May 02 j 11:42	0°♈	
morning set	-3842 May 03 j 19:47	2°♈46'42	
asc. node	-3842 May 04 j 17:26	4°♈40'39	
superior conj	-3842 May 10 j 21:54	17°♈57'12	1°00'20
minimum elong	-3842 May 10 j 19:34	17°♈44'39	0°59'59
max. Earth dist.	-3842 May 12 j 22:56	22°♈19'08	1.33565 AU
	-3842 May 16 j 15:12	0°♉	
evening rise	-3842 May 18 j 09:58	3°♉36'44	
	-3842 Jun 02 j 01:52	0°♊	
desc. node	-3842 Jun 16 j 01:54	19°♊24'52	
evening max el	-3842 Jun 20 j 23:21	24°♊37'23	27°24'46
	-3842 Jun 27 j 21:34	0°♋	
retrograde	-3842 Jul 04 j 14:47	2°♋01'07	
	-3842 Jul 10 j 19:44	30°℞♊	
evening set	-3842 Jul 11 j 18:31	29°♊20'06	
min. Earth dist.	-3842 Jul 15 j 09:15	26°♊06'36	0.63706 AU
inferior conj	-3842 Jul 17 j 23:04	23°♊26'26	-3°44'16
minimum elong	-3842 Jul 18 j 02:43	23°♊16'55	3°43'23
morning rise	-3842 Jul 24 j 11:45	18°♊07'42	
direct	-3842 Jul 27 j 04:00	17°♊32'13	
asc. node	-3842 Jul 31 j 16:54	19°♊13'50	
morning max el	-3842 Aug 02 j 16:43	20°♊57'16	17°58'53
	-3842 Aug 09 j 12:52	0°♋	
morning set	-3842 Aug 19 j 18:39	17°♋17'23	
	-3842 Aug 27 j 04:44	0°♌	
superior conj	-3842 Sep 01 j 06:46	8°♌28'13	1°05'12
minimum elong	-3842 Sep 01 j 12:31	8°♌51'54	1°04'41
max. Earth dist.	-3842 Sep 07 j 01:19	17°♌50'18	1.43921 AU
desc. node	-3842 Sep 12 j 01:18	25°♌46'02	
	-3842 Sep 14 j 18:14	0°♍	
evening rise	-3842 Sep 17 j 07:56	3°♍59'18	
	-3842 Oct 04 j 15:46	0°♎	
evening max el	-3842 Oct 15 j 09:51	13°♎47'03	20°34'28
retrograde	-3842 Oct 23 j 11:19	18°♎32'29	
evening set	-3842 Oct 27 j 06:44	17°♎08'54	
asc. node	-3842 Oct 27 j 15:51	16°♎51'19	
inferior conj	-3842 Nov 01 j 16:57	11°♎01'23	1°40'09
minimum elong	-3842 Nov 01 j 14:47	11°♎08'42	1°39'17
min. Earth dist.	-3842 Nov 02 j 08:11	10°♎09'46	0.66923 AU
morning rise	-3842 Nov 06 j 22:40	4°♎46'24	
direct	-3842 Nov 12 j 10:43	2°♎22'58	
morning max el	-3842 Nov 23 j 17:09	9°♎05'52	24°29'08
desc. node	-3842 Dec 09 j 01:06	28°♎18'39	
	-3842 Dec 10 j 05:23	0°♏	
	-3842 Dec 29 j 02:58	0°♐	
morning set	-3842 Dec 29 j 15:22	0°♐54'04	
max. Earth dist.	-3841 Jan 02 j 09:50	7°♐36'33	1.37788 AU
superior conj	-3841 Jan 09 j 05:25	20°♐22'32	-1°48'11
minimum elong	-3841 Jan 09 j 07:49	20°♐34'12	1°48'12
	-3841 Jan 14 j 03:10	0°♑	
evening rise	-3841 Jan 17 j 19:37	7°♑19'37	
asc. node	-3841 Jan 23 j 14:53	18°♑29'44	
	-3841 Jan 30 j 18:18	0°♒	
evening max el	-3841 Feb 03 j 14:59	4°♒26'26	19°08'29
retrograde	-3841 Feb 12 j 08:32	8°♒36'52	
evening set	-3841 Feb 14 j 17:28	8°♒19'43	
inferior conj	-3841 Feb 22 j 19:36	4°♒07'06	3°00'13
minimum elong	-3841 Feb 23 j 00:28	3°♒58'43	2°58'57
min. Earth dist.	-3841 Feb 25 j 20:25	2°♒02'37	0.56956 AU
	-3841 Mar 01 j 07:06	30°℞♑	
morning rise	-3841 Mar 03 j 04:47	29°♑08'46	
desc. node	-3841 Mar 07 j 00:15	28°♑12'52	
direct	-3841 Mar 08 j 05:49	28°♑09'15	
	-3841 Mar 15 j 04:14	0°♒	
morning max el	-3841 Mar 22 j 10:44	5°♒26'56	25°20'55
	-3841 Apr 09 j 04:25	0°♓	
morning set	-3841 Apr 18 j 07:57	17°♓49'18	
asc. node	-3841 Apr 21 j 14:25	24°♓48'06	
	-3841 Apr 23 j 23:49	0°♈	
superior conj	-3841 Apr 25 j 08:04	2°♈55'45	0°38'06
minimum elong	-3841 Apr 25 j 06:28	2°♈47'00	0°37'46
max. Earth dist.	-3841 Apr 26 j 08:13	5°♈07'02	1.32902 AU
evening rise	-3841 May 02 j 12:17	18°♈12'19	
	-3841 May 08 j 12:13	0°♉	
	-3841 May 27 j 16:59	0°♊	
desc. node	-3841 Jun 02 j 22:58	6°♊55'43	
evening max el	-3841 Jun 03 j 06:35	7°♊14'05	27°14'28
retrograde	-3841 Jun 17 j 04:21	14°♊37'00	
evening set	-3841 Jun 24 j 05:16	12°♊17'05	
min. Earth dist.	-3841 Jun 27 j 20:03	9°♊27'32	0.61896 AU
inferior conj	-3841 Jun 30 j 22:22	6°♊36'42	-4°11'26
minimum elong	-3841 Jul 01 j 00:46	6°♊31'10	4°11'03
morning rise	-3841 Jul 07 j 21:43	1°♊38'06	
direct	-3841 Jul 10 j 11:21	1°♊09'30	
morning max el	-3841 Jul 17 j 07:00	4°♊34'47	17°58'16
asc. node	-3841 Jul 18 j 13:57	5°♊56'08	
morning set	-3841 Aug 02 j 11:01	29°♊57'06	
	-3841 Aug 02 j 11:39	0°♋	
superior conj	-3841 Aug 13 j 05:48	19°♋09'22	1°32'54
minimum elong	-3841 Aug 13 j 10:20	19°♋28'54	1°32'41
	-3841 Aug 19 j 15:50	0°♌	
max. Earth dist.	-3841 Aug 20 j 12:39	1°♌25'45	1.42534 AU
evening rise	-3841 Aug 27 j 14:34	12°♌49'00	
desc. node	-3841 Aug 29 j 22:15	16°♌26'51	
	-3841 Sep 07 j 20:15	0°♍	
evening max el	-3841 Sep 28 j 06:21	27°♍12'19	21°46'39
	-3841 Oct 01 j 08:09	0°♎	
retrograde	-3841 Oct 07 j 07:35	2°♎35'02	
evening set	-3841 Oct 11 j 14:42	0°♎53'37	
	-3841 Oct 12 j 14:54	30°℞♍	
asc. node	-3841 Oct 14 j 12:57	27°♍51'25	
inferior conj	-3841 Oct 16 j 22:42	24°♍38'57	0°49'06
minimum elong	-3841 Oct 16 j 21:35	24°♍42'48	0°48'40
min. Earth dist.	-3841 Oct 17 j 03:14	24°♍23'18	0.67323 AU
morning rise	-3841 Oct 22 j 04:19	18°♍23'51	
direct	-3841 Oct 27 j 01:11	16°♍21'22	
morning max el	-3841 Nov 06 j 03:06	22°♍22'24	23°02'41
	-3841 Nov 12 j 17:44	0°♎	
desc. node	-3841 Nov 25 j 22:05	18°♎17'46	
	-3841 Dec 03 j 14:05	0°♏	
morning set	-3841 Dec 10 j 14:09	11°♏17'56	
max. Earth dist.	-3841 Dec 15 j 05:38	19°♏08'48	1.39849 AU
	-3841 Dec 21 j 09:00	0°♐	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3841 Dec 22 j 22:23	2°♐50'28	-1°54'57
minimum elong	-3841 Dec 22 j 22:42	2°♐51'57	1°55'06
evening rise	-3840 Jan 01 j 11:28	20°♐51'46	
	-3840 Jan 06 j 07:46	0°♑	
asc. node	-3840 Jan 10 j 11:57	7°♑18'35	
evening max el	-3840 Jan 17 j 18:01	17°♑00'53	18°29'20
retrograde	-3840 Jan 25 j 07:29	20°♑43'06	
evening set	-3840 Jan 27 j 19:47	20°♑19'54	
inferior conj	-3840 Feb 04 j 05:18	15°♑47'47	3°47'42
minimum elong	-3840 Feb 04 j 08:04	15°♑42'16	3°47'14
min. Earth dist.	-3840 Feb 07 j 14:43	13°♑06'06	0.58791 AU
morning rise	-3840 Feb 11 j 18:05	10°♑24'00	
direct	-3840 Feb 17 j 22:09	8°♑46'06	
desc. node	-3840 Feb 21 j 21:21	9°♑25'23	
morning max el	-3840 Mar 03 j 04:30	16°♑19'52	26°39'49
	-3840 Mar 14 j 09:06	0°♒	
	-3840 Mar 31 j 10:27	0°♓	
morning set	-3840 Apr 01 j 18:49	2°♓47'34	
asc. node	-3840 Apr 07 j 11:25	15°♓01'00	
superior conj	-3840 Apr 08 j 19:45	17°♓57'52	0°14'03
minimum elong	-3840 Apr 08 j 19:07	17°♓54'28	0°13'52
behind sun begin	-3840 Apr 08 j 16:44	17°♓41'25	
behind sun end	-3840 Apr 08 j 21:31	18°♓07'32	
max. Earth dist.	-3840 Apr 08 j 21:10	18°♓05'38	1.32589 AU
	-3840 Apr 14 j 09:04	0°♈	
evening rise	-3840 Apr 15 j 19:49	3°♈02'57	
	-3840 Apr 30 j 10:21	0°♉	
evening max el	-3840 May 15 j 08:31	19°♉11'06	26°31'27
desc. node	-3840 May 19 j 20:04	22°♉55'32	
retrograde	-3840 May 29 j 10:14	26°♉30'17	
evening set	-3840 Jun 04 j 20:47	24°♉44'24	
min. Earth dist.	-3840 Jun 08 j 21:48	22°♉03'02	0.59875 AU
inferior conj	-3840 Jun 12 j 06:40	19°♉20'56	-4°19'50
minimum elong	-3840 Jun 12 j 06:21	19°♉21'34	4°19'42
morning rise	-3840 Jun 19 j 18:09	14°♉43'45	
direct	-3840 Jun 22 j 06:30	14°♉20'30	
morning max el	-3840 Jun 29 j 17:50	17°♉56'54	18°16'57
asc. node	-3840 Jul 04 j 10:59	23°♉38'37	
	-3840 Jul 08 j 11:15	0°♊	
morning set	-3840 Jul 15 j 18:39	13°♊22'24	
	-3840 Jul 24 j 15:39	0°♋	
superior conj	-3840 Jul 25 j 06:19	1°♋06'52	1°46'34
minimum elong	-3840 Jul 25 j 08:10	1°♋15'15	1°46'39
max. Earth dist.	-3840 Aug 01 j 18:15	14°♋20'25	1.40746 AU
evening rise	-3840 Aug 06 j 15:47	22°♋32'18	
	-3840 Aug 11 j 06:59	0°♌	
desc. node	-3840 Aug 15 j 19:13	7°♌00'41	
	-3840 Aug 31 j 21:07	0°♍	
evening max el	-3840 Sep 09 j 21:25	10°♍38'14	23°06'01
retrograde	-3840 Sep 20 j 01:14	16°♍39'21	
evening set	-3840 Sep 24 j 21:59	14°♍38'34	
inferior conj	-3840 Sep 30 j 05:22	8°♍20'16	-0°04'03
minimum elong	-3840 Sep 30 j 05:27	8°♍19'58	0°03'56
transit middle	-3840 Sep 30 j 05:27	8°♍19'58	0°03'56
transit begin	-3840 Sep 30 j 02:50	8°♍28'59	
transit end	-3840 Sep 30 j 08:05	8°♍10'56	
min. Earth dist.	-3840 Sep 29 j 23:42	8°♍39'48	0.67431 AU
asc. node	-3840 Sep 30 j 10:05	8°♍04'00	
morning rise	-3840 Oct 05 j 12:49	2°♍08'09	
direct	-3840 Oct 09 j 19:33	0°♍27'00	
morning max el	-3840 Oct 18 j 17:22	5°♍43'38	21°38'50
	-3840 Nov 06 j 01:49	0°♎	
desc. node	-3840 Nov 11 j 19:01	8°♎34'45	
morning set	-3840 Nov 19 j 08:14	20°♎19'01	
	-3840 Nov 25 j 08:12	0°♏	
max. Earth dist.	-3840 Nov 26 j 06:15	1°♏30'55	1.41837 AU
superior conj	-3840 Dec 03 j 18:30	14°♏14'53	-1°50'07
minimum elong	-3840 Dec 03 j 15:21	14°♏01'11	1°50'05
	-3840 Dec 12 j 14:06	0°♐	
evening rise	-3840 Dec 14 j 15:17	3°♐44'58	
asc. node	-3840 Dec 27 j 09:03	25°♐28'08	
evening max el	-3840 Dec 31 j 03:04	29°♐58'02	18°10'11
	-3840 Dec 31 j 03:52	0°♑	
retrograde	-3839 Jan 06 j 23:29	3°♑27'09	
evening set	-3839 Jan 09 j 14:56	2°♑56'37	
	-3839 Jan 14 j 05:49	30°℞♐	
inferior conj	-3839 Jan 16 j 10:25	28°♐02'47	4°02'36
minimum elong	-3839 Jan 16 j 10:24	28°♐02'48	4°02'27
min. Earth dist.	-3839 Jan 19 j 14:41	25°♐07'38	0.60809 AU
morning rise	-3839 Jan 23 j 04:28	22°♐21'21	
direct	-3839 Jan 30 j 01:14	20°♐06'29	
desc. node	-3839 Feb 07 j 18:27	23°♐16'33	
morning max el	-3839 Feb 13 j 04:03	27°♐47'33	27°29'06
	-3839 Feb 15 j 07:36	0°♑	
	-3839 Mar 07 j 23:54	0°♒	
morning set	-3839 Mar 17 j 02:29	17°♒34'05	
	-3839 Mar 22 j 22:46	0°♓	
max. Earth dist.	-3839 Mar 23 j 10:03	1°♓01'19	1.32616 AU
superior conj	-3839 Mar 24 j 07:12	2°♓56'43	-0°10'59
minimum elong	-3839 Mar 24 j 07:42	2°♓59'26	0°10'58
behind sun begin	-3839 Mar 24 j 04:03	2°♓39'28	
behind sun end	-3839 Mar 24 j 11:21	3°♓19'24	
asc. node	-3839 Mar 25 j 08:26	5°♓14'32	
evening rise	-3839 Mar 31 j 06:22	18°♓00'09	
	-3839 Apr 06 j 05:32	0°♈	
	-3839 Apr 26 j 17:10	0°♉	
evening max el	-3839 Apr 27 j 04:20	0°♉27'06	25°19'48
desc. node	-3839 May 06 j 17:11	6°♉49'30	
retrograde	-3839 May 11 j 05:56	7°♉37'32	
evening set	-3839 May 16 j 14:33	6°♉30'27	
min. Earth dist.	-3839 May 21 j 16:42	3°♉40'56	0.57884 AU
inferior conj	-3839 May 24 j 20:30	1°♉29'32	-3°59'50
minimum elong	-3839 May 24 j 16:36	1°♉36'21	3°59'14
	-3839 May 27 j 01:17	30°℞♈	
morning rise	-3839 Jun 01 j 21:31	27°♈13'05	
direct	-3839 Jun 04 j 09:21	26°♈54'04	
	-3839 Jun 11 j 21:37	0°♉	
morning max el	-3839 Jun 12 j 22:18	0°♉54'28	18°55'52
asc. node	-3839 Jun 21 j 08:02	12°♉07'36	
morning set	-3839 Jun 29 j 13:22	27°♉22'39	
	-3839 Jun 30 j 21:23	0°♊	
superior conj	-3839 Jul 08 j 02:46	14°♊05'32	1°48'46
minimum elong	-3839 Jul 08 j 02:15	14°♊03'05	1°48'55
max. Earth dist.	-3839 Jul 14 j 20:29	26°♊35'17	1.38794 AU
	-3839 Jul 16 j 18:32	0°♋	
evening rise	-3839 Jul 18 j 19:08	3°♋31'41	
desc. node	-3839 Aug 02 j 16:13	27°♋23'17	
	-3839 Aug 04 j 10:42	0°♌	
evening max el	-3839 Aug 23 j 09:10	24°♌07'22	24°26'17
	-3839 Aug 31 j 07:36	0°♍	
retrograde	-3839 Sep 03 j 15:12	0°♍42'51	
	-3839 Sep 06 j 17:06	30°℞♌	
evening set	-3839 Sep 09 j 02:52	28°♌22'51	
inferior conj	-3839 Sep 14 j 11:13	22°♌04'20	-0°57'36
minimum elong	-3839 Sep 14 j 12:34	21°♌59'47	0°56'56
min. Earth dist.	-3839 Sep 13 j 19:06	22°♌58'28	0.67239 AU
asc. node	-3839 Sep 17 j 07:12	18°♌27'53	
morning rise	-3839 Sep 19 j 22:15	15°♌58'18	
direct	-3839 Sep 23 j 16:36	14°♌36'56	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3839 Oct 01 j 14:34	19°♌13'51	20°24'12
	-3839 Oct 10 j 05:43	0°♍	
morning set	-3839 Oct 29 j 07:46	28°♍32'47	
desc. node	-3839 Oct 29 j 15:59	29°♍04'40	
	-3839 Oct 30 j 06:14	0°♎	
max. Earth dist.	-3839 Nov 08 j 14:52	14°♎47'08	1.43464 AU
superior conj	-3839 Nov 14 j 12:32	24°♎24'12	-1°29'55
minimum elong	-3839 Nov 14 j 06:00	23°♎57'14	1°29'23
	-3839 Nov 17 j 21:08	0°♏	
evening rise	-3839 Nov 27 j 03:00	15°♏51'37	
	-3839 Dec 05 j 07:36	0°♐	
asc. node	-3839 Dec 14 j 06:08	12°♐46'51	
evening max el	-3839 Dec 14 j 15:13	13°♐10'15	18°10'26
retrograde	-3839 Dec 21 j 04:35	16°♐39'18	
evening set	-3839 Dec 23 j 23:20	16°♐00'29	
inferior conj	-3839 Dec 30 j 07:37	10°♐45'37	3°53'41
minimum elong	-3839 Dec 30 j 05:36	10°♐50'56	3°53'18
min. Earth dist.	-3838 Jan 01 j 23:21	7°♐59'15	0.62717 AU
morning rise	-3838 Jan 05 j 11:04	4°♐51'39	
direct	-3838 Jan 12 j 12:45	2°♐11'20	
desc. node	-3838 Jan 25 j 15:32	9°♐12'05	
morning max el	-3838 Jan 26 j 09:28	9°♐55'24	27°42'36
	-3838 Feb 11 j 02:59	0°♑	
	-3838 Feb 28 j 04:37	0°♒	
morning set	-3838 Mar 01 j 04:47	2°♒01'12	
max. Earth dist.	-3838 Mar 06 j 19:04	13°♒40'39	1.32999 AU
superior conj	-3838 Mar 08 j 16:46	17°♒46'16	-0°36'07
minimum elong	-3838 Mar 08 j 18:22	17°♒54'58	0°35'54
asc. node	-3838 Mar 12 j 05:27	25°♒24'39	
	-3838 Mar 14 j 08:40	0°♓	
evening rise	-3838 Mar 15 j 18:02	2°♓56'54	
	-3838 Mar 30 j 14:58	0°♈	
evening max el	-3838 Apr 08 j 20:18	11°♈14'26	23°49'54
retrograde	-3838 Apr 22 j 13:24	18°♈05'15	
desc. node	-3838 Apr 23 j 14:20	18°♈02'49	
evening set	-3838 Apr 26 j 13:53	17°♈29'33	
min. Earth dist.	-3838 May 03 j 07:41	14°♈18'55	0.56249 AU
inferior conj	-3838 May 05 j 14:11	12°♈55'54	-3°01'42
minimum elong	-3838 May 05 j 08:11	13°♈05'05	3°00'10
morning rise	-3838 May 14 j 05:25	8°♈55'17	
direct	-3838 May 16 j 17:21	8°♈39'15	
morning max el	-3838 May 26 j 17:45	13°♈18'11	19°55'16
	-3838 Jun 07 j 13:25	0°♉	
asc. node	-3838 Jun 08 j 05:03	1°♉11'40	
morning set	-3838 Jun 13 j 15:47	11°♉48'34	
superior conj	-3838 Jun 21 j 13:39	27°♉49'35	1°42'18
minimum elong	-3838 Jun 21 j 11:40	27°♉39'38	1°42'19
	-3838 Jun 22 j 15:55	0°♊	
max. Earth dist.	-3838 Jun 27 j 00:11	8°♊25'00	1.36927 AU
evening rise	-3838 Jun 30 j 22:34	15°♊42'31	
	-3838 Jul 09 j 04:55	0°♋	
desc. node	-3838 Jul 20 j 13:15	17°♋28'18	
	-3838 Jul 29 j 22:46	0°♌	
evening max el	-3838 Aug 05 j 19:53	7°♌38'46	25°40'04
retrograde	-3838 Aug 18 j 00:50	14°♌40'28	
evening set	-3838 Aug 24 j 03:26	12°♌03'56	
min. Earth dist.	-3838 Aug 28 j 11:01	7°♌16'35	0.66720 AU
inferior conj	-3838 Aug 29 j 14:29	5°♌48'23	-1°49'57
minimum elong	-3838 Aug 29 j 17:01	5°♌40'15	1°48'52
morning rise	-3838 Sep 04 j 06:44	29°♋51'37	
asc. node	-3838 Sep 04 j 04:17	29°♋55'35	
	-3838 Sep 04 j 01:39	30°℞♋	
direct	-3838 Sep 07 j 14:47	28°♋47'13	
	-3838 Sep 11 j 08:12	0°♌	

morning max el	-3838 Sep 14 j 19:02	2°♌52'58	19°22'43
	-3838 Oct 03 j 22:06	0°♍	
morning set	-3838 Oct 08 j 11:14	7°♍05'18	
desc. node	-3838 Oct 16 j 12:56	19°♍42'58	
max. Earth dist.	-3838 Oct 22 j 05:44	28°♍41'41	1.44504 AU
	-3838 Oct 23 j 01:31	0°♎	
superior conj	-3838 Oct 25 j 03:45	3°♎19'30	-0°52'59
minimum elong	-3838 Oct 24 j 21:35	2°♎55'01	0°52'15
evening rise	-3838 Nov 08 j 17:55	27°♎02'34	
	-3838 Nov 10 j 12:41	0°♏	
evening max el	-3838 Nov 28 j 03:41	26°♏31'22	18°29'22
asc. node	-3838 Dec 01 j 03:12	29°♏00'44	
	-3838 Dec 03 j 08:24	0°♐	
retrograde	-3838 Dec 04 j 18:25	0°♐11'01	
	-3838 Dec 06 j 04:13	30°℞♏	
evening set	-3838 Dec 07 j 17:32	29°♏22'37	
inferior conj	-3838 Dec 13 j 17:07	23°♏49'08	3°28'23
minimum elong	-3838 Dec 13 j 14:07	23°♏57'51	3°27'38
min. Earth dist.	-3838 Dec 15 j 18:08	21°♏27'03	0.64342 AU
morning rise	-3838 Dec 19 j 10:14	17°♏45'53	
direct	-3838 Dec 26 j 07:32	14°♏54'58	
morning max el	-3837 Jan 08 j 18:30	22°♏36'53	27°20'53
desc. node	-3837 Jan 12 j 12:36	26°♏37'46	
	-3837 Jan 15 j 08:32	0°♐	
	-3837 Feb 04 j 07:46	0°♑	
morning set	-3837 Feb 12 j 22:57	15°♑59'49	
max. Earth dist.	-3837 Feb 17 j 20:11	25°♑50'43	1.33778 AU
	-3837 Feb 19 j 19:59	0°♒	
superior conj	-3837 Feb 20 j 22:35	2°♒20'18	-1°00'21
minimum elong	-3837 Feb 21 j 01:09	2°♒33'53	1°00'01
asc. node	-3837 Feb 27 j 02:28	15°♒27'06	
evening rise	-3837 Feb 28 j 05:02	17°♒46'48	
	-3837 Mar 06 j 07:49	0°♓	
evening max el	-3837 Mar 21 j 14:13	21°♓59'18	22°15'58
retrograde	-3837 Apr 03 j 09:14	28°♓13'08	
evening set	-3837 Apr 06 j 06:37	27°♓54'40	
desc. node	-3837 Apr 10 j 11:27	26°♓29'16	
min. Earth dist.	-3837 Apr 14 j 21:42	24°♓10'24	0.55294 AU
inferior conj	-3837 Apr 15 j 15:20	23°♓45'27	-1°24'47
minimum elong	-3837 Apr 15 j 11:32	23°♓50'50	1°23'31
morning rise	-3837 Apr 24 j 18:01	19°♓47'55	
direct	-3837 Apr 27 j 09:32	19°♓32'01	
morning max el	-3837 May 09 j 02:37	25°♓01'58	21°13'52
	-3837 May 13 j 14:53	0°♈	
asc. node	-3837 May 26 j 02:04	20°♈42'19	
morning set	-3837 May 28 j 23:26	26°♈33'21	
	-3837 May 30 j 15:20	0°♉	
superior conj	-3837 Jun 05 j 10:46	12°♉06'51	1°29'29
minimum elong	-3837 Jun 05 j 08:08	11°♉53'16	1°29'17
max. Earth dist.	-3837 Jun 09 j 10:58	20°♉15'48	1.35337 AU
evening rise	-3837 Jun 13 j 21:01	28°♉52'02	
	-3837 Jun 14 j 11:24	0°♊	
	-3837 Jul 02 j 09:16	0°♋	
desc. node	-3837 Jul 07 j 10:17	7°♋07'50	
evening max el	-3837 Jul 19 j 06:58	21°♋08'22	26°39'15
retrograde	-3837 Aug 01 j 05:40	28°♋25'57	
evening set	-3837 Aug 07 j 21:28	25°♋39'16	
min. Earth dist.	-3837 Aug 11 j 21:10	21°♋30'10	0.65847 AU
inferior conj	-3837 Aug 13 j 13:14	19°♋29'43	-2°39'14
minimum elong	-3837 Aug 13 j 16:41	19°♋19'21	2°37'57
morning rise	-3837 Aug 19 j 12:14	13°♋45'14	
asc. node	-3837 Aug 22 j 01:22	12°♋55'42	
direct	-3837 Aug 22 j 12:17	12°♋54'32	
morning max el	-3837 Aug 29 j 05:22	16°♋38'00	18°36'40

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3837 Sep 08 j 01:48	0°♌	
morning set	-3837 Sep 18 j 13:20	16°♌46'06	
	-3837 Sep 26 j 19:38	0°♍	
desc. node	-3837 Oct 03 j 09:52	10°♍26'04	
superior conj	-3837 Oct 04 j 03:42	11°♍36'23	-0°04'45
minimum elong	-3837 Oct 04 j 03:04	11°♍33'55	0°04'36
behind sun begin	-3837 Oct 03 j 16:04	10°♍50'33	
behind sun end	-3837 Oct 04 j 14:05	12°♍17'16	
max. Earth dist.	-3837 Oct 04 j 23:20	12°♍53'43	1.44842 AU
	-3837 Oct 15 j 19:46	0°♎	
evening rise	-3837 Oct 20 j 08:20	7°♎10'07	
greatest brilliancy	-3837 Oct 28 j 13:16	20°♎11'03	-0.8m
	-3837 Nov 03 j 22:27	0°♏	
evening max el	-3837 Nov 11 j 13:59	9°♏56'49	19°05'50
asc. node	-3837 Nov 18 j 00:17	13°♏54'18	
retrograde	-3837 Nov 18 j 13:16	13°♏55'57	
evening set	-3837 Nov 21 j 18:31	12°♏55'59	
inferior conj	-3837 Nov 27 j 11:31	7°♏06'54	2°51'55
minimum elong	-3837 Nov 27 j 08:24	7°♏16'40	2°50'55
min. Earth dist.	-3837 Nov 28 j 22:20	5°♏17'37	0.65623 AU
morning rise	-3837 Dec 02 j 21:58	0°♏57'03	
	-3837 Dec 04 j 02:32	30°℞♎	
direct	-3837 Dec 09 j 08:46	28°♎09'12	
	-3837 Dec 15 j 05:23	0°♏	
morning max el	-3837 Dec 22 j 04:13	5°♏38'44	26°29'21
desc. node	-3837 Dec 30 j 09:38	15°♏06'50	
	-3836 Jan 09 j 23:44	0°♐	
morning set	-3836 Jan 27 j 05:10	29°♐17'17	
	-3836 Jan 27 j 14:13	0°♑	
max. Earth dist.	-3836 Jan 31 j 09:57	7°♑23'53	1.35004 AU
superior conj	-3836 Feb 04 j 22:22	16°♑30'56	-1°22'23
minimum elong	-3836 Feb 05 j 01:30	16°♑47'01	1°22'06
	-3836 Feb 11 j 09:58	0°♒	
evening rise	-3836 Feb 12 j 13:32	2°♒22'44	
asc. node	-3836 Feb 13 j 23:28	5°♒16'29	
	-3836 Feb 28 j 18:14	0°♓	
evening max el	-3836 Mar 02 j 15:58	3°♓06'06	20°50'12
retrograde	-3836 Mar 13 j 22:49	8°♓28'55	
evening set	-3836 Mar 16 j 07:17	8°♓15'47	
inferior conj	-3836 Mar 25 j 10:34	4°♓17'57	0°31'52
minimum elong	-3836 Mar 25 j 12:01	4°♓15'53	0°31'17
min. Earth dist.	-3836 Mar 26 j 11:57	3°♓41'32	0.55246 AU
desc. node	-3836 Mar 27 j 08:35	3°♓12'16	
morning rise	-3836 Apr 03 j 15:48	0°♓05'10	
	-3836 Apr 04 j 01:17	30°℞♒	
direct	-3836 Apr 06 j 21:28	29°♒42'21	
	-3836 Apr 09 j 16:36	0°♓	
morning max el	-3836 Apr 20 j 01:06	6°♓05'06	22°47'26
	-3836 May 06 j 16:09	0°♈	
asc. node	-3836 May 11 j 23:04	10°♈31'31	
morning set	-3836 May 12 j 10:13	11°♈29'32	
superior conj	-3836 May 19 j 14:48	26°♈46'11	1°12'00
minimum elong	-3836 May 19 j 12:12	26°♈32'26	1°11'40
	-3836 May 21 j 03:29	0°♉	
max. Earth dist.	-3836 May 22 j 07:34	2°♉26'56	1.34105 AU
evening rise	-3836 May 27 j 09:21	12°♉44'38	
	-3836 Jun 05 j 17:45	0°♊	
desc. node	-3836 Jun 23 j 07:20	26°♊10'46	
	-3836 Jun 26 j 12:23	0°♋	
evening max el	-3836 Jun 30 j 18:15	4°♋27'47	27°16'14
retrograde	-3836 Jul 14 j 05:11	11°♋51'27	
evening set	-3836 Jul 21 j 06:11	9°♋04'50	
min. Earth dist.	-3836 Jul 24 j 23:25	5°♋32'24	0.64593 AU
inferior conj	-3836 Jul 27 j 05:10	3°♋04'20	-3°22'58
minimum elong	-3836 Jul 27 j 09:00	2°♋53'46	3°21'50
	-3836 Jul 30 j 04:11	30°℞♊	
morning rise	-3836 Aug 02 j 12:26	27°♊35'10	
direct	-3836 Aug 05 j 06:49	26°♊54'57	
asc. node	-3836 Aug 07 j 22:27	27°♊31'41	
	-3836 Aug 11 j 09:14	0°♋	
morning max el	-3836 Aug 11 j 19:16	0°♋24'35	18°07'29
morning set	-3836 Aug 29 j 18:59	27°♋46'28	
	-3836 Aug 31 j 02:43	0°♌	
superior conj	-3836 Sep 12 j 10:40	20°♌18'00	0°42'41
minimum elong	-3836 Sep 12 j 15:23	20°♌37'00	0°42'12
max. Earth dist.	-3836 Sep 16 j 16:45	27°♌05'45	1.44454 AU
	-3836 Sep 18 j 12:48	0°♍	
desc. node	-3836 Sep 19 j 06:48	1°♍10'59	
evening rise	-3836 Sep 28 j 23:36	16°♍19'16	
	-3836 Oct 07 j 21:05	0°♎	
greatest brilliancy	-3836 Oct 12 j 08:25	6°♎44'56	-0.7m
evening max el	-3836 Oct 24 j 20:03	23°♎24'03	19°58'11
retrograde	-3836 Nov 01 j 10:15	27°♎50'24	
asc. node	-3836 Nov 03 j 21:23	27°♎15'10	
evening set	-3836 Nov 04 j 23:51	26°♎36'16	
inferior conj	-3836 Nov 10 j 12:05	20°♎34'47	2°07'54
minimum elong	-3836 Nov 10 j 09:27	20°♎43'30	2°06'55
min. Earth dist.	-3836 Nov 11 j 10:07	19°♎21'45	0.66548 AU
morning rise	-3836 Nov 15 j 18:49	14°♎20'58	
direct	-3836 Nov 21 j 15:43	11°♎46'31	
morning max el	-3836 Dec 03 j 13:03	18°♎49'53	25°16'38
	-3836 Dec 13 j 01:04	0°♏	
desc. node	-3836 Dec 16 j 06:37	4°♏20'49	
	-3835 Jan 02 j 01:21	0°♐	
morning set	-3835 Jan 08 j 18:33	11°♐39'41	
max. Earth dist.	-3835 Jan 12 j 12:19	18°♐31'33	1.36673 AU
	-3835 Jan 18 j 11:13	0°♑	
superior conj	-3835 Jan 18 j 13:21	0°♑10'30	-1°40'27
minimum elong	-3835 Jan 18 j 16:20	0°♑25'16	1°40'21
evening rise	-3835 Jan 26 j 17:34	16°♑39'13	
asc. node	-3835 Jan 30 j 20:30	24°♑47'41	
	-3835 Feb 02 j 15:45	0°♒	
evening max el	-3835 Feb 13 j 04:18	14°♒48'04	19°40'10
retrograde	-3835 Feb 22 j 18:19	19°♒20'58	
evening set	-3835 Feb 25 j 01:53	19°♒06'16	
inferior conj	-3835 Mar 05 j 14:08	15°♒02'43	2°15'37
minimum elong	-3835 Mar 05 j 18:56	14°♒55'06	2°14'06
min. Earth dist.	-3835 Mar 08 j 02:26	13°♒27'37	0.56121 AU
morning rise	-3835 Mar 14 j 09:29	10°♒21'58	
desc. node	-3835 Mar 14 j 05:43	10°♒25'00	
direct	-3835 Mar 18 j 17:33	9°♒39'47	
morning max el	-3835 Apr 01 j 16:51	16°♒42'08	24°26'39
	-3835 Apr 12 j 10:18	0°♓	
morning set	-3835 Apr 26 j 22:21	26°♓31'14	
asc. node	-3835 Apr 28 j 20:04	0°♈33'34	
	-3835 Apr 28 j 13:47	0°♈	
superior conj	-3835 May 03 j 23:18	11°♈39'25	0°51'12
minimum elong	-3835 May 03 j 21:14	11°♈28'14	0°50'49
max. Earth dist.	-3835 May 05 j 13:11	15°♈03'32	1.33243 AU
evening rise	-3835 May 11 j 07:31	27°♈07'37	
	-3835 May 12 j 17:52	0°♉	
	-3835 May 30 j 01:30	0°♊	
desc. node	-3835 Jun 10 j 04:25	14°♊21'22	
evening max el	-3835 Jun 13 j 03:56	17°♊24'30	27°24'29
retrograde	-3835 Jun 26 j 22:30	24°♊47'49	
evening set	-3835 Jul 04 j 02:07	22°♊14'23	
min. Earth dist.	-3835 Jul 07 j 16:09	19°♊12'20	0.62972 AU
inferior conj	-3835 Jul 10 j 11:31	16°♊25'57	-3°57'39

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3835 Jul	10 j 14:48	16°♊17'47	3°56'57
morning rise	-3835 Jul	17 j 04:31	11°♊15'09	
direct	-3835 Jul	19 j 19:26	10°♊42'48	
asc. node	-3835 Jul	25 j 19:31	13°♊32'17	
morning max el	-3835 Jul	26 j 10:09	14°♊06'58	17°56'14
	-3835 Aug	06 j 08:45	0°♋	
morning set	-3835 Aug	12 j 00:21	9°♋54'46	
superior conj	-3835 Aug	23 j 17:37	0°♌11'11	1°18'47
minimum elong	-3835 Aug	23 j 23:13	0°♌34'38	1°18'21
	-3835 Aug	23 j 14:57	0°♌	
max. Earth dist.	-3835 Aug	30 j 07:27	11°♌01'01	1.43400 AU
desc. node	-3835 Sep	06 j 03:44	21°♌54'15	
evening rise	-3835 Sep	08 j 03:47	25°♌01'31	
	-3835 Sep	11 j 09:10	0°♍	
	-3835 Oct	02 j 01:08	0°♎	
evening max el	-3835 Oct	07 j 20:17	6°♎50'22	21°04'01
retrograde	-3835 Oct	16 j 07:12	11°♎50'38	
evening set	-3835 Oct	20 j 07:23	10°♎19'43	
asc. node	-3835 Oct	21 j 18:30	9°♎01'17	
inferior conj	-3835 Oct	25 j 16:30	4°♎08'59	1°18'50
minimum elong	-3835 Oct	25 j 14:45	4°♎14'58	1°18'08
min. Earth dist.	-3835 Oct	26 j 03:06	3°♎32'43	0.67139 AU
	-3835 Oct	28 j 20:53	30°℞♍	
morning rise	-3835 Oct	30 j 21:57	27°♍53'48	
direct	-3835 Nov	05 j 03:36	25°♍38'54	
	-3835 Nov	13 j 17:37	0°♎	
morning max el	-3835 Nov	15 j 21:47	2°♎04'04	23°52'28
desc. node	-3835 Dec	03 j 03:35	24°♎05'55	
	-3835 Dec	07 j 03:24	0°♏	
morning set	-3835 Dec	21 j 08:58	22°♏49'45	
	-3835 Dec	25 j 11:48	0°♐	
max. Earth dist.	-3835 Dec	25 j 08:26	29°♏45'04	1.38663 AU
superior conj	-3834 Jan	01 j 15:41	13°♐07'48	-1°52'15
minimum elong	-3834 Jan	01 j 17:23	13°♐15'53	1°52'20
	-3834 Jan	10 j 08:41	0°♑	
evening rise	-3834 Jan	10 j 14:39	0°♑29'12	
asc. node	-3834 Jan	17 j 17:33	13°♑53'54	
evening max el	-3834 Jan	27 j 02:31	27°♑04'27	18°49'21
	-3834 Jan	31 j 02:54	0°♒	
retrograde	-3834 Feb	04 j 06:30	1°♒00'41	
evening set	-3834 Feb	06 j 17:03	0°♒41'01	
	-3834 Feb	08 j 15:11	30°℞♑	
inferior conj	-3834 Feb	14 j 11:49	26°♑20'23	3°24'52
minimum elong	-3834 Feb	14 j 16:01	26°♑12'40	3°23'57
min. Earth dist.	-3834 Feb	17 j 18:15	23°♑57'43	0.57697 AU
morning rise	-3834 Feb	22 j 12:29	21°♑10'40	
direct	-3834 Feb	28 j 02:07	19°♑55'34	
desc. node	-3834 Mar	01 j 02:50	19°♑58'09	
morning max el	-3834 Mar	14 j 08:10	27°♑20'38	25°57'33
	-3834 Mar	16 j 21:57	0°♒	
	-3834 Apr	05 j 16:18	0°♓	
morning set	-3834 Apr	11 j 10:11	11°♓32'38	
asc. node	-3834 Apr	15 j 17:04	20°♓43'46	
superior conj	-3834 Apr	18 j 10:19	26°♓39'56	0°28'04
minimum elong	-3834 Apr	18 j 09:06	26°♓33'19	0°27'48
max. Earth dist.	-3834 Apr	19 j 00:39	27°♓58'16	1.32729 AU
	-3834 Apr	19 j 23:00	0°♈	
evening rise	-3834 Apr	25 j 12:22	11°♈50'40	
	-3834 May	04 j 22:42	0°♉	
evening max el	-3834 May	26 j 09:20	29°♉45'54	27°00'09
	-3834 May	26 j 15:17	0°♊	
desc. node	-3834 May	28 j 01:32	1°♊17'42	
retrograde	-3834 Jun	09 j 08:43	7°♊06'44	
evening set	-3834 Jun	16 j 05:11	5°♊00'07	
min. Earth dist.	-3834 Jun	19 j 22:51	2°♊16'16	0.61051 AU
	-3834 Jun	22 j 13:49	30°℞♉	
inferior conj	-3834 Jun	23 j 04:57	29°♉26'48	-4°17'50
minimum elong	-3834 Jun	23 j 06:22	29°♉23'41	4°17'37
morning rise	-3834 Jun	30 j 09:14	24°♉37'04	
direct	-3834 Jul	02 j 22:22	24°♉10'44	
morning max el	-3834 Jul	09 j 23:19	27°♉39'03	18°03'50
	-3834 Jul	12 j 02:59	0°♊	
asc. node	-3834 Jul	12 j 16:35	0°♊42'10	
morning set	-3834 Jul	25 j 23:54	22°♊56'14	
	-3834 Jul	29 j 19:46	0°♋	
superior conj	-3834 Aug	05 j 04:12	11°♋27'06	1°40'17
minimum elong	-3834 Aug	05 j 07:37	11°♋42'13	1°40'13
max. Earth dist.	-3834 Aug	12 j 17:01	24°♋23'09	1.41816 AU
	-3834 Aug	16 j 02:46	0°♌	
evening rise	-3834 Aug	18 j 16:44	4°♌10'01	
desc. node	-3834 Aug	24 j 00:43	12°♌32'58	
	-3834 Sep	04 j 17:54	0°♍	
evening max el	-3834 Sep	20 j 14:23	20°♍16'08	22°19'43
retrograde	-3834 Sep	30 j 02:28	25°♍54'50	
evening set	-3834 Oct	04 j 15:18	24°♍05'03	
asc. node	-3834 Oct	08 j 15:38	19°♍35'20	
inferior conj	-3834 Oct	09 j 22:52	17°♍48'25	0°26'43
minimum elong	-3834 Oct	09 j 22:15	17°♍50'34	0°26'29
min. Earth dist.	-3834 Oct	09 j 22:58	17°♍48'05	0.67417 AU
morning rise	-3834 Oct	15 j 05:05	11°♍34'29	
direct	-3834 Oct	19 j 19:45	9°♍41'18	
morning max el	-3834 Oct	29 j 09:18	15°♍22'39	22°26'13
	-3834 Nov	10 j 04:40	0°♎	
desc. node	-3834 Nov	20 j 00:32	14°♎13'19	
	-3834 Nov	30 j 04:27	0°♏	
morning set	-3834 Dec	01 j 19:18	2°♏36'49	
max. Earth dist.	-3834 Dec	07 j 06:12	11°♏38'52	1.40730 AU
superior conj	-3834 Dec	15 j 00:28	25°♏10'08	-1°54'34
minimum elong	-3834 Dec	14 j 23:27	25°♏05'33	1°54'40
	-3834 Dec	17 j 16:28	0°♐	
evening rise	-3834 Dec	25 j 01:51	13°♐45'46	
	-3833 Jan	03 j 01:45	0°♑	
asc. node	-3833 Jan	04 j 14:37	2°♑27'04	
evening max el	-3833 Jan	10 j 08:22	9°♑48'51	18°18'41
retrograde	-3833 Jan	17 j 13:21	13°♑24'07	
evening set	-3833 Jan	20 j 02:58	12°♑57'54	
inferior conj	-3833 Jan	27 j 06:07	8°♑16'14	3°57'32
minimum elong	-3833 Jan	27 j 07:39	8°♑12'57	3°57'16
min. Earth dist.	-3833 Jan	30 j 14:28	5°♑26'00	0.59644 AU
morning rise	-3833 Feb	03 j 10:28	2°♑43'57	
direct	-3833 Feb	09 j 22:51	0°♑49'48	
desc. node	-3833 Feb	15 j 23:56	2°♑21'16	
morning max el	-3833 Feb	24 j 04:22	8°♑27'09	27°05'08
	-3833 Mar	12 j 13:46	0°♒	
morning set	-3833 Mar	26 j 19:55	26°♒26'45	
	-3833 Mar	28 j 12:31	0°♓	
superior conj	-3833 Apr	02 j 22:04	11°♓41'00	0°03'30
minimum elong	-3833 Apr	02 j 21:54	11°♓40'11	0°03'25
behind sun begin	-3833 Apr	02 j 17:00	11°♓13'20	
behind sun end	-3833 Apr	03 j 02:49	12°♓07'01	
max. Earth dist.	-3833 Apr	02 j 14:10	10°♓57'47	1.32554 AU
asc. node	-3833 Apr	02 j 14:04	10°♓57'13	
evening rise	-3833 Apr	09 j 21:24	26°♓44'37	
	-3833 Apr	11 j 11:03	0°♈	
	-3833 Apr	28 j 17:40	0°♉	
evening max el	-3833 May	08 j 08:24	11°♉23'57	26°04'00
desc. node	-3833 May	14 j 22:41	16°♉28'39	
retrograde	-3833 May	22 j 10:29	18°♉40'37	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3833 May 28 j 11:33	17°♉10'58	
min. Earth dist.	-3833 Jun 01 j 21:01	14°♉28'23	0.59004 AU
inferior conj	-3833 Jun 05 j 05:44	11°♉56'28	-4°15'27
minimum elong	-3833 Jun 05 j 03:54	11°♉59'55	4°15'15
morning rise	-3833 Jun 12 j 22:50	7°♉28'47	
direct	-3833 Jun 15 j 11:01	7°♉07'26	
morning max el	-3833 Jun 23 j 07:50	10°♉51'55	18°31'07
asc. node	-3833 Jun 29 j 13:38	18°♉45'39	
	-3833 Jul 06 j 01:09	0°♊	
morning set	-3833 Jul 09 j 12:41	6°♊37'16	
superior conj	-3833 Jul 18 j 13:56	23°♊52'45	1°48'43
minimum elong	-3833 Jul 18 j 14:41	23°♊56'15	1°48'52
	-3833 Jul 21 j 22:05	0°♋	
max. Earth dist.	-3833 Jul 25 j 20:45	6°♋59'58	1.39916 AU
evening rise	-3833 Jul 30 j 04:46	14°♋24'11	
	-3833 Aug 08 j 21:52	0°♌	
desc. node	-3833 Aug 10 j 21:44	3°♌02'41	
	-3833 Aug 30 j 16:53	0°♍	
evening max el	-3833 Sep 03 j 03:35	3°♍42'41	23°40'20
retrograde	-3833 Sep 13 j 18:50	9°♍59'39	
evening set	-3833 Sep 18 j 21:51	7°♍50'20	
inferior conj	-3833 Sep 24 j 05:25	1°♍31'16	-0°26'46
minimum elong	-3833 Sep 24 j 06:03	1°♍29'08	0°26'26
min. Earth dist.	-3833 Sep 23 j 19:17	2°♍05'55	0.67388 AU
	-3833 Sep 25 j 08:23	30°℞♌	
asc. node	-3833 Sep 25 j 12:44	29°♌45'36	
morning rise	-3833 Sep 29 j 14:12	25°♌21'27	
direct	-3833 Oct 03 j 15:20	23°♌49'15	
morning max el	-3833 Oct 12 j 02:32	28°♌48'23	21°05'41
	-3833 Oct 13 j 05:40	0°♍	
	-3833 Nov 03 j 21:05	0°♎	
desc. node	-3833 Nov 06 j 21:30	4°♎36'37	
morning set	-3833 Nov 11 j 03:31	11°♎12'14	
max. Earth dist.	-3833 Nov 19 j 10:13	24°♎25'27	1.42587 AU
	-3833 Nov 22 j 19:28	0°♏	
superior conj	-3833 Nov 26 j 10:04	6°♏04'01	-1°43'36
minimum elong	-3833 Nov 26 j 05:17	5°♏43'44	1°43'22
evening rise	-3833 Dec 07 j 23:28	26°♏21'03	
	-3833 Dec 10 j 00:16	0°♐	
asc. node	-3833 Dec 22 j 11:42	20°♐16'58	
evening max el	-3833 Dec 24 j 19:05	22°♐53'36	18°07'55
retrograde	-3833 Dec 31 j 11:35	26°♐21'33	
evening set	-3832 Jan 03 j 04:13	25°♐47'48	
inferior conj	-3832 Jan 09 j 18:38	20°♐44'55	4°01'15
minimum elong	-3832 Jan 09 j 17:38	20°♐47'21	4°01'03
min. Earth dist.	-3832 Jan 12 j 18:10	17°♐50'48	0.61642 AU
morning rise	-3832 Jan 16 j 05:52	14°♐57'18	
direct	-3832 Jan 23 j 05:56	12°♐29'44	
desc. node	-3832 Feb 02 j 21:00	17°♐10'14	
morning max el	-3832 Feb 06 j 06:53	20°♐13'34	27°39'21
	-3832 Feb 14 j 17:38	0°♑	
	-3832 Mar 04 j 10:07	0°♒	
morning set	-3832 Mar 10 j 01:37	11°♒06'27	
max. Earth dist.	-3832 Mar 16 j 01:49	23°♒48'04	1.32727 AU
superior conj	-3832 Mar 17 j 08:56	26°♒36'54	-0°21'42
minimum elong	-3832 Mar 17 j 09:55	26°♒42'13	0°21'34
	-3832 Mar 18 j 22:14	0°♓	
asc. node	-3832 Mar 19 j 11:05	1°♓10'01	
evening rise	-3832 Mar 24 j 08:38	11°♓42'20	
	-3832 Apr 02 j 18:05	0°♈	
evening max el	-3832 Apr 19 j 01:52	22°♈24'33	24°43'00
desc. node	-3832 Apr 30 j 19:47	29°♈17'39	
retrograde	-3832 May 03 j 01:38	29°♈29'21	
evening set	-3832 May 07 j 20:35	28°♈37'06	

min. Earth dist.	-3832 May 13 j 13:59	25°♈39'47	0.57120 AU
inferior conj	-3832 May 16 j 10:55	23°♈46'58	-3°40'16
minimum elong	-3832 May 16 j 05:45	23°♈55'29	3°39'14
morning rise	-3832 May 24 j 18:03	19°♈38'24	
direct	-3832 May 27 j 05:32	19°♈21'02	
morning max el	-3832 Jun 05 j 08:49	23°♈36'13	19°18'41
	-3832 Jun 10 j 18:07	0°♉	
asc. node	-3832 Jun 15 j 10:40	7°♉30'26	
morning set	-3832 Jun 22 j 10:56	20°♉48'33	
	-3832 Jun 27 j 01:26	0°♊	
superior conj	-3832 Jun 30 j 17:04	7°♊11'57	1°46'56
minimum elong	-3832 Jun 30 j 15:49	7°♊05'50	1°47'03
max. Earth dist.	-3832 Jul 06 j 22:13	18°♊58'14	1.37972 AU
evening rise	-3832 Jul 10 j 18:49	25°♊54'46	
	-3832 Jul 13 j 03:11	0°♋	
desc. node	-3832 Jul 27 j 18:46	23°♋18'17	
	-3832 Aug 01 j 11:19	0°♌	
evening max el	-3832 Aug 15 j 14:30	17°♌12'12	24°58'59
retrograde	-3832 Aug 27 j 07:11	24°♌00'51	
evening set	-3832 Sep 02 j 01:09	21°♌33'22	
min. Earth dist.	-3832 Sep 06 j 13:36	16°♌24'14	0.67052 AU
inferior conj	-3832 Sep 07 j 10:24	15°♌15'28	-1°20'03
minimum elong	-3832 Sep 07 j 12:16	15°♌09'17	1°19'11
asc. node	-3832 Sep 11 j 09:50	10°♌30'49	
morning rise	-3832 Sep 12 j 23:26	9°♌12'47	
direct	-3832 Sep 16 j 13:02	7°♌59'06	
morning max el	-3832 Sep 24 j 02:51	12°♌22'11	19°56'13
	-3832 Oct 07 j 08:23	0°♍	
morning set	-3832 Oct 20 j 01:40	19°♍25'12	
desc. node	-3832 Oct 23 j 18:27	25°♍10'23	
	-3832 Oct 26 j 20:25	0°♎	
max. Earth dist.	-3832 Oct 31 j 21:12	7°♎57'55	1.43983 AU
superior conj	-3832 Nov 05 j 16:17	15°♎40'27	-1°16'11
minimum elong	-3832 Nov 05 j 09:14	15°♎11'52	1°15'29
	-3832 Nov 14 j 08:28	0°♏	
evening rise	-3832 Nov 19 j 02:55	8°♏05'02	
	-3832 Dec 02 j 10:01	0°♐	
evening max el	-3832 Dec 07 j 07:44	6°♐10'35	18°16'17
asc. node	-3832 Dec 08 j 08:47	7°♐10'07	
retrograde	-3832 Dec 13 j 20:46	9°♐42'48	
evening set	-3832 Dec 16 j 17:10	9°♐00'13	
inferior conj	-3832 Dec 22 j 21:30	3°♐37'25	3°44'33
minimum elong	-3832 Dec 22 j 18:56	3°♐44'27	3°44'02
min. Earth dist.	-3832 Dec 25 j 07:11	0°♐59'37	0.63454 AU
	-3832 Dec 26 j 06:07	30°℞♏	
morning rise	-3832 Dec 28 j 20:04	27°♏39'11	
direct	-3831 Jan 04 j 21:00	24°♏52'07	
	-3831 Jan 15 j 17:56	0°♐	
morning max el	-3831 Jan 18 j 14:01	2°♐36'34	27°37'18
desc. node	-3831 Jan 19 j 18:03	3°♐47'39	
	-3831 Feb 08 j 00:52	0°♑	
morning set	-3831 Feb 22 j 00:49	25°♑22'24	
	-3831 Feb 24 j 07:41	0°♒	
max. Earth dist.	-3831 Feb 27 j 07:39	6°♒14'43	1.33278 AU
superior conj	-3831 Mar 01 j 17:08	11°♒20'34	-0°46'35
minimum elong	-3831 Mar 01 j 19:11	11°♒31'32	0°46'18
asc. node	-3831 Mar 06 j 08:05	21°♒17'13	
evening rise	-3831 Mar 08 j 20:12	26°♒36'31	
	-3831 Mar 10 j 11:18	0°♓	
	-3831 Mar 28 j 18:30	0°♈	
evening max el	-3831 Mar 31 j 17:57	3°♈07'24	23°09'40
retrograde	-3831 Apr 14 j 03:46	9°♈44'21	
evening set	-3831 Apr 17 j 15:07	9°♈17'58	
desc. node	-3831 Apr 17 j 16:54	9°♈16'52	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3831 Apr 25 j 04:36	5°♈54'40	0.55741 AU
inferior conj	-3831 Apr 26 j 20:41	4°♈55'57	-2°24'45
minimum elong	-3831 Apr 26 j 15:02	5°♈04'15	2°23'04
morning rise	-3831 May 05 j 17:22	0°♈58'10	
direct	-3831 May 08 j 05:59	0°♈42'42	
morning max el	-3831 May 18 j 23:48	5°♈42'53	20°26'29
asc. node	-3831 Jun 02 j 07:41	26°♈46'33	
	-3831 Jun 03 j 23:31	0°♉	
morning set	-3831 Jun 06 j 15:50	5°♉22'51	
superior conj	-3831 Jun 14 j 08:42	21°♉10'53	1°37'32
minimum elong	-3831 Jun 14 j 06:20	20°♉58'55	1°37'27
	-3831 Jun 18 j 19:05	0°♊	
max. Earth dist.	-3831 Jun 19 j 04:15	0°♊44'29	1.36210 AU
evening rise	-3831 Jun 23 j 07:00	8°♊32'21	
	-3831 Jul 05 j 19:26	0°♋	
desc. node	-3831 Jul 14 j 15:47	13°♋13'20	
	-3831 Jul 28 j 07:39	0°♌	
evening max el	-3831 Jul 29 j 01:28	0°♌44'14	26°07'40
retrograde	-3831 Aug 10 j 14:48	7°♌53'45	
evening set	-3831 Aug 16 j 23:13	5°♌12'16	
min. Earth dist.	-3831 Aug 21 j 03:26	0°♌40'53	0.66387 AU
	-3831 Aug 21 j 16:33	30°℞♋	
inferior conj	-3831 Aug 22 j 12:00	28°♋58'56	-2°11'22
minimum elong	-3831 Aug 22 j 14:58	28°♋49'38	2°10'10
morning rise	-3831 Aug 28 j 06:53	23°♋06'43	
asc. node	-3831 Aug 29 j 06:55	22°♋35'49	
direct	-3831 Aug 31 j 11:19	22°♋08'25	
morning max el	-3831 Sep 07 j 09:57	26°♋03'41	19°01'08
	-3831 Sep 10 j 19:14	0°♌	
morning set	-3831 Sep 29 j 13:20	28°♌23'07	
	-3831 Sep 30 j 13:53	0°♍	
desc. node	-3831 Oct 10 j 15:24	15°♍51'06	
max. Earth dist.	-3831 Oct 14 j 13:41	22°♍02'30	1.44739 AU
superior conj	-3831 Oct 15 j 22:49	24°♍13'15	-0°33'18
minimum elong	-3831 Oct 15 j 18:34	23°♍56'28	0°32'44
	-3831 Oct 19 j 14:25	0°♎	
evening rise	-3831 Oct 31 j 07:42	18°♎49'29	
	-3831 Nov 07 j 04:37	0°♏	
evening max el	-3831 Nov 20 j 19:41	19°♏34'36	18°42'47
asc. node	-3831 Nov 25 j 05:51	22°♏52'00	
retrograde	-3831 Nov 27 j 13:01	23°♏21'01	
evening set	-3831 Nov 30 j 14:36	22°♏27'52	
inferior conj	-3831 Dec 06 j 11:10	16°♏47'29	3°13'59
minimum elong	-3831 Dec 06 j 08:01	16°♏56'55	3°13'07
min. Earth dist.	-3831 Dec 08 j 06:00	14°♏38'47	0.64942 AU
morning rise	-3831 Dec 12 j 01:05	10°♏41'24	
direct	-3831 Dec 18 j 18:39	7°♏50'15	
morning max el	-3831 Dec 31 j 23:25	15°♏27'29	27°02'01
desc. node	-3830 Jan 06 j 15:06	21°♏42'50	
	-3830 Jan 13 j 00:12	0°♐	
	-3830 Jan 31 j 18:03	0°♑	
morning set	-3830 Feb 05 j 14:23	9°♑04'37	
max. Earth dist.	-3830 Feb 10 j 04:11	18°♑08'42	1.34254 AU
superior conj	-3830 Feb 13 j 20:42	25°♑45'30	-1°10'03
minimum elong	-3830 Feb 13 j 23:34	26°♑00'30	1°09'44
	-3830 Feb 15 j 21:06	0°♒	
evening rise	-3830 Feb 21 j 06:22	11°♒21'10	
asc. node	-3830 Feb 21 j 05:05	11°♒14'30	
	-3830 Mar 03 j 00:58	0°♓	
evening max el	-3830 Mar 13 j 14:42	13°♓58'57	21°37'47
retrograde	-3830 Mar 25 j 19:10	19°♓51'17	
evening set	-3830 Mar 28 j 09:28	19°♓36'06	
desc. node	-3830 Apr 04 j 14:01	16°♓45'34	
inferior conj	-3830 Apr 06 j 17:32	15°♓34'10	-0°35'45
minimum elong	-3830 Apr 06 j 15:52	15°♓36'31	0°35'12
min. Earth dist.	-3830 Apr 06 j 18:24	15°♓32'58	0.55163 AU
morning rise	-3830 Apr 15 j 22:45	11°♓32'30	
direct	-3830 Apr 18 j 19:04	11°♓14'38	
morning max el	-3830 May 01 j 03:48	17°♓07'24	21°52'19
	-3830 May 11 j 05:47	0°♈	
asc. node	-3830 May 20 j 04:41	16°♈25'39	
morning set	-3830 May 22 j 01:03	20°♈12'59	
	-3830 May 26 j 16:48	0°♉	
superior conj	-3830 May 29 j 09:03	5°♉38'01	1°22'33
minimum elong	-3830 May 29 j 06:22	5°♉23'59	1°22'16
max. Earth dist.	-3830 Jun 01 j 19:27	12°♉43'37	1.34767 AU
evening rise	-3830 Jun 06 j 11:54	22°♉01'24	
	-3830 Jun 10 j 17:55	0°♊	
	-3830 Jun 29 j 13:27	0°♋	
desc. node	-3830 Jul 01 j 12:50	2°♋38'33	
evening max el	-3830 Jul 11 j 12:55	14°♋10'59	26°58'15
retrograde	-3830 Jul 24 j 17:08	21°♋31'17	
evening set	-3830 Jul 31 j 13:36	18°♋43'19	
min. Earth dist.	-3830 Aug 04 j 10:23	14°♋50'18	0.65360 AU
inferior conj	-3830 Aug 06 j 08:08	12°♋37'35	-2°58'40
minimum elong	-3830 Aug 06 j 11:49	12°♋26'51	2°57'24
morning rise	-3830 Aug 12 j 10:27	6°♋59'11	
direct	-3830 Aug 15 j 07:55	6°♋13'09	
asc. node	-3830 Aug 16 j 04:00	6°♋16'59	
morning max el	-3830 Aug 21 j 22:02	9°♋49'23	18°22'12
	-3830 Sep 04 j 20:57	0°♌	
morning set	-3830 Sep 10 j 03:15	8°♌38'11	
	-3830 Sep 23 j 08:34	0°♍	
superior conj	-3830 Sep 24 j 22:46	2°♍31'36	0°16'16
minimum elong	-3830 Sep 25 j 00:51	2°♍39'49	0°16'05
behind sun begin	-3830 Sep 24 j 23:01	2°♍32'36	
behind sun end	-3830 Sep 25 j 02:40	2°♍47'02	
max. Earth dist.	-3830 Sep 27 j 08:10	6°♍18'31	1.44767 AU
desc. node	-3830 Sep 27 j 12:19	6°♍34'56	
evening rise	-3830 Oct 11 j 11:33	28°♍30'07	
	-3830 Oct 12 j 10:30	0°♎	
greatest brilliancy	-3830 Oct 22 j 06:14	15°♎17'34	-0.7m
	-3830 Nov 01 j 13:04	0°♏	
evening max el	-3830 Nov 04 j 04:25	3°♏00'49	19°26'15
retrograde	-3830 Nov 11 j 09:08	7°♏10'28	
asc. node	-3830 Nov 12 j 02:56	7°♏07'18	
evening set	-3830 Nov 14 j 17:46	6°♏04'35	
inferior conj	-3830 Nov 20 j 08:30	0°♏09'37	2°34'00
minimum elong	-3830 Nov 20 j 05:31	0°♏19'11	2°32'59
	-3830 Nov 20 j 11:28	30°℞♎	
min. Earth dist.	-3830 Nov 21 j 13:35	28°♎35'56	0.66060 AU
morning rise	-3830 Nov 25 j 17:04	23°♎57'56	
direct	-3830 Dec 01 j 22:10	21°♎15'06	
morning max el	-3830 Dec 14 j 08:56	28°♎34'34	26°00'32
	-3830 Dec 15 j 18:05	0°♏	
desc. node	-3830 Dec 24 j 12:07	10°♏32'40	
	-3829 Jan 06 j 18:52	0°♐	
morning set	-3829 Jan 19 j 14:10	22°♐00'48	
max. Earth dist.	-3829 Jan 23 j 13:17	29°♐30'31	1.35670 AU
	-3829 Jan 23 j 19:22	0°♑	
superior conj	-3829 Jan 28 j 17:11	9°♑44'20	-1°30'38
minimum elong	-3829 Jan 28 j 20:21	10°♑00'25	1°30'26
evening rise	-3829 Feb 05 j 13:18	25°♑50'15	
	-3829 Feb 07 j 14:39	0°♒	
asc. node	-3829 Feb 08 j 02:06	0°♒57'08	
evening max el	-3829 Feb 23 j 20:49	25°♒20'12	20°18'05
	-3829 Mar 03 j 14:15	0°♓	
retrograde	-3829 Mar 06 j 10:04	0°♓21'07	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3829 Mar 08 j 17:14	0°♓07'51	
	-3829 Mar 09 j 07:59	30°℞♒	
inferior conj	-3829 Mar 17 j 14:47	26°♒08'58	1°19'12
minimum elong	-3829 Mar 17 j 18:08	26°♒04'00	1°18'01
min. Earth dist.	-3829 Mar 19 j 08:29	25°♒07'12	0.55516 AU
desc. node	-3829 Mar 22 j 11:10	23°♒24'42	
morning rise	-3829 Mar 26 j 17:21	21°♒45'33	
direct	-3829 Mar 30 j 08:58	21°♒16'27	
morning max el	-3829 Apr 12 j 22:54	27°♒57'30	23°29'46
	-3829 Apr 14 j 23:27	0°♓	
	-3829 May 03 j 23:52	0°♈	
morning set	-3829 May 06 j 12:40	5°♈12'58	
asc. node	-3829 May 07 j 01:42	6°♈21'24	
superior conj	-3829 May 13 j 15:19	20°♈24'41	1°03'31
minimum elong	-3829 May 13 j 12:54	20°♈11'44	1°03'09
max. Earth dist.	-3829 May 15 j 20:21	25°♈06'57	1.33693 AU
	-3829 May 18 j 04:23	0°♉	
evening rise	-3829 May 21 j 04:54	6°♉08'34	
	-3829 Jun 03 j 08:22	0°♊	
desc. node	-3829 Jun 18 j 09:53	21°♊21'27	
evening max el	-3829 Jun 23 j 23:39	27°♊21'41	27°23'27
	-3829 Jun 26 j 22:56	0°♋	
retrograde	-3829 Jul 07 j 14:01	4°♋45'42	
evening set	-3829 Jul 14 j 17:20	2°♋02'39	
	-3829 Jul 17 j 02:09	30°℞♊	
min. Earth dist.	-3829 Jul 18 j 08:32	28°♊44'36	0.63951 AU
inferior conj	-3829 Jul 20 j 20:20	26°♊07'05	-3°39'05
minimum elong	-3829 Jul 21 j 00:04	25°♊57'13	3°38'06
morning rise	-3829 Jul 27 j 07:36	20°♊45'41	
direct	-3829 Jul 30 j 00:19	20°♊09'05	
asc. node	-3829 Aug 03 j 01:06	21°♊30'37	
morning max el	-3829 Aug 05 j 12:45	23°♊35'00	18°00'30
	-3829 Aug 10 j 15:23	0°♋	
morning set	-3829 Aug 22 j 19:34	20°♋08'38	
	-3829 Aug 28 j 14:11	0°♌	
superior conj	-3829 Sep 04 j 14:38	11°♌39'45	0°59'45
minimum elong	-3829 Sep 04 j 20:17	12°♌02'47	0°59'13
max. Earth dist.	-3829 Sep 10 j 00:48	20°♌25'18	1.44078 AU
desc. node	-3829 Sep 14 j 09:15	27°♌19'06	
	-3829 Sep 16 j 02:17	0°♍	
evening rise	-3829 Sep 20 j 19:53	7°♍21'29	
	-3829 Oct 05 j 19:12	0°♎	
evening max el	-3829 Oct 18 j 08:00	16°♎26'46	20°24'44
retrograde	-3829 Oct 26 j 06:28	21°♎07'17	
evening set	-3829 Oct 30 j 00:17	19°♎46'16	
asc. node	-3829 Oct 30 j 00:03	19°♎46'41	
inferior conj	-3829 Nov 04 j 10:57	13°♎40'09	1°47'36
minimum elong	-3829 Nov 04 j 08:40	13°♎47'52	1°46'42
min. Earth dist.	-3829 Nov 05 j 03:55	12°♎42'57	0.66831 AU
morning rise	-3829 Nov 09 j 16:51	7°♎25'16	
direct	-3829 Nov 15 j 07:11	4°♎58'51	
morning max el	-3829 Nov 26 j 17:43	11°♎47'43	24°41'44
desc. node	-3829 Dec 11 j 09:06	0°♏00'44	
	-3829 Dec 11 j 08:53	0°♏	
	-3829 Dec 30 j 12:42	0°♐	
morning set	-3828 Jan 01 j 18:37	3°♐54'36	
max. Earth dist.	-3828 Jan 05 j 12:18	10°♐36'47	1.37486 AU
superior conj	-3828 Jan 12 j 03:18	23°♐07'00	-1°46'24
minimum elong	-3828 Jan 12 j 05:54	23°♐19'41	1°46'24
	-3828 Jan 15 j 15:17	0°♑	
evening rise	-3828 Jan 20 j 14:44	9°♑56'23	
asc. node	-3828 Jan 25 j 23:09	20°♑18'41	
	-3828 Jan 31 j 16:16	0°♒	
evening max el	-3828 Feb 06 j 13:32	7°♒17'17	19°16'07
retrograde	-3828 Feb 15 j 12:12	11°♒33'08	
evening set	-3828 Feb 17 j 20:38	11°♒16'45	
inferior conj	-3828 Feb 26 j 01:26	7°♒06'50	2°49'39
minimum elong	-3828 Feb 26 j 06:24	6°♒58'27	2°48'18
min. Earth dist.	-3828 Feb 28 j 23:35	5°♒09'27	0.56718 AU
morning rise	-3828 Mar 05 j 13:26	2°♒12'48	
desc. node	-3828 Mar 08 j 08:17	1°♒28'17	
direct	-3828 Mar 10 j 10:02	1°♒18'12	
morning max el	-3828 Mar 24 j 13:58	8°♒32'41	25°07'13
	-3828 Apr 09 j 11:40	0°♓	
morning set	-3828 Apr 20 j 00:54	20°♓15'23	
asc. node	-3828 Apr 22 j 22:43	26°♓27'29	
	-3828 Apr 24 j 13:57	0°♈	
superior conj	-3828 Apr 27 j 01:09	5°♈22'05	0°41'37
minimum elong	-3828 Apr 26 j 23:25	5°♈12'38	0°41'17
max. Earth dist.	-3828 Apr 28 j 04:44	7°♈51'42	1.32981 AU
evening rise	-3828 May 04 j 06:16	20°♈41'08	
	-3828 May 08 j 23:10	0°♉	
	-3828 May 27 j 12:33	0°♊	
desc. node	-3828 Jun 04 j 07:00	9°♊03'28	
evening max el	-3828 Jun 05 j 07:37	10°♊03'48	27°18'04
retrograde	-3828 Jun 19 j 04:45	17°♊27'06	
evening set	-3828 Jun 26 j 06:38	15°♊03'13	
min. Earth dist.	-3828 Jun 29 j 20:57	12°♊10'50	0.62182 AU
inferior conj	-3828 Jul 02 j 21:36	9°♊20'34	-4°08'25
minimum elong	-3828 Jul 03 j 00:16	9°♊14'15	4°07'57
morning rise	-3828 Jul 09 j 19:16	4°♊18'43	
direct	-3828 Jul 12 j 09:07	3°♊49'15	
morning max el	-3828 Jul 19 j 03:19	7°♊14'05	17°57'07
asc. node	-3828 Jul 19 j 22:11	8°♊02'29	
	-3828 Aug 02 j 21:37	0°♋	
morning set	-3828 Aug 04 j 09:20	2°♋40'49	
superior conj	-3828 Aug 15 j 09:37	22°♋08'50	1°29'39
minimum elong	-3828 Aug 15 j 14:30	22°♋29'42	1°29'23
	-3828 Aug 20 j 01:17	0°♌	
max. Earth dist.	-3828 Aug 22 j 12:58	4°♌06'02	1.42773 AU
evening rise	-3828 Aug 30 j 01:19	16°♌07'46	
desc. node	-3828 Aug 31 j 06:14	18°♌00'46	
	-3828 Sep 08 j 02:23	0°♍	
evening max el	-3828 Sep 30 j 05:30	29°♍52'22	21°35'22
	-3828 Sep 30 j 08:31	0°♎	
retrograde	-3828 Oct 09 j 02:58	5°♎09'14	
evening set	-3828 Oct 13 j 08:11	3°♎30'41	
asc. node	-3828 Oct 15 j 21:11	0°♎57'52	
	-3828 Oct 16 j 15:54	30°℞♍	
inferior conj	-3828 Oct 18 j 16:27	27°♍16'57	0°57'02
minimum elong	-3828 Oct 18 j 15:09	27°♍21'24	0°56'30
min. Earth dist.	-3828 Oct 18 j 22:33	26°♍55'54	0.67285 AU
morning rise	-3828 Oct 23 j 21:57	21°♍01'41	
direct	-3828 Oct 28 j 21:05	18°♍55'49	
morning max el	-3828 Nov 08 j 03:13	25°♍03'21	23°15'31
	-3828 Nov 12 j 13:52	0°♎	
desc. node	-3828 Nov 27 j 06:03	19°♎56'09	
	-3828 Dec 03 j 21:31	0°♏	
morning set	-3828 Dec 12 j 21:34	14°♏30'19	
max. Earth dist.	-3828 Dec 17 j 07:43	22°♏01'59	1.39540 AU
	-3828 Dec 21 j 19:50	0°♐	
superior conj	-3828 Dec 24 j 22:51	5°♐42'37	-1°54'37
minimum elong	-3828 Dec 24 j 23:35	5°♐46'01	1°54'45
evening rise	-3827 Jan 03 j 08:02	23°♐32'52	
	-3827 Jan 06 j 17:12	0°♑	
asc. node	-3827 Jan 11 j 20:13	9°♑12'00	
evening max el	-3827 Jan 19 j 15:25	19°♑46'59	18°33'55
retrograde	-3827 Jan 27 j 08:13	23°♑32'11	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3827 Jan 29 j 20:07	23°♑09'55	
inferior conj	-3827 Feb 06 j 07:59	18°♑40'58	3°42'47
minimum elong	-3827 Feb 06 j 11:09	18°♑34'46	3°42'12
min. Earth dist.	-3827 Feb 09 j 17:09	16°♑03'27	0.58501 AU
morning rise	-3827 Feb 13 j 23:49	13°♑20'36	
direct	-3827 Feb 20 j 00:32	11°♑48'35	
desc. node	-3827 Feb 23 j 05:24	12°♑14'06	
morning max el	-3827 Mar 06 j 06:52	19°♑20'23	26°29'42
	-3827 Mar 15 j 07:58	0°♒	
	-3827 Apr 01 j 22:55	0°♓	
morning set	-3827 Apr 04 j 12:03	5°♓14'13	
asc. node	-3827 Apr 09 j 19:43	16°♓39'23	
superior conj	-3827 Apr 11 j 12:42	20°♓23'36	0°17'47
minimum elong	-3827 Apr 11 j 11:55	20°♓19'20	0°17'35
max. Earth dist.	-3827 Apr 11 j 17:22	20°♓49'08	1.32617 AU
	-3827 Apr 15 j 22:49	0°♈	
evening rise	-3827 Apr 18 j 13:11	5°♈29'45	
	-3827 May 01 j 15:35	0°♉	
evening max el	-3827 May 18 j 10:33	22°♉07'13	26°39'52
desc. node	-3827 May 22 j 04:08	25°♉19'00	
retrograde	-3827 Jun 01 j 11:47	29°♉26'45	
evening set	-3827 Jun 08 j 01:15	27°♉35'23	
min. Earth dist.	-3827 Jun 12 j 00:00	24°♉53'48	0.60180 AU
inferior conj	-3827 Jun 15 j 08:23	22°♉09'13	-4°20'11
minimum elong	-3827 Jun 15 j 08:34	22°♉08'50	4°20'05
morning rise	-3827 Jun 22 j 17:56	17°♉28'40	
direct	-3827 Jun 25 j 06:28	17°♉04'39	
morning max el	-3827 Jul 02 j 14:49	20°♉38'40	18°12'55
asc. node	-3827 Jul 06 j 19:15	25°♉36'37	
	-3827 Jul 09 j 16:56	0°♊	
morning set	-3827 Jul 18 j 15:02	16°♊00'14	
	-3827 Jul 26 j 02:53	0°♋	
superior conj	-3827 Jul 28 j 06:42	3°♋55'45	1°45'17
minimum elong	-3827 Jul 28 j 08:57	4°♋05'55	1°45'21
max. Earth dist.	-3827 Aug 04 j 19:37	17°♋08'02	1.41031 AU
evening rise	-3827 Aug 09 j 23:02	25°♋41'06	
	-3827 Aug 12 j 15:16	0°♌	
desc. node	-3827 Aug 18 j 03:14	8°♌36'03	
	-3827 Sep 01 j 21:41	0°♍	
evening max el	-3827 Sep 12 j 21:21	13°♍18'18	22°53'56
retrograde	-3827 Sep 22 j 21:01	19°♍13'27	
evening set	-3827 Sep 27 j 15:41	17°♍15'35	
inferior conj	-3827 Oct 02 j 23:04	10°♍57'43	0°04'06
minimum elong	-3827 Oct 02 j 22:59	10°♍58'03	0°04'07
transit middle	-3827 Oct 02 j 22:59	10°♍58'03	0°04'07
transit begin	-3827 Oct 02 j 20:22	11°♍07'04	
transit end	-3827 Oct 03 j 01:35	10°♍49'03	
asc. node	-3827 Oct 02 j 18:18	11°♍14'10	
min. Earth dist.	-3827 Oct 02 j 18:55	11°♍12'03	0.67440 AU
morning rise	-3827 Oct 08 j 06:09	4°♍45'03	
direct	-3827 Oct 12 j 14:56	3°♍00'45	
morning max el	-3827 Oct 21 j 16:37	8°♍23'26	21°50'50
	-3827 Nov 07 j 06:51	0°♎	
desc. node	-3827 Nov 14 j 03:00	10°♎10'38	
morning set	-3827 Nov 22 j 19:38	23°♎42'07	
	-3827 Nov 26 j 17:16	0°♏	
max. Earth dist.	-3827 Nov 29 j 07:29	4°♏16'20	1.41563 AU
superior conj	-3827 Dec 06 j 22:25	17°♏17'01	-1°51'47
minimum elong	-3827 Dec 06 j 19:51	17°♏05'45	1°51'47
	-3827 Dec 14 j 00:35	0°♐	
evening rise	-3827 Dec 17 j 13:51	6°♐31'55	
asc. node	-3827 Dec 29 j 17:16	27°♐27'38	
	-3827 Dec 31 j 14:32	0°♑	
evening max el	-3826 Jan 02 j 23:42	2°♑40'39	18°11'46
retrograde	-3826 Jan 09 j 21:57	6°♑10'51	
evening set	-3826 Jan 12 j 12:58	5°♑41'25	
inferior conj	-3826 Jan 19 j 10:20	0°♑50'37	4°02'05
minimum elong	-3826 Jan 19 j 10:42	0°♑49'46	4°01'55
	-3826 Jan 20 j 08:32	30°℞♐	
min. Earth dist.	-3826 Jan 22 j 15:55	27°♐56'04	0.60509 AU
morning rise	-3826 Jan 26 j 06:56	25°♐11'29	
direct	-3826 Feb 02 j 01:57	23°♐01'43	
desc. node	-3826 Feb 10 j 02:28	25°♐42'49	
	-3826 Feb 15 j 12:04	0°♑	
morning max el	-3826 Feb 16 j 05:27	0°♑41'41	27°24'06
	-3826 Mar 09 j 08:30	0°♒	
morning set	-3826 Mar 19 j 20:20	20°♒02'51	
	-3826 Mar 24 j 12:55	0°♓	
max. Earth dist.	-3826 Mar 26 j 06:36	3°♓46'37	1.32587 AU
superior conj	-3826 Mar 27 j 00:17	5°♓23'09	-0°07'10
minimum elong	-3826 Mar 27 j 00:36	5°♓24'55	0°07'10
behind sun begin	-3826 Mar 26 j 20:06	5°♓00'16	
behind sun end	-3826 Mar 27 j 05:07	5°♓49'35	
asc. node	-3826 Mar 27 j 16:43	6°♓53'00	
evening rise	-3826 Apr 02 j 23:23	20°♓26'24	
	-3826 Apr 07 j 16:18	0°♈	
	-3826 Apr 26 j 23:09	0°♉	
evening max el	-3826 Apr 30 j 07:15	3°♉29'07	25°31'59
desc. node	-3826 May 09 j 01:16	9°♉34'45	
retrograde	-3826 May 14 j 09:03	10°♉41'12	
evening set	-3826 May 19 j 22:18	9°♉28'24	
min. Earth dist.	-3826 May 24 j 19:35	6°♉41'13	0.58168 AU
inferior conj	-3826 May 28 j 01:11	4°♉23'53	-4°05'11
minimum elong	-3826 May 27 j 21:49	4°♉29'55	4°04'43
morning rise	-3826 Jun 05 j 00:06	0°♉04'37	
	-3826 Jun 05 j 07:45	30°℞♈	
direct	-3826 Jun 07 j 12:06	29°♈44'57	
	-3826 Jun 09 j 15:12	0°♉	
morning max el	-3826 Jun 15 j 20:25	3°♉40'39	18°48'46
asc. node	-3826 Jun 23 j 16:17	13°♉59'22	
morning set	-3826 Jul 02 j 08:19	29°♉55'58	
	-3826 Jul 02 j 09:09	0°♊	
superior conj	-3826 Jul 11 j 00:33	16°♊46'27	1°49'03
minimum elong	-3826 Jul 11 j 00:20	16°♊45'28	1°49'12
max. Earth dist.	-3826 Jul 17 j 22:17	29°♊29'02	1.39086 AU
	-3826 Jul 18 j 05:15	0°♋	
evening rise	-3826 Jul 21 j 22:26	6°♋28'46	
desc. node	-3826 Aug 05 j 00:16	29°♋00'50	
	-3826 Aug 05 j 16:08	0°♌	
evening max el	-3826 Aug 26 j 09:25	26°♌46'43	24°14'28
	-3826 Aug 29 j 23:42	0°♍	
retrograde	-3826 Sep 06 j 11:36	3°♍17'27	
evening set	-3826 Sep 11 j 21:03	1°♍00'04	
	-3826 Sep 12 j 22:28	30°℞♌	
min. Earth dist.	-3826 Sep 16 j 14:35	25°♌30'31	0.67293 AU
inferior conj	-3826 Sep 17 j 05:09	24°♌41'20	-0°49'31
minimum elong	-3826 Sep 17 j 06:19	24°♌37'25	0°48'56
asc. node	-3826 Sep 19 j 15:23	21°♌32'28	
morning rise	-3826 Sep 22 j 15:34	18°♌34'20	
direct	-3826 Sep 26 j 11:36	17°♌10'16	
morning max el	-3826 Oct 04 j 12:46	21°♌52'29	20°34'31
	-3826 Oct 11 j 06:23	0°♍	
desc. node	-3826 Oct 31 j 23:57	0°♎38'55	
	-3826 Oct 31 j 13:54	0°♎	
morning set	-3826 Nov 01 j 20:42	1°♎59'19	
max. Earth dist.	-3826 Nov 11 j 15:08	17°♎25'59	1.43258 AU
superior conj	-3826 Nov 17 j 20:32	27°♎37'46	-1°34'04
minimum elong	-3826 Nov 17 j 14:23	27°♎12'09	1°33'37

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3826 Nov 19 j 06:36	0°♏	
evening rise	-3826 Nov 30 j 04:15	18°♏46'09	
	-3826 Dec 06 j 14:31	0°♐	
asc. node	-3826 Dec 16 j 14:20	14°♐54'39	
evening max el	-3826 Dec 17 j 11:30	15°♐50'44	18°09'09
retrograde	-3826 Dec 24 j 01:25	19°♐19'13	
evening set	-3826 Dec 26 j 19:36	18°♐41'45	
inferior conj	-3825 Jan 02 j 05:22	13°♐29'49	3°56'13
minimum elong	-3825 Jan 02 j 03:34	13°♐34'26	3°55'54
min. Earth dist.	-3825 Jan 04 j 23:11	10°♐40'54	0.62445 AU
morning rise	-3825 Jan 08 j 10:40	7°♐37'17	
direct	-3825 Jan 15 j 12:12	4°♐59'55	
desc. node	-3825 Jan 27 j 23:31	11°♐21'46	
morning max el	-3825 Jan 29 j 10:13	12°♐44'06	27°43'01
	-3825 Feb 12 j 06:14	0°♑	
	-3825 Mar 01 j 16:49	0°♒	
morning set	-3825 Mar 03 j 23:33	4°♒33'14	
max. Earth dist.	-3825 Mar 09 j 16:27	16°♒29'10	1.32912 AU
superior conj	-3825 Mar 11 j 10:11	20°♒14'08	-0°32'21
minimum elong	-3825 Mar 11 j 11:38	20°♒21'59	0°32'09
asc. node	-3825 Mar 14 j 13:42	27°♒03'40	
	-3825 Mar 15 j 22:20	0°♓	
evening rise	-3825 Mar 18 j 10:57	5°♓23'16	
	-3825 Mar 31 j 16:26	0°♈	
evening max el	-3825 Apr 11 j 23:20	14°♈18'41	24°03'58
retrograde	-3825 Apr 25 j 18:33	21°♈13'56	
desc. node	-3825 Apr 25 j 22:22	21°♈13'52	
evening set	-3825 Apr 29 j 23:51	20°♈34'18	
min. Earth dist.	-3825 May 06 j 10:52	17°♈27'34	0.56453 AU
inferior conj	-3825 May 08 j 21:47	15°♈56'19	-3°13'15
minimum elong	-3825 May 08 j 15:53	16°♈05'31	3°11'49
morning rise	-3825 May 17 j 10:58	11°♈54'07	
direct	-3825 May 19 j 22:42	11°♈37'50	
morning max el	-3825 May 29 j 17:23	16°♈09'59	19°45'08
	-3825 Jun 08 j 21:14	0°♉	
asc. node	-3825 Jun 10 j 13:18	2°♉58'37	
morning set	-3825 Jun 16 j 09:44	14°♉18'16	
superior conj	-3825 Jun 24 j 09:34	0°♊24'32	1°43'46
minimum elong	-3825 Jun 24 j 07:44	0°♊15'28	1°43'47
	-3825 Jun 24 j 04:37	0°♊	
max. Earth dist.	-3825 Jun 30 j 01:12	11°♊20'05	1.37192 AU
evening rise	-3825 Jul 03 j 22:32	18°♊29'26	
	-3825 Jul 10 j 13:51	0°♋	
desc. node	-3825 Jul 22 j 21:18	19°♋08'49	
	-3825 Jul 30 j 20:24	0°♌	
evening max el	-3825 Aug 08 j 20:02	10°♌17'17	25°29'46
retrograde	-3825 Aug 20 j 21:59	17°♌16'07	
evening set	-3825 Aug 26 j 22:24	14°♌41'39	
min. Earth dist.	-3825 Aug 31 j 07:11	9°♌48'38	0.66819 AU
inferior conj	-3825 Sep 01 j 08:55	8°♌25'20	-1°42'12
minimum elong	-3825 Sep 01 j 11:17	8°♌17'40	1°41'09
asc. node	-3825 Sep 06 j 12:28	2°♌47'38	
morning rise	-3825 Sep 07 j 00:17	2°♌27'00	
direct	-3825 Sep 10 j 09:40	1°♌20'23	
morning max el	-3825 Sep 17 j 16:14	5°♌30'24	19°30'54
	-3825 Oct 05 j 04:56	0°♍	
morning set	-3825 Oct 11 j 22:06	10°♍25'01	
desc. node	-3825 Oct 18 j 20:56	21°♍16'22	
	-3825 Oct 24 j 10:00	0°♎	
max. Earth dist.	-3825 Oct 25 j 05:03	1°♎15'24	1.44389 AU
superior conj	-3825 Oct 28 j 15:26	6°♎43'13	-0°59'31
minimum elong	-3825 Oct 28 j 08:51	6°♎16'53	0°58'46
evening rise	-3825 Nov 11 j 22:37	0°♏06'24	
	-3825 Nov 11 j 21:05	0°♏	

evening max el	-3825 Dec 01 j 00:07	29°♏11'11	18°25'22
	-3825 Dec 01 j 20:10	0°♐	
asc. node	-3825 Dec 03 j 11:23	1°♐19'37	
retrograde	-3825 Dec 07 j 14:14	2°♐48'44	
evening set	-3825 Dec 10 j 12:32	2°♐01'58	
	-3825 Dec 13 j 06:42	30°℞♏	
inferior conj	-3825 Dec 16 j 13:17	26°♏31'10	3°32'59
minimum elong	-3825 Dec 16 j 10:22	26°♏39'30	3°32'18
min. Earth dist.	-3825 Dec 18 j 16:34	24°♏04'35	0.64123 AU
morning rise	-3825 Dec 22 j 07:41	20°♏29'00	
direct	-3825 Dec 29 j 06:07	17°♏38'34	
morning max el	-3824 Jan 11 j 18:55	25°♏21'43	27°26'08
desc. node	-3824 Jan 14 j 20:33	28°♏35'57	
	-3824 Jan 16 j 02:04	0°♐	
	-3824 Feb 05 j 16:44	0°♑	
morning set	-3824 Feb 15 j 19:07	18°♑36'42	
max. Earth dist.	-3824 Feb 20 j 18:52	28°♑43'32	1.33634 AU
	-3824 Feb 21 j 09:31	0°♒	
superior conj	-3824 Feb 23 j 16:40	4°♒50'45	-0°56'47
minimum elong	-3824 Feb 23 j 19:07	5°♒03'42	0°56'29
asc. node	-3824 Feb 29 j 10:42	17°♒07'18	
evening rise	-3824 Mar 01 j 22:09	20°♒14'17	
	-3824 Mar 06 j 17:50	0°♓	
evening max el	-3824 Mar 23 j 16:28	25°♓01'27	22°29'41
	-3824 Mar 30 j 16:26	0°♈	
retrograde	-3824 Apr 05 j 15:56	1°♈22'01	
evening set	-3824 Apr 08 j 16:25	1°♈01'57	
desc. node	-3824 Apr 11 j 19:27	0°♈02'38	
	-3824 Apr 11 j 22:02	30°℞♓	
min. Earth dist.	-3824 Apr 17 j 01:03	27°♓23'32	0.55380 AU
inferior conj	-3824 Apr 18 j 00:46	26°♓49'42	-1°41'23
minimum elong	-3824 Apr 17 j 20:21	26°♓56'01	1°39'58
morning rise	-3824 Apr 27 j 02:07	22°♓52'38	
direct	-3824 Apr 29 j 16:31	22°♓37'04	
morning max el	-3824 May 11 j 03:49	27°♓59'18	21°01'06
	-3824 May 13 j 03:40	0°♈	
asc. node	-3824 May 27 j 10:20	22°♈25'21	
morning set	-3824 May 30 j 16:43	29°♈00'00	
	-3824 May 31 j 04:22	0°♉	
superior conj	-3824 Jun 07 j 05:21	14°♉37'00	1°31'46
minimum elong	-3824 Jun 07 j 02:46	14°♉23'44	1°31'36
max. Earth dist.	-3824 Jun 11 j 10:24	23°♉07'37	1.35550 AU
	-3824 Jun 14 j 23:18	0°♊	
evening rise	-3824 Jun 15 j 18:28	1°♊30'45	
	-3824 Jul 02 j 14:16	0°♋	
desc. node	-3824 Jul 08 j 18:20	8°♋52'34	
evening max el	-3824 Jul 21 j 07:01	23°♋47'27	26°31'45
	-3824 Jul 29 j 16:28	0°♌	
retrograde	-3824 Aug 03 j 03:36	1°♌03'31	
	-3824 Aug 07 j 06:23	30°℞♋	
evening set	-3824 Aug 09 j 17:33	28°♋17'55	
min. Earth dist.	-3824 Aug 13 j 18:22	24°♋03'00	0.65996 AU
inferior conj	-3824 Aug 15 j 08:28	22°♋07'11	-2°32'07
minimum elong	-3824 Aug 15 j 11:48	21°♋57'01	2°30'50
morning rise	-3824 Aug 21 j 06:21	16°♋20'33	
asc. node	-3824 Aug 23 j 09:35	15°♋32'43	
direct	-3824 Aug 24 j 07:25	15°♋28'02	
morning max el	-3824 Aug 31 j 01:47	19°♋14'27	18°42'27
	-3824 Sep 08 j 06:12	0°♌	
morning set	-3824 Sep 20 j 20:12	19°♌53'49	
	-3824 Sep 27 j 04:06	0°♍	
desc. node	-3824 Oct 04 j 17:52	11°♍58'52	
superior conj	-3824 Oct 06 j 16:23	15°♍02'06	-0°12'18
minimum elong	-3824 Oct 06 j 14:46	14°♍55'43	0°12'02

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

behind sun begin	-3824 Oct 06 j 06:58	14°♍24'59	
behind sun end	-3824 Oct 06 j 22:34	15°♍26'27	
max. Earth dist.	-3824 Oct 06 j 22:13	15°♍25'06	1.44836 AU
	-3824 Oct 16 j 04:00	0°♎	
evening rise	-3824 Oct 22 j 16:44	10°♎23'12	
	-3824 Nov 04 j 01:52	0°♏	
evening max el	-3824 Nov 13 j 10:56	12°♏36'28	18°59'22
asc. node	-3824 Nov 19 j 08:29	16°♏26'25	
retrograde	-3824 Nov 20 j 08:29	16°♏32'02	
evening set	-3824 Nov 23 j 12:42	15°♏33'57	
inferior conj	-3824 Nov 29 j 06:34	9°♏47'08	2°57'58
minimum elong	-3824 Nov 29 j 03:26	9°♏56'54	2°57'00
min. Earth dist.	-3824 Nov 30 j 19:28	7°♏52'36	0.65458 AU
morning rise	-3824 Dec 04 j 17:49	3°♏38'12	
direct	-3824 Dec 11 j 06:32	0°♏49'00	
morning max el	-3824 Dec 24 j 04:35	8°♏21'03	26°38'31
desc. node	-3824 Dec 31 j 17:34	16°♏56'49	
	-3823 Jan 10 j 04:36	0°♐	
	-3823 Jan 28 j 01:42	0°♑	
morning set	-3823 Jan 29 j 03:24	2°♑01'08	
max. Earth dist.	-3823 Feb 02 j 10:21	10°♑21'39	1.34797 AU
superior conj	-3823 Feb 06 j 17:33	19°♑05'29	-1°19'15
minimum elong	-3823 Feb 06 j 20:37	19°♑21'24	1°18'58
	-3823 Feb 11 j 22:57	0°♒	
evening rise	-3823 Feb 14 j 07:10	4°♒52'39	
asc. node	-3823 Feb 15 j 07:42	6°♒58'49	
	-3823 Feb 28 j 10:45	0°♓	
evening max el	-3823 Mar 05 j 16:52	6°♓03'56	21°02'01
retrograde	-3823 Mar 17 j 05:31	11°♓34'14	
evening set	-3823 Mar 19 j 15:01	11°♓20'51	
inferior conj	-3823 Mar 28 j 19:57	7°♓22'39	0°14'19
minimum elong	-3823 Mar 28 j 20:36	7°♓21'43	0°14'01
transit middle	-3823 Mar 28 j 20:36	7°♓21'43	0°14'01
transit begin	-3823 Mar 28 j 18:42	7°♓24'25	
transit end	-3823 Mar 28 j 22:30	7°♓19'00	
min. Earth dist.	-3823 Mar 29 j 15:14	6°♓55'12	0.55196 AU
desc. node	-3823 Mar 29 j 16:34	6°♓53'19	
morning rise	-3823 Apr 07 j 01:33	3°♓13'09	
direct	-3823 Apr 10 j 04:28	2°♓51'52	
morning max el	-3823 Apr 23 j 03:36	9°♓07'23	22°32'56
	-3823 May 08 j 01:32	0°♈	
asc. node	-3823 May 14 j 07:21	12°♈12'02	
morning set	-3823 May 15 j 03:09	13°♈54'44	
superior conj	-3823 May 22 j 08:31	29°♈13'24	1°14'54
minimum elong	-3823 May 22 j 05:53	28°♈59'28	1°14'35
	-3823 May 22 j 17:21	0°♉	
max. Earth dist.	-3823 May 25 j 05:38	5°♉15'25	1.34262 AU
evening rise	-3823 May 30 j 05:03	15°♉17'49	
	-3823 Jun 07 j 03:09	0°♊	
desc. node	-3823 Jun 25 j 15:23	28°♊01'55	
	-3823 Jun 27 j 05:31	0°♋	
evening max el	-3823 Jul 03 j 18:31	7°♋09'45	27°12'32
retrograde	-3823 Jul 17 j 03:55	14°♋32'39	
evening set	-3823 Jul 24 j 03:53	11°♋45'26	
min. Earth dist.	-3823 Jul 27 j 22:00	8°♋07'43	0.64801 AU
inferior conj	-3823 Jul 30 j 01:37	5°♋43'29	-3°16'53
minimum elong	-3823 Jul 30 j 05:26	5°♋32'46	3°15'42
morning rise	-3823 Aug 05 j 07:32	0°♋11'42	
	-3823 Aug 05 j 17:50	30°℞♊	
direct	-3823 Aug 08 j 02:40	29°♊30'02	
asc. node	-3823 Aug 10 j 06:42	29°♊54'57	
	-3823 Aug 10 j 11:48	0°♋	
morning max el	-3823 Aug 14 j 15:19	3°♋01'11	18°10'44
	-3823 Sep 01 j 11:36	0°♌	
morning set	-3823 Sep 01 j 21:57	0°♌43'17	
superior conj	-3823 Sep 15 j 20:56	23°♌36'09	0°36'05
minimum elong	-3823 Sep 16 j 01:06	23°♌52'52	0°35'38
max. Earth dist.	-3823 Sep 19 j 16:08	29°♌39'15	1.44560 AU
	-3823 Sep 19 j 21:22	0°♍	
desc. node	-3823 Sep 21 j 14:50	2°♍43'45	
evening rise	-3823 Oct 02 j 11:01	19°♍39'57	
	-3823 Oct 09 j 03:29	0°♎	
greatest brilliancy	-3823 Oct 15 j 06:08	9°♎18'20	-0.7m
evening max el	-3823 Oct 27 j 17:48	26°♎03'40	19°49'28
	-3823 Nov 02 j 01:29	0°♏	
retrograde	-3823 Nov 04 j 05:19	0°♏25'16	
asc. node	-3823 Nov 06 j 05:36	0°♏01'47	
	-3823 Nov 06 j 07:23	30°℞♎	
evening set	-3823 Nov 07 j 17:34	29°♎13'21	
inferior conj	-3823 Nov 13 j 06:24	23°♎13'29	2°14'57
minimum elong	-3823 Nov 13 j 03:40	23°♎22'29	2°13'57
min. Earth dist.	-3823 Nov 14 j 06:13	21°♎55'07	0.66437 AU
morning rise	-3823 Nov 18 j 13:33	17°♎00'15	
direct	-3823 Nov 24 j 12:41	14°♎23'23	
morning max el	-3823 Dec 06 j 13:33	21°♎31'04	25°28'23
	-3823 Dec 13 j 23:35	0°♏	
desc. node	-3823 Dec 18 j 14:36	6°♏04'48	
	-3822 Jan 03 j 10:08	0°♐	
morning set	-3822 Jan 11 j 19:39	14°♐32'32	
max. Earth dist.	-3822 Jan 15 j 14:19	21°♐31'52	1.36405 AU
	-3822 Jan 19 j 23:40	0°♑	
superior conj	-3822 Jan 21 j 10:04	2°♑50'18	-1°38'05
minimum elong	-3822 Jan 21 j 13:08	3°♑05'35	1°37'56
evening rise	-3822 Jan 29 j 12:01	19°♑12'33	
asc. node	-3822 Feb 02 j 04:43	26°♑33'09	
	-3822 Feb 04 j 00:13	0°♒	
evening max el	-3822 Feb 16 j 03:38	17°♒40'33	19°49'21
retrograde	-3822 Feb 25 j 23:23	22°♒20'12	
evening set	-3822 Feb 28 j 06:45	22°♒05'57	
inferior conj	-3822 Mar 08 j 21:31	18°♒04'00	2°01'51
minimum elong	-3822 Mar 09 j 02:05	17°♒56'53	2°00'23
min. Earth dist.	-3822 Mar 11 j 05:31	16°♒37'19	0.55942 AU
desc. node	-3822 Mar 16 j 13:42	13°♒53'04	
morning rise	-3822 Mar 17 j 19:06	13°♒27'58	
direct	-3822 Mar 21 j 22:47	12°♒49'37	
morning max el	-3822 Apr 04 j 19:59	19°♒46'46	24°12'07
	-3822 Apr 13 j 10:18	0°♓	
morning set	-3822 Apr 29 j 15:13	28°♓56'08	
	-3822 Apr 30 j 03:21	0°♈	
asc. node	-3822 May 01 j 04:20	2°♈12'30	
superior conj	-3822 May 06 j 16:30	14°♈05'01	0°54'31
minimum elong	-3822 May 06 j 14:20	13°♈53'18	0°54'09
max. Earth dist.	-3822 May 08 j 10:12	17°♈49'06	1.33347 AU
evening rise	-3822 May 14 j 01:59	29°♈37'00	
	-3822 May 14 j 06:32	0°♉	
	-3822 May 31 j 05:12	0°♊	
desc. node	-3822 Jun 12 j 12:29	16°♊21'39	
evening max el	-3822 Jun 16 j 04:37	20°♊10'38	27°25'18
retrograde	-3822 Jun 29 j 22:04	27°♊33'58	
evening set	-3822 Jul 07 j 01:57	24°♊57'39	
min. Earth dist.	-3822 Jul 10 j 16:09	21°♊51'49	0.63234 AU
inferior conj	-3822 Jul 13 j 09:35	19°♊07'25	-3°53'13
minimum elong	-3822 Jul 13 j 13:02	18°♊58'42	3°52'27
morning rise	-3822 Jul 20 j 01:03	13°♊53'44	
direct	-3822 Jul 22 j 16:25	13°♊20'18	
asc. node	-3822 Jul 28 j 03:48	15°♊43'45	
morning max el	-3822 Jul 29 j 06:15	16°♊44'32	17°56'48
	-3822 Aug 07 j 16:10	0°♋	
morning set	-3822 Aug 15 j 00:09	12°♋42'30	
	-3822 Aug 25 j 00:42	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3822 Aug 26 j 23:48	3°♌17'12	1°14'15
minimum elong	-3822 Aug 27 j 05:32	3°♌41'03	1°13'47
max. Earth dist.	-3822 Sep 02 j 07:38	13°♌38'59	1.43596 AU
desc. node	-3822 Sep 08 j 11:48	23°♌27'32	
evening rise	-3822 Sep 11 j 15:42	28°♌23'16	
	-3822 Sep 12 j 16:44	0°♍	
	-3822 Oct 03 j 00:28	0°♎	
evening max el	-3822 Oct 10 j 18:57	9°♎30'03	20°53'28
retrograde	-3822 Oct 19 j 02:24	14°♎24'56	
evening set	-3822 Oct 23 j 00:55	12°♎56'34	
asc. node	-3822 Oct 24 j 02:44	12°♎01'37	
inferior conj	-3822 Oct 28 j 10:23	6°♎46'53	1°26'33
minimum elong	-3822 Oct 28 j 08:29	6°♎53'22	1°25'46
min. Earth dist.	-3822 Oct 28 j 22:34	6°♎05'20	0.67072 AU
morning rise	-3822 Nov 02 j 15:54	0°♎31'46	
	-3822 Nov 03 j 07:18	30°℞♍	
direct	-3822 Nov 07 j 23:47	28°♍13'52	
	-3822 Nov 13 j 05:45	0°♎	
morning max el	-3822 Nov 18 j 22:16	4°♎45'12	24°05'21
desc. node	-3822 Dec 05 j 11:35	25°♎45'52	
	-3822 Dec 08 j 09:06	0°♏	
morning set	-3822 Dec 24 j 13:57	25°♏54'45	
	-3822 Dec 26 j 22:18	0°♐	
max. Earth dist.	-3822 Dec 28 j 11:08	2°♐43'20	1.38352 AU
superior conj	-3821 Jan 04 j 14:36	15°♐54'56	-1°51'01
minimum elong	-3821 Jan 04 j 16:36	16°♐04'26	1°51'04
	-3821 Jan 11 j 20:16	0°♑	
evening rise	-3821 Jan 13 j 10:22	3°♑07'27	
asc. node	-3821 Jan 20 j 01:46	15°♑44'00	
evening max el	-3821 Jan 30 j 00:31	29°♑52'37	18°55'40
	-3821 Jan 30 j 03:38	0°♒	
retrograde	-3821 Feb 07 j 09:03	3°♒53'37	
evening set	-3821 Feb 09 j 19:01	3°♒34'51	
	-3821 Feb 16 j 16:09	30°℞♑	
inferior conj	-3821 Feb 17 j 16:20	29°♑17'03	3°16'50
minimum elong	-3821 Feb 17 j 20:49	29°♑08'59	3°15'47
min. Earth dist.	-3821 Feb 20 j 21:06	27°♑00'26	0.57427 AU
morning rise	-3821 Feb 25 j 20:03	24°♑11'12	
direct	-3821 Mar 03 j 05:19	23°♑01'51	
desc. node	-3821 Mar 03 j 10:49	23°♑01'58	
	-3821 Mar 17 j 00:55	0°♒	
morning max el	-3821 Mar 17 j 11:10	0°♒24'27	25°45'09
	-3821 Apr 07 j 02:26	0°♓	
morning set	-3821 Apr 14 j 03:13	13°♓58'36	
asc. node	-3821 Apr 18 j 01:20	22°♓22'06	
superior conj	-3821 Apr 21 j 03:18	29°♓05'24	0°31'41
minimum elong	-3821 Apr 21 j 01:56	28°♓57'59	0°31'24
	-3821 Apr 21 j 13:18	0°♈	
max. Earth dist.	-3821 Apr 21 j 21:05	0°♈42'26	1.32785 AU
evening rise	-3821 Apr 28 j 06:02	14°♈18'00	
	-3821 May 06 j 07:57	0°♉	
	-3821 May 26 j 20:46	0°♊	
evening max el	-3821 May 29 j 10:42	2°♊37'31	27°05'46
desc. node	-3821 May 30 j 09:35	3°♊30'51	
retrograde	-3821 Jun 12 j 09:28	9°♊59'01	
evening set	-3821 Jun 19 j 07:47	7°♊47'25	
min. Earth dist.	-3821 Jun 23 j 00:11	5°♊01'58	0.61353 AU
inferior conj	-3821 Jun 26 j 05:08	2°♊11'37	-4°16'03
minimum elong	-3821 Jun 26 j 06:56	2°♊07'36	4°15'47
	-3821 Jun 28 j 18:57	30°℞♉	
morning rise	-3821 Jul 03 j 07:40	27°♉18'48	
direct	-3821 Jul 05 j 20:59	26°♉51'41	
	-3821 Jul 12 j 11:59	0°♊	
morning max el	-3821 Jul 12 j 19:51	0°♊18'38	18°01'30
asc. node	-3821 Jul 15 j 00:52	2°♊44'05	
morning set	-3821 Jul 28 j 21:16	25°♊36'29	
	-3821 Jul 31 j 06:41	0°♋	
superior conj	-3821 Aug 08 j 06:25	14°♋21'08	1°37'55
minimum elong	-3821 Aug 08 j 10:15	14°♋37'55	1°37'49
max. Earth dist.	-3821 Aug 15 j 17:53	27°♋06'06	1.42074 AU
	-3821 Aug 17 j 12:04	0°♌	
evening rise	-3821 Aug 22 j 02:05	7°♌24'05	
desc. node	-3821 Aug 26 j 08:47	14°♌07'06	
	-3821 Sep 05 j 22:34	0°♍	
evening max el	-3821 Sep 23 j 13:51	22°♍55'31	22°08'01
retrograde	-3821 Oct 02 j 22:06	28°♍28'42	
evening set	-3821 Oct 07 j 08:54	26°♍41'49	
asc. node	-3821 Oct 10 j 23:52	22°♍44'04	
inferior conj	-3821 Oct 12 j 16:35	20°♍25'42	0°34'46
minimum elong	-3821 Oct 12 j 15:46	20°♍28'29	0°34'27
min. Earth dist.	-3821 Oct 12 j 18:11	20°♍20'08	0.67390 AU
morning rise	-3821 Oct 17 j 22:32	14°♍11'20	
direct	-3821 Oct 22 j 15:20	12°♍14'58	
morning max el	-3821 Nov 01 j 09:13	18°♍03'15	22°38'53
	-3821 Nov 11 j 06:16	0°♎	
desc. node	-3821 Nov 22 j 08:34	15°♎50'28	
	-3821 Dec 01 j 12:45	0°♏	
morning set	-3821 Dec 05 j 04:40	5°♏54'41	
max. Earth dist.	-3821 Dec 10 j 08:08	14°♏29'21	1.40423 AU
superior conj	-3821 Dec 18 j 02:22	28°♏06'22	-1°55'00
minimum elong	-3821 Dec 18 j 01:51	28°♏04'03	1°55'07
	-3821 Dec 19 j 03:23	0°♐	
evening rise	-3821 Dec 27 j 23:16	16°♐29'36	
	-3820 Jan 04 j 07:31	0°♑	
asc. node	-3820 Jan 06 j 22:50	4°♑22'55	
evening max el	-3820 Jan 13 j 05:24	12°♑33'26	18°22'00
retrograde	-3820 Jan 20 j 13:11	16°♑10'55	
evening set	-3820 Jan 23 j 02:17	15°♑45'50	
inferior conj	-3820 Jan 30 j 07:37	11°♑07'33	3°54'38
minimum elong	-3820 Jan 30 j 09:35	11°♑03'26	3°54'19
min. Earth dist.	-3820 Feb 02 j 16:35	8°♑19'46	0.59340 AU
morning rise	-3820 Feb 06 j 14:51	5°♑38'00	
direct	-3820 Feb 13 j 00:30	3°♑49'29	
desc. node	-3820 Feb 18 j 07:54	5°♑00'03	
morning max el	-3820 Feb 27 j 06:31	11°♑25'57	26°56'58
	-3820 Mar 12 j 18:09	0°♒	
morning set	-3820 Mar 28 j 13:23	28°♒54'24	
	-3820 Mar 29 j 01:57	0°♓	
asc. node	-3820 Apr 03 j 22:19	12°♓35'26	
superior conj	-3820 Apr 04 j 15:02	14°♓07'00	0°07'18
minimum elong	-3820 Apr 04 j 14:43	14°♓05'14	0°07'11
behind sun begin	-3820 Apr 04 j 10:14	13°♓40'42	
behind sun end	-3820 Apr 04 j 19:12	14°♓29'45	
max. Earth dist.	-3820 Apr 04 j 10:27	13°♓41'51	1.32560 AU
evening rise	-3820 Apr 11 j 14:34	29°♓10'52	
	-3820 Apr 11 j 23:59	0°♈	
	-3820 Apr 28 j 17:43	0°♉	
evening max el	-3820 May 10 j 10:41	14°♉21'57	26°14'06
desc. node	-3820 May 16 j 06:41	18°♉59'52	
retrograde	-3820 May 24 j 12:45	21°♉39'47	
evening set	-3820 May 30 j 17:23	20°♉04'18	
min. Earth dist.	-3820 Jun 03 j 23:33	17°♉22'28	0.59309 AU
inferior conj	-3820 Jun 07 j 08:35	14°♉46'30	-4°17'46
minimum elong	-3820 Jun 07 j 07:19	14°♉48'58	4°17'35
morning rise	-3820 Jun 14 j 23:43	10°♉15'34	
direct	-3820 Jun 17 j 11:54	9°♉53'37	
morning max el	-3820 Jun 25 j 05:14	13°♉34'59	18°25'44
asc. node	-3820 Jun 30 j 21:53	20°♉40'23	
	-3820 Jul 06 j 10:45	0°♊	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3820 Jul 11 j 08:18	9°♊12'06		
superior conj	-3820 Jul 20 j 13:02	26°♊37'20	1°48'10	
minimum elong	-3820 Jul 20 j 14:10	26°♊42'31	1°48'18	
	-3820 Jul 22 j 09:19	0°♋		
max. Earth dist.	-3820 Jul 27 j 22:02	9°♋48'34	1.40206 AU	
evening rise	-3820 Aug 01 j 10:12	17°♋27'10		
	-3820 Aug 09 j 05:23	0°♌		
desc. node	-3820 Aug 12 j 05:47	4°♌38'30		
	-3820 Aug 30 j 11:22	0°♍		
evening max el	-3820 Sep 05 j 03:36	6°♍21'50	23°28'21	
retrograde	-3820 Sep 15 j 14:57	12°♍33'37		
evening set	-3820 Sep 20 j 15:43	10°♍27'18		
inferior conj	-3820 Sep 25 j 23:11	4°♍08'23	-0°18'39	
minimum elong	-3820 Sep 25 j 23:37	4°♍06'54	0°18'23	
min. Earth dist.	-3820 Sep 25 j 14:37	4°♍37'45	0.67406 AU	
asc. node	-3820 Sep 26 j 20:58	2°♍54'10		
	-3820 Sep 29 j 04:28	30°℞♌		
morning rise	-3820 Oct 01 j 07:27	27°♌57'37		
direct	-3820 Oct 05 j 10:28	26°♌22'20		
	-3820 Oct 12 j 13:01	0°♍		
morning max el	-3820 Oct 14 j 01:21	1°♍27'37	21°17'05	
	-3820 Nov 04 j 03:35	0°♎		
desc. node	-3820 Nov 08 j 05:31	6°♎11'52		
morning set	-3820 Nov 13 j 16:05	14°♎38'28		
max. Earth dist.	-3820 Nov 21 j 10:47	27°♎07'04	1.42333 AU	
	-3820 Nov 23 j 04:47	0°♏		
superior conj	-3820 Nov 28 j 15:45	9°♏11'22	-1°46'17	
minimum elong	-3820 Nov 28 j 11:33	8°♏53'20	1°46'08	
evening rise	-3820 Dec 09 j 23:08	29°♏11'24		
	-3820 Dec 10 j 09:53	0°♐		
asc. node	-3820 Dec 23 j 19:54	22°♐20'03		
evening max el	-3820 Dec 26 j 15:33	25°♐35'37	18°08'17	
retrograde	-3819 Jan 02 j 09:14	29°♐03'40		
evening set	-3819 Jan 05 j 01:26	28°♐31'05		
inferior conj	-3819 Jan 11 j 17:34	23°♐31'25	4°02'07	
minimum elong	-3819 Jan 11 j 16:54	23°♐33'01	4°01'57	
min. Earth dist.	-3819 Jan 14 j 18:57	20°♐36'23	0.61355 AU	
morning rise	-3819 Jan 18 j 07:06	17°♐45'50		
direct	-3819 Jan 25 j 06:17	15°♐22'21		
desc. node	-3819 Feb 04 j 04:58	19°♐28'54		
morning max el	-3819 Feb 08 j 07:56	23°♐05'28	27°36'31	
	-3819 Feb 14 j 12:47	0°♑		
	-3819 Mar 05 j 20:37	0°♒		
morning set	-3819 Mar 12 j 19:47	13°♒36'23		
max. Earth dist.	-3819 Mar 18 j 22:29	26°♒33'40	1.32679 AU	
superior conj	-3819 Mar 20 j 02:07	29°♒03'52	-0°17'52	
minimum elong	-3819 Mar 20 j 02:55	29°♒08'16	0°17'47	
	-3819 Mar 20 j 12:25	0°♓		
asc. node	-3819 Mar 21 j 19:17	2°♓48'22		
evening rise	-3819 Mar 27 j 01:33	14°♓08'17		
	-3819 Apr 04 j 02:21	0°♈		
evening max el	-3819 Apr 22 j 04:53	25°♈27'37	24°56'12	
	-3819 Apr 27 j 23:17	0°♉		
desc. node	-3819 May 03 j 03:46	2°♉12'42		
retrograde	-3819 May 06 j 05:35	2°♉34'43		
evening set	-3819 May 11 j 05:22	1°♉37'34		
	-3819 May 14 j 14:57	30°℞♈		
min. Earth dist.	-3819 May 16 j 17:10	28°♈43'11	0.57378 AU	
inferior conj	-3819 May 19 j 16:49	26°♈43'31	-3°48'10	
minimum elong	-3819 May 19 j 12:03	26°♈51'33	3°47'18	
morning rise	-3819 May 27 j 21:48	22°♈32'18		
direct	-3819 May 30 j 09:23	22°♈14'23		
morning max el	-3819 Jun 08 j 07:29	26°♈24'12	19°10'14	
	-3819 Jun 11 j 14:15	0°♉		
asc. node	-3819 Jun 17 j 18:54	9°♉19'49		
morning set	-3819 Jun 25 j 05:21	23°♉19'38		
	-3819 Jun 28 j 13:57	0°♊		
superior conj	-3819 Jul 03 j 13:53	9°♊49'28	1°47'46	
minimum elong	-3819 Jul 03 j 12:52	9°♊44'35	1°47'52	
max. Earth dist.	-3819 Jul 09 j 23:33	21°♊51'51	1.38256 AU	
evening rise	-3819 Jul 13 j 20:32	28°♊46'54		
	-3819 Jul 14 j 13:19	0°♋		
desc. node	-3819 Jul 30 j 02:47	24°♋56'39		
	-3819 Aug 02 j 14:37	0°♌		
evening max el	-3819 Aug 18 j 14:45	19°♌51'12	24°47'46	
retrograde	-3819 Aug 30 j 03:51	26°♌35'26		
evening set	-3819 Sep 04 j 19:35	24°♌10'36		
min. Earth dist.	-3819 Sep 09 j 09:21	18°♌56'02	0.67122 AU	
inferior conj	-3819 Sep 10 j 04:29	17°♌52'25	-1°12'06	
minimum elong	-3819 Sep 10 j 06:10	17°♌46'48	1°11'17	
asc. node	-3819 Sep 13 j 18:04	13°♌30'31		
morning rise	-3819 Sep 15 j 16:46	11°♌48'27		
direct	-3819 Sep 19 j 08:00	10°♌32'06		
morning max el	-3819 Sep 27 j 00:30	14°♌59'52	20°05'43	
	-3819 Oct 08 j 12:41	0°♍		
morning set	-3819 Oct 23 j 14:07	22°♍49'57		
desc. node	-3819 Oct 26 j 02:28	26°♍44'23		
	-3819 Oct 28 j 04:34	0°♎		
max. Earth dist.	-3819 Nov 03 j 20:55	10°♎34'02	1.43814 AU	
superior conj	-3819 Nov 09 j 02:03	18°♎59'14	-1°21'26	
minimum elong	-3819 Nov 08 j 19:05	18°♎30'47	1°20'47	
	-3819 Nov 15 j 17:38	0°♏		
evening rise	-3819 Nov 22 j 05:31	11°♏03'24		
	-3819 Dec 03 j 11:54	0°♐		
evening max el	-3819 Dec 10 j 04:06	8°♐51'16	18°13'51	
asc. node	-3819 Dec 10 j 16:58	9°♐22'48		
retrograde	-3819 Dec 16 j 17:02	12°♐22'02		
evening set	-3819 Dec 19 j 12:52	11°♐40'46		
inferior conj	-3819 Dec 25 j 18:32	6°♐20'43	3°48'03	
minimum elong	-3819 Dec 25 j 16:08	6°♐27'11	3°47'36	
min. Earth dist.	-3819 Dec 28 j 06:23	3°♐39'37	0.63205 AU	
morning rise	-3819 Dec 31 j 18:43	0°♐23'59		
	-3818 Jan 01 j 07:30	30°℞♏		
direct	-3818 Jan 07 j 20:09	27°♏38'55		
	-3818 Jan 14 j 23:35	0°♐		
morning max el	-3818 Jan 21 j 14:27	5°♐23'14	27°39'52	
desc. node	-3818 Jan 22 j 02:01	5°♐52'06		
	-3818 Feb 09 j 07:05	0°♑		
morning set	-3818 Feb 24 j 20:08	27°♑56'34		
	-3818 Feb 25 j 20:36	0°♒		
max. Earth dist.	-3818 Mar 02 j 05:31	9°♒05'08	1.33170 AU	
superior conj	-3818 Mar 04 j 10:50	13°♒49'57	-0°42'52	
minimum elong	-3818 Mar 04 j 12:44	14°♒00'08	0°42'36	
asc. node	-3818 Mar 08 j 16:17	22°♒56'51		
evening rise	-3818 Mar 11 j 13:11	29°♒03'48		
	-3818 Mar 11 j 23:54	0°♓		
	-3818 Mar 29 j 08:20	0°♈		
evening max el	-3818 Apr 03 j 20:54	6°♈12'09	23°23'50	
retrograde	-3818 Apr 17 j 09:35	12°♈54'14		
desc. node	-3818 Apr 20 j 00:52	12°♈38'51		
evening set	-3818 Apr 21 j 01:21	12°♈24'56		
min. Earth dist.	-3818 Apr 28 j 07:52	9°♈06'25	0.55902 AU	
inferior conj	-3818 Apr 30 j 05:20	7°♈59'03	-2°38'46	
minimum elong	-3818 Apr 29 j 23:26	8°♈07'48	2°37'07	
morning rise	-3818 May 09 j 00:09	4°♈00'33		
direct	-3818 May 11 j 12:28	3°♈44'55		
morning max el	-3818 May 22 j 00:04	8°♈37'25	20°15'07	
asc. node	-3818 Jun 04 j 15:55	28°♈32'15		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3818 Jun 05 j 10:20	0°♉	
morning set	-3818 Jun 09 j 09:28	7°♉51'45	
superior conj	-3818 Jun 17 j 03:59	23°♉43'59	1°39'22
minimum elong	-3818 Jun 17 j 01:44	23°♉32'40	1°39'19
	-3818 Jun 20 j 07:34	0°♊	
max. Earth dist.	-3818 Jun 22 j 04:51	3°♊40'00	1.36458 AU
evening rise	-3818 Jun 26 j 05:50	11°♊16'04	
	-3818 Jul 07 j 02:58	0°♋	
desc. node	-3818 Jul 16 j 23:49	14°♋55'40	
	-3818 Jul 28 j 19:45	0°♌	
evening max el	-3818 Aug 01 j 01:41	3°♌23'31	25°58'19
retrograde	-3818 Aug 13 j 12:07	10°♌30'14	
evening set	-3818 Aug 19 j 18:34	7°♌50'23	
min. Earth dist.	-3818 Aug 23 j 23:58	3°♌13'23	0.66516 AU
inferior conj	-3818 Aug 25 j 06:43	1°♌36'16	-2°03'50
minimum elong	-3818 Aug 25 j 09:32	1°♌27'22	2°02'39
	-3818 Aug 26 j 13:38	30°℞♋	
morning rise	-3818 Aug 31 j 00:39	25°♋42'23	
asc. node	-3818 Aug 31 j 15:10	25°♋21'56	
direct	-3818 Sep 03 j 06:18	24°♋42'00	
morning max el	-3818 Sep 10 j 06:43	28°♋40'37	19°08'18
	-3818 Sep 11 j 12:13	0°♌	
	-3818 Oct 01 j 21:36	0°♍	
morning set	-3818 Oct 02 j 22:31	1°♍37'57	
desc. node	-3818 Oct 12 j 23:26	17°♍24'20	
max. Earth dist.	-3818 Oct 17 j 12:58	24°♍35'45	1.44674 AU
superior conj	-3818 Oct 19 j 11:15	27°♍38'42	-0°40'29
minimum elong	-3818 Oct 19 j 06:13	27°♍18'46	0°39'50
	-3818 Oct 20 j 22:55	0°♎	
evening rise	-3818 Nov 03 j 13:53	21°♎57'06	
	-3818 Nov 08 j 11:45	0°♏	
evening max el	-3818 Nov 23 j 16:18	22°♏14'25	18°37'46
asc. node	-3818 Nov 27 j 14:04	25°♏16'33	
retrograde	-3818 Nov 30 j 08:32	25°♏58'15	
evening set	-3818 Dec 03 j 09:15	25°♏06'45	
inferior conj	-3818 Dec 09 j 06:48	19°♏28'39	3°19'19
minimum elong	-3818 Dec 09 j 03:42	19°♏37'53	3°18'29
min. Earth dist.	-3818 Dec 11 j 03:45	17°♏15'14	0.64739 AU
morning rise	-3818 Dec 14 j 21:46	13°♏23'32	
direct	-3818 Dec 21 j 16:46	10°♏32'17	
morning max el	-3817 Jan 03 j 23:47	18°♏11'13	27°09'14
desc. node	-3817 Jan 08 j 23:04	23°♏37'20	
	-3817 Jan 14 j 00:20	0°♐	
	-3817 Feb 02 j 04:13	0°♑	
morning set	-3817 Feb 08 j 11:23	11°♑44'50	
max. Earth dist.	-3817 Feb 13 j 03:47	21°♑05'14	1.34078 AU
superior conj	-3817 Feb 16 j 15:15	28°♑18'20	-1°06'38
minimum elong	-3817 Feb 16 j 18:01	28°♑32'54	1°06'19
	-3817 Feb 17 j 10:34	0°♒	
evening rise	-3817 Feb 23 j 23:44	13°♒50'36	
asc. node	-3817 Feb 23 j 13:18	12°♒56'11	
	-3817 Mar 04 j 06:59	0°♓	
evening max el	-3817 Mar 16 j 16:31	17°♓00'42	21°50'55
retrograde	-3817 Mar 29 j 02:16	23°♓00'50	
evening set	-3817 Mar 31 j 18:47	22°♓44'41	
desc. node	-3817 Apr 06 j 22:00	20°♓26'16	
inferior conj	-3817 Apr 10 j 03:23	18°♓40'32	-0°53'30
minimum elong	-3817 Apr 10 j 00:54	18°♓44'01	0°52'41
min. Earth dist.	-3817 Apr 09 j 21:40	18°♓48'34	0.55189 AU
morning rise	-3817 Apr 19 j 07:55	14°♓40'49	
direct	-3817 Apr 22 j 02:19	14°♓23'48	
morning max el	-3817 May 04 j 05:44	20°♓08'28	21°38'37
	-3817 May 12 j 07:58	0°♈	
asc. node	-3817 May 22 j 12:56	18°♈08'28	
morning set	-3817 May 24 j 18:13	22°♈40'21	
	-3817 May 28 j 06:18	0°♉	
superior conj	-3817 Jun 01 j 03:18	8°♉08'02	1°25'07
minimum elong	-3817 Jun 01 j 00:37	7°♉54'06	1°24'52
max. Earth dist.	-3817 Jun 04 j 18:32	15°♉36'08	1.34960 AU
evening rise	-3817 Jun 09 j 08:37	24°♉38'40	
	-3817 Jun 12 j 04:51	0°♊	
	-3817 Jun 30 j 15:04	0°♋	
desc. node	-3817 Jul 03 j 20:52	4°♋26'22	
evening max el	-3817 Jul 14 j 13:00	16°♋51'34	26°52'01
retrograde	-3817 Jul 27 j 15:20	24°♋11'01	
evening set	-3817 Aug 03 j 10:18	21°♋23'13	
min. Earth dist.	-3817 Aug 07 j 08:04	17°♋24'41	0.65542 AU
inferior conj	-3817 Aug 09 j 03:50	15°♋16'07	-2°51'52
minimum elong	-3817 Aug 09 j 07:27	15°♋05'28	2°50'36
morning rise	-3817 Aug 15 j 04:58	9°♋35'36	
direct	-3817 Aug 18 j 03:18	8°♋48'00	
asc. node	-3817 Aug 18 j 12:16	8°♋48'47	
morning max el	-3817 Aug 24 j 18:18	12°♋26'29	18°26'53
	-3817 Sep 06 j 04:00	0°♌	
morning set	-3817 Sep 13 j 08:20	11°♌41'17	
	-3817 Sep 24 j 17:06	0°♍	
superior conj	-3817 Sep 28 j 10:44	5°♍55'18	0°08'56
minimum elong	-3817 Sep 28 j 11:54	5°♍59'53	0°08'50
behind sun begin	-3817 Sep 28 j 02:20	5°♍22'03	
behind sun end	-3817 Sep 28 j 21:28	6°♍37'42	
desc. node	-3817 Sep 29 j 20:24	8°♍08'12	
max. Earth dist.	-3817 Sep 30 j 07:17	8°♍51'06	1.44808 AU
	-3817 Oct 13 j 18:07	0°♎	
evening rise	-3817 Oct 14 j 21:24	1°♎47'17	
greatest brilliancy	-3817 Oct 24 j 21:09	17°♎26'36	-0.8m
	-3817 Nov 02 j 09:16	0°♏	
evening max el	-3817 Nov 07 j 01:38	5°♏40'35	19°18'48
retrograde	-3817 Nov 14 j 04:20	9°♏46'32	
asc. node	-3817 Nov 14 j 11:10	9°♏46'04	
evening set	-3817 Nov 17 j 11:44	8°♏42'46	
inferior conj	-3817 Nov 23 j 03:12	2°♏49'43	2°40'34
minimum elong	-3817 Nov 23 j 00:10	2°♏59'24	2°39'32
min. Earth dist.	-3817 Nov 24 j 10:15	1°♏10'33	0.65910 AU
	-3817 Nov 25 j 08:57	30°℞♎	
morning rise	-3817 Nov 28 j 12:21	26°♎38'36	
direct	-3817 Dec 04 j 19:29	23°♎53'52	
	-3817 Dec 16 j 01:38	0°♏	
morning max el	-3817 Dec 17 j 09:30	1°♏17'16	26°11'04
desc. node	-3817 Dec 26 j 20:07	12°♏20'26	
	-3816 Jan 08 j 01:36	0°♐	
morning set	-3816 Jan 22 j 13:36	24°♐49'16	
	-3816 Jan 25 j 07:18	0°♑	
max. Earth dist.	-3816 Jan 26 j 14:39	2°♑31'38	1.35428 AU
superior conj	-3816 Jan 31 j 12:59	12°♑21'47	-1°27'48
minimum elong	-3816 Jan 31 j 16:10	12°♑37'59	1°27'33
evening rise	-3816 Feb 08 j 07:18	28°♑22'39	
	-3816 Feb 09 j 02:22	0°♒	
asc. node	-3816 Feb 10 j 10:21	2°♒41'39	
evening max el	-3816 Feb 26 j 21:03	28°♒16'45	20°28'55
	-3816 Feb 28 j 20:47	0°♓	
retrograde	-3816 Mar 08 j 16:32	3°♓25'23	
evening set	-3816 Mar 10 j 23:55	3°♓12'17	
	-3816 Mar 18 j 16:00	30°℞♒	
inferior conj	-3816 Mar 19 j 23:38	29°♒14'01	1°02'44
minimum elong	-3816 Mar 20 j 02:22	29°♒10'00	1°01'44
min. Earth dist.	-3816 Mar 21 j 11:49	28°♒21'03	0.55404 AU
desc. node	-3816 Mar 23 j 19:07	27°♒03'52	
morning rise	-3816 Mar 29 j 03:24	24°♒54'30	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3816 Apr 01 j 15:15	24°♒27'55	
	-3816 Apr 13 j 22:21	0°♓	
morning max el	-3816 Apr 15 j 01:59	1°♓02'54	23°14'55
	-3816 May 04 j 11:30	0°♈	
morning set	-3816 May 08 j 05:35	7°♈38'59	
asc. node	-3816 May 08 j 09:58	8°♈01'54	
superior conj	-3816 May 15 j 08:51	22°♈52'13	1°06'37
minimum elong	-3816 May 15 j 06:21	22°♈38'56	1°06'16
max. Earth dist.	-3816 May 17 j 17:53	27°♈54'36	1.33828 AU
	-3816 May 18 j 17:50	0°♉	
evening rise	-3816 May 23 j 00:04	8°♉40'47	
	-3816 Jun 03 j 15:50	0°♊	
desc. node	-3816 Jun 19 j 17:56	23°♊16'41	
	-3816 Jun 25 j 21:42	0°♋	
evening max el	-3816 Jun 25 j 23:56	0°♋05'25	27°21'32
retrograde	-3816 Jul 09 j 13:13	7°♋29'36	
evening set	-3816 Jul 16 j 15:53	4°♋44'56	
min. Earth dist.	-3816 Jul 20 j 07:41	1°♋22'04	0.64182 AU
	-3816 Jul 21 j 14:33	30°℞♊	
inferior conj	-3816 Jul 22 j 17:24	28°♊47'34	-3°33'34
minimum elong	-3816 Jul 22 j 21:12	28°♊37'23	3°32'33
morning rise	-3816 Jul 29 j 03:16	23°♊23'27	
direct	-3816 Jul 31 j 20:29	22°♊45'41	
asc. node	-3816 Aug 04 j 09:23	23°♊49'22	
morning max el	-3816 Aug 07 j 08:49	26°♊12'46	18°02'35
	-3816 Aug 10 j 14:17	0°♋	
morning set	-3816 Aug 24 j 21:04	23°♋01'39	
	-3816 Aug 28 j 23:32	0°♌	
superior conj	-3816 Sep 06 j 23:15	14°♌53'37	0°53'57
minimum elong	-3816 Sep 07 j 04:40	15°♌15'37	0°53'25
max. Earth dist.	-3816 Sep 12 j 00:14	23°♌00'08	1.44223 AU
desc. node	-3816 Sep 15 j 17:21	28°♌52'48	
	-3816 Sep 16 j 10:27	0°♍	
evening rise	-3816 Sep 23 j 07:52	10°♍44'03	
	-3816 Oct 05 j 23:36	0°♎	
evening max el	-3816 Oct 20 j 06:05	19°♎06'50	20°15'11
retrograde	-3816 Oct 28 j 01:36	23°♎42'22	
asc. node	-3816 Oct 31 j 08:19	22°♎40'01	
evening set	-3816 Oct 31 j 17:52	22°♎23'52	
inferior conj	-3816 Nov 06 j 05:03	16°♎19'17	1°54'58
minimum elong	-3816 Nov 06 j 02:38	16°♎27'25	1°54'01
min. Earth dist.	-3816 Nov 06 j 23:46	15°♎16'31	0.66737 AU
morning rise	-3816 Nov 11 j 11:11	10°♎04'41	
direct	-3816 Nov 17 j 03:49	7°♎35'19	
morning max el	-3816 Nov 28 j 18:18	14°♎29'43	24°54'07
	-3816 Dec 11 j 11:17	0°♏	
desc. node	-3816 Dec 12 j 17:07	1°♏43'37	
	-3816 Dec 30 j 22:11	0°♐	
morning set	-3815 Jan 03 j 21:17	6°♐53'14	
max. Earth dist.	-3815 Jan 07 j 14:34	13°♐36'55	1.37193 AU
superior conj	-3815 Jan 14 j 00:51	25°♐50'21	-1°44'28
minimum elong	-3815 Jan 14 j 03:38	26°♐03'54	1°44'24
	-3815 Jan 16 j 03:31	0°♑	
evening rise	-3815 Jan 22 j 09:40	12°♑32'15	
asc. node	-3815 Jan 27 j 07:23	22°♑06'44	
	-3815 Jan 31 j 18:37	0°♒	
evening max el	-3815 Feb 08 j 12:17	10°♒08'41	19°24'09
retrograde	-3815 Feb 17 j 16:12	14°♒30'10	
evening set	-3815 Feb 20 j 00:13	14°♒14'28	
inferior conj	-3815 Feb 28 j 07:39	10°♒07'02	2°38'16
minimum elong	-3815 Feb 28 j 12:39	9°♒58'48	2°36'50
min. Earth dist.	-3815 Mar 03 j 02:46	8°♒17'08	0.56495 AU
morning rise	-3815 Mar 08 j 22:23	5°♒17'32	
desc. node	-3815 Mar 10 j 16:14	4°♒47'24	
direct	-3815 Mar 13 j 14:36	4°♒27'30	
morning max el	-3815 Mar 27 j 17:10	11°♒38'16	24°53'16
	-3815 Apr 10 j 17:25	0°♓	
morning set	-3815 Apr 22 j 17:49	22°♓41'19	
asc. node	-3815 Apr 25 j 06:58	28°♓06'42	
	-3815 Apr 26 j 03:58	0°♈	
superior conj	-3815 Apr 29 j 18:16	7°♈48'26	0°45'05
minimum elong	-3815 Apr 29 j 16:24	7°♈38'20	0°44'45
max. Earth dist.	-3815 May 01 j 01:19	10°♈36'36	1.33064 AU
evening rise	-3815 May 07 j 00:22	23°♈10'19	
	-3815 May 10 j 10:36	0°♉	
	-3815 May 28 j 10:58	0°♊	
desc. node	-3815 Jun 06 j 15:00	11°♊09'33	
evening max el	-3815 Jun 08 j 08:35	12°♊53'12	27°21'03
retrograde	-3815 Jun 22 j 04:59	20°♊16'40	
evening set	-3815 Jun 29 j 07:38	17°♊49'11	
min. Earth dist.	-3815 Jul 02 j 21:42	14°♊53'39	0.62461 AU
inferior conj	-3815 Jul 05 j 20:33	12°♊04'24	-4°04'59
minimum elong	-3815 Jul 05 j 23:29	11°♊57'21	4°04'27
morning rise	-3815 Jul 12 j 16:33	6°♊59'20	
direct	-3815 Jul 15 j 06:42	6°♊28'56	
morning max el	-3815 Jul 21 j 23:34	9°♊53'27	17°56'25
asc. node	-3815 Jul 22 j 06:27	10°♊10'39	
	-3815 Aug 04 j 06:59	0°♋	
morning set	-3815 Aug 07 j 08:02	5°♋26'12	
superior conj	-3815 Aug 18 j 14:03	25°♋10'34	1°26'04
minimum elong	-3815 Aug 18 j 19:14	25°♋32'33	1°25'44
	-3815 Aug 21 j 10:44	0°♌	
max. Earth dist.	-3815 Aug 25 j 13:16	6°♌46'17	1.43004 AU
evening rise	-3815 Sep 02 j 12:30	19°♌28'19	
desc. node	-3815 Sep 02 j 14:19	19°♌35'27	
	-3815 Sep 09 j 08:51	0°♍	
	-3815 Sep 30 j 20:26	0°♎	
evening max el	-3815 Oct 03 j 04:34	2°♎32'58	21°24'11
retrograde	-3815 Oct 11 j 22:16	7°♎43'55	
evening set	-3815 Oct 16 j 01:40	6°♎08'07	
asc. node	-3815 Oct 18 j 05:25	4°♎03'15	
inferior conj	-3815 Oct 21 j 10:12	29°♍55'25	1°04'53
minimum elong	-3815 Oct 21 j 08:45	0°♎00'26	1°04'18
	-3815 Oct 21 j 08:52	30°℞♍	
min. Earth dist.	-3815 Oct 21 j 17:53	29°♍28'59	0.67245 AU
morning rise	-3815 Oct 26 j 15:39	23°♍40'06	
direct	-3815 Oct 31 j 17:05	21°♍30'57	
morning max el	-3815 Nov 11 j 03:23	27°♍44'41	23°28'21
	-3815 Nov 13 j 06:19	0°♎	
desc. node	-3815 Nov 29 j 14:06	21°♎35'39	
	-3815 Dec 05 j 04:27	0°♏	
morning set	-3815 Dec 16 j 04:16	17°♏40'50	
max. Earth dist.	-3815 Dec 20 j 09:52	24°♏56'27	1.39234 AU
	-3815 Dec 23 j 06:30	0°♐	
superior conj	-3815 Dec 27 j 22:51	8°♐33'34	-1°54'01
minimum elong	-3815 Dec 27 j 23:58	8°♐38'46	1°54'08
evening rise	-3814 Jan 06 j 04:18	26°♐13'14	
	-3814 Jan 08 j 03:22	0°♑	
asc. node	-3814 Jan 14 j 04:26	11°♑04'35	
evening max el	-3814 Jan 22 j 12:55	22°♑33'40	18°38'56
retrograde	-3814 Jan 30 j 09:20	26°♑22'19	
evening set	-3814 Feb 01 j 20:48	26°♑00'58	
inferior conj	-3814 Feb 09 j 11:02	21°♑35'02	3°37'06
minimum elong	-3814 Feb 09 j 14:36	21°♑28'12	3°36'25
min. Earth dist.	-3814 Feb 12 j 19:37	19°♑02'14	0.58212 AU
morning rise	-3814 Feb 17 j 05:58	16°♑18'18	
direct	-3814 Feb 23 j 03:02	14°♑52'15	
desc. node	-3814 Feb 25 j 13:21	15°♑06'51	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3814 Mar 09 j 09:18	22°♉21'49	26°19'02	
	-3814 Mar 16 j 03:30	0°♒		
	-3814 Apr 03 j 10:46	0°♓		
morning set	-3814 Apr 07 j 05:12	7°♓41'05		
asc. node	-3814 Apr 12 j 03:56	18°♓18'01		
superior conj	-3814 Apr 14 j 05:37	22°♓49'42	0°21'30	
minimum elong	-3814 Apr 14 j 04:41	22°♓44'33	0°21'16	
max. Earth dist.	-3814 Apr 14 j 13:37	23°♓33'27	1.32648 AU	
	-3814 Apr 17 j 12:39	0°♈		
evening rise	-3814 Apr 21 j 06:34	7°♈57'14		
	-3814 May 02 j 21:59	0°♉		
evening max el	-3814 May 21 j 12:28	25°♉03'13	26°47'40	
desc. node	-3814 May 24 j 12:06	27°♉40'21		
	-3814 May 27 j 20:19	0°♊		
retrograde	-3814 Jun 04 j 13:05	2°♊23'03		
evening set	-3814 Jun 11 j 05:16	0°♊26'13		
	-3814 Jun 11 j 22:46	30°℞♉		
min. Earth dist.	-3814 Jun 15 j 01:59	27°♉44'11	0.60488 AU	
inferior conj	-3814 Jun 18 j 09:44	24°♉57'30	-4°19'59	
minimum elong	-3814 Jun 18 j 10:23	24°♉56'07	4°19'50	
morning rise	-3814 Jun 25 j 17:23	20°♉13'38		
direct	-3814 Jun 28 j 06:08	19°♉48'48		
morning max el	-3814 Jul 05 j 11:40	23°♉20'36	18°09'18	
asc. node	-3814 Jul 09 j 03:29	27°♉36'15		
	-3814 Jul 10 j 19:48	0°♊		
morning set	-3814 Jul 21 j 11:39	18°♊39'27		
	-3814 Jul 27 j 13:55	0°♋		
superior conj	-3814 Jul 31 j 07:31	6°♋46'38	1°43'46	
minimum elong	-3814 Jul 31 j 10:11	6°♋58'35	1°43'46	
max. Earth dist.	-3814 Aug 07 j 20:58	19°♋55'37	1.41312 AU	
evening rise	-3814 Aug 13 j 06:53	28°♋52'10		
	-3814 Aug 13 j 23:41	0°♌		
desc. node	-3814 Aug 20 j 11:18	10°♌12'01		
	-3814 Sep 02 j 23:32	0°♍		
evening max el	-3814 Sep 15 j 21:12	15°♍58'59	22°41'52	
retrograde	-3814 Sep 25 j 16:44	21°♍48'13		
evening set	-3814 Sep 30 j 09:20	19°♍53'12		
asc. node	-3814 Oct 05 j 02:31	14°♍24'48		
inferior conj	-3814 Oct 05 j 16:46	13°♍35'44	0°12'12	
minimum elong	-3814 Oct 05 j 16:28	13°♍36'43	0°12'08	
transit middle	-3814 Oct 05 j 16:28	13°♍36'43	0°12'08	
transit begin	-3814 Oct 05 j 14:40	13°♍42'58		
transit end	-3814 Oct 05 j 18:17	13°♍30'29		
min. Earth dist.	-3814 Oct 05 j 14:05	13°♍44'58	0.67442 AU	
morning rise	-3814 Oct 10 j 23:30	7°♍22'37		
direct	-3814 Oct 15 j 10:21	5°♍35'13		
morning max el	-3814 Oct 24 j 16:02	11°♍04'10	22°03'01	
	-3814 Nov 08 j 10:58	0°♎		
desc. node	-3814 Nov 16 j 11:05	11°♎48'03		
morning set	-3814 Nov 26 j 06:34	27°♎04'51		
	-3814 Nov 28 j 01:59	0°♏		
max. Earth dist.	-3814 Dec 02 j 09:00	7°♏04'14	1.41279 AU	
superior conj	-3814 Dec 10 j 01:48	20°♏18'23	-1°53'05	
minimum elong	-3814 Dec 09 j 23:47	20°♏09'31	1°53'09	
	-3814 Dec 15 j 11:04	0°♐		
evening rise	-3814 Dec 20 j 12:05	9°♐18'51		
asc. node	-3813 Jan 01 j 01:28	29°♐26'46		
	-3813 Jan 01 j 10:35	0°♑		
evening max el	-3813 Jan 05 j 20:24	5°♑24'26	18°13'46	
retrograde	-3813 Jan 12 j 20:45	8°♑56'07		
evening set	-3813 Jan 15 j 11:18	8°♑27'48		
inferior conj	-3813 Jan 22 j 10:36	3°♑40'09	4°00'58	
minimum elong	-3813 Jan 22 j 11:23	3°♑38'25	4°00'47	
min. Earth dist.	-3813 Jan 25 j 17:20	0°♑46'39	0.60204 AU	
	-3813 Jan 26 j 16:03	30°℞♐		
morning rise	-3813 Jan 29 j 09:51	28°♐03'18		
direct	-3813 Feb 05 j 02:47	25°♐58'56		
desc. node	-3813 Feb 12 j 10:26	28°♐13'04		
	-3813 Feb 15 j 02:27	0°♑		
morning max el	-3813 Feb 19 j 07:03	3°♑37'57	27°18'16	
	-3813 Mar 10 j 15:57	0°♒		
morning set	-3813 Mar 22 j 14:02	22°♒32'02		
	-3813 Mar 26 j 02:47	0°♓		
max. Earth dist.	-3813 Mar 29 j 03:06	6°♓32'32	1.32568 AU	
superior conj	-3813 Mar 29 j 17:17	7°♓50'04	-0°03'20	
minimum elong	-3813 Mar 29 j 17:26	7°♓50'54	0°03'23	
behind sun begin	-3813 Mar 29 j 12:31	7°♓23'59		
behind sun end	-3813 Mar 29 j 22:21	8°♓17'49		
asc. node	-3813 Mar 30 j 00:54	8°♓31'47		
evening rise	-3813 Apr 05 j 16:25	22°♓53'19		
	-3813 Apr 09 j 03:38	0°♈		
	-3813 Apr 27 j 12:35	0°♉		
evening max el	-3813 May 03 j 09:58	6°♉30'44	25°43'39	
desc. node	-3813 May 11 j 09:11	12°♉16'43		
retrograde	-3813 May 17 j 11:52	13°♉44'26		
evening set	-3813 May 23 j 05:33	12°♉25'42		
min. Earth dist.	-3813 May 27 j 22:19	9°♉40'31	0.58461 AU	
inferior conj	-3813 May 31 j 05:22	7°♉17'39	-4°09'42	
minimum elong	-3813 May 31 j 02:32	7°♉22'49	4°09'19	
morning rise	-3813 Jun 08 j 02:13	2°♉55'30		
direct	-3813 Jun 10 j 14:20	2°♉35'14		
morning max el	-3813 Jun 18 j 18:19	6°♉26'32	18°42'07	
asc. node	-3813 Jun 26 j 00:30	15°♉52'22		
	-3813 Jul 03 j 20:22	0°♊		
morning set	-3813 Jul 05 j 03:24	2°♊30'07		
superior conj	-3813 Jul 13 j 22:37	19°♊28'46	1°49'08	
minimum elong	-3813 Jul 13 j 22:44	19°♊29'20	1°49'17	
	-3813 Jul 19 j 16:02	0°♋		
max. Earth dist.	-3813 Jul 20 j 23:59	2°♋22'04	1.39380 AU	
evening rise	-3813 Jul 25 j 02:15	9°♋27'43		
	-3813 Aug 06 j 22:06	0°♌		
desc. node	-3813 Aug 07 j 08:16	0°♌38'18		
evening max el	-3813 Aug 29 j 09:33	29°♌26'17	24°02'35	
	-3813 Aug 29 j 23:17	0°♍		
retrograde	-3813 Sep 09 j 07:54	5°♍52'20		
evening set	-3813 Sep 14 j 15:08	3°♍37'39		
	-3813 Sep 17 j 22:39	30°℞♌		
inferior conj	-3813 Sep 19 j 23:01	27°♌18'45	-0°41'26	
minimum elong	-3813 Sep 19 j 23:59	27°♌15'27	0°40'55	
min. Earth dist.	-3813 Sep 19 j 09:59	28°♌02'56	0.67333 AU	
asc. node	-3813 Sep 21 j 23:38	24°♌38'32		
morning rise	-3813 Sep 25 j 08:49	21°♌10'46		
direct	-3813 Sep 29 j 06:35	19°♌43'57		
morning max el	-3813 Oct 07 j 11:09	24°♌31'52	20°45'10	
	-3813 Oct 12 j 04:28	0°♍		
	-3813 Nov 01 j 21:06	0°♎		
desc. node	-3813 Nov 03 j 08:03	2°♎14'35		
morning set	-3813 Nov 05 j 09:43	5°♎27'04		
max. Earth dist.	-3813 Nov 14 j 15:30	20°♎06'23	1.43033 AU	
	-3813 Nov 20 j 15:52	0°♏		
superior conj	-3813 Nov 21 j 03:59	0°♏50'42	-1°37'50	
minimum elong	-3813 Nov 20 j 22:16	0°♏26'43	1°37'28	
evening rise	-3813 Dec 03 j 05:06	21°♏40'40		
	-3813 Dec 07 j 22:14	0°♐		
asc. node	-3813 Dec 18 j 22:32	17°♐02'11		
evening max el	-3813 Dec 20 j 07:51	18°♐32'35	18°08'17	
retrograde	-3813 Dec 26 j 22:32	22°♐00'45		
evening set	-3813 Dec 29 j 16:07	21°♐24'38		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3812 Jan 05 j 03:26	16°♐15'46	3°58'21
minimum elong	-3812 Jan 05 j 01:55	16°♐19'38	3°58'05
min. Earth dist.	-3812 Jan 07 j 23:19	13°♐24'39	0.62168 AU
morning rise	-3812 Jan 11 j 10:43	10°♐24'48	
direct	-3812 Jan 18 j 11:54	7°♐50'36	
desc. node	-3812 Jan 30 j 07:32	13°♐34'55	
morning max el	-3812 Feb 01 j 11:07	15°♐34'54	27°42'32
	-3812 Feb 13 j 07:37	0°♑	
	-3812 Mar 02 j 04:25	0°♒	
morning set	-3812 Mar 05 j 18:10	7°♒05'39	
max. Earth dist.	-3812 Mar 11 j 13:38	19°♒17'44	1.32838 AU
superior conj	-3812 Mar 13 j 03:33	22°♒42'35	-0°28'33
minimum elong	-3812 Mar 13 j 04:50	22°♒49'33	0°28'23
asc. node	-3812 Mar 15 j 21:54	28°♒43'00	
	-3812 Mar 16 j 12:05	0°♓	
evening rise	-3812 Mar 20 j 03:52	7°♓50'18	
	-3812 Mar 31 j 20:12	0°♈	
evening max el	-3812 Apr 14 j 02:19	17°♈23'08	24°17'48
desc. node	-3812 Apr 27 j 06:17	24°♈21'06	
retrograde	-3812 Apr 27 j 23:24	24°♈22'17	
evening set	-3812 May 02 j 09:30	23°♈38'27	
min. Earth dist.	-3812 May 08 j 14:04	20°♈35'16	0.56674 AU
inferior conj	-3812 May 11 j 04:54	18°♈56'07	-3°23'48
minimum elong	-3812 May 10 j 23:10	19°♈05'13	3°22'30
morning rise	-3812 May 19 j 16:00	14°♈52'00	
direct	-3812 May 22 j 03:35	14°♈35'24	
morning max el	-3812 May 31 j 16:45	19°♈01'15	19°35'29
	-3812 Jun 09 j 03:01	0°♉	
asc. node	-3812 Jun 11 j 21:32	4°♉46'33	
morning set	-3812 Jun 18 j 03:47	16°♉48'44	
	-3812 Jun 24 j 17:13	0°♊	
superior conj	-3812 Jun 26 j 05:42	3°♊00'40	1°45'02
minimum elong	-3812 Jun 26 j 04:04	2°♊52'35	1°45'06
max. Earth dist.	-3812 Jul 02 j 02:11	14°♊14'49	1.37459 AU
evening rise	-3812 Jul 05 j 22:56	21°♊18'10	
	-3812 Jul 10 j 23:02	0°♋	
desc. node	-3812 Jul 24 j 05:16	20°♋49'05	
	-3812 Jul 30 j 19:50	0°♌	
evening max el	-3812 Aug 10 j 20:11	12°♌56'30	25°19'15
retrograde	-3812 Aug 22 j 19:03	19°♌52'12	
evening set	-3812 Aug 28 j 17:14	17°♌20'03	
min. Earth dist.	-3812 Sep 02 j 03:15	12°♌21'21	0.66906 AU
inferior conj	-3812 Sep 03 j 03:16	11°♌03'01	-1°34'22
minimum elong	-3812 Sep 03 j 05:27	10°♌55'51	1°33'23
asc. node	-3812 Sep 07 j 20:45	5°♌42'21	
morning rise	-3812 Sep 08 j 17:47	5°♌03'07	
direct	-3812 Sep 12 j 04:34	3°♌54'10	
morning max el	-3812 Sep 19 j 13:35	8°♌08'37	19°39'26
	-3812 Oct 05 j 11:06	0°♍	
morning set	-3812 Oct 14 j 09:28	13°♍46'56	
desc. node	-3812 Oct 20 j 04:59	22°♍50'44	
	-3812 Oct 24 j 18:15	0°♎	
max. Earth dist.	-3812 Oct 27 j 04:21	3°♎49'54	1.44259 AU
superior conj	-3812 Oct 31 j 02:43	10°♎06'31	-1°05'46
minimum elong	-3812 Oct 30 j 19:49	9°♎38'53	1°05'01
	-3812 Nov 12 j 05:38	0°♏	
evening rise	-3812 Nov 14 j 02:45	3°♏09'22	
	-3812 Dec 01 j 04:17	0°♐	
evening max el	-3812 Dec 02 j 20:33	1°♐51'59	18°21'50
asc. node	-3812 Dec 04 j 19:39	3°♐37'37	
retrograde	-3812 Dec 09 j 10:10	5°♐27'31	
evening set	-3812 Dec 12 j 07:46	4°♐42'17	
	-3812 Dec 17 j 17:25	30°℞♏	
inferior conj	-3812 Dec 18 j 09:43	29°♏14'16	3°37'22
minimum elong	-3812 Dec 18 j 06:55	29°♏22'12	3°36'43
min. Earth dist.	-3812 Dec 20 j 15:16	26°♏43'26	0.63896 AU
morning rise	-3812 Dec 24 j 05:29	23°♏13'22	
direct	-3812 Dec 31 j 04:56	20°♏23'43	
morning max el	-3811 Jan 13 j 19:22	28°♏07'42	27°30'39
	-3811 Jan 15 j 15:00	0°♐	
desc. node	-3811 Jan 16 j 04:36	0°♐36'40	
	-3811 Feb 06 j 00:56	0°♑	
morning set	-3811 Feb 17 j 15:04	21°♑13'30	
	-3811 Feb 21 j 22:50	0°♒	
max. Earth dist.	-3811 Feb 22 j 17:18	1°♒36'12	1.33501 AU
superior conj	-3811 Feb 25 j 10:41	7°♒21'35	-0°53'11
minimum elong	-3811 Feb 25 j 13:00	7°♒33'53	0°52'53
asc. node	-3811 Mar 02 j 18:54	18°♒47'45	
evening rise	-3811 Mar 04 j 15:15	22°♒42'16	
	-3811 Mar 08 j 04:42	0°♓	
evening max el	-3811 Mar 26 j 18:57	28°♓05'01	22°43'32
	-3811 Mar 28 j 23:00	0°♈	
retrograde	-3811 Apr 08 j 22:28	4°♈31'46	
evening set	-3811 Apr 12 j 02:24	4°♈09'50	
desc. node	-3811 Apr 14 j 03:26	3°♈33'56	
min. Earth dist.	-3811 Apr 20 j 04:26	0°♈36'58	0.55486 AU
inferior conj	-3811 Apr 21 j 10:04	29°♓54'22	-1°57'28
minimum elong	-3811 Apr 21 j 05:07	0°♈01'31	1°55'55
	-3811 Apr 21 j 06:10	30°℞♓	
morning rise	-3811 Apr 30 j 09:54	25°♓57'22	
direct	-3811 May 02 j 23:29	25°♓41'57	
	-3811 May 13 j 03:21	0°♈	
morning max el	-3811 May 14 j 04:47	0°♈56'31	20°48'40
asc. node	-3811 May 29 j 18:32	24°♈09'20	
	-3811 Jun 01 j 16:53	0°♉	
morning set	-3811 Jun 02 j 10:05	1°♉27'48	
superior conj	-3811 Jun 10 j 00:07	17°♉08'31	1°33'55
minimum elong	-3811 Jun 09 j 21:36	16°♉55'39	1°33'48
max. Earth dist.	-3811 Jun 14 j 10:08	26°♉01'04	1.35772 AU
	-3811 Jun 16 j 11:17	0°♊	
evening rise	-3811 Jun 18 j 16:17	4°♊11'27	
	-3811 Jul 03 j 19:58	0°♋	
desc. node	-3811 Jul 11 j 02:18	10°♋37'03	
evening max el	-3811 Jul 24 j 07:12	26°♋27'35	26°23'46
	-3811 Jul 28 j 08:28	0°♌	
retrograde	-3811 Aug 06 j 01:27	3°♌41'41	
evening set	-3811 Aug 12 j 13:28	0°♌57'23	
	-3811 Aug 13 j 14:31	30°℞♋	
min. Earth dist.	-3811 Aug 16 j 15:29	26°♋36'39	0.66140 AU
inferior conj	-3811 Aug 18 j 03:36	24°♋45'37	-2°24'50
minimum elong	-3811 Aug 18 j 06:49	24°♋35'43	2°23'34
morning rise	-3811 Aug 24 j 00:25	18°♋56'53	
asc. node	-3811 Aug 25 j 17:52	18°♋13'01	
direct	-3811 Aug 27 j 02:35	18°♋02'26	
morning max el	-3811 Sep 02 j 22:20	21°♋51'52	18°48'36
	-3811 Sep 09 j 08:40	0°♌	
morning set	-3811 Sep 24 j 03:43	23°♌04'16	
	-3811 Sep 28 j 12:17	0°♍	
desc. node	-3811 Oct 07 j 01:55	13°♍32'26	
superior conj	-3811 Oct 10 j 05:10	18°♍28'53	-0°19'50
minimum elong	-3811 Oct 10 j 02:34	18°♍18'37	0°19'28
max. Earth dist.	-3811 Oct 09 j 21:16	17°♍57'44	1.44819 AU
	-3811 Oct 17 j 12:11	0°♎	
evening rise	-3811 Oct 26 j 00:36	13°♎35'30	
	-3811 Nov 05 j 06:36	0°♏	
evening max el	-3811 Nov 16 j 07:50	15°♏16'46	18°53'16
asc. node	-3811 Nov 21 j 16:47	18°♏57'03	
retrograde	-3811 Nov 23 j 03:46	19°♏08'55	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3811 Nov 26 j 07:03	18°♏12'36	
inferior conj	-3811 Dec 02 j 01:49	12°♏28'03	3°03'52
minimum elong	-3811 Dec 01 j 22:39	12°♏37'44	3°02'54
min. Earth dist.	-3811 Dec 03 j 16:47	10°♏28'25	0.65287 AU
morning rise	-3811 Dec 07 j 13:55	6°♏20'05	
direct	-3811 Dec 14 j 04:29	3°♏29'53	
morning max el	-3811 Dec 27 j 04:56	11°♏04'00	26°47'12
desc. node	-3810 Jan 03 j 01:38	18°♏48'38	
	-3810 Jan 11 j 08:20	0°♐	
	-3810 Jan 29 j 12:48	0°♑	
morning set	-3810 Feb 01 j 01:19	4°♑44'26	
max. Earth dist.	-3810 Feb 05 j 10:32	13°♑19'25	1.34597 AU
superior conj	-3810 Feb 09 j 12:35	21°♑40'10	-1°16'03
minimum elong	-3810 Feb 09 j 15:36	21°♑55'50	1°15'44
	-3810 Feb 13 j 12:04	0°♒	
evening rise	-3810 Feb 17 j 00:44	7°♒23'01	
asc. node	-3810 Feb 17 j 15:57	8°♒41'36	
	-3810 Mar 01 j 08:50	0°♓	
evening max el	-3810 Mar 08 j 18:06	9°♓03'46	21°14'16
retrograde	-3810 Mar 20 j 12:26	14°♓41'43	
evening set	-3810 Mar 22 j 23:18	14°♓27'54	
inferior conj	-3810 Apr 01 j 05:36	10°♓28'51	-0°03'30
minimum elong	-3810 Apr 01 j 05:26	10°♓29'05	0°03'30
transit middle	-3810 Apr 01 j 05:26	10°♓29'05	0°03'30
transit begin	-3810 Apr 01 j 01:26	10°♓34'45	
transit end	-3810 Apr 01 j 09:26	10°♓23'26	
desc. node	-3810 Apr 01 j 00:34	10°♓35'58	
min. Earth dist.	-3810 Apr 01 j 18:33	10°♓10'33	0.55163 AU
morning rise	-3810 Apr 10 j 11:18	6°♓22'26	
direct	-3810 Apr 13 j 11:42	6°♓02'31	
morning max el	-3810 Apr 26 j 06:00	12°♓10'17	22°18'32
	-3810 May 09 j 09:19	0°♈	
asc. node	-3810 May 16 j 15:33	13°♈53'29	
morning set	-3810 May 17 j 20:10	16°♈21'18	
	-3810 May 24 j 07:04	0°♉	
superior conj	-3810 May 25 j 02:24	1°♉42'04	1°17'43
minimum elong	-3810 May 24 j 23:44	1°♉28'02	1°17'25
max. Earth dist.	-3810 May 28 j 04:03	8°♉06'07	1.34431 AU
evening rise	-3810 Jun 02 j 01:01	17°♉52'51	
	-3810 Jun 08 j 12:55	0°♊	
desc. node	-3810 Jun 27 j 23:23	29°♊52'29	
	-3810 Jun 28 j 01:43	0°♋	
evening max el	-3810 Jul 06 j 18:48	9°♋52'04	27°08'05
retrograde	-3810 Jul 20 j 02:27	17°♋14'01	
evening set	-3810 Jul 27 j 01:18	14°♋26'23	
min. Earth dist.	-3810 Jul 30 j 20:21	10°♋43'19	0.65007 AU
inferior conj	-3810 Aug 01 j 21:52	8°♋23'04	-3°10'33
minimum elong	-3810 Aug 02 j 01:39	8°♋12'17	3°09'21
morning rise	-3810 Aug 08 j 02:29	2°♋48'49	
direct	-3810 Aug 10 j 22:25	2°♋05'39	
asc. node	-3810 Aug 12 j 14:57	2°♋20'57	
morning max el	-3810 Aug 17 j 11:25	5°♋38'22	18°14'21
	-3810 Sep 02 j 20:00	0°♌	
morning set	-3810 Sep 05 j 01:27	3°♌42'10	
superior conj	-3810 Sep 19 j 07:42	26°♌56'19	0°29'13
minimum elong	-3810 Sep 19 j 11:14	27°♌10'21	0°28'51
	-3810 Sep 21 j 05:53	0°♍	
max. Earth dist.	-3810 Sep 22 j 15:30	2°♍13'05	1.44652 AU
desc. node	-3810 Sep 23 j 22:52	4°♍17'00	
evening rise	-3810 Oct 05 j 22:07	23°♍00'21	
	-3810 Oct 10 j 10:13	0°♎	
greatest brilliancy	-3810 Oct 18 j 01:25	11°♎43'25	-0.7m
evening max el	-3810 Oct 30 j 15:25	28°♎43'37	19°41'03
	-3810 Oct 31 j 22:52	0°♏	
retrograde	-3810 Nov 07 j 00:22	3°♏00'45	
asc. node	-3810 Nov 08 j 13:54	2°♏46'35	
evening set	-3810 Nov 10 j 11:20	1°♏50'56	
	-3810 Nov 12 j 14:54	30°℞♎	
inferior conj	-3810 Nov 16 j 00:48	25°♎52'44	2°21'50
minimum elong	-3810 Nov 15 j 21:59	26°♎01'58	2°20'50
min. Earth dist.	-3810 Nov 17 j 02:25	24°♎29'02	0.66316 AU
morning rise	-3810 Nov 21 j 08:24	19°♎40'04	
direct	-3810 Nov 27 j 09:41	17°♎00'58	
morning max el	-3810 Dec 09 j 14:03	24°♎12'48	25°39'54
	-3810 Dec 14 j 19:35	0°♏	
desc. node	-3810 Dec 20 j 22:39	7°♏50'12	
	-3809 Jan 04 j 18:21	0°♐	
morning set	-3809 Jan 14 j 20:19	17°♐24'35	
max. Earth dist.	-3809 Jan 18 j 16:15	24°♐33'11	1.36139 AU
	-3809 Jan 21 j 11:57	0°♑	
superior conj	-3809 Jan 24 j 06:33	5°♑29'56	-1°35'34
minimum elong	-3809 Jan 24 j 09:41	5°♑45'37	1°35'23
evening rise	-3809 Feb 01 j 06:22	21°♑46'10	
asc. node	-3809 Feb 04 j 13:00	28°♑19'03	
	-3809 Feb 05 j 09:48	0°♒	
evening max el	-3809 Feb 19 j 03:13	20°♒34'42	19°59'01
retrograde	-3809 Mar 01 j 04:57	25°♒21'36	
evening set	-3809 Mar 03 j 12:09	25°♒07'45	
inferior conj	-3809 Mar 12 j 05:22	21°♒07'06	1°47'19
minimum elong	-3809 Mar 12 j 09:35	21°♒00'39	1°45'54
min. Earth dist.	-3809 Mar 14 j 08:39	19°♒49'03	0.55775 AU
desc. node	-3809 Mar 18 j 21:42	17°♒25'18	
morning rise	-3809 Mar 21 j 04:57	16°♒35'42	
direct	-3809 Mar 25 j 04:15	16°♒00'55	
morning max el	-3809 Apr 07 j 23:11	22°♒52'37	23°57'24
	-3809 Apr 14 j 06:26	0°♓	
	-3809 May 01 j 16:22	0°♈	
morning set	-3809 May 02 j 08:06	1°♈22'08	
asc. node	-3809 May 03 j 12:32	3°♈52'11	
superior conj	-3809 May 09 j 09:48	16°♈31'49	0°57'48
minimum elong	-3809 May 09 j 07:32	16°♈19'37	0°57'26
max. Earth dist.	-3809 May 11 j 07:25	20°♈36'12	1.33461 AU
	-3809 May 15 j 19:24	0°♉	
evening rise	-3809 May 16 j 20:38	2°♉07'44	
	-3809 Jun 01 j 10:01	0°♊	
desc. node	-3809 Jun 14 j 20:28	18°♊20'38	
evening max el	-3809 Jun 19 j 05:10	22°♊56'26	27°25'17
	-3809 Jun 30 j 06:02	0°♋	
retrograde	-3809 Jul 02 j 21:30	0°♋19'52	
	-3809 Jul 05 j 10:55	30°℞♊	
evening set	-3809 Jul 10 j 01:25	27°♊40'53	
min. Earth dist.	-3809 Jul 13 j 15:51	24°♊31'02	0.63494 AU
inferior conj	-3809 Jul 16 j 07:21	21°♊48'49	-3°48'29
minimum elong	-3809 Jul 16 j 10:56	21°♊39'38	3°47'38
morning rise	-3809 Jul 22 j 21:20	16°♊32'24	
direct	-3809 Jul 25 j 13:09	15°♊57'51	
asc. node	-3809 Jul 30 j 12:00	17°♊57'15	
morning max el	-3809 Aug 01 j 02:18	19°♊22'25	17°57'44
	-3809 Aug 08 j 22:08	0°♋	
morning set	-3809 Aug 18 j 00:19	15°♋31'40	
	-3809 Aug 26 j 10:19	0°♌	
superior conj	-3809 Aug 30 j 06:35	6°♌25'30	1°09'23
minimum elong	-3809 Aug 30 j 12:22	6°♌49'23	1°08'53
max. Earth dist.	-3809 Sep 05 j 07:37	16°♌16'19	1.43778 AU
desc. node	-3809 Sep 10 j 19:50	25°♌01'02	
	-3809 Sep 14 j 00:26	0°♍	
evening rise	-3809 Sep 15 j 03:44	1°♍45'44	
	-3809 Oct 04 j 01:40	0°♎	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3809 Oct 13 j 17:26	12°♎10'07	20°43'09	
retrograde	-3809 Oct 21 j 21:36	16°♎59'52		
evening set	-3809 Oct 25 j 18:27	15°♎34'03		
asc. node	-3809 Oct 26 j 10:59	15°♎00'40		
inferior conj	-3809 Oct 31 j 04:18	9°♎25'29	1°34'08	
minimum elong	-3809 Oct 31 j 02:15	9°♎32'26	1°33'19	
min. Earth dist.	-3809 Oct 31 j 18:06	8°♎38'34	0.66994 AU	
morning rise	-3809 Nov 05 j 09:54	3°♎10'26		
direct	-3809 Nov 10 j 20:02	0°♎49'33		
morning max el	-3809 Nov 21 j 22:49	7°♎27'09	24°18'13	
desc. node	-3809 Dec 07 j 19:39	27°♎27'03		
	-3809 Dec 09 j 13:58	0°♏		
morning set	-3809 Dec 27 j 18:19	28°♏58'26		
	-3809 Dec 28 j 08:28	0°♐		
max. Earth dist.	-3809 Dec 31 j 13:51	5°♐42'56	1.38045 AU	
superior conj	-3808 Jan 07 j 13:08	18°♐41'15	-1°49'34	
minimum elong	-3808 Jan 07 j 15:23	18°♐52'01	1°49'36	
	-3808 Jan 13 j 08:04	0°♑		
evening rise	-3808 Jan 16 j 05:51	5°♑45'18		
asc. node	-3808 Jan 22 j 10:03	17°♑33'59		
	-3808 Jan 30 j 11:09	0°♒		
evening max el	-3808 Feb 01 j 22:38	2°♒41'29	19°02'22	
retrograde	-3808 Feb 10 j 11:56	6°♒47'28		
evening set	-3808 Feb 12 j 21:19	6°♒29'36		
inferior conj	-3808 Feb 20 j 21:14	2°♒14'37	3°07'54	
minimum elong	-3808 Feb 21 j 01:57	2°♒06'19	3°06'44	
min. Earth dist.	-3808 Feb 24 j 00:00	0°♒04'24	0.57168 AU	
	-3808 Feb 24 j 02:38	30°℞♑		
morning rise	-3808 Feb 29 j 03:56	27°♑12'43		
desc. node	-3808 Mar 04 j 18:49	26°♑09'38		
direct	-3808 Mar 05 j 08:47	26°♑08'50		
	-3808 Mar 15 j 11:45	0°♒		
morning max el	-3808 Mar 19 j 14:15	3°♒28'52	25°32'16	
	-3808 Apr 07 j 11:37	0°♓		
morning set	-3808 Apr 15 j 20:11	16°♓24'26		
asc. node	-3808 Apr 19 j 09:33	24°♓00'32		
	-3808 Apr 22 j 03:35	0°♈		
superior conj	-3808 Apr 22 j 20:15	1°♈30'54	0°35'17	
minimum elong	-3808 Apr 22 j 18:45	1°♈22'44	0°34'58	
max. Earth dist.	-3808 Apr 23 j 17:28	3°♈26'26	1.32847 AU	
evening rise	-3808 Apr 29 j 23:45	16°♈45'30		
	-3808 May 06 j 17:56	0°♉		
	-3808 May 26 j 09:24	0°♊		
evening max el	-3808 May 31 j 11:51	5°♊28'09	27°10'44	
desc. node	-3808 May 31 j 17:33	5°♊41'41		
retrograde	-3808 Jun 14 j 10:02	12°♊50'25		
evening set	-3808 Jun 21 j 09:55	10°♊34'09		
min. Earth dist.	-3808 Jun 25 j 01:20	7°♊46'41	0.61647 AU	
inferior conj	-3808 Jun 28 j 04:55	4°♊55'54	-4°13'49	
minimum elong	-3808 Jun 28 j 07:05	4°♊51'01	4°13'29	
morning rise	-3808 Jul 05 j 05:45	29°♉59'59		
	-3808 Jul 05 j 05:44	30°℞♉		
direct	-3808 Jul 07 j 19:12	29°♉32'07		
	-3808 Jul 10 j 07:29	0°♊		
morning max el	-3808 Jul 14 j 16:16	2°♊58'02	17°59'35	
asc. node	-3808 Jul 16 j 09:02	4°♊47'19		
morning set	-3808 Jul 30 j 18:54	28°♊17'45		
	-3808 Jul 31 j 17:18	0°♋		
superior conj	-3808 Aug 10 j 09:08	17°♋16'59	1°35'16	
minimum elong	-3808 Aug 10 j 13:21	17°♋35'20	1°35'05	
	-3808 Aug 17 j 21:23	0°♌		
max. Earth dist.	-3808 Aug 17 j 18:29	29°♋48'00	1.42323 AU	
evening rise	-3808 Aug 24 j 11:53	10°♌39'51		
desc. node	-3808 Aug 27 j 16:47	15°♌41'10		
	-3808 Sep 06 j 03:48	0°♍		
evening max el	-3808 Sep 25 j 13:09	25°♍35'13	21°56'28	
	-3808 Oct 01 j 00:58	0°♎		
retrograde	-3808 Oct 04 j 17:37	1°♎02'51		
	-3808 Oct 08 j 03:26	30°℞♍		
evening set	-3808 Oct 09 j 02:24	29°♍18'55		
asc. node	-3808 Oct 12 j 08:04	25°♍52'24		
inferior conj	-3808 Oct 14 j 10:15	23°♍03'30	0°42'45	
minimum elong	-3808 Oct 14 j 09:16	23°♍06'53	0°42'22	
min. Earth dist.	-3808 Oct 14 j 13:24	22°♍52'34	0.67357 AU	
morning rise	-3808 Oct 19 j 16:00	16°♍48'43		
direct	-3808 Oct 24 j 10:58	14°♍49'03		
morning max el	-3808 Nov 03 j 09:11	20°♍44'15	22°51'38	
	-3808 Nov 11 j 06:07	0°♎		
desc. node	-3808 Nov 23 j 16:36	17°♎28'25		
	-3808 Dec 01 j 20:40	0°♏		
morning set	-3808 Dec 07 j 13:20	9°♏10'51		
max. Earth dist.	-3808 Dec 12 j 10:02	17°♏20'40	1.40117 AU	
	-3808 Dec 19 j 14:15	0°♐		
superior conj	-3808 Dec 20 j 03:42	1°♐01'10	-1°55'08	
minimum elong	-3808 Dec 20 j 03:40	1°♐00'59	1°55'16	
evening rise	-3808 Dec 29 j 20:20	19°♐12'27		
	-3807 Jan 04 j 15:01	0°♑		
asc. node	-3807 Jan 08 j 07:06	6°♑18'04		
evening max el	-3807 Jan 15 j 02:30	15°♑18'21	18°25'45	
retrograde	-3807 Jan 22 j 13:16	18°♑58'13		
evening set	-3807 Jan 25 j 01:54	18°♑34'12		
inferior conj	-3807 Feb 01 j 09:28	13°♑59'15	3°50'59	
minimum elong	-3807 Feb 01 j 11:52	13°♑54'20	3°50'37	
min. Earth dist.	-3807 Feb 04 j 18:48	11°♑14'28	0.59044 AU	
morning rise	-3807 Feb 08 j 19:40	8°♑32'40		
direct	-3807 Feb 15 j 02:24	6°♑49'49		
desc. node	-3807 Feb 19 j 15:55	7°♑41'56		
morning max el	-3807 Mar 01 j 08:40	14°♑25'01	26°48'04	
	-3807 Mar 13 j 20:51	0°♒		
	-3807 Mar 30 j 15:04	0°♓		
morning set	-3807 Mar 31 j 06:43	1°♓21'16		
asc. node	-3807 Apr 06 j 06:33	14°♓13'29		
superior conj	-3807 Apr 07 j 07:57	16°♓32'33	0°11'04	
minimum elong	-3807 Apr 07 j 07:28	16°♓29'52	0°10'55	
behind sun begin	-3807 Apr 07 j 03:50	16°♓10'00		
behind sun end	-3807 Apr 07 j 11:06	16°♓49'44		
max. Earth dist.	-3807 Apr 07 j 06:34	16°♓24'58	1.32570 AU	
	-3807 Apr 13 j 13:17	0°♈		
evening rise	-3807 Apr 14 j 07:44	1°♈36'54		
	-3807 Apr 29 j 20:07	0°♉		
evening max el	-3807 May 13 j 12:51	17°♉19'15	26°23'44	
desc. node	-3807 May 18 j 14:37	21°♉28'03		
retrograde	-3807 May 27 j 14:49	24°♉37'59		
evening set	-3807 Jun 02 j 22:46	22°♉56'49		
min. Earth dist.	-3807 Jun 07 j 01:58	20°♉15'26	0.59611 AU	
inferior conj	-3807 Jun 10 j 11:02	17°♉35'55	-4°19'20	
minimum elong	-3807 Jun 10 j 10:18	17°♉37'22	4°19'13	
morning rise	-3807 Jun 18 j 00:11	13°♉01'40		
direct	-3807 Jun 20 j 12:27	12°♉39'02		
morning max el	-3807 Jun 28 j 02:29	16°♉17'40	18°20'49	
asc. node	-3807 Jul 03 j 06:04	22°♉36'06		
	-3807 Jul 07 j 19:10	0°♊		
morning set	-3807 Jul 14 j 04:09	11°♊47'56		
superior conj	-3807 Jul 23 j 12:32	29°♊23'18	1°47'23	
minimum elong	-3807 Jul 23 j 14:03	29°♊30'15	1°47'29	
	-3807 Jul 23 j 20:33	0°♋		
max. Earth dist.	-3807 Jul 30 j 23:18	12°♋36'39	1.40496 AU	
evening rise	-3807 Aug 04 j 16:15	20°♋32'10		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3807 Aug 10 j 13:13	0°♌	
desc. node	-3807 Aug 14 j 13:46	6°♌13'55	
	-3807 Aug 31 j 08:45	0°♍	
evening max el	-3807 Sep 08 j 03:35	9°♍01'16	23°16'18
retrograde	-3807 Sep 18 j 10:55	15°♍07'26	
evening set	-3807 Sep 23 j 09:29	13°♍04'08	
inferior conj	-3807 Sep 28 j 16:54	6°♍45'30	-0°10'30
minimum elong	-3807 Sep 28 j 17:09	6°♍44'40	0°10'20
transit middle	-3807 Sep 28 j 17:09	6°♍44'40	0°10'20
transit begin	-3807 Sep 28 j 15:03	6°♍51'53	
transit end	-3807 Sep 28 j 19:14	6°♍37'28	
min. Earth dist.	-3807 Sep 28 j 09:54	7°♍09'34	0.67424 AU
asc. node	-3807 Sep 29 j 05:09	6°♍03'29	
morning rise	-3807 Oct 04 j 00:42	0°♍33'56	
	-3807 Oct 04 j 19:43	30°℞♌	
direct	-3807 Oct 08 j 05:42	28°♌55'30	
	-3807 Oct 11 j 22:16	0°♍	
morning max el	-3807 Oct 17 j 00:17	4°♍06'51	21°28'40
	-3807 Nov 05 j 09:36	0°♎	
desc. node	-3807 Nov 10 j 13:34	7°♎47'27	
morning set	-3807 Nov 17 j 04:14	18°♎03'34	
max. Earth dist.	-3807 Nov 24 j 11:30	29°♎49'42	1.42072 AU
	-3807 Nov 24 j 14:00	0°♏	
superior conj	-3807 Dec 01 j 20:46	12°♏16'45	-1°48'36
minimum elong	-3807 Dec 01 j 17:08	12°♏01'03	1°48'30
	-3807 Dec 11 j 19:54	0°♐	
evening rise	-3807 Dec 12 j 22:22	2°♐00'21	
asc. node	-3807 Dec 26 j 04:08	24°♐22'00	
evening max el	-3807 Dec 29 j 12:05	28°♐17'50	18°09'05
	-3807 Dec 31 j 11:34	0°♑	
retrograde	-3806 Jan 05 j 07:07	1°♑46'16	
evening set	-3806 Jan 07 j 22:55	1°♑14'47	
	-3806 Jan 10 j 06:56	30°℞♐	
inferior conj	-3806 Jan 14 j 16:50	26°♐18'17	4°02'31
minimum elong	-3806 Jan 14 j 16:31	26°♐19'01	4°02'22
min. Earth dist.	-3806 Jan 17 j 19:52	23°♐22'53	0.61064 AU
morning rise	-3806 Jan 21 j 08:46	20°♐34'51	
direct	-3806 Jan 28 j 06:46	18°♐15'50	
desc. node	-3806 Feb 06 j 13:00	21°♐50'07	
morning max el	-3806 Feb 11 j 09:04	25°♐57'57	27°32'54
	-3806 Feb 15 j 04:01	0°♑	
	-3806 Mar 07 j 06:30	0°♒	
morning set	-3806 Mar 15 j 13:50	16°♒05'44	
max. Earth dist.	-3806 Mar 21 j 19:06	29°♒18'59	1.32638 AU
	-3806 Mar 22 j 02:39	0°♓	
superior conj	-3806 Mar 22 j 19:16	1°♓30'34	-0°14'03
minimum elong	-3806 Mar 22 j 19:54	1°♓34'01	0°13'59
behind sun begin	-3806 Mar 22 j 17:32	1°♓21'06	
behind sun end	-3806 Mar 22 j 22:16	1°♓46'57	
asc. node	-3806 Mar 24 j 03:33	4°♓26'48	
evening rise	-3806 Mar 29 j 18:31	16°♓34'19	
	-3806 Apr 05 j 11:46	0°♈	
evening max el	-3806 Apr 25 j 07:57	28°♈30'33	25°09'07
	-3806 Apr 26 j 23:12	0°♉	
desc. node	-3806 May 05 j 11:45	5°♉04'07	
retrograde	-3806 May 09 j 09:15	5°♉39'32	
evening set	-3806 May 14 j 13:50	4°♉37'08	
min. Earth dist.	-3806 May 19 j 20:16	1°♉45'32	0.57646 AU
	-3806 May 22 j 10:20	30°℞♈	
inferior conj	-3806 May 22 j 22:19	29°♈39'21	-3°55'08
minimum elong	-3806 May 22 j 18:01	29°♈46'46	3°54'26
morning rise	-3806 May 31 j 01:09	25°♈25'21	
direct	-3806 Jun 02 j 12:51	25°♈06'50	
morning max el	-3806 Jun 11 j 05:57	29°♈11'30	19°02'17
	-3806 Jun 12 j 01:47	0°♉	
asc. node	-3806 Jun 20 j 03:07	11°♉09'52	
morning set	-3806 Jun 27 j 23:59	25°♉51'36	
	-3806 Jun 30 j 02:17	0°♊	
superior conj	-3806 Jul 06 j 11:04	12°♊28'14	1°48'23
minimum elong	-3806 Jul 06 j 10:20	12°♊24'40	1°48'31
max. Earth dist.	-3806 Jul 13 j 01:11	24°♊46'01	1.38546 AU
	-3806 Jul 15 j 23:44	0°♋	
evening rise	-3806 Jul 16 j 22:52	1°♋40'54	
desc. node	-3806 Aug 01 j 10:46	26°♋34'21	
	-3806 Aug 03 j 18:54	0°♌	
evening max el	-3806 Aug 21 j 15:04	22°♌30'22	24°36'17
retrograde	-3806 Sep 02 j 00:24	29°♌09'54	
evening set	-3806 Sep 07 j 13:56	26°♌47'41	
min. Earth dist.	-3806 Sep 12 j 05:02	21°♌27'48	0.67190 AU
inferior conj	-3806 Sep 12 j 22:32	20°♌29'18	-1°04'02
minimum elong	-3806 Sep 13 j 00:02	20°♌24'16	1°03'19
asc. node	-3806 Sep 16 j 02:16	16°♌32'08	
morning rise	-3806 Sep 18 j 10:07	14°♌24'11	
direct	-3806 Sep 22 j 03:01	13°♌05'08	
morning max el	-3806 Sep 29 j 22:22	17°♌37'42	20°15'29
	-3806 Oct 09 j 15:58	0°♍	
morning set	-3806 Oct 27 j 02:49	26°♍15'23	
desc. node	-3806 Oct 28 j 10:31	28°♍18'24	
	-3806 Oct 29 j 12:37	0°♎	
max. Earth dist.	-3806 Nov 06 j 20:52	13°♎11'01	1.43630 AU
superior conj	-3806 Nov 12 j 11:15	22°♎16'10	-1°26'18
minimum elong	-3806 Nov 12 j 04:29	21°♎48'20	1°25'43
	-3806 Nov 17 j 02:58	0°♏	
evening rise	-3806 Nov 25 j 07:39	14°♏00'22	
	-3806 Dec 04 j 16:18	0°♐	
evening max el	-3806 Dec 13 j 00:29	11°♐32'05	18°11'51
asc. node	-3806 Dec 13 j 01:13	11°♐33'54	
retrograde	-3806 Dec 19 j 13:33	15°♐01'46	
evening set	-3806 Dec 22 j 08:48	14°♐21'48	
inferior conj	-3806 Dec 28 j 15:51	9°♐04'33	3°51'18
minimum elong	-3806 Dec 28 j 13:39	9°♐10'23	3°50'53
min. Earth dist.	-3806 Dec 31 j 05:49	6°♐20'27	0.62943 AU
morning rise	-3805 Jan 03 j 17:45	3°♐09'17	
direct	-3805 Jan 10 j 19:26	0°♐26'40	
desc. node	-3805 Jan 24 j 10:06	7°♐58'46	
morning max el	-3805 Jan 24 j 15:03	8°♐10'54	27°41'45
	-3805 Feb 10 j 12:16	0°♑	
	-3805 Feb 27 j 09:17	0°♒	
morning set	-3805 Feb 27 j 15:18	0°♒30'13	
max. Earth dist.	-3805 Mar 05 j 03:18	11°♒55'22	1.33073 AU
superior conj	-3805 Mar 07 j 04:30	16°♒19'04	-0°39'07
minimum elong	-3805 Mar 07 j 06:15	16°♒28'26	0°38'52
asc. node	-3805 Mar 11 j 00:34	24°♒36'29	
	-3805 Mar 13 j 13:00	0°♓	
evening rise	-3805 Mar 14 j 06:14	1°♓31'03	
	-3805 Mar 30 j 03:59	0°♈	
evening max el	-3805 Apr 06 j 23:56	9°♈16'42	23°37'55
retrograde	-3805 Apr 20 j 15:05	16°♈03'35	
desc. node	-3805 Apr 22 j 08:53	15°♈56'48	
evening set	-3805 Apr 24 j 11:32	15°♈30'58	
min. Earth dist.	-3805 May 01 j 11:08	12°♈16'51	0.56084 AU
inferior conj	-3805 May 03 j 13:38	11°♈00'59	-2°51'58
minimum elong	-3805 May 03 j 07:38	11°♈10'02	2°50'21
morning rise	-3805 May 12 j 06:31	7°♈01'27	
direct	-3805 May 14 j 18:38	6°♈45'37	
morning max el	-3805 May 25 j 00:07	11°♈30'36	20°04'12
	-3805 Jun 06 j 20:19	0°♉	
asc. node	-3805 Jun 07 j 00:11	0°♉17'57	
morning set	-3805 Jun 12 j 03:16	10°♉20'39	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3805 Jun 19 j 23:31	26°♉17'22	1°41'03
minimum elong	-3805 Jun 19 j 21:24	26°♉06'47	1°41'02
	-3805 Jun 21 j 20:17	0°♊	
max. Earth dist.	-3805 Jun 25 j 05:39	6°♊35'04	1.36712 AU
evening rise	-3805 Jun 29 j 05:06	14°♊00'27	
	-3805 Jul 08 j 11:12	0°♋	
desc. node	-3805 Jul 19 j 07:46	16°♋36'35	
	-3805 Jul 29 j 12:44	0°♌	
evening max el	-3805 Aug 04 j 01:53	6°♌02'03	25°48'37
retrograde	-3805 Aug 16 j 09:22	13°♌06'03	
evening set	-3805 Aug 22 j 13:47	10°♌27'56	
min. Earth dist.	-3805 Aug 26 j 20:23	5°♌45'22	0.66632 AU
inferior conj	-3805 Aug 28 j 01:21	4°♌13'03	-1°56'11
minimum elong	-3805 Aug 28 j 04:01	4°♌04'33	1°55'03
	-3805 Aug 31 j 16:01	30°℞♋	
morning rise	-3805 Sep 02 j 18:22	28°♋17'35	
asc. node	-3805 Sep 02 j 23:24	28°♋09'51	
direct	-3805 Sep 06 j 01:17	27°♋15'05	
	-3805 Sep 11 j 19:12	0°♌	
morning max el	-3805 Sep 13 j 03:40	1°♌17'20	19°15'51
	-3805 Oct 03 j 05:09	0°♍	
morning set	-3805 Oct 06 j 08:21	4°♍54'11	
desc. node	-3805 Oct 15 j 07:27	18°♍57'07	
max. Earth dist.	-3805 Oct 20 j 12:19	27°♍08'51	1.44588 AU
	-3805 Oct 22 j 07:33	0°♎	
superior conj	-3805 Oct 22 j 23:31	1°♎03'18	-0°47'28
minimum elong	-3805 Oct 22 j 17:48	0°♎40'39	0°46'47
evening rise	-3805 Nov 06 j 19:33	25°♎03'04	
	-3805 Nov 09 j 19:32	0°♏	
evening max el	-3805 Nov 26 j 12:51	24°♏53'57	18°33'07
asc. node	-3805 Nov 29 j 22:19	27°♏38'52	
retrograde	-3805 Dec 03 j 04:13	28°♏35'30	
evening set	-3805 Dec 06 j 04:04	27°♏45'39	
inferior conj	-3805 Dec 12 j 02:40	22°♏10'00	3°24'25
minimum elong	-3805 Dec 11 j 23:37	22°♏18'57	3°23'38
min. Earth dist.	-3805 Dec 14 j 01:47	19°♏51'52	0.64526 AU
morning rise	-3805 Dec 17 j 18:45	16°♏05'52	
direct	-3805 Dec 24 j 15:01	13°♏14'42	
morning max el	-3804 Jan 07 j 00:15	20°♏55'20	27°15'50
desc. node	-3804 Jan 11 j 07:09	25°♏33'16	
	-3804 Jan 14 j 22:32	0°♐	
	-3804 Feb 03 j 13:59	0°♑	
morning set	-3804 Feb 11 j 08:09	14°♑23'57	
max. Earth dist.	-3804 Feb 16 j 03:11	24°♑00'56	1.33914 AU
superior conj	-3804 Feb 19 j 09:41	0°♒50'17	-1°03'10
minimum elong	-3804 Feb 19 j 12:20	1°♒04'20	1°02'51
	-3804 Feb 19 j 00:08	0°♒	
asc. node	-3804 Feb 25 j 21:35	14°♒37'25	
evening rise	-3804 Feb 26 j 17:03	16°♒19'24	
	-3804 Mar 04 j 14:52	0°♓	
evening max el	-3804 Mar 18 j 18:31	20°♓02'29	22°04'16
retrograde	-3804 Mar 31 j 09:21	26°♓10'11	
evening set	-3804 Apr 03 j 04:22	25°♓52'52	
desc. node	-3804 Apr 08 j 06:03	24°♓04'39	
min. Earth dist.	-3804 Apr 12 j 00:59	22°♓03'16	0.55239 AU
inferior conj	-3804 Apr 12 j 13:10	21°♓46'05	-1°10'59
minimum elong	-3804 Apr 12 j 09:56	21°♓50'39	1°09'55
morning rise	-3804 Apr 21 j 16:48	17°♓47'46	
direct	-3804 Apr 24 j 09:34	17°♓31'25	
morning max el	-3804 May 06 j 07:28	23°♓08'04	21°25'10
	-3804 May 12 j 06:45	0°♈	
asc. node	-3804 May 23 j 21:12	19°♈50'52	
morning set	-3804 May 26 j 11:26	25°♈06'59	
	-3804 May 28 j 19:46	0°♉	

superior conj	-3804 Jun 02 j 21:41	10°♉37'38	1°27'35
minimum elong	-3804 Jun 02 j 19:01	10°♉23'52	1°27'22
max. Earth dist.	-3804 Jun 06 j 17:41	18°♉27'40	1.35159 AU
evening rise	-3804 Jun 11 j 05:35	27°♉15'52	
	-3804 Jun 12 j 16:20	0°♊	
	-3804 Jun 30 j 18:16	0°♋	
desc. node	-3804 Jul 05 j 04:50	6°♋12'23	
evening max el	-3804 Jul 16 j 13:05	19°♋31'10	26°45'23
retrograde	-3804 Jul 29 j 13:31	26°♋49'43	
evening set	-3804 Aug 05 j 06:49	24°♋02'23	
min. Earth dist.	-3804 Aug 09 j 05:36	19°♋58'14	0.65709 AU
inferior conj	-3804 Aug 10 j 23:23	17°♋53'57	-2°44'59
minimum elong	-3804 Aug 11 j 02:55	17°♋43'25	2°43'42
morning rise	-3804 Aug 16 j 23:22	12°♋11'19	
direct	-3804 Aug 19 j 22:36	11°♋22'06	
asc. node	-3804 Aug 19 j 20:31	11°♋22'09	
morning max el	-3804 Aug 26 j 14:39	15°♋03'10	18°31'58
	-3804 Sep 06 j 10:22	0°♌	
morning set	-3804 Sep 15 j 14:04	14°♌45'43	
	-3804 Sep 25 j 01:43	0°♍	
superior conj	-3804 Sep 30 j 23:03	9°♍19'37	0°01'26
minimum elong	-3804 Sep 30 j 23:15	9°♍20'25	0°01'28
behind sun begin	-3804 Sep 30 j 11:57	8°♍35'47	
behind sun end	-3804 Oct 01 j 10:33	10°♍05'00	
desc. node	-3804 Oct 01 j 04:25	9°♍40'47	
max. Earth dist.	-3804 Oct 02 j 06:22	11°♍23'04	1.44833 AU
	-3804 Oct 14 j 02:08	0°♎	
evening rise	-3804 Oct 17 j 06:48	5°♎02'41	
greatest brilliancy	-3804 Oct 26 j 09:47	19°♎26'06	-0.8m
	-3804 Nov 02 j 09:16	0°♏	
evening max el	-3804 Nov 08 j 22:44	8°♏19'43	19°11'41
retrograde	-3804 Nov 15 j 23:33	12°♏21'58	
asc. node	-3804 Nov 15 j 19:26	12°♏21'48	
evening set	-3804 Nov 19 j 05:46	11°♏20'16	
inferior conj	-3804 Nov 24 j 22:02	5°♏29'18	2°46'54
minimum elong	-3804 Nov 24 j 18:57	5°♏39'03	2°45'54
min. Earth dist.	-3804 Nov 26 j 07:06	3°♏44'39	0.65758 AU
	-3804 Nov 29 j 14:07	30°℞♎	
morning rise	-3804 Nov 30 j 07:51	29°♎18'49	
direct	-3804 Dec 06 j 16:58	26°♎32'19	
	-3804 Dec 14 j 22:04	0°♏	
morning max el	-3804 Dec 19 j 10:01	3°♏59'16	26°21'06
desc. node	-3804 Dec 28 j 04:09	14°♏08'33	
	-3803 Jan 08 j 07:53	0°♐	
morning set	-3803 Jan 24 j 12:32	27°♐35'21	
	-3803 Jan 25 j 19:10	0°♑	
max. Earth dist.	-3803 Jan 28 j 15:36	5°♑30'42	1.35196 AU
superior conj	-3803 Feb 02 j 08:31	14°♑57'27	-1°24'51
minimum elong	-3803 Feb 02 j 11:41	15°♑13'38	1°24'35
	-3803 Feb 09 j 14:45	0°♒	
evening rise	-3803 Feb 10 j 01:07	0°♒53'23	
asc. node	-3803 Feb 11 j 18:36	4°♒24'57	
	-3803 Feb 27 j 16:14	0°♓	
evening max el	-3803 Feb 28 j 21:31	1°♓13'18	20°40'11
retrograde	-3803 Mar 11 j 23:10	6°♓29'34	
evening set	-3803 Mar 14 j 06:59	6°♓16'32	
inferior conj	-3803 Mar 23 j 08:44	2°♓18'38	0°45'51
minimum elong	-3803 Mar 23 j 10:46	2°♓15'40	0°45'03
min. Earth dist.	-3803 Mar 24 j 15:10	1°♓34'34	0.55311 AU
desc. node	-3803 Mar 26 j 03:11	0°♓43'44	
	-3803 Mar 27 j 12:08	30°℞♒	
morning rise	-3803 Apr 01 j 13:23	28°♒02'49	
direct	-3803 Apr 04 j 21:48	27°♒38'22	
	-3803 Apr 12 j 20:31	0°♓	
morning max el	-3803 Apr 18 j 04:53	4°♓06'57	23°00'06

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3803 May 05 j 22:28	0°♈	
morning set	-3803 May 10 j 22:28	10°♈04'12	
asc. node	-3803 May 10 j 18:11	9°♈41'50	
superior conj	-3803 May 18 j 02:25	25°♈19'13	1°09'40
minimum elong	-3803 May 17 j 23:52	25°♈05'38	1°09'18
	-3803 May 20 j 07:32	0°♉	
max. Earth dist.	-3803 May 20 j 15:33	0°♉42'01	1.33972 AU
evening rise	-3803 May 25 j 19:22	11°♉12'53	
	-3803 Jun 05 j 00:15	0°♊	
desc. node	-3803 Jun 22 j 01:56	25°♊09'57	
	-3803 Jun 26 j 06:23	0°♋	
evening max el	-3803 Jun 29 j 00:12	2°♋48'03	27°18'59
retrograde	-3803 Jul 12 j 12:17	10°♋12'06	
evening set	-3803 Jul 19 j 14:07	7°♋26'15	
min. Earth dist.	-3803 Jul 23 j 06:40	3°♋58'18	0.64405 AU
inferior conj	-3803 Jul 25 j 14:14	1°♋27'09	-3°27'54
minimum elong	-3803 Jul 25 j 18:04	1°♋16'43	3°26'48
	-3803 Jul 26 j 22:47	30°℞♊	
morning rise	-3803 Jul 31 j 22:42	26°♊00'17	
direct	-3803 Aug 03 j 16:29	25°♊21'16	
asc. node	-3803 Aug 06 j 17:35	26°♊09'10	
morning max el	-3803 Aug 10 j 04:52	28°♊49'42	18°05'03
	-3803 Aug 11 j 07:14	0°♋	
morning set	-3803 Aug 27 j 23:02	25°♋55'31	
	-3803 Aug 30 j 08:52	0°♌	
superior conj	-3803 Sep 10 j 08:27	18°♌08'41	0°47'51
minimum elong	-3803 Sep 10 j 13:32	18°♌29'12	0°47'20
max. Earth dist.	-3803 Sep 14 j 23:34	25°♌33'44	1.44355 AU
	-3803 Sep 17 j 18:52	0°♍	
desc. node	-3803 Sep 18 j 01:19	0°♍25'27	
evening rise	-3803 Sep 26 j 19:44	14°♍05'46	
	-3803 Oct 07 j 04:59	0°♎	
greatest brilliancy	-3803 Oct 10 j 12:17	4°♎57'01	-0.6m
evening max el	-3803 Oct 23 j 04:01	21°♎46'11	20°05'54
retrograde	-3803 Oct 30 j 20:39	26°♎16'45	
asc. node	-3803 Nov 02 j 16:32	25°♎30'20	
evening set	-3803 Nov 03 j 11:27	25°♎00'38	
inferior conj	-3803 Nov 08 j 23:11	18°♎57'41	2°02'09
minimum elong	-3803 Nov 08 j 20:39	19°♎06'09	2°01'12
min. Earth dist.	-3803 Nov 09 j 19:41	17°♎49'23	0.66642 AU
morning rise	-3803 Nov 14 j 05:37	12°♎43'28	
direct	-3803 Nov 20 j 00:34	10°♎11'15	
morning max el	-3803 Dec 01 j 18:46	17°♎10'39	25°06'16
	-3803 Dec 12 j 12:36	0°♏	
desc. node	-3803 Dec 15 j 01:08	3°♏26'22	
	-3802 Jan 01 j 07:34	0°♐	
morning set	-3802 Jan 06 j 23:19	9°♐48'58	
max. Earth dist.	-3802 Jan 10 j 16:35	16°♐35'48	1.36908 AU
superior conj	-3802 Jan 16 j 22:04	28°♐31'38	-1°42'21
minimum elong	-3802 Jan 17 j 00:58	28°♐45'55	1°42'16
	-3802 Jan 17 j 15:58	0°♑	
evening rise	-3802 Jan 25 j 04:21	15°♑06'21	
asc. node	-3802 Jan 29 j 15:38	23°♑53'20	
	-3802 Feb 02 j 00:03	0°♒	
evening max el	-3802 Feb 11 j 11:11	12°♒59'50	19°32'38
retrograde	-3802 Feb 20 j 20:30	17°♒27'21	
evening set	-3802 Feb 23 j 04:12	17°♒12'15	
inferior conj	-3802 Mar 03 j 14:15	13°♒07'04	2°26'02
minimum elong	-3802 Mar 03 j 19:11	12°♒59'07	2°24'33
min. Earth dist.	-3802 Mar 06 j 05:53	11°♒25'00	0.56282 AU
morning rise	-3802 Mar 12 j 07:32	8°♒22'18	
desc. node	-3802 Mar 13 j 00:16	8°♒09'25	
direct	-3802 Mar 16 j 19:20	7°♒36'37	
morning max el	-3802 Mar 30 j 20:17	14°♒43'07	24°39'06

	-3802 Apr 11 j 21:23	0°♓	
morning set	-3802 Apr 25 j 10:40	25°♓06'38	
asc. node	-3802 Apr 27 j 15:10	29°♓45'30	
	-3802 Apr 27 j 17:53	0°♈	
superior conj	-3802 May 02 j 11:22	10°♈14'19	0°48'32
minimum elong	-3802 May 02 j 09:23	10°♈03'35	0°48'10
max. Earth dist.	-3802 May 03 j 22:03	13°♈21'41	1.33155 AU
evening rise	-3802 May 09 j 18:33	25°♈39'28	
	-3802 May 11 j 22:34	0°♉	
	-3802 May 29 j 11:49	0°♊	
desc. node	-3802 Jun 08 j 23:01	13°♊13'15	
evening max el	-3802 Jun 11 j 09:27	15°♊41'10	27°23'13
retrograde	-3802 Jun 25 j 04:55	23°♊04'32	
evening set	-3802 Jul 02 j 08:10	20°♊33'45	
min. Earth dist.	-3802 Jul 05 j 22:10	17°♊34'46	0.62741 AU
inferior conj	-3802 Jul 08 j 19:08	14°♊46'56	-4°01'10
minimum elong	-3802 Jul 08 j 22:17	14°♊39'15	4°00'33
morning rise	-3802 Jul 15 j 13:32	9°♊38'44	
direct	-3802 Jul 18 j 04:04	9°♊07'17	
asc. node	-3802 Jul 24 j 14:37	12°♊19'14	
morning max el	-3802 Jul 24 j 19:42	12°♊31'34	17°56'07
	-3802 Aug 05 j 15:52	0°♋	
morning set	-3802 Aug 10 j 07:03	8°♋11'43	
superior conj	-3802 Aug 21 j 19:02	28°♋13'00	1°22'10
minimum elong	-3802 Aug 22 j 00:28	28°♋35'54	1°21'46
	-3802 Aug 22 j 20:28	0°♌	
max. Earth dist.	-3802 Aug 28 j 13:26	9°♌24'52	1.43226 AU
desc. node	-3802 Sep 04 j 22:18	21°♌08'42	
evening rise	-3802 Sep 05 j 23:57	22°♌48'44	
	-3802 Sep 10 j 15:54	0°♍	
	-3802 Oct 01 j 14:32	0°♎	
evening max el	-3802 Oct 06 j 03:28	5°♎12'40	21°13'13
retrograde	-3802 Oct 14 j 17:28	10°♎17'44	
evening set	-3802 Oct 18 j 19:07	8°♎44'36	
asc. node	-3802 Oct 20 j 13:37	7°♎06'13	
inferior conj	-3802 Oct 24 j 03:57	2°♎32'57	1°12'40
minimum elong	-3802 Oct 24 j 02:20	2°♎38'30	1°12'01
min. Earth dist.	-3802 Oct 24 j 13:13	2°♎01'12	0.67195 AU
	-3802 Oct 26 j 01:16	30°℞♍	
morning rise	-3802 Oct 29 j 09:23	26°♍17'41	
direct	-3802 Nov 03 j 13:07	24°♍05'22	
	-3802 Nov 13 j 17:32	0°♎	
morning max el	-3802 Nov 14 j 03:36	0°♎25'11	23°41'16
desc. node	-3802 Dec 01 j 22:06	23°♎14'43	
	-3802 Dec 06 j 11:04	0°♏	
morning set	-3802 Dec 19 j 10:21	20°♏48'51	
max. Earth dist.	-3802 Dec 23 j 12:16	27°♏51'57	1.38925 AU
	-3802 Dec 24 j 17:12	0°♐	
superior conj	-3802 Dec 30 j 22:27	11°♐22'39	-1°53'11
minimum elong	-3802 Dec 30 j 23:54	11°♐29'31	1°53'17
evening rise	-3801 Jan 09 j 00:20	28°♐52'18	
	-3801 Jan 09 j 14:16	0°♑	
asc. node	-3801 Jan 16 j 12:40	12°♑55'52	
evening max el	-3801 Jan 25 j 10:32	25°♑20'16	18°44'22
retrograde	-3801 Feb 02 j 10:54	29°♑12'52	
evening set	-3801 Feb 04 j 21:53	28°♑52'25	
inferior conj	-3801 Feb 12 j 14:32	24°♑29'24	3°30'36
minimum elong	-3801 Feb 12 j 18:28	24°♑22'03	3°29'48
min. Earth dist.	-3801 Feb 15 j 22:08	22°♑01'51	0.57927 AU
morning rise	-3801 Feb 20 j 12:34	19°♑16'25	
direct	-3801 Feb 26 j 05:41	17°♑56'21	
desc. node	-3801 Feb 27 j 21:22	18°♑03'04	
morning max el	-3801 Mar 12 j 11:55	25°♑23'37	26°07'47
	-3801 Mar 16 j 18:53	0°♒	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3801 Apr 04 j 22:06	0°♓	
morning set	-3801 Apr 09 j 22:18	10°♓07'19	
asc. node	-3801 Apr 14 j 12:10	19°♓56'19	
superior conj	-3801 Apr 16 j 22:32	25°♓15'11	0°25'11
minimum elong	-3801 Apr 16 j 21:26	25°♓09'13	0°24'56
max. Earth dist.	-3801 Apr 17 j 09:57	26°♓17'39	1.32687 AU
	-3801 Apr 19 j 02:45	0°♈	
evening rise	-3801 Apr 24 j 00:02	10°♈24'20	
	-3801 May 04 j 05:38	0°♉	
evening max el	-3801 May 24 j 14:11	27°♉57'28	26°54'41
desc. node	-3801 May 26 j 20:07	29°♉58'31	
	-3801 May 26 j 20:49	0°♊	
retrograde	-3801 Jun 07 j 14:06	5°♊17'40	
evening set	-3801 Jun 14 j 08:45	3°♊15'27	
min. Earth dist.	-3801 Jun 18 j 03:42	0°♊32'37	0.60797 AU
	-3801 Jun 18 j 19:27	30°℞♉	
inferior conj	-3801 Jun 21 j 10:38	27°♉44'17	-4°19'07
minimum elong	-3801 Jun 21 j 11:44	27°♉41'55	4°18'57
morning rise	-3801 Jun 28 j 16:28	22°♉57'11	
direct	-3801 Jul 01 j 05:25	22°♉31'33	
morning max el	-3801 Jul 08 j 08:22	26°♉01'19	18°06'07
asc. node	-3801 Jul 11 j 11:40	29°♉36'09	
	-3801 Jul 11 j 18:53	0°♊	
morning set	-3801 Jul 24 j 08:29	21°♊18'34	
	-3801 Jul 29 j 01:02	0°♋	
superior conj	-3801 Aug 03 j 08:47	9°♋38'06	1°41'56
minimum elong	-3801 Aug 03 j 11:52	9°♋51'49	1°41'55
max. Earth dist.	-3801 Aug 10 j 22:11	22°♋41'14	1.41589 AU
	-3801 Aug 15 j 08:35	0°♌	
evening rise	-3801 Aug 16 j 15:14	2°♌03'45	
desc. node	-3801 Aug 22 j 19:17	11°♌46'31	
	-3801 Sep 04 j 02:44	0°♍	
evening max el	-3801 Sep 18 j 20:53	18°♍38'41	22°29'57
retrograde	-3801 Sep 28 j 12:23	24°♍22'15	
evening set	-3801 Oct 03 j 02:57	22°♍30'02	
asc. node	-3801 Oct 07 j 10:42	17°♍34'32	
inferior conj	-3801 Oct 08 j 10:26	16°♍13'00	0°20'19
minimum elong	-3801 Oct 08 j 09:58	16°♍14'38	0°20'09
min. Earth dist.	-3801 Oct 08 j 09:14	16°♍17'09	0.67430 AU
morning rise	-3801 Oct 13 j 16:52	9°♍59'29	
direct	-3801 Oct 18 j 05:46	8°♍08'58	
morning max el	-3801 Oct 27 j 15:39	13°♍44'31	22°15'28
	-3801 Nov 09 j 14:23	0°♎	
desc. node	-3801 Nov 18 j 19:05	13°♎24'50	
	-3801 Nov 29 j 10:38	0°♏	
morning set	-3801 Nov 29 j 17:01	0°♏25'47	
max. Earth dist.	-3801 Dec 05 j 10:49	9°♏53'18	1.40986 AU
superior conj	-3801 Dec 13 j 04:39	23°♏17'40	-1°54'05
minimum elong	-3801 Dec 13 j 03:11	23°♏11'11	1°54'10
	-3801 Dec 16 j 21:48	0°♐	
evening rise	-3801 Dec 23 j 10:03	12°♐04'29	
	-3800 Jan 02 j 11:51	0°♑	
asc. node	-3800 Jan 03 j 09:43	1°♑24'30	
evening max el	-3800 Jan 08 j 17:12	8°♑08'04	18°16'12
retrograde	-3800 Jan 15 j 19:56	11°♑41'32	
evening set	-3800 Jan 18 j 09:58	11°♑14'21	
inferior conj	-3800 Jan 25 j 11:19	6°♑29'54	3°59'15
minimum elong	-3800 Jan 25 j 12:31	6°♑27'17	3°59'02
min. Earth dist.	-3800 Jan 28 j 19:00	3°♑37'56	0.59903 AU
morning rise	-3800 Feb 01 j 13:18	0°♑55'24	
	-3800 Feb 03 j 08:15	30°℞♐	
direct	-3800 Feb 08 j 03:53	28°♐56'32	
	-3800 Feb 13 j 03:32	0°♑	
desc. node	-3800 Feb 14 j 18:28	0°♑45'53	
morning max el	-3800 Feb 22 j 08:52	6°♑34'40	27°11'33
	-3800 Mar 10 j 22:32	0°♒	
morning set	-3800 Mar 24 j 07:38	24°♒59'57	
	-3800 Mar 26 j 16:38	0°♓	
superior conj	-3800 Mar 31 j 10:15	10°♓15'52	0°00'28
minimum elong	-3800 Mar 31 j 10:14	10°♓15'47	0°00'25
behind sun begin	-3800 Mar 31 j 05:14	9°♓48'25	
behind sun end	-3800 Mar 31 j 15:14	10°♓43'09	
max. Earth dist.	-3800 Mar 30 j 23:29	9°♓16'54	1.32557 AU
asc. node	-3800 Mar 31 j 09:11	10°♓09'58	
evening rise	-3800 Apr 07 j 09:28	25°♓19'13	
	-3800 Apr 09 j 15:47	0°♈	
	-3800 Apr 27 j 07:18	0°♉	
evening max el	-3800 May 05 j 12:29	9°♉30'19	25°54'48
desc. node	-3800 May 12 j 17:13	14°♉54'13	
retrograde	-3800 May 19 j 14:27	16°♉45'40	
evening set	-3800 May 25 j 12:17	15°♉21'01	
min. Earth dist.	-3800 May 30 j 00:57	12°♉37'25	0.58754 AU
inferior conj	-3800 Jun 02 j 09:03	10°♉09'29	-4°13'21
minimum elong	-3800 Jun 02 j 06:46	10°♉13'43	4°13'05
morning rise	-3800 Jun 10 j 03:53	5°♉44'25	
direct	-3800 Jun 12 j 16:03	5°♉23'34	
morning max el	-3800 Jun 20 j 16:02	9°♉10'59	18°35'58
asc. node	-3800 Jun 27 j 08:44	17°♉45'26	
	-3800 Jul 04 j 07:12	0°♊	
morning set	-3800 Jul 06 j 22:40	5°♊04'10	
superior conj	-3800 Jul 15 j 21:03	22°♊11'35	1°48'59
minimum elong	-3800 Jul 15 j 21:31	22°♊13'45	1°49'08
	-3800 Jul 20 j 03:03	0°♋	
max. Earth dist.	-3800 Jul 23 j 01:33	5°♋13'21	1.39670 AU
evening rise	-3800 Jul 27 j 06:37	12°♋27'46	
	-3800 Aug 07 j 04:47	0°♌	
desc. node	-3800 Aug 08 j 16:16	2°♌14'49	
	-3800 Aug 29 j 09:36	0°♍	
evening max el	-3800 Aug 31 j 09:38	2°♍05'28	23°50'40
retrograde	-3800 Sep 11 j 04:12	8°♍26'48	
evening set	-3800 Sep 16 j 09:10	6°♍14'57	
min. Earth dist.	-3800 Sep 21 j 05:23	0°♍35'00	0.67365 AU
inferior conj	-3800 Sep 21 j 16:52	29°♌55'54	-0°33'17
minimum elong	-3800 Sep 21 j 17:39	29°♌53'15	0°32'53
	-3800 Sep 21 j 15:40	30°℞♌	
asc. node	-3800 Sep 23 j 07:50	27°♌45'39	
morning rise	-3800 Sep 27 j 02:06	23°♌46'56	
direct	-3800 Oct 01 j 01:39	22°♌17'17	
morning max el	-3800 Oct 09 j 09:44	27°♌11'08	20°56'04
	-3800 Oct 11 j 23:10	0°♍	
	-3800 Nov 02 j 04:09	0°♎	
desc. node	-3800 Nov 04 j 16:02	3°♎49'32	
morning set	-3800 Nov 07 j 22:39	8°♎54'16	
max. Earth dist.	-3800 Nov 16 j 15:55	22°♎46'52	1.42797 AU
	-3800 Nov 21 j 01:14	0°♏	
superior conj	-3800 Nov 23 j 10:49	4°♏01'23	-1°41'13
minimum elong	-3800 Nov 23 j 05:35	3°♏39'20	1°40'55
evening rise	-3800 Dec 05 j 05:33	24°♏33'30	
	-3800 Dec 08 j 06:51	0°♐	
asc. node	-3800 Dec 20 j 06:48	19°♐08'01	
evening max el	-3800 Dec 22 j 04:16	21°♐14'18	18°07'53
retrograde	-3800 Dec 28 j 19:52	24°♐42'17	
evening set	-3800 Dec 31 j 12:55	24°♐07'27	
inferior conj	-3799 Jan 07 j 01:52	19°♐01'46	4°00'04
minimum elong	-3799 Jan 07 j 00:37	19°♐04'51	3°59'50
min. Earth dist.	-3799 Jan 09 j 23:45	16°♐08'47	0.61889 AU
morning rise	-3799 Jan 13 j 11:14	13°♐12'29	
direct	-3799 Jan 20 j 11:53	10°♐41'42	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3799 Jan 31 j 15:33	15°♐49'43	
morning max el	-3799 Feb 03 j 12:06	18°♐25'52	27°41'10
	-3799 Feb 13 j 07:12	0°♑	
	-3799 Mar 03 j 15:44	0°♒	
morning set	-3799 Mar 08 j 12:39	9°♒36'47	
max. Earth dist.	-3799 Mar 14 j 10:38	22°♒04'39	1.32774 AU
superior conj	-3799 Mar 15 j 20:53	25°♒10'07	-0°24'45
minimum elong	-3799 Mar 15 j 22:00	25°♒16'10	0°24'36
asc. node	-3799 Mar 18 j 06:12	0°♓22'00	
	-3799 Mar 18 j 02:10	0°♓	
evening rise	-3799 Mar 22 j 20:50	10°♓16'32	
	-3799 Apr 02 j 02:06	0°♈	
evening max el	-3799 Apr 17 j 05:22	20°♈26'50	24°31'28
desc. node	-3799 Apr 29 j 14:20	27°♈23'37	
retrograde	-3799 May 01 j 04:05	27°♈29'20	
evening set	-3799 May 05 j 18:55	26°♈41'07	
min. Earth dist.	-3799 May 11 j 17:19	23°♈41'14	0.56905 AU
inferior conj	-3799 May 14 j 11:38	21°♈54'34	-3°33'28
minimum elong	-3799 May 14 j 06:10	22°♈03'24	3°32'18
morning rise	-3799 May 22 j 20:35	17°♈48'13	
direct	-3799 May 25 j 08:06	17°♈31'13	
morning max el	-3799 Jun 03 j 15:54	21°♈51'16	19°26'17
	-3799 Jun 10 j 06:15	0°♉	
asc. node	-3799 Jun 14 j 05:48	6°♉34'52	
morning set	-3799 Jun 20 j 22:00	19°♉19'26	
	-3799 Jun 26 j 05:53	0°♊	
superior conj	-3799 Jun 29 j 02:07	5°♊37'23	1°46'09
minimum elong	-3799 Jun 29 j 00:41	5°♊30'22	1°46'15
max. Earth dist.	-3799 Jul 05 j 03:21	17°♊09'24	1.37731 AU
evening rise	-3799 Jul 08 j 23:51	24°♊08'15	
	-3799 Jul 12 j 08:38	0°♋	
desc. node	-3799 Jul 26 j 13:18	22°♋28'45	
	-3799 Jul 31 j 20:58	0°♌	
evening max el	-3799 Aug 13 j 20:26	15°♌35'50	25°08'25
retrograde	-3799 Aug 25 j 16:03	22°♌27'53	
evening set	-3799 Aug 31 j 11:57	19°♌58'14	
min. Earth dist.	-3799 Sep 04 j 23:16	14°♌53'54	0.66990 AU
inferior conj	-3799 Sep 05 j 21:33	13°♌40'38	-1°26'26
minimum elong	-3799 Sep 05 j 23:34	13°♌34'00	1°25'31
asc. node	-3799 Sep 10 j 04:57	8°♌39'17	
morning rise	-3799 Sep 11 j 11:16	7°♌39'12	
direct	-3799 Sep 14 j 23:32	6°♌27'46	
morning max el	-3799 Sep 22 j 11:04	10°♌46'46	19°48'16
	-3799 Oct 06 j 16:44	0°♍	
morning set	-3799 Oct 17 j 21:17	17°♍09'50	
desc. node	-3799 Oct 22 j 12:59	24°♍24'34	
	-3799 Oct 26 j 02:32	0°♎	
max. Earth dist.	-3799 Oct 30 j 03:44	6°♎24'31	1.44119 AU
superior conj	-3799 Nov 03 j 13:31	13°♎28'12	-1°11'40
minimum elong	-3799 Nov 03 j 06:28	12°♎59'47	1°10'57
	-3799 Nov 13 j 14:32	0°♏	
evening rise	-3799 Nov 17 j 06:21	6°♏10'27	
	-3799 Dec 01 j 22:55	0°♐	
evening max el	-3799 Dec 05 j 16:59	4°♐32'31	18°18'40
asc. node	-3799 Dec 07 j 03:54	5°♐53'26	
retrograde	-3799 Dec 12 j 06:12	8°♐06'08	
evening set	-3799 Dec 15 j 03:09	7°♐22'20	
inferior conj	-3799 Dec 21 j 06:21	1°♐57'10	3°41'25
minimum elong	-3799 Dec 21 j 03:41	2°♐04'37	3°40'50
	-3799 Dec 23 j 00:23	30°℞♏	
min. Earth dist.	-3799 Dec 23 j 14:09	29°♏22'24	0.63663 AU
morning rise	-3799 Dec 27 j 03:35	25°♏57'37	
direct	-3798 Jan 03 j 03:55	23°♏09'11	
	-3798 Jan 15 j 21:38	0°♐	
morning max el	-3798 Jan 16 j 19:48	0°♐53'37	27°34'32
desc. node	-3798 Jan 18 j 12:37	2°♐38'21	
	-3798 Feb 07 j 08:32	0°♑	
morning set	-3798 Feb 20 j 10:49	23°♑49'17	
	-3798 Feb 23 j 12:03	0°♒	
max. Earth dist.	-3798 Feb 25 j 15:30	4°♒27'43	1.33375 AU
superior conj	-3798 Feb 28 j 04:37	9°♒51'55	-0°49'32
minimum elong	-3798 Feb 28 j 06:47	10°♒03'29	0°49'15
asc. node	-3798 Mar 05 j 03:13	20°♒28'16	
evening rise	-3798 Mar 07 j 08:21	25°♒09'55	
	-3798 Mar 09 j 16:24	0°♓	
	-3798 Mar 28 j 17:48	0°♈	
evening max el	-3798 Mar 29 j 21:40	1°♈09'13	22°57'34
retrograde	-3798 Apr 12 j 04:48	7°♈41'39	
evening set	-3798 Apr 15 j 12:32	7°♈17'30	
desc. node	-3798 Apr 16 j 11:29	7°♈02'03	
min. Earth dist.	-3798 Apr 23 j 07:51	3°♈49'56	0.55611 AU
inferior conj	-3798 Apr 24 j 19:12	2°♈58'38	-2°12'55
minimum elong	-3798 Apr 24 j 13:49	3°♈06'29	2°11'17
	-3798 Apr 30 j 12:57	30°℞♓	
morning rise	-3798 May 03 j 17:21	29°♓01'21	
direct	-3798 May 06 j 06:21	28°♓45'57	
	-3798 May 11 j 16:03	0°♈	
morning max el	-3798 May 17 j 05:32	3°♈52'48	20°36'37
asc. node	-3798 Jun 01 j 02:49	25°♈54'08	
	-3798 Jun 03 j 04:52	0°♉	
morning set	-3798 Jun 05 j 03:35	3°♉56'06	
superior conj	-3798 Jun 12 j 19:05	19°♉40'40	1°35'59
minimum elong	-3798 Jun 12 j 16:39	19°♉28'16	1°35'53
max. Earth dist.	-3798 Jun 17 j 10:14	28°♉55'30	1.36002 AU
	-3798 Jun 17 j 23:29	0°♊	
evening rise	-3798 Jun 21 j 14:29	6°♊53'23	
	-3798 Jul 05 j 02:27	0°♋	
desc. node	-3798 Jul 13 j 10:21	12°♋20'56	
evening max el	-3798 Jul 27 j 07:26	29°♋07'39	26°15'16
	-3798 Jul 28 j 05:23	0°♌	
retrograde	-3798 Aug 08 j 23:06	6°♌19'22	
evening set	-3798 Aug 15 j 09:12	3°♌36'34	
	-3798 Aug 18 j 19:56	30°℞♋	
min. Earth dist.	-3798 Aug 19 j 12:25	29°♋10'02	0.66279 AU
inferior conj	-3798 Aug 20 j 22:36	27°♋23'54	-2°17'26
minimum elong	-3798 Aug 21 j 01:41	27°♋14'19	2°16'11
morning rise	-3798 Aug 26 j 18:22	21°♋33'13	
asc. node	-3798 Aug 28 j 02:03	20°♋55'42	
direct	-3798 Aug 29 j 21:42	20°♋36'44	
morning max el	-3798 Sep 05 j 18:56	24°♋29'14	18°55'08
	-3798 Sep 10 j 08:41	0°♌	
morning set	-3798 Sep 27 j 11:53	26°♌16'34	
	-3798 Sep 29 j 20:18	0°♍	
desc. node	-3798 Oct 09 j 09:55	15°♍05'48	
max. Earth dist.	-3798 Oct 12 j 20:22	20°♍30'35	1.44787 AU
superior conj	-3798 Oct 13 j 17:58	21°♍55'43	-0°27'19
minimum elong	-3798 Oct 13 j 14:26	21°♍41'45	0°26'49
	-3798 Oct 18 j 20:28	0°♎	
evening rise	-3798 Oct 29 j 07:54	16°♎46'25	
	-3798 Nov 06 j 12:25	0°♏	
evening max el	-3798 Nov 19 j 04:38	17°♏57'03	18°47'31
asc. node	-3798 Nov 24 j 00:58	21°♏25'34	
retrograde	-3798 Nov 25 j 23:07	21°♏46'01	
evening set	-3798 Nov 29 j 01:28	20°♏51'24	
inferior conj	-3798 Dec 04 j 21:10	15°♏09'05	3°09'32
minimum elong	-3798 Dec 04 j 18:01	15°♏18'39	3°08'37
min. Earth dist.	-3798 Dec 06 j 14:13	13°♏04'31	0.65103 AU
morning rise	-3798 Dec 10 j 10:13	9°♏02'10	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3798 Dec	17 j 02:28	6°♏11'18		direct	-3797 Nov	30 j 06:43	19°♎39'14	
morning max el	-3798 Dec	30 j 05:16	13°♏47'15	26°55'28	morning max el	-3797 Dec	12 j 14:35	26°♎55'13	25°51'09
desc. node	-3797 Jan	05 j 09:39	20°♏41'24			-3797 Dec	15 j 12:08	0°♏	
	-3797 Jan	12 j 10:49	0°♐		desc. node	-3797 Dec	23 j 06:37	9°♏36'33	
	-3797 Jan	30 j 23:32	0°♑			-3796 Jan	06 j 01:56	0°♐	
morning set	-3797 Feb	03 j 22:55	7°♑26'57		morning set	-3796 Jan	17 j 20:29	20°♐15'36	
max. Earth dist.	-3797 Feb	08 j 10:33	16°♑17'20	1.34404 AU	max. Earth dist.	-3796 Jan	21 j 18:04	27°♐35'15	1.35882 AU
						-3796 Jan	23 j 00:02	0°♑	
superior conj	-3797 Feb	12 j 07:27	24°♑14'33	-1°12'45					
minimum elong	-3797 Feb	12 j 10:24	24°♑29'53	1°12'26	superior conj	-3796 Jan	27 j 02:45	8°♑09'01	-1°32'54
	-3797 Feb	15 j 01:17	0°♒		minimum elong	-3796 Jan	27 j 05:55	8°♑25'00	1°32'43
evening rise	-3797 Feb	19 j 18:14	9°♒53'25		evening rise	-3796 Feb	04 j 00:32	24°♑19'37	
asc. node	-3797 Feb	20 j 00:13	10°♒24'26		asc. node	-3796 Feb	06 j 21:13	0°♒04'43	
	-3797 Mar	02 j 10:44	0°♓			-3796 Feb	06 j 20:16	0°♒	
evening max el	-3797 Mar	11 j 19:32	12°♓04'35	21°26'50	evening max el	-3796 Feb	22 j 02:59	23°♒29'53	20°09'06
retrograde	-3797 Mar	23 j 19:23	17°♓50'20		retrograde	-3796 Mar	03 j 10:53	28°♒24'19	
evening set	-3797 Mar	26 j 08:00	17°♓35'51		evening set	-3796 Mar	05 j 17:59	28°♒10'49	
desc. node	-3797 Apr	03 j 08:36	14°♓18'32		inferior conj	-3796 Mar	14 j 13:36	24°♒11'13	1°31'59
inferior conj	-3797 Apr	04 j 15:23	13°♓35'27	-0°21'24	minimum elong	-3796 Mar	14 j 17:23	24°♒05'32	1°30'41
minimum elong	-3797 Apr	04 j 14:23	13°♓36'52	0°21'06	min. Earth dist.	-3796 Mar	16 j 11:49	23°♒01'56	0.55628 AU
min. Earth dist.	-3797 Apr	04 j 21:51	13°♓26'22	0.55154 AU	desc. node	-3796 Mar	20 j 05:43	21°♒00'30	
morning rise	-3797 Apr	13 j 20:55	9°♓31'46		morning rise	-3796 Mar	23 j 14:55	19°♒44'14	
direct	-3797 Apr	16 j 19:02	9°♓13'01		direct	-3796 Mar	27 j 10:00	19°♒12'40	
morning max el	-3797 Apr	29 j 08:14	15°♓12'41	22°04'18	morning max el	-3796 Apr	10 j 02:22	25°♒58'40	23°42'33
	-3797 May	10 j 15:22	0°♈			-3796 Apr	13 j 21:19	0°♓	
asc. node	-3797 May	18 j 23:50	15°♈35'46			-3796 May	02 j 04:52	0°♈	
morning set	-3797 May	20 j 13:12	18°♈48'02		morning set	-3796 May	04 j 00:57	3°♈48'10	
	-3797 May	25 j 20:45	0°♉		asc. node	-3796 May	04 j 20:49	5°♈32'42	
superior conj	-3797 May	27 j 20:21	4°♉10'58	1°20'27	superior conj	-3796 May	11 j 03:07	18°♈58'49	1°01'01
minimum elong	-3797 May	27 j 17:40	3°♉56'55	1°20'09	minimum elong	-3796 May	11 j 00:46	18°♈46'11	1°00'39
max. Earth dist.	-3797 May	31 j 02:40	10°♉57'20	1.34611 AU	max. Earth dist.	-3796 May	13 j 04:43	23°♈23'33	1.33583 AU
evening rise	-3797 Jun	04 j 21:12	20°♉28'25			-3796 May	16 j 08:30	0°♉	
	-3797 Jun	09 j 23:11	0°♊		evening rise	-3796 May	18 j 15:23	4°♉38'52	
	-3797 Jun	29 j 00:27	0°♋			-3796 Jun	01 j 15:56	0°♊	
desc. node	-3797 Jun	30 j 07:24	1°♋41'55		desc. node	-3796 Jun	16 j 04:29	20°♊18'20	
evening max el	-3797 Jul	09 j 18:59	12°♋33'34	27°03'00	evening max el	-3796 Jun	21 j 05:34	25°♊41'22	27°24'37
retrograde	-3797 Jul	23 j 00:48	19°♋54'33			-3796 Jun	26 j 10:44	0°♋	
evening set	-3797 Jul	29 j 22:25	17°♋06'40		retrograde	-3796 Jul	04 j 20:49	3°♋05'05	
min. Earth dist.	-3797 Aug	02 j 18:24	13°♋18'16	0.65203 AU	evening set	-3796 Jul	12 j 00:31	0°♋23'44	
inferior conj	-3797 Aug	04 j 17:52	11°♋02'03	-3°04'06		-3796 Jul	12 j 12:48	30°℞♊	
minimum elong	-3797 Aug	04 j 21:37	10°♋51'16	3°02'51	min. Earth dist.	-3796 Jul	15 j 15:19	27°♊09'37	0.63741 AU
morning rise	-3797 Aug	10 j 21:15	5°♋25'31		inferior conj	-3796 Jul	18 j 04:50	24°♊29'51	-3°43'29
direct	-3797 Aug	13 j 17:59	4°♋40'50		minimum elong	-3796 Jul	18 j 08:31	24°♊20'15	3°42'34
asc. node	-3797 Aug	14 j 23:09	4°♋48'51		morning rise	-3796 Jul	24 j 17:20	19°♊10'44	
morning max el	-3797 Aug	20 j 07:30	8°♋15'18	18°18'22	direct	-3796 Jul	27 j 09:37	18°♊35'07	
	-3797 Sep	04 j 03:57	0°♌		asc. node	-3796 Jul	31 j 20:13	20°♊12'44	
morning set	-3797 Sep	08 j 05:27	6°♌42'27		morning max el	-3796 Aug	02 j 22:19	22°♊00'20	17°59'05
						-3796 Aug	09 j 02:09	0°♋	
superior conj	-3797 Sep	22 j 18:54	0°♍17'51	0°22'09	morning set	-3796 Aug	20 j 00:53	18°♋22'11	
minimum elong	-3797 Sep	22 j 21:39	0°♍28'49	0°21'53		-3796 Aug	26 j 19:46	0°♌	
	-3797 Sep	22 j 14:24	0°♍						
max. Earth dist.	-3797 Sep	25 j 14:50	4°♍46'54	1.44723 AU	superior conj	-3796 Sep	01 j 13:58	9°♌35'55	1°04'12
desc. node	-3797 Sep	26 j 06:51	5°♍50'08		minimum elong	-3796 Sep	01 j 19:43	9°♌59'29	1°03'39
evening rise	-3797 Oct	09 j 08:47	26°♍19'52		max. Earth dist.	-3796 Sep	07 j 07:25	18°♌53'03	1.43944 AU
	-3797 Oct	11 j 17:14	0°♎		desc. node	-3796 Sep	12 j 03:49	26°♌34'37	
greatest brilliancy	-3797 Oct	20 j 19:03	14°♎02'50	-0.7m		-3796 Sep	14 j 08:16	0°♍	
	-3797 Nov	01 j 06:03	0°♏		evening rise	-3796 Sep	17 j 15:46	5°♍08'35	
evening max el	-3797 Nov	02 j 12:50	1°♏23'44	19°32'57		-3796 Oct	04 j 04:13	0°♎	
retrograde	-3797 Nov	09 j 19:25	5°♏36'44		evening max el	-3796 Oct	15 j 15:43	14°♎50'19	20°33'04
asc. node	-3797 Nov	10 j 22:03	5°♏29'37		retrograde	-3796 Oct	23 j 16:46	19°♎35'04	
evening set	-3797 Nov	13 j 05:09	4°♏29'02		evening set	-3796 Oct	27 j 11:57	18°♎11'51	
	-3797 Nov	17 j 15:59	30°℞♎		asc. node	-3796 Oct	27 j 19:09	17°♎58'08	
inferior conj	-3797 Nov	18 j 19:16	28°♎32'32	2°28'38	inferior conj	-3796 Nov	01 j 22:14	12°♎04'30	1°41'40
minimum elong	-3797 Nov	18 j 16:21	28°♎41'58	2°27'37	minimum elong	-3796 Nov	01 j 20:03	12°♎11'54	1°40'48
min. Earth dist.	-3797 Nov	19 j 22:44	27°♎03'28	0.66183 AU	min. Earth dist.	-3796 Nov	02 j 13:42	11°♎12'08	0.66912 AU
morning rise	-3797 Nov	24 j 03:21	22°♎20'24		morning rise	-3796 Nov	07 j 03:58	5°♎49'33	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3796 Nov 12 j 16:21	3°♎25'39	
morning max el	-3796 Nov 23 j 23:22	10°♎09'25	24°30'54
desc. node	-3796 Dec 09 j 03:36	29°♎08'50	
	-3796 Dec 09 j 17:57	0°♏	
	-3796 Dec 28 j 18:19	0°♐	
morning set	-3796 Dec 29 j 22:00	2°♐00'20	
max. Earth dist.	-3795 Jan 02 j 16:20	8°♐42'44	1.37746 AU
superior conj	-3795 Jan 09 j 11:15	21°♐26'25	-1°47'56
minimum elong	-3795 Jan 09 j 13:43	21°♐38'19	1°47'56
	-3795 Jan 13 j 20:02	0°♑	
evening rise	-3795 Jan 18 j 01:05	8°♑22'28	
asc. node	-3795 Jan 23 j 18:14	19°♑23'12	
	-3795 Jan 30 j 05:17	0°♒	
evening max el	-3795 Feb 03 j 20:55	5°♒31'09	19°09'32
retrograde	-3795 Feb 12 j 15:11	9°♒42'20	
evening set	-3795 Feb 15 j 00:00	9°♒25'19	
inferior conj	-3795 Feb 23 j 02:33	5°♒13'06	2°58'08
minimum elong	-3795 Feb 23 j 07:26	5°♒04'42	2°56'52
min. Earth dist.	-3795 Feb 26 j 02:59	3°♒09'37	0.56921 AU
morning rise	-3795 Mar 03 j 12:09	0°♒15'20	
	-3795 Mar 04 j 05:19	30°℞♑	
desc. node	-3795 Mar 07 j 02:49	29°♑21'15	
direct	-3795 Mar 08 j 12:33	29°♑16'34	
	-3795 Mar 12 j 19:57	0°♒	
morning max el	-3795 Mar 22 j 17:20	6°♒33'49	25°19'00
	-3795 Apr 08 j 19:39	0°♓	
morning set	-3795 Apr 18 j 13:06	18°♓50'30	
asc. node	-3795 Apr 21 j 17:48	25°♓39'47	
	-3795 Apr 23 j 17:44	0°♈	
superior conj	-3795 Apr 25 j 13:15	3°♈56'59	0°38'50
minimum elong	-3795 Apr 25 j 11:37	3°♈48'06	0°38'31
max. Earth dist.	-3795 Apr 26 j 13:51	6°♈10'44	1.32914 AU
evening rise	-3795 May 02 j 17:34	19°♈13'49	
	-3795 May 08 j 04:30	0°♉	
	-3795 May 27 j 02:37	0°♊	
desc. node	-3795 Jun 03 j 01:35	7°♊51'14	
evening max el	-3795 Jun 03 j 12:53	8°♊18'35	27°15'01
retrograde	-3795 Jun 17 j 10:33	15°♊41'32	
evening set	-3795 Jun 24 j 11:38	13°♊20'59	
min. Earth dist.	-3795 Jun 28 j 02:21	10°♊31'03	0.61935 AU
inferior conj	-3795 Jul 01 j 04:24	7°♊40'20	-4°11'07
minimum elong	-3795 Jul 01 j 06:52	7°♊34'38	4°10'44
morning rise	-3795 Jul 08 j 03:32	2°♊41'16	
direct	-3795 Jul 10 j 17:11	2°♊12'35	
morning max el	-3795 Jul 17 j 12:38	5°♊37'49	17°58'05
asc. node	-3795 Jul 18 j 17:17	6°♊52'49	
	-3795 Aug 02 j 03:29	0°♋	
morning set	-3795 Aug 02 j 16:53	1°♋00'44	
superior conj	-3795 Aug 13 j 12:26	20°♋15'12	1°32'17
minimum elong	-3795 Aug 13 j 17:01	20°♋34'59	1°32'03
	-3795 Aug 19 j 06:43	0°♌	
max. Earth dist.	-3795 Aug 20 j 18:51	2°♌29'10	1.42567 AU
evening rise	-3795 Aug 27 j 22:13	13°♌57'42	
desc. node	-3795 Aug 30 j 00:48	17°♌15'38	
	-3795 Sep 07 j 09:31	0°♍	
evening max el	-3795 Sep 28 j 12:22	28°♍15'30	21°45'02
	-3795 Sep 30 j 08:02	0°♎	
retrograde	-3795 Oct 07 j 13:04	3°♎37'26	
evening set	-3795 Oct 11 j 19:54	1°♎56'25	
	-3795 Oct 13 j 20:02	30°℞♍	
asc. node	-3795 Oct 14 j 16:16	29°♍00'17	
inferior conj	-3795 Oct 17 j 03:57	25°♍41'51	0°50'44
minimum elong	-3795 Oct 17 j 02:48	25°♍45'50	0°50'16
min. Earth dist.	-3795 Oct 17 j 08:42	25°♍25'30	0.67323 AU
morning rise	-3795 Oct 22 j 09:32	19°♍26'45	
direct	-3795 Oct 27 j 06:44	17°♍23'44	
morning max el	-3795 Nov 06 j 09:13	23°♍25'37	23°04'25
	-3795 Nov 12 j 03:43	0°♎	
desc. node	-3795 Nov 26 j 00:35	19°♎06'59	
	-3795 Dec 03 j 04:11	0°♏	
morning set	-3795 Dec 10 j 21:20	12°♏25'23	
max. Earth dist.	-3795 Dec 15 j 11:58	20°♏13'08	1.39810 AU
	-3795 Dec 21 j 00:59	0°♐	
superior conj	-3795 Dec 23 j 04:33	3°♐54'55	-1°55'01
minimum elong	-3795 Dec 23 j 04:58	3°♐56'46	1°55'08
evening rise	-3794 Jan 01 j 17:07	21°♐54'41	
	-3794 Jan 05 j 23:42	0°♑	
asc. node	-3794 Jan 10 j 15:17	8°♑12'26	
evening max el	-3794 Jan 17 j 23:44	18°♑04'15	18°29'56
retrograde	-3794 Jan 25 j 13:39	21°♑46'50	
evening set	-3794 Jan 28 j 01:52	21°♑23'47	
inferior conj	-3794 Feb 04 j 11:43	16°♑52'08	3°46'43
minimum elong	-3794 Feb 04 j 14:33	16°♑46'29	3°46'13
min. Earth dist.	-3794 Feb 07 j 21:09	14°♑10'56	0.58748 AU
morning rise	-3794 Feb 12 j 00:57	11°♑28'48	
direct	-3794 Feb 18 j 04:31	9°♑51'44	
desc. node	-3794 Feb 21 j 23:54	10°♑27'57	
morning max el	-3794 Mar 04 j 10:55	17°♑25'20	26°38'33
	-3794 Mar 14 j 21:12	0°♒	
	-3794 Apr 01 j 03:41	0°♓	
morning set	-3794 Apr 03 j 00:01	3°♓48'49	
asc. node	-3794 Apr 08 j 14:49	15°♓52'28	
superior conj	-3794 Apr 10 j 00:55	18°♓59'03	0°14'49
minimum elong	-3794 Apr 10 j 00:16	18°♓55'28	0°14'39
behind sun begin	-3794 Apr 09 j 22:25	18°♓45'21	
behind sun end	-3794 Apr 10 j 02:07	19°♓05'35	
max. Earth dist.	-3794 Apr 10 j 02:46	19°♓09'09	1.32587 AU
	-3794 Apr 15 j 02:45	0°♈	
evening rise	-3794 Apr 17 j 01:01	4°♈04'12	
	-3794 May 01 j 00:10	0°♉	
evening max el	-3794 May 16 j 15:00	20°♉16'58	26°32'46
desc. node	-3794 May 20 j 22:41	23°♉54'32	
retrograde	-3794 May 30 j 16:40	27°♉36'12	
evening set	-3794 Jun 06 j 03:42	25°♉49'28	
min. Earth dist.	-3794 Jun 10 j 04:20	23°♉08'10	0.59917 AU
inferior conj	-3794 Jun 13 j 13:08	20°♉25'40	-4°20'14
minimum elong	-3794 Jun 13 j 12:55	20°♉26'06	4°20'08
morning rise	-3794 Jun 21 j 00:20	15°♉48'00	
direct	-3794 Jun 23 j 12:43	15°♉24'39	
morning max el	-3794 Jun 30 j 23:37	19°♉00'44	18°16'20
asc. node	-3794 Jul 05 j 14:22	24°♉34'02	
	-3794 Jul 09 j 01:53	0°♊	
morning set	-3794 Jul 17 j 00:19	14°♊25'34	
	-3794 Jul 25 j 07:43	0°♋	
superior conj	-3794 Jul 26 j 12:31	2°♋11'29	1°46'18
minimum elong	-3794 Jul 26 j 14:27	2°♋20'13	1°46'24
max. Earth dist.	-3794 Aug 03 j 00:39	15°♋25'07	1.40787 AU
evening rise	-3794 Aug 07 j 22:59	23°♋39'50	
	-3794 Aug 11 j 21:14	0°♌	
desc. node	-3794 Aug 16 j 21:49	7°♌49'55	
	-3794 Sep 01 j 08:08	0°♍	
evening max el	-3794 Sep 11 j 03:35	11°♍41'34	23°04'16
retrograde	-3794 Sep 21 j 06:49	17°♍41'49	
evening set	-3794 Sep 26 j 03:15	15°♍41'29	
inferior conj	-3794 Oct 01 j 10:39	9°♍23'13	-0°02'22
minimum elong	-3794 Oct 01 j 10:42	9°♍23'02	0°02'17
transit middle	-3794 Oct 01 j 10:42	9°♍23'02	0°02'17
transit begin	-3794 Oct 01 j 08:01	9°♍32'14	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

transit end	-3794 Oct 01 j 13:22	9°♍13'49		
min. Earth dist.	-3794 Oct 01 j 05:10	9°♍42'03	0.67436 AU	
asc. node	-3794 Oct 01 j 13:24	9°♍13'43		
morning rise	-3794 Oct 06 j 18:01	3°♍11'01		
direct	-3794 Oct 11 j 01:04	1°♍29'24		
morning max el	-3794 Oct 19 j 23:23	6°♍46'47	21°40'28	
	-3794 Nov 06 j 14:56	0°♎		
desc. node	-3794 Nov 12 j 21:33	9°♎23'35		
morning set	-3794 Nov 20 j 16:01	21°♎28'13		
	-3794 Nov 25 j 23:00	0°♏		
max. Earth dist.	-3794 Nov 27 j 12:32	2°♏34'29	1.41801 AU	
superior conj	-3794 Dec 05 j 01:13	15°♏21'02	-1°50'32	
minimum elong	-3794 Dec 04 j 22:10	15°♏07'46	1°50'31	
	-3794 Dec 13 j 06:05	0°♐		
evening rise	-3794 Dec 15 j 21:15	4°♐48'55		
asc. node	-3794 Dec 28 j 12:22	26°♐23'14		
	-3794 Dec 31 j 09:20	0°♑		
evening max el	-3793 Jan 01 j 08:43	1°♑01'09	18°10'20	
retrograde	-3793 Jan 08 j 05:20	4°♑30'21		
evening set	-3793 Jan 10 j 20:44	3°♑59'57		
	-3793 Jan 16 j 17:01	30°℞♐		
inferior conj	-3793 Jan 17 j 16:28	29°♐06'33	4°02'26	
minimum elong	-3793 Jan 17 j 16:32	29°♐06'25	4°02'16	
min. Earth dist.	-3793 Jan 20 j 20:58	26°♐11'22	0.60766 AU	
morning rise	-3793 Jan 24 j 10:53	23°♐25'23		
direct	-3793 Jan 31 j 07:25	21°♐11'15		
desc. node	-3793 Feb 08 j 21:00	24°♐14'56		
morning max el	-3793 Feb 14 j 10:22	28°♐52'15	27°28'32	
	-3793 Feb 15 j 13:20	0°♑		
	-3793 Mar 08 j 15:26	0°♒		
morning set	-3793 Mar 18 j 07:47	18°♒35'36		
	-3793 Mar 23 j 16:42	0°♓		
max. Earth dist.	-3793 Mar 24 j 15:43	2°♓05'10	1.32607 AU	
superior conj	-3793 Mar 25 j 12:23	3°♓57'57	-0°10'12	
minimum elong	-3793 Mar 25 j 12:51	4°♓00'28	0°10'11	
behind sun begin	-3793 Mar 25 j 08:58	3°♓39'16		
behind sun end	-3793 Mar 25 j 16:44	4°♓21'41		
asc. node	-3793 Mar 26 j 11:48	6°♓05'53		
evening rise	-3793 Apr 01 j 11:32	19°♓01'18		
	-3793 Apr 06 j 21:55	0°♈		
	-3793 Apr 26 j 21:25	0°♉		
evening max el	-3793 Apr 28 j 10:58	1°♉33'46	25°21'37	
desc. node	-3793 May 07 j 19:49	7°♉52'47		
retrograde	-3793 May 12 j 12:35	8°♉44'26		
evening set	-3793 May 17 j 21:56	7°♉36'29		
min. Earth dist.	-3793 May 22 j 23:18	4°♉47'25	0.57925 AU	
inferior conj	-3793 May 26 j 03:24	2°♉35'06	-4°01'14	
minimum elong	-3793 May 25 j 23:36	2°♉41'47	4°00'39	
	-3793 May 30 j 03:02	30°℞♈		
morning rise	-3793 Jun 03 j 04:07	28°♈18'16		
direct	-3793 Jun 05 j 15:59	27°♈59'09		
	-3793 Jun 11 j 17:13	0°♉		
morning max el	-3793 Jun 14 j 04:15	1°♉58'49	18°54'47	
asc. node	-3793 Jun 22 j 11:25	13°♉01'43		
morning set	-3793 Jun 30 j 18:49	28°♉24'58		
	-3793 Jul 01 j 14:11	0°♊		
superior conj	-3793 Jul 09 j 08:35	15°♊08'44	1°48'50	
minimum elong	-3793 Jul 09 j 08:08	15°♊06'35	1°48'58	
max. Earth dist.	-3793 Jul 16 j 02:56	27°♊40'35	1.38839 AU	
	-3793 Jul 17 j 10:15	0°♋		
evening rise	-3793 Jul 20 j 01:44	4°♋37'08		
desc. node	-3793 Aug 03 j 18:50	28°♋12'41		
	-3793 Aug 04 j 23:48	0°♌		
evening max el	-3793 Aug 24 j 15:22	25°♌10'10	24°24'39	
	-3793 Aug 30 j 12:53	0°♍		
retrograde	-3793 Sep 04 j 20:52	1°♍44'59		
	-3793 Sep 09 j 15:06	30°℞♌		
evening set	-3793 Sep 10 j 08:13	29°♌25'21		
min. Earth dist.	-3793 Sep 15 j 00:38	24°♌00'16	0.67248 AU	
inferior conj	-3793 Sep 15 j 16:33	23°♌06'47	-0°56'00	
minimum elong	-3793 Sep 15 j 17:51	23°♌02'22	0°55'21	
asc. node	-3793 Sep 18 j 10:32	19°♌35'55		
morning rise	-3793 Sep 21 j 03:28	17°♌00'39		
direct	-3793 Sep 24 j 22:03	15°♌38'54		
morning max el	-3793 Oct 02 j 20:26	20°♌16'31	20°25'35	
	-3793 Oct 10 j 17:39	0°♍		
morning set	-3793 Oct 30 j 15:44	29°♍42'16		
desc. node	-3793 Oct 30 j 18:31	29°♍53'06		
	-3793 Oct 30 j 20:18	0°♎		
max. Earth dist.	-3793 Nov 09 j 21:02	15°♎49'52	1.43432 AU	
superior conj	-3793 Nov 15 j 19:51	25°♎32'06	-1°30'47	
minimum elong	-3793 Nov 15 j 13:22	25°♎05'18	1°30'17	
	-3793 Nov 18 j 12:12	0°♏		
evening rise	-3793 Nov 28 j 09:21	16°♏56'51		
	-3793 Dec 05 j 22:14	0°♐		
asc. node	-3793 Dec 15 j 09:27	13°♐43'58		
evening max el	-3793 Dec 15 j 20:52	14°♐13'34	18°10'14	
retrograde	-3793 Dec 22 j 10:17	17°♐42'29		
evening set	-3793 Dec 25 j 04:58	17°♐03'51		
inferior conj	-3793 Dec 31 j 13:26	11°♐49'25	3°54'06	
minimum elong	-3793 Dec 31 j 11:27	11°♐54'35	3°53'45	
min. Earth dist.	-3792 Jan 03 j 05:29	9°♐02'37	0.62677 AU	
morning rise	-3792 Jan 06 j 17:08	5°♐55'36		
direct	-3792 Jan 13 j 18:49	3°♐15'42		
desc. node	-3792 Jan 26 j 18:03	10°♐07'39		
morning max el	-3792 Jan 27 j 15:44	10°♐59'52	27°42'46	
	-3792 Feb 11 j 16:08	0°♑		
	-3792 Feb 28 j 21:34	0°♒		
morning set	-3792 Mar 01 j 10:14	3°♒03'23		
max. Earth dist.	-3792 Mar 07 j 00:53	14°♒45'12	1.32987 AU	
superior conj	-3792 Mar 08 j 22:01	18°♒47'53	-0°35'21	
minimum elong	-3792 Mar 08 j 23:36	18°♒56'25	0°35'08	
asc. node	-3792 Mar 12 j 08:49	26°♒16'08		
	-3792 Mar 14 j 02:23	0°♓		
evening rise	-3792 Mar 15 j 23:12	3°♓58'14		
	-3792 Mar 30 j 03:30	0°♈		
evening max el	-3792 Apr 09 j 02:53	12°♈21'03	23°51'52	
retrograde	-3792 Apr 22 j 20:17	19°♈12'33		
desc. node	-3792 Apr 23 j 16:55	19°♈10'52		
evening set	-3792 Apr 26 j 21:30	18°♈36'16		
min. Earth dist.	-3792 May 03 j 14:17	15°♈26'14	0.56280 AU	
inferior conj	-3792 May 05 j 21:28	14°♈02'00	-3°04'11	
minimum elong	-3792 May 05 j 15:27	14°♈11'13	3°02'40	
morning rise	-3792 May 14 j 12:22	10°♈01'12		
direct	-3792 May 17 j 00:19	9°♈45'07		
morning max el	-3792 May 26 j 23:53	14°♈22'59	19°53'47	
	-3792 Jun 07 j 05:01	0°♉		
asc. node	-3792 Jun 08 j 08:26	2°♉04'38		
morning set	-3792 Jun 13 j 21:06	12°♉50'09		
superior conj	-3792 Jun 21 j 19:13	28°♉51'47	1°42'37	
minimum elong	-3792 Jun 21 j 17:16	28°♉42'01	1°42'37	
	-3792 Jun 22 j 08:57	0°♊		
max. Earth dist.	-3792 Jun 27 j 06:30	9°♊30'08	1.36967 AU	
evening rise	-3792 Jul 01 j 04:41	16°♊46'22		
	-3792 Jul 08 j 19:47	0°♋		
desc. node	-3792 Jul 20 j 15:52	18°♋18'06		
	-3792 Jul 29 j 08:41	0°♌		
evening max el	-3792 Aug 06 j 02:03	8°♌41'11	25°38'38	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3792 Aug 18 j 06:35	15°♌42'29	
evening set	-3792 Aug 24 j 08:53	13°♌06'15	
min. Earth dist.	-3792 Aug 28 j 16:38	8°♌18'06	0.66735 AU
inferior conj	-3792 Aug 29 j 19:52	6°♌50'33	-1°48'29
minimum elong	-3792 Aug 29 j 22:23	6°♌42'30	1°47'23
morning rise	-3792 Sep 04 j 11:59	0°♌53'34	
asc. node	-3792 Sep 04 j 07:39	1°♌00'44	
	-3792 Sep 06 j 10:51	30°℞♋	
direct	-3792 Sep 07 j 20:13	29°♋48'54	
	-3792 Sep 09 j 06:16	0°♌	
morning max el	-3792 Sep 15 j 00:46	3°♌55'10	19°23'47
	-3792 Oct 03 j 12:09	0°♍	
morning set	-3792 Oct 08 j 18:47	8°♍13'05	
desc. node	-3792 Oct 16 j 15:28	20°♍30'54	
max. Earth dist.	-3792 Oct 22 j 11:42	29°♍43'09	1.44486 AU
	-3792 Oct 22 j 15:58	0°♎	
superior conj	-3792 Oct 25 j 11:30	4°♎28'10	-0°54'15
minimum elong	-3792 Oct 25 j 05:15	4°♎03'15	0°53'30
evening rise	-3792 Nov 09 j 00:43	28°♎08'31	
	-3792 Nov 10 j 03:34	0°♏	
evening max el	-3792 Nov 28 j 09:20	27°♏34'07	18°28'48
asc. node	-3792 Dec 01 j 06:33	29°♏59'45	
	-3792 Dec 01 j 06:42	0°♐	
retrograde	-3792 Dec 04 j 23:58	1°♐13'28	
evening set	-3792 Dec 07 j 22:59	0°♐25'17	
	-3792 Dec 08 j 15:58	30°℞♏	
inferior conj	-3792 Dec 13 j 22:42	24°♏52'11	3°29'13
minimum elong	-3792 Dec 13 j 19:43	25°♏00'49	3°28'30
min. Earth dist.	-3792 Dec 16 j 00:03	22°♏29'25	0.64311 AU
morning rise	-3792 Dec 19 j 15:59	18°♏49'04	
direct	-3792 Dec 26 j 13:26	15°♏58'10	
morning max el	-3791 Jan 09 j 00:42	23°♏40'20	27°21'41
desc. node	-3791 Jan 12 j 15:05	27°♏30'37	
	-3791 Jan 14 j 17:59	0°♐	
	-3791 Feb 03 j 23:10	0°♑	
morning set	-3791 Feb 13 j 04:33	17°♑02'11	
max. Earth dist.	-3791 Feb 18 j 02:10	26°♑55'25	1.33760 AU
	-3791 Feb 19 j 13:37	0°♒	
superior conj	-3791 Feb 21 j 03:54	3°♒21'45	-0°59'39
minimum elong	-3791 Feb 21 j 06:27	3°♒35'13	0°59'20
asc. node	-3791 Feb 27 j 05:48	16°♒18'22	
evening rise	-3791 Feb 28 j 10:13	18°♒47'48	
	-3791 Mar 06 j 00:04	0°♓	
evening max el	-3791 Mar 21 j 20:36	23°♓04'48	22°17'48
retrograde	-3791 Apr 03 j 16:16	29°♓19'38	
evening set	-3791 Apr 06 j 14:02	29°♓00'58	
desc. node	-3791 Apr 10 j 14:00	27°♓40'50	
min. Earth dist.	-3791 Apr 15 j 04:15	25°♓17'32	0.55306 AU
inferior conj	-3791 Apr 15 j 22:45	24°♓51'19	-1°28'00
minimum elong	-3791 Apr 15 j 18:49	24°♓56'53	1°26'44
morning rise	-3791 Apr 25 j 01:12	20°♓53'54	
direct	-3791 Apr 27 j 16:37	20°♓38'01	
morning max el	-3791 May 09 j 08:53	26°♓06'52	21°12'07
	-3791 May 13 j 00:07	0°♈	
asc. node	-3791 May 26 j 05:26	21°♈34'06	
morning set	-3791 May 29 j 04:38	27°♈34'05	
	-3791 May 30 j 08:52	0°♉	
superior conj	-3791 Jun 05 j 16:08	13°♉08'04	1°29'58
minimum elong	-3791 Jun 05 j 13:31	12°♉54'33	1°29'46
max. Earth dist.	-3791 Jun 09 j 17:00	21°♉20'01	1.35364 AU
evening rise	-3791 Jun 14 j 02:46	29°♉54'25	
	-3791 Jun 14 j 03:57	0°♊	
	-3791 Jul 01 j 22:27	0°♋	
desc. node	-3791 Jul 07 j 12:54	7°♋58'32	
evening max el	-3791 Jul 19 j 13:08	22°♋11'05	26°38'16
retrograde	-3791 Aug 01 j 11:33	29°♋28'29	
evening set	-3791 Aug 08 j 03:05	26°♋41'58	
min. Earth dist.	-3791 Aug 12 j 02:56	22°♋32'04	0.65866 AU
inferior conj	-3791 Aug 13 j 18:44	20°♋32'15	-2°37'56
minimum elong	-3791 Aug 13 j 22:10	20°♋21'54	2°36'39
morning rise	-3791 Aug 19 j 17:35	14°♋47'27	
asc. node	-3791 Aug 22 j 04:44	13°♋58'11	
direct	-3791 Aug 22 j 17:46	13°♋56'32	
morning max el	-3791 Aug 29 j 11:01	17°♋40'25	18°37'27
	-3791 Sep 07 j 15:27	0°♌	
morning set	-3791 Sep 18 j 20:24	17°♌52'37	
	-3791 Sep 26 j 10:07	0°♍	
desc. node	-3791 Oct 03 j 12:26	11°♍14'05	
superior conj	-3791 Oct 04 j 11:38	12°♍45'32	-0°06'10
minimum elong	-3791 Oct 04 j 10:50	12°♍42'22	0°06'00
behind sun begin	-3791 Oct 04 j 00:09	12°♍00'15	
behind sun end	-3791 Oct 04 j 21:31	13°♍24'29	
max. Earth dist.	-3791 Oct 05 j 05:20	13°♍55'15	1.44845 AU
	-3791 Oct 15 j 10:09	0°♎	
evening rise	-3791 Oct 20 j 15:40	8°♎17'26	
greatest brilliancy	-3791 Oct 28 j 16:28	21°♎02'41	-0.8m
	-3791 Nov 03 j 11:28	0°♏	
evening max el	-3791 Nov 11 j 19:43	10°♏59'22	19°04'53
asc. node	-3791 Nov 18 j 03:37	14°♏55'42	
retrograde	-3791 Nov 18 j 18:43	14°♏57'57	
evening set	-3791 Nov 21 j 23:51	13°♏58'14	
inferior conj	-3791 Nov 27 j 16:57	8°♏09'28	2°53'06
minimum elong	-3791 Nov 27 j 13:50	8°♏19'15	2°52'07
min. Earth dist.	-3791 Nov 29 j 04:04	6°♏19'25	0.65602 AU
morning rise	-3791 Dec 03 j 03:30	1°♏59'44	
	-3791 Dec 06 j 02:16	30°℞♎	
direct	-3791 Dec 09 j 14:36	29°♎11'39	
	-3791 Dec 13 j 09:18	0°♏	
morning max el	-3791 Dec 22 j 10:25	6°♏41'36	26°30'39
desc. node	-3791 Dec 30 j 12:06	15°♏57'48	
	-3790 Jan 09 j 13:16	0°♐	
morning set	-3790 Jan 27 j 11:04	0°♑20'25	
	-3790 Jan 27 j 06:44	0°♑	
max. Earth dist.	-3790 Jan 31 j 16:09	8°♑28'52	1.34973 AU
superior conj	-3790 Feb 05 j 03:50	17°♑32'44	-1°21'48
minimum elong	-3790 Feb 05 j 06:58	17°♑48'49	1°21'31
	-3790 Feb 11 j 03:28	0°♒	
evening rise	-3790 Feb 12 j 18:47	3°♒23'53	
asc. node	-3790 Feb 14 j 02:48	6°♒07'57	
	-3790 Feb 28 j 03:05	0°♓	
evening max el	-3790 Mar 03 j 22:12	4°♓11'02	20°51'50
retrograde	-3790 Mar 15 j 05:54	9°♓34'56	
evening set	-3790 Mar 17 j 14:26	9°♓21'48	
inferior conj	-3790 Mar 26 j 18:00	5°♓23'55	0°28'28
minimum elong	-3790 Mar 26 j 19:18	5°♓22'03	0°27'58
min. Earth dist.	-3790 Mar 27 j 18:30	4°♓48'48	0.55237 AU
desc. node	-3790 Mar 28 j 11:06	4°♓25'15	
morning rise	-3790 Apr 04 j 23:16	1°♓11'38	
direct	-3790 Apr 08 j 04:34	0°♓49'00	
morning max el	-3790 Apr 21 j 07:33	7°♓10'43	22°45'25
	-3790 May 07 j 08:22	0°♈	
asc. node	-3790 May 13 j 02:25	11°♈22'41	
morning set	-3790 May 13 j 15:21	12°♈30'00	
superior conj	-3790 May 20 j 20:02	27°♈46'54	1°12'37
minimum elong	-3790 May 20 j 17:26	27°♈33'07	1°12'17
	-3790 May 21 j 21:12	0°♉	
max. Earth dist.	-3790 May 23 j 13:25	3°♉30'40	1.34125 AU
evening rise	-3790 May 28 j 14:51	13°♉46'09	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3790 Jun 06 j 09:09	0°♊		
desc. node	-3790 Jun 24 j 09:57	27°♊02'36		
	-3790 Jun 26 j 20:42	0°♋		
evening max el	-3790 Jul 02 j 00:25	5°♋30'40	27°15'46	
retrograde	-3790 Jul 15 j 11:09	12°♋54'12		
evening set	-3790 Jul 22 j 12:01	10°♋07'31		
min. Earth dist.	-3790 Jul 26 j 05:23	6°♋34'19	0.64623 AU	
inferior conj	-3790 Jul 28 j 10:49	4°♋06'50	-3°21'55	
minimum elong	-3790 Jul 28 j 14:39	3°♋56'13	3°20'48	
	-3790 Aug 01 j 14:30	30°℞♊		
morning rise	-3790 Aug 03 j 17:55	28°♊37'16		
direct	-3790 Aug 06 j 12:23	27°♊56'53		
asc. node	-3790 Aug 09 j 01:48	28°♊31'11		
	-3790 Aug 11 j 10:33	0°♋		
morning max el	-3790 Aug 13 j 00:51	1°♋26'44	18°07'55	
morning set	-3790 Aug 31 j 01:29	28°♋51'12		
	-3790 Aug 31 j 17:51	0°♌		
superior conj	-3790 Sep 13 j 18:13	21°♌25'43	0°41'28	
minimum elong	-3790 Sep 13 j 22:50	21°♌44'18	0°40'58	
max. Earth dist.	-3790 Sep 17 j 22:47	28°♌07'11	1.44474 AU	
	-3790 Sep 19 j 03:17	0°♍		
desc. node	-3790 Sep 20 j 09:24	1°♍58'52		
evening rise	-3790 Sep 30 j 07:20	17°♍27'16		
	-3790 Oct 08 j 10:55	0°♎		
greatest brilliancy	-3790 Oct 13 j 14:14	7°♎46'14	-0.7m	
evening max el	-3790 Oct 26 j 01:51	24°♎26'07	19°56'56	
retrograde	-3790 Nov 02 j 15:41	28°♎51'47		
asc. node	-3790 Nov 05 j 00:43	28°♎19'01		
evening set	-3790 Nov 06 j 05:05	27°♎37'57		
inferior conj	-3790 Nov 11 j 17:24	21°♎36'40	2°09'20	
minimum elong	-3790 Nov 11 j 14:45	21°♎45'27	2°08'20	
min. Earth dist.	-3790 Nov 12 j 15:41	20°♎22'53	0.66536 AU	
morning rise	-3790 Nov 17 j 00:11	15°♎22'58		
direct	-3790 Nov 22 j 21:25	12°♎48'07		
morning max el	-3790 Dec 04 j 19:15	19°♎52'06	25°18'17	
	-3790 Dec 13 j 12:09	0°♏		
desc. node	-3790 Dec 17 j 09:08	5°♏10'21		
	-3789 Jan 02 j 16:28	0°♐		
morning set	-3789 Jan 10 j 00:53	12°♐43'57		
max. Earth dist.	-3789 Jan 13 j 18:41	19°♐36'29	1.36628 AU	
	-3789 Jan 19 j 04:17	0°♑		
superior conj	-3789 Jan 19 j 19:02	1°♑12'54	-1°40'05	
minimum elong	-3789 Jan 19 j 22:03	1°♑27'48	1°39'57	
evening rise	-3789 Jan 27 j 22:56	17°♑40'46		
asc. node	-3789 Jan 31 j 23:50	25°♑39'41		
	-3789 Feb 03 j 07:24	0°♒		
evening max el	-3789 Feb 14 j 10:21	15°♒52'31	19°41'32	
retrograde	-3789 Feb 24 j 01:14	20°♒26'29		
evening set	-3789 Feb 26 j 08:43	20°♒11'53		
inferior conj	-3789 Mar 06 j 21:21	16°♒08'37	2°12'55	
minimum elong	-3789 Mar 07 j 02:07	16°♒01'05	2°11'26	
min. Earth dist.	-3789 Mar 09 j 09:02	14°♒34'46	0.56087 AU	
desc. node	-3789 Mar 15 j 08:13	11°♒35'50		
morning rise	-3789 Mar 15 j 17:02	11°♒28'36		
direct	-3789 Mar 20 j 00:26	10°♒47'01		
morning max el	-3789 Apr 02 j 23:28	17°♒48'40	24°24'38	
	-3789 Apr 12 j 22:58	0°♓		
morning set	-3789 Apr 28 j 03:31	27°♓32'10		
	-3789 Apr 29 j 07:30	0°♈		
asc. node	-3789 Apr 29 j 23:25	1°♈24'48		
superior conj	-3789 May 05 j 04:31	12°♈40'27	0°51'54	
minimum elong	-3789 May 05 j 02:26	12°♈29'09	0°51'33	
max. Earth dist.	-3789 May 06 j 18:57	16°♈07'32	1.33257 AU	
evening rise	-3789 May 12 j 12:54	28°♈09'07		
	-3789 May 13 j 10:55	0°♉		
	-3789 May 30 j 14:28	0°♊		
desc. node	-3789 Jun 11 j 07:01	15°♊15'04		
evening max el	-3789 Jun 14 j 10:13	18°♊28'16	27°24'35	
retrograde	-3789 Jun 28 j 04:36	25°♊51'26		
evening set	-3789 Jul 05 j 08:17	23°♊17'33		
min. Earth dist.	-3789 Jul 08 j 22:21	20°♊14'56	0.63016 AU	
inferior conj	-3789 Jul 11 j 17:25	17°♊28'52	-3°56'59	
minimum elong	-3789 Jul 11 j 20:45	17°♊20'34	3°56'17	
morning rise	-3789 Jul 18 j 10:14	12°♊17'37		
direct	-3789 Jul 21 j 01:12	11°♊45'07		
asc. node	-3789 Jul 26 j 22:53	14°♊29'28		
morning max el	-3789 Jul 27 j 15:46	15°♊09'16	17°56'13	
	-3789 Aug 06 j 23:54	0°♋		
morning set	-3789 Aug 13 j 06:24	10°♋58'07		
	-3789 Aug 24 j 06:14	0°♌		
superior conj	-3789 Aug 25 j 00:34	1°♌17'01	1°17'55	
minimum elong	-3789 Aug 25 j 06:11	1°♌40'33	1°17'29	
max. Earth dist.	-3789 Aug 31 j 13:35	12°♌02'56	1.43433 AU	
desc. node	-3789 Sep 07 j 06:22	22°♌42'13		
evening rise	-3789 Sep 09 j 11:35	26°♌09'37		
	-3789 Sep 11 j 23:15	0°♍		
	-3789 Oct 02 j 12:12	0°♎		
evening max el	-3789 Oct 09 j 02:15	7°♎52'33	21°02'32	
retrograde	-3789 Oct 17 j 12:40	12°♎52'03		
evening set	-3789 Oct 21 j 12:37	11°♎21'29		
asc. node	-3789 Oct 22 j 21:50	10°♎07'57		
inferior conj	-3789 Oct 26 j 21:47	5°♎10'53	1°20'26	
minimum elong	-3789 Oct 26 j 20:00	5°♎16'58	1°19'41	
min. Earth dist.	-3789 Oct 27 j 08:36	4°♎33'54	0.67131 AU	
	-3789 Oct 31 j 00:30	30°℞♍		
morning rise	-3789 Nov 01 j 03:13	28°♍55'44		
direct	-3789 Nov 06 j 09:12	26°♍40'23		
	-3789 Nov 13 j 18:23	0°♎		
morning max el	-3789 Nov 17 j 03:59	3°♎06'23	23°54'15	
desc. node	-3789 Dec 04 j 06:09	24°♎54'48		
	-3789 Dec 07 j 17:02	0°♏		
morning set	-3789 Dec 22 j 15:53	23°♏55'48		
	-3789 Dec 26 j 03:42	0°♐		
max. Earth dist.	-3789 Dec 26 j 14:59	0°♐49'55	1.38616 AU	
superior conj	-3788 Jan 02 j 21:43	14°♐11'15	-1°52'07	
minimum elong	-3788 Jan 02 j 23:29	14°♐19'38	1°52'11	
	-3788 Jan 11 j 01:33	0°♑		
evening rise	-3788 Jan 11 j 20:14	1°♑31'28		
asc. node	-3788 Jan 18 j 20:53	14°♑46'42		
evening max el	-3788 Jan 28 j 08:24	28°♑08'06	18°50'14	
	-3788 Jan 30 j 14:09	0°♒		
retrograde	-3788 Feb 05 j 13:01	2°♒05'02		
evening set	-3788 Feb 07 j 23:28	1°♒45'30		
	-3788 Feb 11 j 23:21	30°℞♑		
inferior conj	-3788 Feb 15 j 18:36	27°♑25'18	3°23'17	
minimum elong	-3788 Feb 15 j 22:51	27°♑17'31	3°22'20	
min. Earth dist.	-3788 Feb 19 j 00:49	25°♑03'29	0.57653 AU	
morning rise	-3788 Feb 23 j 19:44	22°♑16'07		
direct	-3788 Feb 29 j 08:42	21°♑01'55		
desc. node	-3788 Mar 01 j 05:20	21°♑03'43		
morning max el	-3788 Mar 14 j 14:46	28°♑26'43	25°55'52	
	-3788 Mar 16 j 03:52	0°♒		
	-3788 Apr 05 j 08:43	0°♓		
morning set	-3788 Apr 11 j 15:23	12°♓33'25		
asc. node	-3788 Apr 15 j 20:26	21°♓34'33		
superior conj	-3788 Apr 18 j 15:30	27°♓40'38	0°28'50	
minimum elong	-3788 Apr 18 j 14:16	27°♓33'50	0°28'34	
max. Earth dist.	-3788 Apr 19 j 06:21	29°♓01'45	1.32737 AU	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3788 Apr 19 j 17:02	0°♈	
evening rise	-3788 Apr 25 j 17:38	12°♈51'32	
	-3788 May 04 j 14:21	0°♉	
	-3788 May 25 j 19:10	0°♊	
evening max el	-3788 May 26 j 15:43	0°♊50'10	27°00'57
desc. node	-3788 May 28 j 04:06	2°♊13'38	
retrograde	-3788 Jun 09 j 14:58	8°♊10'57	
evening set	-3788 Jun 16 j 11:46	6°♊03'33	
min. Earth dist.	-3788 Jun 20 j 05:14	3°♊19'30	0.61100 AU
inferior conj	-3788 Jun 23 j 11:09	0°♊29'56	-4°17'47
minimum elong	-3788 Jun 23 j 12:39	0°♊26'37	4°17'34
	-3788 Jun 24 j 00:53	30°℞♉	
morning rise	-3788 Jun 30 j 15:13	25°♉39'44	
direct	-3788 Jul 03 j 04:21	25°♉13'18	
morning max el	-3788 Jul 10 j 04:59	28°♉41'23	18°03'25
	-3788 Jul 11 j 11:12	0°♊	
asc. node	-3788 Jul 12 j 19:58	1°♊37'19	
morning set	-3788 Jul 26 j 05:37	23°♊58'22	
	-3788 Jul 29 j 12:02	0°♋	
superior conj	-3788 Aug 05 j 10:34	12°♋31'03	1°39'49
minimum elong	-3788 Aug 05 j 14:04	12°♋46'28	1°39'45
max. Earth dist.	-3788 Aug 12 j 23:16	25°♋25'44	1.41854 AU
	-3788 Aug 15 j 17:44	0°♌	
evening rise	-3788 Aug 19 j 00:08	5°♌16'50	
desc. node	-3788 Aug 24 j 03:20	13°♌20'59	
	-3788 Sep 04 j 06:51	0°♍	
evening max el	-3788 Sep 20 j 20:27	21°♍18'14	22°18'07
retrograde	-3788 Sep 30 j 08:01	26°♍56'15	
evening set	-3788 Oct 04 j 20:33	25°♍06'52	
asc. node	-3788 Oct 08 j 18:59	20°♍43'38	
inferior conj	-3788 Oct 10 j 04:08	18°♍50'17	0°28'22
minimum elong	-3788 Oct 10 j 03:29	18°♍52'34	0°28'07
min. Earth dist.	-3788 Oct 10 j 04:26	18°♍49'16	0.67412 AU
morning rise	-3788 Oct 15 j 10:17	12°♍36'20	
direct	-3788 Oct 20 j 01:16	10°♍42'41	
morning max el	-3788 Oct 29 j 15:26	16°♍25'02	22°28'00
	-3788 Nov 09 j 16:47	0°♎	
desc. node	-3788 Nov 20 j 03:08	15°♎01'54	
	-3788 Nov 29 j 19:04	0°♏	
morning set	-3788 Dec 02 j 02:52	3°♏44'53	
max. Earth dist.	-3788 Dec 07 j 12:40	12°♏42'52	1.40687 AU
superior conj	-3788 Dec 15 j 06:57	26°♏15'02	-1°54'45
minimum elong	-3788 Dec 15 j 06:02	26°♏10'53	1°54'52
	-3788 Dec 17 j 08:40	0°♐	
evening rise	-3788 Dec 25 j 07:43	14°♐48'58	
	-3787 Jan 02 j 16:17	0°♑	
asc. node	-3787 Jan 04 j 17:57	3°♑20'57	
evening max el	-3787 Jan 10 j 14:07	10°♑51'52	18°19'05
retrograde	-3787 Jan 17 j 19:28	14°♑27'23	
evening set	-3787 Jan 20 j 08:59	14°♑01'21	
inferior conj	-3787 Jan 27 j 12:26	9°♑20'10	3°56'53
minimum elong	-3787 Jan 27 j 14:04	9°♑16'42	3°56'37
min. Earth dist.	-3787 Jan 30 j 20:55	6°♑30'11	0.59602 AU
morning rise	-3787 Feb 03 j 17:14	3°♑48'11	
direct	-3787 Feb 10 j 05:13	1°♑54'51	
desc. node	-3787 Feb 16 j 02:28	3°♑21'37	
morning max el	-3787 Feb 24 j 10:50	9°♑32'08	27°04'04
	-3787 Mar 12 j 03:56	0°♒	
morning set	-3787 Mar 27 j 01:11	27°♒27'26	
	-3787 Mar 28 j 06:19	0°♓	
asc. node	-3787 Apr 02 j 17:26	11°♓47'40	
superior conj	-3787 Apr 03 j 03:16	12°♓41'30	0°04'18
minimum elong	-3787 Apr 03 j 03:04	12°♓40'27	0°04'12
behind sun begin	-3787 Apr 02 j 22:14	12°♓13'56	
behind sun end	-3787 Apr 03 j 07:55	13°♓06'58	
max. Earth dist.	-3787 Apr 02 j 19:48	12°♓00'38	1.32553 AU
evening rise	-3787 Apr 10 j 02:36	27°♓45'00	
	-3787 Apr 11 j 04:32	0°♈	
	-3787 Apr 28 j 05:39	0°♉	
evening max el	-3787 May 08 j 14:53	12°♉28'52	26°05'27
desc. node	-3787 May 15 j 01:13	17°♉28'00	
retrograde	-3787 May 22 j 16:57	19°♉45'43	
evening set	-3787 May 28 j 18:36	18°♉15'11	
min. Earth dist.	-3787 Jun 02 j 03:32	15°♉32'46	0.59048 AU
inferior conj	-3787 Jun 05 j 12:18	13°♉00'15	-4°16'17
minimum elong	-3787 Jun 05 j 10:35	13°♉03'31	4°16'04
morning rise	-3787 Jun 13 j 05:08	8°♉32'08	
direct	-3787 Jun 15 j 17:19	8°♉10'42	
morning max el	-3787 Jun 23 j 13:38	11°♉54'43	18°30'18
asc. node	-3787 Jun 29 j 17:01	19°♉39'27	
	-3787 Jul 05 j 17:23	0°♊	
morning set	-3787 Jul 09 j 18:11	7°♊38'46	
superior conj	-3787 Jul 18 j 19:53	24°♊55'29	1°48'37
minimum elong	-3787 Jul 18 j 20:43	24°♊59'18	1°48'45
	-3787 Jul 21 j 14:15	0°♋	
max. Earth dist.	-3787 Jul 26 j 03:03	8°♋03'24	1.39959 AU
evening rise	-3787 Jul 30 j 11:37	15°♋29'29	
	-3787 Aug 08 j 12:01	0°♌	
desc. node	-3787 Aug 11 j 00:19	3°♌50'57	
	-3787 Aug 30 j 01:41	0°♍	
evening max el	-3787 Sep 03 j 09:42	4°♍44'33	23°38'39
retrograde	-3787 Sep 14 j 00:25	11°♍00'50	
evening set	-3787 Sep 19 j 03:07	8°♍51'58	
inferior conj	-3787 Sep 24 j 10:41	2°♍32'53	-0°25'11
minimum elong	-3787 Sep 24 j 11:16	2°♍30'53	0°24'50
min. Earth dist.	-3787 Sep 24 j 00:45	3°♍06'50	0.67393 AU
asc. node	-3787 Sep 25 j 16:07	0°♍53'22	
	-3787 Sep 26 j 08:31	30°℞♌	
morning rise	-3787 Sep 29 j 19:23	26°♌22'56	
direct	-3787 Oct 03 j 20:46	24°♌50'19	
morning max el	-3787 Oct 12 j 08:27	29°♌50'13	21°07'12
	-3787 Oct 12 j 12:16	0°♍	
	-3787 Nov 03 j 10:58	0°♎	
desc. node	-3787 Nov 07 j 00:05	5°♎24'29	
morning set	-3787 Nov 11 j 11:22	12°♎20'33	
max. Earth dist.	-3787 Nov 19 j 16:22	25°♎27'23	1.42553 AU
	-3787 Nov 22 j 10:39	0°♏	
superior conj	-3787 Nov 26 j 16:59	7°♏09'45	-1°44'12
minimum elong	-3787 Nov 26 j 12:18	6°♏49'49	1°44'00
evening rise	-3787 Dec 08 j 05:33	27°♏24'26	
	-3787 Dec 09 j 16:11	0°♐	
asc. node	-3787 Dec 22 j 15:02	21°♐11'55	
evening max el	-3787 Dec 25 j 00:42	23°♐55'44	18°07'56
retrograde	-3787 Dec 31 j 17:21	27°♐23'39	
evening set	-3786 Jan 03 j 09:56	26°♐50'03	
inferior conj	-3786 Jan 10 j 00:33	21°♐47'39	4°01'19
minimum elong	-3786 Jan 09 j 23:37	21°♐49'55	4°01'08
min. Earth dist.	-3786 Jan 13 j 00:24	18°♐53'16	0.61602 AU
morning rise	-3786 Jan 16 j 12:07	16°♐00'15	
direct	-3786 Jan 23 j 12:04	13°♐33'14	
desc. node	-3786 Feb 02 j 23:32	18°♐06'17	
morning max el	-3786 Feb 06 j 13:08	21°♐17'05	27°39'04
	-3786 Feb 14 j 04:21	0°♑	
	-3786 Mar 05 j 02:35	0°♒	
morning set	-3786 Mar 11 j 06:59	12°♒07'18	
max. Earth dist.	-3786 Mar 17 j 07:30	24°♒50'58	1.32714 AU
superior conj	-3786 Mar 18 j 14:09	27°♒37'23	-0°20'54
minimum elong	-3786 Mar 18 j 15:06	27°♒42'32	0°20'48

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3786 Mar 19 j 16:20	0°♓	
asc. node	-3786 Mar 20 j 14:25	2°♓00'20	
evening rise	-3786 Mar 25 j 13:47	12°♓42'37	
	-3786 Apr 03 j 09:35	0°♈	
evening max el	-3786 Apr 20 j 08:29	23°♈30'32	24°44'58
	-3786 Apr 30 j 10:03	0°♉	
desc. node	-3786 May 01 j 22:20	0°♉22'09	
retrograde	-3786 May 04 j 08:27	0°♉35'46	
	-3786 May 08 j 07:11	30°℞♈	
evening set	-3786 May 09 j 04:06	29°♈42'50	
min. Earth dist.	-3786 May 14 j 20:37	26°♈46'03	0.57152 AU
inferior conj	-3786 May 17 j 17:59	24°♈52'11	-3°42'08
minimum elong	-3786 May 17 j 12:53	25°♈00'38	3°41'08
morning rise	-3786 May 26 j 00:46	20°♈43'18	
direct	-3786 May 28 j 12:18	20°♈25'50	
morning max el	-3786 Jun 06 j 14:50	24°♈40'18	19°17'28
	-3786 Jun 11 j 05:42	0°♉	
asc. node	-3786 Jun 16 j 14:02	8°♉23'34	
morning set	-3786 Jun 23 j 16:21	21°♉50'16	
	-3786 Jun 27 j 18:31	0°♊	
superior conj	-3786 Jul 01 j 22:47	8°♊14'28	1°47'07
minimum elong	-3786 Jul 01 j 21:35	8°♊08'37	1°47'13
max. Earth dist.	-3786 Jul 08 j 04:40	20°♊03'29	1.38013 AU
evening rise	-3786 Jul 12 j 01:14	26°♊59'23	
	-3786 Jul 13 j 18:39	0°♋	
desc. node	-3786 Jul 28 j 21:20	24°♋07'26	
	-3786 Aug 01 j 23:36	0°♌	
evening max el	-3786 Aug 16 j 20:42	18°♌14'39	24°57'20
retrograde	-3786 Aug 28 j 12:52	25°♌02'35	
evening set	-3786 Sep 03 j 06:30	22°♌35'31	
min. Earth dist.	-3786 Sep 07 j 19:09	17°♌25'36	0.67069 AU
inferior conj	-3786 Sep 08 j 15:44	16°♌17'32	-1°18'30
minimum elong	-3786 Sep 08 j 17:34	16°♌11'27	1°17'38
asc. node	-3786 Sep 12 j 13:13	11°♌37'20	
morning rise	-3786 Sep 14 j 04:39	10°♌14'39	
direct	-3786 Sep 17 j 18:30	9°♌00'36	
morning max el	-3786 Sep 25 j 08:38	13°♌24'14	19°57'25
	-3786 Oct 07 j 21:42	0°♍	
morning set	-3786 Oct 21 j 09:25	20°♍33'10	
desc. node	-3786 Oct 24 j 21:01	25°♍58'07	
	-3786 Oct 27 j 10:51	0°♎	
max. Earth dist.	-3786 Nov 02 j 03:11	8°♎59'03	1.43964 AU
superior conj	-3786 Nov 06 j 23:44	16°♎47'43	-1°17'14
minimum elong	-3786 Nov 06 j 16:40	16°♎19'04	1°16'31
	-3786 Nov 14 j 23:42	0°♏	
evening rise	-3786 Nov 20 j 09:21	9°♏09'23	
	-3786 Dec 02 j 22:49	0°♐	
evening max el	-3786 Dec 08 j 13:20	7°♐12'35	18°15'57
asc. node	-3786 Dec 09 j 12:07	8°♐07'02	
retrograde	-3786 Dec 15 j 02:20	10°♐44'33	
evening set	-3786 Dec 17 j 22:40	10°♐02'07	
inferior conj	-3786 Dec 24 j 03:10	4°♐39'43	3°45'10
minimum elong	-3786 Dec 24 j 00:38	4°♐46'38	3°44'40
min. Earth dist.	-3786 Dec 26 j 13:10	2°♐01'23	0.63418 AU
	-3786 Dec 28 j 13:36	30°℞♏	
morning rise	-3786 Dec 30 j 01:57	28°♏41'41	
direct	-3785 Jan 06 j 02:58	25°♏54'52	
	-3785 Jan 15 j 17:08	0°♐	
morning max el	-3785 Jan 19 j 20:11	3°♐39'25	27°37'46
desc. node	-3785 Jan 20 j 20:35	4°♐41'05	
	-3785 Feb 08 j 15:22	0°♑	
morning set	-3785 Feb 23 j 06:19	26°♑23'55	
	-3785 Feb 25 j 01:07	0°♒	
max. Earth dist.	-3785 Feb 28 j 13:30	7°♒18'26	1.33258 AU

superior conj	-3785 Mar 02 j 22:25	12°♒21'30	-0°45'50
minimum elong	-3785 Mar 03 j 00:26	12°♒32'19	0°45'34
asc. node	-3785 Mar 07 j 11:24	22°♒07'50	
evening rise	-3785 Mar 10 j 01:22	27°♒37'08	
	-3785 Mar 11 j 04:44	0°♓	
	-3785 Mar 29 j 02:25	0°♈	
evening max el	-3785 Apr 02 j 00:32	4°♈13'36	23°11'43
retrograde	-3785 Apr 15 j 10:48	10°♈51'22	
evening set	-3785 Apr 18 j 22:47	10°♈24'36	
desc. node	-3785 Apr 18 j 19:27	10°♈26'39	
min. Earth dist.	-3785 Apr 26 j 11:13	7°♈02'03	0.55761 AU
inferior conj	-3785 Apr 28 j 04:07	6°♈02'04	-2°27'37
minimum elong	-3785 Apr 27 j 22:24	6°♈10'29	2°25'58
morning rise	-3785 May 07 j 00:30	2°♈04'14	
direct	-3785 May 09 j 13:06	1°♈48'44	
morning max el	-3785 May 20 j 06:01	6°♈47'46	20°24'52
asc. node	-3785 Jun 03 j 11:01	27°♈38'45	
	-3785 Jun 04 j 16:17	0°♉	
morning set	-3785 Jun 07 j 21:08	6°♉24'10	
superior conj	-3785 Jun 15 j 14:12	22°♉12'42	1°37'55
minimum elong	-3785 Jun 15 j 11:52	22°♉00'53	1°37'50
	-3785 Jun 19 j 12:00	0°♊	
max. Earth dist.	-3785 Jun 20 j 10:33	1°♊49'48	1.36246 AU
evening rise	-3785 Jun 24 j 13:00	9°♊35'41	
	-3785 Jul 06 j 09:45	0°♋	
desc. node	-3785 Jul 15 j 18:22	14°♋03'16	
	-3785 Jul 28 j 13:33	0°♌	
evening max el	-3785 Jul 30 j 07:40	1°♌46'41	26°06'18
retrograde	-3785 Aug 11 j 20:34	8°♌55'44	
evening set	-3785 Aug 18 j 04:42	6°♌14'32	
min. Earth dist.	-3785 Aug 22 j 09:07	1°♌42'20	0.66410 AU
inferior conj	-3785 Aug 23 j 17:25	0°♌01'03	-2°09'56
minimum elong	-3785 Aug 23 j 20:21	29°♋51'50	2°08'43
	-3785 Aug 23 j 17:45	30°℞♋	
morning rise	-3785 Aug 29 j 12:11	24°♋08'36	
asc. node	-3785 Aug 30 j 10:17	23°♋39'41	
direct	-3785 Sep 01 j 16:45	23°♋10'02	
morning max el	-3785 Sep 08 j 15:36	27°♋05'42	19°02'03
	-3785 Sep 11 j 05:12	0°♌	
morning set	-3785 Sep 30 j 20:38	29°♌29'56	
	-3785 Oct 01 j 04:16	0°♍	
desc. node	-3785 Oct 11 j 17:59	16°♍38'52	
max. Earth dist.	-3785 Oct 15 j 19:37	23°♍03'24	1.44733 AU
superior conj	-3785 Oct 17 j 06:39	25°♍21'43	-0°34'39
minimum elong	-3785 Oct 17 j 02:15	25°♍04'18	0°34'04
	-3785 Oct 20 j 04:58	0°♎	
evening rise	-3785 Nov 01 j 14:39	19°♎55'23	
	-3785 Nov 07 j 19:09	0°♏	
evening max el	-3785 Nov 22 j 01:19	20°♏36'47	18°42'06
asc. node	-3785 Nov 26 j 09:11	23°♏51'35	
retrograde	-3785 Nov 28 j 18:30	24°♏22'50	
evening set	-3785 Dec 01 j 19:59	23°♏29'53	
inferior conj	-3785 Dec 07 j 16:39	17°♏49'50	3°15'01
minimum elong	-3785 Dec 07 j 13:31	17°♏59'14	3°14'09
min. Earth dist.	-3785 Dec 09 j 11:47	15°♏40'26	0.64912 AU
morning rise	-3785 Dec 13 j 06:42	11°♏43'54	
direct	-3785 Dec 20 j 00:29	8°♏52'43	
morning max el	-3784 Jan 02 j 05:35	16°♏30'17	27°03'08
desc. node	-3784 Jan 07 j 17:37	22°♏34'39	
	-3784 Jan 13 j 12:03	0°♐	
	-3784 Feb 01 j 10:01	0°♑	
morning set	-3784 Feb 06 j 20:07	10°♑07'25	
max. Earth dist.	-3784 Feb 11 j 10:19	19°♑13'56	1.34226 AU
superior conj	-3784 Feb 15 j 02:06	26°♑47'17	-1°09'24

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3784 Feb 15 j 04:57	27°♓02'13	1°09'04	
	-3784 Feb 16 j 14:46	0°♒		
evening rise	-3784 Feb 22 j 11:36	12°♒22'30		
asc. node	-3784 Feb 22 j 08:25	12°♒05'54		
	-3784 Mar 02 j 15:34	0°♓		
evening max el	-3784 Mar 13 j 21:07	15°♓04'53	21°39'39	
retrograde	-3784 Mar 26 j 02:20	20°♓58'25		
evening set	-3784 Mar 28 j 16:57	20°♓43'07		
desc. node	-3784 Apr 04 j 16:32	17°♓59'08		
inferior conj	-3784 Apr 07 j 01:08	16°♓40'52	-0°39'16	
minimum elong	-3784 Apr 06 j 23:18	16°♓43'26	0°38'39	
min. Earth dist.	-3784 Apr 07 j 01:00	16°♓41'02	0.55167 AU	
morning rise	-3784 Apr 16 j 06:13	12°♓39'32		
direct	-3784 Apr 19 j 02:17	12°♓21'46		
morning max el	-3784 May 01 j 10:15	18°♓13'17	21°50'21	
	-3784 May 10 j 19:26	0°♈		
asc. node	-3784 May 20 j 08:01	17°♈17'15		
morning set	-3784 May 22 j 06:16	21°♈14'02		
	-3784 May 26 j 10:30	0°♉		
superior conj	-3784 May 29 j 14:25	6°♉39'23	1°23'05	
minimum elong	-3784 May 29 j 11:44	6°♉25'22	1°22'49	
max. Earth dist.	-3784 Jun 02 j 01:29	13°♉48'08	1.34796 AU	
evening rise	-3784 Jun 06 j 17:36	23°♉03'45		
	-3784 Jun 10 j 10:04	0°♊		
	-3784 Jun 29 j 01:20	0°♋		
desc. node	-3784 Jul 01 j 15:25	3°♋29'33		
evening max el	-3784 Jul 11 j 19:06	15°♋13'46	26°57'22	
retrograde	-3784 Jul 24 j 23:03	22°♋33'53		
evening set	-3784 Jul 31 j 19:17	19°♋45'56		
min. Earth dist.	-3784 Aug 04 j 16:13	15°♋52'09	0.65387 AU	
inferior conj	-3784 Aug 06 j 13:41	13°♋40'02	-2°57'25	
minimum elong	-3784 Aug 06 j 17:22	13°♋29'17	2°56'10	
morning rise	-3784 Aug 12 j 15:51	8°♋01'20		
direct	-3784 Aug 15 j 13:26	7°♋15'06		
asc. node	-3784 Aug 16 j 07:22	7°♋18'10		
morning max el	-3784 Aug 22 j 03:40	10°♋51'38	18°22'48	
	-3784 Sep 04 j 11:32	0°♌		
morning set	-3784 Sep 10 j 10:03	9°♌43'48		
	-3784 Sep 22 j 23:05	0°♍		
superior conj	-3784 Sep 25 j 06:35	3°♍40'15	0°14'55	
minimum elong	-3784 Sep 25 j 08:29	3°♍47'48	0°14'43	
behind sun begin	-3784 Sep 25 j 03:38	3°♍28'35		
behind sun end	-3784 Sep 25 j 13:20	4°♍06'59		
max. Earth dist.	-3784 Sep 27 j 14:11	7°♍20'01	1.44775 AU	
desc. node	-3784 Sep 27 j 14:56	7°♍23'00		
evening rise	-3784 Oct 11 j 19:05	29°♍37'51		
	-3784 Oct 12 j 00:44	0°♎		
greatest brilliancy	-3784 Oct 22 j 11:16	16°♎16'23	-0.8m	
	-3784 Oct 31 j 23:02	0°♏		
evening max el	-3784 Nov 04 j 10:09	4°♏03'14	19°25'09	
retrograde	-3784 Nov 11 j 14:34	8°♏12'20		
asc. node	-3784 Nov 12 j 06:18	8°♏09'52		
evening set	-3784 Nov 14 j 23:02	7°♏06'44		
inferior conj	-3784 Nov 20 j 13:51	1°♏12'02	2°35'18	
minimum elong	-3784 Nov 20 j 10:53	1°♏21'37	2°34'17	
	-3784 Nov 21 j 12:12	30°℞♎		
min. Earth dist.	-3784 Nov 21 j 19:13	29°♎37'34	0.66042 AU	
morning rise	-3784 Nov 25 j 22:29	25°♎00'25		
direct	-3784 Dec 02 j 03:54	22°♎17'18		
morning max el	-3784 Dec 14 j 15:09	29°♎37'20	26°02'00	
	-3784 Dec 15 j 00:08	0°♏		
desc. node	-3784 Dec 24 j 14:39	11°♏23'12		
	-3783 Jan 06 j 09:09	0°♐		
morning set	-3783 Jan 19 j 20:13	23°♐04'24		
	-3783 Jan 23 j 12:10	0°♑		
max. Earth dist.	-3783 Jan 23 j 19:37	0°♑35'58	1.35636 AU	
	-3783 Jan 28 j 22:42	10°♑46'21	-1°30'10	
superior conj	-3783 Jan 29 j 01:54	11°♑02'30	1°29'55	
minimum elong	-3783 Feb 05 j 18:35	26°♑51'36		
evening rise	-3783 Feb 07 j 07:42	0°♒		
	-3783 Feb 08 j 05:26	1°♒48'55		
asc. node	-3783 Feb 24 j 02:56	26°♒24'45	20°19'34	
evening max el	-3783 Mar 01 j 00:18	0°♓		
	-3783 Mar 06 j 17:05	1°♓26'49		
retrograde	-3783 Mar 09 j 00:13	1°♓13'36		
evening set	-3783 Mar 12 j 19:26	30°℞♒		
	-3783 Mar 17 j 22:07	27°♒14'49	1°16'04	
inferior conj	-3783 Mar 18 j 01:21	27°♒10'01	1°14'55	
minimum elong	-3783 Mar 19 j 15:01	26°♒14'19	0.55498 AU	
min. Earth dist.	-3783 Mar 22 j 13:38	24°♒36'59		
desc. node	-3783 Mar 27 j 00:51	22°♒52'00		
morning rise	-3783 Mar 30 j 15:57	22°♒23'16		
direct	-3783 Apr 13 j 05:27	29°♒03'29	23°27'45	
morning max el	-3783 Apr 14 j 04:35	0°♓		
	-3783 May 03 j 16:59	0°♈		
	-3783 May 06 j 17:49	6°♈13'35		
morning set	-3783 May 07 j 05:02	7°♈12'26		
asc. node	-3783 May 13 j 20:33	21°♈25'30	1°04'10	
superior conj	-3783 May 13 j 18:07	21°♈12'28	1°03'49	
minimum elong	-3783 May 16 j 02:08	26°♈10'32	1.33709 AU	
max. Earth dist.	-3783 May 17 j 21:56	0°♉		
	-3783 May 21 j 10:21	7°♉09'58		
evening rise	-3783 Jun 02 j 22:59	0°♊		
	-3783 Jun 18 j 12:27	22°♊14'00		
desc. node	-3783 Jun 24 j 05:52	28°♊25'05	27°23'17	
evening max el	-3783 Jun 25 j 23:09	0°♋		
	-3783 Jul 07 j 20:06	5°♋49'11		
retrograde	-3783 Jul 14 j 23:20	3°♋05'52		
evening set	-3783 Jul 18 j 09:36	30°℞♊		
	-3783 Jul 18 j 14:37	29°♊47'09	0.63980 AU	
min. Earth dist.	-3783 Jul 21 j 02:06	27°♊10'06	-3°38'11	
inferior conj	-3783 Jul 21 j 05:52	27°♊00'08	3°37'13	
minimum elong	-3783 Jul 27 j 13:11	21°♊48'19		
morning rise	-3783 Jul 30 j 05:56	21°♊11'36		
direct	-3783 Aug 03 j 04:28	22°♊29'32		
asc. node	-3783 Aug 05 j 18:23	24°♊37'43	18°00'48	
morning max el	-3783 Aug 10 j 03:35	0°♋		
	-3783 Aug 23 j 01:56	21°♋13'29		
morning set	-3783 Aug 28 j 05:20	0°♌		
	-3783 Sep 04 j 22:02	12°♌47'40	0°58'39	
superior conj	-3783 Sep 05 j 03:38	13°♌10'31	0°58'07	
minimum elong	-3783 Sep 10 j 06:58	21°♌27'55	1.44100 AU	
max. Earth dist.	-3783 Sep 14 j 11:54	28°♌07'46		
desc. node	-3783 Sep 15 j 16:29	0°♍		
	-3783 Sep 21 j 03:49	8°♍30'45		
evening rise	-3783 Oct 05 j 08:09	0°♎		
	-3783 Oct 18 j 13:54	17°♎29'47	20°23'18	
evening max el	-3783 Oct 26 j 11:57	22°♎09'36		
retrograde	-3783 Oct 30 j 05:32	20°♎48'57		
evening set	-3783 Oct 30 j 03:25	20°♎52'44		
asc. node	-3783 Nov 04 j 16:17	14°♎43'00	1°49'06	
inferior conj	-3783 Nov 04 j 13:58	14°♎50'49	1°48'12	
minimum elong	-3783 Nov 05 j 09:29	13°♎45'03	0.66824 AU	
min. Earth dist.	-3783 Nov 09 j 22:12	8°♎28'11		
morning rise	-3783 Nov 15 j 12:52	6°♎01'17		
direct	-3783 Nov 26 j 23:58	12°♎50'54	24°43'26	
morning max el	-3783 Dec 10 j 21:13	0°♏		
	-3783 Dec 11 j 11:41	0°♏50'49		
desc. node	-3783 Dec 30 j 04:05	0°♐		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3782 Jan	02 j 01:09	4°♐59'54	
max. Earth dist.	-3782 Jan	05 j 18:42	11°♐41'57	1.37447 AU
superior conj	-3782 Jan	12 j 09:05	24°♐10'00	-1°46'07
minimum elong	-3782 Jan	12 j 11:44	24°♐22'53	1°46'05
	-3782 Jan	15 j 08:19	0°♑	
evening rise	-3782 Jan	20 j 20:10	10°♑58'22	
asc. node	-3782 Jan	26 j 02:29	21°♑11'14	
	-3782 Jan	31 j 05:22	0°♒	
evening max el	-3782 Feb	06 j 19:26	8°♒21'10	19°17'11
retrograde	-3782 Feb	15 j 18:51	12°♒37'48	
evening set	-3782 Feb	18 j 03:10	12°♒21'33	
inferior conj	-3782 Feb	26 j 08:22	8°♒12'00	2°47'29
minimum elong	-3782 Feb	26 j 13:20	8°♒03'38	2°46'07
min. Earth dist.	-3782 Mar	01 j 06:08	6°♒15'37	0.56683 AU
morning rise	-3782 Mar	06 j 20:46	3°♒18'36	
desc. node	-3782 Mar	09 j 10:47	2°♒36'30	
direct	-3782 Mar	11 j 16:43	2°♒24'39	
morning max el	-3782 Mar	25 j 20:31	9°♒38'42	25°05'23
	-3782 Apr	10 j 02:28	0°♓	
morning set	-3782 Apr	21 j 06:03	21°♓16'10	
asc. node	-3782 Apr	24 j 02:02	27°♓18'27	
	-3782 Apr	25 j 07:54	0°♈	
superior conj	-3782 Apr	28 j 06:19	6°♈22'56	0°42'21
minimum elong	-3782 Apr	28 j 04:34	6°♈13'21	0°42'01
max. Earth dist.	-3782 Apr	29 j 10:22	8°♈55'04	1.32988 AU
evening rise	-3782 May	05 j 11:33	21°♈42'18	
	-3782 May	09 j 15:43	0°♉	
	-3782 May	27 j 23:24	0°♊	
desc. node	-3782 Jun	05 j 09:33	9°♊58'23	
evening max el	-3782 Jun	06 j 13:56	11°♊08'14	27°18'36
retrograde	-3782 Jun	20 j 10:59	18°♊31'34	
evening set	-3782 Jun	27 j 13:01	16°♊07'07	
min. Earth dist.	-3782 Jul	01 j 03:15	13°♊14'20	0.62222 AU
inferior conj	-3782 Jul	04 j 03:39	10°♊24'12	-4°08'02
minimum elong	-3782 Jul	04 j 06:24	10°♊17'43	4°07'33
morning rise	-3782 Jul	11 j 01:06	5°♊21'53	
direct	-3782 Jul	13 j 14:59	4°♊52'19	
morning max el	-3782 Jul	20 j 08:58	8°♊17'07	17°56'58
asc. node	-3782 Jul	21 j 01:33	8°♊59'24	
	-3782 Aug	03 j 13:21	0°♋	
morning set	-3782 Aug	05 j 15:16	3°♋44'30	
superior conj	-3782 Aug	16 j 16:21	23°♋14'44	1°28'58
minimum elong	-3782 Aug	16 j 21:17	23°♋35'49	1°28'41
	-3782 Aug	20 j 16:17	0°♌	
max. Earth dist.	-3782 Aug	23 j 19:09	5°♌09'04	1.42808 AU
evening rise	-3782 Aug	31 j 09:02	17°♌16'26	
desc. node	-3782 Sep	01 j 08:52	18°♌49'34	
	-3782 Sep	08 j 15:55	0°♍	
	-3782 Sep	30 j 14:23	0°♎	
evening max el	-3782 Oct	01 j 11:32	0°♎55'23	21°33'46
retrograde	-3782 Oct	10 j 08:29	6°♎11'26	
evening set	-3782 Oct	14 j 13:26	4°♎33'17	
asc. node	-3782 Oct	17 j 00:33	2°♎06'12	
	-3782 Oct	18 j 16:20	30°℞♍	
inferior conj	-3782 Oct	19 j 21:44	28°♍19'41	0°58'38
minimum elong	-3782 Oct	19 j 20:24	28°♍24'16	0°58'06
min. Earth dist.	-3782 Oct	20 j 04:03	27°♍57'54	0.67282 AU
morning rise	-3782 Oct	25 j 03:12	22°♍04'26	
direct	-3782 Oct	30 j 02:41	19°♍58'04	
morning max el	-3782 Nov	09 j 09:23	26°♍06'26	23°17'17
	-3782 Nov	12 j 22:43	0°♎	
desc. node	-3782 Nov	28 j 08:41	20°♎45'50	
	-3782 Dec	04 j 11:29	0°♏	
morning set	-3782 Dec	14 j 04:44	15°♏37'47	
max. Earth dist.	-3782 Dec	18 j 14:08	23°♏06'45	1.39496 AU
	-3782 Dec	22 j 11:44	0°♐	
superior conj	-3782 Dec	26 j 05:02	6°♐47'12	-1°54'36
minimum elong	-3782 Dec	26 j 05:51	6°♐50'59	1°54'44
evening rise	-3781 Jan	04 j 13:41	24°♐35'59	
	-3781 Jan	07 j 09:25	0°♑	
asc. node	-3781 Jan	12 j 23:33	10°♑05'53	
evening max el	-3781 Jan	20 j 21:12	20°♑50'53	18°34'36
retrograde	-3781 Jan	28 j 14:29	24°♑36'33	
evening set	-3781 Jan	31 j 02:19	24°♑14'25	
inferior conj	-3781 Feb	07 j 14:30	19°♑45'57	3°41'37
minimum elong	-3781 Feb	07 j 17:45	19°♑39'37	3°41'01
min. Earth dist.	-3781 Feb	10 j 23:39	17°♑09'01	0.58455 AU
morning rise	-3781 Feb	15 j 06:49	14°♑26'04	
direct	-3781 Feb	21 j 06:59	12°♑54'57	
desc. node	-3781 Feb	24 j 07:55	13°♑17'55	
morning max el	-3781 Mar	07 j 13:21	20°♑26'33	26°28'19
	-3781 Mar	15 j 18:52	0°♒	
	-3781 Apr	02 j 15:54	0°♓	
morning set	-3781 Apr	05 j 17:16	6°♓15'49	
asc. node	-3781 Apr	10 j 23:03	17°♓30'49	
superior conj	-3781 Apr	12 j 17:53	21°♓25'08	0°18'35
minimum elong	-3781 Apr	12 j 17:04	21°♓20'40	0°18'22
max. Earth dist.	-3781 Apr	12 j 23:02	21°♓53'16	1.32617 AU
	-3781 Apr	16 j 16:32	0°♈	
evening rise	-3781 Apr	19 j 18:24	6°♈31'25	
	-3781 May	02 j 05:54	0°♉	
evening max el	-3781 May	19 j 17:03	23°♉13'15	26°41'03
desc. node	-3781 May	23 j 06:38	26°♉17'27	
	-3781 May	30 j 03:23	0°♊	
retrograde	-3781 Jun	02 j 18:10	0°♊32'44	
	-3781 Jun	06 j 07:10	30°℞♉	
evening set	-3781 Jun	09 j 08:06	28°♉40'30	
min. Earth dist.	-3781 Jun	13 j 06:30	25°♉58'57	0.60229 AU
inferior conj	-3781 Jun	16 j 14:48	23°♉14'01	-4°20'30
minimum elong	-3781 Jun	16 j 15:05	23°♉13'27	4°20'22
morning rise	-3781 Jun	24 j 00:06	18°♉32'58	
direct	-3781 Jun	26 j 12:39	18°♉08'50	
morning max el	-3781 Jul	03 j 20:35	21°♉42'30	18°12'18
asc. node	-3781 Jul	07 j 22:36	26°♉32'15	
	-3781 Jul	10 j 06:37	0°♊	
morning set	-3781 Jul	19 j 20:42	17°♊03'21	
	-3781 Jul	26 j 18:59	0°♋	
superior conj	-3781 Jul	29 j 12:56	5°♋00'21	1°45'00
minimum elong	-3781 Jul	29 j 15:16	5°♋10'52	1°45'02
max. Earth dist.	-3781 Aug	06 j 01:58	18°♋12'19	1.41076 AU
evening rise	-3781 Aug	11 j 06:17	26°♋48'34	
	-3781 Aug	13 j 05:42	0°♌	
desc. node	-3781 Aug	19 j 05:49	9°♌25'02	
	-3781 Sep	02 j 09:22	0°♍	
evening max el	-3781 Sep	14 j 03:30	14°♍21'22	22°52'15
retrograde	-3781 Sep	24 j 02:35	20°♍15'41	
evening set	-3781 Sep	28 j 20:57	18°♍18'14	
asc. node	-3781 Oct	03 j 21:41	12°♍23'23	
inferior conj	-3781 Oct	04 j 04:21	12°♍00'23	0°05'43
minimum elong	-3781 Oct	04 j 04:13	12°♍00'52	0°05'44
transit middle	-3781 Oct	04 j 04:13	12°♍00'52	0°05'44
transit begin	-3781 Oct	04 j 01:41	12°♍09'35	
transit end	-3781 Oct	04 j 06:45	11°♍52'09	
min. Earth dist.	-3781 Oct	04 j 00:23	12°♍14'03	0.67442 AU
morning rise	-3781 Oct	09 j 11:22	5°♍47'42	
direct	-3781 Oct	13 j 20:27	4°♍02'57	
morning max el	-3781 Oct	22 j 22:40	9°♍26'29	21°52'30
	-3781 Nov	07 j 19:42	0°♎	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3781 Nov 15 j 05:38	11°♎00'03	
morning set	-3781 Nov 24 j 03:24	24°♎51'29	
	-3781 Nov 27 j 07:57	0°♏	
max. Earth dist.	-3781 Nov 30 j 13:50	5°♏20'32	1.41520 AU
superior conj	-3781 Dec 08 j 05:06	18°♏23'25	-1°52'08
minimum elong	-3781 Dec 08 j 02:38	18°♏12'34	1°52'10
	-3781 Dec 14 j 16:33	0°♐	
evening rise	-3781 Dec 18 j 19:48	7°♐36'19	
asc. node	-3781 Dec 30 j 20:38	28°♐23'12	
	-3780 Jan 01 j 00:30	0°♑	
evening max el	-3780 Jan 04 j 05:25	3°♑44'34	18°12'01
retrograde	-3780 Jan 11 j 03:55	7°♑14'56	
evening set	-3780 Jan 13 j 18:52	6°♑45'39	
inferior conj	-3780 Jan 20 j 16:29	1°♑55'19	4°01'46
minimum elong	-3780 Jan 20 j 16:57	1°♑54'17	4°01'36
	-3780 Jan 22 j 19:21	30°℞♐	
min. Earth dist.	-3780 Jan 23 j 22:15	29°♐00'52	0.60463 AU
morning rise	-3780 Jan 27 j 13:29	26°♐16'27	
direct	-3780 Feb 03 j 08:11	24°♐07'30	
desc. node	-3780 Feb 11 j 05:01	26°♐42'37	
	-3780 Feb 15 j 13:34	0°♑	
morning max el	-3780 Feb 17 j 11:50	1°♑47'24	27°23'21
	-3780 Mar 08 j 23:33	0°♒	
morning set	-3780 Mar 20 j 01:36	21°♒04'45	
	-3780 Mar 24 j 06:43	0°♓	
max. Earth dist.	-3780 Mar 26 j 12:16	4°♓50'51	1.32585 AU
superior conj	-3780 Mar 27 j 05:28	6°♓24'45	-0°06'22
minimum elong	-3780 Mar 27 j 05:45	6°♓26'20	0°06'23
behind sun begin	-3780 Mar 27 j 01:07	6°♓01'02	
behind sun end	-3780 Mar 27 j 10:23	6°♓51'38	
asc. node	-3780 Mar 27 j 20:02	7°♓44'24	
evening rise	-3780 Apr 03 j 04:34	21°♓27'55	
	-3780 Apr 07 j 08:57	0°♈	
	-3780 Apr 26 j 06:37	0°♉	
evening max el	-3780 Apr 30 j 13:46	4°♉35'27	25°33'36
desc. node	-3780 May 09 j 03:45	10°♉37'01	
retrograde	-3780 May 14 j 15:34	11°♉47'43	
evening set	-3780 May 20 j 05:31	10°♉34'01	
min. Earth dist.	-3780 May 25 j 02:07	7°♉47'11	0.58213 AU
inferior conj	-3780 May 28 j 07:56	5°♉29'04	-4°06'23
minimum elong	-3780 May 28 j 04:39	5°♉34'57	4°05'56
morning rise	-3780 Jun 05 j 06:33	1°♉09'25	
direct	-3780 Jun 07 j 18:35	0°♉49'39	
morning max el	-3780 Jun 16 j 02:17	4°♉44'41	18°47'47
asc. node	-3780 Jun 23 j 19:37	14°♉53'30	
	-3780 Jul 02 j 01:47	0°♊	
morning set	-3780 Jul 02 j 13:45	0°♊58'17	
superior conj	-3780 Jul 11 j 06:23	17°♊49'48	1°49'04
minimum elong	-3780 Jul 11 j 06:14	17°♊49'07	1°49'13
	-3780 Jul 17 j 21:01	0°♋	
max. Earth dist.	-3780 Jul 18 j 04:40	0°♋34'03	1.39130 AU
evening rise	-3780 Jul 22 j 05:05	7°♋34'28	
desc. node	-3780 Aug 05 j 02:48	29°♋50'04	
	-3780 Aug 05 j 05:27	0°♌	
evening max el	-3780 Aug 26 j 15:34	27°♌49'39	24°12'50
	-3780 Aug 28 j 23:24	0°♍	
retrograde	-3780 Sep 06 j 17:13	4°♍19'46	
evening set	-3780 Sep 12 j 02:21	2°♍02'48	
	-3780 Sep 14 j 02:50	30°℞♌	
inferior conj	-3780 Sep 17 j 10:27	25°♌44'02	-0°47'55
minimum elong	-3780 Sep 17 j 11:34	25°♌40'14	0°47'20
min. Earth dist.	-3780 Sep 16 j 20:05	26°♌32'32	0.67298 AU
asc. node	-3780 Sep 19 j 18:47	22°♌40'47	
morning rise	-3780 Sep 22 j 20:46	19°♌36'54	
direct	-3780 Sep 26 j 17:02	18°♌12'28	
morning max el	-3780 Oct 04 j 18:39	22°♌55'26	20°35'59
	-3780 Oct 10 j 17:25	0°♍	
	-3780 Oct 31 j 03:47	0°♎	
desc. node	-3780 Nov 01 j 02:34	1°♎28'00	
morning set	-3780 Nov 02 j 04:41	3°♎09'15	
max. Earth dist.	-3780 Nov 11 j 21:18	18°♎29'08	1.43223 AU
superior conj	-3780 Nov 18 j 03:47	28°♎45'49	-1°34'53
minimum elong	-3780 Nov 17 j 21:41	28°♎20'25	1°34'26
	-3780 Nov 18 j 21:34	0°♏	
evening rise	-3780 Nov 30 j 10:33	19°♏51'38	
	-3780 Dec 06 j 05:28	0°♐	
asc. node	-3780 Dec 16 j 17:42	15°♐52'04	
evening max el	-3780 Dec 17 j 17:10	16°♐54'30	18°09'01
retrograde	-3780 Dec 24 j 07:11	20°♐22'57	
evening set	-3780 Dec 27 j 01:17	19°♐45'39	
inferior conj	-3779 Jan 02 j 11:14	14°♐34'10	3°56'34
minimum elong	-3779 Jan 02 j 09:30	14°♐38'38	3°56'15
min. Earth dist.	-3779 Jan 05 j 05:22	11°♐44'52	0.62405 AU
morning rise	-3779 Jan 08 j 16:50	8°♐41'49	
direct	-3779 Jan 15 j 18:17	6°♐04'54	
desc. node	-3779 Jan 28 j 02:06	12°♐18'25	
morning max el	-3779 Jan 29 j 16:31	13°♐49'10	27°43'00
	-3779 Feb 11 j 18:42	0°♑	
	-3779 Mar 01 j 09:30	0°♒	
morning set	-3779 Mar 04 j 04:58	5°♒35'40	
max. Earth dist.	-3779 Mar 09 j 22:14	17°♒33'55	1.32904 AU
superior conj	-3779 Mar 11 j 15:25	21°♒16'00	-0°31'34
minimum elong	-3779 Mar 11 j 16:50	21°♒23'40	0°31'23
asc. node	-3779 Mar 14 j 17:01	27°♒55'13	
	-3779 Mar 15 j 16:05	0°♓	
evening rise	-3779 Mar 18 j 16:07	6°♓24'53	
	-3779 Mar 31 j 05:55	0°♈	
evening max el	-3779 Apr 12 j 05:52	15°♈25'17	24°05'50
retrograde	-3779 Apr 26 j 01:21	22°♈21'04	
desc. node	-3779 Apr 26 j 00:52	22°♈21'04	
evening set	-3779 Apr 30 j 07:21	21°♈40'51	
min. Earth dist.	-3779 May 06 j 17:25	18°♈34'38	0.56486 AU
inferior conj	-3779 May 09 j 04:55	17°♈02'14	-3°15'30
minimum elong	-3779 May 08 j 23:01	17°♈11'27	3°14'06
morning rise	-3779 May 17 j 17:46	12°♈59'48	
direct	-3779 May 20 j 05:32	12°♈43'27	
morning max el	-3779 May 29 j 23:25	17°♈14'40	19°43'46
	-3779 Jun 08 j 12:04	0°♉	
asc. node	-3779 Jun 10 j 16:36	3°♉51'38	
morning set	-3779 Jun 16 j 15:01	15°♉20'03	
	-3779 Jun 23 j 21:36	0°♊	
superior conj	-3779 Jun 24 j 15:07	1°♊27'01	1°44'01
minimum elong	-3779 Jun 24 j 13:20	1°♊18'10	1°44'03
max. Earth dist.	-3779 Jun 30 j 07:26	12°♊25'14	1.37227 AU
evening rise	-3779 Jul 04 j 04:41	19°♊33'41	
	-3779 Jul 10 j 04:47	0°♋	
desc. node	-3779 Jul 22 j 23:49	19°♋58'42	
	-3779 Jul 30 j 06:58	0°♌	
evening max el	-3779 Aug 09 j 02:10	11°♌20'18	25°28'19
retrograde	-3779 Aug 21 j 03:42	18°♌18'43	
evening set	-3779 Aug 27 j 03:47	15°♌44'36	
min. Earth dist.	-3779 Aug 31 j 12:45	10°♌50'49	0.66832 AU
inferior conj	-3779 Sep 01 j 14:15	9°♌28'09	-1°40'41
minimum elong	-3779 Sep 01 j 16:36	9°♌20'35	1°39'39
asc. node	-3779 Sep 06 j 15:51	3°♌53'48	
morning rise	-3779 Sep 07 j 05:31	3°♌29'37	
direct	-3779 Sep 10 j 15:05	2°♌22'42	
morning max el	-3779 Sep 17 j 21:59	6°♌33'16	19°32'02

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3779 Oct 04 j 18:40	0°♍	
morning set	-3779 Oct 12 j 05:43	11°♍33'35	
desc. node	-3779 Oct 18 j 23:29	22°♍04'57	
	-3779 Oct 24 j 00:18	0°♎	
max. Earth dist.	-3779 Oct 25 j 11:02	2°♎17'29	1.44374 AU
superior conj	-3779 Oct 28 j 23:06	7°♎52'06	-1°00'44
minimum elong	-3779 Oct 28 j 16:26	7°♎25'27	0°59'58
	-3779 Nov 11 j 11:57	0°♏	
evening rise	-3779 Nov 12 j 05:17	1°♏12'22	
evening max el	-3779 Dec 01 j 05:44	0°♐14'09	18°24'53
	-3779 Dec 01 j 00:16	0°♐	
asc. node	-3779 Dec 03 j 14:47	2°♐18'35	
retrograde	-3779 Dec 07 j 19:46	3°♐51'23	
evening set	-3779 Dec 10 j 18:00	3°♐04'48	
	-3779 Dec 14 j 13:58	30°℞♏	
inferior conj	-3779 Dec 16 j 18:53	27°♏34'25	3°33'48
minimum elong	-3779 Dec 16 j 16:00	27°♏42'41	3°33'07
min. Earth dist.	-3779 Dec 18 j 22:30	25°♏07'10	0.64091 AU
morning rise	-3779 Dec 22 j 13:28	21°♏32'25	
direct	-3779 Dec 29 j 12:03	18°♏42'03	
morning max el	-3778 Jan 12 j 01:07	26°♏25'29	27°26'51
desc. node	-3778 Jan 14 j 23:08	29°♏29'39	
	-3778 Jan 15 j 09:59	0°♐	
	-3778 Feb 05 j 07:48	0°♑	
morning set	-3778 Feb 16 j 00:42	19°♑39'31	
max. Earth dist.	-3778 Feb 21 j 00:48	29°♑48'35	1.33610 AU
	-3778 Feb 21 j 02:59	0°♒	
superior conj	-3778 Feb 23 j 21:59	5°♒52'46	-0°56'06
minimum elong	-3778 Feb 24 j 00:24	6°♒05'36	0°55'46
asc. node	-3778 Mar 01 j 14:02	17°♒59'08	
evening rise	-3778 Mar 03 j 03:20	21°♒15'53	
	-3778 Mar 07 j 10:21	0°♓	
evening max el	-3778 Mar 24 j 22:58	26°♓08'20	22°31'41
	-3778 Mar 29 j 20:46	0°♈	
retrograde	-3778 Apr 06 j 23:06	2°♈29'54	
evening set	-3778 Apr 10 j 00:01	2°♈09'37	
desc. node	-3778 Apr 12 j 21:59	1°♈15'10	
	-3778 Apr 15 j 15:22	30°℞♓	
min. Earth dist.	-3778 Apr 18 j 07:40	28°♓32'04	0.55391 AU
inferior conj	-3778 Apr 19 j 08:18	27°♓56'55	-1°44'40
minimum elong	-3778 Apr 19 j 03:45	28°♓03'25	1°43'12
morning rise	-3778 Apr 28 j 09:22	23°♓59'55	
direct	-3778 Apr 30 j 23:41	23°♓44'21	
morning max el	-3778 May 12 j 10:07	29°♓05'28	20°59'19
	-3778 May 13 j 08:39	0°♈	
asc. node	-3778 May 28 j 13:37	23°♈17'55	
morning set	-3778 May 31 j 21:56	0°♉02'00	
	-3778 May 31 j 21:33	0°♉	
superior conj	-3778 Jun 08 j 10:45	15°♉39'29	1°32'13
minimum elong	-3778 Jun 08 j 08:11	15°♉26'18	1°32'04
max. Earth dist.	-3778 Jun 12 j 16:33	24°♉13'27	1.35581 AU
	-3778 Jun 15 j 15:45	0°♊	
evening rise	-3778 Jun 17 j 00:18	2°♊34'32	
	-3778 Jul 03 j 03:35	0°♋	
desc. node	-3778 Jul 09 j 20:52	9°♋43'44	
evening max el	-3778 Jul 22 j 13:13	24°♋51'06	26°30'36
	-3778 Jul 28 j 22:44	0°♌	
retrograde	-3778 Aug 04 j 09:28	2°♌06'53	
	-3778 Aug 10 j 03:50	30°℞♋	
evening set	-3778 Aug 10 j 23:07	29°♋21'29	
min. Earth dist.	-3778 Aug 15 j 00:08	25°♋05'42	0.66020 AU
inferior conj	-3778 Aug 16 j 13:56	23°♋10'35	-2°30'43
minimum elong	-3778 Aug 16 j 17:16	23°♋00'28	2°29'27
morning rise	-3778 Aug 22 j 11:41	17°♋23'37	
asc. node	-3778 Aug 24 j 12:55	16°♋36'31	
direct	-3778 Aug 25 j 12:53	16°♋30'52	
morning max el	-3778 Sep 01 j 07:27	20°♋17'40	18°43'15
	-3778 Sep 08 j 19:04	0°♌	
morning set	-3778 Sep 22 j 03:19	21°♌01'13	
	-3778 Sep 27 j 18:23	0°♍	
desc. node	-3778 Oct 05 j 20:27	12°♍47'33	
superior conj	-3778 Oct 08 j 00:19	16°♍11'53	-0°13'43
minimum elong	-3778 Oct 07 j 22:30	16°♍04'46	0°13'26
behind sun begin	-3778 Oct 07 j 15:56	15°♍38'54	
behind sun end	-3778 Oct 08 j 05:04	16°♍30'37	
max. Earth dist.	-3778 Oct 08 j 04:11	16°♍27'09	1.44841 AU
	-3778 Oct 16 j 18:16	0°♎	
evening rise	-3778 Oct 23 j 23:58	11°♎30'46	
	-3778 Nov 04 j 15:19	0°♏	
evening max el	-3778 Nov 14 j 16:37	13°♏39'22	18°58'28
asc. node	-3778 Nov 20 j 11:52	17°♏27'48	
retrograde	-3778 Nov 21 j 13:55	17°♏34'26	
evening set	-3778 Nov 24 j 18:02	16°♏36'34	
inferior conj	-3778 Nov 30 j 12:01	10°♏50'04	2°59'07
minimum elong	-3778 Nov 30 j 08:52	10°♏59'49	2°58'09
min. Earth dist.	-3778 Dec 02 j 01:13	8°♏54'46	0.65438 AU
morning rise	-3778 Dec 05 j 23:22	4°♏41'15	
direct	-3778 Dec 12 j 12:22	1°♏51'51	
morning max el	-3778 Dec 25 j 10:45	9°♏24'15	26°39'46
desc. node	-3777 Jan 01 j 20:10	17°♏48'47	
	-3777 Jan 10 j 17:38	0°♐	
	-3777 Jan 28 j 17:58	0°♑	
morning set	-3777 Jan 30 j 09:16	3°♑04'46	
max. Earth dist.	-3777 Feb 03 j 16:29	11°♑27'03	1.34762 AU
superior conj	-3777 Feb 07 j 23:00	20°♑07'57	-1°18'41
minimum elong	-3777 Feb 08 j 02:05	20°♑23'51	1°18'22
	-3777 Feb 12 j 16:24	0°♒	
evening rise	-3777 Feb 15 j 12:25	5°♒54'33	
asc. node	-3777 Feb 16 j 11:04	7°♒51'11	
	-3777 Feb 28 j 21:48	0°♓	
evening max el	-3777 Mar 06 j 23:12	7°♓10'16	21°03'49
retrograde	-3777 Mar 18 j 12:44	12°♓41'49	
evening set	-3777 Mar 20 j 22:22	12°♓28'24	
inferior conj	-3777 Mar 30 j 03:32	8°♓30'08	0°10'50
minimum elong	-3777 Mar 30 j 04:02	8°♓29'26	0°10'36
transit middle	-3777 Mar 30 j 04:02	8°♓29'26	0°10'36
transit begin	-3777 Mar 30 j 00:59	8°♓33'45	
transit end	-3777 Mar 30 j 07:04	8°♓25'06	
desc. node	-3777 Mar 30 j 19:08	8°♓07'58	
min. Earth dist.	-3777 Mar 30 j 21:53	8°♓04'04	0.55185 AU
morning rise	-3777 Apr 08 j 09:07	4°♓21'10	
direct	-3777 Apr 11 j 11:40	4°♓00'05	
morning max el	-3777 Apr 24 j 10:08	10°♓14'28	22°30'52
	-3777 May 08 j 16:58	0°♈	
asc. node	-3777 May 15 j 10:39	13°♈04'10	
morning set	-3777 May 16 j 08:21	14°♈56'37	
	-3777 May 23 j 10:53	0°♉	
superior conj	-3777 May 23 j 13:49	0°♉15'32	1°15'30
minimum elong	-3777 May 23 j 11:11	0°♉01'35	1°15'11
max. Earth dist.	-3777 May 26 j 11:36	6°♉20'49	1.34288 AU
evening rise	-3777 May 31 j 10:38	16°♉20'48	
	-3777 Jun 07 j 18:34	0°♊	
desc. node	-3777 Jun 26 j 17:56	28°♊54'11	
	-3777 Jun 27 j 14:55	0°♋	
evening max el	-3777 Jul 05 j 00:43	8°♋13'29	27°11'51
retrograde	-3777 Jul 18 j 09:52	15°♋36'07	
evening set	-3777 Jul 25 j 09:40	12°♋48'51	
min. Earth dist.	-3777 Jul 29 j 03:56	9°♋10'19	0.64835 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3777 Jul 31 j 07:14	6°♋46'41	-3°15'46
minimum elong	-3777 Jul 31 j 11:04	6°♋35'57	3°14'36
morning rise	-3777 Aug 06 j 13:00	1°♋14'32	
direct	-3777 Aug 09 j 08:13	0°♋32'41	
asc. node	-3777 Aug 11 j 10:00	0°♋55'32	
morning max el	-3777 Aug 15 j 20:54	4°♋04'01	18°11'10
	-3777 Sep 02 j 02:28	0°♌	
morning set	-3777 Sep 03 j 04:29	1°♌48'46	
superior conj	-3777 Sep 17 j 04:31	24°♌44'42	0°34'49
minimum elong	-3777 Sep 17 j 08:35	25°♌00'57	0°34'23
	-3777 Sep 20 j 11:42	0°♍	
max. Earth dist.	-3777 Sep 20 j 22:06	0°♍41'12	1.44575 AU
desc. node	-3777 Sep 22 j 17:25	3°♍32'21	
evening rise	-3777 Oct 03 j 18:42	20°♍48'37	
	-3777 Oct 09 j 17:15	0°♎	
greatest brilliancy	-3777 Oct 16 j 11:54	10°♎20'27	-0.7m
evening max el	-3777 Oct 28 j 23:36	27°♎06'45	19°48'17
	-3777 Nov 01 j 07:48	0°♏	
retrograde	-3777 Nov 05 j 10:44	1°♏27'44	
asc. node	-3777 Nov 07 j 08:58	1°♏06'13	
evening set	-3777 Nov 08 j 22:49	0°♏16'05	
	-3777 Nov 09 j 07:48	30°℞♎	
inferior conj	-3777 Nov 14 j 11:44	24°♎16'28	2°16'20
minimum elong	-3777 Nov 14 j 08:59	24°♎25'30	2°15'19
min. Earth dist.	-3777 Nov 15 j 11:48	22°♎57'20	0.66420 AU
morning rise	-3777 Nov 19 j 18:55	18°♎03'20	
direct	-3777 Nov 25 j 18:23	15°♎26'05	
morning max el	-3777 Dec 07 j 19:45	22°♎34'24	25°30'04
	-3777 Dec 14 j 09:30	0°♏	
desc. node	-3777 Dec 19 j 17:12	6°♏55'50	
	-3776 Jan 04 j 00:49	0°♐	
morning set	-3776 Jan 13 j 01:58	15°♐37'48	
max. Earth dist.	-3776 Jan 16 j 20:47	22°♐38'18	1.36364 AU
	-3776 Jan 20 j 16:30	0°♑	
superior conj	-3776 Jan 22 j 15:46	3°♑53'46	-1°37'39
minimum elong	-3776 Jan 22 j 18:52	4°♑09'10	1°37'30
evening rise	-3776 Jan 30 j 17:25	20°♑15'12	
asc. node	-3776 Feb 03 j 08:08	27°♑26'20	
	-3776 Feb 04 j 16:13	0°♒	
evening max el	-3776 Feb 17 j 09:44	18°♒46'04	19°50'43
retrograde	-3776 Feb 27 j 06:21	23°♒26'49	
evening set	-3776 Feb 29 j 13:38	23°♒12'39	
inferior conj	-3776 Mar 09 j 04:48	19°♒10'56	1°59'02
minimum elong	-3776 Mar 09 j 09:18	19°♒03'56	1°57'34
min. Earth dist.	-3776 Mar 11 j 12:07	17°♒45'31	0.55913 AU
desc. node	-3776 Mar 16 j 16:15	15°♒05'23	
morning rise	-3776 Mar 18 j 02:41	14°♒35'37	
direct	-3776 Mar 22 j 05:43	13°♒57'50	
morning max el	-3776 Apr 05 j 02:38	20°♒54'12	24°10'04
	-3776 Apr 12 j 21:32	0°♓	
morning set	-3776 Apr 29 j 20:25	29°♓57'56	
	-3776 Apr 29 j 20:48	0°♈	
asc. node	-3776 May 01 j 07:41	3°♈04'26	
superior conj	-3776 May 06 j 21:45	15°♈06'53	0°55'13
minimum elong	-3776 May 06 j 19:34	14°♈55'03	0°54'51
max. Earth dist.	-3776 May 08 j 16:01	18°♈53'56	1.33364 AU
	-3776 May 13 j 23:37	0°♉	
evening rise	-3776 May 14 j 07:24	0°♉39'19	
	-3776 May 30 j 18:32	0°♊	
desc. node	-3776 Jun 12 j 15:00	17°♊15'30	
evening max el	-3776 Jun 16 j 10:53	21°♊14'56	27°25'17
retrograde	-3776 Jun 30 j 04:08	28°♊38'08	
evening set	-3776 Jul 07 j 08:04	26°♊01'22	
min. Earth dist.	-3776 Jul 10 j 22:18	22°♊54'58	0.63276 AU
inferior conj	-3776 Jul 13 j 15:26	20°♊10'55	-3°52'32
minimum elong	-3776 Jul 13 j 18:56	20°♊02'05	3°51'44
morning rise	-3776 Jul 20 j 06:44	14°♊56'48	
direct	-3776 Jul 22 j 22:08	14°♊23'14	
asc. node	-3776 Jul 28 j 07:06	16°♊41'52	
morning max el	-3776 Jul 29 j 11:50	17°♊47'29	17°56'50
	-3776 Aug 07 j 06:41	0°♋	
morning set	-3776 Aug 15 j 06:14	13°♋46'37	
	-3776 Aug 24 j 15:49	0°♌	
superior conj	-3776 Aug 27 j 06:48	4°♌23'55	1°13'21
minimum elong	-3776 Aug 27 j 12:32	4°♌47'46	1°12'52
max. Earth dist.	-3776 Sep 02 j 13:44	14°♌41'32	1.43624 AU
desc. node	-3776 Sep 08 j 14:22	24°♌16'01	
evening rise	-3776 Sep 11 j 23:28	29°♌32'02	
	-3776 Sep 12 j 06:42	0°♍	
	-3776 Oct 02 j 12:06	0°♎	
evening max el	-3776 Oct 11 j 00:52	10°♎33'03	20°52'02
retrograde	-3776 Oct 19 j 07:52	15°♎27'16	
evening set	-3776 Oct 23 j 06:09	13°♎59'14	
asc. node	-3776 Oct 24 j 06:06	13°♎08'45	
inferior conj	-3776 Oct 28 j 15:40	7°♎49'41	1°28'04
minimum elong	-3776 Oct 28 j 13:44	7°♎56'16	1°27'17
min. Earth dist.	-3776 Oct 29 j 04:03	7°♎07'26	0.67061 AU
morning rise	-3776 Nov 02 j 21:09	1°♎34'38	
	-3776 Nov 05 j 04:19	30°℞♍	
direct	-3776 Nov 08 j 05:23	29°♍16'16	
	-3776 Nov 11 j 12:05	0°♎	
morning max el	-3776 Nov 19 j 04:28	5°♎48'30	24°07'10
desc. node	-3776 Dec 05 j 14:11	26°♎35'57	
	-3776 Dec 07 j 22:13	0°♏	
morning set	-3776 Dec 24 j 20:45	27°♏01'18	
	-3776 Dec 26 j 13:53	0°♐	
max. Earth dist.	-3776 Dec 28 j 17:41	3°♐49'13	1.38310 AU
superior conj	-3775 Jan 04 j 20:33	16°♐58'54	-1°50'49
minimum elong	-3775 Jan 04 j 22:36	17°♐08'41	1°50'53
	-3775 Jan 11 j 13:05	0°♑	
evening rise	-3775 Jan 13 j 15:54	4°♑10'16	
asc. node	-3775 Jan 20 j 05:11	16°♑37'35	
	-3775 Jan 29 j 07:54	0°♒	
evening max el	-3775 Jan 30 j 06:22	0°♒56'38	18°56'31
retrograde	-3775 Feb 07 j 15:32	4°♒58'17	
evening set	-3775 Feb 10 j 01:23	4°♒39'41	
inferior conj	-3775 Feb 17 j 23:05	0°♒22'16	3°15'03
minimum elong	-3775 Feb 18 j 03:37	0°♒14'09	3°14'00
	-3775 Feb 18 j 11:29	30°℞♑	
min. Earth dist.	-3775 Feb 21 j 03:36	28°♑06'30	0.57390 AU
morning rise	-3775 Feb 26 j 03:15	25°♑16'56	
direct	-3775 Mar 03 j 11:53	24°♑08'22	
desc. node	-3775 Mar 03 j 13:23	24°♑08'23	
	-3775 Mar 16 j 02:18	0°♒	
morning max el	-3775 Mar 17 j 17:43	1°♒30'39	25°43'27
	-3775 Apr 06 j 18:26	0°♓	
morning set	-3775 Apr 14 j 08:25	14°♓59'40	
asc. node	-3775 Apr 18 j 04:42	23°♓13'21	
superior conj	-3775 Apr 21 j 08:28	0°♈06'25	0°32'27
minimum elong	-3775 Apr 21 j 07:05	29°♓58'51	0°32'09
	-3775 Apr 21 j 07:17	0°♈	
max. Earth dist.	-3775 Apr 22 j 02:43	1°♈45'55	1.32789 AU
evening rise	-3775 Apr 28 j 11:17	15°♈19'12	
	-3775 May 05 j 23:48	0°♉	
	-3775 May 26 j 03:28	0°♊	
evening max el	-3775 May 29 j 17:02	3°♊42'22	27°06'35
desc. node	-3775 May 30 j 12:06	4°♊26'59	
retrograde	-3775 Jun 12 j 15:43	11°♊04'00	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3775 Jun 19 j 14:20	8°♊51'40	
min. Earth dist.	-3775 Jun 23 j 06:33	6°♊06'02	0.61394 AU
inferior conj	-3775 Jun 26 j 11:18	3°♊15'35	-4°15'57
minimum elong	-3775 Jun 26 j 13:11	3°♊11'23	4°15'39
	-3775 Jun 30 j 11:26	30°℞♉	
morning rise	-3775 Jul 03 j 13:37	28°♉22'21	
direct	-3775 Jul 06 j 02:56	27°♉55'09	
	-3775 Jul 11 j 11:49	0°♊	
morning max el	-3775 Jul 13 j 01:32	1°♊21'57	18°01'10
asc. node	-3775 Jul 15 j 04:11	3°♊40'18	
morning set	-3775 Jul 29 j 03:04	26°♊39'51	
	-3775 Jul 30 j 22:41	0°♋	
superior conj	-3775 Aug 08 j 12:54	15°♋26'28	1°37'25
minimum elong	-3775 Aug 08 j 16:48	15°♋43'32	1°37'17
max. Earth dist.	-3775 Aug 16 j 00:08	28°♋09'45	1.42112 AU
	-3775 Aug 17 j 02:51	0°♌	
evening rise	-3775 Aug 22 j 09:35	8°♌32'15	
desc. node	-3775 Aug 26 j 11:19	14°♌55'44	
	-3775 Sep 05 j 11:30	0°♍	
evening max el	-3775 Sep 23 j 19:53	23°♍58'28	22°06'22
retrograde	-3775 Oct 03 j 03:36	29°♍30'55	
evening set	-3775 Oct 07 j 14:07	27°♍44'27	
asc. node	-3775 Oct 11 j 03:12	23°♍53'02	
inferior conj	-3775 Oct 12 j 21:50	21°♍28'24	0°36'23
minimum elong	-3775 Oct 12 j 20:59	21°♍31'18	0°36'04
min. Earth dist.	-3775 Oct 12 j 23:38	21°♍22'07	0.67389 AU
morning rise	-3775 Oct 18 j 03:44	15°♍13'59	
direct	-3775 Oct 22 j 20:51	13°♍17'07	
morning max el	-3775 Nov 01 j 15:19	19°♍06'19	22°40'36
	-3775 Nov 10 j 17:36	0°♎	
desc. node	-3775 Nov 22 j 11:09	16°♎39'47	
	-3775 Dec 01 j 03:05	0°♏	
morning set	-3775 Dec 05 j 12:02	7°♏02'40	
max. Earth dist.	-3775 Dec 10 j 14:28	15°♏33'34	1.40382 AU
superior conj	-3775 Dec 18 j 08:40	29°♏11'13	-1°55'08
minimum elong	-3775 Dec 18 j 08:15	29°♏09'19	1°55'15
	-3775 Dec 18 j 19:26	0°♐	
evening rise	-3775 Dec 28 j 05:00	17°♐32'50	
	-3774 Jan 03 j 22:40	0°♑	
asc. node	-3774 Jan 07 j 02:13	5°♑17'15	
evening max el	-3774 Jan 13 j 11:05	13°♑36'41	18°22'29
retrograde	-3774 Jan 20 j 19:16	17°♑14'28	
evening set	-3774 Jan 23 j 08:18	16°♑49'32	
inferior conj	-3774 Jan 30 j 13:56	12°♑11'43	3°53'50
minimum elong	-3774 Jan 30 j 15:59	12°♑07'26	3°53'31
min. Earth dist.	-3774 Feb 02 j 23:00	9°♑24'14	0.59298 AU
morning rise	-3774 Feb 06 j 21:36	6°♑42'29	
direct	-3774 Feb 13 j 06:49	4°♑54'46	
desc. node	-3774 Feb 18 j 10:29	6°♑01'17	
morning max el	-3774 Feb 27 j 12:54	12°♑31'08	26°55'50
	-3774 Mar 13 j 07:35	0°♒	
morning set	-3774 Mar 29 j 18:36	29°♒55'20	
	-3774 Mar 29 j 19:30	0°♓	
asc. node	-3774 Apr 05 j 01:40	13°♓26'26	
superior conj	-3774 Apr 05 j 20:12	15°♓07'48	0°08'05
minimum elong	-3774 Apr 05 j 19:50	15°♓05'50	0°07'58
behind sun begin	-3774 Apr 05 j 15:30	14°♓42'03	
behind sun end	-3774 Apr 06 j 00:11	15°♓29'38	
max. Earth dist.	-3774 Apr 05 j 16:01	14°♓44'54	1.32556 AU
evening rise	-3774 Apr 12 j 19:44	0°♈11'40	
	-3774 Apr 12 j 17:30	0°♈	
	-3774 Apr 29 j 06:28	0°♉	
evening max el	-3774 May 11 j 17:10	15°♉27'39	26°15'35
desc. node	-3774 May 17 j 09:13	19°♉59'27	
retrograde	-3774 May 25 j 19:16	22°♉45'38	
evening set	-3774 Jun 01 j 00:25	21°♉09'18	
min. Earth dist.	-3774 Jun 05 j 06:03	18°♉27'39	0.59349 AU
inferior conj	-3774 Jun 08 j 15:08	15°♉51'07	-4°18'24
minimum elong	-3774 Jun 08 j 13:58	15°♉53'23	4°18'16
morning rise	-3774 Jun 16 j 05:58	11°♉19'45	
direct	-3774 Jun 18 j 18:10	10°♉57'41	
morning max el	-3774 Jun 26 j 11:03	14°♉38'43	18°25'01
asc. node	-3774 Jul 02 j 01:12	21°♉35'01	
	-3774 Jul 07 j 02:24	0°♊	
morning set	-3774 Jul 12 j 13:53	10°♊14'46	
superior conj	-3774 Jul 21 j 19:06	27°♊41'19	1°48'01
minimum elong	-3774 Jul 21 j 20:18	27°♊46'51	1°48'08
	-3774 Jul 23 j 01:21	0°♋	
max. Earth dist.	-3774 Jul 29 j 04:26	10°♋53'13	1.40250 AU
evening rise	-3774 Aug 02 j 17:12	18°♋33'52	
	-3774 Aug 09 j 19:28	0°♌	
desc. node	-3774 Aug 13 j 08:18	5°♌27'16	
	-3774 Aug 30 j 21:09	0°♍	
evening max el	-3774 Sep 06 j 09:44	7°♍24'33	23°26'36
retrograde	-3774 Sep 16 j 20:31	13°♍35'29	
evening set	-3774 Sep 21 j 20:58	11°♍29'38	
inferior conj	-3774 Sep 27 j 04:26	5°♍10'42	-0°17'00
minimum elong	-3774 Sep 27 j 04:50	5°♍09'20	0°16'46
min. Earth dist.	-3774 Sep 26 j 20:05	5°♍39'22	0.67415 AU
asc. node	-3774 Sep 28 j 00:17	4°♍02'59	
	-3774 Oct 01 j 09:17	30°℞♌	
morning rise	-3774 Oct 02 j 12:38	28°♌59'49	
direct	-3774 Oct 06 j 15:57	27°♌24'05	
	-3774 Oct 12 j 13:41	0°♍	
morning max el	-3774 Oct 15 j 07:18	2°♍30'07	21°18'35
	-3774 Nov 04 j 17:08	0°♎	
desc. node	-3774 Nov 09 j 08:05	7°♎00'21	
morning set	-3774 Nov 14 j 23:51	15°♎47'08	
max. Earth dist.	-3774 Nov 22 j 16:53	28°♎09'30	1.42297 AU
	-3774 Nov 23 j 19:45	0°♏	
superior conj	-3774 Nov 29 j 22:33	10°♏17'20	-1°46'50
minimum elong	-3774 Nov 29 j 18:26	9°♏59'42	1°46'41
evening rise	-3774 Dec 11 j 05:07	0°♐15'08	
	-3774 Dec 11 j 01:47	0°♐	
asc. node	-3774 Dec 24 j 23:15	23°♐15'37	
evening max el	-3774 Dec 27 j 21:11	26°♐38'34	18°08'25
	-3773 Jan 02 j 10:30	0°♑	
retrograde	-3773 Jan 03 j 15:02	0°♑06'38	
	-3773 Jan 04 j 19:46	30°℞♐	
evening set	-3773 Jan 06 j 07:11	29°♐34'11	
inferior conj	-3773 Jan 12 j 23:33	24°♐35'01	4°02'09
minimum elong	-3773 Jan 12 j 22:57	24°♐36'27	4°01'58
min. Earth dist.	-3773 Jan 16 j 01:11	21°♐39'50	0.61309 AU
morning rise	-3773 Jan 19 j 13:25	18°♐49'42	
direct	-3773 Jan 26 j 12:26	16°♐26'51	
desc. node	-3773 Feb 05 j 07:33	20°♐26'25	
morning max el	-3773 Feb 09 j 14:13	24°♐09'59	27°36'10
	-3773 Feb 14 j 21:54	0°♑	
	-3773 Mar 06 j 12:37	0°♒	
morning set	-3773 Mar 14 j 01:07	14°♒38'05	
max. Earth dist.	-3773 Mar 20 j 04:11	27°♒37'39	1.32669 AU
superior conj	-3773 Mar 21 j 07:20	0°♓05'15	-0°17'05
minimum elong	-3773 Mar 21 j 08:06	0°♓09'28	0°16'59
	-3773 Mar 21 j 06:22	0°♓	
asc. node	-3773 Mar 22 j 22:40	3°♓39'44	
evening rise	-3773 Mar 28 j 06:43	15°♓09'32	
	-3773 Apr 04 j 18:09	0°♈	
evening max el	-3773 Apr 23 j 11:32	26°♈34'25	24°58'06

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3773 Apr 27 j 13:33	0°♉	
desc. node	-3773 May 04 j 06:19	3°♉17'10	
retrograde	-3773 May 07 j 12:19	3°♉41'46	
evening set	-3773 May 12 j 12:51	2°♉43'49	
	-3773 May 17 j 17:33	30°℞♈	
min. Earth dist.	-3773 May 17 j 23:49	29°♈49'55	0.57417 AU
inferior conj	-3773 May 20 j 23:50	27°♈49'17	-3°49'51
minimum elong	-3773 May 20 j 19:09	27°♈57'12	3°49'01
morning rise	-3773 May 29 j 04:28	23°♈37'39	
direct	-3773 May 31 j 16:06	23°♈19'38	
morning max el	-3773 Jun 09 j 13:28	27°♈28'41	19°09'04
	-3773 Jun 11 j 22:55	0°♉	
asc. node	-3773 Jun 18 j 22:14	10°♉13'22	
morning set	-3773 Jun 26 j 10:47	24°♉21'53	
	-3773 Jun 29 j 06:55	0°♊	
superior conj	-3773 Jul 04 j 19:40	10°♊52'35	1°47'53
minimum elong	-3773 Jul 04 j 18:43	10°♊47'59	1°48'00
max. Earth dist.	-3773 Jul 11 j 06:02	22°♊57'26	1.38302 AU
evening rise	-3773 Jul 15 j 03:04	29°♊52'14	
	-3773 Jul 15 j 04:51	0°♋	
desc. node	-3773 Jul 31 j 05:18	25°♋45'48	
	-3773 Aug 03 j 03:13	0°♌	
evening max el	-3773 Aug 19 j 20:58	20°♌53'57	24°46'05
retrograde	-3773 Aug 31 j 09:31	27°♌37'28	
evening set	-3773 Sep 06 j 00:55	25°♌13'02	
min. Earth dist.	-3773 Sep 10 j 14:55	19°♌57'41	0.67138 AU
inferior conj	-3773 Sep 11 j 09:48	18°♌54'47	-1°10'28
minimum elong	-3773 Sep 11 j 11:27	18°♌49'17	1°09'42
asc. node	-3773 Sep 14 j 21:23	14°♌37'53	
morning rise	-3773 Sep 16 j 21:59	12°♌50'39	
direct	-3773 Sep 20 j 13:28	11°♌33'55	
morning max el	-3773 Sep 28 j 06:20	16°♌02'15	20°06'58
	-3773 Oct 09 j 01:34	0°♍	
morning set	-3773 Oct 24 j 21:57	23°♍58'32	
desc. node	-3773 Oct 27 j 05:01	27°♍32'23	
	-3773 Oct 28 j 18:51	0°♎	
max. Earth dist.	-3773 Nov 05 j 02:55	11°♎35'37	1.43791 AU
superior conj	-3773 Nov 10 j 09:28	20°♎06'46	-1°22'25
minimum elong	-3773 Nov 10 j 02:30	19°♎38'21	1°21'47
	-3773 Nov 16 j 08:48	0°♏	
evening rise	-3773 Nov 23 j 11:55	12°♏08'04	
	-3773 Dec 04 j 01:38	0°♐	
evening max el	-3773 Dec 11 j 09:43	9°♐53'48	18°13'34
asc. node	-3773 Dec 11 j 20:19	10°♐19'57	
retrograde	-3773 Dec 17 j 22:39	13°♐24'23	
evening set	-3773 Dec 20 j 18:25	12°♐43'16	
inferior conj	-3773 Dec 27 j 00:14	7°♐23'38	3°48'39
minimum elong	-3773 Dec 26 j 21:53	7°♐29'58	3°48'11
min. Earth dist.	-3773 Dec 29 j 12:24	4°♐42'02	0.63165 AU
morning rise	-3772 Jan 02 j 00:40	1°♐27'06	
	-3772 Jan 04 j 05:26	30°℞♏	
direct	-3772 Jan 09 j 02:08	28°♏42'22	
	-3772 Jan 14 j 07:11	0°♐	
morning max el	-3772 Jan 22 j 20:38	6°♐26'45	27°40'16
desc. node	-3772 Jan 23 j 04:37	6°♐46'34	
	-3772 Feb 09 j 21:05	0°♑	
morning set	-3772 Feb 26 j 01:36	28°♑58'29	
	-3772 Feb 26 j 13:49	0°♒	
max. Earth dist.	-3772 Mar 02 j 11:22	10°♒09'28	1.33154 AU
superior conj	-3772 Mar 04 j 16:06	14°♒51'16	-0°42'07
minimum elong	-3772 Mar 04 j 17:58	15°♒01'18	0°41'51
asc. node	-3772 Mar 08 j 19:39	23°♒48'10	
evening rise	-3772 Mar 11 j 18:21	0°♓04'49	
	-3772 Mar 11 j 17:26	0°♓	
	-3772 Mar 28 j 18:34	0°♈	
evening max el	-3772 Apr 04 j 03:27	7°♈18'23	23°25'48
retrograde	-3772 Apr 17 j 16:28	14°♈01'09	
desc. node	-3772 Apr 20 j 03:27	13°♈47'46	
evening set	-3772 Apr 21 j 08:56	13°♈31'23	
min. Earth dist.	-3772 Apr 28 j 14:28	10°♈13'30	0.55930 AU
inferior conj	-3772 Apr 30 j 12:40	9°♈04'54	-2°41'32
minimum elong	-3772 Apr 30 j 06:44	9°♈13'45	2°39'52
morning rise	-3772 May 09 j 07:10	5°♈06'17	
direct	-3772 May 11 j 19:32	4°♈50'35	
morning max el	-3772 May 22 j 06:13	9°♈41'56	20°13'34
asc. node	-3772 Jun 04 j 19:16	29°♈24'24	
	-3772 Jun 05 j 02:47	0°♉	
morning set	-3772 Jun 09 j 14:46	8°♉52'52	
superior conj	-3772 Jun 17 j 09:30	24°♉45'38	1°39'42
minimum elong	-3772 Jun 17 j 07:17	24°♉34'28	1°39'40
	-3772 Jun 20 j 00:35	0°♊	
max. Earth dist.	-3772 Jun 22 j 11:06	4°♊44'41	1.36494 AU
evening rise	-3772 Jun 26 j 11:52	12°♊19'16	
	-3772 Jul 06 j 17:34	0°♋	
desc. node	-3772 Jul 17 j 02:20	15°♋45'11	
	-3772 Jul 28 j 03:41	0°♌	
evening max el	-3772 Aug 01 j 07:53	4°♌26'00	25°56'59
retrograde	-3772 Aug 13 j 17:54	11°♌32'21	
evening set	-3772 Aug 20 j 00:03	8°♌52'47	
min. Earth dist.	-3772 Aug 24 j 05:38	4°♌15'01	0.66531 AU
inferior conj	-3772 Aug 25 j 12:08	2°♌38'33	-2°02'21
minimum elong	-3772 Aug 25 j 14:56	2°♌29'43	2°01'11
	-3772 Aug 27 j 16:03	30°℞♋	
morning rise	-3772 Aug 31 j 05:56	26°♋44'28	
asc. node	-3772 Aug 31 j 18:29	26°♋26'30	
direct	-3772 Sep 03 j 11:46	25°♋43'48	
morning max el	-3772 Sep 10 j 12:26	29°♋42'54	19°09'21
	-3772 Sep 10 j 19:04	0°♌	
	-3772 Oct 01 j 11:51	0°♍	
morning set	-3772 Oct 03 j 06:02	2°♍45'38	
desc. node	-3772 Oct 13 j 01:58	18°♍12'09	
max. Earth dist.	-3772 Oct 17 j 19:03	25°♍37'29	1.44663 AU
superior conj	-3772 Oct 19 j 19:11	28°♍47'46	-0°41'50
minimum elong	-3772 Oct 19 j 14:00	28°♍27'16	0°41'11
	-3772 Oct 20 j 13:24	0°♎	
evening rise	-3772 Nov 03 j 20:51	23°♎03'27	
	-3772 Nov 08 j 02:26	0°♏	
evening max el	-3772 Nov 23 j 21:58	23°♏16'57	18°37'03
asc. node	-3772 Nov 27 j 17:25	26°♏16'03	
retrograde	-3772 Nov 30 j 14:03	27°♏00'25	
evening set	-3772 Dec 03 j 14:40	26°♏09'08	
inferior conj	-3772 Dec 09 j 12:21	20°♏31'23	3°20'17
minimum elong	-3772 Dec 09 j 09:15	20°♏40'33	3°19'27
min. Earth dist.	-3772 Dec 11 j 09:37	18°♏17'14	0.64712 AU
morning rise	-3772 Dec 15 j 03:28	14°♏26'23	
direct	-3772 Dec 21 j 22:38	11°♏35'07	
morning max el	-3771 Jan 04 j 06:00	19°♏14'19	27°10'12
desc. node	-3771 Jan 09 j 01:40	24°♏29'42	
	-3771 Jan 13 j 11:29	0°♐	
	-3771 Feb 01 j 20:01	0°♑	
morning set	-3771 Feb 08 j 17:05	12°♑47'15	
max. Earth dist.	-3771 Feb 13 j 09:52	22°♑10'04	1.34055 AU
superior conj	-3771 Feb 16 j 20:37	29°♑19'43	-1°05'59
minimum elong	-3771 Feb 16 j 23:22	29°♑34'12	1°05'39
	-3771 Feb 17 j 04:16	0°♒	
asc. node	-3771 Feb 23 j 16:41	13°♒47'32	
evening rise	-3771 Feb 24 j 04:56	14°♒51'33	
	-3771 Mar 03 j 22:24	0°♓	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3771 Mar 16 j 22:54	18°♓06'08	21°52'46
retrograde	-3771 Mar 29 j 09:24	24°♓07'25	
evening set	-3771 Apr 01 j 02:14	23°♓51'08	
desc. node	-3771 Apr 07 j 00:35	21°♓38'42	
inferior conj	-3771 Apr 10 j 10:54	19°♓46'34	-0°56'54
minimum elong	-3771 Apr 10 j 08:16	19°♓50'16	0°56'02
min. Earth dist.	-3771 Apr 10 j 04:13	19°♓55'58	0.55195 AU
morning rise	-3771 Apr 19 j 15:17	15°♓47'07	
direct	-3771 Apr 22 j 09:30	15°♓30'10	
morning max el	-3771 May 04 j 12:06	21°♓13'37	21°36'43
	-3771 May 11 j 20:29	0°♈	
asc. node	-3771 May 22 j 16:17	18°♈59'48	
morning set	-3771 May 24 j 23:24	23°♈40'48	
	-3771 May 28 j 00:01	0°♉	
superior conj	-3771 Jun 01 j 08:37	9°♉08'50	1°25'38
minimum elong	-3771 Jun 01 j 05:57	8°♉54'56	1°25'24
max. Earth dist.	-3771 Jun 05 j 00:31	16°♉40'03	1.34986 AU
evening rise	-3771 Jun 09 j 14:17	25°♉40'29	
	-3771 Jun 11 j 21:15	0°♊	
	-3771 Jun 30 j 03:36	0°♋	
desc. node	-3771 Jul 03 j 23:25	5°♋16'45	
evening max el	-3771 Jul 14 j 19:11	17°♋53'59	26°51'10
retrograde	-3771 Jul 27 j 21:15	25°♋13'20	
evening set	-3771 Aug 03 j 15:59	22°♋25'35	
min. Earth dist.	-3771 Aug 07 j 13:54	18°♋26'17	0.65564 AU
inferior conj	-3771 Aug 09 j 09:23	16°♋18'19	-2°50'39
minimum elong	-3771 Aug 09 j 12:59	16°♋07'40	2°49'22
morning rise	-3771 Aug 15 j 10:22	10°♋37'30	
direct	-3771 Aug 18 j 08:48	9°♋49'43	
asc. node	-3771 Aug 18 j 15:36	9°♋50'10	
morning max el	-3771 Aug 24 j 23:56	13°♋28'35	18°27'34
	-3771 Sep 05 j 18:23	0°♌	
morning set	-3771 Sep 13 j 15:14	12°♌47'03	
	-3771 Sep 24 j 07:40	0°♍	
superior conj	-3771 Sep 28 j 18:37	7°♍04'02	0°07'31
minimum elong	-3771 Sep 28 j 19:36	7°♍07'55	0°07'27
behind sun begin	-3771 Sep 28 j 09:29	6°♍27'53	
behind sun end	-3771 Sep 29 j 05:44	7°♍47'55	
desc. node	-3771 Sep 29 j 22:55	8°♍55'44	
max. Earth dist.	-3771 Sep 30 j 13:22	9°♍52'42	1.44814 AU
	-3771 Oct 13 j 08:29	0°♎	
evening rise	-3771 Oct 15 j 04:54	2°♎54'45	
greatest brilliancy	-3771 Oct 25 j 01:53	18°♎23'58	-0.8m
	-3771 Nov 01 j 20:55	0°♏	
evening max el	-3771 Nov 07 j 07:22	6°♏42'46	19°17'43
retrograde	-3771 Nov 14 j 09:48	10°♏48'09	
asc. node	-3771 Nov 14 j 14:32	10°♏47'55	
evening set	-3771 Nov 17 j 17:02	9°♏44'39	
inferior conj	-3771 Nov 23 j 08:36	3°♏51'52	2°41'47
minimum elong	-3771 Nov 23 j 05:34	4°♏01'34	2°40'46
min. Earth dist.	-3771 Nov 24 j 15:56	2°♏11'57	0.65896 AU
	-3771 Nov 26 j 11:26	30°℞♎	
morning rise	-3771 Nov 28 j 17:50	27°♎40'50	
direct	-3771 Dec 05 j 01:16	24°♎55'48	
	-3771 Dec 15 j 04:20	0°♏	
morning max el	-3771 Dec 17 j 15:43	2°♏19'43	26°12'25
desc. node	-3771 Dec 26 j 22:41	13°♏10'53	
	-3770 Jan 07 j 15:45	0°♐	
morning set	-3770 Jan 22 j 19:34	25°♐52'08	
	-3770 Jan 25 j 00:06	0°♑	
max. Earth dist.	-3770 Jan 26 j 20:51	3°♑36'00	1.35395 AU
superior conj	-3770 Jan 31 j 18:29	13°♑23'09	-1°27'16
minimum elong	-3770 Jan 31 j 21:40	13°♑39'23	1°27'01
evening rise	-3770 Feb 08 j 12:33	29°♑23'21	
	-3770 Feb 08 j 19:43	0°♒	
asc. node	-3770 Feb 10 j 13:44	3°♒33'04	
evening max el	-3770 Feb 27 j 03:12	29°♒21'03	20°30'30
	-3770 Feb 27 j 20:07	0°♓	
retrograde	-3770 Mar 09 j 23:37	4°♓30'51	
evening set	-3770 Mar 12 j 06:58	4°♓17'49	
inferior conj	-3770 Mar 21 j 07:01	0°♓19'40	0°59'33
minimum elong	-3770 Mar 21 j 09:37	0°♓15'50	0°58'35
	-3770 Mar 21 j 20:26	30°℞♒	
min. Earth dist.	-3770 Mar 22 j 18:24	29°♒27'58	0.55383 AU
desc. node	-3770 Mar 24 j 21:43	28°♒16'08	
morning rise	-3770 Mar 30 j 10:53	26°♒00'45	
direct	-3770 Apr 02 j 22:13	25°♒34'29	
	-3770 Apr 13 j 21:15	0°♓	
morning max el	-3770 Apr 16 j 08:30	2°♓08'38	23°12'56
	-3770 May 05 j 04:19	0°♈	
morning set	-3770 May 09 j 10:45	8°♈39'34	
asc. node	-3770 May 09 j 13:19	8°♈52'58	
superior conj	-3770 May 16 j 14:05	23°♈53'01	1°07'17
minimum elong	-3770 May 16 j 11:35	23°♈39'40	1°06'55
max. Earth dist.	-3770 May 18 j 23:43	28°♈58'25	1.33844 AU
	-3770 May 19 j 11:28	0°♉	
evening rise	-3770 May 24 j 05:31	9°♉42'15	
	-3770 Jun 04 j 06:48	0°♊	
desc. node	-3770 Jun 20 j 20:29	24°♊08'51	
	-3770 Jun 26 j 02:22	0°♋	
evening max el	-3770 Jun 27 j 06:09	1°♋08'33	27°21'13
retrograde	-3770 Jul 10 j 19:16	8°♋32'43	
evening set	-3770 Jul 17 j 21:51	5°♋47'52	
min. Earth dist.	-3770 Jul 21 j 13:45	2°♋24'16	0.64216 AU
inferior conj	-3770 Jul 23 j 23:09	29°♊50'15	-3°32'40
minimum elong	-3770 Jul 24 j 02:58	29°♊39'59	3°31'36
	-3770 Jul 23 j 19:32	30°℞♊	
morning rise	-3770 Jul 30 j 08:50	24°♊25'43	
direct	-3770 Aug 02 j 02:06	23°♊47'48	
asc. node	-3770 Aug 05 j 12:42	24°♊48'13	
morning max el	-3770 Aug 08 j 14:26	27°♊15'04	18°02'52
	-3770 Aug 11 j 00:36	0°♋	
morning set	-3770 Aug 26 j 03:27	24°♋06'00	
	-3770 Aug 29 j 14:47	0°♌	
superior conj	-3770 Sep 08 j 06:41	16°♌01'00	0°52'49
minimum elong	-3770 Sep 08 j 12:02	16°♌22'43	0°52'16
max. Earth dist.	-3770 Sep 13 j 06:17	24°♌01'38	1.44246 AU
desc. node	-3770 Sep 16 j 19:53	29°♌40'23	
	-3770 Sep 17 j 00:52	0°♍	
evening rise	-3770 Sep 24 j 15:43	11°♍52'25	
	-3770 Oct 06 j 13:03	0°♎	
evening max el	-3770 Oct 21 j 11:57	20°♎09'04	20°13'50
retrograde	-3770 Oct 29 j 07:04	24°♎43'54	
asc. node	-3770 Nov 01 j 11:39	23°♎44'51	
evening set	-3770 Nov 01 j 23:07	23°♎25'44	
inferior conj	-3770 Nov 07 j 10:23	17°♎21'22	1°56'24
minimum elong	-3770 Nov 07 j 07:56	17°♎29'34	1°55'28
min. Earth dist.	-3770 Nov 08 j 05:21	16°♎17'48	0.66729 AU
morning rise	-3770 Nov 12 j 16:32	11°♎06'48	
direct	-3770 Nov 18 j 09:30	8°♎36'59	
morning max el	-3770 Nov 30 j 00:30	15°♎32'04	24°55'47
	-3770 Dec 11 j 23:20	0°♏	
desc. node	-3770 Dec 13 j 19:41	2°♏33'05	
	-3770 Dec 31 j 13:34	0°♐	
morning set	-3769 Jan 05 j 03:45	7°♐57'47	
max. Earth dist.	-3769 Jan 08 j 20:57	14°♐41'31	1.37152 AU
superior conj	-3769 Jan 15 j 06:38	26°♐52'46	-1°44'07
minimum elong	-3769 Jan 15 j 09:26	27°♐06'30	1°44'04

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3769 Jan 16 j 20:40	0°♉	
evening rise	-3769 Jan 23 j 15:05	13°♉33'41	
asc. node	-3769 Jan 28 j 10:46	22°♉58'49	
	-3769 Feb 01 j 09:04	0°♒	
evening max el	-3769 Feb 09 j 18:14	11°♒12'18	19°25'17
retrograde	-3769 Feb 18 j 22:53	15°♒34'38	
evening set	-3769 Feb 21 j 06:49	15°♒19'03	
inferior conj	-3769 Mar 01 j 14:40	11°♒12'00	2°35'55
minimum elong	-3769 Mar 01 j 19:38	11°♒03'49	2°34'29
min. Earth dist.	-3769 Mar 04 j 09:20	9°♒23'09	0.56459 AU
morning rise	-3769 Mar 10 j 05:46	6°♒23'11	
desc. node	-3769 Mar 11 j 18:51	5°♒56'03	
direct	-3769 Mar 14 j 21:19	5°♒33'48	
morning max el	-3769 Mar 28 j 23:43	12°♒44'04	24°51'24
	-3769 Apr 11 j 07:37	0°♓	
morning set	-3769 Apr 23 j 22:58	23°♓41'51	
asc. node	-3769 Apr 26 j 10:19	28°♓57'31	
	-3769 Apr 26 j 21:55	0°♈	
superior conj	-3769 Apr 30 j 23:26	8°♈49'04	0°45'50
minimum elong	-3769 Apr 30 j 21:33	8°♈38'50	0°45'29
max. Earth dist.	-3769 May 02 j 07:01	11°♈39'59	1.33073 AU
evening rise	-3769 May 08 j 05:40	24°♈11'20	
	-3769 May 11 j 03:26	0°♉	
	-3769 May 28 j 22:52	0°♊	
desc. node	-3769 Jun 07 j 17:35	12°♊03'44	
evening max el	-3769 Jun 09 j 14:52	13°♊56'59	27°21'24
retrograde	-3769 Jun 23 j 11:08	21°♊20'20	
evening set	-3769 Jun 30 j 13:54	18°♊52'19	
min. Earth dist.	-3769 Jul 04 j 03:56	15°♊56'18	0.62506 AU
inferior conj	-3769 Jul 07 j 02:31	13°♊07'16	-4°04'29
minimum elong	-3769 Jul 07 j 05:30	13°♊00'04	4°03'56
morning rise	-3769 Jul 13 j 22:19	8°♊01'42	
direct	-3769 Jul 16 j 12:30	7°♊31'10	
morning max el	-3769 Jul 23 j 05:11	10°♊55'39	17°56'17
asc. node	-3769 Jul 23 j 09:46	11°♊07'01	
	-3769 Aug 04 j 22:40	0°♋	
morning set	-3769 Aug 08 j 13:58	6°♋29'01	
superior conj	-3769 Aug 19 j 20:49	26°♋15'38	1°25'20
minimum elong	-3769 Aug 20 j 02:02	26°♋37'48	1°24'59
	-3769 Aug 22 j 02:00	0°♌	
max. Earth dist.	-3769 Aug 26 j 19:21	7°♌48'01	1.43039 AU
evening rise	-3769 Sep 03 j 20:11	20°♌35'56	
desc. node	-3769 Sep 03 j 16:51	20°♌22'55	
	-3769 Sep 09 j 22:45	0°♍	
	-3769 Oct 01 j 05:17	0°♎	
evening max el	-3769 Oct 04 j 10:33	3°♎35'05	21°22'42
retrograde	-3769 Oct 13 j 03:45	8°♎45'14	
evening set	-3769 Oct 17 j 06:54	7°♎09'49	
asc. node	-3769 Oct 19 j 08:45	5°♎10'29	
inferior conj	-3769 Oct 22 j 15:29	0°♎57'15	1°06'29
minimum elong	-3769 Oct 22 j 13:59	1°♎02'23	1°05'52
min. Earth dist.	-3769 Oct 22 j 23:22	0°♎30'07	0.67236 AU
	-3769 Oct 23 j 08:09	30°℞♍	
morning rise	-3769 Oct 27 j 20:53	24°♍42'00	
direct	-3769 Nov 01 j 22:40	22°♍32'22	
morning max el	-3769 Nov 12 j 09:34	28°♍47'00	23°30'12
	-3769 Nov 13 j 13:37	0°♎	
desc. node	-3769 Nov 30 j 16:38	22°♎24'26	
	-3769 Dec 05 j 18:23	0°♏	
morning set	-3769 Dec 17 j 11:24	18°♏47'42	
max. Earth dist.	-3769 Dec 21 j 16:26	26°♏01'21	1.39187 AU
	-3769 Dec 23 j 22:27	0°♐	
superior conj	-3769 Dec 29 j 05:01	9°♐37'40	-1°53'58
minimum elong	-3769 Dec 29 j 06:12	9°♐43'13	1°54'04

evening rise	-3768 Jan 07 j 09:58	27°♐15'57	
	-3768 Jan 08 j 19:56	0°♉	
asc. node	-3768 Jan 15 j 07:48	11°♉57'59	
evening max el	-3768 Jan 23 j 18:46	23°♉37'20	18°39'40
retrograde	-3768 Jan 31 j 15:43	27°♉26'29	
evening set	-3768 Feb 03 j 03:05	27°♉05'17	
inferior conj	-3768 Feb 10 j 17:40	22°♉39'46	3°35'45
minimum elong	-3768 Feb 10 j 21:18	22°♉32'50	3°35'03
min. Earth dist.	-3768 Feb 14 j 02:08	20°♉07'43	0.58170 AU
morning rise	-3768 Feb 18 j 13:06	17°♉23'33	
direct	-3768 Feb 24 j 09:34	15°♉58'24	
desc. node	-3768 Feb 26 j 15:56	16°♉11'05	
morning max el	-3768 Mar 09 j 15:51	23°♉27'40	26°17'28
	-3768 Mar 15 j 13:10	0°♒	
	-3768 Apr 03 j 03:40	0°♓	
morning set	-3768 Apr 07 j 10:24	8°♓41'48	
asc. node	-3768 Apr 12 j 07:18	19°♓08'49	
superior conj	-3768 Apr 14 j 10:48	23°♓50'18	0°22'17
minimum elong	-3768 Apr 14 j 09:49	23°♓44'59	0°22'03
max. Earth dist.	-3768 Apr 14 j 19:16	24°♓36'38	1.32655 AU
	-3768 Apr 17 j 06:37	0°♈	
evening rise	-3768 Apr 21 j 11:48	8°♈57'58	
	-3768 May 02 j 13:01	0°♉	
evening max el	-3768 May 21 j 18:52	26°♉07'46	26°48'40
desc. node	-3768 May 24 j 14:41	28°♉37'15	
	-3768 May 26 j 10:42	0°♊	
retrograde	-3768 Jun 04 j 19:20	3°♊27'33	
evening set	-3768 Jun 11 j 11:57	1°♊29'54	
	-3768 Jun 13 j 18:48	30°℞♉	
min. Earth dist.	-3768 Jun 15 j 08:24	28°♉47'47	0.60535 AU
inferior conj	-3768 Jun 18 j 16:00	26°♉00'53	-4°20'06
minimum elong	-3768 Jun 18 j 16:45	25°♉59'19	4°19'59
morning rise	-3768 Jun 25 j 23:26	21°♉16'33	
direct	-3768 Jun 28 j 12:12	20°♉51'37	
morning max el	-3768 Jul 05 j 17:20	24°♉23'05	18°08'47
asc. node	-3768 Jul 09 j 06:48	28°♉30'55	
	-3768 Jul 10 j 08:24	0°♊	
morning set	-3768 Jul 21 j 17:18	19°♊41'30	
	-3768 Jul 27 j 06:13	0°♋	
superior conj	-3768 Jul 31 j 13:45	7°♋50'16	1°43'24
minimum elong	-3768 Jul 31 j 16:30	8°♋02'33	1°43'25
max. Earth dist.	-3768 Aug 08 j 03:15	20°♋58'34	1.41355 AU
evening rise	-3768 Aug 13 j 14:07	29°♋58'37	
	-3768 Aug 13 j 14:28	0°♌	
desc. node	-3768 Aug 20 j 13:49	10°♌59'45	
	-3768 Sep 02 j 11:55	0°♍	
evening max el	-3768 Sep 16 j 03:15	17°♍00'55	22°40'14
retrograde	-3768 Sep 25 j 22:14	22°♍49'25	
evening set	-3768 Sep 30 j 14:33	20°♍54'47	
asc. node	-3768 Oct 05 j 05:51	15°♍33'01	
inferior conj	-3768 Oct 05 j 22:00	14°♍37'22	0°13'51
minimum elong	-3768 Oct 05 j 21:41	14°♍38'29	0°13'45
transit middle	-3768 Oct 05 j 21:41	14°♍38'29	0°13'45
transit begin	-3768 Oct 05 j 20:13	14°♍43'32	
transit end	-3768 Oct 05 j 23:08	14°♍33'27	
min. Earth dist.	-3768 Oct 05 j 19:31	14°♍45'56	0.67440 AU
morning rise	-3768 Oct 11 j 04:41	8°♍24'14	
direct	-3768 Oct 15 j 15:49	6°♍36'23	
morning max el	-3768 Oct 24 j 22:05	12°♍06'12	22°04'45
	-3768 Nov 07 j 23:46	0°♎	
desc. node	-3768 Nov 16 j 13:34	12°♎36'01	
morning set	-3768 Nov 26 j 14:12	28°♎12'55	
	-3768 Nov 27 j 16:47	0°♏	
max. Earth dist.	-3768 Dec 02 j 15:23	8°♏07'42	1.41236 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3768 Dec 10 j 08:21	21°♏23'24	-1°53'24
minimum elong	-3768 Dec 10 j 06:26	21°♏14'58	1°53'27
	-3768 Dec 15 j 03:14	0°♐	
evening rise	-3768 Dec 20 j 17:58	10°♐22'01	
	-3768 Dec 31 j 23:09	0°♑	
asc. node	-3767 Jan 01 j 04:51	0°♑21'13	
evening max el	-3767 Jan 06 j 02:06	6°♑27'19	18°14'06
retrograde	-3767 Jan 13 j 02:46	9°♑59'14	
evening set	-3767 Jan 15 j 17:15	9°♑31'04	
inferior conj	-3767 Jan 22 j 16:50	4°♑43'52	4°00'33
minimum elong	-3767 Jan 22 j 17:41	4°♑41'57	4°00'21
min. Earth dist.	-3767 Jan 25 j 23:43	1°♑50'32	0.60162 AU
	-3767 Jan 28 j 08:26	30°℞♐	
morning rise	-3767 Jan 29 j 16:29	29°♐07'17	
direct	-3767 Feb 05 j 09:03	27°♐03'44	
desc. node	-3767 Feb 12 j 12:59	29°♐12'21	
	-3767 Feb 13 j 20:02	0°♑	
morning max el	-3767 Feb 19 j 13:26	4°♑42'39	27°17'21
	-3767 Mar 10 j 06:53	0°♒	
morning set	-3767 Mar 22 j 19:17	23°♒32'36	
	-3767 Mar 25 j 20:43	0°♓	
superior conj	-3767 Mar 29 j 22:27	8°♓50'21	-0°02'34
minimum elong	-3767 Mar 29 j 22:34	8°♓51'01	0°02'35
behind sun begin	-3767 Mar 29 j 17:36	8°♓23'53	
behind sun end	-3767 Mar 30 j 03:32	9°♓18'10	
max. Earth dist.	-3767 Mar 29 j 08:43	7°♓35'18	1.32567 AU
asc. node	-3767 Mar 30 j 04:18	9°♓22'26	
evening rise	-3767 Apr 05 j 21:34	23°♓53'34	
	-3767 Apr 08 j 20:47	0°♈	
	-3767 Apr 26 j 22:28	0°♉	
evening max el	-3767 May 03 j 16:27	7°♉35'46	25°45'14
desc. node	-3767 May 11 j 11:47	13°♉17'19	
retrograde	-3767 May 17 j 18:22	14°♉49'44	
evening set	-3767 May 23 j 12:42	13°♉30'08	
min. Earth dist.	-3767 May 28 j 04:49	10°♉45'14	0.58501 AU
inferior conj	-3767 May 31 j 12:02	8°♉21'39	-4°10'44
minimum elong	-3767 May 31 j 09:18	8°♉26'38	4°10'23
morning rise	-3767 Jun 08 j 08:35	3°♉59'08	
direct	-3767 Jun 10 j 20:44	3°♉38'46	
morning max el	-3767 Jun 19 j 00:09	7°♉29'33	18°41'15
asc. node	-3767 Jun 26 j 03:50	16°♉45'44	
	-3767 Jul 03 j 13:00	0°♊	
morning set	-3767 Jul 05 j 08:52	3°♊31'48	
superior conj	-3767 Jul 14 j 04:31	20°♊31'36	1°49'06
minimum elong	-3767 Jul 14 j 04:42	20°♊32'29	1°49'15
	-3767 Jul 19 j 08:02	0°♋	
max. Earth dist.	-3767 Jul 21 j 06:24	3°♋26'27	1.39419 AU
evening rise	-3767 Jul 25 j 08:59	10°♋33'04	
	-3767 Aug 06 j 11:49	0°♌	
desc. node	-3767 Aug 07 j 10:50	1°♌26'56	
	-3767 Aug 29 j 04:19	0°♍	
evening max el	-3767 Aug 29 j 15:42	0°♍28'43	24°00'53
retrograde	-3767 Sep 09 j 13:32	6°♍54'07	
evening set	-3767 Sep 14 j 20:25	4°♍39'51	
	-3767 Sep 18 j 22:56	30°℞♌	
min. Earth dist.	-3767 Sep 19 j 15:28	29°♌04'24	0.67340 AU
inferior conj	-3767 Sep 20 j 04:18	28°♌20'52	-0°39'46
minimum elong	-3767 Sep 20 j 05:14	28°♌17'42	0°39'18
asc. node	-3767 Sep 22 j 02:56	25°♌46'46	
morning rise	-3767 Sep 25 j 14:01	22°♌12'47	
direct	-3767 Sep 29 j 12:02	20°♌45'34	
morning max el	-3767 Oct 07 j 17:04	25°♌34'14	20°46'38
	-3767 Oct 11 j 14:32	0°♍	
	-3767 Nov 01 j 11:06	0°♎	
desc. node	-3767 Nov 03 j 10:32	3°♎02'24	
morning set	-3767 Nov 05 j 17:38	6°♎35'55	
max. Earth dist.	-3767 Nov 14 j 21:39	21°♎08'35	1.43003 AU
	-3767 Nov 20 j 07:02	0°♏	
superior conj	-3767 Nov 21 j 11:04	1°♏57'13	-1°38'34
minimum elong	-3767 Nov 21 j 05:25	1°♏33'32	1°38'12
evening rise	-3767 Dec 03 j 11:18	22°♏44'39	
	-3767 Dec 07 j 13:44	0°♐	
asc. node	-3767 Dec 19 j 01:54	17°♐58'00	
evening max el	-3767 Dec 20 j 13:29	19°♐35'00	18°08'14
retrograde	-3767 Dec 27 j 04:16	23°♐03'07	
evening set	-3767 Dec 29 j 21:48	22°♐27'09	
inferior conj	-3766 Jan 05 j 09:19	17°♐18'45	3°58'36
minimum elong	-3766 Jan 05 j 07:51	17°♐22'28	3°58'21
min. Earth dist.	-3766 Jan 08 j 05:31	14°♐27'16	0.62128 AU
morning rise	-3766 Jan 11 j 16:55	11°♐27'58	
direct	-3766 Jan 18 j 17:59	8°♐54'15	
desc. node	-3766 Jan 30 j 10:03	14°♐30'29	
morning max el	-3766 Feb 01 j 17:24	16°♐38'39	27°42'25
	-3766 Feb 12 j 19:45	0°♑	
	-3766 Mar 02 j 21:10	0°♒	
morning set	-3766 Mar 06 j 23:33	8°♒06'49	
max. Earth dist.	-3766 Mar 12 j 19:23	20°♒21'08	1.32827 AU
superior conj	-3766 Mar 14 j 08:47	23°♒43'17	-0°27'47
minimum elong	-3766 Mar 14 j 10:02	23°♒50'04	0°27'36
asc. node	-3766 Mar 17 j 01:18	29°♒33'53	
	-3766 Mar 17 j 06:06	0°♓	
evening rise	-3766 Mar 21 j 09:02	8°♓50'48	
	-3766 Apr 01 j 10:42	0°♈	
evening max el	-3766 Apr 15 j 08:55	18°♈29'05	24°19'45
desc. node	-3766 Apr 28 j 08:54	25°♈26'57	
retrograde	-3766 Apr 29 j 06:17	25°♈28'46	
evening set	-3766 May 03 j 17:03	24°♈44'19	
min. Earth dist.	-3766 May 09 j 20:40	21°♈41'39	0.56706 AU
inferior conj	-3766 May 12 j 12:03	20°♈01'24	-3°25'58
minimum elong	-3766 May 12 j 06:21	20°♈10'28	3°24'41
morning rise	-3766 May 20 j 22:47	15°♈56'59	
direct	-3766 May 23 j 10:23	15°♈40'19	
morning max el	-3766 Jun 01 j 22:48	20°♈05'19	19°34'09
	-3766 Jun 09 j 17:04	0°♉	
asc. node	-3766 Jun 13 j 00:53	5°♉39'11	
morning set	-3766 Jun 19 j 09:07	17°♉50'05	
	-3766 Jun 25 j 10:21	0°♊	
superior conj	-3766 Jun 27 j 11:20	4°♊02'48	1°45'17
minimum elong	-3766 Jun 27 j 09:44	3°♊54'56	1°45'19
max. Earth dist.	-3766 Jul 03 j 08:33	15°♊19'46	1.37497 AU
evening rise	-3766 Jul 07 j 05:12	22°♊22'13	
	-3766 Jul 11 j 14:18	0°♋	
desc. node	-3766 Jul 25 j 07:53	21°♋38'32	
	-3766 Jul 31 j 07:18	0°♌	
evening max el	-3766 Aug 12 j 02:22	13°♌58'56	25°17'41
retrograde	-3766 Aug 24 j 00:47	20°♌54'08	
evening set	-3766 Aug 29 j 22:37	18°♌22'22	
min. Earth dist.	-3766 Sep 03 j 08:50	13°♌22'52	0.66921 AU
inferior conj	-3766 Sep 04 j 08:36	12°♌05'13	-1°32'48
minimum elong	-3766 Sep 04 j 10:46	11°♌58'09	1°31'50
asc. node	-3766 Sep 09 j 00:02	6°♌48'28	
morning rise	-3766 Sep 09 j 23:01	6°♌05'05	
direct	-3766 Sep 13 j 09:59	4°♌55'49	
morning max el	-3766 Sep 20 j 19:21	9°♌10'51	19°40'36
	-3766 Oct 06 j 00:51	0°♍	
morning set	-3766 Oct 15 j 17:11	14°♍55'01	
desc. node	-3766 Oct 21 j 07:31	23°♍38'28	
	-3766 Oct 25 j 08:43	0°♎	
max. Earth dist.	-3766 Oct 28 j 10:19	4°♎51'05	1.44243 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3766 Nov 01 j 10:21	11°♎14'34	-1°06'55
minimum elong	-3766 Nov 01 j 03:25	10°♎46'42	1°06'10
	-3766 Nov 12 j 20:46	0°♏	
evening rise	-3766 Nov 15 j 09:21	4°♏14'25	
	-3766 Dec 01 j 13:46	0°♐	
evening max el	-3766 Dec 04 j 02:10	2°♐54'12	18°21'23
asc. node	-3766 Dec 05 j 22:57	4°♐35'20	
retrograde	-3766 Dec 10 j 15:43	6°♐29'26	
evening set	-3766 Dec 13 j 13:14	5°♐44'23	
inferior conj	-3766 Dec 19 j 15:20	0°♐16'49	3°38'06
minimum elong	-3766 Dec 19 j 12:33	0°♐24'38	3°37'29
	-3766 Dec 19 j 21:17	30°℞♏	
min. Earth dist.	-3766 Dec 21 j 21:14	27°♏45'20	0.63861 AU
morning rise	-3766 Dec 25 j 11:18	24°♏16'05	
direct	-3765 Jan 01 j 10:53	21°♏26'34	
morning max el	-3765 Jan 15 j 01:34	29°♏10'49	27°31'22
	-3765 Jan 15 j 21:05	0°♐	
desc. node	-3765 Jan 17 j 07:08	1°♐29'48	
	-3765 Feb 06 j 15:53	0°♑	
morning set	-3765 Feb 18 j 20:41	22°♑15'50	
	-3765 Feb 22 j 16:20	0°♒	
max. Earth dist.	-3765 Feb 23 j 23:14	2°♒40'43	1.33475 AU
superior conj	-3765 Feb 26 j 16:02	8°♒23'12	-0°52'27
minimum elong	-3765 Feb 26 j 18:19	8°♒35'22	0°52'09
asc. node	-3765 Mar 03 j 22:19	19°♒39'20	
evening rise	-3765 Mar 05 j 20:28	23°♒43'30	
	-3765 Mar 08 j 21:39	0°♓	
evening max el	-3765 Mar 28 j 01:33	29°♓11'48	22°45'37
	-3765 Mar 28 j 22:20	0°♈	
retrograde	-3765 Apr 10 j 05:39	5°♈39'31	
evening set	-3765 Apr 13 j 10:06	5°♈17'17	
desc. node	-3765 Apr 15 j 06:01	4°♈45'42	
min. Earth dist.	-3765 Apr 21 j 11:08	1°♈45'17	0.55502 AU
inferior conj	-3765 Apr 22 j 17:40	1°♈01'21	-2°00'40
minimum elong	-3765 Apr 22 j 12:36	1°♈08'40	1°59'05
	-3765 Apr 24 j 12:49	30°℞♓	
morning rise	-3765 May 01 j 17:12	27°♓04'22	
direct	-3765 May 04 j 06:44	26°♓48'56	
	-3765 May 13 j 00:18	0°♈	
morning max el	-3765 May 15 j 11:08	2°♈02'19	20°46'52
asc. node	-3765 May 30 j 21:56	25°♈01'57	
	-3765 Jun 02 j 10:00	0°♉	
morning set	-3765 Jun 03 j 15:22	2°♉29'24	
superior conj	-3765 Jun 11 j 05:35	18°♉10'34	1°34'22
minimum elong	-3765 Jun 11 j 03:05	17°♉57'48	1°34'14
max. Earth dist.	-3765 Jun 15 j 16:22	27°♉06'24	1.35809 AU
	-3765 Jun 17 j 03:59	0°♊	
evening rise	-3765 Jun 19 j 22:13	5°♊14'52	
	-3765 Jul 04 j 09:49	0°♋	
desc. node	-3765 Jul 12 j 04:55	11°♋27'28	
evening max el	-3765 Jul 25 j 13:24	27°♋30'18	26°22'30
	-3765 Jul 28 j 07:21	0°♌	
retrograde	-3765 Aug 07 j 07:17	4°♌43'59	
evening set	-3765 Aug 13 j 19:01	1°♌59'56	
	-3765 Aug 15 j 20:18	30°℞♋	
min. Earth dist.	-3765 Aug 17 j 21:13	27°♋38'20	0.66164 AU
inferior conj	-3765 Aug 19 j 09:03	25°♋48'01	-2°23'27
minimum elong	-3765 Aug 19 j 12:15	25°♋38'10	2°22'11
morning rise	-3765 Aug 25 j 05:44	19°♋59'00	
asc. node	-3765 Aug 26 j 21:11	19°♋16'20	
direct	-3765 Aug 28 j 08:03	19°♋04'17	
morning max el	-3765 Sep 04 j 03:59	22°♋54'05	18°49'26
	-3765 Sep 09 j 20:57	0°♌	
morning set	-3765 Sep 25 j 10:54	24°♌10'58	
	-3765 Sep 29 j 02:43	0°♍	
desc. node	-3765 Oct 08 j 04:29	14°♍20'20	
max. Earth dist.	-3765 Oct 11 j 03:11	18°♍58'51	1.44817 AU
superior conj	-3765 Oct 11 j 13:05	19°♍37'52	-0°21'15
minimum elong	-3765 Oct 11 j 10:18	19°♍26'54	0°20'50
	-3765 Oct 18 j 02:39	0°♎	
evening rise	-3765 Oct 27 j 07:44	14°♎42'13	
	-3765 Nov 05 j 20:36	0°♏	
evening max el	-3765 Nov 17 j 13:31	16°♏19'15	18°52'26
asc. node	-3765 Nov 22 j 20:04	19°♏57'34	
retrograde	-3765 Nov 24 j 09:13	20°♏10'55	
evening set	-3765 Nov 27 j 12:23	19°♏14'49	
inferior conj	-3765 Dec 03 j 07:16	13°♏30'35	3°04'57
minimum elong	-3765 Dec 03 j 04:06	13°♏40'15	3°04'01
min. Earth dist.	-3765 Dec 04 j 22:32	11°♏30'12	0.65261 AU
morning rise	-3765 Dec 08 j 19:29	7°♏22'47	
direct	-3765 Dec 15 j 10:18	4°♏32'26	
morning max el	-3765 Dec 28 j 11:06	12°♏06'53	26°48'27
desc. node	-3764 Jan 04 j 04:10	19°♏40'16	
	-3764 Jan 11 j 21:01	0°♐	
	-3764 Jan 30 j 05:00	0°♑	
morning set	-3764 Feb 02 j 07:09	5°♑47'40	
max. Earth dist.	-3764 Feb 06 j 16:43	14°♑24'50	1.34565 AU
superior conj	-3764 Feb 10 j 18:02	22°♑42'15	-1°15'25
minimum elong	-3764 Feb 10 j 21:03	22°♑57'53	1°15'07
	-3764 Feb 14 j 05:39	0°♒	
evening rise	-3764 Feb 18 j 05:59	8°♒24'33	
asc. node	-3764 Feb 18 j 19:19	9°♒33'27	
	-3764 Feb 29 j 21:41	0°♓	
evening max el	-3764 Mar 09 j 00:26	10°♓09'38	21°16'03
retrograde	-3764 Mar 20 j 19:36	15°♓48'48	
evening set	-3764 Mar 23 j 06:40	15°♓34'55	
desc. node	-3764 Apr 01 j 03:09	11°♓49'53	
inferior conj	-3764 Apr 01 j 13:11	11°♓35'43	-0°06'59
minimum elong	-3764 Apr 01 j 12:51	11°♓36'11	0°06'55
transit middle	-3764 Apr 01 j 12:51	11°♓36'11	0°06'55
transit begin	-3764 Apr 01 j 09:10	11°♓41'24	
transit end	-3764 Apr 01 j 16:33	11°♓30'59	
min. Earth dist.	-3764 Apr 02 j 01:10	11°♓18'48	0.55160 AU
morning rise	-3764 Apr 10 j 18:50	7°♓29'47	
direct	-3764 Apr 13 j 18:57	7°♓10'01	
morning max el	-3764 Apr 26 j 12:31	13°♓16'35	22°16'30
	-3764 May 09 j 00:18	0°♈	
asc. node	-3764 May 16 j 18:58	14°♈45'32	
morning set	-3764 May 18 j 01:22	17°♈22'26	
	-3764 May 24 j 00:46	0°♉	
superior conj	-3764 May 25 j 07:42	2°♉43'25	1°18'17
minimum elong	-3764 May 25 j 05:02	2°♉29'23	1°17'59
max. Earth dist.	-3764 May 28 j 10:01	9°♉10'41	1.34458 AU
evening rise	-3764 Jun 02 j 06:37	18°♉55'05	
	-3764 Jun 08 j 04:43	0°♊	
	-3764 Jun 27 j 12:22	0°♋	
desc. node	-3764 Jun 28 j 01:58	0°♋43'59	
evening max el	-3764 Jul 07 j 01:00	10°♋55'05	27°07'23
retrograde	-3764 Jul 20 j 08:23	18°♋16'48	
evening set	-3764 Jul 27 j 07:04	15°♋29'08	
min. Earth dist.	-3764 Jul 31 j 02:15	11°♋45'19	0.65037 AU
inferior conj	-3764 Aug 02 j 03:28	9°♋25'39	-3°09'27
minimum elong	-3764 Aug 02 j 07:16	9°♋14'52	3°08'13
morning rise	-3764 Aug 08 j 07:57	3°♋51'05	
direct	-3764 Aug 11 j 03:57	3°♋07'44	
asc. node	-3764 Aug 12 j 18:18	3°♋21'28	
morning max el	-3764 Aug 17 j 17:00	6°♋40'40	18°14'50
	-3764 Sep 02 j 10:50	0°♌	
morning set	-3764 Sep 05 j 08:03	4°♌47'23	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3764 Sep 19 j 15:21	28°♌04'37	0°27'55
minimum elong	-3764 Sep 19 j 18:44	28°♌18'06	0°27'34
	-3764 Sep 20 j 20:21	0°♍	
max. Earth dist.	-3764 Sep 22 j 21:31	3°♍14'52	1.44663 AU
desc. node	-3764 Sep 24 j 01:25	5°♍05'04	
evening rise	-3764 Oct 06 j 05:44	24°♍08'31	
	-3764 Oct 10 j 00:11	0°♎	
greatest brilliancy	-3764 Oct 18 j 07:00	12°♎44'33	-0.7m
evening max el	-3764 Oct 30 j 21:12	29°♎46'28	19°39'54
	-3764 Oct 31 j 02:29	0°♏	
retrograde	-3764 Nov 07 j 05:48	4°♏03'02	
asc. node	-3764 Nov 08 j 17:11	3°♏50'27	
evening set	-3764 Nov 10 j 16:37	2°♏53'30	
	-3764 Nov 13 j 19:06	30°℞♎	
inferior conj	-3764 Nov 16 j 06:09	26°♎55'31	2°23'13
minimum elong	-3764 Nov 16 j 03:18	27°♎04'48	2°22'12
min. Earth dist.	-3764 Nov 17 j 08:01	25°♎31'06	0.66298 AU
morning rise	-3764 Nov 21 j 13:47	20°♎42'58	
direct	-3764 Nov 27 j 15:24	18°♎03'32	
morning max el	-3764 Dec 09 j 20:16	25°♎16'00	25°41'31
	-3764 Dec 14 j 04:26	0°♏	
desc. node	-3764 Dec 21 j 01:11	8°♏40'55	
	-3763 Jan 04 j 08:53	0°♐	
morning set	-3763 Jan 15 j 02:30	18°♐29'07	
max. Earth dist.	-3763 Jan 18 j 22:40	25°♐39'15	1.36104 AU
	-3763 Jan 21 j 04:47	0°♑	
superior conj	-3763 Jan 24 j 12:10	6°♑32'44	-1°35'06
minimum elong	-3763 Jan 24 j 15:19	6°♑48'30	1°34'55
evening rise	-3763 Feb 01 j 11:42	22°♑48'11	
asc. node	-3763 Feb 04 j 16:20	29°♑11'21	
	-3763 Feb 05 j 02:18	0°♒	
evening max el	-3763 Feb 19 j 09:17	21°♒39'31	20°00'22
retrograde	-3763 Mar 01 j 11:53	26°♒27'29	
evening set	-3763 Mar 03 j 19:01	26°♒13'43	
inferior conj	-3763 Mar 12 j 12:37	22°♒13'12	1°44'23
minimum elong	-3763 Mar 12 j 16:46	22°♒06'53	1°42'59
min. Earth dist.	-3763 Mar 14 j 15:11	20°♒56'25	0.55753 AU
desc. node	-3763 Mar 19 j 00:16	18°♒37'06	
morning rise	-3763 Mar 21 j 12:27	17°♒42'28	
direct	-3763 Mar 25 j 11:10	17°♒08'09	
morning max el	-3763 Apr 08 j 05:44	23°♒59'01	23°55'23
	-3763 Apr 13 j 16:12	0°♓	
	-3763 May 01 j 09:46	0°♈	
morning set	-3763 May 02 j 13:15	2°♈23'05	
asc. node	-3763 May 03 j 15:57	4°♈43'49	
superior conj	-3763 May 09 j 15:01	17°♈32'53	0°58'28
minimum elong	-3763 May 09 j 12:44	17°♈20'35	0°58'07
max. Earth dist.	-3763 May 11 j 13:11	21°♈40'09	1.33475 AU
	-3763 May 15 j 12:43	0°♉	
evening rise	-3763 May 17 j 02:01	3°♉09'18	
	-3763 May 31 j 23:56	0°♊	
desc. node	-3763 Jun 14 j 23:03	19°♊13'58	
evening max el	-3763 Jun 19 j 11:23	24°♊00'09	27°25'16
	-3763 Jun 27 j 14:26	0°♋	
retrograde	-3763 Jul 03 j 03:34	1°♋23'37	
	-3763 Jul 08 j 08:16	30°℞♊	
evening set	-3763 Jul 10 j 07:29	28°♊44'15	
min. Earth dist.	-3763 Jul 13 j 21:58	25°♊33'50	0.63530 AU
inferior conj	-3763 Jul 16 j 13:10	22°♊51'59	-3°47'43
minimum elong	-3763 Jul 16 j 16:48	22°♊42'41	3°46'52
morning rise	-3763 Jul 23 j 02:58	17°♊35'10	
direct	-3763 Jul 25 j 18:50	17°♊00'31	
asc. node	-3763 Jul 30 j 15:22	18°♊55'38	
morning max el	-3763 Aug 01 j 07:54	20°♊25'09	17°57'51
	-3763 Aug 08 j 12:04	0°♋	
morning set	-3763 Aug 18 j 06:28	16°♋35'49	
	-3763 Aug 26 j 01:28	0°♌	
superior conj	-3763 Aug 30 j 13:41	7°♌32'21	1°08'25
minimum elong	-3763 Aug 30 j 19:27	7°♌56'11	1°07'54
max. Earth dist.	-3763 Sep 05 j 13:43	17°♌18'42	1.43805 AU
desc. node	-3763 Sep 10 j 22:23	25°♌49'16	
	-3763 Sep 13 j 14:32	0°♍	
evening rise	-3763 Sep 15 j 11:30	2°♍54'22	
	-3763 Oct 03 j 13:58	0°♎	
evening max el	-3763 Oct 13 j 23:18	13°♎12'41	20°41'42
retrograde	-3763 Oct 22 j 03:02	18°♎01'47	
evening set	-3763 Oct 25 j 23:39	16°♎36'19	
asc. node	-3763 Oct 26 j 14:18	16°♎07'02	
inferior conj	-3763 Oct 31 j 09:33	10°♎27'53	1°35'39
minimum elong	-3763 Oct 31 j 07:29	10°♎34'56	1°34'49
min. Earth dist.	-3763 Oct 31 j 23:35	9°♎40'15	0.66988 AU
morning rise	-3763 Nov 05 j 15:09	4°♎12'53	
direct	-3763 Nov 11 j 01:36	1°♎51'32	
morning max el	-3763 Nov 22 j 04:59	8°♎29'58	24°19'55
desc. node	-3763 Dec 07 j 22:09	28°♎16'36	
	-3763 Dec 09 j 02:54	0°♏	
morning set	-3763 Dec 28 j 00:57	0°♐04'03	
	-3763 Dec 28 j 00:01	0°♐	
max. Earth dist.	-3763 Dec 31 j 20:14	6°♐47'55	1.38004 AU
superior conj	-3762 Jan 07 j 18:58	19°♐44'26	-1°49'21
minimum elong	-3762 Jan 07 j 21:16	19°♐55'28	1°49'22
	-3762 Jan 13 j 01:00	0°♑	
evening rise	-3762 Jan 16 j 11:18	6°♑47'28	
asc. node	-3762 Jan 22 j 13:21	18°♑26'48	
	-3762 Jan 29 j 20:34	0°♒	
evening max el	-3762 Feb 02 j 04:28	3°♒45'13	19°03'20
retrograde	-3762 Feb 10 j 18:27	7°♒51'58	
evening set	-3762 Feb 13 j 03:43	7°♒34'14	
inferior conj	-3762 Feb 21 j 04:00	3°♒19'40	3°06'02
minimum elong	-3762 Feb 21 j 08:45	3°♒11'21	3°04'51
min. Earth dist.	-3762 Feb 24 j 06:30	1°♒10'19	0.57128 AU
	-3762 Feb 26 j 02:39	30°℞♑	
morning rise	-3762 Mar 01 j 11:07	28°♑18'19	
desc. node	-3762 Mar 05 j 21:21	27°♑16'32	
direct	-3762 Mar 06 j 15:18	27°♑15'11	
	-3762 Mar 15 j 03:08	0°♒	
morning max el	-3762 Mar 20 j 20:45	4°♒34'58	25°30'36
	-3762 Apr 08 j 03:11	0°♓	
morning set	-3762 Apr 17 j 01:21	17°♓25'39	
asc. node	-3762 Apr 20 j 12:55	24°♓52'01	
	-3762 Apr 22 j 21:31	0°♈	
superior conj	-3762 Apr 24 j 01:26	2°♈32'11	0°36'02
minimum elong	-3762 Apr 23 j 23:54	2°♈23'51	0°35'44
max. Earth dist.	-3762 Apr 24 j 23:06	4°♈30'10	1.32849 AU
evening rise	-3762 May 01 j 05:00	17°♈47'02	
	-3762 May 07 j 10:02	0°♉	
	-3762 May 26 j 17:59	0°♊	
desc. node	-3762 Jun 01 j 20:08	6°♊37'57	
evening max el	-3762 Jun 01 j 18:12	6°♊33'20	27°11'27
retrograde	-3762 Jun 15 j 16:20	13°♊55'44	
evening set	-3762 Jun 22 j 16:25	11°♊38'46	
min. Earth dist.	-3762 Jun 26 j 07:40	8°♊51'02	0.61688 AU
inferior conj	-3762 Jun 29 j 11:04	6°♊00'14	-4°13'34
minimum elong	-3762 Jun 29 j 13:17	5°♊55'10	4°13'14
morning rise	-3762 Jul 06 j 11:40	1°♊03'53	
direct	-3762 Jul 09 j 01:08	0°♊35'54	
morning max el	-3762 Jul 15 j 21:58	4°♊01'45	17°59'20
asc. node	-3762 Jul 17 j 12:25	5°♊44'22	
morning set	-3762 Aug 01 j 00:47	29°♊21'42	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3762 Aug 01 j 09:11	0°♋	
superior conj	-3762 Aug 11 j 15:45	18°♋23'00	1°34'40
minimum elong	-3762 Aug 11 j 20:02	18°♋41'37	1°34'30
	-3762 Aug 18 j 12:13	0°♌	
max. Earth dist.	-3762 Aug 19 j 00:45	0°♌51'47	1.42365 AU
evening rise	-3762 Aug 25 j 19:32	11°♌48'38	
desc. node	-3762 Aug 28 j 19:22	16°♌30'02	
	-3762 Sep 06 j 16:58	0°♍	
evening max el	-3762 Sep 26 j 19:10	26°♍38'10	21°54'47
	-3762 Sep 30 j 15:02	0°♎	
retrograde	-3762 Oct 05 j 23:07	2°♎04'58	
evening set	-3762 Oct 10 j 07:37	0°♎21'29	
	-3762 Oct 10 j 17:50	30°℞♍	
asc. node	-3762 Oct 13 j 11:24	27°♍01'06	
inferior conj	-3762 Oct 15 j 15:30	24°♍06'07	0°44'23
minimum elong	-3762 Oct 15 j 14:29	24°♍09'38	0°43'58
min. Earth dist.	-3762 Oct 15 j 18:52	23°♍54'29	0.67360 AU
morning rise	-3762 Oct 20 j 21:13	17°♍51'18	
direct	-3762 Oct 25 j 16:31	15°♍51'09	
morning max el	-3762 Nov 04 j 15:17	21°♍47'12	22°53'18
	-3762 Nov 11 j 16:45	0°♎	
desc. node	-3762 Nov 24 j 19:07	18°♎17'28	
	-3762 Dec 02 j 10:54	0°♏	
morning set	-3762 Dec 08 j 20:34	10°♏18'20	
max. Earth dist.	-3762 Dec 13 j 16:20	18°♏24'43	1.40074 AU
	-3762 Dec 20 j 06:15	0°♐	
superior conj	-3762 Dec 21 j 09:55	2°♐05'41	-1°55'13
minimum elong	-3762 Dec 21 j 09:58	2°♐05'55	1°55'21
evening rise	-3762 Dec 31 j 02:00	20°♐15'27	
	-3761 Jan 05 j 06:40	0°♑	
asc. node	-3761 Jan 09 j 10:24	7°♑12'04	
evening max el	-3761 Jan 16 j 08:12	16°♑21'52	18°26'20
retrograde	-3761 Jan 23 j 19:23	20°♑02'06	
evening set	-3761 Jan 26 j 07:57	19°♑38'13	
inferior conj	-3761 Feb 02 j 15:50	15°♑03'47	3°50'08
minimum elong	-3761 Feb 02 j 18:19	14°♑58'43	3°49'43
min. Earth dist.	-3761 Feb 06 j 01:14	12°♑19'24	0.58997 AU
morning rise	-3761 Feb 10 j 02:28	9°♑37'37	
direct	-3761 Feb 16 j 08:45	7°♑55'36	
desc. node	-3761 Feb 20 j 18:26	8°♑44'10	
morning max el	-3761 Mar 02 j 15:05	15°♑30'44	26°46'53
	-3761 Mar 14 j 09:24	0°♒	
	-3761 Mar 31 j 08:21	0°♓	
morning set	-3761 Apr 01 j 11:55	2°♓22'48	
asc. node	-3761 Apr 07 j 09:53	15°♓04'56	
superior conj	-3761 Apr 08 j 13:07	17°♓33'59	0°11'52
minimum elong	-3761 Apr 08 j 12:35	17°♓31'07	0°11'42
behind sun begin	-3761 Apr 08 j 09:13	17°♓12'40	
behind sun end	-3761 Apr 08 j 15:58	17°♓49'34	
max. Earth dist.	-3761 Apr 08 j 12:11	17°♓28'52	1.32568 AU
	-3761 Apr 14 j 06:50	0°♈	
evening rise	-3761 Apr 15 j 12:55	2°♈38'23	
	-3761 Apr 30 j 09:29	0°♉	
evening max el	-3761 May 14 j 19:20	18°♉25'23	26°25'06
desc. node	-3761 May 19 j 17:14	22°♉27'39	
retrograde	-3761 May 28 j 21:15	25°♉44'09	
evening set	-3761 Jun 04 j 05:42	24°♉02'07	
min. Earth dist.	-3761 Jun 08 j 08:29	21°♉20'48	0.59655 AU
inferior conj	-3761 Jun 11 j 17:31	18°♉40'52	-4°19'51
minimum elong	-3761 Jun 11 j 16:53	18°♉42'07	4°19'44
morning rise	-3761 Jun 19 j 06:23	14°♉06'06	
direct	-3761 Jun 21 j 18:39	13°♉43'23	
morning max el	-3761 Jun 29 j 08:16	17°♉21'40	18°20'09
asc. node	-3761 Jul 04 j 09:27	23°♉31'30	

	-3761 Jul 08 j 10:12	0°♊	
morning set	-3761 Jul 15 j 09:47	12°♊51'06	
superior conj	-3761 Jul 24 j 18:41	0°♋27'51	1°47'10
minimum elong	-3761 Jul 24 j 20:16	0°♋35'09	1°47'16
	-3761 Jul 24 j 12:36	0°♋	
max. Earth dist.	-3761 Aug 01 j 05:41	13°♋41'25	1.40541 AU
evening rise	-3761 Aug 05 j 23:22	21°♋39'31	
	-3761 Aug 11 j 03:23	0°♌	
desc. node	-3761 Aug 15 j 16:23	7°♌03'16	
	-3761 Aug 31 j 19:19	0°♍	
evening max el	-3761 Sep 09 j 09:44	10°♍04'30	23°14'36
retrograde	-3761 Sep 19 j 16:30	16°♍09'50	
evening set	-3761 Sep 24 j 14:46	14°♍06'59	
inferior conj	-3761 Sep 29 j 22:11	7°♍48'22	-0°08'51
minimum elong	-3761 Sep 29 j 22:23	7°♍47'40	0°08'42
transit middle	-3761 Sep 29 j 22:23	7°♍47'40	0°08'42
transit begin	-3761 Sep 29 j 20:06	7°♍55'33	
transit end	-3761 Sep 30 j 00:41	7°♍39'48	
min. Earth dist.	-3761 Sep 29 j 15:23	8°♍11'45	0.67429 AU
asc. node	-3761 Sep 30 j 08:31	7°♍12'55	
morning rise	-3761 Oct 05 j 05:55	1°♍36'44	
	-3761 Oct 08 j 19:53	30°℞♌	
direct	-3761 Oct 09 j 11:13	29°♌57'50	
	-3761 Oct 10 j 02:47	0°♍	
morning max el	-3761 Oct 18 j 06:17	5°♍09'58	21°30'15
	-3761 Nov 05 j 22:50	0°♎	
desc. node	-3761 Nov 11 j 16:05	8°♎36'21	
morning set	-3761 Nov 18 j 12:03	19°♎12'57	
	-3761 Nov 25 j 04:47	0°♏	
max. Earth dist.	-3761 Nov 25 j 17:43	0°♏53'10	1.42034 AU
superior conj	-3761 Dec 03 j 03:33	13°♏23'17	-1°49'04
minimum elong	-3761 Dec 03 j 00:01	13°♏08'01	1°49'00
	-3761 Dec 12 j 11:46	0°♐	
evening rise	-3761 Dec 14 j 04:21	3°♐04'42	
asc. node	-3761 Dec 27 j 07:28	25°♐17'48	
evening max el	-3761 Dec 30 j 17:45	29°♐21'30	18°09'16
	-3761 Dec 31 j 10:02	0°♑	
retrograde	-3760 Jan 06 j 13:00	2°♑50'00	
evening set	-3760 Jan 09 j 04:45	2°♑18'40	
	-3760 Jan 12 j 23:40	30°℞♐	
inferior conj	-3760 Jan 15 j 22:54	27°♐22'38	4°02'25
minimum elong	-3760 Jan 15 j 22:39	27°♐23'12	4°02'16
min. Earth dist.	-3760 Jan 19 j 02:10	24°♐27'13	0.61019 AU
morning rise	-3760 Jan 22 j 15:12	21°♐39'30	
direct	-3760 Jan 29 j 12:58	19°♐21'13	
desc. node	-3760 Feb 07 j 15:30	22°♐48'40	
morning max el	-3760 Feb 12 j 15:23	27°♐03'15	27°32'23
	-3760 Feb 15 j 11:08	0°♑	
	-3760 Mar 06 j 22:06	0°♒	
morning set	-3760 Mar 15 j 19:08	17°♒07'45	
	-3760 Mar 21 j 20:30	0°♓	
max. Earth dist.	-3760 Mar 22 j 00:47	0°♓23'19	1.32633 AU
superior conj	-3760 Mar 23 j 00:27	2°♓32'17	-0°13'15
minimum elong	-3760 Mar 23 j 01:03	2°♓35'33	0°13'11
behind sun begin	-3760 Mar 22 j 22:15	2°♓20'16	
behind sun end	-3760 Mar 23 j 03:51	2°♓50'50	
asc. node	-3760 Mar 24 j 06:53	5°♓18'26	
evening rise	-3760 Mar 29 j 23:40	17°♓35'54	
	-3760 Apr 05 j 03:52	0°♈	
evening max el	-3760 Apr 25 j 14:31	29°♈37'17	25°10'53
	-3760 Apr 26 j 00:08	0°♉	
desc. node	-3760 May 05 j 14:20	6°♉07'55	
retrograde	-3760 May 09 j 15:51	6°♉46'27	
evening set	-3760 May 14 j 21:11	5°♉43'13	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3760 May 20 j 02:51	2°♉52'01	0.57688 AU
inferior conj	-3760 May 23 j 05:13	0°♉44'57	-3°56'39
minimum elong	-3760 May 23 j 00:59	0°♉52'15	3°55'57
	-3760 May 24 j 07:36	30℞♈	
morning rise	-3760 May 31 j 07:42	26°♈30'32	
direct	-3760 Jun 02 j 19:29	26°♈11'55	
	-3760 Jun 11 j 04:59	0°♉	
morning max el	-3760 Jun 11 j 11:52	0°♉15'50	19°01'11
asc. node	-3760 Jun 20 j 06:29	12°♉03'54	
morning set	-3760 Jun 28 j 05:24	26°♉53'56	
	-3760 Jun 29 j 19:07	0°♊	
superior conj	-3760 Jul 06 j 16:50	13°♊31'27	1°48'29
minimum elong	-3760 Jul 06 j 16:09	13°♊28'10	1°48'37
max. Earth dist.	-3760 Jul 13 j 07:33	25°♊51'17	1.38588 AU
	-3760 Jul 15 j 15:19	0°♋	
evening rise	-3760 Jul 17 j 05:23	2°♋46'24	
desc. node	-3760 Aug 01 j 13:24	27°♋24'15	
	-3760 Aug 03 j 07:44	0°♌	
evening max el	-3760 Aug 21 j 21:16	23°♌33'37	24°34'41
	-3760 Aug 31 j 11:44	0°♍	
retrograde	-3760 Sep 02 j 06:05	0°♍12'30	
	-3760 Sep 03 j 22:44	30℞♌	
evening set	-3760 Sep 07 j 19:17	27°♌50'41	
min. Earth dist.	-3760 Sep 12 j 10:34	22°♌30'05	0.67197 AU
inferior conj	-3760 Sep 13 j 03:51	21°♌32'15	-1°02'27
minimum elong	-3760 Sep 13 j 05:19	21°♌27'20	1°01'45
asc. node	-3760 Sep 16 j 05:38	17°♌40'19	
morning rise	-3760 Sep 18 j 15:21	15°♌27'01	
direct	-3760 Sep 22 j 08:29	14°♌07'36	
morning max el	-3760 Sep 30 j 04:14	18°♌40'48	20°16'52
	-3760 Oct 09 j 04:10	0°♍	
morning set	-3760 Oct 27 j 10:46	27°♍25'08	
desc. node	-3760 Oct 28 j 13:04	29°♍07'11	
	-3760 Oct 29 j 02:39	0°♎	
max. Earth dist.	-3760 Nov 07 j 03:02	14°♎14'03	1.43605 AU
superior conj	-3760 Nov 12 j 18:38	23°♎24'29	-1°27'14
minimum elong	-3760 Nov 12 j 11:53	22°♎56'45	1°26'39
	-3760 Nov 16 j 17:57	0°♏	
evening rise	-3760 Nov 25 j 14:04	15°♏05'52	
	-3760 Dec 04 j 06:34	0°♐	
asc. node	-3760 Dec 13 j 04:34	12°♐31'24	
evening max el	-3760 Dec 13 j 06:07	12°♐35'20	18°11'34
retrograde	-3760 Dec 19 j 19:12	16°♐04'50	
evening set	-3760 Dec 22 j 14:23	15°♐25'02	
inferior conj	-3760 Dec 28 j 21:36	10°♐08'10	3°51'43
minimum elong	-3760 Dec 28 j 19:27	10°♐13'52	3°51'20
min. Earth dist.	-3760 Dec 31 j 11:53	7°♐23'37	0.62909 AU
morning rise	-3759 Jan 03 j 23:46	4°♐13'04	
direct	-3759 Jan 11 j 01:27	1°♐30'50	
desc. node	-3759 Jan 24 j 12:34	8°♐53'50	
morning max el	-3759 Jan 24 j 21:16	9°♐15'04	27°41'54
	-3759 Feb 10 j 01:43	0°♑	
	-3759 Feb 27 j 02:19	0°♒	
morning set	-3759 Feb 27 j 20:42	1°♒32'09	
max. Earth dist.	-3759 Mar 05 j 09:05	12°♒59'37	1.33061 AU
superior conj	-3759 Mar 07 j 09:43	17°♒20'25	-0°38'22
minimum elong	-3759 Mar 07 j 11:26	17°♒29'38	0°38'08
asc. node	-3759 Mar 11 j 03:55	25°♒27'55	
	-3759 Mar 13 j 06:38	0°♓	
evening rise	-3759 Mar 14 j 11:22	2°♓32'09	
	-3759 Mar 29 j 15:46	0°♈	
evening max el	-3759 Apr 07 j 06:26	10°♈23'02	23°39'51
retrograde	-3759 Apr 20 j 21:56	17°♈10'39	
desc. node	-3759 Apr 22 j 11:25	17°♈05'11	
evening set	-3759 Apr 24 j 19:04	16°♈37'32	
min. Earth dist.	-3759 May 01 j 17:39	13°♈24'03	0.56109 AU
inferior conj	-3759 May 03 j 20:51	12°♈06'57	-2°54'31
minimum elong	-3759 May 03 j 14:50	12°♈16'04	2°52'55
morning rise	-3759 May 12 j 13:26	8°♈07'19	
direct	-3759 May 15 j 01:34	7°♈51'25	
morning max el	-3759 May 25 j 06:12	12°♈35'22	20°02'45
	-3759 Jun 06 j 12:11	0°♉	
asc. node	-3759 Jun 07 j 03:32	1°♉10'57	
morning set	-3759 Jun 12 j 08:31	11°♉22'22	
superior conj	-3759 Jun 20 j 05:01	27°♉19'42	1°41'23
minimum elong	-3759 Jun 20 j 02:56	27°♉09'17	1°41'22
	-3759 Jun 21 j 13:12	0°♊	
max. Earth dist.	-3759 Jun 25 j 11:55	7°♊40'31	1.36744 AU
evening rise	-3759 Jun 29 j 11:08	15°♊04'25	
	-3759 Jul 08 j 01:49	0°♋	
desc. node	-3759 Jul 19 j 10:25	17°♋27'18	
	-3759 Jul 28 j 21:45	0°♌	
evening max el	-3759 Aug 04 j 08:05	7°♌05'30	25°47'17
retrograde	-3759 Aug 16 j 15:10	14°♌09'10	
evening set	-3759 Aug 22 j 19:16	11°♌31'19	
min. Earth dist.	-3759 Aug 27 j 02:01	6°♌47'59	0.66644 AU
inferior conj	-3759 Aug 28 j 06:45	5°♌16'19	-1°54'42
minimum elong	-3759 Aug 28 j 09:23	5°♌07'54	1°53'34
	-3759 Sep 02 j 01:39	30℞♋	
morning rise	-3759 Sep 02 j 23:38	29°♋20'39	
asc. node	-3759 Sep 03 j 02:45	29°♋15'49	
direct	-3759 Sep 06 j 06:44	28°♋17'52	
	-3759 Sep 10 j 17:27	0°♌	
morning max el	-3759 Sep 13 j 09:25	2°♌20'41	19°16'59
	-3759 Oct 02 j 19:03	0°♍	
morning set	-3759 Oct 06 j 16:00	6°♍03'18	
desc. node	-3759 Oct 15 j 10:03	19°♍46'13	
max. Earth dist.	-3759 Oct 20 j 18:29	28°♍11'56	1.44577 AU
	-3759 Oct 21 j 21:48	0°♎	
superior conj	-3759 Oct 23 j 07:27	2°♎13'29	-0°48'48
minimum elong	-3759 Oct 23 j 01:37	1°♎50'19	0°48'05
evening rise	-3759 Nov 07 j 02:31	26°♎10'22	
	-3759 Nov 09 j 10:09	0°♏	
evening max el	-3759 Nov 26 j 18:32	25°♏57'21	18°32'24
asc. node	-3759 Nov 30 j 01:40	28°♏38'45	
retrograde	-3759 Dec 03 j 09:45	29°♏38'30	
evening set	-3759 Dec 06 j 09:30	28°♏48'53	
inferior conj	-3759 Dec 12 j 08:14	23°♏13'33	3°25'18
minimum elong	-3759 Dec 12 j 05:12	23°♏22'27	3°24'32
min. Earth dist.	-3759 Dec 14 j 07:41	20°♏54'43	0.64503 AU
morning rise	-3759 Dec 18 j 00:29	17°♏09'31	
direct	-3759 Dec 24 j 20:56	14°♏18'21	
morning max el	-3758 Jan 07 j 06:28	21°♏59'13	27°16'39
desc. node	-3758 Jan 11 j 09:39	26°♏26'18	
	-3758 Jan 14 j 08:35	0°♐	
	-3758 Feb 03 j 05:27	0°♑	
morning set	-3758 Feb 11 j 13:47	15°♑26'41	
max. Earth dist.	-3758 Feb 16 j 09:09	25°♑05'44	1.33892 AU
	-3758 Feb 18 j 17:43	0°♒	
superior conj	-3758 Feb 19 j 15:01	1°♒52'05	-1°02'30
minimum elong	-3758 Feb 19 j 17:40	2°♒06'03	1°02'10
asc. node	-3758 Feb 26 j 00:56	15°♒29'04	
evening rise	-3758 Feb 26 j 22:13	17°♒20'44	
	-3758 Mar 05 j 06:44	0°♓	
evening max el	-3758 Mar 20 j 00:53	21°♓08'28	22°06'07
retrograde	-3758 Apr 01 j 16:29	27°♓17'18	
evening set	-3758 Apr 04 j 11:48	26°♓59'50	
desc. node	-3758 Apr 09 j 08:33	25°♓17'18	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3758 Apr 13 j 20:38	22°♓52'41	-1°14'19
minimum elong	-3758 Apr 13 j 17:15	22°♓57'27	1°13'12
min. Earth dist.	-3758 Apr 13 j 07:31	23°♓11'11	0.55244 AU
morning rise	-3758 Apr 23 j 00:03	18°♓54'35	
direct	-3758 Apr 25 j 16:38	18°♓38'18	
morning max el	-3758 May 07 j 13:47	24°♓13'50	21°23'22
	-3758 May 12 j 17:16	0°♈	
asc. node	-3758 May 25 j 00:33	20°♈43'17	
morning set	-3758 May 27 j 16:37	26°♈08'28	
	-3758 May 29 j 13:12	0°♉	
superior conj	-3758 Jun 04 j 03:00	11°♉39'30	1°28'05
minimum elong	-3758 Jun 04 j 00:22	11°♉25'47	1°27'52
max. Earth dist.	-3758 Jun 07 j 23:44	19°♉32'50	1.35185 AU
evening rise	-3758 Jun 12 j 11:16	28°♉18'49	
	-3758 Jun 13 j 08:38	0°♊	
	-3758 Jul 01 j 07:00	0°♋	
desc. node	-3758 Jul 06 j 07:27	7°♋03'51	
evening max el	-3758 Jul 17 j 19:13	20°♋34'23	26°44'25
retrograde	-3758 Jul 30 j 19:23	27°♋52'48	
evening set	-3758 Aug 06 j 12:26	25°♋05'35	
min. Earth dist.	-3758 Aug 10 j 11:22	21°♋00'36	0.65732 AU
inferior conj	-3758 Aug 12 j 04:52	18°♋56'56	-2°43'41
minimum elong	-3758 Aug 12 j 08:24	18°♋46'26	2°42'24
morning rise	-3758 Aug 18 j 04:43	13°♋14'00	
asc. node	-3758 Aug 20 j 23:51	12°♋24'45	
direct	-3758 Aug 21 j 04:03	12°♋24'35	
morning max el	-3758 Aug 27 j 20:16	16°♋06'01	18°32'41
	-3758 Sep 07 j 00:10	0°♌	
morning set	-3758 Sep 16 j 21:00	15°♌52'23	
	-3758 Sep 25 j 16:04	0°♍	
superior conj	-3758 Oct 02 j 06:56	10°♍29'10	0°00'01
minimum elong	-3758 Oct 02 j 06:57	10°♍29'12	0°00'04
behind sun begin	-3758 Oct 01 j 19:56	9°♍45'45	
behind sun end	-3758 Oct 02 j 17:57	11°♍12'38	
desc. node	-3758 Oct 02 j 07:00	10°♍29'27	
max. Earth dist.	-3758 Oct 03 j 12:18	12°♍24'53	1.44836 AU
	-3758 Oct 14 j 16:20	0°♎	
evening rise	-3758 Oct 18 j 14:10	6°♎10'40	
greatest brilliancy	-3758 Oct 27 j 14:18	20°♎23'35	-0.8m
	-3758 Nov 02 j 21:39	0°♏	
evening max el	-3758 Nov 10 j 04:27	9°♏22'50	19°10'43
asc. node	-3758 Nov 16 j 22:45	13°♏24'12	
retrograde	-3758 Nov 17 j 05:01	13°♏24'36	
evening set	-3758 Nov 20 j 11:05	12°♏23'09	
inferior conj	-3758 Nov 26 j 03:27	6°♏32'30	2°48'10
minimum elong	-3758 Nov 26 j 00:22	6°♏42'16	2°47'09
min. Earth dist.	-3758 Nov 27 j 12:49	4°♏47'04	0.65737 AU
morning rise	-3758 Dec 01 j 13:21	0°♏22'08	
	-3758 Dec 01 j 23:44	30°℞♎	
direct	-3758 Dec 07 j 22:46	27°♎35'20	
	-3758 Dec 14 j 16:27	0°♏	
morning max el	-3758 Dec 20 j 16:14	5°♏02'48	26°22'31
desc. node	-3758 Dec 29 j 06:42	15°♏00'14	
	-3757 Jan 08 j 21:26	0°♐	
morning set	-3757 Jan 25 j 18:33	28°♐39'38	
	-3757 Jan 26 j 11:37	0°♑	
max. Earth dist.	-3757 Jan 29 j 21:52	6°♑36'41	1.35161 AU
superior conj	-3757 Feb 03 j 14:04	16°♑00'17	-1°24'17
minimum elong	-3757 Feb 03 j 17:13	16°♑16'29	1°24'01
	-3757 Feb 10 j 08:01	0°♒	
evening rise	-3757 Feb 11 j 06:25	1°♒55'34	
asc. node	-3757 Feb 12 j 21:56	5°♒17'17	
	-3757 Feb 27 j 22:19	0°♓	
evening max el	-3757 Mar 02 j 03:45	2°♓19'13	20°41'48
retrograde	-3757 Mar 13 j 06:18	7°♓36'40	
evening set	-3757 Mar 15 j 14:09	7°♓23'39	
inferior conj	-3757 Mar 24 j 16:13	3°♓25'49	0°42'27
minimum elong	-3757 Mar 24 j 18:07	3°♓23'03	0°41'43
min. Earth dist.	-3757 Mar 25 j 21:48	2°♓43'03	0.55296 AU
desc. node	-3757 Mar 27 j 05:40	1°♓57'59	
	-3757 Mar 31 j 06:56	30°℞♒	
morning rise	-3757 Apr 02 j 20:56	29°♒10'34	
direct	-3757 Apr 06 j 04:55	28°♒46'24	
	-3757 Apr 11 j 22:04	0°♓	
morning max el	-3757 Apr 19 j 11:26	5°♓14'01	22°58'02
	-3757 May 06 j 14:43	0°♈	
asc. node	-3757 May 11 j 21:33	10°♈34'06	
morning set	-3757 May 12 j 03:39	11°♈05'53	
superior conj	-3757 May 19 j 07:41	26°♈21'07	1°10'17
minimum elong	-3757 May 19 j 05:07	26°♈07'30	1°09'57
	-3757 May 21 j 01:02	0°♉	
max. Earth dist.	-3757 May 21 j 21:25	1°♉46'57	1.33993 AU
evening rise	-3757 May 27 j 00:52	12°♉15'29	
	-3757 Jun 05 j 15:16	0°♊	
desc. node	-3757 Jun 23 j 04:28	26°♊02'38	
	-3757 Jun 26 j 13:17	0°♋	
evening max el	-3757 Jun 30 j 06:23	3°♋51'48	27°18'31
retrograde	-3757 Jul 13 j 18:16	11°♋15'40	
evening set	-3757 Jul 20 j 19:59	8°♋29'41	
min. Earth dist.	-3757 Jul 24 j 12:39	5°♋00'58	0.64442 AU
inferior conj	-3757 Jul 26 j 19:55	2°♋30'21	-3°26'52
minimum elong	-3757 Jul 26 j 23:45	2°♋19'51	3°25'47
	-3757 Jul 29 j 05:23	30°℞♊	
morning rise	-3757 Aug 02 j 04:12	27°♊03'03	
direct	-3757 Aug 04 j 22:04	26°♊23'53	
asc. node	-3757 Aug 07 j 20:57	27°♊09'02	
morning max el	-3757 Aug 11 j 10:26	29°♊52'29	18°05'20
	-3757 Aug 11 j 13:24	0°♋	
morning set	-3757 Aug 29 j 05:23	27°♋00'21	
	-3757 Aug 30 j 23:54	0°♌	
superior conj	-3757 Sep 11 j 15:51	19°♌16'29	0°46'41
minimum elong	-3757 Sep 11 j 20:51	19°♌36'40	0°46'10
max. Earth dist.	-3757 Sep 16 j 05:28	26°♌35'22	1.44374 AU
	-3757 Sep 18 j 09:09	0°♍	
desc. node	-3757 Sep 19 j 03:56	1°♍14'01	
evening rise	-3757 Sep 28 j 03:24	15°♍14'12	
	-3757 Oct 07 j 18:28	0°♎	
greatest brilliancy	-3757 Oct 11 j 19:32	6°♎04'27	-0.6m
evening max el	-3757 Oct 24 j 09:51	22°♎49'10	20°04'42
retrograde	-3757 Nov 01 j 02:06	27°♎19'04	
asc. node	-3757 Nov 03 j 19:52	26°♎35'30	
evening set	-3757 Nov 04 j 16:42	26°♎03'16	
inferior conj	-3757 Nov 10 j 04:30	20°♎00'34	2°03'39
minimum elong	-3757 Nov 10 j 01:57	20°♎09'06	2°02'40
min. Earth dist.	-3757 Nov 11 j 01:15	18°♎51'29	0.66624 AU
morning rise	-3757 Nov 15 j 10:57	13°♎46'27	
direct	-3757 Nov 21 j 06:15	11°♎13'48	
morning max el	-3757 Dec 03 j 00:59	18°♎13'57	25°08'02
	-3757 Dec 12 j 23:46	0°♏	
desc. node	-3757 Dec 16 j 03:41	4°♏17'01	
	-3756 Jan 01 j 22:30	0°♐	
morning set	-3756 Jan 08 j 05:46	10°♐54'48	
max. Earth dist.	-3756 Jan 11 j 23:07	17°♐42'29	1.36864 AU
superior conj	-3756 Jan 18 j 03:50	29°♐35'26	-1°41'59
minimum elong	-3756 Jan 18 j 06:46	29°♐49'53	1°41'52
	-3756 Jan 18 j 08:49	0°♑	
evening rise	-3756 Jan 26 j 09:48	16°♑09'13	
asc. node	-3756 Jan 30 j 18:57	24°♑46'21	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3756 Feb 02 j 15:04	0°♒	
evening max el	-3756 Feb 12 j 17:14	14°♒05'08	19°33'51
retrograde	-3756 Feb 22 j 03:19	18°♒33'32	
evening set	-3756 Feb 24 j 10:58	18°♒18'32	
inferior conj	-3756 Mar 03 j 21:25	14°♒13'38	2°23'29
minimum elong	-3756 Mar 04 j 02:19	14°♒05'45	2°22'00
min. Earth dist.	-3756 Mar 06 j 12:29	12°♒32'46	0.56254 AU
morning rise	-3756 Mar 12 j 15:05	9°♒29'33	
desc. node	-3756 Mar 13 j 02:47	9°♒20'23	
direct	-3756 Mar 17 j 02:15	8°♒44'28	
morning max el	-3756 Mar 31 j 02:55	15°♒50'13	24°37'02
	-3756 Apr 11 j 10:33	0°♓	
morning set	-3756 Apr 25 j 15:49	26°♓07'50	
	-3756 Apr 27 j 11:37	0°♈	
asc. node	-3756 Apr 27 j 18:32	0°♈37'00	
superior conj	-3756 May 02 j 16:33	11°♈15'34	0°49'14
minimum elong	-3756 May 02 j 14:33	11°♈04'43	0°48'53
max. Earth dist.	-3756 May 04 j 03:45	14°♈25'38	1.33172 AU
evening rise	-3756 May 09 j 23:54	26°♈41'07	
	-3756 May 11 j 15:29	0°♉	
	-3756 May 29 j 00:20	0°♊	
desc. node	-3756 Jun 09 j 01:33	14°♊07'23	
evening max el	-3756 Jun 11 j 15:43	16°♊45'14	27°23'25
retrograde	-3756 Jun 25 j 11:00	24°♊08'28	
evening set	-3756 Jul 02 j 14:21	21°♊37'13	
min. Earth dist.	-3756 Jul 06 j 04:22	18°♊37'44	0.62782 AU
inferior conj	-3756 Jul 09 j 01:02	15°♊50'13	-4°00'36
minimum elong	-3756 Jul 09 j 04:14	15°♊42'22	3°59'58
morning rise	-3756 Jul 15 j 19:14	10°♊41'32	
direct	-3756 Jul 18 j 09:48	10°♊09'59	
asc. node	-3756 Jul 24 j 18:00	13°♊16'39	
morning max el	-3756 Jul 25 j 01:17	13°♊34'14	17°56'04
	-3756 Aug 05 j 07:07	0°♋	
morning set	-3756 Aug 10 j 13:02	9°♋15'20	
superior conj	-3756 Aug 22 j 01:52	29°♋19'01	1°21'22
minimum elong	-3756 Aug 22 j 07:19	29°♋42'01	1°20'58
	-3756 Aug 22 j 11:36	0°♌	
max. Earth dist.	-3756 Aug 28 j 19:33	10°♌27'24	1.43257 AU
desc. node	-3756 Sep 05 j 00:53	21°♌57'11	
evening rise	-3756 Sep 06 j 07:39	23°♌57'10	
	-3756 Sep 10 j 05:43	0°♍	
	-3756 Oct 01 j 00:40	0°♎	
evening max el	-3756 Oct 06 j 09:25	6°♎15'31	21°11'45
retrograde	-3756 Oct 14 j 22:55	11°♎19'51	
evening set	-3756 Oct 19 j 00:20	9°♎47'04	
asc. node	-3756 Oct 20 j 16:58	8°♎13'45	
inferior conj	-3756 Oct 24 j 09:13	3°♎35'33	1°14'15
minimum elong	-3756 Oct 24 j 07:34	3°♎41'13	1°13'35
min. Earth dist.	-3756 Oct 24 j 18:41	3°♎03'07	0.67185 AU
	-3756 Oct 27 j 02:21	30°℞♍	
morning rise	-3756 Oct 29 j 14:37	27°♍20'21	
direct	-3756 Nov 03 j 18:41	25°♍07'34	
	-3756 Nov 12 j 21:24	0°♎	
morning max el	-3756 Nov 14 j 09:47	1°♎28'16	23°43'08
desc. node	-3756 Dec 02 j 00:40	24°♎04'28	
	-3756 Dec 06 j 00:36	0°♏	
morning set	-3756 Dec 19 j 17:21	21°♏56'04	
max. Earth dist.	-3756 Dec 23 j 18:49	28°♏57'44	1.38879 AU
	-3756 Dec 24 j 08:55	0°♐	
superior conj	-3756 Dec 31 j 04:31	12°♐27'11	-1°53'04
minimum elong	-3756 Dec 31 j 06:03	12°♐34'23	1°53'10
evening rise	-3755 Jan 09 j 05:57	29°♐55'34	
	-3755 Jan 09 j 06:52	0°♑	
asc. node	-3755 Jan 16 j 16:00	13°♑49'36	
evening max el	-3755 Jan 25 j 16:25	26°♑24'41	18°45'11
	-3755 Jan 31 j 11:35	0°♒	
retrograde	-3755 Feb 02 j 17:22	0°♒17'51	
evening set	-3755 Feb 05 j 04:15	29°♑57'33	
	-3755 Feb 05 j 00:31	30°℞♑	
inferior conj	-3755 Feb 12 j 21:16	25°♑34'54	3°29'08
minimum elong	-3755 Feb 13 j 01:15	25°♑27'27	3°28'17
min. Earth dist.	-3755 Feb 16 j 04:40	23°♑08'11	0.57888 AU
morning rise	-3755 Feb 20 j 19:47	20°♑22'25	
direct	-3755 Feb 26 j 12:17	19°♑03'14	
desc. node	-3755 Feb 27 j 23:53	19°♑08'38	
morning max el	-3755 Mar 12 j 18:28	26°♑30'04	26°06'06
	-3755 Mar 16 j 02:24	0°♒	
	-3755 Apr 04 j 14:37	0°♓	
morning set	-3755 Apr 10 j 03:29	11°♓08'22	
asc. node	-3755 Apr 14 j 15:30	20°♓47'18	
superior conj	-3755 Apr 17 j 03:43	26°♓16'10	0°25'58
minimum elong	-3755 Apr 17 j 02:35	26°♓10'01	0°25'42
max. Earth dist.	-3755 Apr 17 j 15:36	27°♓21'05	1.32697 AU
	-3755 Apr 18 j 20:44	0°♈	
evening rise	-3755 Apr 24 j 05:17	11°♈25'28	
	-3755 May 03 j 21:01	0°♉	
evening max el	-3755 May 24 j 20:33	29°♉02'05	26°55'33
	-3755 May 25 j 21:29	0°♊	
desc. node	-3755 May 26 j 22:39	0°♊55'03	
retrograde	-3755 Jun 07 j 20:21	6°♊22'17	
evening set	-3755 Jun 14 j 15:22	4°♊19'17	
min. Earth dist.	-3755 Jun 18 j 10:04	1°♊36'19	0.60841 AU
	-3755 Jun 20 j 07:32	30°℞♉	
inferior conj	-3755 Jun 21 j 16:51	28°♉47'50	-4°19'12
minimum elong	-3755 Jun 21 j 18:02	28°♉45'17	4°19'01
morning rise	-3755 Jun 28 j 22:27	24°♉00'19	
direct	-3755 Jul 01 j 11:25	23°♉34'34	
morning max el	-3755 Jul 08 j 14:02	27°♉04'07	18°05'43
	-3755 Jul 11 j 05:09	0°♊	
asc. node	-3755 Jul 11 j 15:03	0°♊31'35	
morning set	-3755 Jul 24 j 14:12	22°♊21'18	
	-3755 Jul 28 j 17:13	0°♋	
superior conj	-3755 Aug 03 j 15:08	10°♋42'35	1°41'32
minimum elong	-3755 Aug 03 j 18:17	10°♋56'37	1°41'30
max. Earth dist.	-3755 Aug 11 j 04:30	23°♋44'49	1.41627 AU
	-3755 Aug 14 j 23:20	0°♌	
evening rise	-3755 Aug 16 j 22:36	3°♌11'08	
desc. node	-3755 Aug 22 j 21:52	12°♌35'04	
	-3755 Sep 03 j 15:19	0°♍	
evening max el	-3755 Sep 19 j 02:56	19°♍41'11	22°28'16
retrograde	-3755 Sep 28 j 17:52	25°♍23'58	
evening set	-3755 Oct 03 j 08:10	23°♍32'10	
asc. node	-3755 Oct 07 j 14:05	18°♍42'59	
inferior conj	-3755 Oct 08 j 15:40	17°♍15'09	0°21'55
minimum elong	-3755 Oct 08 j 15:10	17°♍16'55	0°21'44
min. Earth dist.	-3755 Oct 08 j 14:40	17°♍18'38	0.67432 AU
morning rise	-3755 Oct 13 j 22:03	11°♍01'35	
direct	-3755 Oct 18 j 11:15	9°♍10'37	
morning max el	-3755 Oct 27 j 21:42	14°♍47'01	22°17'08
	-3755 Nov 09 j 02:43	0°♎	
desc. node	-3755 Nov 18 j 21:39	14°♎13'28	
	-3755 Nov 29 j 01:16	0°♏	
morning set	-3755 Nov 30 j 00:30	1°♏33'35	
max. Earth dist.	-3755 Dec 05 j 17:06	10°♏56'39	1.40944 AU
superior conj	-3755 Dec 13 j 11:03	24°♏22'21	-1°54'19
minimum elong	-3755 Dec 13 j 09:42	24°♏16'19	1°54'25
	-3755 Dec 16 j 13:56	0°♐	
evening rise	-3755 Dec 23 j 15:49	13°♐07'26	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3754 Jan 02 j 01:45	0°♉	
asc. node	-3754 Jan 03 j 13:04	2°♉18'44	
evening max el	-3754 Jan 08 j 22:53	9°♉11'00	18°16'37
retrograde	-3754 Jan 16 j 01:58	12°♉44'46	
evening set	-3754 Jan 18 j 15:56	12°♉17'45	
inferior conj	-3754 Jan 25 j 17:33	7°♉33'46	3°58'42
minimum elong	-3754 Jan 25 j 18:50	7°♉31'00	3°58'30
min. Earth dist.	-3754 Jan 29 j 01:23	4°♉41'59	0.59854 AU
morning rise	-3754 Feb 01 j 19:56	1°♉59'35	
direct	-3754 Feb 08 j 10:07	0°♉01'32	
desc. node	-3754 Feb 14 j 20:59	1°♉45'53	
morning max el	-3754 Feb 22 j 15:16	7°♉39'44	27°10'41
	-3754 Mar 11 j 12:54	0°♒	
morning set	-3754 Mar 25 j 12:55	26°♒01'17	
	-3754 Mar 27 j 10:22	0°♓	
max. Earth dist.	-3754 Apr 01 j 05:10	10°♓20'38	1.32551 AU
superior conj	-3754 Apr 01 j 15:28	11°♓17'01	0°01'18
minimum elong	-3754 Apr 01 j 15:25	11°♓16'42	0°01'13
behind sun begin	-3754 Apr 01 j 10:25	10°♓49'22	
behind sun end	-3754 Apr 01 j 20:24	11°♓44'02	
asc. node	-3754 Apr 01 j 12:31	11°♓00'51	
evening rise	-3754 Apr 08 j 14:40	26°♓20'19	
	-3754 Apr 10 j 09:01	0°♈	
	-3754 Apr 27 j 18:23	0°♉	
evening max el	-3754 May 06 j 19:03	10°♉36'24	25°56'24
desc. node	-3754 May 13 j 19:45	15°♉55'03	
retrograde	-3754 May 20 j 21:02	17°♉51'57	
evening set	-3754 May 26 j 19:29	16°♉26'22	
min. Earth dist.	-3754 May 31 j 07:31	13°♉43'02	0.58797 AU
inferior conj	-3754 Jun 03 j 15:45	11°♉14'23	-4°14'17
minimum elong	-3754 Jun 03 j 13:35	11°♉18'26	4°14'01
morning rise	-3754 Jun 11 j 10:17	6°♉48'53	
direct	-3754 Jun 13 j 22:28	6°♉27'57	
morning max el	-3754 Jun 21 j 21:55	10°♉14'51	18°35'07
asc. node	-3754 Jun 28 j 12:06	18°♉39'43	
	-3754 Jul 04 j 23:29	0°♊	
morning set	-3754 Jul 08 j 04:13	6°♊06'37	
superior conj	-3754 Jul 17 j 03:03	23°♊15'15	1°48'55
minimum elong	-3754 Jul 17 j 03:35	23°♊17'44	1°49'03
	-3754 Jul 20 j 19:04	0°♋	
max. Earth dist.	-3754 Jul 24 j 08:01	6°♋18'11	1.39714 AU
evening rise	-3754 Jul 28 j 13:31	13°♋33'59	
	-3754 Aug 07 j 18:38	0°♌	
desc. node	-3754 Aug 09 j 18:53	3°♌03'48	
	-3754 Aug 29 j 17:08	0°♍	
evening max el	-3754 Sep 01 j 15:48	3°♍08'06	23°48'54
retrograde	-3754 Sep 12 j 09:50	9°♍28'41	
evening set	-3754 Sep 17 j 14:27	7°♍17'18	
inferior conj	-3754 Sep 22 j 22:09	0°♍58'11	-0°31'40
minimum elong	-3754 Sep 22 j 22:54	0°♍55'39	0°31'16
min. Earth dist.	-3754 Sep 22 j 10:52	1°♍36'37	0.67375 AU
	-3754 Sep 23 j 15:18	30°℞♌	
asc. node	-3754 Sep 24 j 11:12	28°♌54'03	
morning rise	-3754 Sep 28 j 07:18	24°♌49'05	
direct	-3754 Oct 02 j 07:06	23°♌19'00	
morning max el	-3754 Oct 10 j 15:40	28°♌13'38	20°57'32
	-3754 Oct 12 j 07:20	0°♍	
	-3754 Nov 02 j 18:01	0°♎	
desc. node	-3754 Nov 05 j 18:38	4°♎37'50	
morning set	-3754 Nov 09 j 06:31	10°♎03'00	
max. Earth dist.	-3754 Nov 17 j 22:02	23°♎48'56	1.42766 AU
	-3754 Nov 21 j 16:22	0°♏	
superior conj	-3754 Nov 24 j 17:47	5°♏07'34	-1°41'52
minimum elong	-3754 Nov 24 j 12:39	4°♏45'51	1°41'36
evening rise	-3754 Dec 06 j 11:40	25°♏37'12	
	-3754 Dec 08 j 22:34	0°♐	
asc. node	-3754 Dec 21 j 10:09	20°♐03'30	
evening max el	-3754 Dec 23 j 09:52	22°♐16'39	18°07'53
retrograde	-3754 Dec 30 j 01:36	25°♐44'34	
evening set	-3753 Jan 01 j 18:35	25°♐09'55	
inferior conj	-3753 Jan 08 j 07:45	20°♐04'43	4°00'13
minimum elong	-3753 Jan 08 j 06:34	20°♐07'39	4°00'01
min. Earth dist.	-3753 Jan 11 j 05:57	17°♐11'26	0.61844 AU
morning rise	-3753 Jan 14 j 17:26	14°♐15'40	
direct	-3753 Jan 21 j 17:59	11°♐45'24	
desc. node	-3753 Feb 01 j 18:05	16°♐45'47	
morning max el	-3753 Feb 04 j 18:22	19°♐29'44	27°41'04
	-3753 Feb 13 j 18:25	0°♑	
	-3753 Mar 04 j 08:12	0°♒	
morning set	-3753 Mar 09 j 18:01	10°♒38'21	
max. Earth dist.	-3753 Mar 15 j 16:22	23°♒08'30	1.32757 AU
superior conj	-3753 Mar 17 j 02:06	26°♒11'16	-0°23'57
minimum elong	-3753 Mar 17 j 03:11	26°♒17'08	0°23'49
	-3753 Mar 18 j 20:08	0°♓	
asc. node	-3753 Mar 19 j 09:31	1°♓12'49	
evening rise	-3753 Mar 24 j 01:59	11°♓17'27	
	-3753 Apr 02 j 17:08	0°♈	
evening max el	-3753 Apr 18 j 12:01	21°♈33'32	24°33'29
desc. node	-3753 Apr 30 j 16:52	28°♈29'24	
retrograde	-3753 May 02 j 10:56	28°♈36'31	
evening set	-3753 May 07 j 02:32	27°♈47'34	
min. Earth dist.	-3753 May 13 j 00:00	24°♈48'13	0.56941 AU
inferior conj	-3753 May 15 j 18:48	23°♈00'25	-3°35'26
minimum elong	-3753 May 15 j 13:24	23°♈09'13	3°34'19
morning rise	-3753 May 24 j 03:25	18°♈53'43	
direct	-3753 May 26 j 14:57	18°♈36'39	
morning max el	-3753 Jun 04 j 21:59	22°♈55'48	19°24'56
	-3753 Jun 10 j 18:54	0°♉	
asc. node	-3753 Jun 15 j 09:08	7°♉27'51	
morning set	-3753 Jun 22 j 03:22	20°♉21'03	
	-3753 Jun 26 j 22:59	0°♊	
superior conj	-3753 Jun 30 j 07:47	6°♊39'45	1°46'21
minimum elong	-3753 Jun 30 j 06:24	6°♊32'59	1°46'26
max. Earth dist.	-3753 Jul 06 j 09:43	18°♊14'16	1.37777 AU
evening rise	-3753 Jul 10 j 06:12	25°♊12'35	
	-3753 Jul 13 j 00:04	0°♋	
desc. node	-3753 Jul 27 j 15:54	23°♋17'55	
	-3753 Aug 01 j 09:02	0°♌	
evening max el	-3753 Aug 15 j 02:37	16°♌38'02	25°06'50
retrograde	-3753 Aug 26 j 21:45	23°♌29'31	
evening set	-3753 Sep 01 j 17:19	21°♌00'15	
min. Earth dist.	-3753 Sep 06 j 04:51	15°♌55'07	0.67004 AU
inferior conj	-3753 Sep 07 j 02:53	14°♌42'35	-1°24'53
minimum elong	-3753 Sep 07 j 04:52	14°♌36'03	1°23'58
asc. node	-3753 Sep 11 j 08:20	9°♌45'23	
morning rise	-3753 Sep 12 j 16:29	8°♌40'56	
direct	-3753 Sep 16 j 04:58	7°♌29'09	
morning max el	-3753 Sep 23 j 16:50	11°♌48'45	19°49'28
	-3753 Oct 07 j 06:14	0°♍	
morning set	-3753 Oct 19 j 05:03	18°♍18'02	
desc. node	-3753 Oct 23 j 15:36	25°♍12'36	
	-3753 Oct 26 j 16:57	0°♎	
max. Earth dist.	-3753 Oct 31 j 09:42	7°♎25'44	1.44098 AU
superior conj	-3753 Nov 04 j 21:06	14°♎36'09	-1°12'47
minimum elong	-3753 Nov 04 j 14:02	14°♎07'37	1°12'03
	-3753 Nov 14 j 05:41	0°♏	
evening rise	-3753 Nov 18 j 12:55	7°♏15'28	
	-3753 Dec 02 j 10:42	0°♐	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3753 Dec 06 j 22:36	5°♐34'56	18°18'16	
asc. node	-3753 Dec 08 j 07:14	6°♐51'03		
retrograde	-3753 Dec 13 j 11:46	9°♐08'17		
evening set	-3753 Dec 16 j 08:39	8°♐24'39		
inferior conj	-3753 Dec 22 j 12:00	2°♐59'54	3°42'06	
minimum elong	-3753 Dec 22 j 09:22	3°♐07'14	3°41'32	
min. Earth dist.	-3753 Dec 24 j 20:09	0°♐24'32	0.63627 AU	
	-3753 Dec 25 j 05:19	30°℞♏		
morning rise	-3753 Dec 28 j 09:27	27°♏00'34		
direct	-3752 Jan 04 j 09:52	24°♏12'18		
	-3752 Jan 16 j 00:15	0°♐		
morning max el	-3752 Jan 18 j 01:58	1°♐56'51	27°35'07	
desc. node	-3752 Jan 19 j 15:09	3°♐31'55		
	-3752 Feb 07 j 23:10	0°♑		
morning set	-3752 Feb 21 j 16:21	24°♑51'20		
	-3752 Feb 24 j 05:28	0°♒		
max. Earth dist.	-3752 Feb 26 j 21:23	5°♒32'03	1.33355 AU	
superior conj	-3752 Feb 29 j 09:55	10°♒53'16	-0°48'48	
minimum elong	-3752 Feb 29 j 12:03	11°♒04'43	0°48'30	
asc. node	-3752 Mar 05 j 06:32	21°♒19'16		
evening rise	-3752 Mar 07 j 13:31	26°♒10'55		
	-3752 Mar 09 j 09:37	0°♓		
	-3752 Mar 27 j 23:22	0°♈		
evening max el	-3752 Mar 30 j 04:14	2°♈15'38	22°59'37	
retrograde	-3752 Apr 12 j 11:52	8°♈48'55		
evening set	-3752 Apr 15 j 20:12	8°♈24'24		
desc. node	-3752 Apr 16 j 13:59	8°♈12'40		
min. Earth dist.	-3752 Apr 23 j 14:29	4°♈57'38	0.55632 AU	
inferior conj	-3752 Apr 25 j 02:42	4°♈05'01	-2°15'58	
minimum elong	-3752 Apr 24 j 21:14	4°♈13'00	2°14'19	
morning rise	-3752 May 04 j 00:33	0°♈07'42		
	-3752 May 04 j 18:34	30°℞♓		
direct	-3752 May 06 j 13:33	29°♓52'15		
	-3752 May 08 j 07:50	0°♈		
morning max el	-3752 May 17 j 11:48	4°♈57'55	20°34'53	
asc. node	-3752 Jun 01 j 06:09	26°♈46'08		
	-3752 Jun 02 j 21:50	0°♉		
morning set	-3752 Jun 05 j 08:50	4°♉57'11		
superior conj	-3752 Jun 13 j 00:32	20°♉42'12	1°36'23	
minimum elong	-3752 Jun 12 j 22:08	20°♉29'56	1°36'17	
max. Earth dist.	-3752 Jun 17 j 16:26	0°♊00'16	1.36040 AU	
	-3752 Jun 17 j 16:23	0°♊		
evening rise	-3752 Jun 21 j 20:25	7°♊56'20		
	-3752 Jul 04 j 16:41	0°♋		
desc. node	-3752 Jul 13 j 12:55	13°♋10'37		
	-3752 Jul 27 j 09:35	0°♌		
evening max el	-3752 Jul 27 j 13:38	0°♌09'53	26°14'00	
retrograde	-3752 Aug 09 j 04:55	7°♌21'08		
evening set	-3752 Aug 15 j 14:43	4°♌38'34		
	-3752 Aug 19 j 21:45	30°℞♋		
min. Earth dist.	-3752 Aug 19 j 18:06	0°♌11'14	0.66301 AU	
inferior conj	-3752 Aug 21 j 04:02	28°♋25'46	-2°16'00	
minimum elong	-3752 Aug 21 j 07:05	28°♋16'15	2°14'47	
morning rise	-3752 Aug 26 j 23:40	22°♋34'50		
asc. node	-3752 Aug 28 j 05:26	21°♋58'54		
direct	-3752 Aug 30 j 03:10	21°♋38'05		
morning max el	-3752 Sep 06 j 00:35	25°♋30'57	18°56'00	
	-3752 Sep 09 j 19:51	0°♌		
morning set	-3752 Sep 27 j 19:07	27°♌23'01		
	-3752 Sep 29 j 10:47	0°♍		
desc. node	-3752 Oct 09 j 12:31	15°♍53'32		
max. Earth dist.	-3752 Oct 13 j 02:21	21°♍31'37	1.44781 AU	
superior conj	-3752 Oct 14 j 01:51	23°♍04'13	-0°28'41	
minimum elong	-3752 Oct 13 j 22:08	22°♍49'35	0°28'11	
	-3752 Oct 18 j 11:02	0°♎		
evening rise	-3752 Oct 29 j 14:58	17°♎52'35		
	-3752 Nov 06 j 02:49	0°♏		
evening max el	-3752 Nov 19 j 10:18	18°♏59'13	18°46'43	
asc. node	-3752 Nov 24 j 04:21	22°♏25'25		
retrograde	-3752 Nov 26 j 04:34	22°♏47'43		
evening set	-3752 Nov 29 j 06:49	21°♏53'18		
inferior conj	-3752 Dec 05 j 02:37	16°♏11'19	3°10'35	
minimum elong	-3752 Dec 04 j 23:29	16°♏20'51	3°09'41	
min. Earth dist.	-3752 Dec 06 j 19:58	14°♏06'02	0.65080 AU	
morning rise	-3752 Dec 10 j 15:48	10°♏04'31		
direct	-3752 Dec 17 j 08:17	7°♏13'35		
morning max el	-3752 Dec 30 j 11:25	14°♏49'47	26°56'33	
desc. node	-3751 Jan 05 j 12:11	21°♏32'53		
	-3751 Jan 11 j 23:06	0°♐		
	-3751 Jan 30 j 15:41	0°♑		
morning set	-3751 Feb 04 j 04:39	8°♑29'07		
max. Earth dist.	-3751 Feb 08 j 16:37	17°♑21'40	1.34380 AU	
superior conj	-3751 Feb 12 j 12:50	25°♑15'38	-1°12'08	
minimum elong	-3751 Feb 12 j 15:46	25°♑30'55	1°11'48	
	-3751 Feb 14 j 19:02	0°♒		
evening rise	-3751 Feb 19 j 23:26	10°♒53'58		
asc. node	-3751 Feb 20 j 03:32	11°♒15'20		
	-3751 Mar 02 j 00:57	0°♓		
evening max el	-3751 Mar 12 j 01:49	13°♓09'20	21°28'34	
retrograde	-3751 Mar 24 j 02:28	18°♓56'14		
evening set	-3751 Mar 26 j 15:16	18°♓41'41		
desc. node	-3751 Apr 03 j 11:05	15°♓30'58		
inferior conj	-3751 Apr 04 j 22:50	14°♓41'03	-0°24'51	
minimum elong	-3751 Apr 04 j 21:40	14°♓42'42	0°24'29	
min. Earth dist.	-3751 Apr 05 j 04:21	14°♓33'18	0.55152 AU	
morning rise	-3751 Apr 14 j 04:16	10°♓37'49		
direct	-3751 Apr 17 j 02:08	10°♓19'11		
morning max el	-3751 Apr 29 j 14:37	16°♓17'42	22°02'26	
	-3751 May 10 j 05:43	0°♈		
asc. node	-3751 May 19 j 03:09	16°♈26'49		
morning set	-3751 May 20 j 18:23	19°♈48'33		
	-3751 May 25 j 14:32	0°♉		
superior conj	-3751 May 28 j 01:39	5°♉11'47	1°21'00	
minimum elong	-3751 May 27 j 22:59	4°♉57'44	1°20'43	
max. Earth dist.	-3751 May 31 j 08:40	12°♉01'29	1.34632 AU	
evening rise	-3751 Jun 05 j 02:49	21°♉30'11		
	-3751 Jun 09 j 15:16	0°♊		
	-3751 Jun 28 j 11:59	0°♋		
desc. node	-3751 Jun 30 j 09:56	2°♋32'46		
evening max el	-3751 Jul 10 j 01:10	13°♋36'18	27°02'16	
retrograde	-3751 Jul 23 j 06:43	20°♋57'09		
evening set	-3751 Jul 30 j 04:10	18°♋09'15		
min. Earth dist.	-3751 Aug 03 j 00:17	14°♋20'06	0.65230 AU	
inferior conj	-3751 Aug 04 j 23:28	12°♋04'28	-3°02'53	
minimum elong	-3751 Aug 05 j 03:13	11°♋53'40	3°01'39	
morning rise	-3751 Aug 11 j 02:41	6°♋27'37		
direct	-3751 Aug 13 j 23:32	5°♋42'45		
asc. node	-3751 Aug 15 j 02:30	5°♋49'36		
morning max el	-3751 Aug 20 j 13:08	9°♋17'28	18°18'56	
	-3751 Sep 03 j 18:43	0°♌		
morning set	-3751 Sep 08 j 12:11	7°♌47'46		
	-3751 Sep 22 j 04:59	0°♍		
superior conj	-3751 Sep 23 j 02:40	1°♍26'10	0°20'48	
minimum elong	-3751 Sep 23 j 05:16	1°♍36'30	0°20'32	
max. Earth dist.	-3751 Sep 25 j 20:54	5°♍48'23	1.44735 AU	
desc. node	-3751 Sep 26 j 09:28	6°♍37'57		
evening rise	-3751 Oct 09 j 16:23	27°♍27'32		
	-3751 Oct 11 j 07:27	0°♎		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

greatest brilliancy	-3751 Oct	21 j 00:12	15°♎01'44	-0.7m		-3750 Sep	14 j 22:38	0°♍		
	-3751 Oct	31 j 14:37	0°♏		evening rise	-3750 Sep	18 j 23:35	6°♍16'42		
evening max el	-3751 Nov	02 j 18:36	2°♏25'51	19°31'48		-3750 Oct	04 j 17:10	0°♎		
retrograde	-3751 Nov	10 j 00:52	6°♏38'17		evening max el	-3750 Oct	16 j 21:35	15°♎52'12	20°31'41	
asc. node	-3751 Nov	11 j 01:26	6°♏32'14		retrograde	-3750 Oct	24 j 22:14	20°♎36'16		
evening set	-3751 Nov	13 j 10:25	5°♏30'51		evening set	-3750 Oct	28 j 17:11	19°♎13'24		
	-3751 Nov	18 j 16:46	30°℞♎		asc. node	-3750 Oct	28 j 22:32	19°♎03'20		
inferior conj	-3751 Nov	19 j 00:38	29°♎34'35	2°29'57	inferior conj	-3750 Nov	03 j 03:32	13°♎06'14	1°43'09	
minimum elong	-3751 Nov	18 j 21:42	29°♎44'03	2°28'56	minimum elong	-3750 Nov	03 j 01:19	13°♎13'43	1°42'17	
min. Earth dist.	-3751 Nov	20 j 04:21	28°♎04'46	0.66168 AU	min. Earth dist.	-3750 Nov	03 j 19:15	12°♎13'05	0.66903 AU	
morning rise	-3751 Nov	24 j 08:47	23°♎22'32		morning rise	-3750 Nov	08 j 09:16	6°♎51'18		
direct	-3751 Nov	30 j 12:27	20°♎41'03		direct	-3750 Nov	13 j 21:59	4°♎26'58		
morning max el	-3751 Dec	12 j 20:47	27°♎57'35	25°52'39	morning max el	-3750 Nov	25 j 05:35	11°♎11'33	24°32'37	
	-3751 Dec	14 j 19:42	0°♏		desc. node	-3750 Dec	10 j 06:13	29°♎58'05		
desc. node	-3751 Dec	23 j 09:12	10°♏26'45			-3750 Dec	10 j 06:45	0°♏		
	-3750 Jan	05 j 16:28	0°♐			-3750 Dec	29 j 09:54	0°♐		
morning set	-3750 Jan	18 j 02:35	21°♐18'53		morning set	-3750 Dec	31 j 04:37	3°♐05'21		
max. Earth dist.	-3750 Jan	22 j 00:23	28°♐40'01	1.35849 AU	max. Earth dist.	-3749 Jan	03 j 22:47	9°♐47'27	1.37699 AU	
	-3750 Jan	22 j 16:58	0°♑							
					superior conj	-3749 Jan	10 j 17:06	22°♐29'08	-1°47'40	
superior conj	-3750 Jan	27 j 08:19	9°♑10'39	-1°32'26	minimum elong	-3749 Jan	10 j 19:36	22°♐41'16	1°47'39	
minimum elong	-3750 Jan	27 j 11:30	9°♑26'42	1°32'13		-3749 Jan	14 j 13:08	0°♑		
evening rise	-3750 Feb	04 j 05:50	25°♑20'32		evening rise	-3749 Jan	19 j 06:33	9°♑24'13		
	-3750 Feb	06 j 13:15	0°♒		asc. node	-3749 Jan	24 j 21:36	20°♑15'40		
asc. node	-3750 Feb	07 j 00:34	0°♒56'05			-3749 Jan	30 j 17:23	0°♒		
evening max el	-3750 Feb	22 j 09:02	24°♒33'44	20°10'30	evening max el	-3749 Feb	05 j 02:51	6°♒34'57	19°10'39	
retrograde	-3750 Mar	04 j 17:50	29°♒29'17		retrograde	-3749 Feb	13 j 21:51	10°♒46'57		
evening set	-3750 Mar	07 j 00:52	29°♒15'52		evening set	-3749 Feb	16 j 06:34	10°♒30'04		
inferior conj	-3750 Mar	15 j 20:50	25°♒16'23	1°29'01	inferior conj	-3749 Feb	24 j 09:30	6°♒18'17	2°56'03	
minimum elong	-3750 Mar	16 j 00:31	25°♒10'52	1°27'44	minimum elong	-3749 Feb	24 j 14:24	6°♒09'53	2°54'46	
min. Earth dist.	-3750 Mar	17 j 18:20	24°♒08'19	0.55605 AU	min. Earth dist.	-3749 Feb	27 j 09:35	4°♒15'48	0.56880 AU	
desc. node	-3750 Mar	21 j 08:13	22°♒11'43		morning rise	-3749 Mar	04 j 19:31	1°♒21'09		
morning rise	-3750 Mar	24 j 22:20	20°♒50'01		desc. node	-3749 Mar	08 j 05:21	0°♒29'01		
direct	-3750 Mar	28 j 16:51	20°♒18'52		direct	-3749 Mar	09 j 19:15	0°♒23'07		
morning max el	-3750 Apr	11 j 08:52	27°♒04'06	23°40'36	morning max el	-3749 Mar	23 j 23:57	7°♒40'02	25°17'09	
	-3750 Apr	14 j 04:56	0°♓			-3749 Apr	09 j 10:48	0°♓		
	-3750 May	02 j 22:10	0°♈		morning set	-3749 Apr	19 j 18:17	19°♓51'17		
morning set	-3750 May	05 j 06:06	4°♈48'31		asc. node	-3749 Apr	22 j 21:07	26°♓30'31		
asc. node	-3750 May	06 j 00:07	6°♈23'17			-3749 Apr	24 j 11:45	0°♈		
superior conj	-3750 May	12 j 08:20	19°♈59'20	1°01'41	superior conj	-3749 Apr	26 j 18:27	4°♈57'50	0°39'36	
minimum elong	-3750 May	12 j 05:58	19°♈46'37	1°01'19	minimum elong	-3749 Apr	26 j 16:47	4°♈48'48	0°39'16	
max. Earth dist.	-3750 May	14 j 10:29	24°♈26'56	1.33594 AU	max. Earth dist.	-3749 Apr	27 j 19:33	7°♈14'15	1.32922 AU	
	-3750 May	17 j 02:02	0°♉		evening rise	-3749 May	03 j 22:52	20°♈14'57		
evening rise	-3750 May	19 j 20:47	5°♉39'57			-3749 May	08 j 20:59	0°♉		
	-3750 Jun	02 j 06:22	0°♊			-3749 May	27 j 12:52	0°♊		
desc. node	-3750 Jun	17 j 07:00	21°♊10'48		desc. node	-3749 Jun	04 j 04:05	8°♊46'06		
evening max el	-3750 Jun	22 j 11:46	26°♊44'36	27°24'30	evening max el	-3749 Jun	04 j 19:14	9°♊22'54	27°15'34	
	-3750 Jun	26 j 05:56	0°♋		retrograde	-3749 Jun	18 j 16:48	16°♊45'51		
retrograde	-3750 Jul	06 j 02:53	4°♋08'24		evening set	-3749 Jun	25 j 18:04	14°♊24'39		
evening set	-3750 Jul	13 j 06:33	1°♋26'43		min. Earth dist.	-3749 Jun	29 j 08:41	11°♊34'20	0.61979 AU	
	-3750 Jul	15 j 00:25	30°℞♊		inferior conj	-3749 Jul	02 j 10:30	8°♊43'44	-4°10'49	
min. Earth dist.	-3750 Jul	16 j 21:23	28°♊11'59	0.63776 AU	minimum elong	-3749 Jul	02 j 13:01	8°♊37'51	4°10'23	
inferior conj	-3750 Jul	19 j 10:37	25°♊32'35	-3°42'38	morning rise	-3749 Jul	09 j 09:24	3°♊44'09		
minimum elong	-3750 Jul	19 j 14:21	25°♊22'53	3°41'43	direct	-3749 Jul	11 j 23:03	3°♊15'22		
morning rise	-3750 Jul	25 j 22:58	20°♊13'06		morning max el	-3749 Jul	18 j 18:18	6°♊40'34	17°57'52	
direct	-3750 Jul	28 j 15:17	19°♊37'21		asc. node	-3749 Jul	19 j 20:36	7°♊49'04		
asc. node	-3750 Aug	01 j 23:33	21°♊10'58			-3749 Aug	02 j 19:26	0°♋		
morning max el	-3750 Aug	04 j 03:56	23°♊02'41	17°59'16	morning set	-3749 Aug	03 j 22:48	2°♋03'50		
	-3750 Aug	09 j 15:16	0°♋							
morning set	-3750 Aug	21 j 07:08	19°♋26'10		superior conj	-3749 Aug	14 j 19:07	21°♋20'28	1°31'39	
	-3750 Aug	27 j 11:05	0°♌		minimum elong	-3749 Aug	14 j 23:46	21°♋40'30	1°31'24	
						-3749 Aug	19 j 21:50	0°♌		
superior conj	-3750 Sep	02 j 21:13	10°♌42'40	1°03'09	max. Earth dist.	-3749 Aug	22 j 01:04	3°♌31'44	1.42607 AU	
minimum elong	-3750 Sep	03 j 02:56	11°♌06'06	1°02'37	evening rise	-3749 Aug	29 j 05:55	15°♌05'41		
max. Earth dist.	-3750 Sep	08 j 13:29	19°♌54'39	1.43973 AU	desc. node	-3749 Aug	31 j 03:22	18°♌03'33		
desc. node	-3750 Sep	13 j 06:24	27°♌22'19			-3749 Sep	07 j 23:07	0°♍		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3749 Sep 29 j 18:24	29°♍17'43	21°43'26
	-3749 Sep 30 j 11:23	0°♎	
retrograde	-3749 Oct 08 j 18:35	4°♎38'50	
evening set	-3749 Oct 13 j 01:09	2°♎58'14	
asc. node	-3749 Oct 15 j 19:39	0°♎07'57	
	-3749 Oct 15 j 22:14	30°℞♍	
inferior conj	-3749 Oct 18 j 09:14	26°♍43'46	0°52'19
minimum elong	-3749 Oct 18 j 08:03	26°♍47'52	0°51'51
min. Earth dist.	-3749 Oct 18 j 14:11	26°♍26'41	0.67320 AU
morning rise	-3749 Oct 23 j 14:48	20°♍28'40	
direct	-3749 Oct 28 j 12:20	18°♍25'08	
morning max el	-3749 Nov 07 j 15:23	24°♍27'54	23°06'10
	-3749 Nov 12 j 13:38	0°♎	
desc. node	-3749 Nov 27 j 03:11	19°♎55'43	
	-3749 Dec 03 j 18:27	0°♏	
morning set	-3749 Dec 12 j 04:33	13°♏32'15	
max. Earth dist.	-3749 Dec 16 j 18:22	21°♏17'01	1.39764 AU
	-3749 Dec 21 j 17:04	0°♐	
superior conj	-3749 Dec 24 j 10:46	4°♐58'53	-1°55'02
minimum elong	-3749 Dec 24 j 11:16	5°♐01'08	1°55'10
evening rise	-3748 Jan 02 j 22:48	22°♐57'13	
	-3748 Jan 06 j 15:52	0°♑	
asc. node	-3748 Jan 11 j 18:41	9°♑06'02	
evening max el	-3748 Jan 19 j 05:32	19°♑07'35	18°30'36
retrograde	-3748 Jan 26 j 19:54	22°♑50'34	
evening set	-3748 Jan 29 j 08:04	22°♑27'39	
inferior conj	-3748 Feb 05 j 18:14	17°♑56'30	3°45'37
minimum elong	-3748 Feb 05 j 21:09	17°♑50'42	3°45'08
min. Earth dist.	-3748 Feb 09 j 03:39	15°♑15'52	0.58703 AU
morning rise	-3748 Feb 13 j 07:56	12°♑33'37	
direct	-3748 Feb 19 j 11:00	10°♑57'27	
desc. node	-3748 Feb 23 j 02:28	11°♑30'37	
morning max el	-3748 Mar 04 j 17:24	18°♑30'50	26°37'10
	-3748 Mar 14 j 09:00	0°♒	
	-3748 Mar 31 j 20:56	0°♓	
morning set	-3748 Apr 03 j 05:13	4°♓49'29	
asc. node	-3748 Apr 08 j 18:09	16°♓42'59	
superior conj	-3748 Apr 10 j 06:05	19°♓59'37	0°15'37
minimum elong	-3748 Apr 10 j 05:24	19°♓55'51	0°15'26
behind sun begin	-3748 Apr 10 j 04:23	19°♓50'20	
behind sun end	-3748 Apr 10 j 06:24	20°♓01'22	
max. Earth dist.	-3748 Apr 10 j 08:23	20°♓12'11	1.32593 AU
	-3748 Apr 14 j 20:35	0°♈	
evening rise	-3748 Apr 17 j 06:14	5°♈04'50	
	-3748 Apr 30 j 14:27	0°♉	
evening max el	-3748 May 16 j 21:27	21°♉21'41	26°33'56
desc. node	-3748 May 21 j 01:11	24°♉52'09	
retrograde	-3748 May 30 j 23:00	28°♉40'53	
evening set	-3748 Jun 06 j 10:31	26°♉53'20	
min. Earth dist.	-3748 Jun 10 j 10:48	24°♉12'00	0.59963 AU
inferior conj	-3748 Jun 13 j 19:31	21°♉29'12	-4°20'38
minimum elong	-3748 Jun 13 j 19:24	21°♉29'26	4°20'31
morning rise	-3748 Jun 21 j 06:27	16°♉51'03	
direct	-3748 Jun 23 j 18:52	16°♉27'35	
morning max el	-3748 Jul 01 j 05:20	20°♉03'20	18°15'44
asc. node	-3748 Jul 05 j 17:40	25°♉28'16	
	-3748 Jul 08 j 16:25	0°♊	
morning set	-3748 Jul 17 j 05:56	15°♊27'38	
	-3748 Jul 24 j 24:00	0°♋	
superior conj	-3748 Jul 26 j 18:41	3°♋15'02	1°46'04
minimum elong	-3748 Jul 26 j 20:41	3°♋24'07	1°46'08
max. Earth dist.	-3748 Aug 03 j 06:58	16°♋28'34	1.40828 AU
evening rise	-3748 Aug 08 j 06:08	24°♋46'20	
	-3748 Aug 11 j 11:46	0°♌	
desc. node	-3748 Aug 17 j 00:22	8°♌38'08	
	-3748 Aug 31 j 19:38	0°♍	
evening max el	-3748 Sep 11 j 09:44	12°♍44'06	23°02'35
retrograde	-3748 Sep 21 j 12:23	18°♍43'34	
evening set	-3748 Sep 26 j 08:31	16°♍43'40	
inferior conj	-3748 Oct 01 j 15:55	10°♍25'27	-0°00'43
minimum elong	-3748 Oct 01 j 15:56	10°♍25'24	0°00'39
transit middle	-3748 Oct 01 j 15:56	10°♍25'24	0°00'39
transit begin	-3748 Oct 01 j 13:14	10°♍34'42	
transit end	-3748 Oct 01 j 18:38	10°♍16'06	
min. Earth dist.	-3748 Oct 01 j 10:39	10°♍43'35	0.67437 AU
asc. node	-3748 Oct 01 j 16:45	10°♍22'33	
morning rise	-3748 Oct 06 j 23:14	4°♍13'13	
direct	-3748 Oct 11 j 06:35	2°♍31'08	
morning max el	-3748 Oct 20 j 05:25	7°♍49'19	21°42'09
	-3748 Nov 06 j 04:06	0°♎	
desc. node	-3748 Nov 13 j 00:10	10°♎12'14	
morning set	-3748 Nov 20 j 23:51	22°♎37'05	
	-3748 Nov 25 j 13:53	0°♏	
max. Earth dist.	-3748 Nov 27 j 18:52	3°♏37'48	1.41764 AU
superior conj	-3748 Dec 05 j 07:58	16°♏26'51	-1°50'57
minimum elong	-3748 Dec 05 j 05:01	16°♏14'01	1°50'56
	-3748 Dec 12 j 22:11	0°♐	
evening rise	-3748 Dec 16 j 03:14	5°♐52'35	
asc. node	-3748 Dec 28 j 15:45	27°♐18'11	
	-3748 Dec 30 j 17:14	0°♑	
evening max el	-3747 Jan 01 j 14:24	2°♑04'02	18°10'31
retrograde	-3747 Jan 08 j 11:16	5°♑33'19	
evening set	-3747 Jan 11 j 02:36	5°♑03'05	
inferior conj	-3747 Jan 17 j 22:35	0°♑10'06	4°02'12
minimum elong	-3747 Jan 17 j 22:43	0°♑09'47	4°02'02
	-3747 Jan 18 j 02:58	30°℞♐	
min. Earth dist.	-3747 Jan 21 j 03:18	27°♐14'56	0.60724 AU
morning rise	-3747 Jan 24 j 17:23	24°♐29'12	
direct	-3747 Jan 31 j 13:38	22°♐15'50	
desc. node	-3747 Feb 08 j 23:35	25°♐13'13	
morning max el	-3747 Feb 14 j 16:42	29°♐56'41	27°27'52
	-3747 Feb 14 j 18:03	0°♑	
	-3747 Mar 08 j 06:57	0°♒	
morning set	-3747 Mar 18 j 13:04	19°♒36'27	
	-3747 Mar 23 j 10:43	0°♓	
max. Earth dist.	-3747 Mar 24 j 21:22	3°♓08'17	1.32603 AU
superior conj	-3747 Mar 25 j 17:34	4°♓58'31	-0°09'25
minimum elong	-3747 Mar 25 j 18:00	5°♓00'50	0°09'24
behind sun begin	-3747 Mar 25 j 13:55	4°♓38'33	
behind sun end	-3747 Mar 25 j 22:05	5°♓23'08	
asc. node	-3747 Mar 26 j 15:10	6°♓56'29	
evening rise	-3747 Apr 01 j 16:41	20°♓01'46	
	-3747 Apr 06 j 14:35	0°♈	
	-3747 Apr 26 j 03:25	0°♉	
evening max el	-3747 Apr 28 j 17:29	2°♉39'11	25°23'18
desc. node	-3747 May 07 j 22:19	8°♉54'37	
retrograde	-3747 May 12 j 19:08	9°♉50'02	
evening set	-3747 May 18 j 05:11	8°♉41'14	
min. Earth dist.	-3747 May 23 j 05:48	5°♉52'33	0.57967 AU
inferior conj	-3747 May 26 j 10:11	3°♉39'23	-4°02'32
minimum elong	-3747 May 26 j 06:28	3°♉45'56	4°01'59
	-3747 Jun 01 j 13:30	30°℞♈	
morning rise	-3747 Jun 03 j 10:34	29°♈22'10	
direct	-3747 Jun 05 j 22:29	29°♈02'56	
	-3747 Jun 10 j 02:25	0°♉	
morning max el	-3747 Jun 14 j 10:06	3°♉01'56	18°53'46
asc. node	-3747 Jun 22 j 14:43	13°♉54'41	
morning set	-3747 Jul 01 j 00:12	29°♉26'18	
	-3747 Jul 01 j 07:05	0°♊	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3747 Jul 09 j 14:21	16°♊11'04	1°48'52
minimum elong	-3747 Jul 09 j 13:57	16°♊09'12	1°49'01
max. Earth dist.	-3747 Jul 16 j 09:18	28°♊44'57	1.38878 AU
	-3747 Jul 17 j 02:08	0°♋	
evening rise	-3747 Jul 20 j 08:16	5°♋41'49	
desc. node	-3747 Aug 03 j 21:21	29°♋01'18	
	-3747 Aug 04 j 13:08	0°♌	
evening max el	-3747 Aug 24 j 21:32	26°♌12'36	24°23'01
	-3747 Aug 29 j 05:50	0°♍	
retrograde	-3747 Sep 05 j 02:30	2°♍46'47	
evening set	-3747 Sep 10 j 13:31	0°♍27'34	
	-3747 Sep 11 j 01:42	30°℞♌	
inferior conj	-3747 Sep 15 j 21:49	24°♌08'56	-0°54'22
minimum elong	-3747 Sep 15 j 23:06	24°♌04'38	0°53'45
min. Earth dist.	-3747 Sep 15 j 06:07	25°♌01'47	0.67255 AU
asc. node	-3747 Sep 18 j 13:52	20°♌43'36	
morning rise	-3747 Sep 21 j 08:39	18°♌02'41	
direct	-3747 Sep 25 j 03:29	16°♌40'35	
morning max el	-3747 Oct 03 j 02:18	21°♌18'53	20°27'01
	-3747 Oct 10 j 05:23	0°♍	
	-3747 Oct 30 j 10:25	0°♎	
morning set	-3747 Oct 30 j 23:40	0°♎51'19	
desc. node	-3747 Oct 30 j 21:06	0°♎41'23	
max. Earth dist.	-3747 Nov 10 j 03:14	16°♎52'19	1.43407 AU
superior conj	-3747 Nov 16 j 03:08	26°♎39'20	-1°31'39
minimum elong	-3747 Nov 15 j 20:42	26°♎12'43	1°31'08
	-3747 Nov 18 j 03:22	0°♏	
evening rise	-3747 Nov 28 j 15:40	18°♏01'19	
	-3747 Dec 05 j 13:11	0°♐	
asc. node	-3747 Dec 15 j 12:49	14°♐40'20	
evening max el	-3747 Dec 16 j 02:28	15°♐15'53	18°10'00
retrograde	-3747 Dec 22 j 15:56	18°♐44'39	
evening set	-3747 Dec 25 j 10:33	18°♐06'11	
inferior conj	-3747 Dec 31 j 19:12	12°♐52'10	3°54'31
minimum elong	-3747 Dec 31 j 17:16	12°♐57'12	3°54'10
min. Earth dist.	-3746 Jan 03 j 11:34	10°♐04'54	0.62641 AU
morning rise	-3746 Jan 06 j 23:10	6°♐58'29	
direct	-3746 Jan 14 j 00:50	4°♐19'01	
desc. node	-3746 Jan 26 j 20:39	11°♐02'35	
morning max el	-3746 Jan 27 j 21:58	12°♐03'18	27°42'54
	-3746 Feb 11 j 05:17	0°♑	
	-3746 Feb 28 j 14:34	0°♒	
morning set	-3746 Mar 02 j 15:39	4°♒04'45	
max. Earth dist.	-3746 Mar 08 j 06:38	15°♒48'45	1.32969 AU
superior conj	-3746 Mar 10 j 03:15	19°♒48'43	-0°34'36
minimum elong	-3746 Mar 10 j 04:48	19°♒57'05	0°34'23
asc. node	-3746 Mar 13 j 12:10	27°♒07'00	
	-3746 Mar 14 j 20:14	0°♓	
evening rise	-3746 Mar 17 j 04:20	4°♓58'50	
	-3746 Mar 30 j 16:34	0°♈	
evening max el	-3746 Apr 10 j 09:28	13°♈27'22	23°53'56
retrograde	-3746 Apr 24 j 03:13	20°♈19'38	
desc. node	-3746 Apr 24 j 19:26	20°♈18'36	
evening set	-3746 Apr 28 j 05:08	19°♈42'47	
min. Earth dist.	-3746 May 04 j 20:52	16°♈33'26	0.56304 AU
inferior conj	-3746 May 07 j 04:44	15°♈07'57	-3°06'40
minimum elong	-3746 May 06 j 22:44	15°♈17'12	3°05'09
morning rise	-3746 May 15 j 19:19	11°♈07'00	
direct	-3746 May 18 j 07:15	10°♈50'52	
morning max el	-3746 May 28 j 06:00	15°♈27'45	19°52'19
	-3746 Jun 07 j 20:20	0°♉	
asc. node	-3746 Jun 09 j 11:45	2°♉57'19	
morning set	-3746 Jun 15 j 02:24	13°♉51'48	
superior conj	-3746 Jun 23 j 00:46	29°♉54'04	1°42'53
minimum elong	-3746 Jun 22 j 22:51	29°♉44'29	1°42'55
	-3746 Jun 23 j 01:58	0°♊	
max. Earth dist.	-3746 Jun 28 j 12:51	10°♊35'41	1.37005 AU
evening rise	-3746 Jul 02 j 10:49	17°♊50'21	
	-3746 Jul 09 j 10:42	0°♋	
desc. node	-3746 Jul 21 j 18:22	19°♋07'43	
	-3746 Jul 29 j 18:53	0°♌	
evening max el	-3746 Aug 07 j 08:12	9°♌43'52	25°37'09
retrograde	-3746 Aug 19 j 12:19	16°♌44'47	
evening set	-3746 Aug 25 j 14:18	14°♌08'52	
min. Earth dist.	-3746 Aug 29 j 22:14	9°♌19'54	0.66753 AU
inferior conj	-3746 Aug 31 j 01:14	7°♌53'02	-1°46'57
minimum elong	-3746 Aug 31 j 03:42	7°♌45'04	1°45'53
asc. node	-3746 Sep 05 j 10:58	2°♌06'19	
morning rise	-3746 Sep 05 j 17:14	1°♌55'50	
direct	-3746 Sep 09 j 01:38	0°♌50'52	
morning max el	-3746 Sep 16 j 06:29	4°♌57'41	19°24'51
	-3746 Oct 04 j 02:05	0°♍	
morning set	-3746 Oct 10 j 02:22	9°♍21'11	
desc. node	-3746 Oct 17 j 18:01	21°♍19'07	
	-3746 Oct 23 j 06:22	0°♎	
max. Earth dist.	-3746 Oct 23 j 17:41	0°♎44'47	1.44474 AU
superior conj	-3746 Oct 26 j 19:16	5°♎36'58	-0°55'30
minimum elong	-3746 Oct 26 j 12:55	5°♎11'39	0°54'45
evening rise	-3746 Nov 10 j 07:29	29°♎14'27	
	-3746 Nov 10 j 18:27	0°♏	
evening max el	-3746 Nov 29 j 14:57	28°♏36'39	18°28'13
	-3746 Dec 01 j 02:37	0°♐	
asc. node	-3746 Dec 02 j 09:54	0°♐58'30	
retrograde	-3746 Dec 06 j 05:29	2°♐15'41	
evening set	-3746 Dec 09 j 04:24	1°♐27'43	
	-3746 Dec 11 j 06:26	30°℞♏	
inferior conj	-3746 Dec 15 j 04:15	25°♏55'00	3°30'06
minimum elong	-3746 Dec 15 j 01:18	26°♏03'33	3°29'22
min. Earth dist.	-3746 Dec 17 j 05:56	23°♏31'31	0.64282 AU
morning rise	-3746 Dec 20 j 21:43	19°♏52'00	
direct	-3746 Dec 27 j 19:20	17°♏01'08	
morning max el	-3745 Jan 10 j 06:53	24°♏43'34	27°22'29
desc. node	-3745 Jan 13 j 17:41	28°♏23'44	
	-3745 Jan 15 j 03:00	0°♐	
	-3745 Feb 04 j 14:29	0°♑	
morning set	-3745 Feb 14 j 10:11	18°♑04'35	
max. Earth dist.	-3745 Feb 19 j 08:07	27°♑59'56	1.33735 AU
	-3745 Feb 20 j 07:12	0°♒	
superior conj	-3745 Feb 22 j 09:14	4°♒23'16	-0°58'58
minimum elong	-3745 Feb 22 j 11:45	4°♒36'39	0°58'38
asc. node	-3745 Feb 28 j 09:10	17°♒09'49	
evening rise	-3745 Mar 01 j 15:24	19°♒48'56	
	-3745 Mar 06 j 16:27	0°♓	
evening max el	-3745 Mar 23 j 03:04	24°♓11'01	22°19'47
	-3745 Apr 01 j 13:15	0°♈	
retrograde	-3745 Apr 04 j 23:26	0°♈26'58	
evening set	-3745 Apr 07 j 21:36	0°♈08'06	
	-3745 Apr 08 j 11:38	30°℞♓	
desc. node	-3745 Apr 11 j 16:35	28°♓53'13	
min. Earth dist.	-3745 Apr 16 j 10:53	26°♓25'35	0.55314 AU
inferior conj	-3745 Apr 17 j 06:18	25°♓58'03	-1°31'21
minimum elong	-3745 Apr 17 j 02:14	26°♓03'49	1°30'02
morning rise	-3745 Apr 26 j 08:31	22°♓00'47	
direct	-3745 Apr 28 j 23:47	21°♓44'57	
morning max el	-3745 May 10 j 15:15	27°♓12'41	21°10'17
	-3745 May 13 j 07:57	0°♈	
asc. node	-3745 May 27 j 08:45	22°♈26'13	
morning set	-3745 May 30 j 09:52	28°♈35'33	
	-3745 May 31 j 02:14	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3745 Jun 06 j 21:31	14°♉09'55	1°30'26
minimum elong	-3745 Jun 06 j 18:55	13°♉56'28	1°30'15
max. Earth dist.	-3745 Jun 10 j 23:06	22°♉25'07	1.35395 AU
	-3745 Jun 14 j 20:27	0°♊	
evening rise	-3745 Jun 15 j 08:33	0°♊57'26	
	-3745 Jul 02 j 11:42	0°♋	
desc. node	-3745 Jul 08 j 15:25	8°♋49'04	
evening max el	-3745 Jul 20 j 19:16	23°♋13'49	26°37'09
	-3745 Jul 30 j 15:26	0°♌	
retrograde	-3745 Aug 02 j 17:24	0°♌30'56	
	-3745 Aug 05 j 15:17	30°℞♋	
evening set	-3745 Aug 09 j 08:39	27°♋44'35	
min. Earth dist.	-3745 Aug 13 j 08:41	23°♋33'50	0.65892 AU
inferior conj	-3745 Aug 15 j 00:12	21°♋34'40	-2°36'36
minimum elong	-3745 Aug 15 j 03:37	21°♋24'21	2°35'19
morning rise	-3745 Aug 20 j 22:55	15°♋49'34	
asc. node	-3745 Aug 23 j 08:02	15°♋00'40	
direct	-3745 Aug 23 j 23:12	14°♋58'25	
morning max el	-3745 Aug 30 j 16:38	18°♋42'41	18°38'09
	-3745 Sep 08 j 04:55	0°♌	
morning set	-3745 Sep 20 j 03:21	18°♌58'45	
	-3745 Sep 27 j 00:34	0°♍	
desc. node	-3745 Oct 04 j 14:58	12°♍02'05	
superior conj	-3745 Oct 05 j 19:27	13°♍54'24	-0°07'34
minimum elong	-3745 Oct 05 j 18:28	13°♍50'29	0°07'23
behind sun begin	-3745 Oct 05 j 08:12	13°♍10'02	
behind sun end	-3745 Oct 06 j 04:44	14°♍30'57	
max. Earth dist.	-3745 Oct 06 j 11:11	14°♍56'19	1.44844 AU
	-3745 Oct 16 j 00:29	0°♎	
evening rise	-3745 Oct 21 j 22:54	9°♎24'33	
greatest brilliancy	-3745 Oct 29 j 19:49	21°♎55'10	-0.8m
	-3745 Nov 04 j 00:37	0°♏	
evening max el	-3745 Nov 13 j 01:24	12°♏02'13	19°04'01
asc. node	-3745 Nov 19 j 06:59	15°♏57'26	
retrograde	-3745 Nov 20 j 00:11	16°♏00'21	
evening set	-3745 Nov 23 j 05:10	15°♏00'52	
inferior conj	-3745 Nov 28 j 22:22	9°♏12'28	2°54'17
minimum elong	-3745 Nov 28 j 19:15	9°♏22'14	2°53'19
min. Earth dist.	-3745 Nov 30 j 09:48	7°♏21'38	0.65576 AU
morning rise	-3745 Dec 04 j 09:01	3°♏02'53	
direct	-3745 Dec 10 j 20:23	0°♏14'33	
morning max el	-3745 Dec 23 j 16:37	7°♏45'00	26°32'03
desc. node	-3745 Dec 31 j 14:42	16°♏49'46	
	-3744 Jan 10 j 02:29	0°♐	
	-3744 Jan 27 j 23:03	0°♑	
morning set	-3744 Jan 28 j 17:01	1°♑24'31	
max. Earth dist.	-3744 Feb 01 j 22:26	9°♑35'04	1.34942 AU
superior conj	-3744 Feb 06 j 09:21	18°♑35'30	-1°21'13
minimum elong	-3744 Feb 06 j 12:28	18°♑51'35	1°20'55
	-3744 Feb 11 j 20:52	0°♒	
evening rise	-3744 Feb 14 j 00:05	4°♒26'01	
asc. node	-3744 Feb 15 j 06:11	7°♒00'22	
	-3744 Feb 28 j 12:44	0°♓	
evening max el	-3744 Mar 04 j 04:29	5°♓17'03	20°53'28
retrograde	-3744 Mar 15 j 13:02	10°♓42'02	
evening set	-3744 Mar 17 j 21:40	10°♓28'53	
inferior conj	-3744 Mar 27 j 01:31	6°♓30'58	0°25'05
minimum elong	-3744 Mar 27 j 02:40	6°♓29'19	0°24'37
min. Earth dist.	-3744 Mar 28 j 01:08	5°♓57'11	0.55230 AU
desc. node	-3744 Mar 28 j 13:41	5°♓39'20	
morning rise	-3744 Apr 05 j 06:49	2°♓19'10	
direct	-3744 Apr 08 j 11:47	1°♓56'45	
morning max el	-3744 Apr 21 j 14:06	8°♓17'22	22°43'21
	-3744 May 07 j 00:15	0°♈	
asc. node	-3744 May 13 j 05:46	12°♈14'28	
morning set	-3744 May 13 j 20:33	13°♈31'19	
superior conj	-3744 May 21 j 01:20	28°♈48'29	1°13'14
minimum elong	-3744 May 20 j 22:44	28°♈34'39	1°12'53
	-3744 May 21 j 14:51	0°♉	
max. Earth dist.	-3744 May 23 j 19:19	4°♉35'12	1.34149 AU
evening rise	-3744 May 28 j 20:25	14°♉48'30	
	-3744 Jun 06 j 00:33	0°♊	
desc. node	-3744 Jun 24 j 12:29	27°♊54'35	
	-3744 Jun 26 j 05:26	0°♋	
evening max el	-3744 Jul 02 j 06:37	6°♋34'06	27°15'14
retrograde	-3744 Jul 15 j 17:07	13°♋57'26	
evening set	-3744 Jul 22 j 17:50	11°♋10'39	
min. Earth dist.	-3744 Jul 26 j 11:21	7°♋36'41	0.64655 AU
inferior conj	-3744 Jul 28 j 16:28	5°♋09'46	-3°20'54
minimum elong	-3744 Jul 28 j 20:19	4°♋59'06	3°19'45
	-3744 Aug 03 j 08:13	30°℞♊	
morning rise	-3744 Aug 03 j 23:24	29°♊39'49	
direct	-3744 Aug 06 j 17:56	28°♊59'15	
asc. node	-3744 Aug 09 j 05:07	29°♊31'10	
	-3744 Aug 10 j 04:01	0°♋	
morning max el	-3744 Aug 13 j 06:27	2°♋29'18	18°08'18
morning set	-3744 Aug 31 j 07:57	29°♋56'12	
	-3744 Aug 31 j 08:51	0°♌	
superior conj	-3744 Sep 14 j 01:42	22°♌33'43	0°40'14
minimum elong	-3744 Sep 14 j 06:14	22°♌51'54	0°39'46
max. Earth dist.	-3744 Sep 18 j 04:46	29°♌08'59	1.44490 AU
	-3744 Sep 18 j 17:39	0°♍	
desc. node	-3744 Sep 20 j 11:54	2°♍46'56	
evening rise	-3744 Sep 30 j 15:00	18°♍35'38	
	-3744 Oct 08 j 00:37	0°♎	
greatest brilliancy	-3744 Oct 13 j 20:18	8°♎49'14	-0.7m
evening max el	-3744 Oct 26 j 07:39	25°♎29'00	19°55'44
retrograde	-3744 Nov 02 j 21:06	29°♎54'02	
asc. node	-3744 Nov 05 j 04:05	29°♎23'36	
evening set	-3744 Nov 06 j 10:20	28°♎40'30	
inferior conj	-3744 Nov 11 j 22:43	22°♎39'26	2°10'42
minimum elong	-3744 Nov 11 j 20:03	22°♎48'16	2°09'43
min. Earth dist.	-3744 Nov 12 j 21:15	21°♎24'56	0.66520 AU
morning rise	-3744 Nov 17 j 05:32	16°♎25'52	
direct	-3744 Nov 23 j 03:07	13°♎50'37	
morning max el	-3744 Dec 05 j 01:26	20°♎55'16	25°19'57
	-3744 Dec 12 j 22:38	0°♏	
desc. node	-3744 Dec 17 j 11:41	6°♏00'59	
	-3743 Jan 02 j 07:16	0°♐	
morning set	-3743 Jan 10 j 07:12	13°♐49'01	
max. Earth dist.	-3743 Jan 14 j 01:07	20°♐42'37	1.36591 AU
	-3743 Jan 18 j 21:09	0°♑	
superior conj	-3743 Jan 20 j 00:43	2°♑16'05	-1°39'40
minimum elong	-3743 Jan 20 j 03:45	2°♑31'08	1°39'32
evening rise	-3743 Jan 28 j 04:19	18°♑43'06	
asc. node	-3743 Feb 01 j 03:13	26°♑32'40	
	-3743 Feb 02 j 23:08	0°♒	
evening max el	-3743 Feb 14 j 16:23	16°♒57'21	19°42'46
retrograde	-3743 Feb 24 j 08:03	21°♒32'15	
evening set	-3743 Feb 26 j 15:28	21°♒17'44	
inferior conj	-3743 Mar 07 j 04:29	17°♒14'40	2°10'15
minimum elong	-3743 Mar 07 j 09:12	17°♒07'14	2°08'46
min. Earth dist.	-3743 Mar 09 j 15:35	15°♒42'02	0.56063 AU
desc. node	-3743 Mar 15 j 10:48	12°♒46'43	
morning rise	-3743 Mar 16 j 00:30	12°♒35'21	
direct	-3743 Mar 20 j 07:17	11°♒54'18	
morning max el	-3743 Apr 03 j 06:01	18°♒55'09	24°22'38
	-3743 Apr 12 j 11:10	0°♓	
morning set	-3743 Apr 28 j 08:41	28°♓33'13	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3743 Apr 29 j 01:10	0°♈	
asc. node	-3743 Apr 30 j 02:47	2°♈16'13	
superior conj	-3743 May 05 j 09:44	13°♈41'36	0°52'37
minimum elong	-3743 May 05 j 07:37	13°♈30'11	0°52'14
max. Earth dist.	-3743 May 07 j 00:40	17°♈11'19	1.33270 AU
evening rise	-3743 May 12 j 18:16	29°♈10'44	
	-3743 May 13 j 04:01	0°♉	
	-3743 May 30 j 03:35	0°♊	
desc. node	-3743 Jun 11 j 09:34	16°♊09'06	
evening max el	-3743 Jun 14 j 16:30	19°♊32'31	27°24'46
retrograde	-3743 Jun 28 j 10:42	26°♊55'40	
evening set	-3743 Jul 05 j 14:28	24°♊21'22	
min. Earth dist.	-3743 Jul 09 j 04:32	21°♊18'15	0.63050 AU
inferior conj	-3743 Jul 11 j 23:19	18°♊32'30	-3°56'23
minimum elong	-3743 Jul 12 j 02:42	18°♊24'04	3°55'39
morning rise	-3743 Jul 18 j 15:56	13°♊20'51	
direct	-3743 Jul 21 j 06:57	12°♊48'13	
asc. node	-3743 Jul 27 j 02:12	15°♊27'26	
morning max el	-3743 Jul 27 j 21:23	16°♊12'24	17°56'18
	-3743 Aug 06 j 14:42	0°♋	
morning set	-3743 Aug 13 j 12:32	12°♋02'41	
	-3743 Aug 23 j 21:18	0°♌	
superior conj	-3743 Aug 25 j 07:35	2°♌24'09	1°17'04
minimum elong	-3743 Aug 25 j 13:14	2°♌47'43	1°16'36
max. Earth dist.	-3743 Aug 31 j 19:49	13°♌06'19	1.43462 AU
desc. node	-3743 Sep 07 j 08:54	23°♌30'50	
evening rise	-3743 Sep 09 j 19:26	27°♌19'01	
	-3743 Sep 11 j 13:05	0°♍	
	-3743 Oct 01 j 23:16	0°♎	
evening max el	-3743 Oct 09 j 08:12	8°♎55'45	21°01'00
retrograde	-3743 Oct 17 j 18:07	13°♎54'29	
evening set	-3743 Oct 21 j 17:50	12°♎24'16	
asc. node	-3743 Oct 23 j 01:11	11°♎15'31	
inferior conj	-3743 Oct 27 j 03:04	6°♎13'47	1°21'57
minimum elong	-3743 Oct 27 j 01:15	6°♎19'58	1°21'14
min. Earth dist.	-3743 Oct 27 j 14:05	5°♎36'06	0.67127 AU
morning rise	-3743 Nov 01 j 08:30	29°♍58'39	
	-3743 Nov 01 j 07:53	30°℞♍	
direct	-3743 Nov 06 j 14:48	27°♍42'51	
	-3743 Nov 12 j 14:53	0°♎	
morning max el	-3743 Nov 17 j 10:10	4°♎09'38	23°56'00
desc. node	-3743 Dec 04 j 08:41	25°♎44'36	
	-3743 Dec 07 j 06:20	0°♏	
morning set	-3743 Dec 22 j 22:42	25°♏02'18	
	-3743 Dec 25 j 19:20	0°♐	
max. Earth dist.	-3743 Dec 26 j 21:26	1°♐55'16	1.38573 AU
superior conj	-3742 Jan 03 j 03:40	15°♐15'09	-1°51'57
minimum elong	-3742 Jan 03 j 05:30	15°♐23'51	1°52'02
	-3742 Jan 10 j 18:17	0°♑	
evening rise	-3742 Jan 12 j 01:45	2°♑34'11	
asc. node	-3742 Jan 19 j 00:16	15°♑40'25	
evening max el	-3742 Jan 28 j 14:13	29°♑12'07	18°51'07
	-3742 Jan 29 j 11:15	0°♒	
retrograde	-3742 Feb 05 j 19:28	3°♒09'45	
evening set	-3742 Feb 08 j 05:48	2°♒50'22	
	-3742 Feb 13 j 22:47	30°℞♑	
inferior conj	-3742 Feb 16 j 01:19	28°♑30'34	3°21'37
minimum elong	-3742 Feb 16 j 05:37	28°♑22'43	3°20'41
min. Earth dist.	-3742 Feb 19 j 07:19	26°♑09'34	0.57611 AU
morning rise	-3742 Feb 24 j 02:53	23°♑21'54	
direct	-3742 Mar 01 j 15:12	22°♑08'34	
desc. node	-3742 Mar 02 j 07:55	22°♑09'45	
morning max el	-3742 Mar 15 j 21:17	29°♑33'04	25°54'14
	-3742 Mar 16 j 08:18	0°♒	
	-3742 Apr 06 j 00:51	0°♓	
morning set	-3742 Apr 12 j 20:33	13°♓34'45	
asc. node	-3742 Apr 16 j 23:47	22°♓26'05	
superior conj	-3742 Apr 19 j 20:40	28°♓41'56	0°29'36
minimum elong	-3742 Apr 19 j 19:23	28°♓34'59	0°29'20
	-3742 Apr 20 j 10:58	0°♈	
max. Earth dist.	-3742 Apr 20 j 12:00	0°♈05'38	1.32740 AU
evening rise	-3742 Apr 26 j 22:52	13°♈53'03	
	-3742 May 05 j 05:57	0°♉	
	-3742 May 26 j 00:00	0°♊	
evening max el	-3742 May 27 j 22:06	1°♊55'28	27°01'49
desc. node	-3742 May 29 j 06:41	3°♊10'34	
retrograde	-3742 Jun 10 j 21:15	9°♊16'20	
evening set	-3742 Jun 17 j 18:22	7°♊08'08	
min. Earth dist.	-3742 Jun 21 j 11:36	4°♊23'57	0.61143 AU
inferior conj	-3742 Jun 24 j 17:22	1°♊34'14	-4°17'43
minimum elong	-3742 Jun 24 j 18:57	1°♊30'45	4°17'30
	-3742 Jun 26 j 13:26	30°℞♉	
morning rise	-3742 Jul 01 j 21:12	26°♉43'35	
direct	-3742 Jul 04 j 10:21	26°♉17'04	
morning max el	-3742 Jul 11 j 10:42	29°♉44'59	18°03'03
	-3742 Jul 11 j 16:49	0°♊	
asc. node	-3742 Jul 13 j 23:16	2°♊33'28	
morning set	-3742 Jul 27 j 11:24	25°♊01'55	
	-3742 Jul 30 j 04:03	0°♋	
superior conj	-3742 Aug 06 j 17:01	13°♋36'28	1°39'22
minimum elong	-3742 Aug 06 j 20:36	13°♋52'13	1°39'16
max. Earth dist.	-3742 Aug 14 j 05:36	26°♋29'53	1.41894 AU
	-3742 Aug 16 j 08:26	0°♌	
evening rise	-3742 Aug 20 j 07:37	6°♌25'08	
desc. node	-3742 Aug 25 j 05:53	14°♌09'52	
	-3742 Sep 04 j 19:35	0°♍	
evening max el	-3742 Sep 22 j 02:31	22°♍21'23	22°16'26
retrograde	-3742 Oct 01 j 13:33	27°♍58'37	
evening set	-3742 Oct 06 j 01:47	26°♍09'40	
asc. node	-3742 Oct 09 j 22:18	21°♍52'57	
inferior conj	-3742 Oct 11 j 09:24	19°♍53'06	0°30'01
minimum elong	-3742 Oct 11 j 08:42	19°♍55'30	0°29'44
min. Earth dist.	-3742 Oct 11 j 09:53	19°♍51'25	0.67413 AU
morning rise	-3742 Oct 16 j 15:30	13°♍39'06	
direct	-3742 Oct 21 j 06:47	11°♍44'59	
morning max el	-3742 Oct 30 j 21:32	17°♍28'15	22°29'41
	-3742 Nov 10 j 04:28	0°♎	
desc. node	-3742 Nov 21 j 05:41	15°♎51'11	
	-3742 Nov 30 j 09:26	0°♏	
morning set	-3742 Dec 03 j 10:19	4°♏53'18	
max. Earth dist.	-3742 Dec 08 j 18:59	13°♏47'05	1.40642 AU
superior conj	-3742 Dec 16 j 13:20	27°♏20'20	-1°54'56
minimum elong	-3742 Dec 16 j 12:30	27°♏16'37	1°55'03
	-3742 Dec 18 j 00:39	0°♐	
evening rise	-3742 Dec 26 j 13:28	15°♐52'36	
	-3741 Jan 03 j 06:54	0°♑	
asc. node	-3741 Jan 05 j 21:19	4°♑15'52	
evening max el	-3741 Jan 11 j 19:49	11°♑55'43	18°19'35
retrograde	-3741 Jan 19 j 01:33	15°♑31'32	
evening set	-3741 Jan 21 j 15:00	15°♑05'40	
inferior conj	-3741 Jan 28 j 18:45	10°♑25'02	3°56'14
minimum elong	-3741 Jan 28 j 20:27	10°♑21'24	3°55'57
min. Earth dist.	-3741 Feb 01 j 03:20	7°♑35'19	0.59550 AU
morning rise	-3741 Feb 04 j 23:57	4°♑53'25	
direct	-3741 Feb 11 j 11:32	3°♑00'55	
desc. node	-3741 Feb 17 j 05:02	4°♑23'13	
morning max el	-3741 Feb 25 j 17:17	10°♑38'18	27°03'04
	-3741 Mar 12 j 17:31	0°♒	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3741 Mar 28 j 06:27	28°♒29'37		
	-3741 Mar 28 j 23:44	0°♓		
asc. node	-3741 Apr 03 j 20:48	12°♓39'46		
superior conj	-3741 Apr 04 j 08:26	13°♓43'28	0°05'06	
minimum elong	-3741 Apr 04 j 08:13	13°♓42'14	0°05'01	
behind sun begin	-3741 Apr 04 j 03:27	13°♓16'08		
behind sun end	-3741 Apr 04 j 12:59	14°♓08'21		
max. Earth dist.	-3741 Apr 04 j 01:28	13°♓05'19	1.32549 AU	
evening rise	-3741 Apr 11 j 07:47	28°♓46'59		
	-3741 Apr 11 j 21:46	0°♈		
	-3741 Apr 28 j 17:35	0°♉		
evening max el	-3741 May 09 j 21:25	13°♉35'41	26°06'57	
desc. node	-3741 May 16 j 03:46	18°♉29'00		
retrograde	-3741 May 23 j 23:28	20°♉52'40		
evening set	-3741 May 30 j 01:43	19°♉21'11		
min. Earth dist.	-3741 Jun 03 j 10:07	16°♉38'57	0.59097 AU	
inferior conj	-3741 Jun 06 j 18:57	14°♉05'48	-4°17'01	
minimum elong	-3741 Jun 06 j 17:20	14°♉08'53	4°16'50	
morning rise	-3741 Jun 14 j 11:30	9°♉37'11		
direct	-3741 Jun 16 j 23:41	9°♉15'40		
morning max el	-3741 Jun 24 j 19:29	12°♉59'12	18°29'25	
asc. node	-3741 Jun 30 j 20:20	20°♉34'30		
	-3741 Jul 06 j 09:11	0°♊		
morning set	-3741 Jul 10 j 23:43	8°♊41'44		
superior conj	-3741 Jul 20 j 01:54	25°♊59'43	1°48'29	
minimum elong	-3741 Jul 20 j 02:48	26°♊03'53	1°48'38	
	-3741 Jul 22 j 06:12	0°♋		
max. Earth dist.	-3741 Jul 27 j 09:24	9°♋08'14	1.40006 AU	
evening rise	-3741 Jul 31 j 18:33	16°♋36'21		
	-3741 Aug 09 j 01:56	0°♌		
desc. node	-3741 Aug 12 j 02:52	4°♌40'09		
	-3741 Aug 30 j 10:38	0°♍		
evening max el	-3741 Sep 04 j 15:50	5°♍47'38	23°36'57	
retrograde	-3741 Sep 15 j 06:01	12°♍03'13		
evening set	-3741 Sep 20 j 08:23	9°♍54'48		
inferior conj	-3741 Sep 25 j 15:57	3°♍35'42	-0°23'30	
minimum elong	-3741 Sep 25 j 16:30	3°♍33'49	0°23'12	
min. Earth dist.	-3741 Sep 25 j 06:14	4°♍08'56	0.67398 AU	
asc. node	-3741 Sep 26 j 19:25	2°♍02'41		
	-3741 Sep 28 j 10:10	30°℞♌		
morning rise	-3741 Oct 01 j 00:34	27°♌25'37		
direct	-3741 Oct 05 j 02:13	25°♌52'33		
	-3741 Oct 12 j 16:48	0°♍		
morning max el	-3741 Oct 13 j 14:24	0°♍53'17	21°08'43	
	-3741 Nov 04 j 00:29	0°♎		
desc. node	-3741 Nov 08 j 02:38	6°♎13'29		
morning set	-3741 Nov 12 j 19:16	13°♎30'15		
max. Earth dist.	-3741 Nov 20 j 22:29	26°♎30'28	1.42516 AU	
	-3741 Nov 23 j 01:30	0°♏		
superior conj	-3741 Nov 27 j 23:56	8°♏16'51	-1°44'48	
minimum elong	-3741 Nov 27 j 19:20	7°♏57'18	1°44'36	
evening rise	-3741 Dec 09 j 11:39	28°♏29'11		
	-3741 Dec 10 j 07:51	0°♐		
asc. node	-3741 Dec 23 j 18:23	22°♐08'17		
evening max el	-3741 Dec 26 j 06:20	24°♐59'18	18°07'57	
retrograde	-3740 Jan 01 j 23:07	28°♐27'11		
evening set	-3740 Jan 04 j 15:39	27°♐53'44		
inferior conj	-3740 Jan 11 j 06:29	22°♐51'49	4°01'25	
minimum elong	-3740 Jan 11 j 05:38	22°♐53'55	4°01'13	
min. Earth dist.	-3740 Jan 14 j 06:38	19°♐57'13	0.61559 AU	
morning rise	-3740 Jan 17 j 18:23	17°♐04'40		
direct	-3740 Jan 24 j 18:12	14°♐38'14		
desc. node	-3740 Feb 04 j 02:06	19°♐03'59		
morning max el	-3740 Feb 07 j 19:24	22°♐22'05	27°38'47	
	-3740 Feb 14 j 14:09	0°♑		
	-3740 Mar 04 j 18:38	0°♒		
morning set	-3740 Mar 11 j 12:18	13°♒09'28		
max. Earth dist.	-3740 Mar 17 j 13:10	25°♒55'21	1.32705 AU	
superior conj	-3740 Mar 18 j 19:21	28°♒39'10	-0°20'08	
minimum elong	-3740 Mar 18 j 20:15	28°♒44'07	0°20'01	
	-3740 Mar 19 j 10:11	0°♓		
asc. node	-3740 Mar 20 j 17:48	2°♓52'14		
evening rise	-3740 Mar 25 j 18:55	13°♓44'12		
	-3740 Apr 03 j 01:00	0°♈		
evening max el	-3740 Apr 20 j 15:02	24°♈37'22	24°46'50	
	-3740 Apr 27 j 22:00	0°♉		
desc. node	-3740 May 02 j 00:53	1°♉27'17		
retrograde	-3740 May 04 j 15:08	1°♉42'55		
evening set	-3740 May 09 j 11:32	0°♉49'16		
	-3740 May 11 j 10:05	30°℞♈		
min. Earth dist.	-3740 May 15 j 03:12	27°♈52'57	0.57192 AU	
inferior conj	-3740 May 18 j 00:59	25°♈58'05	-3°43'57	
minimum elong	-3740 May 17 j 19:56	26°♈06'27	3°42'59	
morning rise	-3740 May 26 j 07:27	21°♈48'50		
direct	-3740 May 28 j 19:01	21°♈31'16		
morning max el	-3740 Jun 06 j 20:48	25°♈44'56	19°16'13	
	-3740 Jun 10 j 16:10	0°♉		
asc. node	-3740 Jun 16 j 17:22	9°♉17'17		
morning set	-3740 Jun 23 j 21:41	22°♉52'22		
	-3740 Jun 27 j 11:28	0°♊		
superior conj	-3740 Jul 02 j 04:26	9°♊17'22	1°47'15	
minimum elong	-3740 Jul 02 j 03:17	9°♊11'46	1°47'22	
max. Earth dist.	-3740 Jul 08 j 10:58	21°♊08'37	1.38056 AU	
evening rise	-3740 Jul 12 j 07:36	28°♊04'22		
	-3740 Jul 13 j 10:03	0°♋		
desc. node	-3740 Jul 28 j 23:51	24°♋56'59		
	-3740 Aug 01 j 11:53	0°♌		
evening max el	-3740 Aug 17 j 02:52	19°♌17'41	24°55'47	
retrograde	-3740 Aug 28 j 18:33	26°♌05'00		
evening set	-3740 Sep 03 j 11:51	23°♌38'20		
min. Earth dist.	-3740 Sep 08 j 00:42	18°♌27'40	0.67079 AU	
inferior conj	-3740 Sep 08 j 21:03	17°♌20'18	-1°16'55	
minimum elong	-3740 Sep 08 j 22:51	17°♌14'19	1°16'04	
asc. node	-3740 Sep 12 j 16:31	12°♌44'48		
morning rise	-3740 Sep 14 j 09:52	11°♌17'15		
direct	-3740 Sep 17 j 23:56	10°♌02'50		
morning max el	-3740 Sep 25 j 14:25	14°♌27'04	19°58'43	
	-3740 Oct 07 j 10:39	0°♍		
morning set	-3740 Oct 21 j 17:17	21°♍42'38		
desc. node	-3740 Oct 24 j 23:33	26°♍46'50		
	-3740 Oct 27 j 00:59	0°♎		
max. Earth dist.	-3740 Nov 02 j 09:17	10°♎01'44	1.43939 AU	
superior conj	-3740 Nov 07 j 07:17	17°♎56'35	-1°18'16	
minimum elong	-3740 Nov 07 j 00:13	17°♎27'53	1°17'36	
	-3740 Nov 14 j 14:39	0°♏		
evening rise	-3740 Nov 20 j 15:53	10°♏15'21		
	-3740 Dec 02 j 11:43	0°♐		
evening max el	-3740 Dec 08 j 18:59	8°♐16'05	18°15'34	
asc. node	-3740 Dec 09 j 15:27	9°♐05'18		
retrograde	-3740 Dec 15 j 07:55	11°♐47'47		
evening set	-3740 Dec 18 j 04:12	11°♐05'30		
inferior conj	-3740 Dec 24 j 08:52	5°♐43'32	3°45'48	
minimum elong	-3740 Dec 24 j 06:23	5°♐50'19	3°45'18	
min. Earth dist.	-3740 Dec 26 j 19:12	3°♐04'39	0.63384 AU	
morning rise	-3740 Dec 30 j 07:53	29°♏45'39		
	-3740 Dec 30 j 00:44	30°℞♏		
direct	-3739 Jan 06 j 08:58	26°♏59'07		
	-3739 Jan 14 j 12:08	0°♐		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3739 Jan 20 j 02:23	4°♐43'40	27°38'10
desc. node	-3739 Jan 20 j 23:10	5°♐36'01	
	-3739 Feb 08 j 05:27	0°♑	
morning set	-3739 Feb 23 j 11:48	27°♑26'23	
	-3739 Feb 24 j 18:18	0°♒	
max. Earth dist.	-3739 Feb 28 j 19:20	8°♒23'08	1.33244 AU
superior conj	-3739 Mar 03 j 03:41	13°♒23'18	-0°45'06
minimum elong	-3739 Mar 03 j 05:40	13°♒33'59	0°44'50
asc. node	-3739 Mar 07 j 14:46	22°♒59'40	
evening rise	-3739 Mar 10 j 06:31	28°♒38'35	
	-3739 Mar 10 j 22:04	0°♓	
	-3739 Mar 28 j 11:07	0°♈	
evening max el	-3739 Apr 02 j 07:03	5°♈20'10	23°13'40
retrograde	-3739 Apr 15 j 17:44	11°♈58'41	
desc. node	-3739 Apr 18 j 22:01	11°♈36'30	
evening set	-3739 Apr 19 j 06:19	11°♈31'31	
min. Earth dist.	-3739 Apr 26 j 17:46	8°♈09'41	0.55783 AU
inferior conj	-3739 Apr 28 j 11:27	7°♈08'27	-2°30'30
minimum elong	-3739 Apr 28 j 05:40	7°♈16'58	2°28'49
morning rise	-3739 May 07 j 07:31	3°♈10'34	
direct	-3739 May 09 j 20:08	2°♈55'01	
morning max el	-3739 May 20 j 12:10	7°♈52'56	20°23'17
asc. node	-3739 Jun 03 j 14:23	28°♈31'37	
	-3739 Jun 04 j 08:48	0°♉	
morning set	-3739 Jun 08 j 02:22	7°♉25'50	
superior conj	-3739 Jun 15 j 19:38	23°♉14'52	1°38'17
minimum elong	-3739 Jun 15 j 17:20	23°♉03'11	1°38'13
	-3739 Jun 19 j 04:50	0°♊	
max. Earth dist.	-3739 Jun 20 j 16:47	2°♊55'18	1.36279 AU
evening rise	-3739 Jun 24 j 18:56	10°♊39'20	
	-3739 Jul 06 j 00:02	0°♋	
desc. node	-3739 Jul 15 j 20:53	14°♋53'36	
	-3739 Jul 27 j 20:06	0°♌	
evening max el	-3739 Jul 30 j 13:49	2°♌49'47	26°05'01
retrograde	-3739 Aug 12 j 02:19	9°♌58'25	
evening set	-3739 Aug 18 j 10:11	7°♌17'27	
min. Earth dist.	-3739 Aug 22 j 14:46	2°♌44'28	0.66429 AU
inferior conj	-3739 Aug 23 j 22:49	1°♌03'52	-2°08'31
minimum elong	-3739 Aug 24 j 01:45	0°♌54'42	2°07'18
	-3739 Aug 24 j 19:19	30°℞♋	
morning rise	-3739 Aug 29 j 17:28	25°♋11'11	
asc. node	-3739 Aug 30 j 13:37	24°♋44'21	
direct	-3739 Sep 01 j 22:12	24°♋12'20	
morning max el	-3739 Sep 08 j 21:17	28°♋08'25	19°02'59
	-3739 Sep 10 j 13:59	0°♌	
	-3739 Sep 30 j 18:27	0°♍	
morning set	-3739 Oct 01 j 03:58	0°♍37'30	
desc. node	-3739 Oct 11 j 20:29	17°♍27'01	
max. Earth dist.	-3739 Oct 16 j 01:37	24°♍05'22	1.44728 AU
superior conj	-3739 Oct 17 j 14:28	26°♍30'51	-0°36'01
minimum elong	-3739 Oct 17 j 09:55	26°♍12'49	0°35'24
	-3739 Oct 19 j 19:20	0°♎	
evening rise	-3739 Nov 01 j 21:36	21°♎01'57	
	-3739 Nov 07 j 09:36	0°♏	
evening max el	-3739 Nov 22 j 06:58	21°♏39'32	18°41'23
asc. node	-3739 Nov 26 j 12:32	24°♏51'38	
retrograde	-3739 Nov 28 j 23:59	25°♏25'12	
evening set	-3739 Dec 02 j 01:22	24°♏32'27	
inferior conj	-3739 Dec 07 j 22:09	18°♏52'41	3°16'00
minimum elong	-3739 Dec 07 j 19:02	19°♏02'02	3°15'09
min. Earth dist.	-3739 Dec 09 j 17:35	16°♏42'37	0.64886 AU
morning rise	-3739 Dec 13 j 12:20	12°♏46'53	
direct	-3739 Dec 20 j 06:20	9°♏55'39	
morning max el	-3738 Jan 02 j 11:45	17°♏33'30	27°04'10
desc. node	-3738 Jan 07 j 20:11	23°♏27'02	
	-3738 Jan 12 j 23:33	0°♐	
	-3738 Feb 01 j 01:50	0°♑	
morning set	-3738 Feb 07 j 01:50	11°♑10'17	
max. Earth dist.	-3738 Feb 11 j 16:22	20°♑18'54	1.34198 AU
superior conj	-3738 Feb 15 j 07:28	27°♑49'10	-1°08'45
minimum elong	-3738 Feb 15 j 10:19	28°♑04'03	1°08'26
	-3738 Feb 16 j 08:23	0°♒	
asc. node	-3738 Feb 22 j 11:47	12°♒57'47	
evening rise	-3738 Feb 22 j 16:48	13°♒23'56	
	-3738 Mar 03 j 06:26	0°♓	
evening max el	-3738 Mar 15 j 03:29	16°♓10'55	21°41'31
retrograde	-3738 Mar 27 j 09:30	22°♓05'42	
evening set	-3738 Mar 30 j 00:22	21°♓50'17	
desc. node	-3738 Apr 05 j 19:08	19°♓12'33	
inferior conj	-3738 Apr 08 j 08:40	17°♓47'44	-0°42'40
minimum elong	-3738 Apr 08 j 06:40	17°♓50'32	0°42'02
min. Earth dist.	-3738 Apr 08 j 07:35	17°♓49'16	0.55164 AU
morning rise	-3738 Apr 17 j 13:36	13°♓46'47	
direct	-3738 Apr 20 j 09:25	13°♓29'08	
morning max el	-3738 May 02 j 16:39	19°♓19'30	21°48'30
	-3738 May 11 j 08:29	0°♈	
asc. node	-3738 May 21 j 11:23	18°♈09'42	
morning set	-3738 May 23 j 11:29	22°♈15'49	
	-3738 May 27 j 04:02	0°♉	
superior conj	-3738 May 30 j 19:45	7°♉41'31	1°23'38
minimum elong	-3738 May 30 j 17:05	7°♉27'31	1°23'22
max. Earth dist.	-3738 Jun 03 j 07:33	14°♉53'42	1.34819 AU
evening rise	-3738 Jun 07 j 23:17	24°♉06'54	
	-3738 Jun 11 j 02:06	0°♊	
	-3738 Jun 29 j 13:12	0°♋	
desc. node	-3738 Jul 02 j 17:58	4°♋21'21	
evening max el	-3738 Jul 13 j 01:17	16°♋17'25	26°56'28
retrograde	-3738 Jul 26 j 04:57	23°♋37'24	
evening set	-3738 Aug 02 j 01:00	20°♋49'29	
min. Earth dist.	-3738 Aug 05 j 22:04	16°♋54'55	0.65417 AU
inferior conj	-3738 Aug 07 j 19:15	14°♋43'21	-2°56'13
minimum elong	-3738 Aug 07 j 22:56	14°♋32'37	2°54'56
morning rise	-3738 Aug 13 j 21:17	9°♋04'21	
direct	-3738 Aug 16 j 18:58	8°♋17'56	
asc. node	-3738 Aug 17 j 10:42	8°♋20'18	
morning max el	-3738 Aug 23 j 09:18	11°♋54'44	18°23'23
	-3738 Sep 05 j 01:54	0°♌	
morning set	-3738 Sep 11 j 16:50	10°♌50'00	
	-3738 Sep 23 j 13:30	0°♍	
superior conj	-3738 Sep 26 j 14:22	4°♍49'17	0°13'32
minimum elong	-3738 Sep 26 j 16:06	4°♍56'10	0°13'23
behind sun begin	-3738 Sep 26 j 09:38	4°♍30'33	
behind sun end	-3738 Sep 26 j 22:34	5°♍21'45	
desc. node	-3738 Sep 28 j 17:26	8°♍11'06	
max. Earth dist.	-3738 Sep 28 j 20:09	8°♍21'49	1.44789 AU
	-3738 Oct 12 j 14:53	0°♎	
evening rise	-3738 Oct 13 j 02:34	0°♎45'46	
greatest brilliancy	-3738 Oct 23 j 16:08	17°♎14'50	-0.8m
	-3738 Nov 01 j 09:39	0°♏	
evening max el	-3738 Nov 05 j 15:53	5°♏05'46	19°24'06
retrograde	-3738 Nov 12 j 20:01	9°♏14'20	
asc. node	-3738 Nov 13 j 09:38	9°♏12'29	
evening set	-3738 Nov 16 j 04:19	8°♏09'00	
inferior conj	-3738 Nov 21 j 19:15	2°♏14'33	2°36'33
minimum elong	-3738 Nov 21 j 16:15	2°♏24'10	2°35'32
min. Earth dist.	-3738 Nov 23 j 00:53	0°♏39'18	0.66025 AU
	-3738 Nov 23 j 13:19	30°℞♎	
morning rise	-3738 Nov 27 j 03:56	26°♎03'01	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3738 Dec 03 j 09:38	23°♎19'34	
	-3738 Dec 15 j 05:01	0°♏	
morning max el	-3738 Dec 15 j 21:21	0°♏40'12	26°03'27
desc. node	-3738 Dec 25 j 17:11	12°♏13'56	
	-3737 Jan 06 j 23:17	0°♐	
morning set	-3737 Jan 21 j 02:17	24°♐08'19	
	-3737 Jan 24 j 04:52	0°♑	
max. Earth dist.	-3737 Jan 25 j 01:55	1°♑41'31	1.35597 AU
superior conj	-3737 Jan 30 j 04:16	11°♑48'45	-1°29'38
minimum elong	-3737 Jan 30 j 07:28	12°♑04'57	1°29'24
evening rise	-3737 Feb 06 j 23:54	27°♑53'22	
	-3737 Feb 08 j 00:46	0°♒	
asc. node	-3737 Feb 09 j 08:50	2°♒41'14	
evening max el	-3737 Feb 25 j 09:06	27°♒30'03	20°21'08
	-3737 Feb 28 j 10:34	0°♓	
retrograde	-3737 Mar 08 j 00:10	2°♓33'19	
evening set	-3737 Mar 10 j 07:16	2°♓20'10	
	-3737 Mar 16 j 08:40	30°℞♒	
inferior conj	-3737 Mar 19 j 05:31	28°♒21'30	1°12'54
minimum elong	-3737 Mar 19 j 08:38	28°♒16'53	1°11'47
min. Earth dist.	-3737 Mar 20 j 21:38	27°♒22'16	0.55475 AU
desc. node	-3737 Mar 23 j 16:16	25°♒50'03	
morning rise	-3737 Mar 28 j 08:24	23°♒59'16	
direct	-3737 Mar 31 j 22:57	23°♒30'54	
	-3737 Apr 14 j 07:40	0°♓	
morning max el	-3737 Apr 14 j 12:02	0°♓10'17	23°25'43
	-3737 May 04 j 09:50	0°♈	
morning set	-3737 May 07 j 23:00	7°♈14'58	
asc. node	-3737 May 08 j 08:24	8°♈04'15	
superior conj	-3737 May 15 j 01:48	22°♈27'05	1°04'50
minimum elong	-3737 May 14 j 23:22	22°♈14'00	1°04'28
max. Earth dist.	-3737 May 17 j 07:59	27°♈15'05	1.33726 AU
	-3737 May 18 j 15:24	0°♉	
evening rise	-3737 May 22 j 15:49	8°♉12'10	
	-3737 Jun 03 j 13:37	0°♊	
desc. node	-3737 Jun 19 j 15:04	23°♊07'07	
evening max el	-3737 Jun 25 j 12:05	29°♊28'52	27°22'59
	-3737 Jun 26 j 01:13	0°♋	
retrograde	-3737 Jul 09 j 02:08	6°♋52'54	
evening set	-3737 Jul 16 j 05:18	4°♋09'19	
min. Earth dist.	-3737 Jul 19 j 20:40	0°♋49'55	0.64017 AU
	-3737 Jul 20 j 15:47	30°℞♊	
inferior conj	-3737 Jul 22 j 07:51	28°♊13'19	-3°37'17
minimum elong	-3737 Jul 22 j 11:38	28°♊03'16	3°36'18
morning rise	-3737 Jul 28 j 18:45	22°♊51'07	
direct	-3737 Jul 31 j 11:33	22°♊14'15	
asc. node	-3737 Aug 04 j 07:47	23°♊28'38	
morning max el	-3737 Aug 06 j 23:59	25°♊40'33	18°01'02
	-3737 Aug 10 j 15:04	0°♋	
morning set	-3737 Aug 24 j 08:15	22°♋18'07	
	-3737 Aug 28 j 20:30	0°♌	
superior conj	-3737 Sep 06 j 05:22	13°♌55'13	0°57'34
minimum elong	-3737 Sep 06 j 10:55	14°♌17'52	0°57'01
max. Earth dist.	-3737 Sep 11 j 13:00	22°♌29'57	1.44125 AU
desc. node	-3737 Sep 15 j 14:26	28°♌55'52	
	-3737 Sep 16 j 06:45	0°♍	
evening rise	-3737 Sep 22 j 11:37	9°♍39'27	
	-3737 Oct 05 j 21:15	0°♎	
evening max el	-3737 Oct 19 j 19:45	18°♎32'26	20°21'57
retrograde	-3737 Oct 27 j 17:24	23°♎11'33	
evening set	-3737 Oct 31 j 10:46	21°♎51'15	
asc. node	-3737 Oct 31 j 06:44	21°♎58'21	
inferior conj	-3737 Nov 05 j 21:35	15°♎45'31	1°50'35
minimum elong	-3737 Nov 05 j 19:14	15°♎53'25	1°49'40
min. Earth dist.	-3737 Nov 06 j 15:01	14°♎46'47	0.66812 AU
morning rise	-3737 Nov 11 j 03:31	9°♎30'45	
direct	-3737 Nov 16 j 18:32	7°♎03'24	
morning max el	-3737 Nov 28 j 06:11	13°♎53'50	24°45'10
	-3737 Dec 11 j 09:23	0°♏	
desc. node	-3737 Dec 12 j 14:11	1°♏40'32	
	-3737 Dec 30 j 19:22	0°♐	
morning set	-3736 Jan 03 j 07:43	6°♐05'29	
max. Earth dist.	-3736 Jan 07 j 01:10	12°♐47'34	1.37403 AU
superior conj	-3736 Jan 13 j 14:55	25°♐13'23	-1°45'49
minimum elong	-3736 Jan 13 j 17:36	25°♐26'28	1°45'46
	-3736 Jan 16 j 01:17	0°♑	
evening rise	-3736 Jan 22 j 01:38	12°♑00'45	
asc. node	-3736 Jan 27 j 05:53	22°♑04'17	
	-3736 Jan 31 j 18:54	0°♒	
evening max el	-3736 Feb 08 j 01:26	9°♒25'46	19°18'20
retrograde	-3736 Feb 17 j 01:36	13°♒43'13	
evening set	-3736 Feb 19 j 09:49	13°♒27'05	
inferior conj	-3736 Feb 27 j 15:24	9°♒17'55	2°45'11
minimum elong	-3736 Feb 27 j 20:23	9°♒09'35	2°43'50
min. Earth dist.	-3736 Mar 01 j 12:44	7°♒22'38	0.56648 AU
morning rise	-3736 Mar 07 j 04:13	4°♒25'11	
desc. node	-3736 Mar 09 j 13:21	3°♒45'40	
direct	-3736 Mar 11 j 23:32	3°♒31'54	
morning max el	-3736 Mar 26 j 03:08	10°♒45'27	25°03'26
	-3736 Apr 09 j 16:57	0°♓	
morning set	-3736 Apr 21 j 11:13	22°♓17'14	
asc. node	-3736 Apr 24 j 05:26	28°♓09'52	
	-3736 Apr 25 j 01:49	0°♈	
superior conj	-3736 Apr 28 j 11:31	7°♈24'03	0°43'05
minimum elong	-3736 Apr 28 j 09:44	7°♈14'20	0°42'45
max. Earth dist.	-3736 Apr 29 j 16:03	9°♈58'47	1.33000 AU
evening rise	-3736 May 05 j 16:52	22°♈43'44	
	-3736 May 09 j 08:23	0°♉	
	-3736 May 27 j 10:41	0°♊	
desc. node	-3736 Jun 05 j 12:10	10°♊53'14	
evening max el	-3736 Jun 06 j 20:13	12°♊12'22	27°19'01
retrograde	-3736 Jun 20 j 17:08	19°♊35'38	
evening set	-3736 Jun 27 j 19:19	17°♊10'38	
min. Earth dist.	-3736 Jul 01 j 09:32	14°♊17'23	0.62263 AU
inferior conj	-3736 Jul 04 j 09:38	11°♊27'26	-4°07'35
minimum elong	-3736 Jul 04 j 12:26	11°♊20'48	4°07'06
morning rise	-3736 Jul 11 j 06:52	6°♊24'39	
direct	-3736 Jul 13 j 20:46	5°♊54'58	
morning max el	-3736 Jul 20 j 14:35	9°♊19'44	17°56'50
asc. node	-3736 Jul 21 j 04:52	9°♊55'59	
	-3736 Aug 03 j 05:04	0°♋	
morning set	-3736 Aug 05 j 21:11	4°♋47'49	
superior conj	-3736 Aug 16 j 23:04	24°♋20'20	1°28'17
minimum elong	-3736 Aug 17 j 04:03	24°♋41'36	1°27'59
	-3736 Aug 20 j 07:23	0°♌	
max. Earth dist.	-3736 Aug 24 j 01:18	6°♌11'39	1.42841 AU
evening rise	-3736 Aug 31 j 16:43	18°♌24'45	
desc. node	-3736 Sep 01 j 11:25	19°♌37'47	
	-3736 Sep 08 j 05:34	0°♍	
	-3736 Sep 29 j 21:34	0°♎	
evening max el	-3736 Oct 01 j 17:31	1°♎58'04	21°32'11
retrograde	-3736 Oct 10 j 13:56	7°♎13'19	
evening set	-3736 Oct 14 j 18:38	5°♎35'33	
asc. node	-3736 Oct 17 j 03:51	3°♎14'13	
	-3736 Oct 19 j 15:57	30°℞♍	
inferior conj	-3736 Oct 20 j 02:59	29°♍22'05	1°00'15
minimum elong	-3736 Oct 20 j 01:37	29°♍26'46	0°59'41
min. Earth dist.	-3736 Oct 20 j 09:31	28°♍59'35	0.67279 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3736 Oct 25 j 08:26	23°♍06'51	
direct	-3736 Oct 30 j 08:15	20°♍59'59	
morning max el	-3736 Nov 09 j 15:31	27°♍09'09	23°19'03
	-3736 Nov 12 j 07:03	0°♎	
desc. node	-3736 Nov 28 j 11:10	21°♎34'39	
	-3736 Dec 04 j 01:28	0°♏	
morning set	-3736 Dec 14 j 11:49	16°♏44'36	
max. Earth dist.	-3736 Dec 18 j 20:32	24°♏11'06	1.39456 AU
	-3736 Dec 22 j 03:42	0°♐	
superior conj	-3736 Dec 26 j 11:09	7°♐51'07	-1°54'36
minimum elong	-3736 Dec 26 j 12:03	7°♐55'16	1°54'42
evening rise	-3735 Jan 04 j 19:18	25°♐38'27	
	-3735 Jan 07 j 01:51	0°♑	
asc. node	-3735 Jan 13 j 02:55	10°♑59'15	
evening max el	-3735 Jan 21 j 02:57	21°♑54'00	18°35'15
retrograde	-3735 Jan 28 j 20:44	25°♑40'05	
evening set	-3735 Jan 31 j 08:28	25°♑18'06	
inferior conj	-3735 Feb 07 j 21:00	20°♑50'02	3°40'25
minimum elong	-3735 Feb 08 j 00:19	20°♑43'35	3°39'49
min. Earth dist.	-3735 Feb 11 j 06:06	18°♑13'43	0.58415 AU
morning rise	-3735 Feb 15 j 13:47	15°♑30'38	
direct	-3735 Feb 21 j 13:25	14°♑00'23	
desc. node	-3735 Feb 24 j 10:27	14°♑20'57	
morning max el	-3735 Mar 07 j 19:47	21°♑31'40	26°26'54
	-3735 Mar 15 j 05:34	0°♒	
	-3735 Apr 02 j 08:58	0°♓	
morning set	-3735 Apr 05 j 22:27	7°♓16'16	
asc. node	-3735 Apr 11 j 02:26	18°♓21'39	
superior conj	-3735 Apr 12 j 23:01	22°♓25'30	0°19'20
minimum elong	-3735 Apr 12 j 22:10	22°♓20'52	0°19'08
max. Earth dist.	-3735 Apr 13 j 04:36	22°♓56'01	1.32618 AU
	-3735 Apr 16 j 10:29	0°♈	
evening rise	-3735 Apr 19 j 23:35	7°♈31'53	
	-3735 May 01 j 20:39	0°♉	
evening max el	-3735 May 19 j 23:28	24°♉18'04	26°42'14
desc. node	-3735 May 23 j 09:14	27°♉14'59	
	-3735 May 27 j 16:41	0°♊	
retrograde	-3735 Jun 03 j 00:31	1°♊37'34	
	-3735 Jun 09 j 03:27	30°℞♉	
evening set	-3735 Jun 09 j 14:53	29°♉44'30	
min. Earth dist.	-3735 Jun 13 j 12:56	27°♉02'58	0.60270 AU
inferior conj	-3735 Jun 16 j 21:09	24°♉17'44	-4°20'45
minimum elong	-3735 Jun 16 j 21:32	24°♉16'58	4°20'38
morning rise	-3735 Jun 24 j 06:11	19°♉36'13	
direct	-3735 Jun 26 j 18:46	19°♉11'58	
morning max el	-3735 Jul 04 j 02:17	22°♉45'22	18°11'46
asc. node	-3735 Jul 08 j 01:56	27°♉27'04	
	-3735 Jul 09 j 20:01	0°♊	
morning set	-3735 Jul 20 j 02:21	18°♊05'52	
	-3735 Jul 26 j 11:12	0°♋	
superior conj	-3735 Jul 29 j 19:08	6°♋04'26	1°44'41
minimum elong	-3735 Jul 29 j 21:33	6°♋15'17	1°44'44
max. Earth dist.	-3735 Aug 06 j 08:21	19°♋16'19	1.41114 AU
evening rise	-3735 Aug 11 j 13:31	27°♋55'40	
	-3735 Aug 12 j 20:15	0°♌	
desc. node	-3735 Aug 19 j 08:24	10°♌13'44	
	-3735 Sep 01 j 21:17	0°♍	
evening max el	-3735 Sep 14 j 09:37	15°♍24'15	22°50'31
retrograde	-3735 Sep 24 j 08:08	21°♍17'45	
evening set	-3735 Sep 29 j 02:11	19°♍20'43	
inferior conj	-3735 Oct 04 j 09:36	13°♍02'54	0°07'26
minimum elong	-3735 Oct 04 j 09:26	13°♍03'30	0°07'23
transit middle	-3735 Oct 04 j 09:26	13°♍03'30	0°07'23
transit begin	-3735 Oct 04 j 07:01	13°♍11'48	
transit end	-3735 Oct 04 j 11:50	12°♍55'12	
min. Earth dist.	-3735 Oct 04 j 05:50	13°♍15'55	0.67445 AU
asc. node	-3735 Oct 04 j 00:57	13°♍32'44	
morning rise	-3735 Oct 09 j 16:33	6°♍50'11	
direct	-3735 Oct 14 j 01:57	5°♍04'58	
morning max el	-3735 Oct 23 j 04:42	10°♍29'18	21°54'10
	-3735 Nov 07 j 08:32	0°♎	
desc. node	-3735 Nov 15 j 08:08	11°♎48'32	
morning set	-3735 Nov 24 j 11:06	26°♎00'05	
	-3735 Nov 26 j 22:42	0°♏	
max. Earth dist.	-3735 Nov 30 j 20:12	6°♏24'11	1.41486 AU
superior conj	-3735 Dec 08 j 11:43	19°♏28'50	-1°52'29
minimum elong	-3735 Dec 08 j 09:21	19°♏18'26	1°52'30
	-3735 Dec 14 j 08:39	0°♐	
evening rise	-3735 Dec 19 j 01:42	8°♐39'38	
asc. node	-3735 Dec 30 j 23:57	29°♐17'31	
	-3735 Dec 31 j 11:51	0°♑	
evening max el	-3734 Jan 04 j 11:03	4°♑47'07	18°12'13
retrograde	-3734 Jan 11 j 09:48	8°♑17'36	
evening set	-3734 Jan 14 j 00:42	7°♑48'28	
inferior conj	-3734 Jan 20 j 22:35	2°♑58'35	4°01'27
minimum elong	-3734 Jan 20 j 23:07	2°♑57'23	4°01'17
min. Earth dist.	-3734 Jan 24 j 04:33	0°♑04'10	0.60423 AU
	-3734 Jan 24 j 06:30	30°℞♐	
morning rise	-3734 Jan 27 j 19:59	27°♐19'56	
direct	-3734 Feb 03 j 14:23	25°♐11'47	
desc. node	-3734 Feb 11 j 07:32	27°♐41'00	
	-3734 Feb 14 j 13:29	0°♑	
morning max el	-3734 Feb 17 j 18:09	2°♑51'35	27°22'36
	-3734 Mar 09 j 14:45	0°♒	
morning set	-3734 Mar 21 j 06:51	22°♒05'17	
	-3734 Mar 25 j 00:42	0°♓	
max. Earth dist.	-3734 Mar 27 j 17:53	5°♓53'38	1.32578 AU
superior conj	-3734 Mar 28 j 10:36	7°♓25'01	-0°05'36
minimum elong	-3734 Mar 28 j 10:52	7°♓26'25	0°05'36
behind sun begin	-3734 Mar 28 j 06:08	7°♓00'34	
behind sun end	-3734 Mar 28 j 15:35	7°♓52'16	
asc. node	-3734 Mar 28 j 23:25	8°♓35'03	
evening rise	-3734 Apr 04 j 09:41	22°♓28'09	
	-3734 Apr 08 j 01:54	0°♈	
	-3734 Apr 26 j 15:14	0°♉	
evening max el	-3734 May 01 j 20:19	5°♉41'03	25°35'22
desc. node	-3734 May 10 j 06:20	11°♉38'34	
retrograde	-3734 May 15 j 22:08	12°♉53'36	
evening set	-3734 May 21 j 12:47	11°♉38'59	
min. Earth dist.	-3734 May 26 j 08:39	8°♉52'33	0.58251 AU
inferior conj	-3734 May 29 j 14:43	6°♉33'37	-4°07'36
minimum elong	-3734 May 29 j 11:32	6°♉39'20	4°07'10
morning rise	-3734 Jun 06 j 13:01	2°♉13'34	
direct	-3734 Jun 09 j 01:05	1°♉53'43	
morning max el	-3734 Jun 17 j 08:09	5°♉48'06	18°46'49
asc. node	-3734 Jun 24 j 22:58	15°♉47'03	
	-3734 Jul 02 j 18:30	0°♊	
morning set	-3734 Jul 03 j 19:12	2°♊00'01	
superior conj	-3734 Jul 12 j 12:13	18°♊52'33	1°49'05
minimum elong	-3734 Jul 12 j 12:08	18°♊52'11	1°49'14
	-3734 Jul 18 j 12:59	0°♋	
max. Earth dist.	-3734 Jul 19 j 11:07	1°♋38'47	1.39172 AU
evening rise	-3734 Jul 23 j 11:44	8°♋39'37	
	-3734 Aug 05 j 19:02	0°♌	
desc. node	-3734 Aug 06 j 05:24	0°♌38'57	
evening max el	-3734 Aug 27 j 21:43	28°♌51'57	24°11'09
	-3734 Aug 29 j 01:55	0°♍	
retrograde	-3734 Sep 07 j 22:50	5°♍21'25	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3734 Sep 13 j 07:39	3°♍04'50	
	-3734 Sep 16 j 04:50	30°℞♌	
min. Earth dist.	-3734 Sep 18 j 01:34	27°♌33'51	0.67306 AU
inferior conj	-3734 Sep 18 j 15:43	26°♌46'00	-0°46'16
minimum elong	-3734 Sep 18 j 16:49	26°♌42'19	0°45'44
asc. node	-3734 Sep 20 j 22:04	23°♌48'41	
morning rise	-3734 Sep 24 j 01:56	20°♌38'45	
direct	-3734 Sep 27 j 22:28	19°♌13'56	
morning max el	-3734 Oct 06 j 00:32	23°♌57'38	20°37'24
	-3734 Oct 11 j 04:17	0°♍	
	-3734 Oct 31 j 17:50	0°♎	
desc. node	-3734 Nov 02 j 05:06	2°♎16'02	
morning set	-3734 Nov 03 j 12:38	4°♎18'11	
max. Earth dist.	-3734 Nov 13 j 03:27	19°♎31'18	1.43192 AU
superior conj	-3734 Nov 19 j 10:58	29°♎52'44	-1°35'39
minimum elong	-3734 Nov 19 j 04:56	29°♎27'35	1°35'15
	-3734 Nov 19 j 12:43	0°♏	
evening rise	-3734 Dec 01 j 16:48	20°♏55'59	
	-3734 Dec 06 j 20:45	0°♐	
asc. node	-3734 Dec 17 j 20:59	16°♐48'06	
evening max el	-3734 Dec 18 j 22:47	17°♐57'03	18°08'52
retrograde	-3734 Dec 25 j 12:53	21°♐25'24	
evening set	-3734 Dec 28 j 06:54	20°♐48'18	
inferior conj	-3733 Jan 03 j 17:03	15°♐37'16	3°56'54
minimum elong	-3733 Jan 03 j 15:23	15°♐41'34	3°56'36
min. Earth dist.	-3733 Jan 06 j 11:30	12°♐47'34	0.62364 AU
morning rise	-3733 Jan 09 j 22:56	9°♐45'06	
direct	-3733 Jan 17 j 00:21	7°♐08'37	
desc. node	-3733 Jan 29 j 04:36	13°♐13'48	
morning max el	-3733 Jan 30 j 22:46	14°♐53'02	27°43'03
	-3733 Feb 12 j 07:11	0°♑	
	-3733 Mar 02 j 02:18	0°♒	
morning set	-3733 Mar 05 j 10:23	6°♒37'12	
max. Earth dist.	-3733 Mar 11 j 04:00	18°♒37'42	1.32890 AU
superior conj	-3733 Mar 12 j 20:40	22°♒17'02	-0°30'48
minimum elong	-3733 Mar 12 j 22:03	22°♒24'32	0°30'36
asc. node	-3733 Mar 15 j 20:23	28°♒46'12	
	-3733 Mar 16 j 10:01	0°♓	
evening rise	-3733 Mar 19 j 21:17	7°♓25'41	
	-3733 Mar 31 j 19:54	0°♈	
evening max el	-3733 Apr 13 j 12:28	16°♈31'35	24°07'51
retrograde	-3733 Apr 27 j 08:15	23°♈28'02	
desc. node	-3733 Apr 27 j 03:26	23°♈27'57	
evening set	-3733 May 01 j 14:58	22°♈47'12	
min. Earth dist.	-3733 May 08 j 00:04	19°♈41'33	0.56518 AU
inferior conj	-3733 May 10 j 12:09	18°♈07'58	-3°17'51
minimum elong	-3733 May 10 j 06:16	18°♈17'11	3°16'27
morning rise	-3733 May 19 j 00:40	14°♈05'19	
direct	-3733 May 21 j 12:27	13°♈48'54	
morning max el	-3733 May 31 j 05:33	18°♈19'10	19°42'21
	-3733 Jun 09 j 02:42	0°♉	
asc. node	-3733 Jun 11 j 20:01	4°♉44'30	
morning set	-3733 Jun 17 j 20:22	16°♉21'31	
	-3733 Jun 24 j 14:44	0°♊	
superior conj	-3733 Jun 25 j 20:45	2°♊29'10	1°44'16
minimum elong	-3733 Jun 25 j 19:00	2°♊20'31	1°44'18
max. Earth dist.	-3733 Jul 01 j 13:47	13°♊30'10	1.37269 AU
evening rise	-3733 Jul 05 j 10:55	20°♊37'36	
	-3733 Jul 10 j 20:00	0°♋	
desc. node	-3733 Jul 24 j 02:25	20°♋48'01	
	-3733 Jul 30 j 18:06	0°♌	
evening max el	-3733 Aug 10 j 08:20	12°♌22'24	25°26'47
retrograde	-3733 Aug 22 j 09:26	19°♌20'21	
evening set	-3733 Aug 28 j 09:12	16°♌46'35	

min. Earth dist.	-3733 Sep 01 j 18:21	11°♌51'58	0.66847 AU
inferior conj	-3733 Sep 02 j 19:37	10°♌29'58	-1°39'10
minimum elong	-3733 Sep 02 j 21:55	10°♌22'29	1°38'08
asc. node	-3733 Sep 07 j 19:11	4°♌59'07	
morning rise	-3733 Sep 08 j 10:45	4°♌31'13	
direct	-3733 Sep 11 j 20:31	3°♌24'00	
morning max el	-3733 Sep 19 j 03:43	7°♌35'07	19°33'09
	-3733 Oct 05 j 08:37	0°♍	
morning set	-3733 Oct 13 j 13:22	12°♍41'15	
desc. node	-3733 Oct 20 j 02:03	22°♍52'36	
	-3733 Oct 24 j 14:48	0°♎	
max. Earth dist.	-3733 Oct 26 j 16:58	3°♎18'22	1.44354 AU
superior conj	-3733 Oct 30 j 06:49	9°♎00'13	-1°01'57
minimum elong	-3733 Oct 30 j 00:04	8°♎33'15	1°01'11
	-3733 Nov 12 j 03:01	0°♏	
evening rise	-3733 Nov 13 j 11:58	2°♏17'40	
	-3733 Dec 01 j 07:12	0°♐	
evening max el	-3733 Dec 02 j 11:23	1°♐16'37	18°24'24
asc. node	-3733 Dec 04 j 18:05	3°♐16'46	
retrograde	-3733 Dec 09 j 01:20	4°♐53'34	
evening set	-3733 Dec 11 j 23:29	4°♐07'11	
	-3733 Dec 16 j 19:03	30°℞♏	
inferior conj	-3733 Dec 18 j 00:30	28°♏37'14	3°34'36
minimum elong	-3733 Dec 17 j 21:39	28°♏45'24	3°33'57
min. Earth dist.	-3733 Dec 20 j 04:28	26°♏09'18	0.64055 AU
morning rise	-3733 Dec 23 j 19:16	22°♏35'23	
direct	-3733 Dec 30 j 17:59	19°♏45'07	
morning max el	-3732 Jan 13 j 07:20	27°♏28'47	27°27'35
	-3732 Jan 15 j 17:22	0°♐	
desc. node	-3732 Jan 16 j 01:38	0°♐22'43	
	-3732 Feb 05 j 22:53	0°♑	
morning set	-3732 Feb 17 j 06:19	20°♑41'46	
	-3732 Feb 21 j 20:33	0°♒	
max. Earth dist.	-3732 Feb 22 j 06:47	0°♒53'14	1.33592 AU
superior conj	-3732 Feb 25 j 03:20	6°♒54'10	-0°55'22
minimum elong	-3732 Feb 25 j 05:43	7°♒06'53	0°55'03
asc. node	-3732 Mar 01 j 17:23	18°♒50'10	
evening rise	-3732 Mar 03 j 08:32	22°♒16'51	
	-3732 Mar 07 j 03:10	0°♓	
evening max el	-3732 Mar 25 j 05:27	27°♓14'03	22°33'34
	-3732 Mar 28 j 12:04	0°♈	
retrograde	-3732 Apr 07 j 06:10	3°♈36'29	
evening set	-3732 Apr 10 j 07:32	3°♈15'57	
desc. node	-3732 Apr 13 j 00:33	2°♈26'11	
	-3732 Apr 17 j 23:35	30°℞♓	
min. Earth dist.	-3732 Apr 18 j 14:17	29°♓39'12	0.55410 AU
inferior conj	-3732 Apr 19 j 15:46	29°♓02'47	-1°47'49
minimum elong	-3732 Apr 19 j 11:06	29°♓09'27	1°46'21
morning rise	-3732 Apr 28 j 16:35	25°♓05'49	
direct	-3732 May 01 j 06:51	24°♓50'14	
morning max el	-3732 May 12 j 16:25	0°♈10'13	20°57'33
	-3732 May 12 j 12:00	0°♈	
asc. node	-3732 May 28 j 17:02	24°♈09'39	
	-3732 May 31 j 14:57	0°♉	
morning set	-3732 Jun 01 j 03:11	1°♉02'33	
superior conj	-3732 Jun 08 j 16:11	16°♉40'31	1°32'40
minimum elong	-3732 Jun 08 j 13:38	16°♉27'25	1°32'30
max. Earth dist.	-3732 Jun 12 j 22:39	25°♉17'25	1.35613 AU
	-3732 Jun 15 j 08:34	0°♊	
evening rise	-3732 Jun 17 j 06:09	3°♊36'48	
	-3732 Jul 02 j 17:25	0°♋	
desc. node	-3732 Jul 09 j 23:27	10°♋33'40	
evening max el	-3732 Jul 22 j 19:24	25°♋53'18	26°29'31
	-3732 Jul 27 j 15:20	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3732 Aug 04 j 15:20	3°♌08'47	
evening set	-3732 Aug 11 j 04:43	0°♌23'35	
	-3732 Aug 11 j 15:28	30°℞♋	
min. Earth dist.	-3732 Aug 15 j 05:54	26°♋07'00	0.66039 AU
inferior conj	-3732 Aug 16 j 19:26	24°♋12'32	-2°29'24
minimum elong	-3732 Aug 16 j 22:44	24°♋02'28	2°28'07
morning rise	-3732 Aug 22 j 17:02	18°♋25'17	
asc. node	-3732 Aug 24 j 16:18	17°♋38'58	
direct	-3732 Aug 25 j 18:22	17°♋32'17	
morning max el	-3732 Sep 01 j 13:07	21°♋19'31	18°44'04
	-3732 Sep 08 j 08:01	0°♌	
morning set	-3732 Sep 22 j 10:27	22°♌07'23	
	-3732 Sep 27 j 08:57	0°♍	
desc. node	-3732 Oct 05 j 23:00	13°♍35'06	
superior conj	-3732 Oct 08 j 08:14	17°♍20'33	-0°15'08
minimum elong	-3732 Oct 08 j 06:14	17°♍12'42	0°14'49
behind sun begin	-3732 Oct 08 j 01:24	16°♍53'37	
behind sun end	-3732 Oct 08 j 11:05	17°♍31'47	
max. Earth dist.	-3732 Oct 08 j 10:10	17°♍28'10	1.44837 AU
	-3732 Oct 16 j 08:47	0°♎	
evening rise	-3732 Oct 24 j 07:11	12°♎37'22	
	-3732 Nov 04 j 05:08	0°♏	
evening max el	-3732 Nov 14 j 22:21	14°♏41'47	18°57'38
asc. node	-3732 Nov 20 j 15:12	18°♏28'35	
retrograde	-3732 Nov 21 j 19:25	18°♏36'20	
evening set	-3732 Nov 24 j 23:24	17°♏38'42	
inferior conj	-3732 Nov 30 j 17:29	11°♏52'32	3°00'15
minimum elong	-3732 Nov 30 j 14:21	12°♏02'16	2°59'18
min. Earth dist.	-3732 Dec 02 j 06:59	9°♏56'30	0.65412 AU
morning rise	-3732 Dec 06 j 04:57	5°♏43'53	
direct	-3732 Dec 12 j 18:13	2°♏54'18	
morning max el	-3732 Dec 25 j 16:58	10°♏27'06	26°41'03
desc. node	-3731 Jan 01 j 22:41	18°♏40'00	
	-3731 Jan 10 j 06:39	0°♐	
	-3731 Jan 28 j 10:18	0°♑	
morning set	-3731 Jan 30 j 15:09	4°♑07'49	
max. Earth dist.	-3731 Feb 03 j 22:43	12°♑32'16	1.34734 AU
superior conj	-3731 Feb 08 j 04:28	21°♑09'45	-1°18'03
minimum elong	-3731 Feb 08 j 07:33	21°♑25'38	1°17'45
	-3731 Feb 12 j 10:02	0°♒	
evening rise	-3731 Feb 15 j 17:41	6°♒55'45	
asc. node	-3731 Feb 16 j 14:24	8°♒42'28	
	-3731 Feb 28 j 09:52	0°♓	
evening max el	-3731 Mar 07 j 05:30	8°♓15'24	21°05'29
retrograde	-3731 Mar 18 j 19:50	13°♓48'00	
evening set	-3731 Mar 21 j 05:37	13°♓34'33	
inferior conj	-3731 Mar 30 j 11:02	9°♓36'08	0°07'24
minimum elong	-3731 Mar 30 j 11:23	9°♓35'39	0°07'13
transit middle	-3731 Mar 30 j 11:23	9°♓35'39	0°07'13
transit begin	-3731 Mar 30 j 07:44	9°♓40'50	
transit end	-3731 Mar 30 j 15:01	9°♓30'29	
desc. node	-3731 Mar 30 j 21:40	9°♓21'02	
min. Earth dist.	-3731 Mar 31 j 04:28	9°♓11'24	0.55183 AU
morning rise	-3731 Apr 08 j 16:37	5°♓27'37	
direct	-3731 Apr 11 j 18:51	5°♓06'43	
morning max el	-3731 Apr 24 j 16:35	11°♓19'52	22°28'50
	-3731 May 08 j 08:31	0°♈	
asc. node	-3731 May 15 j 14:01	13°♈55'14	
morning set	-3731 May 16 j 13:30	15°♈56'49	
	-3731 May 23 j 04:44	0°♉	
superior conj	-3731 May 23 j 19:06	1°♉16'00	1°16'05
minimum elong	-3731 May 23 j 16:27	1°♉02'01	1°15'46
max. Earth dist.	-3731 May 26 j 17:29	7°♉24'17	1.34312 AU
evening rise	-3731 May 31 j 16:11	17°♉22'07	
	-3731 Jun 07 j 10:25	0°♊	
desc. node	-3731 Jun 26 j 20:33	29°♊45'20	
	-3731 Jun 27 j 01:10	0°♋	
evening max el	-3731 Jul 05 j 06:55	9°♋16'00	27°11'18
retrograde	-3731 Jul 18 j 15:49	16°♋38'30	
evening set	-3731 Jul 25 j 15:28	13°♋51'11	
min. Earth dist.	-3731 Jul 29 j 09:53	10°♋11'55	0.64862 AU
inferior conj	-3731 Jul 31 j 12:52	7°♋48'52	-3°14'41
minimum elong	-3731 Jul 31 j 16:42	7°♋38'06	3°13'30
morning rise	-3731 Aug 06 j 18:28	2°♋16'22	
direct	-3731 Aug 09 j 13:47	1°♋34'21	
asc. node	-3731 Aug 11 j 13:24	1°♋55'17	
morning max el	-3731 Aug 16 j 02:31	5°♋05'53	18°11'39
	-3731 Sep 01 j 17:32	0°♌	
morning set	-3731 Sep 03 j 11:04	2°♌53'29	
superior conj	-3731 Sep 17 j 12:08	25°♌52'25	0°33'32
minimum elong	-3731 Sep 17 j 16:05	26°♌08'10	0°33'07
	-3731 Sep 20 j 02:17	0°♍	
max. Earth dist.	-3731 Sep 21 j 04:10	1°♍42'33	1.44592 AU
desc. node	-3731 Sep 22 j 19:59	4°♍19'53	
evening rise	-3731 Oct 04 j 02:22	21°♍56'18	
	-3731 Oct 09 j 07:19	0°♎	
greatest brilliancy	-3731 Oct 16 j 17:25	11°♎20'32	-0.7m
evening max el	-3731 Oct 29 j 05:23	28°♎08'40	19°47'04
	-3731 Oct 31 j 04:50	0°♏	
retrograde	-3731 Nov 05 j 16:09	2°♏29'00	
asc. node	-3731 Nov 07 j 12:19	2°♏09'22	
evening set	-3731 Nov 09 j 04:05	1°♏17'37	
	-3731 Nov 10 j 17:52	30°℞♎	
inferior conj	-3731 Nov 14 j 17:04	25°♎18'12	2°17'42
minimum elong	-3731 Nov 14 j 14:18	25°♎27'18	2°16'41
min. Earth dist.	-3731 Nov 15 j 17:23	23°♎58'20	0.66409 AU
morning rise	-3731 Nov 20 j 00:18	19°♎05'10	
direct	-3731 Nov 26 j 00:05	16°♎27'34	
morning max el	-3731 Dec 08 j 01:56	23°♎36'25	25°31'38
	-3731 Dec 13 j 19:26	0°♏	
desc. node	-3731 Dec 19 j 19:42	7°♏45'17	
	-3730 Jan 03 j 15:43	0°♐	
morning set	-3730 Jan 13 j 08:11	16°♐41'24	
max. Earth dist.	-3730 Jan 17 j 03:06	23°♐42'56	1.36323 AU
	-3730 Jan 20 j 09:31	0°♑	
superior conj	-3730 Jan 22 j 21:23	4°♑55'37	-1°37'14
minimum elong	-3730 Jan 23 j 00:30	5°♑11'08	1°37'04
evening rise	-3730 Jan 30 j 22:44	21°♑16'17	
asc. node	-3730 Feb 03 j 11:27	28°♑17'53	
	-3730 Feb 04 j 08:38	0°♒	
evening max el	-3730 Feb 17 j 15:47	19°♒50'10	19°52'07
retrograde	-3730 Feb 27 j 13:17	24°♒32'03	
evening set	-3730 Mar 01 j 20:29	24°♒17'58	
inferior conj	-3730 Mar 10 j 12:02	20°♒16'28	1°56'13
minimum elong	-3730 Mar 10 j 16:28	20°♒09'35	1°54'46
min. Earth dist.	-3730 Mar 12 j 18:41	18°♒52'18	0.55882 AU
desc. node	-3730 Mar 17 j 18:46	16°♒16'21	
morning rise	-3730 Mar 19 j 10:12	15°♒41'52	
direct	-3730 Mar 23 j 12:34	15°♒04'37	
morning max el	-3730 Apr 06 j 09:12	22°♒00'16	24°08'04
	-3730 Apr 13 j 08:31	0°♓	
	-3730 Apr 30 j 14:22	0°♈	
morning set	-3730 May 01 j 01:34	0°♈58'36	
asc. node	-3730 May 02 j 11:02	3°♈55'26	
superior conj	-3730 May 08 j 02:58	16°♈07'41	0°55'55
minimum elong	-3730 May 08 j 00:45	15°♈55'45	0°55'33
max. Earth dist.	-3730 May 09 j 21:48	19°♈57'43	1.33377 AU
	-3730 May 14 j 16:56	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3730 May 15 j 12:47	1°♉40'37	
	-3730 May 31 j 08:16	0°♊	
desc. node	-3730 Jun 13 j 17:36	18°♊08'47	
evening max el	-3730 Jun 17 j 17:09	22°♊18'32	27°25'17
retrograde	-3730 Jul 01 j 10:14	29°♊41'40	
evening set	-3730 Jul 08 j 14:11	27°♊04'29	
min. Earth dist.	-3730 Jul 12 j 04:27	23°♊57'32	0.63316 AU
inferior conj	-3730 Jul 14 j 21:18	21°♊13'48	-3°51'46
minimum elong	-3730 Jul 15 j 00:50	21°♊04'52	3°50'59
morning rise	-3730 Jul 21 j 12:24	15°♊59'18	
direct	-3730 Jul 24 j 03:51	15°♊25'35	
asc. node	-3730 Jul 29 j 10:28	17°♊39'34	
morning max el	-3730 Jul 30 j 17:28	18°♊49'53	17°56'54
	-3730 Aug 07 j 21:09	0°♋	
morning set	-3730 Aug 16 j 12:23	14°♋50'21	
	-3730 Aug 25 j 07:07	0°♌	
superior conj	-3730 Aug 28 j 13:54	5°♌30'20	1°12'25
minimum elong	-3730 Aug 28 j 19:38	5°♌54'11	1°11'56
max. Earth dist.	-3730 Sep 03 j 19:55	15°♌43'41	1.43656 AU
desc. node	-3730 Sep 09 j 16:58	25°♌03'57	
	-3730 Sep 12 j 20:54	0°♍	
evening rise	-3730 Sep 13 j 07:20	0°♍40'27	
	-3730 Oct 03 j 00:13	0°♎	
evening max el	-3730 Oct 12 j 06:47	11°♎35'10	20°50'31
retrograde	-3730 Oct 20 j 13:19	16°♎28'37	
evening set	-3730 Oct 24 j 11:22	15°♎00'57	
asc. node	-3730 Oct 25 j 09:26	14°♎14'52	
inferior conj	-3730 Oct 29 j 20:56	8°♎51'31	1°29'37
minimum elong	-3730 Oct 29 j 18:58	8°♎58'11	1°28'49
min. Earth dist.	-3730 Oct 30 j 09:32	8°♎08'33	0.67057 AU
morning rise	-3730 Nov 04 j 02:25	2°♎36'28	
direct	-3730 Nov 09 j 10:58	0°♎17'40	
morning max el	-3730 Nov 20 j 10:39	6°♎50'43	24°08'53
desc. node	-3730 Dec 06 j 16:42	27°♎24'46	
	-3730 Dec 08 j 11:32	0°♏	
morning set	-3730 Dec 26 j 03:30	28°♏06'37	
	-3730 Dec 27 j 05:39	0°♐	
max. Earth dist.	-3730 Dec 30 j 00:07	4°♐53'36	1.38265 AU
superior conj	-3729 Jan 06 j 02:28	18°♐01'44	-1°50'38
minimum elong	-3729 Jan 06 j 04:34	18°♐11'48	1°50'40
	-3729 Jan 12 j 06:06	0°♑	
evening rise	-3729 Jan 14 j 21:23	5°♑12'00	
asc. node	-3729 Jan 21 j 08:29	17°♑29'58	
	-3729 Jan 29 j 14:51	0°♒	
evening max el	-3729 Jan 31 j 12:12	1°♒59'59	18°57'29
retrograde	-3729 Feb 08 j 22:03	6°♒02'23	
evening set	-3729 Feb 11 j 07:47	5°♒43'56	
inferior conj	-3729 Feb 19 j 05:51	1°♒26'59	3°13'20
minimum elong	-3729 Feb 19 j 10:25	1°♒18'49	3°12'14
	-3729 Feb 21 j 06:32	30°℞♑	
min. Earth dist.	-3729 Feb 22 j 10:07	29°♑12'05	0.57343 AU
morning rise	-3729 Feb 27 j 10:27	26°♑22'13	
direct	-3729 Mar 04 j 18:25	25°♑14'30	
desc. node	-3729 Mar 04 j 15:53	25°♑14'32	
	-3729 Mar 16 j 01:20	0°♒	
morning max el	-3729 Mar 19 j 00:16	2°♒36'36	25°41'47
	-3729 Apr 07 j 10:18	0°♓	
morning set	-3729 Apr 15 j 13:35	16°♓00'33	
asc. node	-3729 Apr 19 j 08:01	24°♓04'14	
	-3729 Apr 22 j 01:18	0°♈	
superior conj	-3729 Apr 22 j 13:38	1°♈07'16	0°33'13
minimum elong	-3729 Apr 22 j 12:13	0°♈59'32	0°32'55
max. Earth dist.	-3729 Apr 23 j 08:24	2°♈49'35	1.32794 AU
evening rise	-3729 Apr 29 j 16:31	16°♈20'16	
	-3729 May 06 j 15:50	0°♉	
	-3729 May 26 j 11:08	0°♊	
evening max el	-3729 May 30 j 23:22	4°♊46'46	27°07'17
desc. node	-3729 May 31 j 14:40	5°♊22'45	
retrograde	-3729 Jun 13 j 21:56	12°♊08'25	
evening set	-3729 Jun 20 j 20:50	9°♊55'20	
min. Earth dist.	-3729 Jun 24 j 12:53	7°♊09'25	0.61443 AU
inferior conj	-3729 Jun 27 j 17:26	4°♊18'56	-4°15'45
minimum elong	-3729 Jun 27 j 19:24	4°♊14'32	4°15'28
	-3729 Jul 03 j 11:18	30°℞♉	
morning rise	-3729 Jul 04 j 19:32	29°♉25'13	
direct	-3729 Jul 07 j 08:51	28°♉57'56	
	-3729 Jul 11 j 03:25	0°♊	
morning max el	-3729 Jul 14 j 07:11	2°♊24'33	18°00'48
asc. node	-3729 Jul 16 j 07:32	4°♊36'01	
morning set	-3729 Jul 30 j 08:49	27°♊42'21	
	-3729 Jul 31 j 14:51	0°♋	
superior conj	-3729 Aug 09 j 19:22	16°♋30'56	1°36'53
minimum elong	-3729 Aug 09 j 23:20	16°♋48'18	1°36'45
max. Earth dist.	-3729 Aug 17 j 06:19	29°♋12'12	1.42152 AU
	-3729 Aug 17 j 17:52	0°♌	
evening rise	-3729 Aug 23 j 17:05	9°♌39'32	
desc. node	-3729 Aug 27 j 13:56	15°♌43'52	
	-3729 Sep 06 j 00:46	0°♍	
evening max el	-3729 Sep 25 j 01:54	25°♍00'37	22°04'46
	-3729 Oct 01 j 18:11	0°♎	
retrograde	-3729 Oct 04 j 09:07	0°♎32'23	
	-3729 Oct 06 j 20:27	30°℞♍	
evening set	-3729 Oct 08 j 19:20	28°♍46'21	
asc. node	-3729 Oct 12 j 06:32	25°♍01'13	
inferior conj	-3729 Oct 14 j 03:04	22°♍30'22	0°38'01
minimum elong	-3729 Oct 14 j 02:12	22°♍33'23	0°37'40
min. Earth dist.	-3729 Oct 14 j 05:05	22°♍23'23	0.67385 AU
morning rise	-3729 Oct 19 j 08:56	16°♍15'56	
direct	-3729 Oct 24 j 02:21	14°♍18'35	
morning max el	-3729 Nov 02 j 21:26	20°♍08'46	22°42'22
	-3729 Nov 11 j 04:53	0°♎	
desc. node	-3729 Nov 23 j 13:42	17°♎28'27	
	-3729 Dec 01 j 17:29	0°♏	
morning set	-3729 Dec 06 j 19:28	8°♏10'28	
max. Earth dist.	-3729 Dec 11 j 20:52	16°♏37'31	1.40337 AU
	-3729 Dec 19 j 11:31	0°♐	
superior conj	-3729 Dec 19 j 15:02	0°♐15'55	-1°55'15
minimum elong	-3729 Dec 19 j 14:43	0°♐14'26	1°55'23
evening rise	-3729 Dec 29 j 10:46	18°♐35'54	
	-3728 Jan 04 j 14:06	0°♑	
asc. node	-3728 Jan 08 j 05:32	6°♑11'07	
evening max el	-3728 Jan 14 j 16:50	14°♑39'58	18°22'59
retrograde	-3728 Jan 22 j 01:25	18°♑18'03	
evening set	-3728 Jan 24 j 14:21	17°♑53'17	
inferior conj	-3728 Jan 31 j 20:18	13°♑15'58	3°53'03
minimum elong	-3728 Jan 31 j 22:26	13°♑11'32	3°52'42
min. Earth dist.	-3728 Feb 04 j 05:27	10°♑28'51	0.59252 AU
morning rise	-3728 Feb 08 j 04:25	7°♑47'09	
direct	-3728 Feb 14 j 13:12	6°♑00'15	
desc. node	-3728 Feb 19 j 12:59	7°♑02'43	
morning max el	-3728 Feb 28 j 19:21	13°♑36'33	26°54'41
	-3728 Mar 12 j 20:45	0°♒	
morning set	-3728 Mar 29 j 23:50	0°♓56'24	
	-3728 Mar 29 j 12:58	0°♓	
asc. node	-3728 Apr 05 j 05:00	14°♓17'18	
superior conj	-3728 Apr 06 j 01:22	16°♓08'43	0°08'53
minimum elong	-3728 Apr 06 j 00:58	16°♓06'33	0°08'45
behind sun begin	-3728 Apr 05 j 20:47	15°♓43'38	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

behind sun end	-3728 Apr 06 j 05:09	16°♓29'29	
max. Earth dist.	-3728 Apr 05 j 21:37	15°♓48'15	1.32555 AU
	-3728 Apr 12 j 11:06	0°♈	
evening rise	-3728 Apr 13 j 00:54	1°♈12'32	
	-3728 Apr 28 j 19:33	0°♉	
evening max el	-3728 May 11 j 23:37	16°♉32'58	26°16'57
desc. node	-3728 May 17 j 11:45	20°♉58'35	
retrograde	-3728 May 26 j 01:41	23°♉51'03	
evening set	-3728 Jun 01 j 07:23	22°♉13'50	
min. Earth dist.	-3728 Jun 05 j 12:33	19°♉32'18	0.59396 AU
inferior conj	-3728 Jun 08 j 21:39	16°♉55'15	-4°19'03
minimum elong	-3728 Jun 08 j 20:35	16°♉57'19	4°18'54
morning rise	-3728 Jun 16 j 12:12	12°♉23'23	
direct	-3728 Jun 19 j 00:25	12°♉01'15	
morning max el	-3728 Jun 26 j 16:49	15°♉41'51	18°24'13
asc. node	-3728 Jul 02 j 04:34	22°♉29'23	
	-3728 Jul 06 j 17:57	0°♊	
morning set	-3728 Jul 12 j 19:23	11°♊16'40	
superior conj	-3728 Jul 22 j 01:05	28°♊44'29	1°47'51
minimum elong	-3728 Jul 22 j 02:22	28°♊50'22	1°47'58
	-3728 Jul 22 j 17:33	0°♋	
max. Earth dist.	-3728 Jul 29 j 10:40	11°♋56'37	1.40295 AU
evening rise	-3728 Aug 03 j 00:08	19°♋39'43	
	-3728 Aug 09 j 09:46	0°♌	
desc. node	-3728 Aug 13 j 10:54	6°♌15'46	
	-3728 Aug 30 j 07:28	0°♍	
evening max el	-3728 Sep 06 j 15:50	8°♍26'45	23°24'57
retrograde	-3728 Sep 17 j 02:05	14°♍36'57	
evening set	-3728 Sep 22 j 02:12	12°♍31'33	
inferior conj	-3728 Sep 27 j 09:41	6°♍12'38	-0°15'23
minimum elong	-3728 Sep 27 j 10:03	6°♍11'24	0°15'10
transit middle	-3728 Sep 27 j 10:03	6°♍11'24	0°15'10
transit begin	-3728 Sep 27 j 09:02	6°♍14'52	
transit end	-3728 Sep 27 j 11:03	6°♍07'56	
min. Earth dist.	-3728 Sep 27 j 01:32	6°♍40'36	0.67417 AU
asc. node	-3728 Sep 28 j 03:39	5°♍11'17	
morning rise	-3728 Oct 02 j 17:48	0°♍01'40	
	-3728 Oct 02 j 18:40	30°℞♌	
direct	-3728 Oct 06 j 21:24	28°♌25'30	
	-3728 Oct 11 j 09:29	0°♍	
morning max el	-3728 Oct 15 j 13:14	3°♍32'19	21°20'09
	-3728 Nov 04 j 06:40	0°♎	
desc. node	-3728 Nov 09 j 10:38	7°♎48'40	
morning set	-3728 Nov 15 j 07:41	16°♎55'54	
max. Earth dist.	-3728 Nov 22 j 23:06	29°♎12'17	1.42261 AU
	-3728 Nov 23 j 10:43	0°♏	
superior conj	-3728 Nov 30 j 05:23	11°♏23'23	-1°47'21
minimum elong	-3728 Nov 30 j 01:22	11°♏06'08	1°47'13
	-3728 Dec 10 j 17:43	0°♐	
evening rise	-3728 Dec 11 j 11:09	1°♐18'55	
asc. node	-3728 Dec 25 j 02:36	24°♐10'53	
evening max el	-3728 Dec 28 j 02:50	27°♐41'19	18°08'29
	-3728 Dec 31 j 00:16	0°♑	
retrograde	-3727 Jan 03 j 20:50	1°♑09'22	
evening set	-3727 Jan 06 j 12:57	0°♑37'04	
	-3727 Jan 07 j 19:48	30°℞♐	
inferior conj	-3727 Jan 13 j 05:32	25°♐38'21	4°02'04
minimum elong	-3727 Jan 13 j 05:01	25°♐39'37	4°01'55
min. Earth dist.	-3727 Jan 16 j 07:26	22°♐43'02	0.61271 AU
morning rise	-3727 Jan 19 j 19:46	19°♐53'16	
direct	-3727 Jan 26 j 18:36	17°♐31'04	
desc. node	-3727 Feb 05 j 10:03	21°♐23'29	
morning max el	-3727 Feb 09 j 20:29	25°♐14'05	27°35'41
	-3727 Feb 14 j 06:35	0°♑	
	-3727 Mar 06 j 04:38	0°♒	
morning set	-3727 Mar 14 j 06:25	15°♒38'59	
max. Earth dist.	-3727 Mar 20 j 09:49	28°♒40'38	1.32661 AU
	-3727 Mar 21 j 00:25	0°♓	
superior conj	-3727 Mar 21 j 12:30	1°♓05'51	-0°16'17
minimum elong	-3727 Mar 21 j 13:15	1°♓09'52	0°16'13
asc. node	-3727 Mar 23 j 02:00	4°♓30'21	
evening rise	-3727 Mar 28 j 11:51	16°♓09'57	
	-3727 Apr 04 j 10:14	0°♈	
evening max el	-3727 Apr 23 j 18:06	27°♈40'18	24°59'58
	-3727 Apr 26 j 09:26	0°♉	
desc. node	-3727 May 04 j 08:51	4°♉20'41	
retrograde	-3727 May 07 j 19:00	4°♉47'59	
evening set	-3727 May 12 j 20:14	3°♉49'17	
min. Earth dist.	-3727 May 18 j 06:22	0°♉55'52	0.57451 AU
	-3727 May 19 j 16:01	30°℞♈	
inferior conj	-3727 May 21 j 06:46	28°♈54'17	-3°51'31
minimum elong	-3727 May 21 j 02:08	29°♈02'07	3°50'42
morning rise	-3727 May 29 j 11:03	24°♈42'19	
direct	-3727 May 31 j 22:43	24°♈24'12	
morning max el	-3727 Jun 09 j 19:24	28°♈32'34	19°07'57
	-3727 Jun 11 j 06:07	0°♉	
asc. node	-3727 Jun 19 j 01:35	11°♉06'48	
morning set	-3727 Jun 26 j 16:11	25°♉23'46	
	-3727 Jun 28 j 23:54	0°♊	
superior conj	-3727 Jul 05 j 01:23	11°♊55'20	1°48'01
minimum elong	-3727 Jul 05 j 00:29	11°♊50'59	1°48'08
max. Earth dist.	-3727 Jul 11 j 12:27	24°♊02'45	1.38341 AU
	-3727 Jul 14 j 20:27	0°♋	
evening rise	-3727 Jul 15 j 09:31	0°♋57'12	
desc. node	-3727 Jul 31 j 07:55	26°♋35'19	
	-3727 Aug 02 j 15:57	0°♌	
evening max el	-3727 Aug 20 j 03:10	21°♌56'52	24°44'28
retrograde	-3727 Aug 31 j 15:11	28°♌39'42	
evening set	-3727 Sep 06 j 06:16	26°♌15'40	
min. Earth dist.	-3727 Sep 10 j 20:27	20°♌59'35	0.67150 AU
inferior conj	-3727 Sep 11 j 15:08	19°♌57'22	-1°08'54
minimum elong	-3727 Sep 11 j 16:45	19°♌51'58	1°08'07
asc. node	-3727 Sep 15 j 00:45	15°♌45'25	
morning rise	-3727 Sep 17 j 03:13	13°♌53'05	
direct	-3727 Sep 20 j 18:55	12°♌35'58	
morning max el	-3727 Sep 28 j 12:09	17°♌04'55	20°08'16
	-3727 Oct 08 j 14:12	0°♍	
morning set	-3727 Oct 25 j 05:49	25°♍07'34	
desc. node	-3727 Oct 27 j 07:36	28°♍20'52	
	-3727 Oct 28 j 09:03	0°♎	
max. Earth dist.	-3727 Nov 05 j 09:03	12°♎37'59	1.43770 AU
superior conj	-3727 Nov 10 j 16:53	21°♎14'41	-1°23'24
minimum elong	-3727 Nov 10 j 09:56	20°♎46'18	1°22'46
	-3727 Nov 15 j 23:53	0°♏	
evening rise	-3727 Nov 23 j 18:21	13°♏13'09	
	-3727 Dec 03 j 15:36	0°♐	
evening max el	-3727 Dec 11 j 15:21	10°♐56'36	18°13'16
asc. node	-3727 Dec 11 j 23:41	11°♐17'13	
retrograde	-3727 Dec 18 j 04:16	14°♐26'58	
evening set	-3727 Dec 20 j 23:59	13°♐46'00	
inferior conj	-3727 Dec 27 j 05:58	8°♐26'45	3°49'09
minimum elong	-3727 Dec 27 j 03:40	8°♐32'57	3°48'43
min. Earth dist.	-3727 Dec 29 j 18:27	5°♐44'41	0.63132 AU
morning rise	-3726 Jan 02 j 06:39	2°♐30'22	
	-3726 Jan 07 j 05:55	30°℞♏	
direct	-3726 Jan 09 j 08:09	29°♏45'59	
	-3726 Jan 11 j 11:57	0°♐	
morning max el	-3726 Jan 23 j 02:51	7°♐30'24	27°40'32
desc. node	-3726 Jan 23 j 07:08	7°♐40'59	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3726 Feb 09 j 10:55	0°♉		
morning set	-3726 Feb 26 j 07:04	0°♒00'11		
	-3726 Feb 26 j 07:01	0°♒		
max. Earth dist.	-3726 Mar 03 j 17:10	11°♒13'18	1.33139 AU	
superior conj	-3726 Mar 05 j 21:22	15°♒52'25	-0°41'22	
minimum elong	-3726 Mar 05 j 23:12	16°♒02'19	0°41'07	
asc. node	-3726 Mar 09 j 23:00	24°♒39'09		
	-3726 Mar 12 j 11:04	0°♓		
evening rise	-3726 Mar 12 j 23:32	1°♓05'42		
	-3726 Mar 29 j 05:29	0°♈		
evening max el	-3726 Apr 05 j 10:00	8°♈24'38	23°27'48	
retrograde	-3726 Apr 18 j 23:24	15°♈08'12		
desc. node	-3726 Apr 21 j 05:58	14°♈56'43		
evening set	-3726 Apr 22 j 16:32	14°♈37'58		
min. Earth dist.	-3726 Apr 29 j 21:03	11°♈20'47	0.55950 AU	
inferior conj	-3726 May 01 j 19:59	10°♈10'58	-2°44'13	
minimum elong	-3726 May 01 j 14:01	10°♈19'53	2°42'35	
morning rise	-3726 May 10 j 14:10	6°♈12'17		
direct	-3726 May 13 j 02:32	5°♈56'33		
morning max el	-3726 May 23 j 12:22	10°♈46'49	20°12'05	
asc. node	-3726 Jun 05 j 22:37	0°♉17'08		
	-3726 Jun 05 j 18:58	0°♉		
morning set	-3726 Jun 10 j 20:04	9°♉54'40		
superior conj	-3726 Jun 18 j 15:01	25°♉47'59	1°40'04	
minimum elong	-3726 Jun 18 j 12:50	25°♉36'59	1°40'01	
	-3726 Jun 20 j 17:31	0°♊		
max. Earth dist.	-3726 Jun 23 j 17:26	5°♊50'31	1.36527 AU	
evening rise	-3726 Jun 27 j 17:55	13°♊23'14		
	-3726 Jul 07 j 08:06	0°♋		
desc. node	-3726 Jul 18 j 04:57	16°♋35'37		
	-3726 Jul 28 j 12:00	0°♌		
evening max el	-3726 Aug 02 j 14:04	5°♌29'03	25°55'35	
retrograde	-3726 Aug 14 j 23:39	12°♌34'59		
evening set	-3726 Aug 21 j 05:31	9°♌55'42		
min. Earth dist.	-3726 Aug 25 j 11:17	5°♌17'08	0.66552 AU	
inferior conj	-3726 Aug 26 j 17:32	3°♌41'19	-2°00'52	
minimum elong	-3726 Aug 26 j 20:18	3°♌32'33	1°59'43	
	-3726 Aug 29 j 20:15	30°℞♋		
morning rise	-3726 Sep 01 j 11:14	27°♋47'00		
asc. node	-3726 Sep 01 j 21:51	27°♋31'33		
direct	-3726 Sep 04 j 17:13	26°♋46'04		
	-3726 Sep 10 j 23:34	0°♌		
morning max el	-3726 Sep 11 j 18:08	0°♌45'35	19°10'19	
	-3726 Oct 02 j 01:59	0°♍		
morning set	-3726 Oct 04 j 13:27	3°♍53'20		
desc. node	-3726 Oct 14 j 04:35	19°♍00'36		
max. Earth dist.	-3726 Oct 19 j 01:00	26°♍39'02	1.44656 AU	
superior conj	-3726 Oct 21 j 02:59	29°♍56'41	-0°43'09	
minimum elong	-3726 Oct 20 j 21:40	29°♍35'39	0°42'29	
	-3726 Oct 21 j 03:49	0°♎		
evening rise	-3726 Nov 05 j 03:44	24°♎09'39		
	-3726 Nov 08 j 17:05	0°♏		
evening max el	-3726 Nov 25 j 03:36	24°♏19'35	18°36'24	
asc. node	-3726 Nov 28 j 20:46	27°♏15'37		
retrograde	-3726 Dec 01 j 19:34	28°♏02'45		
evening set	-3726 Dec 04 j 20:04	27°♏11'39		
inferior conj	-3726 Dec 10 j 17:53	21°♏34'15	3°21'15	
minimum elong	-3726 Dec 10 j 14:48	21°♏43'22	3°20'26	
min. Earth dist.	-3726 Dec 12 j 15:28	19°♏19'23	0.64681 AU	
morning rise	-3726 Dec 16 j 09:08	15°♏29'24		
direct	-3726 Dec 23 j 04:29	12°♏38'07		
morning max el	-3725 Jan 05 j 12:12	20°♏17'42	27°11'13	
desc. node	-3725 Jan 10 j 04:12	25°♏22'20		
	-3725 Jan 13 j 22:11	0°♐		

	-3725 Feb 02 j 11:36	0°♉		
morning set	-3725 Feb 09 j 22:49	13°♉50'25		
max. Earth dist.	-3725 Feb 14 j 15:59	23°♉15'36	1.34027 AU	
	-3725 Feb 17 j 21:51	0°♒		
superior conj	-3725 Feb 18 j 02:01	0°♒21'56	-1°05'19	
minimum elong	-3725 Feb 18 j 04:45	0°♒36'20	1°04'58	
asc. node	-3725 Feb 24 j 20:02	14°♒39'24		
evening rise	-3725 Feb 25 j 10:10	15°♒53'21		
	-3725 Mar 04 j 13:53	0°♓		
evening max el	-3725 Mar 18 j 05:21	19°♓12'42	21°54'40	
retrograde	-3725 Mar 30 j 16:37	25°♓15'12		
evening set	-3725 Apr 02 j 09:46	24°♓58'46		
desc. node	-3725 Apr 08 j 03:05	22°♓52'31		
inferior conj	-3725 Apr 11 j 18:30	20°♓53'51	-1°00'24	
minimum elong	-3725 Apr 11 j 15:43	20°♓57'46	0°59'27	
min. Earth dist.	-3725 Apr 11 j 10:51	21°♓04'37	0.55199 AU	
morning rise	-3725 Apr 20 j 22:42	16°♓54'40		
direct	-3725 Apr 23 j 16:43	16°♓37'48		
morning max el	-3725 May 05 j 18:33	22°♓20'04	21°34'49	
	-3725 May 12 j 08:07	0°♈		
asc. node	-3725 May 23 j 19:39	19°♈52'16		
morning set	-3725 May 26 j 04:38	24°♈42'39		
	-3725 May 28 j 17:30	0°♉		
superior conj	-3725 Jun 02 j 14:01	10°♉11'03	1°26'08	
minimum elong	-3725 Jun 02 j 11:21	9°♉57'11	1°25'55	
max. Earth dist.	-3725 Jun 06 j 06:37	17°♉45'28	1.35014 AU	
evening rise	-3725 Jun 10 j 20:02	26°♉43'44		
	-3725 Jun 12 j 13:29	0°♊		
	-3725 Jun 30 j 16:03	0°♋		
desc. node	-3725 Jul 05 j 01:59	6°♋08'13		
evening max el	-3725 Jul 16 j 01:22	18°♋57'25	26°50'11	
retrograde	-3725 Jul 29 j 03:09	26°♋16'34		
evening set	-3725 Aug 04 j 21:39	23°♋28'53		
min. Earth dist.	-3725 Aug 08 j 19:42	19°♋28'46	0.65591 AU	
inferior conj	-3725 Aug 10 j 14:54	17°♋21'25	-2°49'21	
minimum elong	-3725 Aug 10 j 18:31	17°♋10'46	2°48'05	
morning rise	-3725 Aug 16 j 15:45	11°♋40'18		
direct	-3725 Aug 19 j 14:18	10°♋52'18		
asc. node	-3725 Aug 19 j 18:58	10°♋52'31		
morning max el	-3725 Aug 26 j 05:34	14°♋31'30	18°28'13	
	-3725 Sep 06 j 08:27	0°♌		
morning set	-3725 Sep 14 j 22:07	13°♌53'28		
	-3725 Sep 24 j 22:03	0°♍		
superior conj	-3725 Sep 30 j 02:28	8°♍13'19	0°06'08	
minimum elong	-3725 Sep 30 j 03:16	8°♍16'29	0°06'05	
behind sun begin	-3725 Sep 29 j 16:42	7°♍34'44		
behind sun end	-3725 Sep 30 j 13:50	8°♍58'12		
desc. node	-3725 Oct 01 j 01:32	9°♍44'24		
max. Earth dist.	-3725 Oct 01 j 19:19	10°♍54'30	1.44821 AU	
	-3725 Oct 13 j 22:40	0°♎		
evening rise	-3725 Oct 16 j 12:19	4°♎02'40		
greatest brilliancy	-3725 Oct 26 j 06:39	19°♎22'17	-0.8m	
	-3725 Nov 02 j 08:45	0°♏		
evening max el	-3725 Nov 08 j 13:05	7°♏45'39	19°16'44	
retrograde	-3725 Nov 15 j 15:15	11°♏50'31		
asc. node	-3725 Nov 15 j 17:53	11°♏50'27		
evening set	-3725 Nov 18 j 22:19	10°♏47'18		
inferior conj	-3725 Nov 24 j 13:59	4°♏54'49	2°43'04	
minimum elong	-3725 Nov 24 j 10:57	5°♏04'32	2°42'02	
min. Earth dist.	-3725 Nov 25 j 21:36	3°♏14'05	0.65874 AU	
	-3725 Nov 28 j 15:50	30°℞♎		
morning rise	-3725 Nov 29 j 23:18	28°♎43'53		
direct	-3725 Dec 06 j 07:01	25°♎58'34		
	-3725 Dec 15 j 04:29	0°♏		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3725 Dec 18 j 21:56	3°♏23'06	26°13'54
desc. node	-3725 Dec 28 j 01:14	14°♏02'18	
	-3724 Jan 08 j 05:30	0°♐	
morning set	-3724 Jan 24 j 01:36	26°♐56'27	
	-3724 Jan 25 j 16:35	0°♑	
max. Earth dist.	-3724 Jan 28 j 03:11	4°♑42'17	1.35359 AU
superior conj	-3724 Feb 02 j 00:01	14°♑25'59	-1°26'45
minimum elong	-3724 Feb 02 j 03:12	14°♑42'15	1°26'28
evening rise	-3724 Feb 09 j 17:51	0°♒25'33	
	-3724 Feb 09 j 12:53	0°♒	
asc. node	-3724 Feb 11 j 17:03	4°♒25'28	
	-3724 Feb 27 j 22:20	0°♓	
evening max el	-3724 Feb 28 j 09:25	0°♓26'52	20°32'05
retrograde	-3724 Mar 10 j 06:44	5°♓37'49	
evening set	-3724 Mar 12 j 14:05	5°♓24'49	
inferior conj	-3724 Mar 21 j 14:29	1°♓26'43	0°56'14
minimum elong	-3724 Mar 21 j 16:57	1°♓23'05	0°55'19
min. Earth dist.	-3724 Mar 23 j 01:00	0°♓36'22	0.55370 AU
	-3724 Mar 24 j 02:28	30°♓℞	
desc. node	-3724 Mar 25 j 00:13	29°♒30'04	
morning rise	-3724 Mar 30 j 18:28	27°♒08'21	
direct	-3724 Apr 03 j 05:21	26°♒42'23	
	-3724 Apr 12 j 15:29	0°♓	
morning max el	-3724 Apr 16 j 15:05	3°♓15'34	23°10'48
	-3724 May 04 j 20:51	0°♈	
morning set	-3724 May 09 j 15:54	9°♈40'48	
asc. node	-3724 May 09 j 16:39	9°♈44'44	
superior conj	-3724 May 16 j 19:20	24°♈54'28	1°07'54
minimum elong	-3724 May 16 j 16:49	24°♈41'04	1°07'33
max. Earth dist.	-3724 May 19 j 05:31	0°♉02'39	1.33865 AU
	-3724 May 19 j 05:01	0°♉	
evening rise	-3724 May 24 j 10:59	10°♉44'20	
	-3724 Jun 03 j 21:46	0°♊	
desc. node	-3724 Jun 20 j 23:02	25°♊01'26	
	-3724 Jun 25 j 07:57	0°♋	
evening max el	-3724 Jun 27 j 12:20	2°♋12'10	27°20'55
retrograde	-3724 Jul 11 j 01:18	9°♋36'19	
evening set	-3724 Jul 18 j 03:45	6°♋51'16	
min. Earth dist.	-3724 Jul 21 j 19:46	3°♋26'56	0.64245 AU
inferior conj	-3724 Jul 24 j 04:51	0°♋53'27	-3°31'42
minimum elong	-3724 Jul 24 j 08:41	0°♋43'07	3°30'39
	-3724 Jul 25 j 00:51	30°℞♊	
morning rise	-3724 Jul 30 j 14:21	25°♊28'31	
direct	-3724 Aug 02 j 07:40	24°♊50'29	
asc. node	-3724 Aug 05 j 16:03	25°♊47'50	
morning max el	-3724 Aug 08 j 20:01	28°♊17'58	18°03'11
	-3724 Aug 10 j 09:28	0°♋	
morning set	-3724 Aug 26 j 09:48	25°♋11'10	
	-3724 Aug 29 j 05:49	0°♌	
superior conj	-3724 Sep 08 j 14:05	17°♌09'16	0°51'40
minimum elong	-3724 Sep 08 j 19:22	17°♌30'44	0°51'08
max. Earth dist.	-3724 Sep 13 j 12:19	25°♌04'08	1.44263 AU
desc. node	-3724 Sep 16 j 22:29	0°♍29'21	
	-3724 Sep 16 j 15:02	0°♍	
evening rise	-3724 Sep 24 j 23:32	13°♍01'43	
	-3724 Oct 06 j 02:16	0°♎	
evening max el	-3724 Oct 21 j 17:48	21°♎12'28	20°12'30
retrograde	-3724 Oct 29 j 12:30	25°♎46'38	
asc. node	-3724 Nov 01 j 14:59	24°♎50'47	
evening set	-3724 Nov 02 j 04:21	24°♎28'47	
inferior conj	-3724 Nov 07 j 15:41	18°♎24'39	1°57'53
minimum elong	-3724 Nov 07 j 13:13	18°♎32'55	1°56'56
min. Earth dist.	-3724 Nov 08 j 10:53	17°♎20'20	0.66717 AU
morning rise	-3724 Nov 12 j 21:51	12°♎10'10	
direct	-3724 Nov 18 j 15:11	9°♎39'53	
morning max el	-3724 Nov 30 j 06:42	16°♎35'41	24°57'31
	-3724 Dec 11 j 10:47	0°♏	
desc. node	-3724 Dec 13 j 22:15	3°♏23'52	
	-3724 Dec 31 j 04:34	0°♐	
morning set	-3723 Jan 05 j 10:12	9°♐03'32	
max. Earth dist.	-3723 Jan 09 j 03:23	15°♐47'36	1.37114 AU
superior conj	-3723 Jan 15 j 12:22	27°♐56'21	-1°43'47
minimum elong	-3723 Jan 15 j 15:13	28°♐10'16	1°43'42
	-3723 Jan 16 j 13:31	0°♑	
evening rise	-3723 Jan 23 j 20:29	14°♑36'18	
asc. node	-3723 Jan 28 j 14:04	23°♑51'49	
	-3723 Jan 31 j 23:36	0°♒	
evening max el	-3723 Feb 10 j 00:11	12°♒17'07	19°26'27
retrograde	-3723 Feb 19 j 05:37	16°♒40'17	
evening set	-3723 Feb 21 j 13:27	16°♒24'49	
inferior conj	-3723 Mar 01 j 21:42	12°♒18'04	2°33'32
minimum elong	-3723 Mar 02 j 02:40	12°♒09'56	2°32'05
min. Earth dist.	-3723 Mar 04 j 15:53	10°♒30'21	0.56430 AU
morning rise	-3723 Mar 10 j 13:11	7°♒29'56	
desc. node	-3723 Mar 11 j 21:20	7°♒06'01	
direct	-3723 Mar 15 j 04:06	6°♒41'11	
morning max el	-3723 Mar 29 j 06:16	13°♒50'48	24°49'24
	-3723 Apr 10 j 21:19	0°♓	
morning set	-3723 Apr 24 j 04:06	24°♓42'57	
asc. node	-3723 Apr 26 j 13:38	29°♓48'55	
	-3723 Apr 26 j 15:42	0°♈	
superior conj	-3723 May 01 j 04:36	9°♈50'15	0°46'33
minimum elong	-3723 May 01 j 02:41	9°♈39'53	0°46'12
max. Earth dist.	-3723 May 02 j 12:39	12°♈43'41	1.33086 AU
evening rise	-3723 May 08 j 10:58	25°♈12'53	
	-3723 May 10 j 20:13	0°♉	
	-3723 May 28 j 10:55	0°♊	
desc. node	-3723 Jun 07 j 20:06	12°♊58'15	
evening max el	-3723 Jun 09 j 21:08	15°♊01'18	27°21'45
retrograde	-3723 Jun 23 j 17:16	22°♊24'35	
evening set	-3723 Jun 30 j 20:09	19°♊56'04	
min. Earth dist.	-3723 Jul 04 j 10:10	16°♊59'36	0.62544 AU
inferior conj	-3723 Jul 07 j 08:27	14°♊10'48	-4°04'01
minimum elong	-3723 Jul 07 j 11:30	14°♊03'27	4°03'26
morning rise	-3723 Jul 14 j 04:03	9°♊04'47	
direct	-3723 Jul 16 j 18:16	8°♊34'08	
morning max el	-3723 Jul 23 j 10:46	11°♊58'37	17°56'12
asc. node	-3723 Jul 23 j 13:07	12°♊04'23	
	-3723 Aug 04 j 14:03	0°♋	
morning set	-3723 Aug 08 j 19:55	7°♋32'57	
superior conj	-3723 Aug 20 j 03:35	27°♋21'55	1°24'35
minimum elong	-3723 Aug 20 j 08:51	27°♋44'14	1°24'14
	-3723 Aug 21 j 17:01	0°♌	
max. Earth dist.	-3723 Aug 27 j 01:31	8°♌51'13	1.43069 AU
desc. node	-3723 Sep 03 j 19:26	21°♌11'52	
evening rise	-3723 Sep 04 j 03:54	21°♌44'54	
	-3723 Sep 09 j 12:23	0°♍	
	-3723 Sep 30 j 14:23	0°♎	
evening max el	-3723 Oct 04 j 16:31	4°♎38'22	21°21'08
retrograde	-3723 Oct 13 j 09:12	9°♎47'42	
evening set	-3723 Oct 17 j 12:06	8°♎12'39	
asc. node	-3723 Oct 19 j 12:05	6°♎18'37	
inferior conj	-3723 Oct 22 j 20:43	2°♎00'13	1°08'03
minimum elong	-3723 Oct 22 j 19:12	2°♎05'28	1°07'26
min. Earth dist.	-3723 Oct 23 j 04:49	1°♎32'23	0.67233 AU
	-3723 Oct 24 j 08:02	30°℞♍	
morning rise	-3723 Oct 28 j 02:06	25°♍45'00	
direct	-3723 Nov 02 j 04:14	23°♍34'53	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3723 Nov 12 j 15:41	29°♍50'16	23°31'58
	-3723 Nov 12 j 19:31	0°♎	
desc. node	-3723 Nov 30 j 19:14	23°♎14'24	
	-3723 Dec 05 j 08:00	0°♏	
morning set	-3723 Dec 17 j 18:23	19°♏54'50	
max. Earth dist.	-3723 Dec 21 j 22:50	27°♏06'26	1.39145 AU
	-3723 Dec 23 j 14:11	0°♐	
superior conj	-3723 Dec 29 j 11:04	10°♐42'00	-1°53'53
minimum elong	-3723 Dec 29 j 12:20	10°♐47'54	1°54'00
evening rise	-3722 Jan 07 j 15:31	28°♐18'54	
	-3722 Jan 08 j 12:25	0°♑	
asc. node	-3722 Jan 15 j 11:07	12°♑51'42	
evening max el	-3722 Jan 24 j 00:30	24°♑41'11	18°40'23
retrograde	-3722 Jan 31 j 21:59	28°♑30'53	
evening set	-3722 Feb 03 j 09:17	28°♑09'48	
inferior conj	-3722 Feb 11 j 00:12	23°♑44'44	3°34'26
minimum elong	-3722 Feb 11 j 03:54	23°♑37'42	3°33'43
min. Earth dist.	-3722 Feb 14 j 08:34	21°♑13'20	0.58126 AU
morning rise	-3722 Feb 18 j 20:05	18°♑29'00	
direct	-3722 Feb 24 j 15:59	17°♑04'45	
desc. node	-3722 Feb 26 j 18:26	17°♑15'41	
morning max el	-3722 Mar 10 j 22:18	24°♑33'48	26°16'02
	-3722 Mar 15 j 22:01	0°♒	
	-3722 Apr 03 j 20:15	0°♓	
morning set	-3722 Apr 08 j 15:35	9°♓43'23	
asc. node	-3722 Apr 13 j 10:37	20°♓00'17	
superior conj	-3722 Apr 15 j 15:57	24°♓51'50	0°23'04
minimum elong	-3722 Apr 15 j 14:57	24°♓46'20	0°22'49
max. Earth dist.	-3722 Apr 16 j 00:54	25°♓40'49	1.32655 AU
	-3722 Apr 18 j 00:26	0°♈	
evening rise	-3722 Apr 22 j 17:01	9°♈59'41	
	-3722 May 03 j 03:57	0°♉	
evening max el	-3722 May 23 j 01:19	27°♉13'45	26°49'44
desc. node	-3722 May 25 j 17:11	29°♉35'14	
	-3722 May 26 j 05:34	0°♊	
retrograde	-3722 Jun 06 j 01:40	4°♊33'31	
evening set	-3722 Jun 12 j 18:42	2°♊35'00	
	-3722 Jun 16 j 11:17	30°℞♉	
min. Earth dist.	-3722 Jun 16 j 14:50	29°♉52'53	0.60581 AU
inferior conj	-3722 Jun 19 j 22:21	27°♉05'44	-4°20'17
minimum elong	-3722 Jun 19 j 23:11	27°♉03'57	4°20'08
morning rise	-3722 Jun 27 j 05:31	22°♉20'54	
direct	-3722 Jun 29 j 18:18	21°♉55'52	
morning max el	-3722 Jul 06 j 23:05	25°♉27'02	18°08'16
asc. node	-3722 Jul 10 j 10:09	29°♉27'01	
	-3722 Jul 10 j 19:54	0°♊	
morning set	-3722 Jul 22 j 23:00	20°♊45'02	
	-3722 Jul 27 j 22:16	0°♋	
superior conj	-3722 Aug 01 j 20:04	8°♋55'25	1°43'03
minimum elong	-3722 Aug 01 j 22:54	9°♋08'03	1°43'02
max. Earth dist.	-3722 Aug 09 j 09:37	22°♋03'09	1.41398 AU
	-3722 Aug 14 j 05:00	0°♌	
evening rise	-3722 Aug 14 j 21:28	1°♌06'40	
desc. node	-3722 Aug 21 j 16:23	11°♌48'55	
	-3722 Sep 03 j 00:07	0°♍	
evening max el	-3722 Sep 17 j 09:22	18°♍04'13	22°38'32
retrograde	-3722 Sep 27 j 03:46	23°♍51'54	
evening set	-3722 Oct 01 j 19:48	21°♍57'40	
asc. node	-3722 Oct 06 j 09:13	16°♍42'23	
inferior conj	-3722 Oct 07 j 03:16	15°♍40'16	0°15'28
minimum elong	-3722 Oct 07 j 02:54	15°♍41'31	0°15'22
transit middle	-3722 Oct 07 j 02:54	15°♍41'31	0°15'22
transit begin	-3722 Oct 07 j 01:58	15°♍44'43	
transit end	-3722 Oct 07 j 03:49	15°♍38'19	
min. Earth dist.	-3722 Oct 07 j 00:58	15°♍48'10	0.67442 AU
morning rise	-3722 Oct 12 j 09:53	9°♍27'06	
direct	-3722 Oct 16 j 21:19	7°♍38'47	
morning max el	-3722 Oct 26 j 04:08	13°♍09'29	22°06'25
	-3722 Nov 08 j 12:07	0°♎	
desc. node	-3722 Nov 17 j 16:11	13°♎25'35	
morning set	-3722 Nov 27 j 21:50	29°♎21'59	
	-3722 Nov 28 j 07:17	0°♏	
max. Earth dist.	-3722 Dec 03 j 21:44	9°♏12'00	1.41194 AU
superior conj	-3722 Dec 11 j 14:53	22°♏29'21	-1°53'40
minimum elong	-3722 Dec 11 j 13:05	22°♏21'22	1°53'45
	-3722 Dec 15 j 19:11	0°♐	
evening rise	-3722 Dec 21 j 23:49	11°♐26'06	
	-3721 Jan 01 j 12:05	0°♑	
asc. node	-3721 Jan 02 j 08:11	1°♑16'22	
evening max el	-3721 Jan 07 j 07:47	7°♑31'02	18°14'25
retrograde	-3721 Jan 14 j 08:45	11°♑03'09	
evening set	-3721 Jan 16 j 23:10	10°♑35'10	
inferior conj	-3721 Jan 23 j 23:00	5°♑48'26	4°00'06
minimum elong	-3721 Jan 23 j 23:57	5°♑46'21	3°59'55
min. Earth dist.	-3721 Jan 27 j 06:03	2°♑55'15	0.60115 AU
morning rise	-3721 Jan 30 j 23:04	0°♑12'08	
	-3721 Jan 31 j 07:18	30°℞♐	
direct	-3721 Feb 06 j 15:17	28°♐09'24	
	-3721 Feb 13 j 06:16	0°♑	
desc. node	-3721 Feb 13 j 15:33	0°♑12'41	
morning max el	-3721 Feb 20 j 19:49	5°♑48'18	27°16'33
	-3721 Mar 10 j 21:21	0°♒	
morning set	-3721 Mar 24 j 00:33	24°♒34'33	
	-3721 Mar 26 j 14:23	0°♓	
max. Earth dist.	-3721 Mar 30 j 14:22	8°♓39'37	1.32561 AU
superior conj	-3721 Mar 31 j 03:38	9°♓52'06	-0°01'45
minimum elong	-3721 Mar 31 j 03:42	9°♓52'32	0°01'48
behind sun begin	-3721 Mar 30 j 22:43	9°♓25'14	
behind sun end	-3721 Mar 31 j 08:42	10°♓19'50	
asc. node	-3721 Mar 31 j 07:36	10°♓13'50	
evening rise	-3721 Apr 07 j 02:44	24°♓55'13	
	-3721 Apr 09 j 13:45	0°♈	
	-3721 Apr 27 j 08:29	0°♉	
evening max el	-3721 May 04 j 22:59	8°♉42'25	25°46'51
desc. node	-3721 May 12 j 14:18	14°♉19'13	
retrograde	-3721 May 19 j 00:54	15°♉56'37	
evening set	-3721 May 24 j 19:54	14°♉36'05	
min. Earth dist.	-3721 May 29 j 11:22	11°♉51'30	0.58546 AU
inferior conj	-3721 Jun 01 j 18:45	9°♉27'09	-4°11'45
minimum elong	-3721 Jun 01 j 16:07	9°♉31'58	4°11'26
morning rise	-3721 Jun 09 j 15:02	5°♉04'14	
direct	-3721 Jun 12 j 03:11	4°♉43'47	
morning max el	-3721 Jun 20 j 06:01	8°♉33'57	18°40'19
asc. node	-3721 Jun 27 j 07:11	17°♉40'20	
	-3721 Jul 04 j 05:20	0°♊	
morning set	-3721 Jul 06 j 14:22	4°♊34'31	
superior conj	-3721 Jul 15 j 10:26	21°♊35'24	1°49'04
minimum elong	-3721 Jul 15 j 10:41	21°♊36'36	1°49'13
	-3721 Jul 19 j 23:55	0°♋	
max. Earth dist.	-3721 Jul 22 j 12:46	4°♋31'26	1.39466 AU
evening rise	-3721 Jul 26 j 15:45	11°♋39'15	
	-3721 Aug 07 j 01:27	0°♌	
desc. node	-3721 Aug 08 j 13:23	2°♌16'12	
	-3721 Aug 29 j 10:19	0°♍	
evening max el	-3721 Aug 30 j 21:51	1°♍31'36	23°59'14
retrograde	-3721 Sep 10 j 19:10	7°♍56'23	
evening set	-3721 Sep 16 j 01:44	5°♍42'33	
	-3721 Sep 20 j 22:51	30°℞♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3721 Sep 21 j 09:36	29°♌23'31	-0°38'10
minimum elong	-3721 Sep 21 j 10:29	29°♌20'28	0°37'42
min. Earth dist.	-3721 Sep 20 j 20:58	0°♍06'22	0.67345 AU
asc. node	-3721 Sep 23 j 06:20	26°♌55'17	
morning rise	-3721 Sep 26 j 19:14	23°♌15'18	
direct	-3721 Sep 30 j 17:29	21°♌47'42	
morning max el	-3721 Oct 08 j 22:59	26°♌37'09	20°48'06
	-3721 Oct 11 j 23:48	0°♍	
	-3721 Nov 02 j 00:52	0°♎	
desc. node	-3721 Nov 04 j 13:08	3°♎51'27	
morning set	-3721 Nov 07 j 01:36	7°♎45'42	
max. Earth dist.	-3721 Nov 16 j 03:48	22°♎11'36	1.42964 AU
	-3721 Nov 20 j 21:57	0°♏	
superior conj	-3721 Nov 22 j 18:12	3°♏04'50	-1°39'18
minimum elong	-3721 Nov 22 j 12:37	2°♏41'26	1°38'57
evening rise	-3721 Dec 04 j 17:31	23°♏49'51	
	-3721 Dec 08 j 05:03	0°♐	
asc. node	-3721 Dec 20 j 05:17	18°♐55'07	
evening max el	-3721 Dec 21 j 19:09	20°♐38'49	18°08'12
retrograde	-3721 Dec 28 j 10:04	24°♐06'55	
evening set	-3721 Dec 31 j 03:31	23°♐31'07	
inferior conj	-3720 Jan 06 j 15:15	18°♐23'13	3°58'51
minimum elong	-3720 Jan 06 j 13:50	18°♐26'46	3°58'36
min. Earth dist.	-3720 Jan 09 j 11:45	15°♐31'23	0.62084 AU
morning rise	-3720 Jan 12 j 23:08	12°♐32'38	
direct	-3720 Jan 20 j 00:07	9°♐59'24	
desc. node	-3720 Jan 31 j 12:37	15°♐27'40	
morning max el	-3720 Feb 02 j 23:42	17°♐43'54	27°42'20
	-3720 Feb 13 j 07:10	0°♑	
	-3720 Mar 02 j 13:32	0°♒	
morning set	-3720 Mar 07 j 04:57	9°♒09'23	
max. Earth dist.	-3720 Mar 13 j 01:10	21°♒26'02	1.32817 AU
superior conj	-3720 Mar 14 j 14:01	24°♒45'21	-0°26'59
minimum elong	-3720 Mar 14 j 15:14	24°♒51'57	0°26'49
	-3720 Mar 16 j 23:55	0°♓	
asc. node	-3720 Mar 17 j 04:37	0°♓25'32	
evening rise	-3720 Mar 21 j 14:13	9°♓52'37	
	-3720 Apr 01 j 01:13	0°♈	
evening max el	-3720 Apr 15 j 15:30	19°♈36'05	24°21'39
desc. node	-3720 Apr 28 j 11:26	26°♈33'35	
retrograde	-3720 Apr 29 j 13:06	26°♈36'13	
evening set	-3720 May 04 j 00:36	25°♈51'07	
min. Earth dist.	-3720 May 10 j 03:17	22°♈48'57	0.56743 AU
inferior conj	-3720 May 12 j 19:11	21°♈07'34	-3°28'02
minimum elong	-3720 May 12 j 13:31	21°♈16'37	3°26'48
morning rise	-3720 May 21 j 05:36	17°♈02'51	
direct	-3720 May 23 j 17:14	16°♈46'06	
morning max el	-3720 Jun 02 j 04:52	21°♈10'14	19°32'48
	-3720 Jun 09 j 06:28	0°♉	
asc. node	-3720 Jun 13 j 04:12	6°♉32'27	
morning set	-3720 Jun 19 j 14:28	18°♉52'07	
	-3720 Jun 25 j 03:22	0°♊	
superior conj	-3720 Jun 27 j 16:58	5°♊05'35	1°45'29
minimum elong	-3720 Jun 27 j 15:25	4°♊57'56	1°45'33
max. Earth dist.	-3720 Jul 03 j 14:51	16°♊25'04	1.37539 AU
evening rise	-3720 Jul 07 j 11:28	23°♊26'52	
	-3720 Jul 11 j 05:31	0°♋	
desc. node	-3720 Jul 25 j 10:25	22°♋28'15	
	-3720 Jul 30 j 18:49	0°♌	
evening max el	-3720 Aug 12 j 08:33	15°♌01'52	25°16'11
retrograde	-3720 Aug 24 j 06:31	21°♌56'32	
evening set	-3720 Aug 30 j 04:01	19°♌25'09	
min. Earth dist.	-3720 Sep 03 j 14:25	14°♌24'52	0.66934 AU
inferior conj	-3720 Sep 04 j 13:58	13°♌07'54	-1°31'16
minimum elong	-3720 Sep 04 j 16:06	13°♌00'55	1°30'18
asc. node	-3720 Sep 09 j 03:26	7°♌54'59	
morning rise	-3720 Sep 10 j 04:16	7°♌07'34	
direct	-3720 Sep 13 j 15:27	5°♌57'57	
morning max el	-3720 Sep 21 j 01:07	10°♌13'34	19°41'46
	-3720 Oct 05 j 14:22	0°♍	
morning set	-3720 Oct 16 j 00:53	16°♍03'39	
desc. node	-3720 Oct 21 j 10:05	24°♍26'59	
	-3720 Oct 24 j 22:59	0°♎	
max. Earth dist.	-3720 Oct 28 j 16:19	5°♎53'06	1.44224 AU
superior conj	-3720 Nov 01 j 17:58	12°♎23'14	-1°08'05
minimum elong	-3720 Nov 01 j 10:59	11°♎55'09	1°07'19
	-3720 Nov 12 j 11:43	0°♏	
evening rise	-3720 Nov 15 j 15:58	5°♏20'12	
	-3720 Dec 01 j 00:07	0°♐	
evening max el	-3720 Dec 04 j 07:49	3°♐57'18	18°20'57
asc. node	-3720 Dec 06 j 02:23	5°♐34'00	
retrograde	-3720 Dec 10 j 21:17	7°♐32'13	
evening set	-3720 Dec 13 j 18:44	6°♐47'21	
inferior conj	-3720 Dec 19 j 20:59	1°♐20'12	3°38'50
minimum elong	-3720 Dec 19 j 18:14	1°♐27'55	3°38'13
	-3720 Dec 21 j 01:23	30°℞♏	
min. Earth dist.	-3720 Dec 22 j 03:13	28°♏48'06	0.63828 AU
morning rise	-3720 Dec 25 j 17:09	25°♏19'38	
direct	-3719 Jan 01 j 16:52	22°♏30'16	
	-3719 Jan 15 j 01:48	0°♐	
morning max el	-3719 Jan 15 j 07:46	0°♐14'40	27°31'57
desc. node	-3719 Jan 17 j 09:41	2°♐23'47	
	-3719 Feb 06 j 06:34	0°♑	
morning set	-3719 Feb 19 j 02:13	23°♑18'19	
	-3719 Feb 22 j 09:43	0°♒	
max. Earth dist.	-3719 Feb 24 j 05:07	3°♒45'23	1.33457 AU
superior conj	-3719 Feb 26 j 21:19	9°♒24'56	-0°51'45
minimum elong	-3719 Feb 26 j 23:35	9°♒36'58	0°51'26
asc. node	-3719 Mar 04 j 01:39	20°♒30'54	
evening rise	-3719 Mar 06 j 01:38	24°♒44'48	
	-3719 Mar 08 j 14:40	0°♓	
	-3719 Mar 28 j 00:29	0°♈	
evening max el	-3719 Mar 28 j 08:03	0°♈18'15	22°47'35
retrograde	-3719 Apr 10 j 12:41	6°♈46'47	
evening set	-3719 Apr 13 j 17:40	6°♈24'15	
desc. node	-3719 Apr 15 j 08:32	5°♈56'47	
min. Earth dist.	-3719 Apr 21 j 17:44	2°♈53'02	0.55519 AU
inferior conj	-3719 Apr 23 j 01:05	2°♈07'51	-2°03'47
minimum elong	-3719 Apr 22 j 19:56	2°♈15'18	2°02'10
	-3719 Apr 26 j 22:37	30°℞♓	
morning rise	-3719 May 02 j 00:20	28°♓10'50	
direct	-3719 May 04 j 13:50	27°♓55'23	
	-3719 May 11 j 15:00	0°♈	
morning max el	-3719 May 15 j 17:22	3°♈07'38	20°45'12
asc. node	-3719 May 31 j 01:13	25°♈54'08	
	-3719 Jun 02 j 03:00	0°♉	
morning set	-3719 Jun 03 j 20:36	3°♉30'54	
superior conj	-3719 Jun 11 j 11:01	19°♉12'35	1°34'47
minimum elong	-3719 Jun 11 j 08:32	18°♉59'55	1°34'40
max. Earth dist.	-3719 Jun 15 j 22:32	28°♉11'41	1.35839 AU
	-3719 Jun 16 j 20:43	0°♊	
evening rise	-3719 Jun 20 j 04:05	6°♊18'17	
	-3719 Jul 03 j 23:42	0°♋	
desc. node	-3719 Jul 12 j 07:28	12°♋18'08	
evening max el	-3719 Jul 25 j 19:36	28°♋33'37	26°21'20
	-3719 Jul 27 j 08:26	0°♌	
retrograde	-3719 Aug 07 j 13:07	5°♌46'59	
evening set	-3719 Aug 14 j 00:34	3°♌03'11	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3719 Aug 17 j 00:22	30°℞♋	
min. Earth dist.	-3719 Aug 18 j 02:58	28°♋40'45	0.66184 AU
inferior conj	-3719 Aug 19 j 14:31	26°♋51'08	-2°22'00
minimum elong	-3719 Aug 19 j 17:42	26°♋41'20	2°20'46
morning rise	-3719 Aug 25 j 11:03	21°♋01'49	
asc. node	-3719 Aug 27 j 00:30	20°♋20'26	
direct	-3719 Aug 28 j 13:31	20°♋06'51	
morning max el	-3719 Sep 04 j 09:39	23°♋57'03	18°50'19
	-3719 Sep 09 j 08:37	0°♌	
morning set	-3719 Sep 25 j 18:10	25°♌18'34	
	-3719 Sep 28 j 17:01	0°♍	
desc. node	-3719 Oct 08 j 07:04	15°♍08'53	
superior conj	-3719 Oct 11 j 21:04	20°♍47'36	-0°22'39
minimum elong	-3719 Oct 11 j 18:06	20°♍35'55	0°22'14
max. Earth dist.	-3719 Oct 11 j 09:12	20°♍00'54	1.44818 AU
	-3719 Oct 17 j 16:59	0°♎	
evening rise	-3719 Oct 27 j 14:56	15°♎49'31	
	-3719 Nov 05 j 10:38	0°♏	
evening max el	-3719 Nov 17 j 19:12	17°♏22'01	18°51'34
asc. node	-3719 Nov 22 j 23:28	20°♏58'20	
retrograde	-3719 Nov 24 j 14:41	21°♏13'11	
evening set	-3719 Nov 27 j 17:44	20°♏17'17	
inferior conj	-3719 Dec 03 j 12:43	14°♏33'22	3°06'02
minimum elong	-3719 Dec 03 j 09:34	14°♏43'00	3°05'06
min. Earth dist.	-3719 Dec 05 j 04:18	12°♏32'15	0.65241 AU
morning rise	-3719 Dec 09 j 01:04	8°♏25'42	
direct	-3719 Dec 15 j 16:08	5°♏35'12	
morning max el	-3719 Dec 28 j 17:16	13°♏09'54	26°49'36
desc. node	-3718 Jan 04 j 06:44	20°♏32'07	
	-3718 Jan 11 j 09:29	0°♐	
	-3718 Jan 29 j 21:08	0°♑	
morning set	-3718 Feb 02 j 12:57	6°♑50'40	
max. Earth dist.	-3718 Feb 06 j 22:48	15°♑29'46	1.34535 AU
superior conj	-3718 Feb 10 j 23:27	23°♑44'08	-1°14'50
minimum elong	-3718 Feb 11 j 02:27	23°♑59'43	1°14'30
	-3718 Feb 13 j 23:15	0°♒	
evening rise	-3718 Feb 18 j 11:12	9°♒25'53	
asc. node	-3718 Feb 18 j 22:41	10°♒25'18	
	-3718 Mar 01 j 11:03	0°♓	
evening max el	-3718 Mar 10 j 06:44	11°♓15'18	21°17'50
retrograde	-3718 Mar 22 j 02:43	16°♓55'41	
evening set	-3718 Mar 24 j 13:59	16°♓41'43	
desc. node	-3718 Apr 02 j 05:39	13°♓03'34	
inferior conj	-3718 Apr 02 j 20:42	12°♓42'23	-0°10'28
minimum elong	-3718 Apr 02 j 20:12	12°♓43'04	0°10'20
transit middle	-3718 Apr 02 j 20:12	12°♓43'04	0°10'20
transit begin	-3718 Apr 02 j 17:06	12°♓47'28	
transit end	-3718 Apr 02 j 23:19	12°♓38'41	
min. Earth dist.	-3718 Apr 03 j 07:44	12°♓26'48	0.55152 AU
morning rise	-3718 Apr 12 j 02:16	8°♓36'54	
direct	-3718 Apr 15 j 02:05	8°♓17'18	
morning max el	-3718 Apr 27 j 18:56	14°♓22'41	22°14'32
	-3718 May 09 j 14:57	0°♈	
asc. node	-3718 May 17 j 22:14	15°♈37'10	
morning set	-3718 May 19 j 06:32	18°♈23'43	
	-3718 May 24 j 18:25	0°♉	
superior conj	-3718 May 26 j 12:59	3°♉44'58	1°18'52
minimum elong	-3718 May 26 j 10:19	3°♉30'56	1°18'34
max. Earth dist.	-3718 May 29 j 15:59	10°♉15'33	1.34481 AU
evening rise	-3718 Jun 03 j 12:12	19°♉57'33	
	-3718 Jun 08 j 20:32	0°♊	
	-3718 Jun 27 j 23:15	0°♋	
desc. node	-3718 Jun 29 j 04:30	1°♋35'39	
evening max el	-3718 Jul 08 j 07:10	11°♋58'24	27°06'39

retrograde	-3718 Jul 21 j 14:18	19°♋19'55	
evening set	-3718 Jul 28 j 12:48	16°♋32'13	
min. Earth dist.	-3718 Aug 01 j 08:08	12°♋47'38	0.65068 AU
inferior conj	-3718 Aug 03 j 09:03	10°♋28'33	-3°08'16
minimum elong	-3718 Aug 03 j 12:51	10°♋17'44	3°07'03
morning rise	-3718 Aug 09 j 13:22	4°♋53'38	
direct	-3718 Aug 12 j 09:29	4°♋10'06	
asc. node	-3718 Aug 13 j 21:35	4°♋22'17	
morning max el	-3718 Aug 18 j 22:35	7°♋43'15	18°15'21
	-3718 Sep 03 j 01:36	0°♌	
morning set	-3718 Sep 06 j 14:41	5°♌52'55	
superior conj	-3718 Sep 20 j 23:02	29°♌13'11	0°26'36
minimum elong	-3718 Sep 21 j 02:17	29°♌26'05	0°26'15
	-3718 Sep 21 j 10:48	0°♍	
max. Earth dist.	-3718 Sep 24 j 03:32	4°♍16'39	1.44678 AU
desc. node	-3718 Sep 25 j 04:01	5°♍53'19	
evening rise	-3718 Oct 07 j 13:21	25°♍16'41	
	-3718 Oct 10 j 14:13	0°♎	
greatest brilliancy	-3718 Oct 19 j 12:17	13°♎44'25	-0.7m
	-3718 Oct 31 j 08:34	0°♏	
evening max el	-3718 Nov 01 j 02:57	0°♏48'59	19°38'43
retrograde	-3718 Nov 08 j 11:13	5°♏04'56	
asc. node	-3718 Nov 09 j 20:32	4°♏53'47	
evening set	-3718 Nov 11 j 21:52	3°♏55'41	
	-3718 Nov 15 j 21:17	30°℞♎	
inferior conj	-3718 Nov 17 j 11:29	27°♎57'56	2°24'34
minimum elong	-3718 Nov 17 j 08:37	28°♎07'15	2°23'32
min. Earth dist.	-3718 Nov 18 j 13:37	26°♎32'44	0.66282 AU
morning rise	-3718 Nov 22 j 19:10	21°♎45'27	
direct	-3718 Nov 28 j 21:05	19°♎05'41	
morning max el	-3718 Dec 11 j 02:28	26°♎18'46	25°43'07
	-3718 Dec 14 j 12:53	0°♏	
desc. node	-3718 Dec 22 j 03:46	9°♏31'30	
	-3717 Jan 04 j 23:24	0°♐	
morning set	-3717 Jan 16 j 08:43	19°♐33'27	
max. Earth dist.	-3717 Jan 20 j 05:04	26°♐44'57	1.36062 AU
	-3717 Jan 21 j 21:36	0°♑	
superior conj	-3717 Jan 25 j 17:48	7°♑35'22	-1°34'39
minimum elong	-3717 Jan 25 j 20:58	7°♑51'15	1°34'27
evening rise	-3717 Feb 02 j 17:02	23°♑50'05	
asc. node	-3717 Feb 05 j 19:42	0°♒03'51	
	-3717 Feb 05 j 18:55	0°♒	
evening max el	-3717 Feb 20 j 15:23	22°♒44'38	20°01'51
retrograde	-3717 Mar 02 j 18:56	27°♒33'48	
evening set	-3717 Mar 05 j 01:58	27°♒20'07	
inferior conj	-3717 Mar 13 j 19:58	23°♒19'48	1°41'25
minimum elong	-3717 Mar 14 j 00:01	23°♒13'38	1°40'02
min. Earth dist.	-3717 Mar 15 j 21:47	22°♒04'20	0.55723 AU
desc. node	-3717 Mar 20 j 02:47	19°♒49'39	
morning rise	-3717 Mar 22 j 20:02	18°♒49'47	
direct	-3717 Mar 26 j 18:08	18°♒15'58	
morning max el	-3717 Apr 09 j 12:22	25°♒06'04	23°53'19
	-3717 Apr 14 j 01:04	0°♓	
	-3717 May 02 j 03:00	0°♈	
morning set	-3717 May 03 j 18:25	3°♈24'32	
asc. node	-3717 May 04 j 19:16	5°♈35'26	
superior conj	-3717 May 10 j 20:14	18°♈34'25	0°59'10
minimum elong	-3717 May 10 j 17:56	18°♈22'01	0°58'48
max. Earth dist.	-3717 May 12 j 19:01	22°♈44'50	1.33491 AU
	-3717 May 16 j 06:02	0°♉	
evening rise	-3717 May 18 j 07:25	4°♉11'21	
	-3717 Jun 01 j 13:58	0°♊	
desc. node	-3717 Jun 16 j 01:32	20°♊07'07	
evening max el	-3717 Jun 20 j 17:37	25°♊04'01	27°25'08

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3717 Jun 26 j 22:07	0°♋	
retrograde	-3717 Jul 04 j 09:36	2°♋27'23	
	-3717 Jul 11 j 06:42	30°℞♊	
evening set	-3717 Jul 11 j 13:32	29°♊47'36	
min. Earth dist.	-3717 Jul 15 j 04:04	26°♊36'34	0.63572 AU
inferior conj	-3717 Jul 17 j 18:59	23°♊55'05	-3°46'56
minimum elong	-3717 Jul 17 j 22:38	23°♊45'41	3°46'03
morning rise	-3717 Jul 24 j 08:36	18°♊37'51	
direct	-3717 Jul 27 j 00:29	18°♊03'04	
asc. node	-3717 Jul 31 j 18:39	19°♊53'49	
morning max el	-3717 Aug 02 j 13:29	21°♊27'45	17°57'56
	-3717 Aug 09 j 01:42	0°♋	
morning set	-3717 Aug 19 j 12:36	17°♋39'42	
	-3717 Aug 26 j 16:42	0°♌	
superior conj	-3717 Aug 31 j 20:47	8°♌38'59	1°07'27
minimum elong	-3717 Sep 01 j 02:32	9°♌02'44	1°06'55
max. Earth dist.	-3717 Sep 06 j 19:46	18°♌20'35	1.43834 AU
desc. node	-3717 Sep 12 j 00:56	26°♌37'17	
	-3717 Sep 14 j 04:45	0°♍	
evening rise	-3717 Sep 16 j 19:17	4°♍02'43	
	-3717 Oct 04 j 02:30	0°♎	
evening max el	-3717 Oct 15 j 05:10	14°♎15'05	20°40'18
retrograde	-3717 Oct 23 j 08:30	19°♎03'32	
evening set	-3717 Oct 27 j 04:52	17°♎38'25	
asc. node	-3717 Oct 27 j 17:38	17°♎13'10	
inferior conj	-3717 Nov 01 j 14:50	11°♎30'08	1°37'10
minimum elong	-3717 Nov 01 j 12:44	11°♎37'16	1°36'20
min. Earth dist.	-3717 Nov 02 j 05:05	10°♎41'46	0.66976 AU
morning rise	-3717 Nov 06 j 20:25	5°♎15'10	
direct	-3717 Nov 12 j 07:12	2°♎53'22	
morning max el	-3717 Nov 23 j 11:11	9°♎32'43	24°21'43
desc. node	-3717 Dec 09 j 00:45	29°♎06'19	
	-3717 Dec 09 j 15:45	0°♏	
	-3717 Dec 28 j 15:31	0°♐	
morning set	-3717 Dec 29 j 07:39	1°♐09'55	
max. Earth dist.	-3716 Jan 02 j 02:45	7°♐53'21	1.37960 AU
superior conj	-3716 Jan 09 j 00:52	20°♐47'51	-1°49'06
minimum elong	-3716 Jan 09 j 03:13	20°♐59'08	1°49'07
	-3716 Jan 13 j 17:58	0°♑	
evening rise	-3716 Jan 17 j 16:48	7°♑49'51	
asc. node	-3716 Jan 23 j 16:44	19°♑19'51	
	-3716 Jan 30 j 07:08	0°♒	
evening max el	-3716 Feb 03 j 10:22	4°♒49'16	19°04'20
retrograde	-3716 Feb 12 j 01:04	8°♒56'44	
evening set	-3716 Feb 14 j 10:12	8°♒39'10	
inferior conj	-3716 Feb 22 j 10:53	4°♒25'00	3°04'03
minimum elong	-3716 Feb 22 j 15:40	4°♒16'39	3°02'52
min. Earth dist.	-3716 Feb 25 j 13:04	2°♒16'36	0.57090 AU
	-3716 Feb 29 j 10:03	30°℞♑	
morning rise	-3716 Mar 01 j 18:27	29°♑24'14	
desc. node	-3716 Mar 05 j 23:55	28°♑23'52	
direct	-3716 Mar 06 j 21:58	28°♑21'51	
	-3716 Mar 13 j 10:08	0°♒	
morning max el	-3716 Mar 21 j 03:21	5°♒41'17	25°28'46
	-3716 Apr 07 j 18:37	0°♓	
morning set	-3716 Apr 17 j 06:32	18°♓26'27	
asc. node	-3716 Apr 20 j 16:15	25°♓42'59	
	-3716 Apr 22 j 15:33	0°♈	
superior conj	-3716 Apr 24 j 06:36	3°♈32'58	0°36'48
minimum elong	-3716 Apr 24 j 05:03	3°♈24'29	0°36'28
max. Earth dist.	-3716 Apr 25 j 04:45	5°♈33'29	1.32858 AU
evening rise	-3716 May 01 j 10:16	18°♈48'01	
	-3716 May 07 j 02:22	0°♉	
	-3716 May 26 j 03:26	0°♊	

desc. node	-3716 Jun 01 j 22:38	7°♊32'59	
evening max el	-3716 Jun 02 j 00:29	7°♊37'27	27°12'05
retrograde	-3716 Jun 15 j 22:32	14°♊59'54	
evening set	-3716 Jun 22 j 22:52	12°♊42'16	
min. Earth dist.	-3716 Jun 26 j 13:59	9°♊54'13	0.61732 AU
inferior conj	-3716 Jun 29 j 17:09	7°♊03'26	-4°13'21
minimum elong	-3716 Jun 29 j 19:27	6°♊58'11	4°12'59
morning rise	-3716 Jul 06 j 17:32	2°♊06'37	
direct	-3716 Jul 09 j 07:00	1°♊38'33	
morning max el	-3716 Jul 16 j 03:36	5°♊04'18	17°59'02
asc. node	-3716 Jul 17 j 15:43	6°♊40'14	
morning set	-3716 Aug 01 j 06:35	0°♋24'26	
	-3716 Aug 01 j 01:13	0°♋	
superior conj	-3716 Aug 11 j 22:17	19°♋27'47	1°34'07
minimum elong	-3716 Aug 12 j 02:38	19°♋46'40	1°33'55
	-3716 Aug 18 j 03:16	0°♌	
max. Earth dist.	-3716 Aug 19 j 06:52	1°♌54'10	1.42401 AU
evening rise	-3716 Aug 26 j 03:05	12°♌56'13	
desc. node	-3716 Aug 28 j 21:53	17°♌17'56	
	-3716 Sep 06 j 06:24	0°♍	
evening max el	-3716 Sep 27 j 01:11	27°♍40'33	21°53'12
	-3716 Sep 29 j 13:00	0°♎	
retrograde	-3716 Oct 06 j 04:37	3°♎06'38	
evening set	-3716 Oct 10 j 12:50	1°♎23'33	
	-3716 Oct 12 j 00:43	30°℞♍	
asc. node	-3716 Oct 13 j 14:44	28°♍09'20	
inferior conj	-3716 Oct 15 j 20:45	25°♍08'18	0°46'00
minimum elong	-3716 Oct 15 j 19:42	25°♍11'56	0°45'34
min. Earth dist.	-3716 Oct 16 j 00:20	24°♍55'56	0.67355 AU
morning rise	-3716 Oct 21 j 02:26	18°♍53'27	
direct	-3716 Oct 25 j 22:02	16°♍52'48	
morning max el	-3716 Nov 04 j 21:25	22°♍49'47	22°55'05
	-3716 Nov 11 j 03:11	0°♎	
desc. node	-3716 Nov 24 j 21:43	19°♎06'31	
	-3716 Dec 02 j 01:08	0°♏	
morning set	-3716 Dec 09 j 03:54	11°♏25'54	
max. Earth dist.	-3716 Dec 13 j 22:46	19°♏29'02	1.40031 AU
	-3716 Dec 19 j 22:17	0°♐	
superior conj	-3716 Dec 21 j 16:12	3°♐10'11	-1°55'17
minimum elong	-3716 Dec 21 j 16:20	3°♐10'49	1°55'25
evening rise	-3716 Dec 31 j 07:44	21°♐18'23	
	-3715 Jan 04 j 22:34	0°♑	
asc. node	-3715 Jan 09 j 13:47	8°♑05'54	
evening max el	-3715 Jan 16 j 13:58	17°♑25'05	18°26'52
retrograde	-3715 Jan 24 j 01:33	21°♑05'39	
evening set	-3715 Jan 26 j 14:04	20°♑41'54	
inferior conj	-3715 Feb 02 j 22:16	16°♑07'56	3°49'10
minimum elong	-3715 Feb 03 j 00:49	16°♑02'43	3°48'44
min. Earth dist.	-3715 Feb 06 j 07:43	13°♑23'59	0.58957 AU
morning rise	-3715 Feb 10 j 09:22	10°♑42'08	
direct	-3715 Feb 16 j 15:10	9°♑00'59	
desc. node	-3715 Feb 20 j 21:02	9°♑46'05	
morning max el	-3715 Mar 02 j 21:32	16°♑35'53	26°45'35
	-3715 Mar 13 j 21:52	0°♒	
	-3715 Mar 31 j 01:46	0°♓	
morning set	-3715 Apr 01 j 17:09	3°♓23'20	
asc. node	-3715 Apr 07 j 13:15	15°♓55'30	
superior conj	-3715 Apr 08 j 18:18	18°♓34'25	0°12'39
minimum elong	-3715 Apr 08 j 17:44	18°♓31'21	0°12'29
behind sun begin	-3715 Apr 08 j 14:40	18°♓14'32	
behind sun end	-3715 Apr 08 j 20:49	18°♓48'10	
max. Earth dist.	-3715 Apr 08 j 17:46	18°♓31'32	1.32569 AU
	-3715 Apr 14 j 00:40	0°♈	
evening rise	-3715 Apr 15 j 18:07	3°♈38'50	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3715 Apr 29 j 23:25	0°♉	
evening max el	-3715 May 15 j 01:48	19°♉30'15	26°26'24
desc. node	-3715 May 19 j 19:45	23°♉25'46	
retrograde	-3715 May 29 j 03:41	26°♉49'03	
evening set	-3715 Jun 04 j 12:37	25°♉06'11	
min. Earth dist.	-3715 Jun 08 j 14:59	22°♉24'57	0.59697 AU
inferior conj	-3715 Jun 11 j 23:58	19°♉44'35	-4°20'21
minimum elong	-3715 Jun 11 j 23:27	19°♉45'39	4°20'14
morning rise	-3715 Jun 19 j 12:34	15°♉09'21	
direct	-3715 Jun 22 j 00:51	14°♉46'31	
morning max el	-3715 Jun 29 j 14:01	18°♉24'29	18°19'30
asc. node	-3715 Jul 04 j 12:47	24°♉25'43	
	-3715 Jul 08 j 01:12	0°♊	
morning set	-3715 Jul 15 j 15:22	13°♊53'08	
	-3715 Jul 24 j 04:52	0°♋	
superior conj	-3715 Jul 25 j 00:47	1°♋31'16	1°46'57
minimum elong	-3715 Jul 25 j 02:27	1°♋38'54	1°47'03
max. Earth dist.	-3715 Aug 01 j 12:03	14°♋45'11	1.40583 AU
evening rise	-3715 Aug 06 j 06:26	22°♋45'44	
	-3715 Aug 10 j 17:51	0°♌	
desc. node	-3715 Aug 15 j 18:52	7°♌51'15	
	-3715 Aug 31 j 06:27	0°♍	
evening max el	-3715 Sep 09 j 15:51	11°♍06'41	23°12'54
retrograde	-3715 Sep 19 j 22:03	17°♍11'10	
evening set	-3715 Sep 24 j 20:00	15°♍08'46	
inferior conj	-3715 Sep 30 j 03:26	8°♍50'09	-0°07'13
minimum elong	-3715 Sep 30 j 03:36	8°♍49'35	0°07'05
transit middle	-3715 Sep 30 j 03:36	8°♍49'35	0°07'05
transit begin	-3715 Sep 30 j 01:10	8°♍57'58	
transit end	-3715 Sep 30 j 06:03	8°♍41'13	
min. Earth dist.	-3715 Sep 29 j 20:50	9°♍12'52	0.67435 AU
asc. node	-3715 Sep 30 j 11:51	8°♍21'15	
morning rise	-3715 Oct 05 j 11:06	2°♍38'27	
direct	-3715 Oct 09 j 16:42	0°♍59'05	
morning max el	-3715 Oct 18 j 12:15	6°♍11'58	21°31'48
	-3715 Nov 05 j 12:16	0°♎	
desc. node	-3715 Nov 11 j 18:40	9°♎24'22	
morning set	-3715 Nov 18 j 19:46	20°♎20'58	
	-3715 Nov 24 j 19:47	0°♏	
max. Earth dist.	-3715 Nov 25 j 23:55	1°♏55'29	1.41999 AU
superior conj	-3715 Dec 03 j 10:15	14°♏28'26	-1°49'32
minimum elong	-3715 Dec 03 j 06:49	14°♏13'35	1°49'27
	-3715 Dec 12 j 03:54	0°♐	
evening rise	-3715 Dec 14 j 10:18	4°♐07'42	
asc. node	-3715 Dec 27 j 10:51	26°♐12'25	
	-3715 Dec 30 j 14:01	0°♑	
evening max el	-3715 Dec 30 j 23:24	0°♑23'47	18°09'26
retrograde	-3714 Jan 06 j 18:50	3°♑52'20	
evening set	-3714 Jan 09 j 10:32	3°♑21'08	
	-3714 Jan 14 j 11:29	30°℞♐	
inferior conj	-3714 Jan 16 j 04:55	28°♐25'33	4°02'18
minimum elong	-3714 Jan 16 j 04:45	28°♐25'56	4°02'09
min. Earth dist.	-3714 Jan 19 j 08:25	25°♐30'04	0.60975 AU
morning rise	-3714 Jan 22 j 21:34	22°♐42'41	
direct	-3714 Jan 29 j 19:08	20°♐25'06	
desc. node	-3714 Feb 07 j 18:07	23°♐46'05	
morning max el	-3714 Feb 12 j 21:40	28°♐07'06	27°31'54
	-3714 Feb 14 j 17:52	0°♑	
	-3714 Mar 07 j 13:52	0°♒	
morning set	-3714 Mar 17 j 00:27	18°♒08'36	
	-3714 Mar 22 j 14:34	0°♓	
max. Earth dist.	-3714 Mar 23 j 06:27	1°♓26'21	1.32623 AU
superior conj	-3714 Mar 24 j 05:40	3°♓32'52	-0°12'27
minimum elong	-3714 Mar 24 j 06:14	3°♓35'57	0°12'24
behind sun begin	-3714 Mar 24 j 03:05	3°♓18'45	
behind sun end	-3714 Mar 24 j 09:23	3°♓53'09	
asc. node	-3714 Mar 25 j 10:16	6°♓09'03	
evening rise	-3714 Mar 31 j 04:51	18°♓36'23	
	-3714 Apr 05 j 20:22	0°♈	
	-3714 Apr 26 j 03:26	0°♉	
evening max el	-3714 Apr 26 j 21:09	0°♉43'19	25°12'45
desc. node	-3714 May 06 j 16:53	7°♉10'54	
retrograde	-3714 May 10 j 22:32	7°♉52'47	
evening set	-3714 May 16 j 04:37	6°♉48'43	
min. Earth dist.	-3714 May 21 j 09:29	3°♉57'59	0.57725 AU
inferior conj	-3714 May 24 j 12:09	1°♉50'01	-3°58'08
minimum elong	-3714 May 24 j 08:01	1°♉57'11	3°57'29
	-3714 May 27 j 06:36	30°℞♈	
morning rise	-3714 Jun 01 j 14:19	27°♈35'14	
direct	-3714 Jun 04 j 02:09	27°♈16'31	
	-3714 Jun 11 j 04:31	0°♉	
morning max el	-3714 Jun 12 j 17:50	1°♉19'43	19°00'07
asc. node	-3714 Jun 21 j 09:50	12°♉57'14	
morning set	-3714 Jun 29 j 10:53	27°♉55'57	
	-3714 Jun 30 j 12:04	0°♊	
superior conj	-3714 Jul 07 j 22:40	14°♊34'22	1°48'33
minimum elong	-3714 Jul 07 j 22:03	14°♊31'23	1°48'42
max. Earth dist.	-3714 Jul 14 j 14:05	26°♊56'39	1.38631 AU
	-3714 Jul 16 j 07:07	0°♋	
evening rise	-3714 Jul 18 j 12:00	3°♋51'38	
desc. node	-3714 Aug 02 j 15:54	28°♋12'55	
	-3714 Aug 03 j 20:53	0°♌	
evening max el	-3714 Aug 23 j 03:28	24°♌36'03	24°32'57
	-3714 Aug 30 j 00:52	0°♍	
retrograde	-3714 Sep 03 j 11:43	1°♍14'12	
	-3714 Sep 07 j 12:42	30°℞♌	
evening set	-3714 Sep 09 j 00:36	28°♌52'47	
min. Earth dist.	-3714 Sep 13 j 16:06	23°♌31'27	0.67213 AU
inferior conj	-3714 Sep 14 j 09:10	22°♌34'17	-1°00'49
minimum elong	-3714 Sep 14 j 10:36	22°♌29'29	1°00'08
asc. node	-3714 Sep 17 j 08:58	18°♌47'42	
morning rise	-3714 Sep 19 j 20:34	16°♌28'54	
direct	-3714 Sep 23 j 13:57	15°♌09'06	
morning max el	-3714 Oct 01 j 10:05	19°♌42'52	20°18'10
	-3714 Oct 09 j 16:27	0°♍	
morning set	-3714 Oct 28 j 18:36	28°♍33'20	
desc. node	-3714 Oct 29 j 15:36	29°♍54'46	
	-3714 Oct 29 j 16:57	0°♎	
max. Earth dist.	-3714 Nov 08 j 09:04	15°♎15'20	1.43582 AU
superior conj	-3714 Nov 14 j 01:55	24°♎31'09	-1°28'08
minimum elong	-3714 Nov 13 j 19:12	24°♎03'33	1°27'34
	-3714 Nov 17 j 09:12	0°♏	
evening rise	-3714 Nov 26 j 20:22	16°♏09'46	
	-3714 Dec 04 j 21:19	0°♐	
asc. node	-3714 Dec 14 j 07:56	13°♐27'35	
evening max el	-3714 Dec 14 j 11:43	13°♐37'13	18°11'21
retrograde	-3714 Dec 21 j 00:50	17°♐06'36	
evening set	-3714 Dec 23 j 19:57	16°♐26'58	
inferior conj	-3714 Dec 30 j 03:20	11°♐10'30	3°52'13
minimum elong	-3714 Dec 30 j 01:14	11°♐16'04	3°51'50
min. Earth dist.	-3713 Jan 01 j 17:56	8°♐25'29	0.62870 AU
morning rise	-3713 Jan 05 j 05:46	5°♐15'34	
direct	-3713 Jan 12 j 07:25	2°♐33'43	
desc. node	-3713 Jan 25 j 15:11	9°♐48'12	
morning max el	-3713 Jan 26 j 03:27	10°♐18'04	27°42'11
	-3713 Feb 10 j 15:14	0°♑	
	-3713 Feb 27 j 19:26	0°♒	
morning set	-3713 Mar 01 j 02:09	2°♒33'27	
max. Earth dist.	-3713 Mar 06 j 14:54	14°♒03'19	1.33043 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3713 Mar 08 j 14:58	18°♒21'11	-0°37'37
minimum elong	-3713 Mar 08 j 16:39	18°♒30'15	0°37'22
asc. node	-3713 Mar 12 j 07:17	26°♒18'41	
	-3713 Mar 14 j 00:27	0°♓	
evening rise	-3713 Mar 15 j 16:31	3°♓32'42	
	-3713 Mar 30 j 04:12	0°♈	
evening max el	-3713 Apr 08 j 13:01	11°♈29'04	23°41'53
retrograde	-3713 Apr 22 j 04:52	18°♈17'27	
desc. node	-3713 Apr 23 j 14:02	18°♈13'10	
evening set	-3713 Apr 26 j 02:42	17°♈43'48	
min. Earth dist.	-3713 May 03 j 00:16	14°♈30'59	0.56137 AU
inferior conj	-3713 May 05 j 04:11	13°♈12'37	-2°57'07
minimum elong	-3713 May 04 j 22:08	13°♈21'47	2°55'32
morning rise	-3713 May 13 j 20:26	9°♈12'52	
direct	-3713 May 16 j 08:37	8°♈56'54	
morning max el	-3713 May 26 j 12:22	13°♈39'47	20°01'15
	-3713 Jun 07 j 04:01	0°♉	
asc. node	-3713 Jun 08 j 06:51	2°♉03'02	
morning set	-3713 Jun 13 j 13:50	12°♉23'30	
superior conj	-3713 Jun 21 j 10:34	28°♉21'25	1°41'41
minimum elong	-3713 Jun 21 j 08:31	28°♉11'10	1°41'41
	-3713 Jun 22 j 06:20	0°♊	
max. Earth dist.	-3713 Jun 26 j 18:13	8°♊45'17	1.36782 AU
evening rise	-3713 Jun 30 j 17:14	16°♊07'45	
	-3713 Jul 08 j 16:46	0°♋	
desc. node	-3713 Jul 20 j 12:57	18°♋16'28	
	-3713 Jul 29 j 07:34	0°♌	
evening max el	-3713 Aug 05 j 14:16	8°♌07'37	25°45'50
retrograde	-3713 Aug 17 j 20:55	15°♌10'53	
evening set	-3713 Aug 24 j 00:43	12°♌33'20	
min. Earth dist.	-3713 Aug 28 j 07:38	7°♌49'13	0.66662 AU
inferior conj	-3713 Aug 29 j 12:08	6°♌18'11	-1°53'11
minimum elong	-3713 Aug 29 j 14:45	6°♌09'51	1°52'05
morning rise	-3713 Sep 04 j 04:54	0°♌22'20	
asc. node	-3713 Sep 04 j 06:04	0°♌20'30	
	-3713 Sep 04 j 20:27	30°℞♋	
direct	-3713 Sep 07 j 12:10	29°♋19'15	
	-3713 Sep 10 j 06:14	0°♌	
morning max el	-3713 Sep 14 j 15:08	3°♌22'35	19°18'01
	-3713 Oct 03 j 09:15	0°♍	
morning set	-3713 Oct 07 j 23:30	7°♍10'32	
desc. node	-3713 Oct 16 j 12:34	20°♍33'36	
max. Earth dist.	-3713 Oct 22 j 00:27	29°♍12'57	1.44564 AU
	-3713 Oct 22 j 12:21	0°♎	
superior conj	-3713 Oct 24 j 15:14	3°♎21'42	-0°50'05
minimum elong	-3713 Oct 24 j 09:17	2°♎58'04	0°49'22
evening rise	-3713 Nov 08 j 09:19	27°♎15'49	
	-3713 Nov 10 j 01:04	0°♏	
evening max el	-3713 Nov 28 j 00:09	26°♏59'22	18°31'48
asc. node	-3713 Dec 01 j 05:01	29°♏37'20	
	-3713 Dec 01 j 21:50	0°♐	
retrograde	-3713 Dec 04 j 15:15	0°♐40'12	
	-3713 Dec 07 j 07:48	30°℞♏	
evening set	-3713 Dec 07 j 14:54	29°♏50'47	
inferior conj	-3713 Dec 13 j 13:46	24°♏15'51	3°26'12
minimum elong	-3713 Dec 13 j 10:45	24°♏24'40	3°25'27
min. Earth dist.	-3713 Dec 15 j 13:33	21°♏56'17	0.64471 AU
morning rise	-3713 Dec 19 j 06:11	18°♏11'56	
direct	-3713 Dec 26 j 02:47	15°♏20'47	
morning max el	-3712 Jan 08 j 12:39	23°♏02'00	27°17'33
desc. node	-3712 Jan 12 j 12:12	27°♏18'37	
	-3712 Jan 14 j 18:30	0°♐	
	-3712 Feb 03 j 20:58	0°♑	
morning set	-3712 Feb 12 j 19:25	16°♑28'49	
max. Earth dist.	-3712 Feb 17 j 15:11	26°♑10'21	1.33868 AU
	-3712 Feb 19 j 11:23	0°♒	
superior conj	-3712 Feb 20 j 20:20	2°♒53'17	-1°01'49
minimum elong	-3712 Feb 20 j 22:58	3°♒07'09	1°01'29
asc. node	-3712 Feb 27 j 04:17	16°♒20'15	
evening rise	-3712 Feb 28 j 03:24	18°♒21'32	
	-3712 Mar 04 j 22:55	0°♓	
evening max el	-3712 Mar 20 j 07:19	22°♓14'06	22°08'03
retrograde	-3712 Apr 01 j 23:38	28°♓24'01	
evening set	-3712 Apr 04 j 19:19	28°♓06'23	
desc. node	-3712 Apr 09 j 11:08	26°♓29'26	
min. Earth dist.	-3712 Apr 13 j 14:06	24°♓18'39	0.55254 AU
inferior conj	-3712 Apr 14 j 04:10	23°♓58'47	-1°17'42
minimum elong	-3712 Apr 14 j 00:39	24°♓03'46	1°16'31
morning rise	-3712 Apr 23 j 07:22	20°♓00'51	
direct	-3712 Apr 25 j 23:49	19°♓44'36	
morning max el	-3712 May 07 j 20:08	25°♓18'56	21°21'29
	-3712 May 12 j 03:10	0°♈	
asc. node	-3712 May 25 j 03:52	21°♈34'34	
morning set	-3712 May 27 j 21:48	27°♈08'57	
	-3712 May 29 j 06:48	0°♉	
superior conj	-3712 Jun 04 j 08:22	12°♉40'24	1°28'35
minimum elong	-3712 Jun 04 j 05:43	12°♉26'45	1°28'22
max. Earth dist.	-3712 Jun 08 j 05:46	20°♉36'50	1.35215 AU
evening rise	-3712 Jun 12 j 17:00	29°♉20'50	
	-3712 Jun 13 j 01:15	0°♊	
	-3712 Jun 30 j 20:13	0°♋	
desc. node	-3712 Jul 06 j 10:00	7°♋53'56	
evening max el	-3712 Jul 18 j 01:22	21°♋36'34	26°43'26
retrograde	-3712 Jul 31 j 01:15	28°♋54'49	
evening set	-3712 Aug 06 j 18:03	26°♋07'43	
min. Earth dist.	-3712 Aug 10 j 17:09	22°♋01'55	0.65754 AU
inferior conj	-3712 Aug 12 j 10:22	19°♋58'54	-2°42'24
minimum elong	-3712 Aug 12 j 13:53	19°♋48'25	2°41'07
morning rise	-3712 Aug 18 j 10:03	14°♋15'39	
direct	-3712 Aug 21 j 09:30	13°♋26'02	
asc. node	-3712 Aug 21 j 03:09	13°♋26'25	
morning max el	-3712 Aug 28 j 01:53	17°♋07'53	18°33'25
	-3712 Sep 06 j 14:05	0°♌	
morning set	-3712 Sep 17 j 03:57	16°♌58'12	
	-3712 Sep 25 j 06:39	0°♍	
desc. node	-3712 Oct 02 j 09:30	11°♍16'49	
superior conj	-3712 Oct 02 j 14:51	11°♍37'56	-0°01'26
minimum elong	-3712 Oct 02 j 14:39	11°♍37'10	0°01'21
behind sun begin	-3712 Oct 02 j 03:20	10°♍52'29	
behind sun end	-3712 Oct 03 j 01:59	12°♍21'50	
max. Earth dist.	-3712 Oct 03 j 18:17	13°♍26'05	1.44839 AU
	-3712 Oct 14 j 06:46	0°♎	
evening rise	-3712 Oct 18 j 21:34	7°♎17'47	
greatest brilliancy	-3712 Oct 27 j 18:36	21°♎19'19	-0.8m
	-3712 Nov 02 j 10:33	0°♏	
evening max el	-3712 Nov 10 j 10:08	10°♏24'58	19°09'42
retrograde	-3712 Nov 17 j 10:26	14°♏26'10	
asc. node	-3712 Nov 17 j 02:06	14°♏25'29	
evening set	-3712 Nov 20 j 16:22	13°♏25'00	
inferior conj	-3712 Nov 26 j 08:50	7°♏34'39	2°49'19
minimum elong	-3712 Nov 26 j 05:44	7°♏44'25	2°48'20
min. Earth dist.	-3712 Nov 27 j 18:29	5°♏48'26	0.65720 AU
morning rise	-3712 Dec 01 j 18:49	1°♏24'23	
	-3712 Dec 03 j 15:37	30°℞♎	
direct	-3712 Dec 08 j 04:32	28°♎37'19	
	-3712 Dec 13 j 04:19	0°♏	
morning max el	-3712 Dec 20 j 22:24	6°♏05'13	26°23'49
desc. node	-3712 Dec 29 j 09:13	15°♏50'51	
	-3711 Jan 08 j 11:07	0°♐	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3711 Jan 26 j 00:26	29°♐42'16	
	-3711 Jan 26 j 04:12	0°♑	
max. Earth dist.	-3711 Jan 30 j 04:00	7°♑40'58	1.35132 AU
superior conj	-3711 Feb 03 j 19:30	17°♑01'31	-1°23'44
minimum elong	-3711 Feb 03 j 22:39	17°♑17'44	1°23'27
	-3711 Feb 10 j 01:34	0°♒	
evening rise	-3711 Feb 11 j 11:37	2°♒56'08	
asc. node	-3711 Feb 13 j 01:18	6°♒08'35	
	-3711 Feb 27 j 06:27	0°♓	
evening max el	-3711 Mar 02 j 09:53	3°♓23'26	20°43'23
retrograde	-3711 Mar 13 j 13:20	8°♓42'00	
evening set	-3711 Mar 15 j 21:11	8°♓29'00	
inferior conj	-3711 Mar 24 j 23:34	4°♓31'12	0°39'11
minimum elong	-3711 Mar 25 j 01:20	4°♓28'39	0°38'30
min. Earth dist.	-3711 Mar 26 j 04:20	3°♓49'42	0.55282 AU
desc. node	-3711 Mar 27 j 08:13	3°♓10'11	
morning rise	-3711 Apr 03 j 04:21	0°♓16'30	
	-3711 Apr 04 j 15:53	30°℞♒	
direct	-3711 Apr 06 j 11:53	29°♒52'35	
	-3711 Apr 08 j 07:29	0°♓	
morning max el	-3711 Apr 19 j 17:53	6°♓19'15	22°56'04
	-3711 May 06 j 07:04	0°♈	
morning set	-3711 May 12 j 08:47	12°♈06'05	
asc. node	-3711 May 12 j 00:53	11°♈24'57	
superior conj	-3711 May 19 j 12:54	27°♈21'34	1°10'54
minimum elong	-3711 May 19 j 10:20	27°♈07'54	1°10'34
	-3711 May 20 j 18:48	0°♉	
max. Earth dist.	-3711 May 22 j 03:13	2°♉50'18	1.34011 AU
evening rise	-3711 May 27 j 06:20	13°♉16'41	
	-3711 Jun 05 j 06:42	0°♊	
desc. node	-3711 Jun 23 j 07:02	26°♊54'19	
	-3711 Jun 25 j 21:16	0°♋	
evening max el	-3711 Jun 30 j 12:34	4°♋54'39	27°18'09
retrograde	-3711 Jul 14 j 00:17	12°♋18'29	
evening set	-3711 Jul 21 j 01:52	9°♋32'23	
min. Earth dist.	-3711 Jul 24 j 18:38	6°♋02'56	0.64469 AU
inferior conj	-3711 Jul 27 j 01:36	3°♋32'51	-3°25'54
minimum elong	-3711 Jul 27 j 05:27	3°♋22'18	3°24'47
	-3711 Jul 30 j 14:04	30°℞♊	
morning rise	-3711 Aug 02 j 09:42	28°♊05'11	
direct	-3711 Aug 05 j 03:39	27°♊25'50	
asc. node	-3711 Aug 08 j 00:14	28°♊08'13	
	-3711 Aug 10 j 16:52	0°♋	
morning max el	-3711 Aug 11 j 16:02	0°♋54'40	18°05'44
morning set	-3711 Aug 29 j 11:52	28°♋05'06	
	-3711 Aug 30 j 15:04	0°♌	
superior conj	-3711 Sep 11 j 23:23	20°♌24'23	0°45'29
minimum elong	-3711 Sep 12 j 04:18	20°♌44'12	0°44'57
max. Earth dist.	-3711 Sep 16 j 11:32	27°♌37'07	1.44393 AU
	-3711 Sep 17 j 23:35	0°♍	
desc. node	-3711 Sep 19 j 06:28	2°♍01'49	
evening rise	-3711 Sep 28 j 11:14	16°♍22'48	
	-3711 Oct 07 j 08:09	0°♎	
greatest brilliancy	-3711 Oct 12 j 02:22	7°♎09'46	-0.6m
evening max el	-3711 Oct 24 j 15:42	23°♎51'41	20°03'21
retrograde	-3711 Nov 01 j 07:32	28°♎20'53	
asc. node	-3711 Nov 03 j 23:11	27°♎40'04	
evening set	-3711 Nov 04 j 21:57	27°♎05'23	
inferior conj	-3711 Nov 10 j 09:50	21°♎02'54	2°05'03
minimum elong	-3711 Nov 10 j 07:15	21°♎11'30	2°04'05
min. Earth dist.	-3711 Nov 11 j 06:49	19°♎53'04	0.66616 AU
morning rise	-3711 Nov 15 j 16:19	14°♎48'52	
direct	-3711 Nov 21 j 11:57	12°♎15'48	
morning max el	-3711 Dec 03 j 07:10	19°♎16'30	25°09'39
	-3711 Dec 12 j 10:55	0°♏	
desc. node	-3711 Dec 16 j 06:14	5°♏06'47	
	-3710 Jan 01 j 13:37	0°♐	
morning set	-3710 Jan 08 j 12:07	11°♐59'03	
max. Earth dist.	-3710 Jan 12 j 05:29	18°♐47'15	1.36829 AU
superior conj	-3710 Jan 18 j 09:32	0°♑37'40	-1°41'36
minimum elong	-3710 Jan 18 j 12:29	0°♑52'16	1°41'30
	-3710 Jan 18 j 01:53	0°♑	
evening rise	-3710 Jan 26 j 15:09	17°♑10'29	
asc. node	-3710 Jan 30 j 22:19	25°♑38'19	
	-3710 Feb 02 j 06:39	0°♒	
evening max el	-3710 Feb 12 j 23:10	15°♒08'40	19°35'01
retrograde	-3710 Feb 22 j 10:01	19°♒37'58	
evening set	-3710 Feb 24 j 17:35	19°♒23'03	
inferior conj	-3710 Mar 05 j 04:26	15°♒18'28	2°20'58
minimum elong	-3710 Mar 05 j 09:18	15°♒10'39	2°19'29
min. Earth dist.	-3710 Mar 07 j 19:00	13°♒38'42	0.56223 AU
morning rise	-3710 Mar 13 j 22:26	10°♒35'04	
desc. node	-3710 Mar 14 j 05:21	10°♒29'34	
direct	-3710 Mar 18 j 08:59	9°♒50'34	
morning max el	-3710 Apr 01 j 09:25	16°♒55'44	24°35'09
	-3710 Apr 11 j 23:37	0°♓	
morning set	-3710 Apr 26 j 20:57	27°♓08'13	
	-3710 Apr 28 j 05:26	0°♈	
asc. node	-3710 Apr 28 j 21:53	1°♈27'51	
superior conj	-3710 May 03 j 21:43	12°♈16'04	0°49'57
minimum elong	-3710 May 03 j 19:42	12°♈05'05	0°49'36
max. Earth dist.	-3710 May 05 j 09:26	15°♈28'54	1.33179 AU
evening rise	-3710 May 11 j 05:12	27°♈42'03	
	-3710 May 12 j 08:34	0°♉	
	-3710 May 29 j 13:13	0°♊	
desc. node	-3710 Jun 10 j 04:08	15°♊01'15	
evening max el	-3710 Jun 12 j 21:59	17°♊49'02	27°23'42
retrograde	-3710 Jun 26 j 17:07	25°♊12'12	
evening set	-3710 Jul 03 j 20:34	22°♊40'27	
min. Earth dist.	-3710 Jul 07 j 10:34	19°♊40'30	0.62822 AU
inferior conj	-3710 Jul 10 j 06:58	16°♊53'14	-4°00'02
minimum elong	-3710 Jul 10 j 10:13	16°♊45'16	3°59'22
morning rise	-3710 Jul 17 j 00:58	11°♊44'07	
direct	-3710 Jul 19 j 15:35	11°♊12'25	
asc. node	-3710 Jul 25 j 21:19	14°♊13'39	
morning max el	-3710 Jul 26 j 06:54	14°♊36'41	17°56'02
	-3710 Aug 05 j 22:20	0°♋	
morning set	-3710 Aug 11 j 19:03	10°♋18'46	
superior conj	-3710 Aug 23 j 08:44	0°♌24'49	1°20'34
minimum elong	-3710 Aug 23 j 14:14	0°♌47'56	1°20'09
	-3710 Aug 23 j 02:51	0°♌	
max. Earth dist.	-3710 Aug 30 j 01:44	11°♌29'44	1.43289 AU
desc. node	-3710 Sep 06 j 03:25	22°♌45'02	
evening rise	-3710 Sep 07 j 15:24	25°♌05'21	
	-3710 Sep 10 j 19:43	0°♍	
	-3710 Oct 01 j 11:24	0°♎	
evening max el	-3710 Oct 07 j 15:24	7°♎17'59	21°10'16
retrograde	-3710 Oct 16 j 04:25	12°♎21'34	
evening set	-3710 Oct 20 j 05:35	10°♎49'08	
asc. node	-3710 Oct 21 j 20:17	9°♎21'00	
inferior conj	-3710 Oct 25 j 14:31	4°♎37'45	1°15'50
minimum elong	-3710 Oct 25 j 12:50	4°♎43'31	1°15'08
min. Earth dist.	-3710 Oct 26 j 00:10	4°♎04'37	0.67177 AU
	-3710 Oct 29 j 04:52	30°℞♍	
morning rise	-3710 Oct 30 j 19:53	28°♍22'36	
direct	-3710 Nov 05 j 00:17	26°♍09'22	
	-3710 Nov 12 j 23:26	0°♎	
morning max el	-3710 Nov 15 j 15:59	2°♎30'57	23°44'56

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3710 Dec 03 j 03:13	24°♎53'42	
	-3710 Dec 06 j 14:11	0°♏	
morning set	-3710 Dec 21 j 00:21	23°♏02'45	
max. Earth dist.	-3710 Dec 25 j 01:22	0°♐02'57	1.38832 AU
	-3710 Dec 25 j 00:42	0°♐	
superior conj	-3709 Jan 01 j 10:36	13°♐31'12	-1°52'57
minimum elong	-3709 Jan 01 j 12:12	13°♐38'44	1°53'02
	-3709 Jan 09 j 23:35	0°♑	
evening rise	-3709 Jan 10 j 11:33	0°♑58'19	
asc. node	-3709 Jan 17 j 19:22	14°♑43'01	
evening max el	-3709 Jan 26 j 22:16	27°♑28'36	18°46'00
	-3709 Jan 30 j 04:47	0°♒	
retrograde	-3709 Feb 03 j 23:49	1°♒22'24	
evening set	-3709 Feb 06 j 10:36	1°♒02'15	
	-3709 Feb 09 j 01:47	30°℞♑	
inferior conj	-3709 Feb 14 j 03:58	26°♑40'01	3°27'36
minimum elong	-3709 Feb 14 j 08:01	26°♑32'29	3°26'45
min. Earth dist.	-3709 Feb 17 j 11:11	24°♑14'06	0.57844 AU
morning rise	-3709 Feb 22 j 02:57	21°♑28'04	
direct	-3709 Feb 27 j 18:50	20°♑09'46	
desc. node	-3709 Mar 01 j 02:28	20°♑14'02	
morning max el	-3709 Mar 14 j 01:02	27°♑36'20	26°04'30
	-3709 Mar 16 j 09:02	0°♒	
	-3709 Apr 05 j 07:00	0°♓	
morning set	-3709 Apr 11 j 08:42	12°♓09'33	
asc. node	-3709 Apr 15 j 18:54	21°♓38'38	
superior conj	-3709 Apr 18 j 08:54	27°♓17'17	0°26'44
minimum elong	-3709 Apr 18 j 07:45	27°♓10'58	0°26'29
max. Earth dist.	-3709 Apr 18 j 21:16	28°♓24'53	1.32701 AU
	-3709 Apr 19 j 14:42	0°♈	
evening rise	-3709 Apr 25 j 10:32	12°♈26'47	
	-3709 May 04 j 12:29	0°♉	
	-3709 May 25 j 23:58	0°♊	
evening max el	-3709 May 26 j 02:58	0°♊07'11	26°56'29
desc. node	-3709 May 28 j 01:13	1°♊52'00	
retrograde	-3709 Jun 09 j 02:38	7°♊27'25	
evening set	-3709 Jun 15 j 22:02	5°♊23'35	
min. Earth dist.	-3709 Jun 19 j 16:29	2°♊40'30	0.60888 AU
inferior conj	-3709 Jun 22 j 23:07	29°♉51'51	-4°19'12
minimum elong	-3709 Jun 23 j 00:23	29°♉49'06	4°19'01
	-3709 Jun 22 j 19:21	30°℞♉	
morning rise	-3709 Jun 30 j 04:29	25°♉03'51	
direct	-3709 Jul 02 j 17:29	24°♉38'01	
morning max el	-3709 Jul 09 j 19:45	28°♉07'17	18°05'15
	-3709 Jul 11 j 14:00	0°♊	
asc. node	-3709 Jul 12 j 18:23	1°♊27'11	
morning set	-3709 Jul 25 j 19:56	23°♊24'08	
	-3709 Jul 29 j 09:24	0°♋	
superior conj	-3709 Aug 04 j 21:30	11°♋47'07	1°41'06
minimum elong	-3709 Aug 05 j 00:44	12°♋01'29	1°41'04
max. Earth dist.	-3709 Aug 12 j 10:47	24°♋48'12	1.41671 AU
	-3709 Aug 15 j 14:10	0°♌	
evening rise	-3709 Aug 18 j 05:59	4°♌18'29	
desc. node	-3709 Aug 24 j 00:24	13°♌23'16	
	-3709 Sep 04 j 04:03	0°♍	
evening max el	-3709 Sep 20 j 09:01	20°♍43'40	22°26'38
retrograde	-3709 Sep 29 j 23:25	26°♍25'44	
evening set	-3709 Oct 04 j 13:25	24°♍34'19	
asc. node	-3709 Oct 08 j 17:25	19°♍51'46	
inferior conj	-3709 Oct 09 j 20:57	18°♍17'20	0°23'34
minimum elong	-3709 Oct 09 j 20:24	18°♍19'14	0°23'22
min. Earth dist.	-3709 Oct 09 j 20:09	18°♍20'09	0.67430 AU
morning rise	-3709 Oct 15 j 03:17	12°♍03'45	
direct	-3709 Oct 19 j 16:46	10°♍12'20	
morning max el	-3709 Oct 29 j 03:48	15°♍49'40	22°18'51
	-3709 Nov 09 j 14:51	0°♎	
desc. node	-3709 Nov 20 j 00:10	15°♎02'09	
	-3709 Nov 29 j 15:47	0°♏	
morning set	-3709 Dec 01 j 08:06	2°♏42'07	
max. Earth dist.	-3709 Dec 06 j 23:30	12°♏00'48	1.40897 AU
superior conj	-3709 Dec 14 j 17:34	25°♏27'49	-1°54'33
minimum elong	-3709 Dec 14 j 16:19	25°♏22'13	1°54'38
	-3709 Dec 17 j 05:58	0°♐	
evening rise	-3709 Dec 24 j 21:41	14°♐11'13	
	-3708 Jan 02 j 15:55	0°♑	
asc. node	-3708 Jan 04 j 16:26	3°♑13'34	
evening max el	-3708 Jan 10 j 04:38	10°♑14'44	18°17'02
retrograde	-3708 Jan 17 j 08:05	13°♑48'47	
evening set	-3708 Jan 19 j 21:59	13°♑21'56	
inferior conj	-3708 Jan 26 j 23:52	8°♑38'27	3°58'09
minimum elong	-3708 Jan 27 j 01:14	8°♑35'30	3°57'55
min. Earth dist.	-3708 Jan 30 j 07:50	5°♑46'55	0.59809 AU
morning rise	-3708 Feb 03 j 02:41	3°♑04'34	
direct	-3708 Feb 09 j 16:27	1°♑07'22	
desc. node	-3708 Feb 15 j 23:33	2°♑46'47	
morning max el	-3708 Feb 23 j 21:43	8°♑45'29	27°09'38
	-3708 Mar 11 j 02:58	0°♒	
morning set	-3708 Mar 25 j 18:10	27°♒02'37	
	-3708 Mar 27 j 04:02	0°♓	
superior conj	-3708 Apr 01 j 20:39	12°♓18'04	0°02'05
minimum elong	-3708 Apr 01 j 20:33	12°♓17'34	0°02'01
behind sun begin	-3708 Apr 01 j 15:35	11°♓50'21	
behind sun end	-3708 Apr 02 j 01:32	12°♓44'48	
max. Earth dist.	-3708 Apr 01 j 10:48	11°♓24'12	1.32554 AU
asc. node	-3708 Apr 01 j 15:54	11°♓52'06	
evening rise	-3708 Apr 08 j 19:51	27°♓21'20	
	-3708 Apr 10 j 02:21	0°♈	
	-3708 Apr 27 j 05:58	0°♉	
evening max el	-3708 May 07 j 01:31	11°♉41'50	25°57'50
desc. node	-3708 May 13 j 22:20	16°♉55'18	
retrograde	-3708 May 21 j 03:30	18°♉57'33	
evening set	-3708 May 27 j 02:33	17°♉31'05	
min. Earth dist.	-3708 May 31 j 14:01	14°♉47'58	0.58841 AU
inferior conj	-3708 Jun 03 j 22:20	12°♉18'40	-4°15'08
minimum elong	-3708 Jun 03 j 20:16	12°♉22'33	4°14'54
morning rise	-3708 Jun 11 j 16:35	7°♉52'46	
direct	-3708 Jun 14 j 04:47	7°♉31'44	
morning max el	-3708 Jun 22 j 03:44	11°♉18'12	18°34'18
asc. node	-3708 Jun 28 j 15:27	19°♉33'47	
	-3708 Jul 04 j 15:41	0°♊	
morning set	-3708 Jul 08 j 09:43	7°♊08'42	
superior conj	-3708 Jul 17 j 09:00	24°♊18'33	1°48'50
minimum elong	-3708 Jul 17 j 09:36	24°♊21'22	1°48'59
	-3708 Jul 20 j 11:08	0°♋	
max. Earth dist.	-3708 Jul 24 j 14:21	7°♋22'27	1.39755 AU
evening rise	-3708 Jul 28 j 20:20	14°♋39'51	
	-3708 Aug 07 j 08:35	0°♌	
desc. node	-3708 Aug 09 j 21:25	3°♌52'36	
	-3708 Aug 29 j 01:19	0°♍	
evening max el	-3708 Sep 01 j 21:57	4°♍10'50	23°47'14
retrograde	-3708 Sep 12 j 15:27	10°♍30'46	
evening set	-3708 Sep 17 j 19:44	8°♍19'50	
min. Earth dist.	-3708 Sep 22 j 16:21	2°♍38'26	0.67378 AU
inferior conj	-3708 Sep 23 j 03:26	2°♍00'40	-0°30'00
minimum elong	-3708 Sep 23 j 04:08	1°♍58'16	0°29'38
asc. node	-3708 Sep 24 j 14:31	0°♍02'52	
	-3708 Sep 24 j 15:24	30°℞♌	
morning rise	-3708 Sep 28 j 12:30	25°♌51'28	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3708 Oct 02 j 12:34	24°♌20'58		
morning max el	-3708 Oct 10 j 21:37	29°♌16'24	20°59'04	
	-3708 Oct 11 j 14:21	0°♍		
	-3708 Nov 02 j 07:43	0°♎		
desc. node	-3708 Nov 05 j 21:08	5°♎26'17		
morning set	-3708 Nov 09 j 14:29	11°♎12'34		
max. Earth dist.	-3708 Nov 18 j 04:14	24°♎51'58	1.42730 AU	
	-3708 Nov 21 j 07:18	0°♏		
superior conj	-3708 Nov 25 j 00:50	6°♏14'40	-1°42'32	
minimum elong	-3708 Nov 24 j 19:47	5°♏53'18	1°42'16	
evening rise	-3708 Dec 06 j 17:50	26°♏41'54		
	-3708 Dec 08 j 14:11	0°♐		
asc. node	-3708 Dec 21 j 13:30	20°♐59'49		
evening max el	-3708 Dec 23 j 15:33	23°♐20'03	18°07'53	
retrograde	-3708 Dec 30 j 07:24	26°♐47'55		
evening set	-3707 Jan 02 j 00:20	26°♐13'25		
inferior conj	-3707 Jan 08 j 13:42	21°♐08'44	4°00'23	
minimum elong	-3707 Jan 08 j 12:35	21°♐11'30	4°00'10	
min. Earth dist.	-3707 Jan 11 j 12:13	18°♐15'10	0.61803 AU	
morning rise	-3707 Jan 14 j 23:43	15°♐19'54		
direct	-3707 Jan 22 j 00:09	12°♐50'11		
desc. node	-3707 Feb 01 j 20:38	17°♐42'51		
morning max el	-3707 Feb 05 j 00:41	20°♐34'34	27°40'48	
	-3707 Feb 13 j 05:03	0°♑		
	-3707 Mar 04 j 00:28	0°♒		
morning set	-3707 Mar 09 j 23:23	11°♒40'11		
max. Earth dist.	-3707 Mar 15 j 22:05	24°♒12'33	1.32751 AU	
superior conj	-3707 Mar 17 j 07:19	27°♒12'40	-0°23'10	
minimum elong	-3707 Mar 17 j 08:22	27°♒18'21	0°23'02	
	-3707 Mar 18 j 14:05	0°♓		
asc. node	-3707 Mar 19 j 12:54	2°♓04'16		
evening rise	-3707 Mar 24 j 07:09	12°♓18'37		
	-3707 Apr 02 j 08:22	0°♈		
evening max el	-3707 Apr 18 j 18:34	22°♈39'47	24°35'19	
desc. node	-3707 Apr 30 j 19:28	29°♈34'31		
retrograde	-3707 May 02 j 17:40	29°♈43'06		
evening set	-3707 May 07 j 09:58	28°♈53'29		
min. Earth dist.	-3707 May 13 j 06:34	25°♈54'34	0.56978 AU	
inferior conj	-3707 May 16 j 01:49	24°♈05'46	-3°37'23	
minimum elong	-3707 May 15 j 20:27	24°♈14'30	3°36'17	
morning rise	-3707 May 24 j 10:05	19°♈58'42		
direct	-3707 May 26 j 21:39	19°♈41'33		
morning max el	-3707 Jun 05 j 03:57	23°♈59'54	19°23'41	
	-3707 Jun 10 j 06:51	0°♉		
asc. node	-3707 Jun 15 j 12:28	8°♉21'00		
morning set	-3707 Jun 22 j 08:41	21°♉22'40		
	-3707 Jun 26 j 16:03	0°♊		
superior conj	-3707 Jun 30 j 13:25	7°♊42'11	1°46'33	
minimum elong	-3707 Jun 30 j 12:04	7°♊35'39	1°46'37	
max. Earth dist.	-3707 Jul 06 j 16:01	19°♊19'13	1.37814 AU	
evening rise	-3707 Jul 10 j 12:29	26°♊17'02		
	-3707 Jul 12 j 15:27	0°♋		
desc. node	-3707 Jul 27 j 18:27	24°♋07'29		
	-3707 Jul 31 j 21:05	0°♌		
evening max el	-3707 Aug 15 j 08:46	17°♌40'51	25°05'18	
retrograde	-3707 Aug 27 j 03:26	24°♌31'48		
evening set	-3707 Sep 01 j 22:40	22°♌02'57		
min. Earth dist.	-3707 Sep 06 j 10:23	16°♌57'02	0.67015 AU	
inferior conj	-3707 Sep 07 j 08:12	15°♌45'12	-1°23'19	
minimum elong	-3707 Sep 07 j 10:09	15°♌38'46	1°22'25	
asc. node	-3707 Sep 11 j 11:37	10°♌52'21		
morning rise	-3707 Sep 12 j 21:41	9°♌43'21		
direct	-3707 Sep 16 j 10:22	8°♌31'13		
morning max el	-3707 Sep 23 j 22:36	12°♌51'25	19°50'43	
	-3707 Oct 06 j 19:28	0°♍		
morning set	-3707 Oct 19 j 12:49	19°♍26'50		
desc. node	-3707 Oct 23 j 18:06	26°♍00'47		
	-3707 Oct 26 j 07:12	0°♎		
max. Earth dist.	-3707 Oct 31 j 15:42	8°♎27'41	1.44080 AU	
superior conj	-3707 Nov 05 j 04:38	15°♎44'27	-1°13'52	
minimum elong	-3707 Nov 04 j 21:32	15°♎15'47	1°13'09	
	-3707 Nov 13 j 20:42	0°♏		
evening rise	-3707 Nov 18 j 19:25	8°♏20'46		
	-3707 Dec 01 j 22:59	0°♐		
evening max el	-3707 Dec 07 j 04:12	6°♐37'36	18°17'52	
asc. node	-3707 Dec 08 j 10:33	7°♐48'49		
retrograde	-3707 Dec 13 j 17:19	10°♐10'40		
evening set	-3707 Dec 16 j 14:07	9°♐27'12		
inferior conj	-3707 Dec 22 j 17:38	4°♐02'51	3°42'45	
minimum elong	-3707 Dec 22 j 15:02	4°♐10'05	3°42'12	
min. Earth dist.	-3707 Dec 25 j 02:07	1°♐26'55	0.63593 AU	
	-3707 Dec 26 j 11:38	30°℞♏		
morning rise	-3707 Dec 28 j 15:18	28°♏03'43		
direct	-3706 Jan 04 j 15:50	25°♏15'40		
	-3706 Jan 15 j 00:46	0°♐		
morning max el	-3706 Jan 18 j 08:08	3°♐00'21	27°35'40	
desc. node	-3706 Jan 19 j 17:41	4°♐25'51		
	-3706 Feb 07 j 13:33	0°♑		
morning set	-3706 Feb 21 j 21:53	25°♑53'45		
	-3706 Feb 23 j 22:45	0°♒		
max. Earth dist.	-3706 Feb 27 j 03:14	6°♒36'37	1.33331 AU	
superior conj	-3706 Mar 01 j 15:12	11°♒55'02	-0°48'04	
minimum elong	-3706 Mar 01 j 17:19	12°♒06'20	0°47'47	
asc. node	-3706 Mar 06 j 09:54	22°♒11'03		
evening rise	-3706 Mar 08 j 18:40	27°♒12'20		
	-3706 Mar 10 j 02:51	0°♓		
	-3706 Mar 28 j 06:07	0°♈		
evening max el	-3706 Mar 31 j 10:48	3°♈22'40	23°01'42	
retrograde	-3706 Apr 13 j 18:55	9°♈56'51		
evening set	-3706 Apr 17 j 03:52	9°♈31'58		
desc. node	-3706 Apr 17 j 16:34	9°♈23'46		
min. Earth dist.	-3706 Apr 24 j 21:08	6°♈06'02	0.55650 AU	
inferior conj	-3706 Apr 26 j 10:12	5°♈12'07	-2°19'00	
minimum elong	-3706 Apr 26 j 04:38	5°♈20'13	2°17'20	
morning rise	-3706 May 05 j 07:44	1°♈14'47		
direct	-3706 May 07 j 20:43	0°♈59'18		
morning max el	-3706 May 18 j 18:03	6°♈03'47	20°33'10	
asc. node	-3706 Jun 02 j 09:30	27°♈39'12		
	-3706 Jun 03 j 14:29	0°♉		
morning set	-3706 Jun 06 j 14:05	5°♉59'12		
superior conj	-3706 Jun 14 j 05:59	21°♉44'41	1°36'47	
minimum elong	-3706 Jun 14 j 03:36	21°♉32'33	1°36'41	
	-3706 Jun 18 j 09:08	0°♊		
max. Earth dist.	-3706 Jun 18 j 22:40	1°♊06'09	1.36076 AU	
evening rise	-3706 Jun 23 j 02:21	9°♊00'18		
	-3706 Jul 05 j 06:47	0°♋		
desc. node	-3706 Jul 14 j 15:29	14°♋01'23		
	-3706 Jul 27 j 14:34	0°♌		
evening max el	-3706 Jul 28 j 19:48	1°♌13'10	26°12'41	
retrograde	-3706 Aug 10 j 10:41	8°♌23'58		
evening set	-3706 Aug 16 j 20:12	5°♌41'41		
min. Earth dist.	-3706 Aug 20 j 23:47	1°♌13'30	0.66324 AU	
	-3706 Aug 21 j 23:25	30°℞♋		
inferior conj	-3706 Aug 22 j 09:26	29°♋28'44	-2°14'36	
minimum elong	-3706 Aug 22 j 12:28	29°♋19'16	2°13'22	
morning rise	-3706 Aug 28 j 04:56	23°♋37'33		
asc. node	-3706 Aug 29 j 08:43	23°♋03'22		
direct	-3706 Aug 31 j 08:36	22°♋40'31		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3706 Sep 07 j 06:14	26°♋33'46	18°56'54
	-3706 Sep 10 j 06:00	0°♌	
morning set	-3706 Sep 29 j 02:23	28°♌30'35	
	-3706 Sep 30 j 00:59	0°♍	
desc. node	-3706 Oct 10 j 15:02	16°♍41'52	
max. Earth dist.	-3706 Oct 14 j 08:18	22°♍33'25	1.44778 AU
superior conj	-3706 Oct 15 j 09:43	24°♍13'39	-0°30'04
minimum elong	-3706 Oct 15 j 05:50	23°♍58'20	0°29'32
	-3706 Oct 19 j 01:21	0°♎	
evening rise	-3706 Oct 30 j 22:00	18°♎59'27	
	-3706 Nov 06 j 17:04	0°♏	
evening max el	-3706 Nov 20 j 15:56	20°♏01'59	18°45'56
asc. node	-3706 Nov 25 j 07:38	23°♏25'46	
retrograde	-3706 Nov 27 j 10:00	23°♏50'02	
evening set	-3706 Nov 30 j 12:09	22°♏55'50	
inferior conj	-3706 Dec 06 j 08:04	17°♏14'09	3°11'36
minimum elong	-3706 Dec 06 j 04:56	17°♏23'39	3°10'43
min. Earth dist.	-3706 Dec 08 j 01:44	15°♏08'08	0.65054 AU
morning rise	-3706 Dec 11 j 21:23	11°♏07'29	
direct	-3706 Dec 18 j 14:05	8°♏16'28	
morning max el	-3706 Dec 31 j 17:34	15°♏52'57	26°57'42
desc. node	-3705 Jan 06 j 14:42	22°♏25'02	
	-3705 Jan 12 j 10:57	0°♐	
	-3705 Jan 31 j 07:34	0°♑	
morning set	-3705 Feb 05 j 10:24	9°♑32'25	
max. Earth dist.	-3705 Feb 09 j 22:44	18°♑27'11	1.34348 AU
superior conj	-3705 Feb 13 j 18:14	26°♑17'54	-1°11'29
minimum elong	-3705 Feb 13 j 21:09	26°♑33'09	1°11'10
	-3705 Feb 15 j 12:35	0°♒	
evening rise	-3705 Feb 21 j 04:38	11°♒55'47	
asc. node	-3705 Feb 21 j 06:54	12°♒07'32	
	-3705 Mar 02 j 15:13	0°♓	
evening max el	-3705 Mar 13 j 08:12	14°♓15'54	21°30'28
retrograde	-3705 Mar 25 j 09:41	20°♓04'06	
evening set	-3705 Mar 27 j 22:44	19°♓49'27	
desc. node	-3705 Apr 04 j 13:40	16°♓45'25	
inferior conj	-3705 Apr 06 j 06:27	15°♓48'36	-0°28'21
minimum elong	-3705 Apr 06 j 05:07	15°♓50'28	0°27'56
min. Earth dist.	-3705 Apr 06 j 10:57	15°♓42'17	0.55148 AU
morning rise	-3705 Apr 15 j 11:47	11°♓45'48	
direct	-3705 Apr 18 j 09:23	11°♓27'19	
morning max el	-3705 Apr 30 j 21:06	17°♓24'38	22°00'25
	-3705 May 10 j 19:21	0°♈	
asc. node	-3705 May 20 j 06:30	17°♈19'29	
morning set	-3705 May 21 j 23:35	20°♈50'26	
	-3705 May 26 j 08:05	0°♉	
superior conj	-3705 May 29 j 06:58	6°♉13'57	1°21'34
minimum elong	-3705 May 29 j 04:18	5°♉59'55	1°21'17
max. Earth dist.	-3705 Jun 01 j 14:43	13°♉07'05	1.34661 AU
evening rise	-3705 Jun 06 j 08:27	22°♉33'16	
	-3705 Jun 10 j 07:12	0°♊	
	-3705 Jun 28 j 23:31	0°♋	
desc. node	-3705 Jul 01 j 12:32	3°♋24'39	
evening max el	-3705 Jul 11 j 07:21	14°♋39'43	27°01'24
retrograde	-3705 Jul 24 j 12:36	22°♋00'18	
evening set	-3705 Jul 31 j 09:51	19°♋12'24	
min. Earth dist.	-3705 Aug 04 j 06:08	15°♋22'27	0.65262 AU
inferior conj	-3705 Aug 06 j 05:01	13°♋07'25	-3°01'43
minimum elong	-3705 Aug 06 j 08:46	12°♋56'37	3°00'27
morning rise	-3705 Aug 12 j 08:05	7°♋30'15	
direct	-3705 Aug 15 j 05:01	6°♋45'12	
asc. node	-3705 Aug 16 j 05:49	6°♋51'00	
morning max el	-3705 Aug 21 j 18:42	10°♋20'10	18°19'27
	-3705 Sep 04 j 09:15	0°♌	
morning set	-3705 Sep 09 j 18:50	8°♌53'30	
	-3705 Sep 22 j 19:23	0°♍	
superior conj	-3705 Sep 24 j 10:21	2°♍34'56	0°19'29
minimum elong	-3705 Sep 24 j 12:48	2°♍44'39	0°19'13
max. Earth dist.	-3705 Sep 27 j 02:52	6°♍50'18	1.44744 AU
desc. node	-3705 Sep 27 j 12:00	7°♍26'22	
evening rise	-3705 Oct 10 j 23:54	28°♍35'45	
	-3705 Oct 11 j 21:28	0°♎	
greatest brilliancy	-3705 Oct 22 j 05:31	16°♎02'16	-0.7m
	-3705 Oct 31 j 23:52	0°♏	
evening max el	-3705 Nov 04 j 00:20	3°♏28'56	19°30'43
retrograde	-3705 Nov 11 j 06:18	7°♏40'51	
asc. node	-3705 Nov 12 j 04:43	7°♏35'49	
evening set	-3705 Nov 14 j 15:41	6°♏33'41	
inferior conj	-3705 Nov 20 j 05:58	0°♏37'40	2°31'17
minimum elong	-3705 Nov 20 j 03:02	0°♏47'10	2°30'15
	-3705 Nov 20 j 17:35	30°℞♎	
min. Earth dist.	-3705 Nov 21 j 09:57	29°♎07'06	0.66147 AU
morning rise	-3705 Nov 25 j 14:10	24°♎25'43	
direct	-3705 Dec 01 j 18:09	21°♎43'55	
morning max el	-3705 Dec 14 j 02:59	29°♎01'08	25°54'14
	-3705 Dec 15 j 02:01	0°♏	
desc. node	-3705 Dec 24 j 11:42	11°♏17'56	
	-3704 Jan 06 j 06:34	0°♐	
morning set	-3704 Jan 19 j 08:44	22°♐23'45	
	-3704 Jan 23 j 09:35	0°♑	
max. Earth dist.	-3704 Jan 23 j 06:47	29°♐46'33	1.35811 AU
superior conj	-3704 Jan 28 j 13:55	10°♑13'53	-1°31'56
minimum elong	-3704 Jan 28 j 17:06	10°♑30'00	1°31'43
evening rise	-3704 Feb 05 j 11:11	26°♑23'04	
	-3704 Feb 07 j 06:03	0°♒	
asc. node	-3704 Feb 08 j 03:55	1°♒48'55	
evening max el	-3704 Feb 23 j 15:11	25°♒39'28	20°11'59
	-3704 Mar 01 j 08:58	0°♓	
retrograde	-3704 Mar 05 j 00:54	0°♓36'10	
evening set	-3704 Mar 07 j 07:52	0°♓22'49	
	-3704 Mar 08 j 20:31	30°℞♒	
inferior conj	-3704 Mar 16 j 04:13	26°♒23'28	1°25'53
minimum elong	-3704 Mar 16 j 07:47	26°♒18'06	1°24'39
min. Earth dist.	-3704 Mar 18 j 00:56	25°♒16'42	0.55583 AU
desc. node	-3704 Mar 21 j 10:47	23°♒25'04	
morning rise	-3704 Mar 25 j 05:55	21°♒57'44	
direct	-3704 Mar 28 j 23:51	21°♒27'00	
morning max el	-3704 Apr 11 j 15:28	28°♒11'23	23°38'32
	-3704 Apr 13 j 10:46	0°♓	
	-3704 May 02 j 15:08	0°♈	
morning set	-3704 May 05 j 11:17	5°♈50'15	
asc. node	-3704 May 06 j 03:31	7°♈15'34	
superior conj	-3704 May 12 j 13:35	21°♈01'13	1°02'21
minimum elong	-3704 May 12 j 11:12	20°♈48'24	1°01'59
max. Earth dist.	-3704 May 14 j 16:19	25°♈31'44	1.33613 AU
	-3704 May 16 j 19:24	0°♉	
evening rise	-3704 May 20 j 02:15	6°♉42'22	
	-3704 Jun 01 j 20:44	0°♊	
desc. node	-3704 Jun 17 j 09:36	22°♊04'17	
evening max el	-3704 Jun 22 j 17:58	27°♊48'35	27°24'17
	-3704 Jun 25 j 04:18	0°♋	
retrograde	-3704 Jul 06 j 08:55	5°♋12'22	
evening set	-3704 Jul 13 j 12:33	2°♋30'23	
	-3704 Jul 16 j 09:23	30°℞♊	
min. Earth dist.	-3704 Jul 17 j 03:28	29°♊14'59	0.63814 AU
inferior conj	-3704 Jul 19 j 16:24	26°♊35'59	-3°41'47
minimum elong	-3704 Jul 19 j 20:09	26°♊26'12	3°40'51
morning rise	-3704 Jul 26 j 04:34	21°♊16'07	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3704 Jul 28 j 20:55	20°♊40'14	
asc. node	-3704 Aug 02 j 02:55	22°♊10'02	
morning max el	-3704 Aug 04 j 09:32	24°♊05'41	17°59'25
	-3704 Aug 09 j 03:41	0°♋	
morning set	-3704 Aug 21 j 13:20	20°♋30'40	
	-3704 Aug 27 j 02:12	0°♌	
superior conj	-3704 Sep 03 j 04:24	11°♌50'01	1°02'07
minimum elong	-3704 Sep 03 j 10:05	12°♌13'19	1°01'34
max. Earth dist.	-3704 Sep 08 j 19:29	20°♌56'51	1.43997 AU
desc. node	-3704 Sep 13 j 08:58	28°♌10'53	
	-3704 Sep 14 j 12:47	0°♍	
evening rise	-3704 Sep 19 j 07:21	7°♍25'32	
	-3704 Oct 04 j 05:57	0°♎	
evening max el	-3704 Oct 17 j 03:26	16°♎55'10	20°30'19
retrograde	-3704 Oct 25 j 03:40	21°♎38'37	
evening set	-3704 Oct 28 j 22:24	20°♎16'06	
asc. node	-3704 Oct 29 j 01:51	20°♎09'41	
inferior conj	-3704 Nov 03 j 08:49	14°♎09'07	1°44'39
minimum elong	-3704 Nov 03 j 06:34	14°♎16'41	1°43'46
min. Earth dist.	-3704 Nov 04 j 00:45	13°♎15'12	0.66892 AU
morning rise	-3704 Nov 08 j 14:33	7°♎54'13	
direct	-3704 Nov 14 j 03:36	5°♎29'24	
morning max el	-3704 Nov 25 j 11:46	12°♎14'50	24°34'21
	-3704 Dec 09 j 19:04	0°♏	
desc. node	-3704 Dec 10 j 08:42	0°♏48'07	
	-3704 Dec 29 j 01:09	0°♐	
morning set	-3704 Dec 31 j 11:12	4°♐11'17	
max. Earth dist.	-3703 Jan 04 j 05:14	10°♐53'13	1.37659 AU
superior conj	-3703 Jan 10 j 22:55	23°♐32'44	-1°47'24
minimum elong	-3703 Jan 11 j 01:28	23°♐45'05	1°47'22
	-3703 Jan 14 j 06:01	0°♑	
evening rise	-3703 Jan 19 j 12:00	10°♑26'47	
asc. node	-3703 Jan 25 j 00:57	21°♑08'47	
	-3703 Jan 30 j 06:00	0°♒	
evening max el	-3703 Feb 05 j 08:43	7°♒39'12	19°11'39
retrograde	-3703 Feb 14 j 04:26	11°♒51'57	
evening set	-3703 Feb 16 j 13:02	11°♒35'12	
inferior conj	-3703 Feb 24 j 16:22	7°♒23'47	2°53'58
minimum elong	-3703 Feb 24 j 21:17	7°♒15'24	2°52'40
min. Earth dist.	-3703 Feb 27 j 16:08	5°♒22'14	0.56845 AU
morning rise	-3703 Mar 05 j 02:48	2°♒27'14	
desc. node	-3703 Mar 08 j 07:53	1°♒37'07	
direct	-3703 Mar 10 j 01:53	1°♒29'53	
morning max el	-3703 Mar 24 j 06:29	8°♒46'25	25°15'23
	-3703 Apr 09 j 01:39	0°♓	
morning set	-3703 Apr 19 j 23:29	20°♓52'35	
asc. node	-3703 Apr 23 j 00:32	27°♓22'13	
	-3703 Apr 24 j 05:39	0°♈	
superior conj	-3703 Apr 26 j 23:39	5°♈59'12	0°40'19
minimum elong	-3703 Apr 26 j 21:57	5°♈50'01	0°40'00
max. Earth dist.	-3703 Apr 28 j 01:11	8°♈18'00	1.32926 AU
evening rise	-3703 May 04 j 04:10	21°♈16'36	
	-3703 May 08 j 13:26	0°♉	
	-3703 May 26 j 23:19	0°♊	
desc. node	-3703 Jun 04 j 06:42	9°♊41'58	
evening max el	-3703 Jun 05 j 01:35	10°♊28'00	27°16'12
retrograde	-3703 Jun 18 j 23:05	17°♊51'01	
evening set	-3703 Jun 26 j 00:30	15°♊29'13	
min. Earth dist.	-3703 Jun 29 j 15:00	12°♊38'35	0.62018 AU
inferior conj	-3703 Jul 02 j 16:35	9°♊48'03	-4°10'27
minimum elong	-3703 Jul 02 j 19:11	9°♊42'00	4°10'02
morning rise	-3703 Jul 09 j 15:17	4°♊48'01	
direct	-3703 Jul 12 j 04:56	4°♊19'07	
morning max el	-3703 Jul 18 j 24:00	7°♊44'18	17°57'41
asc. node	-3703 Jul 19 j 24:00	8°♊46'30	
	-3703 Aug 02 j 11:07	0°♋	
morning set	-3703 Aug 04 j 04:44	3°♋08'05	
superior conj	-3703 Aug 15 j 01:49	22°♋26'52	1°31'00
minimum elong	-3703 Aug 15 j 06:32	22°♋47'08	1°30'45
	-3703 Aug 19 j 12:43	0°♌	
max. Earth dist.	-3703 Aug 22 j 07:19	4°♌35'35	1.42644 AU
evening rise	-3703 Aug 29 j 13:37	16°♌14'50	
desc. node	-3703 Aug 31 j 05:58	18°♌52'41	
	-3703 Sep 07 j 12:29	0°♍	
	-3703 Sep 29 j 16:14	0°♎	
evening max el	-3703 Sep 30 j 00:25	0°♎21'03	21°41'47
retrograde	-3703 Oct 09 j 00:04	5°♎41'18	
evening set	-3703 Oct 13 j 06:22	4°♎01'08	
asc. node	-3703 Oct 15 j 22:58	1°♎16'48	
	-3703 Oct 16 j 23:14	30°℞♍	
inferior conj	-3703 Oct 18 j 14:30	27°♍46'46	0°53'57
minimum elong	-3703 Oct 18 j 13:17	27°♍50'59	0°53'27
min. Earth dist.	-3703 Oct 18 j 19:40	27°♍28'58	0.67321 AU
morning rise	-3703 Oct 23 j 20:02	21°♍31'39	
direct	-3703 Oct 28 j 17:54	19°♍27'37	
morning max el	-3703 Nov 07 j 21:31	25°♍31'12	23°07'52
	-3703 Nov 11 j 22:44	0°♎	
desc. node	-3703 Nov 27 j 05:42	20°♎45'07	
	-3703 Dec 03 j 08:23	0°♏	
morning set	-3703 Dec 12 j 11:42	14°♏39'47	
max. Earth dist.	-3703 Dec 17 j 00:44	22°♏21'41	1.39723 AU
	-3703 Dec 21 j 08:55	0°♐	
superior conj	-3703 Dec 24 j 16:56	6°♐03'28	-1°55'03
minimum elong	-3703 Dec 24 j 17:30	6°♐06'07	1°55'10
evening rise	-3702 Jan 03 j 04:26	24°♐00'19	
	-3702 Jan 06 j 07:59	0°♑	
asc. node	-3702 Jan 11 j 22:00	9°♑59'59	
evening max el	-3702 Jan 19 j 11:16	20°♑11'17	18°31'13
retrograde	-3702 Jan 27 j 02:04	23°♑54'38	
evening set	-3702 Jan 29 j 14:10	23°♑31'51	
inferior conj	-3702 Feb 06 j 00:40	19°♑01'09	3°44'35
minimum elong	-3702 Feb 06 j 03:40	18°♑55'13	3°44'03
min. Earth dist.	-3702 Feb 09 j 10:05	16°♑21'02	0.58660 AU
morning rise	-3702 Feb 13 j 14:49	13°♑38'42	
direct	-3702 Feb 19 j 17:25	12°♑03'23	
desc. node	-3702 Feb 23 j 04:59	12°♑33'39	
morning max el	-3702 Mar 05 j 23:49	19°♑36'34	26°35'52
	-3702 Mar 14 j 20:17	0°♒	
	-3702 Apr 01 j 13:59	0°♓	
morning set	-3702 Apr 04 j 10:25	5°♓50'48	
asc. node	-3702 Apr 09 j 21:31	17°♓34'25	
superior conj	-3702 Apr 11 j 11:15	21°♓00'52	0°16'24
minimum elong	-3702 Apr 11 j 10:31	20°♓56'55	0°16'13
max. Earth dist.	-3702 Apr 11 j 13:59	21°♓15'49	1.32590 AU
	-3702 Apr 15 j 14:20	0°♈	
evening rise	-3702 Apr 18 j 11:25	6°♈06'11	
	-3702 May 01 j 04:42	0°♉	
evening max el	-3702 May 18 j 03:56	22°♉27'44	26°35'15
desc. node	-3702 May 22 j 03:49	25°♉51'09	
retrograde	-3702 Jun 01 j 05:26	29°♉47'00	
evening set	-3702 Jun 07 j 17:25	27°♉58'34	
min. Earth dist.	-3702 Jun 11 j 17:19	25°♉17'19	0.60005 AU
inferior conj	-3702 Jun 15 j 01:58	22°♉34'10	-4°21'00
minimum elong	-3702 Jun 15 j 01:57	22°♉34'12	4°20'53
morning rise	-3702 Jun 22 j 12:38	17°♉55'32	
direct	-3702 Jun 25 j 01:04	17°♉31'58	
morning max el	-3702 Jul 02 j 11:07	21°♉07'24	18°15'09
asc. node	-3702 Jul 06 j 21:03	26°♉24'02	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3702 Jul 09 j 06:18	0°♊	
morning set	-3702 Jul 18 j 11:36	16°♊31'05	
	-3702 Jul 25 j 16:04	0°♋	
superior conj	-3702 Jul 28 j 00:54	4°♋19'58	1°45'48
minimum elong	-3702 Jul 28 j 02:59	4°♋29'23	1°45'51
max. Earth dist.	-3702 Aug 04 j 13:25	17°♋33'39	1.40873 AU
evening rise	-3702 Aug 09 j 13:22	25°♋54'08	
	-3702 Aug 12 j 02:06	0°♌	
desc. node	-3702 Aug 18 j 02:59	9°♌27'34	
	-3702 Sep 01 j 07:05	0°♍	
evening max el	-3702 Sep 12 j 15:52	13°♍47'20	23°00'49
retrograde	-3702 Sep 22 j 17:56	19°♍45'55	
evening set	-3702 Sep 27 j 13:46	17°♍46'27	
inferior conj	-3702 Oct 02 j 21:11	11°♍28'14	0°00'57
minimum elong	-3702 Oct 02 j 21:10	11°♍28'20	0°00'59
transit middle	-3702 Oct 02 j 21:10	11°♍28'20	0°00'59
transit begin	-3702 Oct 02 j 18:28	11°♍37'37	
transit end	-3702 Oct 02 j 23:51	11°♍19'03	
min. Earth dist.	-3702 Oct 02 j 16:07	11°♍45'42	0.67445 AU
asc. node	-3702 Oct 02 j 20:05	11°♍32'02	
morning rise	-3702 Oct 08 j 04:26	5°♍15'57	
direct	-3702 Oct 12 j 12:05	3°♍33'25	
morning max el	-3702 Oct 21 j 11:26	8°♍52'21	21°43'43
	-3702 Nov 06 j 17:01	0°♎	
desc. node	-3702 Nov 14 j 02:41	11°♎01'06	
morning set	-3702 Nov 22 j 07:32	23°♎45'58	
	-3702 Nov 26 j 04:34	0°♏	
max. Earth dist.	-3702 Nov 29 j 01:03	4°♏41'08	1.41725 AU
superior conj	-3702 Dec 06 j 14:36	17°♏32'48	-1°51'21
minimum elong	-3702 Dec 06 j 11:45	17°♏20'24	1°51'20
	-3702 Dec 13 j 14:07	0°♐	
evening rise	-3702 Dec 17 j 09:08	6°♐56'29	
asc. node	-3702 Dec 29 j 19:03	28°♐13'28	
	-3702 Dec 31 j 02:32	0°♑	
evening max el	-3701 Jan 02 j 20:03	3°♑07'31	18°10'46
retrograde	-3701 Jan 09 j 17:10	6°♑36'57	
evening set	-3701 Jan 12 j 08:27	6°♑06'51	
inferior conj	-3701 Jan 19 j 04:40	1°♑14'20	4°01'58
minimum elong	-3701 Jan 19 j 04:53	1°♑13'51	4°01'49
	-3701 Jan 20 j 12:54	30°℞♐	
min. Earth dist.	-3701 Jan 22 j 09:36	28°♐19'13	0.60676 AU
morning rise	-3701 Jan 25 j 23:51	25°♐33'45	
direct	-3701 Feb 01 j 19:49	23°♐21'08	
desc. node	-3701 Feb 10 j 02:03	26°♐12'15	
	-3701 Feb 14 j 20:58	0°♑	
morning max el	-3701 Feb 15 j 23:01	1°♑01'56	27°27'16
	-3701 Mar 08 j 22:05	0°♒	
morning set	-3701 Mar 19 j 18:21	20°♒38'25	
	-3701 Mar 24 j 04:30	0°♓	
max. Earth dist.	-3701 Mar 26 j 03:03	4°♓12'38	1.32596 AU
superior conj	-3701 Mar 26 j 22:45	6°♓00'12	-0°08'37
minimum elong	-3701 Mar 26 j 23:09	6°♓02'21	0°08'36
behind sun begin	-3701 Mar 26 j 18:53	5°♓39'06	
behind sun end	-3701 Mar 27 j 03:24	6°♓25'36	
asc. node	-3701 Mar 27 j 18:30	7°♓48'09	
evening rise	-3701 Apr 02 j 21:51	21°♓03'23	
	-3701 Apr 07 j 07:09	0°♈	
	-3701 Apr 26 j 10:04	0°♉	
evening max el	-3701 Apr 30 j 00:05	3°♉46'04	25°25'04
desc. node	-3701 May 09 j 00:52	9°♉57'50	
retrograde	-3701 May 14 j 01:43	10°♉57'08	
evening set	-3701 May 19 j 12:32	9°♉47'27	
min. Earth dist.	-3701 May 24 j 12:24	6°♉59'09	0.58009 AU
inferior conj	-3701 May 27 j 17:02	4°♉45'07	-4°03'53
minimum elong	-3701 May 27 j 13:25	4°♉51'32	4°03'21
morning rise	-3701 Jun 04 j 17:06	0°♉27'30	
direct	-3701 Jun 07 j 05:06	0°♉08'09	
morning max el	-3701 Jun 15 j 16:01	4°♉06'27	18°52'44
asc. node	-3701 Jun 23 j 18:05	14°♉49'05	
	-3701 Jul 01 j 23:44	0°♊	
morning set	-3701 Jul 02 j 05:40	0°♊29'01	
superior conj	-3701 Jul 10 j 20:12	17°♊14'45	1°48'56
minimum elong	-3701 Jul 10 j 19:52	17°♊13'12	1°49'04
max. Earth dist.	-3701 Jul 17 j 15:46	29°♊50'34	1.38923 AU
	-3701 Jul 17 j 17:52	0°♋	
evening rise	-3701 Jul 21 j 14:56	6°♋47'52	
desc. node	-3701 Aug 04 j 23:59	29°♋51'06	
	-3701 Aug 05 j 02:22	0°♌	
evening max el	-3701 Aug 26 j 03:44	27°♌15'47	24°21'18
	-3701 Aug 29 j 03:37	0°♍	
retrograde	-3701 Sep 06 j 08:09	3°♍49'16	
evening set	-3701 Sep 11 j 18:50	1°♍30'27	
	-3701 Sep 13 j 07:45	30°℞♌	
min. Earth dist.	-3701 Sep 16 j 11:37	26°♌03'57	0.67266 AU
inferior conj	-3701 Sep 17 j 03:07	25°♌11'45	-0°52'45
minimum elong	-3701 Sep 17 j 04:22	25°♌07'35	0°52'08
asc. node	-3701 Sep 19 j 17:12	21°♌52'03	
morning rise	-3701 Sep 22 j 13:52	19°♌05'23	
direct	-3701 Sep 26 j 08:56	17°♌42'54	
morning max el	-3701 Oct 04 j 08:10	22°♌21'51	20°28'23
	-3701 Oct 10 j 16:40	0°♍	
	-3701 Oct 31 j 00:23	0°♎	
desc. node	-3701 Oct 31 j 23:39	1°♎30'02	
morning set	-3701 Nov 01 j 07:36	2°♎00'50	
max. Earth dist.	-3701 Nov 11 j 09:21	17°♎54'56	1.43379 AU
superior conj	-3701 Nov 17 j 10:23	27°♎47'02	-1°32'29
minimum elong	-3701 Nov 17 j 04:00	27°♎20'36	1°32'00
	-3701 Nov 18 j 18:22	0°♏	
evening rise	-3701 Nov 29 j 21:58	19°♏06'22	
	-3701 Dec 06 j 04:06	0°♐	
asc. node	-3701 Dec 16 j 16:07	15°♐37'12	
evening max el	-3701 Dec 17 j 08:04	16°♐18'57	18°09'48
retrograde	-3701 Dec 23 j 21:36	19°♐47'38	
evening set	-3701 Dec 26 j 16:08	19°♐09'20	
inferior conj	-3700 Jan 02 j 00:58	13°♐55'46	3°54'52
minimum elong	-3700 Jan 01 j 23:06	14°♐00'38	3°54'33
min. Earth dist.	-3700 Jan 04 j 17:40	11°♐08'03	0.62602 AU
morning rise	-3700 Jan 08 j 05:14	8°♐02'14	
direct	-3700 Jan 15 j 06:49	5°♐23'12	
desc. node	-3700 Jan 27 j 23:07	11°♐58'08	
morning max el	-3700 Jan 29 j 04:11	13°♐07'36	27°43'00
	-3700 Feb 11 j 17:59	0°♑	
	-3700 Feb 29 j 07:20	0°♒	
morning set	-3700 Mar 02 j 21:02	5°♒06'44	
max. Earth dist.	-3700 Mar 08 j 12:25	16°♒53'12	1.32958 AU
superior conj	-3700 Mar 10 j 08:27	20°♒50'08	-0°33'50
minimum elong	-3700 Mar 10 j 09:58	20°♒58'21	0°33'37
asc. node	-3700 Mar 13 j 15:29	27°♒58'23	
	-3700 Mar 14 j 14:00	0°♓	
evening rise	-3700 Mar 17 j 09:28	6°♓00'01	
	-3700 Mar 30 j 05:53	0°♈	
evening max el	-3700 Apr 10 j 15:59	14°♈33'43	23°55'52
retrograde	-3700 Apr 24 j 10:03	21°♈26'35	
desc. node	-3700 Apr 24 j 21:57	21°♈26'02	
evening set	-3700 Apr 28 j 12:39	20°♈49'10	
min. Earth dist.	-3700 May 05 j 03:24	17°♈40'22	0.56336 AU
inferior conj	-3700 May 07 j 11:54	16°♈13'42	-3°09'03
minimum elong	-3700 May 07 j 05:54	16°♈22'57	3°07'33

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3700 May 16 j 02:09	12°♈12'31	
direct	-3700 May 18 j 14:07	11°♈56'19	
morning max el	-3700 May 28 j 12:03	16°♈32'12	19°50'54
	-3700 Jun 07 j 11:24	0°♉	
asc. node	-3700 Jun 09 j 15:06	3°♉50'11	
morning set	-3700 Jun 15 j 07:40	14°♉53'14	
	-3700 Jun 22 j 19:01	0°♊	
superior conj	-3700 Jun 23 j 06:18	0°♊56'11	1°43'11
minimum elong	-3700 Jun 23 j 04:25	0°♊46'48	1°43'12
max. Earth dist.	-3700 Jun 28 j 19:05	11°♊40'36	1.37039 AU
evening rise	-3700 Jul 02 j 16:55	18°♊54'10	
	-3700 Jul 09 j 01:42	0°♋	
desc. node	-3700 Jul 21 j 20:58	19°♋57'45	
	-3700 Jul 29 j 05:22	0°♌	
evening max el	-3700 Aug 07 j 14:23	10°♌46'46	25°35'46
retrograde	-3700 Aug 19 j 18:05	17°♌47'20	
evening set	-3700 Aug 25 j 19:44	15°♌11'44	
min. Earth dist.	-3700 Aug 30 j 03:50	10°♌22'00	0.66763 AU
inferior conj	-3700 Aug 31 j 06:36	8°♌55'47	-1°45'27
minimum elong	-3700 Aug 31 j 09:03	8°♌47'55	1°44'23
morning rise	-3700 Sep 05 j 22:28	2°♌58'23	
asc. node	-3700 Sep 05 j 14:18	3°♌12'15	
direct	-3700 Sep 09 j 07:03	1°♌53'08	
morning max el	-3700 Sep 16 j 12:15	6°♌00'34	19°26'02
	-3700 Oct 03 j 15:55	0°♍	
morning set	-3700 Oct 10 j 10:05	10°♍30'05	
desc. node	-3700 Oct 17 j 20:37	22°♍07'50	
	-3700 Oct 22 j 20:39	0°♎	
max. Earth dist.	-3700 Oct 23 j 23:48	1°♎47'20	1.44459 AU
superior conj	-3700 Oct 27 j 03:08	6°♎46'35	-0°56'47
minimum elong	-3700 Oct 26 j 20:41	6°♎20'53	0°56'01
	-3700 Nov 10 j 09:15	0°♏	
evening rise	-3700 Nov 10 j 14:20	0°♏21'07	
evening max el	-3700 Nov 29 j 20:36	29°♏39'46	18°27'35
	-3700 Nov 30 j 04:40	0°♐	
asc. node	-3700 Dec 02 j 13:12	1°♐57'37	
retrograde	-3700 Dec 06 j 11:02	3°♐18'25	
evening set	-3700 Dec 09 j 09:50	2°♐30'40	
	-3700 Dec 12 j 15:17	30°℞♏	
inferior conj	-3700 Dec 15 j 09:50	26°♏58'20	3°30'56
minimum elong	-3700 Dec 15 j 06:54	27°♏06'49	3°30'13
min. Earth dist.	-3700 Dec 17 j 11:52	24°♏34'11	0.64255 AU
morning rise	-3700 Dec 21 j 03:29	20°♏55'28	
direct	-3700 Dec 28 j 01:17	18°♏04'39	
morning max el	-3699 Jan 10 j 13:06	25°♏47'18	27°23'12
desc. node	-3699 Jan 13 j 20:11	29°♏16'56	
	-3699 Jan 14 j 11:20	0°♐	
	-3699 Feb 04 j 05:38	0°♑	
morning set	-3699 Feb 14 j 15:46	19°♑06'58	
max. Earth dist.	-3699 Feb 19 j 14:02	29°♑04'27	1.33716 AU
	-3699 Feb 20 j 00:44	0°♒	
superior conj	-3699 Feb 22 j 14:32	5°♒24'45	-0°58'16
minimum elong	-3699 Feb 22 j 17:02	5°♒38'00	0°57'56
asc. node	-3699 Feb 28 j 12:29	18°♒01'03	
evening rise	-3699 Mar 01 j 20:33	20°♒49'56	
	-3699 Mar 06 j 08:59	0°♓	
evening max el	-3699 Mar 23 j 09:28	25°♓16'47	22°21'40
	-3699 Mar 29 j 21:24	0°♈	
retrograde	-3699 Apr 05 j 06:29	1°♈33'44	
evening set	-3699 Apr 08 j 05:04	1°♈14'39	
desc. node	-3699 Apr 11 j 19:04	0°♈04'54	
	-3699 Apr 11 j 23:38	30°℞♓	
min. Earth dist.	-3699 Apr 16 j 17:26	27°♓33'00	0.55326 AU
inferior conj	-3699 Apr 17 j 13:44	27°♓04'11	-1°34'36
minimum elong	-3699 Apr 17 j 09:32	27°♓10'08	1°33'14
morning rise	-3699 Apr 26 j 15:42	23°♓07'00	
direct	-3699 Apr 29 j 06:52	22°♓51'11	
morning max el	-3699 May 10 j 21:30	28°♓17'46	21°08'30
	-3699 May 12 j 14:30	0°♈	
asc. node	-3699 May 27 j 12:06	23°♈18'12	
morning set	-3699 May 30 j 15:02	29°♈36'22	
	-3699 May 30 j 19:37	0°♉	
superior conj	-3699 Jun 07 j 02:51	15°♉11'10	1°30'53
minimum elong	-3699 Jun 07 j 00:15	14°♉57'48	1°30'43
max. Earth dist.	-3699 Jun 11 j 05:07	23°♉29'27	1.35423 AU
	-3699 Jun 14 j 13:05	0°♊	
evening rise	-3699 Jun 15 j 14:16	1°♊59'52	
	-3699 Jul 02 j 01:10	0°♋	
desc. node	-3699 Jul 08 j 17:59	9°♋39'41	
evening max el	-3699 Jul 21 j 01:24	24°♋16'29	26°36'10
	-3699 Jul 28 j 11:19	0°♌	
retrograde	-3699 Aug 02 j 23:15	1°♌33'27	
	-3699 Aug 07 j 23:06	30°℞♋	
evening set	-3699 Aug 09 j 14:15	28°♋47'17	
min. Earth dist.	-3699 Aug 13 j 14:26	24°♋35'41	0.65910 AU
inferior conj	-3699 Aug 15 j 05:41	22°♋37'11	-2°35'17
minimum elong	-3699 Aug 15 j 09:05	22°♋26'54	2°34'00
morning rise	-3699 Aug 21 j 04:14	16°♋51'47	
asc. node	-3699 Aug 23 j 11:24	16°♋03'19	
direct	-3699 Aug 24 j 04:39	16°♋00'25	
morning max el	-3699 Aug 30 j 22:15	19°♋45'04	18°38'58
	-3699 Sep 07 j 18:08	0°♌	
morning set	-3699 Sep 20 j 10:25	20°♌05'25	
	-3699 Sep 26 j 15:00	0°♍	
desc. node	-3699 Oct 04 j 17:34	12°♍50'25	
superior conj	-3699 Oct 06 j 03:24	15°♍03'46	-0°08'59
minimum elong	-3699 Oct 06 j 02:13	14°♍59'05	0°08'47
behind sun begin	-3699 Oct 05 j 16:30	14°♍20'49	
behind sun end	-3699 Oct 06 j 11:56	15°♍37'22	
max. Earth dist.	-3699 Oct 06 j 17:10	15°♍57'58	1.44845 AU
	-3699 Oct 15 j 14:50	0°♎	
evening rise	-3699 Oct 22 j 06:14	10°♎32'00	
greatest brilliancy	-3699 Oct 29 j 10:59	21°♎59'16	-0.8m
	-3699 Nov 03 j 14:00	0°♏	
evening max el	-3699 Nov 13 j 07:07	13°♏04'54	19°03'04
asc. node	-3699 Nov 19 j 10:19	16°♏58'49	
retrograde	-3699 Nov 20 j 05:38	17°♏02'29	
evening set	-3699 Nov 23 j 10:30	16°♏03'14	
inferior conj	-3699 Nov 29 j 03:49	10°♏15'08	2°55'28
minimum elong	-3699 Nov 29 j 00:41	10°♏24'54	2°54'29
min. Earth dist.	-3699 Nov 30 j 15:32	8°♏23'32	0.65559 AU
morning rise	-3699 Dec 04 j 14:33	4°♏05'41	
direct	-3699 Dec 11 j 02:13	1°♏17'07	
morning max el	-3699 Dec 23 j 22:48	8°♏47'53	26°33'18
desc. node	-3699 Dec 31 j 17:14	17°♏41'03	
	-3698 Jan 09 j 15:43	0°♐	
	-3698 Jan 27 j 15:26	0°♑	
morning set	-3698 Jan 28 j 22:55	2°♑27'38	
max. Earth dist.	-3698 Feb 02 j 04:35	10°♑39'53	1.34911 AU
superior conj	-3698 Feb 06 j 14:49	19°♑37'19	-1°20'39
minimum elong	-3698 Feb 06 j 17:56	19°♑53'23	1°20'20
	-3698 Feb 11 j 14:25	0°♒	
evening rise	-3698 Feb 14 j 05:20	5°♒27'12	
asc. node	-3698 Feb 15 j 09:30	7°♒51'47	
	-3698 Feb 27 j 23:32	0°♓	
evening max el	-3698 Mar 05 j 10:44	6°♓22'11	20°55'09
retrograde	-3698 Mar 16 j 20:08	11°♓48'22	
evening set	-3698 Mar 19 j 04:51	11°♓35'13	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3698 Mar 28 j 09:00	7°♓37'18	0°21'39
minimum elong	-3698 Mar 28 j 09:59	7°♓35'53	0°21'15
min. Earth dist.	-3698 Mar 29 j 07:44	7°♓04'49	0.55216 AU
desc. node	-3698 Mar 29 j 16:12	6°♓52'47	
morning rise	-3698 Apr 06 j 14:18	3°♓26'04	
direct	-3698 Apr 09 j 18:53	3°♓03'52	
morning max el	-3698 Apr 22 j 20:35	9°♓23'29	22°41'22
	-3698 May 07 j 15:58	0°♈	
asc. node	-3698 May 14 j 09:07	13°♈06'07	
morning set	-3698 May 15 j 01:43	14°♈32'23	
superior conj	-3698 May 22 j 06:36	29°♈49'48	1°13'49
minimum elong	-3698 May 22 j 03:59	29°♈35'57	1°13'30
	-3698 May 22 j 08:32	0°♉	
max. Earth dist.	-3698 May 25 j 01:14	5°♉39'44	1.34169 AU
evening rise	-3698 May 30 j 01:57	15°♉50'38	
	-3698 Jun 06 j 16:04	0°♊	
desc. node	-3698 Jun 25 j 15:03	28°♊46'33	
	-3698 Jun 26 j 14:43	0°♋	
evening max el	-3698 Jul 03 j 12:50	7°♋37'27	27°14'41
retrograde	-3698 Jul 16 j 23:06	15°♋00'34	
evening set	-3698 Jul 23 j 23:41	12°♋13'41	
min. Earth dist.	-3698 Jul 27 j 17:20	8°♋38'57	0.64689 AU
inferior conj	-3698 Jul 29 j 22:08	6°♋12'35	-3°19'49
minimum elong	-3698 Jul 30 j 02:00	6°♋01'53	3°18'40
morning rise	-3698 Aug 05 j 04:54	0°♋42'14	
direct	-3698 Aug 07 j 23:32	0°♋01'29	
asc. node	-3698 Aug 10 j 08:30	0°♋31'08	
morning max el	-3698 Aug 14 j 12:03	3°♋31'44	18°08'40
	-3698 Aug 31 j 23:54	0°♌	
morning set	-3698 Sep 01 j 14:26	1°♌01'02	
superior conj	-3698 Sep 15 j 09:14	23°♌41'34	0°39'00
minimum elong	-3698 Sep 15 j 13:40	23°♌59'19	0°38'32
	-3698 Sep 19 j 08:07	0°♍	
max. Earth dist.	-3698 Sep 19 j 10:46	0°♍10'31	1.44509 AU
desc. node	-3698 Sep 21 j 14:31	3°♍35'01	
evening rise	-3698 Oct 01 j 22:42	19°♍43'46	
	-3698 Oct 08 j 14:29	0°♎	
greatest brilliancy	-3698 Oct 15 j 02:26	9°♎52'00	-0.7m
evening max el	-3698 Oct 27 j 13:29	26°♎31'32	19°54'32
	-3698 Oct 31 j 20:17	0°♏	
retrograde	-3698 Nov 04 j 02:34	0°♏55'54	
asc. node	-3698 Nov 06 j 07:27	0°♏27'44	
	-3698 Nov 07 j 04:54	30°℞♎	
evening set	-3698 Nov 07 j 15:38	29°♎42'38	
inferior conj	-3698 Nov 13 j 04:05	23°♎41'48	2°12'08
minimum elong	-3698 Nov 13 j 01:24	23°♎50'42	2°11'07
min. Earth dist.	-3698 Nov 14 j 02:51	22°♎26'34	0.66506 AU
morning rise	-3698 Nov 18 j 10:56	17°♎28'20	
direct	-3698 Nov 24 j 08:50	14°♎52'42	
morning max el	-3698 Dec 06 j 07:39	21°♎57'59	25°21'37
	-3698 Dec 13 j 08:59	0°♏	
desc. node	-3698 Dec 18 j 14:15	6°♏51'08	
	-3697 Jan 02 j 22:08	0°♐	
morning set	-3697 Jan 11 j 13:33	14°♐53'40	
max. Earth dist.	-3697 Jan 15 j 07:35	21°♐48'14	1.36551 AU
	-3697 Jan 19 j 14:06	0°♑	
superior conj	-3697 Jan 21 j 06:27	3°♑18'53	-1°39'16
minimum elong	-3697 Jan 21 j 09:31	3°♑34'04	1°39'07
evening rise	-3697 Jan 29 j 09:44	19°♑45'02	
asc. node	-3697 Feb 02 j 06:33	27°♑24'46	
	-3697 Feb 03 j 15:12	0°♒	
evening max el	-3697 Feb 15 j 22:27	18°♒01'55	19°44'02
retrograde	-3697 Feb 25 j 14:57	22°♒37'48	
evening set	-3697 Feb 27 j 22:16	22°♒23'23	

inferior conj	-3697 Mar 08 j 11:41	18°♒20'33	2°07'34
minimum elong	-3697 Mar 08 j 16:21	18°♒13'13	2°06'05
min. Earth dist.	-3697 Mar 10 j 22:09	16°♒49'09	0.56034 AU
desc. node	-3697 Mar 16 j 13:20	13°♒57'40	
morning rise	-3697 Mar 17 j 08:02	13°♒41'57	
direct	-3697 Mar 21 j 14:11	13°♒01'28	
morning max el	-3697 Apr 04 j 12:37	20°♒01'35	24°20'38
	-3697 Apr 12 j 22:59	0°♓	
morning set	-3697 Apr 29 j 13:52	29°♓34'04	
	-3697 Apr 29 j 18:48	0°♈	
asc. node	-3697 May 01 j 06:07	3°♈07'14	
superior conj	-3697 May 06 j 14:57	14°♈42'32	0°53'19
minimum elong	-3697 May 06 j 12:49	14°♈31'00	0°52'57
max. Earth dist.	-3697 May 08 j 06:27	18°♈15'11	1.33285 AU
evening rise	-3697 May 13 j 23:38	0°♉12'08	
	-3697 May 13 j 21:14	0°♉	
	-3697 May 30 j 17:01	0°♊	
desc. node	-3697 Jun 12 j 12:08	17°♊02'34	
evening max el	-3697 Jun 15 j 22:45	20°♊36'07	27°24'50
retrograde	-3697 Jun 29 j 16:46	27°♊59'09	
evening set	-3697 Jul 06 j 20:36	25°♊24'24	
min. Earth dist.	-3697 Jul 10 j 10:42	22°♊20'44	0.63092 AU
inferior conj	-3697 Jul 13 j 05:12	19°♊35'18	-3°55'41
minimum elong	-3697 Jul 13 j 08:37	19°♊26'46	3°54'58
morning rise	-3697 Jul 19 j 21:38	14°♊23'13	
direct	-3697 Jul 22 j 12:40	13°♊50'28	
asc. node	-3697 Jul 28 j 05:35	16°♊24'46	
morning max el	-3697 Jul 29 j 02:59	17°♊14'38	17°56'18
	-3697 Aug 07 j 05:32	0°♋	
morning set	-3697 Aug 14 j 18:35	13°♋05'58	
	-3697 Aug 24 j 12:37	0°♌	
superior conj	-3697 Aug 26 j 14:31	3°♌29'54	1°16'11
minimum elong	-3697 Aug 26 j 20:11	3°♌53'32	1°15'44
max. Earth dist.	-3697 Sep 02 j 01:54	14°♌08'04	1.43492 AU
desc. node	-3697 Sep 08 j 11:30	24°♌18'44	
evening rise	-3697 Sep 11 j 03:10	28°♌26'55	
	-3697 Sep 12 j 03:13	0°♍	
	-3697 Oct 02 j 10:56	0°♎	
evening max el	-3697 Oct 10 j 14:08	9°♎58'00	20°59'35
retrograde	-3697 Oct 18 j 23:35	14°♎56'04	
evening set	-3697 Oct 22 j 23:05	13°♎26'11	
asc. node	-3697 Oct 24 j 04:34	12°♎22'05	
inferior conj	-3697 Oct 28 j 08:21	7°♎15'50	1°23'31
minimum elong	-3697 Oct 28 j 06:30	7°♎22'07	1°22'46
min. Earth dist.	-3697 Oct 28 j 19:35	6°♎37'27	0.67114 AU
morning rise	-3697 Nov 02 j 13:45	1°♎00'47	
	-3697 Nov 03 j 21:32	30°℞♍	
direct	-3697 Nov 07 j 20:24	28°♍44'30	
	-3697 Nov 12 j 04:52	0°♎	
morning max el	-3697 Nov 18 j 16:23	5°♎12'14	23°57'52
desc. node	-3697 Dec 05 j 11:15	26°♎33'53	
	-3697 Dec 07 j 19:40	0°♏	
morning set	-3697 Dec 24 j 05:39	26°♏08'54	
	-3697 Dec 26 j 11:02	0°♐	
max. Earth dist.	-3697 Dec 28 j 04:02	3°♐00'51	1.38525 AU
superior conj	-3696 Jan 04 j 09:43	16°♐19'08	-1°51'48
minimum elong	-3696 Jan 04 j 11:37	16°♐28'09	1°51'51
	-3696 Jan 11 j 11:07	0°♑	
evening rise	-3696 Jan 13 j 07:22	3°♑37'01	
asc. node	-3696 Jan 20 j 03:37	16°♑33'34	
	-3696 Jan 29 j 13:27	0°♒	
evening max el	-3696 Jan 29 j 20:07	0°♒16'14	18°52'00
retrograde	-3696 Feb 07 j 02:02	4°♒14'33	
evening set	-3696 Feb 09 j 12:15	3°♒55'19	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3696 Feb 16 j 18:48	30°℞♑	
inferior conj	-3696 Feb 17 j 08:08	29°♑35'54	3°19'58
minimum elong	-3696 Feb 17 j 12:29	29°♑27'59	3°18'59
min. Earth dist.	-3696 Feb 20 j 13:54	27°♑15'47	0.57572 AU
morning rise	-3696 Feb 25 j 10:10	24°♑27'46	
direct	-3696 Mar 01 j 21:49	23°♑15'17	
desc. node	-3696 Mar 02 j 10:26	23°♑15'57	
	-3696 Mar 15 j 11:15	0°♒	
morning max el	-3696 Mar 16 j 03:53	0°♒39'24	25°52'28
	-3696 Apr 05 j 16:59	0°♓	
morning set	-3696 Apr 13 j 01:45	14°♓35'31	
asc. node	-3696 Apr 17 j 03:07	23°♓16'41	
superior conj	-3696 Apr 20 j 01:51	29°♓42'38	0°30'23
minimum elong	-3696 Apr 20 j 00:33	29°♓35'30	0°30'05
	-3696 Apr 20 j 05:02	0°♈	
max. Earth dist.	-3696 Apr 20 j 17:39	1°♈08'49	1.32751 AU
evening rise	-3696 Apr 27 j 04:08	14°♈53'53	
	-3696 May 04 j 21:53	0°♉	
	-3696 May 25 j 06:23	0°♊	
evening max el	-3696 May 28 j 04:25	2°♊59'28	27°02'33
desc. node	-3696 May 29 j 09:14	4°♊06'10	
retrograde	-3696 Jun 11 j 03:27	10°♊20'22	
evening set	-3696 Jun 18 j 00:53	8°♊11'25	
min. Earth dist.	-3696 Jun 21 j 17:55	5°♊27'01	0.61188 AU
inferior conj	-3696 Jun 24 j 23:31	2°♊37'13	-4°17'39
minimum elong	-3696 Jun 25 j 01:11	2°♊33'32	4°17'24
	-3696 Jun 28 j 03:30	30°℞♉	
morning rise	-3696 Jul 02 j 03:07	27°♉46'09	
direct	-3696 Jul 04 j 16:17	27°♉19'32	
	-3696 Jul 10 j 19:38	0°♊	
morning max el	-3696 Jul 11 j 16:20	0°♊47'16	18°02'41
asc. node	-3696 Jul 14 j 02:37	3°♊28'41	
morning set	-3696 Jul 27 j 17:08	26°♊04'10	
	-3696 Jul 29 j 20:18	0°♋	
superior conj	-3696 Aug 06 j 23:25	14°♋40'34	1°38'54
minimum elong	-3696 Aug 07 j 03:03	14°♋56'36	1°38'47
max. Earth dist.	-3696 Aug 14 j 11:48	27°♋32'25	1.41932 AU
	-3696 Aug 15 j 23:28	0°♌	
evening rise	-3696 Aug 20 j 15:01	7°♌32'01	
desc. node	-3696 Aug 25 j 08:28	14°♌57'50	
	-3696 Sep 04 j 08:43	0°♍	
evening max el	-3696 Sep 22 j 08:31	23°♍23'19	22°14'49
retrograde	-3696 Oct 01 j 19:02	28°♍59'49	
evening set	-3696 Oct 06 j 06:59	27°♍11'17	
asc. node	-3696 Oct 10 j 01:40	23°♍00'46	
inferior conj	-3696 Oct 11 j 14:37	20°♍54'46	0°31'36
minimum elong	-3696 Oct 11 j 13:53	20°♍57'17	0°31'19
min. Earth dist.	-3696 Oct 11 j 15:18	20°♍52'23	0.67410 AU
morning rise	-3696 Oct 16 j 20:41	14°♍40'43	
direct	-3696 Oct 21 j 12:16	12°♍46'09	
morning max el	-3696 Oct 31 j 03:36	18°♍30'19	22°31'25
	-3696 Nov 09 j 16:14	0°♎	
desc. node	-3696 Nov 21 j 08:13	16°♎39'25	
	-3696 Nov 29 j 23:58	0°♏	
morning set	-3696 Dec 03 j 17:44	6°♏00'41	
max. Earth dist.	-3696 Dec 09 j 01:20	14°♏50'34	1.40598 AU
superior conj	-3696 Dec 16 j 19:41	28°♏24'36	-1°55'06
minimum elong	-3696 Dec 16 j 18:57	28°♏21'19	1°55'13
	-3696 Dec 17 j 16:48	0°♐	
evening rise	-3696 Dec 26 j 19:13	16°♐55'14	
	-3695 Jan 02 j 22:02	0°♑	
asc. node	-3695 Jan 06 j 00:40	5°♑09'38	
evening max el	-3695 Jan 12 j 01:31	12°♑58'27	18°20'04
retrograde	-3695 Jan 19 j 07:39	16°♑34'35	

evening set	-3695 Jan 21 j 21:01	16°♑08'53	
inferior conj	-3695 Jan 29 j 01:03	11°♑28'43	3°55'30
minimum elong	-3695 Jan 29 j 02:51	11°♑24'56	3°55'14
min. Earth dist.	-3695 Feb 01 j 09:46	8°♑39'18	0.59506 AU
morning rise	-3695 Feb 05 j 06:42	5°♑57'25	
direct	-3695 Feb 11 j 17:51	4°♑05'46	
desc. node	-3695 Feb 17 j 07:31	5°♑23'36	
morning max el	-3695 Feb 25 j 23:42	11°♑43'06	27°01'59
	-3695 Mar 12 j 07:13	0°♒	
morning set	-3695 Mar 28 j 11:40	29°♒30'08	
	-3695 Mar 28 j 17:24	0°♓	
asc. node	-3695 Apr 04 j 00:07	13°♓29'59	
superior conj	-3695 Apr 04 j 13:36	14°♓43'48	0°05'54
minimum elong	-3695 Apr 04 j 13:20	14°♓42'21	0°05'47
behind sun begin	-3695 Apr 04 j 08:40	14°♓16'44	
behind sun end	-3695 Apr 04 j 18:01	15°♓07'59	
max. Earth dist.	-3695 Apr 04 j 07:05	14°♓08'04	1.32548 AU
evening rise	-3695 Apr 11 j 12:57	29°♓47'16	
	-3695 Apr 11 j 15:23	0°♈	
	-3695 Apr 28 j 06:18	0°♉	
evening max el	-3695 May 10 j 03:54	14°♉40'39	26°08'25
desc. node	-3695 May 16 j 06:18	19°♉28'09	
retrograde	-3695 May 24 j 05:58	21°♉57'47	
evening set	-3695 May 30 j 08:45	20°♉25'25	
min. Earth dist.	-3695 Jun 03 j 16:37	17°♉43'22	0.59139 AU
inferior conj	-3695 Jun 07 j 01:30	15°♉09'38	-4°17'46
minimum elong	-3695 Jun 06 j 24:00	15°♉12'32	4°17'35
morning rise	-3695 Jun 14 j 17:46	10°♉40'35	
direct	-3695 Jun 17 j 05:56	10°♉18'58	
morning max el	-3695 Jun 25 j 01:16	14°♉02'07	18°28'40
asc. node	-3695 Jun 30 j 23:39	21°♉28'16	
	-3695 Jul 06 j 01:05	0°♊	
morning set	-3695 Jul 11 j 05:14	9°♊43'32	
superior conj	-3695 Jul 20 j 07:54	27°♊02'51	1°48'23
minimum elong	-3695 Jul 20 j 08:52	27°♊07'21	1°48'30
	-3695 Jul 21 j 22:24	0°♋	
max. Earth dist.	-3695 Jul 27 j 15:46	10°♋12'15	1.40047 AU
evening rise	-3695 Aug 01 j 01:28	17°♋42'12	
	-3695 Aug 08 j 16:09	0°♌	
desc. node	-3695 Aug 12 j 05:28	5°♌28'44	
	-3695 Aug 29 j 20:18	0°♍	
evening max el	-3695 Sep 04 j 21:58	6°♍49'58	23°35'13
retrograde	-3695 Sep 15 j 11:36	13°♍04'49	
evening set	-3695 Sep 20 j 13:38	10°♍56'51	
inferior conj	-3695 Sep 25 j 21:12	4°♍37'44	-0°21'52
minimum elong	-3695 Sep 25 j 21:43	4°♍35'59	0°21'35
min. Earth dist.	-3695 Sep 25 j 11:42	5°♍10'16	0.67405 AU
asc. node	-3695 Sep 26 j 22:45	3°♍11'03	
	-3695 Sep 29 j 13:28	30°℞♌	
morning rise	-3695 Oct 01 j 05:44	28°♌27'32	
direct	-3695 Oct 05 j 07:40	26°♌54'01	
	-3695 Oct 11 j 19:18	0°♍	
morning max el	-3695 Oct 13 j 20:20	1°♍55'32	21°10'15
	-3695 Nov 03 j 14:11	0°♎	
desc. node	-3695 Nov 08 j 05:12	7°♎01'32	
morning set	-3695 Nov 13 j 03:07	14°♎38'46	
max. Earth dist.	-3695 Nov 21 j 04:37	27°♎32'34	1.42484 AU
	-3695 Nov 22 j 16:34	0°♏	
superior conj	-3695 Nov 28 j 06:48	9°♏22'35	-1°45'23
minimum elong	-3695 Nov 28 j 02:18	9°♏03'25	1°45'12
evening rise	-3695 Dec 09 j 17:41	29°♏32'32	
	-3695 Dec 09 j 23:47	0°♐	
asc. node	-3695 Dec 23 j 21:43	23°♐03'18	
evening max el	-3695 Dec 26 j 11:57	26°♐01'31	18°08'02

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3694 Jan 02 j 04:53	29°♐29'21	
evening set	-3694 Jan 04 j 21:21	28°♐56'04	
inferior conj	-3694 Jan 11 j 12:25	23°♐54'37	4°01'26
minimum elong	-3694 Jan 11 j 11:38	23°♐56'33	4°01'16
min. Earth dist.	-3694 Jan 14 j 12:51	20°♐59'49	0.61516 AU
morning rise	-3694 Jan 18 j 00:40	18°♐07'43	
direct	-3694 Jan 25 j 00:20	15°♐41'52	
desc. node	-3694 Feb 04 j 04:36	20°♐00'16	
morning max el	-3694 Feb 08 j 01:40	23°♐25'44	27°38'29
	-3694 Feb 13 j 23:54	0°♑	
	-3694 Mar 05 j 10:50	0°♒	
morning set	-3694 Mar 12 j 17:38	14°♒10'22	
max. Earth dist.	-3694 Mar 18 j 18:50	26°♒58'25	1.32693 AU
superior conj	-3694 Mar 20 j 00:32	29°♒39'44	-0°19'20
minimum elong	-3694 Mar 20 j 01:24	29°♒44'30	0°19'14
	-3694 Mar 20 j 04:15	0°♓	
asc. node	-3694 Mar 21 j 21:06	3°♓42'38	
evening rise	-3694 Mar 27 j 00:03	14°♓44'34	
	-3694 Apr 03 j 16:52	0°♈	
evening max el	-3694 Apr 21 j 21:39	25°♈43'25	24°48'48
	-3694 Apr 27 j 06:00	0°♉	
desc. node	-3694 May 03 j 03:24	2°♉31'31	
retrograde	-3694 May 05 j 21:53	2°♉49'21	
evening set	-3694 May 10 j 19:03	1°♉54'56	
	-3694 May 14 j 18:13	30°℞♈	
min. Earth dist.	-3694 May 16 j 09:50	28°♈59'07	0.57228 AU
inferior conj	-3694 May 19 j 08:02	27°♈03'14	-3°45'43
minimum elong	-3694 May 19 j 03:03	27°♈11'31	3°44'47
morning rise	-3694 May 27 j 14:09	22°♈53'37	
direct	-3694 May 30 j 01:46	22°♈35'57	
morning max el	-3694 Jun 08 j 02:48	26°♈48'49	19°14'58
	-3694 Jun 11 j 01:46	0°♉	
asc. node	-3694 Jun 17 j 20:41	10°♉10'05	
morning set	-3694 Jun 25 j 03:03	23°♉53'47	
	-3694 Jun 28 j 04:35	0°♊	
superior conj	-3694 Jul 03 j 10:08	10°♊19'35	1°47'25
minimum elong	-3694 Jul 03 j 09:02	10°♊14'15	1°47'31
max. Earth dist.	-3694 Jul 09 j 17:20	22°♊13'20	1.38100 AU
evening rise	-3694 Jul 13 j 14:00	29°♊08'44	
	-3694 Jul 14 j 01:42	0°♋	
desc. node	-3694 Jul 30 j 02:28	25°♋45'57	
	-3694 Aug 02 j 00:34	0°♌	
evening max el	-3694 Aug 18 j 09:02	20°♌19'47	24°54'09
retrograde	-3694 Aug 30 j 00:12	27°♌06'27	
evening set	-3694 Sep 04 j 17:11	24°♌40'13	
min. Earth dist.	-3694 Sep 09 j 06:14	19°♌28'46	0.67093 AU
inferior conj	-3694 Sep 10 j 02:20	18°♌22'06	-1°15'19
minimum elong	-3694 Sep 10 j 04:07	18°♌16'15	1°14'30
asc. node	-3694 Sep 13 j 19:51	13°♌51'16	
morning rise	-3694 Sep 15 j 15:03	12°♌18'53	
direct	-3694 Sep 19 j 05:21	11°♌04'06	
morning max el	-3694 Sep 26 j 20:11	15°♌28'54	19°59'58
	-3694 Oct 07 j 23:45	0°♍	
morning set	-3694 Oct 23 j 01:05	22°♍50'48	
desc. node	-3694 Oct 26 j 02:10	27°♍34'45	
	-3694 Oct 27 j 15:22	0°♎	
max. Earth dist.	-3694 Nov 03 j 15:15	11°♎02'53	1.43917 AU
superior conj	-3694 Nov 08 j 14:45	19°♎04'00	-1°19'18
minimum elong	-3694 Nov 08 j 07:41	18°♎35'16	1°18'38
	-3694 Nov 15 j 05:51	0°♏	
evening rise	-3694 Nov 21 j 22:20	11°♏19'52	
	-3694 Dec 03 j 01:18	0°♐	
evening max el	-3694 Dec 10 j 00:35	9°♐18'14	18°15'13
asc. node	-3694 Dec 10 j 18:46	10°♐02'14	
retrograde	-3694 Dec 16 j 13:29	12°♐49'42	
evening set	-3694 Dec 19 j 09:43	12°♐07'35	
inferior conj	-3694 Dec 25 j 14:31	6°♐46'01	3°46'25
minimum elong	-3694 Dec 25 j 12:05	6°♐52'41	3°45'55
min. Earth dist.	-3694 Dec 28 j 01:12	4°♐06'34	0.63346 AU
morning rise	-3694 Dec 31 j 13:46	0°♐48'20	
	-3693 Jan 01 j 16:21	30°℞♏	
direct	-3693 Jan 07 j 14:55	28°♏02'04	
	-3693 Jan 14 j 02:11	0°♐	
morning max el	-3693 Jan 21 j 08:33	5°♐46'43	27°38'40
desc. node	-3693 Jan 22 j 01:41	6°♐29'43	
	-3693 Feb 08 j 19:36	0°♑	
morning set	-3693 Feb 24 j 17:19	28°♑28'15	
	-3693 Feb 25 j 11:34	0°♒	
max. Earth dist.	-3693 Mar 02 j 01:13	9°♒27'22	1.33222 AU
superior conj	-3693 Mar 04 j 08:58	14°♒24'33	-0°44'21
minimum elong	-3693 Mar 04 j 10:56	14°♒35'05	0°44'04
asc. node	-3693 Mar 08 j 18:07	23°♒50'39	
evening rise	-3693 Mar 11 j 11:41	29°♒39'33	
	-3693 Mar 11 j 15:35	0°♓	
	-3693 Mar 28 j 20:47	0°♈	
evening max el	-3693 Apr 03 j 13:40	6°♈26'47	23°15'45
retrograde	-3693 Apr 17 j 00:48	13°♈06'08	
desc. node	-3693 Apr 20 j 00:29	12°♈46'31	
evening set	-3693 Apr 20 j 14:02	12°♈38'32	
min. Earth dist.	-3693 Apr 28 j 00:25	9°♈17'29	0.55806 AU
inferior conj	-3693 Apr 29 j 18:56	8°♈14'55	-2°33'25
minimum elong	-3693 Apr 29 j 13:06	8°♈23'32	2°31'44
morning rise	-3693 May 08 j 14:41	4°♈16'58	
direct	-3693 May 11 j 03:20	4°♈01'22	
morning max el	-3693 May 21 j 18:25	8°♈58'06	20°21'36
asc. node	-3693 Jun 04 j 17:43	29°♈23'57	
	-3693 Jun 05 j 01:17	0°♉	
morning set	-3693 Jun 09 j 07:40	8°♉27'13	
superior conj	-3693 Jun 17 j 01:10	24°♉16'45	1°38'39
minimum elong	-3693 Jun 16 j 22:53	24°♉05'13	1°38'35
	-3693 Jun 19 j 21:51	0°♊	
max. Earth dist.	-3693 Jun 21 j 23:05	4°♊00'31	1.36320 AU
evening rise	-3693 Jun 26 j 00:58	11°♊42'43	
	-3693 Jul 06 j 14:37	0°♋	
desc. node	-3693 Jul 16 j 23:27	15°♋43'12	
	-3693 Jul 28 j 03:44	0°♌	
evening max el	-3693 Jul 31 j 20:02	3°♌52'05	26°03'38
retrograde	-3693 Aug 13 j 08:05	11°♌00'13	
evening set	-3693 Aug 19 j 15:39	8°♌19'31	
min. Earth dist.	-3693 Aug 23 j 20:26	3°♌45'43	0.66452 AU
inferior conj	-3693 Aug 25 j 04:14	2°♌05'47	-2°07'02
minimum elong	-3693 Aug 25 j 07:08	1°♌56'41	2°05'51
	-3693 Aug 26 j 21:12	30°℞♋	
morning rise	-3693 Aug 30 j 22:45	26°♋12'52	
asc. node	-3693 Aug 31 j 16:58	25°♋48'12	
direct	-3693 Sep 03 j 03:39	25°♋13'45	
morning max el	-3693 Sep 10 j 02:57	29°♋10'14	19°03'55
	-3693 Sep 10 j 21:47	0°♌	
	-3693 Oct 01 j 08:49	0°♍	
morning set	-3693 Oct 02 j 11:18	1°♍44'18	
desc. node	-3693 Oct 12 j 23:07	18°♍14'53	
max. Earth dist.	-3693 Oct 17 j 07:37	25°♍06'26	1.44719 AU
superior conj	-3693 Oct 18 j 22:20	27°♍39'20	-0°37'21
minimum elong	-3693 Oct 18 j 17:37	27°♍20'42	0°36'45
	-3693 Oct 20 j 09:53	0°♎	
evening rise	-3693 Nov 03 j 04:34	22°♎07'56	
	-3693 Nov 08 j 00:16	0°♏	
evening max el	-3693 Nov 23 j 12:38	22°♏41'49	18°40'40

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3693 Nov 27 j 15:53	25°♏51'08	
retrograde	-3693 Nov 30 j 05:29	26°♏27'06	
evening set	-3693 Dec 03 j 06:45	25°♏34'34	
inferior conj	-3693 Dec 09 j 03:39	19°♏55'09	3°17'02
minimum elong	-3693 Dec 09 j 00:32	20°♏04'27	3°16'10
min. Earth dist.	-3693 Dec 10 j 23:23	17°♏44'21	0.64857 AU
morning rise	-3693 Dec 14 j 17:58	13°♏49'28	
direct	-3693 Dec 21 j 12:10	10°♏58'12	
morning max el	-3692 Jan 03 j 17:57	18°♏36'24	27°05'15
desc. node	-3692 Jan 08 j 22:45	24°♏19'06	
	-3692 Jan 13 j 10:53	0°♐	
	-3692 Feb 01 j 17:40	0°♑	
morning set	-3692 Feb 08 j 07:35	12°♑12'52	
max. Earth dist.	-3692 Feb 12 j 22:29	21°♑23'52	1.34172 AU
superior conj	-3692 Feb 16 j 12:52	28°♑50'43	-1°08'06
minimum elong	-3692 Feb 16 j 15:41	29°♑05'32	1°07'46
	-3692 Feb 17 j 02:04	0°♒	
evening rise	-3692 Feb 23 j 22:02	14°♒25'00	
asc. node	-3692 Feb 23 j 15:07	13°♒48'59	
	-3692 Mar 02 j 21:42	0°♓	
evening max el	-3692 Mar 15 j 09:52	17°♓16'29	21°43'20
retrograde	-3692 Mar 27 j 16:41	23°♓12'26	
evening set	-3692 Mar 30 j 07:48	22°♓56'54	
desc. node	-3692 Apr 05 j 21:38	20°♓25'32	
inferior conj	-3692 Apr 08 j 16:12	18°♓54'01	-0°46'10
minimum elong	-3692 Apr 08 j 14:03	18°♓57'02	0°45'27
min. Earth dist.	-3692 Apr 08 j 14:09	18°♓56'55	0.55167 AU
morning rise	-3692 Apr 17 j 21:01	14°♓53'23	
direct	-3692 Apr 20 j 16:36	14°♓35'50	
morning max el	-3692 May 02 j 23:05	20°♓24'59	21°46'35
	-3692 May 10 j 21:17	0°♈	
asc. node	-3692 May 21 j 14:45	19°♈01'11	
morning set	-3692 May 23 j 16:42	23°♈16'38	
	-3692 May 26 j 21:45	0°♉	
superior conj	-3692 May 31 j 01:07	8°♉42'37	1°24'09
minimum elong	-3692 May 30 j 22:26	8°♉28'40	1°23'54
max. Earth dist.	-3692 Jun 03 j 13:36	15°♉58'04	1.34845 AU
evening rise	-3692 Jun 08 j 04:58	25°♉08'59	
	-3692 Jun 10 j 18:27	0°♊	
	-3692 Jun 29 j 01:36	0°♋	
desc. node	-3692 Jul 02 j 20:29	5°♋11'53	
evening max el	-3692 Jul 13 j 07:28	17°♋20'00	26°55'37
retrograde	-3692 Jul 26 j 10:52	24°♋39'51	
evening set	-3692 Aug 02 j 06:43	21°♋51'58	
min. Earth dist.	-3692 Aug 06 j 03:56	17°♋56'37	0.65443 AU
inferior conj	-3692 Aug 08 j 00:50	15°♋45'40	-2°54'58
minimum elong	-3692 Aug 08 j 04:31	15°♋34'55	2°53'42
morning rise	-3692 Aug 14 j 02:42	10°♋06'22	
direct	-3692 Aug 17 j 00:29	9°♋19'46	
asc. node	-3692 Aug 17 j 14:05	9°♋21'32	
morning max el	-3692 Aug 23 j 14:56	12°♋56'52	18°24'00
	-3692 Sep 04 j 16:22	0°♌	
morning set	-3692 Sep 11 j 23:38	11°♌55'30	
	-3692 Sep 23 j 04:04	0°♍	
superior conj	-3692 Sep 26 j 22:10	5°♍57'48	0°12'10
minimum elong	-3692 Sep 26 j 23:44	6°♍04'01	0°12'01
behind sun begin	-3692 Sep 26 j 16:05	5°♍33'41	
behind sun end	-3692 Sep 27 j 07:24	6°♍34'19	
desc. node	-3692 Sep 28 j 20:03	8°♍59'04	
max. Earth dist.	-3692 Sep 29 j 02:09	9°♍23'10	1.44795 AU
	-3692 Oct 12 j 05:10	0°♎	
evening rise	-3692 Oct 13 j 10:04	1°♎53'22	
greatest brilliancy	-3692 Oct 23 j 21:13	18°♎13'49	-0.8m
	-3692 Oct 31 j 20:54	0°♏	
evening max el	-3692 Nov 05 j 21:38	6°♏08'14	19°23'02
retrograde	-3692 Nov 13 j 01:30	10°♏16'20	
asc. node	-3692 Nov 13 j 13:00	10°♏15'01	
evening set	-3692 Nov 16 j 09:38	9°♏11'17	
inferior conj	-3692 Nov 22 j 00:38	3°♏17'06	2°37'52
minimum elong	-3692 Nov 21 j 21:38	3°♏26'43	2°36'50
min. Earth dist.	-3692 Nov 23 j 06:33	1°♏41'04	0.66006 AU
	-3692 Nov 24 j 15:11	30°℞♎	
morning rise	-3692 Nov 27 j 09:24	27°♎05'39	
direct	-3692 Dec 03 j 15:24	24°♎21'53	
	-3692 Dec 14 j 08:33	0°♏	
morning max el	-3692 Dec 16 j 03:34	1°♏43'08	26°04'57
desc. node	-3692 Dec 25 j 19:47	13°♏04'55	
	-3691 Jan 06 j 13:21	0°♐	
morning set	-3691 Jan 21 j 08:21	25°♐12'03	
	-3691 Jan 23 j 21:33	0°♑	
max. Earth dist.	-3691 Jan 25 j 08:16	2°♑46'59	1.35565 AU
superior conj	-3691 Jan 30 j 09:49	12°♑50'52	-1°29'08
minimum elong	-3691 Jan 30 j 13:01	13°♑07'07	1°28'53
evening rise	-3691 Feb 07 j 05:12	28°♑54'49	
	-3691 Feb 07 j 17:59	0°♒	
asc. node	-3691 Feb 09 j 12:09	3°♒32'54	
evening max el	-3691 Feb 25 j 15:14	28°♒34'37	20°22'36
	-3691 Feb 27 j 06:00	0°♓	
retrograde	-3691 Mar 08 j 07:12	3°♓39'01	
evening set	-3691 Mar 10 j 14:16	3°♓25'55	
	-3691 Mar 18 j 14:38	30°℞♒	
inferior conj	-3691 Mar 19 j 12:52	29°♒27'20	1°09'45
minimum elong	-3691 Mar 19 j 15:52	29°♒22'54	1°08'40
min. Earth dist.	-3691 Mar 21 j 04:13	28°♒29'21	0.55458 AU
desc. node	-3691 Mar 23 j 18:47	27°♒02'24	
morning rise	-3691 Mar 28 j 15:53	25°♒05'40	
direct	-3691 Apr 01 j 05:55	24°♒37'39	
	-3691 Apr 13 j 08:53	0°♓	
morning max el	-3691 Apr 14 j 18:35	1°♓16'10	23°23'42
	-3691 May 04 j 02:43	0°♈	
morning set	-3691 May 08 j 04:10	8°♈15'31	
asc. node	-3691 May 08 j 11:44	8°♈55'11	
superior conj	-3691 May 15 j 07:03	23°♈27'51	1°05'29
minimum elong	-3691 May 15 j 04:35	23°♈14'41	1°05'07
max. Earth dist.	-3691 May 17 j 13:45	28°♈18'33	1.33741 AU
	-3691 May 18 j 09:03	0°♉	
evening rise	-3691 May 22 j 21:15	9°♉13'31	
	-3691 Jun 03 j 04:32	0°♊	
desc. node	-3691 Jun 19 j 17:35	23°♊59'18	
	-3691 Jun 25 j 05:06	0°♋	
evening max el	-3691 Jun 25 j 18:17	0°♋32'06	27°22'47
retrograde	-3691 Jul 09 j 08:13	7°♋56'11	
evening set	-3691 Jul 16 j 11:17	5°♋12'23	
min. Earth dist.	-3691 Jul 20 j 02:44	1°♋52'19	0.64049 AU
	-3691 Jul 21 j 21:13	30°℞♊	
inferior conj	-3691 Jul 22 j 13:37	29°♊16'08	-3°36'24
minimum elong	-3691 Jul 22 j 17:26	29°♊06'00	3°35'23
morning rise	-3691 Jul 29 j 00:21	23°♊53'34	
direct	-3691 Jul 31 j 17:12	23°♊16'34	
asc. node	-3691 Aug 04 j 11:10	24°♊27'31	
morning max el	-3691 Aug 07 j 05:37	26°♊43'02	18°01'16
	-3691 Aug 10 j 01:51	0°♋	
morning set	-3691 Aug 24 j 14:33	23°♋22'25	
	-3691 Aug 28 j 11:44	0°♌	
superior conj	-3691 Sep 06 j 12:40	15°♌02'25	0°56'27
minimum elong	-3691 Sep 06 j 18:11	15°♌24'51	0°55'55
max. Earth dist.	-3691 Sep 11 j 19:03	23°♌31'44	1.44150 AU
desc. node	-3691 Sep 15 j 17:00	29°♌43'48	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3691 Sep 15 j 21:07	0°♍	
evening rise	-3691 Sep 22 j 19:24	10°♍47'46	
	-3691 Oct 05 j 10:33	0°♎	
evening max el	-3691 Oct 20 j 01:36	19°♎34'39	20°20'35
retrograde	-3691 Oct 27 j 22:50	24°♎13'04	
asc. node	-3691 Oct 31 j 10:08	23°♎03'19	
evening set	-3691 Oct 31 j 15:59	22°♎53'07	
inferior conj	-3691 Nov 06 j 02:53	16°♎47'35	1°52'01
minimum elong	-3691 Nov 06 j 00:31	16°♎55'33	1°51'06
min. Earth dist.	-3691 Nov 06 j 20:34	15°♎48'05	0.66805 AU
morning rise	-3691 Nov 11 j 08:50	10°♎32'51	
direct	-3691 Nov 17 j 00:11	8°♎05'03	
morning max el	-3691 Nov 28 j 12:22	14°♎56'15	24°46'49
	-3691 Dec 10 j 21:29	0°♏	
desc. node	-3691 Dec 12 j 16:47	2°♏30'15	
	-3691 Dec 30 j 10:40	0°♐	
morning set	-3690 Jan 03 j 14:12	7°♐10'18	
max. Earth dist.	-3690 Jan 07 j 07:33	13°♐52'23	1.37360 AU
superior conj	-3690 Jan 13 j 20:40	26°♐16'02	-1°45'30
minimum elong	-3690 Jan 13 j 23:24	26°♐29'20	1°45'27
	-3690 Jan 15 j 18:19	0°♑	
evening rise	-3690 Jan 22 j 07:02	13°♑02'28	
asc. node	-3690 Jan 27 j 09:13	22°♑56'40	
	-3690 Jan 31 j 09:01	0°♒	
evening max el	-3690 Feb 08 j 07:21	10°♒29'44	19°19'29
retrograde	-3690 Feb 17 j 08:16	14°♒48'00	
evening set	-3690 Feb 19 j 16:23	14°♒32'00	
inferior conj	-3690 Feb 27 j 22:22	10°♒23'14	2°42'59
minimum elong	-3690 Feb 28 j 03:20	10°♒14'56	2°41'35
min. Earth dist.	-3690 Mar 02 j 19:18	8°♒28'59	0.56610 AU
morning rise	-3690 Mar 08 j 11:34	5°♒31'10	
desc. node	-3690 Mar 10 j 15:54	4°♒54'19	
direct	-3690 Mar 13 j 06:15	4°♒38'33	
morning max el	-3690 Mar 27 j 09:41	11°♒51'41	25°01'36
	-3690 Apr 10 j 07:13	0°♓	
morning set	-3690 Apr 22 j 16:23	23°♓18'16	
asc. node	-3690 Apr 25 j 08:43	29°♓00'52	
	-3690 Apr 25 j 19:41	0°♈	
superior conj	-3690 Apr 29 j 16:43	8°♈25'12	0°43'50
minimum elong	-3690 Apr 29 j 14:54	8°♈15'20	0°43'29
max. Earth dist.	-3690 Apr 30 j 21:45	11°♈02'36	1.33006 AU
evening rise	-3690 May 06 j 22:11	23°♈45'15	
	-3690 May 10 j 01:05	0°♉	
	-3690 May 27 j 22:14	0°♊	
desc. node	-3690 Jun 06 j 14:40	11°♊48'08	
evening max el	-3690 Jun 08 j 02:34	13°♊17'07	27°19'30
retrograde	-3690 Jun 21 j 23:22	20°♊40'21	
evening set	-3690 Jun 29 j 01:41	18°♊14'46	
min. Earth dist.	-3690 Jul 02 j 15:51	15°♊21'05	0.62305 AU
inferior conj	-3690 Jul 05 j 15:41	12°♊31'20	-4°07'11
minimum elong	-3690 Jul 05 j 18:33	12°♊24'32	4°06'40
morning rise	-3690 Jul 12 j 12:42	7°♊28'02	
direct	-3690 Jul 15 j 02:37	6°♊58'14	
morning max el	-3690 Jul 21 j 20:15	10°♊22'59	17°56'41
asc. node	-3690 Jul 22 j 08:12	10°♊53'10	
	-3690 Aug 03 j 20:40	0°♋	
morning set	-3690 Aug 07 j 03:10	5°♋51'43	
superior conj	-3690 Aug 18 j 05:52	25°♋26'29	1°27'34
minimum elong	-3690 Aug 18 j 10:54	25°♋47'57	1°27'15
	-3690 Aug 20 j 22:29	0°♌	
max. Earth dist.	-3690 Aug 25 j 07:33	7°♌14'50	1.42881 AU
evening rise	-3690 Sep 02 j 00:30	19°♌33'32	
desc. node	-3690 Sep 02 j 13:58	20°♌26'09	
	-3690 Sep 08 j 19:15	0°♍	

	-3690 Sep 30 j 05:44	0°♎	
evening max el	-3690 Oct 02 j 23:31	3°♎00'41	21°30'34
retrograde	-3690 Oct 11 j 19:24	8°♎15'04	
evening set	-3690 Oct 15 j 23:51	6°♎37'42	
asc. node	-3690 Oct 18 j 07:14	4°♎21'50	
inferior conj	-3690 Oct 21 j 08:14	0°♎24'21	1°01'48
minimum elong	-3690 Oct 21 j 06:51	0°♎29'09	1°01'15
min. Earth dist.	-3690 Oct 21 j 14:59	0°♎01'08	0.67280 AU
	-3690 Oct 21 j 15:18	30°℞♍	
morning rise	-3690 Oct 26 j 13:40	24°♍09'08	
direct	-3690 Oct 31 j 13:49	22°♍01'46	
morning max el	-3690 Nov 10 j 21:39	28°♍11'44	23°20'45
	-3690 Nov 12 j 14:43	0°♎	
desc. node	-3690 Nov 29 j 13:45	22°♎23'50	
	-3690 Dec 04 j 15:22	0°♏	
morning set	-3690 Dec 15 j 18:52	17°♏51'16	
max. Earth dist.	-3690 Dec 20 j 02:51	25°♏15'08	1.39411 AU
	-3690 Dec 22 j 19:35	0°♐	
superior conj	-3690 Dec 27 j 17:15	8°♐55'02	-1°54'33
minimum elong	-3690 Dec 27 j 18:13	8°♐59'32	1°54'40
evening rise	-3689 Jan 06 j 00:53	26°♐40'59	
	-3689 Jan 07 j 18:18	0°♑	
asc. node	-3689 Jan 14 j 06:16	11°♑52'49	
evening max el	-3689 Jan 22 j 08:44	22°♑57'34	18°35'59
retrograde	-3689 Jan 30 j 03:00	26°♑44'09	
evening set	-3689 Feb 01 j 14:40	26°♑22'19	
inferior conj	-3689 Feb 09 j 03:32	21°♑54'43	3°39'12
minimum elong	-3689 Feb 09 j 06:55	21°♑48'09	3°38'35
min. Earth dist.	-3689 Feb 12 j 12:33	19°♑19'04	0.58367 AU
morning rise	-3689 Feb 16 j 20:46	16°♑35'50	
direct	-3689 Feb 22 j 19:51	15°♑06'29	
desc. node	-3689 Feb 25 j 13:00	15°♑24'49	
morning max el	-3689 Mar 09 j 02:14	22°♑37'33	26°25'30
	-3689 Mar 15 j 15:32	0°♒	
	-3689 Apr 03 j 01:45	0°♓	
morning set	-3689 Apr 07 j 03:37	8°♓17'32	
asc. node	-3689 Apr 12 j 05:43	19°♓12'38	
superior conj	-3689 Apr 14 j 04:10	23°♓26'42	0°20'09
minimum elong	-3689 Apr 14 j 03:17	23°♓21'53	0°19'55
max. Earth dist.	-3689 Apr 14 j 10:13	23°♓59'49	1.32621 AU
	-3689 Apr 17 j 04:18	0°♈	
evening rise	-3689 Apr 21 j 04:47	8°♈33'14	
	-3689 May 02 j 11:26	0°♉	
evening max el	-3689 May 21 j 05:53	25°♉23'29	26°43'20
desc. node	-3689 May 24 j 11:45	28°♉12'49	
	-3689 May 27 j 00:34	0°♊	
retrograde	-3689 Jun 04 j 06:48	2°♊42'56	
evening set	-3689 Jun 10 j 21:38	0°♊49'02	
	-3689 Jun 12 j 05:43	30°℞♉	
min. Earth dist.	-3689 Jun 14 j 19:22	28°♉07'26	0.60317 AU
inferior conj	-3689 Jun 18 j 03:29	25°♉21'58	-4°20'59
minimum elong	-3689 Jun 18 j 03:57	25°♉20'59	4°20'52
morning rise	-3689 Jun 25 j 12:14	20°♉39'57	
direct	-3689 Jun 28 j 00:52	20°♉15'35	
morning max el	-3689 Jul 05 j 07:59	23°♉48'39	18°11'14
asc. node	-3689 Jul 09 j 05:13	28°♉22'14	
	-3689 Jul 10 j 08:45	0°♊	
morning set	-3689 Jul 21 j 08:00	19°♊08'44	
	-3689 Jul 27 j 03:22	0°♋	
superior conj	-3689 Jul 31 j 01:23	7°♋08'52	1°44'23
minimum elong	-3689 Jul 31 j 03:52	7°♋20'04	1°44'24
max. Earth dist.	-3689 Aug 07 j 14:39	20°♋20'12	1.41157 AU
evening rise	-3689 Aug 12 j 20:46	29°♋03'01	
	-3689 Aug 13 j 10:50	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3689 Aug 20 j 10:57	11°♌02'23	
	-3689 Sep 02 j 09:20	0°♍	
evening max el	-3689 Sep 15 j 15:43	16°♍27'08	22°48'50
retrograde	-3689 Sep 25 j 13:39	22°♍19'50	
evening set	-3689 Sep 30 j 07:25	20°♍23'14	
asc. node	-3689 Oct 05 j 04:18	14°♍41'49	
inferior conj	-3689 Oct 05 j 14:51	14°♍05'27	0°09'03
minimum elong	-3689 Oct 05 j 14:39	14°♍06'11	0°09'00
transit middle	-3689 Oct 05 j 14:39	14°♍06'11	0°09'00
transit begin	-3689 Oct 05 j 12:23	14°♍13'57	
transit end	-3689 Oct 05 j 16:54	13°♍58'25	
min. Earth dist.	-3689 Oct 05 j 11:17	14°♍17'47	0.67446 AU
morning rise	-3689 Oct 10 j 21:45	7°♍52'41	
direct	-3689 Oct 15 j 07:26	6°♍07'02	
morning max el	-3689 Oct 24 j 10:44	11°♍32'11	21°55'52
	-3689 Nov 07 j 21:12	0°♎	
desc. node	-3689 Nov 16 j 10:43	12°♎37'34	
morning set	-3689 Nov 25 j 18:48	27°♎09'04	
	-3689 Nov 27 j 13:20	0°♏	
max. Earth dist.	-3689 Dec 02 j 02:32	7°♏28'01	1.41445 AU
superior conj	-3689 Dec 09 j 18:20	20°♏34'43	-1°52'49
minimum elong	-3689 Dec 09 j 16:04	20°♏24'45	1°52'51
	-3689 Dec 15 j 00:38	0°♐	
evening rise	-3689 Dec 20 j 07:35	9°♐43'33	
	-3689 Dec 31 j 23:49	0°♑	
asc. node	-3688 Jan 01 j 03:19	0°♑12'45	
evening max el	-3688 Jan 05 j 16:43	5°♑50'36	18°12'30
retrograde	-3688 Jan 12 j 15:47	9°♑21'18	
evening set	-3688 Jan 15 j 06:36	8°♑52'20	
inferior conj	-3688 Jan 22 j 04:45	4°♑02'54	4°01'04
minimum elong	-3688 Jan 22 j 05:21	4°♑01'32	4°00'55
min. Earth dist.	-3688 Jan 25 j 10:54	1°♑08'35	0.60377 AU
	-3688 Jan 26 j 20:22	30°℞♐	
morning rise	-3688 Jan 29 j 02:32	28°♐24'34	
direct	-3688 Feb 04 j 20:35	26°♐17'14	
desc. node	-3688 Feb 12 j 10:05	28°♐40'43	
	-3688 Feb 14 j 09:48	0°♑	
morning max el	-3688 Feb 19 j 00:31	3°♑56'59	27°21'50
	-3688 Mar 09 j 05:32	0°♒	
morning set	-3688 Mar 21 j 12:06	23°♒06'56	
	-3688 Mar 24 j 18:26	0°♓	
max. Earth dist.	-3688 Mar 27 j 23:33	6°♓57'44	1.32575 AU
superior conj	-3688 Mar 28 j 15:46	8°♓26'24	-0°04'48
minimum elong	-3688 Mar 28 j 15:59	8°♓27'35	0°04'48
behind sun begin	-3688 Mar 28 j 11:10	8°♓01'16	
behind sun end	-3688 Mar 28 j 20:48	8°♓53'54	
asc. node	-3688 Mar 29 j 02:43	9°♓26'17	
evening rise	-3688 Apr 04 j 14:50	23°♓29'27	
	-3688 Apr 07 j 18:47	0°♈	
	-3688 Apr 26 j 00:19	0°♉	
evening max el	-3688 May 02 j 02:50	6°♉47'13	25°36'59
desc. node	-3688 May 10 j 08:51	12°♉40'26	
retrograde	-3688 May 16 j 04:38	13°♉59'56	
evening set	-3688 May 21 j 19:59	12°♉44'25	
min. Earth dist.	-3688 May 26 j 15:09	9°♉58'18	0.58296 AU
inferior conj	-3688 May 29 j 21:26	7°♉38'34	-4°08'42
minimum elong	-3688 May 29 j 18:21	7°♉44'08	4°08'19
morning rise	-3688 Jun 06 j 19:26	3°♉18'07	
direct	-3688 Jun 09 j 07:32	2°♉58'10	
morning max el	-3688 Jun 17 j 13:59	6°♉51'55	18°45'50
asc. node	-3688 Jun 25 j 02:15	16°♉40'51	
	-3688 Jul 02 j 11:03	0°♊	
morning set	-3688 Jul 04 j 00:37	3°♊02'07	
superior conj	-3688 Jul 12 j 18:02	19°♊55'44	1°49'05
minimum elong	-3688 Jul 12 j 18:01	19°♊55'40	1°49'14
	-3688 Jul 18 j 04:52	0°♋	
max. Earth dist.	-3688 Jul 19 j 17:28	2°♋43'32	1.39213 AU
evening rise	-3688 Jul 23 j 18:23	9°♋45'11	
	-3688 Aug 05 j 08:34	0°♌	
desc. node	-3688 Aug 06 j 07:56	1°♌28'03	
evening max el	-3688 Aug 28 j 03:52	29°♌54'55	24°09'31
	-3688 Aug 28 j 05:55	0°♍	
retrograde	-3688 Sep 08 j 04:28	6°♍23'47	
evening set	-3688 Sep 13 j 12:57	4°♍07'36	
	-3688 Sep 17 j 05:48	30°℞♌	
inferior conj	-3688 Sep 18 j 21:00	27°♌48'43	-0°44'38
minimum elong	-3688 Sep 18 j 22:03	27°♌45'10	0°44'07
min. Earth dist.	-3688 Sep 18 j 07:02	28°♌35'57	0.67310 AU
asc. node	-3688 Sep 21 j 01:24	24°♌57'14	
morning rise	-3688 Sep 24 j 07:08	21°♌41'23	
direct	-3688 Sep 28 j 03:54	20°♌16'10	
morning max el	-3688 Oct 06 j 06:26	25°♌00'39	20°38'54
	-3688 Oct 10 j 14:27	0°♍	
	-3688 Oct 31 j 07:40	0°♎	
desc. node	-3688 Nov 02 j 07:39	3°♎04'51	
morning set	-3688 Nov 03 j 20:36	5°♎27'59	
max. Earth dist.	-3688 Nov 13 j 09:41	20°♎34'35	1.43163 AU
	-3688 Nov 19 j 03:40	0°♏	
superior conj	-3688 Nov 19 j 18:09	1°♏00'23	-1°36'27
minimum elong	-3688 Nov 19 j 12:11	0°♏35'29	1°36'02
evening rise	-3688 Dec 01 j 23:04	22°♏01'00	
	-3688 Dec 06 j 11:59	0°♐	
asc. node	-3688 Dec 18 j 00:23	17°♐44'54	
evening max el	-3688 Dec 19 j 04:24	19°♐00'07	18°08'42
retrograde	-3688 Dec 25 j 18:35	22°♐28'21	
evening set	-3688 Dec 28 j 12:32	21°♐51'25	
inferior conj	-3687 Jan 03 j 22:53	16°♐40'50	3°57'11
minimum elong	-3687 Jan 03 j 21:16	16°♐44'59	3°56'54
min. Earth dist.	-3687 Jan 06 j 17:39	13°♐50'45	0.62329 AU
morning rise	-3687 Jan 10 j 05:04	10°♐48'48	
direct	-3687 Jan 17 j 06:24	8°♐12'48	
desc. node	-3687 Jan 29 j 07:10	14°♐09'49	
morning max el	-3687 Jan 31 j 05:02	15°♐57'18	27°42'59
	-3687 Feb 11 j 19:19	0°♑	
	-3687 Mar 01 j 18:56	0°♒	
morning set	-3687 Mar 05 j 15:44	7°♒38'52	
max. Earth dist.	-3687 Mar 11 j 09:42	19°♒41'29	1.32877 AU
superior conj	-3687 Mar 13 j 01:52	23°♒18'11	-0°30'03
minimum elong	-3687 Mar 13 j 03:13	23°♒25'31	0°29'51
asc. node	-3687 Mar 15 j 23:45	29°♒37'31	
	-3687 Mar 16 j 03:53	0°♓	
evening rise	-3687 Mar 20 j 02:24	8°♓26'36	
	-3687 Mar 31 j 10:05	0°♈	
evening max el	-3687 Apr 13 j 19:01	17°♈38'04	24°09'51
desc. node	-3687 Apr 27 j 05:57	24°♈34'51	
retrograde	-3687 Apr 27 j 15:06	24°♈35'11	
evening set	-3687 May 01 j 22:31	23°♈53'44	
min. Earth dist.	-3687 May 08 j 06:38	20°♈48'41	0.56546 AU
inferior conj	-3687 May 10 j 19:19	19°♈13'57	-3°20'06
minimum elong	-3687 May 10 j 13:27	19°♈23'09	3°18'44
morning rise	-3687 May 19 j 07:30	15°♈11'03	
direct	-3687 May 21 j 19:16	14°♈54'35	
morning max el	-3687 May 31 j 11:35	19°♈23'58	19°40'59
	-3687 Jun 08 j 16:47	0°♉	
asc. node	-3687 Jun 11 j 23:18	5°♉37'34	
morning set	-3687 Jun 18 j 01:40	17°♉23'29	
	-3687 Jun 24 j 07:43	0°♊	
superior conj	-3687 Jun 26 j 02:19	3°♊31'53	1°44'31

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3687 Jun	26 j 00:36	3°♊23'26	1°44'34
max. Earth dist.	-3687 Jul	01 j 20:06	14°♊35'50	1.37305 AU
evening rise	-3687 Jul	05 j 17:06	21°♊42'10	
	-3687 Jul	10 j 11:04	0°♋	
desc. node	-3687 Jul	24 j 04:56	21°♋38'05	
	-3687 Jul	30 j 05:10	0°♌	
evening max el	-3687 Aug	10 j 14:31	13°♌25'44	25°25'19
retrograde	-3687 Aug	22 j 15:12	20°♌23'18	
evening set	-3687 Aug	28 j 14:38	17°♌49'54	
min. Earth dist.	-3687 Sep	01 j 23:57	12°♌54'28	0.66860 AU
inferior conj	-3687 Sep	03 j 00:59	11°♌33'10	-1°37'35
minimum elong	-3687 Sep	03 j 03:16	11°♌25'47	1°36'35
asc. node	-3687 Sep	07 j 22:30	6°♌05'57	
morning rise	-3687 Sep	08 j 16:00	5°♌34'11	
direct	-3687 Sep	12 j 01:57	4°♌26'39	
morning max el	-3687 Sep	19 j 09:29	8°♌38'23	19°34'20
	-3687 Oct	04 j 22:10	0°♍	
morning set	-3687 Oct	13 j 21:07	13°♍50'33	
desc. node	-3687 Oct	20 j 04:37	23°♍41'33	
	-3687 Oct	24 j 04:59	0°♎	
max. Earth dist.	-3687 Oct	26 j 23:01	4°♎20'57	1.44339 AU
superior conj	-3687 Oct	30 j 14:35	10°♎09'49	-1°03'09
minimum elong	-3687 Oct	30 j 07:47	9°♎42'34	1°02'24
	-3687 Nov	11 j 17:51	0°♏	
evening rise	-3687 Nov	13 j 18:44	3°♏24'16	
	-3687 Nov	30 j 15:36	0°♐	
evening max el	-3687 Dec	02 j 17:02	2°♐19'54	18°23'50
asc. node	-3687 Dec	04 j 21:28	4°♐15'50	
retrograde	-3687 Dec	09 j 06:54	5°♐56'30	
evening set	-3687 Dec	12 j 04:57	5°♐10'19	
	-3687 Dec	17 j 23:22	30°℞♏	
inferior conj	-3687 Dec	18 j 06:08	29°♏40'45	3°35'23
minimum elong	-3687 Dec	18 j 03:18	29°♏48'50	3°34'44
min. Earth dist.	-3687 Dec	20 j 10:26	27°♏12'10	0.64029 AU
morning rise	-3687 Dec	24 j 01:05	23°♏39'03	
direct	-3687 Dec	30 j 23:58	20°♏48'51	
morning max el	-3686 Jan	13 j 13:32	28°♏32'39	27°28'13
	-3686 Jan	14 j 23:44	0°♐	
desc. node	-3686 Jan	16 j 04:14	1°♐16'37	
	-3686 Feb	05 j 13:45	0°♑	
morning set	-3686 Feb	17 j 11:54	21°♑44'19	
	-3686 Feb	21 j 13:59	0°♒	
max. Earth dist.	-3686 Feb	22 j 12:40	1°♒57'45	1.33571 AU
superior conj	-3686 Feb	25 j 08:39	7°♒55'56	-0°54'40
minimum elong	-3686 Feb	25 j 11:01	8°♒08'32	0°54'21
asc. node	-3686 Mar	02 j 20:46	19°♒41'59	
evening rise	-3686 Mar	04 j 13:43	23°♒18'12	
	-3686 Mar	07 j 20:01	0°♓	
evening max el	-3686 Mar	26 j 11:55	28°♓20'33	22°35'32
	-3686 Mar	28 j 08:27	0°♈	
retrograde	-3686 Apr	08 j 13:16	4°♈44'01	
evening set	-3686 Apr	11 j 15:06	4°♈23'14	
desc. node	-3686 Apr	14 j 03:06	3°♈38'05	
min. Earth dist.	-3686 Apr	19 j 20:54	0°♈47'23	0.55419 AU
inferior conj	-3686 Apr	20 j 23:15	0°♈09'41	-1°51'04
minimum elong	-3686 Apr	20 j 18:28	0°♈16'31	1°49'32
	-3686 Apr	21 j 06:01	30°℞♓	
morning rise	-3686 Apr	29 j 23:47	26°♓12'49	
direct	-3686 May	02 j 13:59	25°♓57'14	
	-3686 May	12 j 11:51	0°♈	
morning max el	-3686 May	13 j 22:43	1°♈16'09	20°55'50
asc. node	-3686 May	29 j 20:20	25°♈02'18	
	-3686 Jun	01 j 08:01	0°♉	
morning set	-3686 Jun	02 j 08:25	2°♉04'31	
superior conj	-3686 Jun	09 j 21:35	17°♉42'55	1°33'06
minimum elong	-3686 Jun	09 j 19:03	17°♉29'55	1°32'57
max. Earth dist.	-3686 Jun	14 j 04:48	26°♉23'11	1.35643 AU
	-3686 Jun	16 j 01:09	0°♊	
evening rise	-3686 Jun	18 j 11:59	4°♊40'31	
	-3686 Jul	03 j 07:02	0°♋	
desc. node	-3686 Jul	11 j 01:59	11°♋24'40	
evening max el	-3686 Jul	24 j 01:34	26°♋56'43	26°28'21
	-3686 Jul	27 j 12:00	0°♌	
retrograde	-3686 Aug	05 j 21:11	4°♌11'51	
evening set	-3686 Aug	12 j 10:16	1°♌26'53	
	-3686 Aug	13 j 23:13	30°℞♋	
min. Earth dist.	-3686 Aug	16 j 11:39	27°♋09'26	0.66064 AU
inferior conj	-3686 Aug	18 j 00:53	25°♋15'40	-2°28'00
minimum elong	-3686 Aug	18 j 04:11	25°♋05'37	2°26'44
morning rise	-3686 Aug	23 j 22:22	19°♋28'05	
asc. node	-3686 Aug	25 j 19:36	18°♋42'42	
direct	-3686 Aug	26 j 23:50	18°♋34'50	
morning max el	-3686 Sep	02 j 18:45	22°♋22'26	18°44'51
	-3686 Sep	08 j 20:20	0°♌	
morning set	-3686 Sep	23 j 17:33	23°♌14'32	
	-3686 Sep	27 j 23:15	0°♍	
desc. node	-3686 Oct	07 j 01:35	14°♍23'45	
superior conj	-3686 Oct	09 j 16:08	18°♍30'09	-0°16'32
minimum elong	-3686 Oct	09 j 13:57	18°♍21'34	0°16'13
behind sun begin	-3686 Oct	09 j 12:36	18°♍16'14	
behind sun end	-3686 Oct	09 j 15:18	18°♍26'54	
max. Earth dist.	-3686 Oct	09 j 16:04	18°♍29'56	1.44836 AU
	-3686 Oct	16 j 23:02	0°♎	
evening rise	-3686 Oct	25 j 14:23	13°♎44'54	
	-3686 Nov	04 j 18:49	0°♏	
evening max el	-3686 Nov	16 j 04:03	15°♏45'08	18°56'48
asc. node	-3686 Nov	21 j 18:33	19°♏30'15	
retrograde	-3686 Nov	23 j 00:53	19°♏39'12	
evening set	-3686 Nov	26 j 04:46	18°♏41'46	
inferior conj	-3686 Dec	01 j 22:57	12°♏55'59	3°01'25
minimum elong	-3686 Dec	01 j 19:49	13°♏05'41	3°00'27
min. Earth dist.	-3686 Dec	03 j 12:45	10°♏59'10	0.65386 AU
morning rise	-3686 Dec	07 j 10:31	6°♏47'28	
direct	-3686 Dec	14 j 00:04	3°♏57'42	
morning max el	-3686 Dec	26 j 23:11	11°♏30'53	26°42'22
desc. node	-3685 Jan	03 j 01:17	19°♏32'35	
	-3685 Jan	10 j 19:12	0°♐	
	-3685 Jan	29 j 02:21	0°♑	
morning set	-3685 Jan	31 j 21:05	5°♑12'08	
max. Earth dist.	-3685 Feb	05 j 04:58	13°♑38'40	1.34703 AU
superior conj	-3685 Feb	09 j 09:59	22°♑12'51	-1°17'27
minimum elong	-3685 Feb	09 j 13:03	22°♑28'42	1°17'08
	-3685 Feb	13 j 03:28	0°♒	
evening rise	-3685 Feb	16 j 22:59	7°♒58'13	
asc. node	-3685 Feb	17 j 17:49	9°♒35'15	
	-3685 Feb	28 j 22:11	0°♓	
evening max el	-3685 Mar	08 j 11:51	9°♓22'00	21°07'12
retrograde	-3685 Mar	20 j 03:02	14°♓55'47	
evening set	-3685 Mar	22 j 12:57	14°♓42'17	
inferior conj	-3685 Mar	31 j 18:37	10°♓43'46	0°03'54
minimum elong	-3685 Mar	31 j 18:48	10°♓43'31	0°03'47
transit middle	-3685 Mar	31 j 18:48	10°♓43'31	0°03'47
transit begin	-3685 Mar	31 j 14:49	10°♓49'09	
transit end	-3685 Mar	31 j 22:46	10°♓37'52	
desc. node	-3685 Apr	01 j 00:14	10°♓35'48	
min. Earth dist.	-3685 Apr	01 j 11:06	10°♓20'24	0.55176 AU
morning rise	-3685 Apr	10 j 00:10	6°♓35'46	
direct	-3685 Apr	13 j 02:06	6°♓15'02	
morning max el	-3685 Apr	25 j 23:08	12°♓27'03	22°26'48

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3685 May 08 j 23:28	0°♈	
asc. node	-3685 May 16 j 17:23	14°♈47'44	
morning set	-3685 May 17 j 18:44	16°♈58'52	
	-3685 May 23 j 22:18	0°♉	
superior conj	-3685 May 25 j 00:25	2°♉18'16	1°16'41
minimum elong	-3685 May 24 j 21:46	2°♉04'18	1°16'22
max. Earth dist.	-3685 May 27 j 23:29	8°♉29'50	1.34336 AU
evening rise	-3685 Jun 01 j 21:48	18°♉25'15	
	-3685 Jun 08 j 02:00	0°♊	
	-3685 Jun 27 j 11:20	0°♋	
desc. node	-3685 Jun 27 j 23:03	0°♋37'33	
evening max el	-3685 Jul 06 j 13:07	10°♋19'56	27°10'37
retrograde	-3685 Jul 19 j 21:44	17°♋42'10	
evening set	-3685 Jul 26 j 21:15	14°♋54'48	
min. Earth dist.	-3685 Jul 30 j 15:49	11°♋14'45	0.64897 AU
inferior conj	-3685 Aug 01 j 18:30	8°♋52'18	-3°13'35
minimum elong	-3685 Aug 01 j 22:20	8°♋41'30	3°12'23
morning rise	-3685 Aug 07 j 23:56	3°♋19'25	
direct	-3685 Aug 10 j 19:20	2°♋37'12	
asc. node	-3685 Aug 12 j 16:42	2°♋56'15	
morning max el	-3685 Aug 17 j 08:06	6°♋08'56	18°12'03
	-3685 Sep 02 j 08:18	0°♌	
morning set	-3685 Sep 04 j 17:36	3°♌59'04	
superior conj	-3685 Sep 18 j 19:42	27°♌00'58	0°32'15
minimum elong	-3685 Sep 18 j 23:31	27°♌16'12	0°31'51
	-3685 Sep 20 j 16:38	0°♍	
max. Earth dist.	-3685 Sep 22 j 10:07	2°♍44'33	1.44607 AU
desc. node	-3685 Sep 23 j 22:31	5°♍08'19	
evening rise	-3685 Oct 05 j 09:58	23°♍04'48	
	-3685 Oct 09 j 21:08	0°♎	
greatest brilliancy	-3685 Oct 17 j 23:03	12°♎22'13	-0.7m
evening max el	-3685 Oct 30 j 11:10	29°♎11'50	19°45'56
	-3685 Oct 31 j 06:30	0°♏	
retrograde	-3685 Nov 06 j 21:35	3°♏31'35	
asc. node	-3685 Nov 08 j 15:40	3°♏13'47	
evening set	-3685 Nov 10 j 09:21	2°♏20'29	
	-3685 Nov 12 j 23:37	30°℞♎	
inferior conj	-3685 Nov 15 j 22:24	26°♎21'18	2°19'04
minimum elong	-3685 Nov 15 j 19:37	26°♎30'27	2°18'03
min. Earth dist.	-3685 Nov 16 j 22:58	25°♎00'42	0.66388 AU
morning rise	-3685 Nov 21 j 05:41	20°♎08'24	
direct	-3685 Nov 27 j 05:47	17°♎30'26	
morning max el	-3685 Dec 09 j 08:09	24°♎39'59	25°33'20
	-3685 Dec 14 j 04:27	0°♏	
desc. node	-3685 Dec 20 j 22:17	8°♏36'34	
	-3684 Jan 04 j 06:08	0°♐	
morning set	-3684 Jan 14 j 14:28	17°♐46'53	
max. Earth dist.	-3684 Jan 18 j 09:36	24°♐49'52	1.36283 AU
	-3684 Jan 21 j 02:12	0°♑	
superior conj	-3684 Jan 24 j 03:04	5°♑59'19	-1°36'47
minimum elong	-3684 Jan 24 j 06:12	6°♑14'57	1°36'37
evening rise	-3684 Feb 01 j 04:08	22°♑19'11	
asc. node	-3684 Feb 04 j 14:50	29°♑11'14	
	-3684 Feb 05 j 00:53	0°♒	
evening max el	-3684 Feb 18 j 21:53	20°♒55'51	19°53'28
retrograde	-3684 Feb 28 j 20:15	25°♒38'46	
evening set	-3684 Mar 02 j 03:23	25°♒24'46	
inferior conj	-3684 Mar 10 j 19:19	21°♒23'23	1°53'21
minimum elong	-3684 Mar 10 j 23:41	21°♒16'39	1°51'55
min. Earth dist.	-3684 Mar 13 j 01:16	20°♒00'32	0.55861 AU
desc. node	-3684 Mar 17 j 21:22	17°♒28'47	
morning rise	-3684 Mar 19 j 17:46	16°♒49'28	
direct	-3684 Mar 23 j 19:32	16°♒12'44	
morning max el	-3684 Apr 06 j 15:48	23°♒07'28	24°05'57

	-3684 Apr 12 j 18:35	0°♓	
	-3684 Apr 30 j 07:43	0°♈	
morning set	-3684 May 01 j 06:43	2°♈00'00	
asc. node	-3684 May 02 j 14:23	4°♈47'13	
superior conj	-3684 May 08 j 08:10	17°♈09'10	0°56'37
minimum elong	-3684 May 08 j 05:56	16°♈57'08	0°56'14
max. Earth dist.	-3684 May 10 j 03:32	21°♈01'55	1.33394 AU
	-3684 May 14 j 10:11	0°♉	
evening rise	-3684 May 15 j 18:10	2°♉42'35	
	-3684 May 30 j 22:02	0°♊	
desc. node	-3684 Jun 13 j 20:07	19°♊02'27	
evening max el	-3684 Jun 17 j 23:22	23°♊22'39	27°25'19
	-3684 Jun 27 j 14:33	0°♋	
retrograde	-3684 Jul 01 j 16:18	0°♋45'47	
	-3684 Jul 05 j 13:26	30°℞♊	
evening set	-3684 Jul 08 j 20:16	28°♊08'13	
min. Earth dist.	-3684 Jul 12 j 10:33	25°♊00'44	0.63352 AU
inferior conj	-3684 Jul 15 j 03:08	22°♊17'20	-3°51'05
minimum elong	-3684 Jul 15 j 06:42	22°♊08'17	3°50'16
morning rise	-3684 Jul 21 j 18:03	17°♊02'27	
direct	-3684 Jul 24 j 09:32	16°♊28'37	
asc. node	-3684 Jul 29 j 13:46	18°♊37'57	
morning max el	-3684 Jul 30 j 23:03	19°♊52'59	17°57'01
	-3684 Aug 07 j 11:09	0°♋	
morning set	-3684 Aug 16 j 18:30	15°♋54'55	
	-3684 Aug 24 j 22:12	0°♌	
superior conj	-3684 Aug 28 j 20:57	6°♌37'35	1°11'29
minimum elong	-3684 Aug 29 j 02:41	7°♌01'24	1°10'59
max. Earth dist.	-3684 Sep 04 j 02:02	16°♌46'39	1.43683 AU
desc. node	-3684 Sep 09 j 19:28	25°♌52'31	
	-3684 Sep 12 j 10:51	0°♍	
evening rise	-3684 Sep 13 j 15:08	1°♍49'42	
	-3684 Oct 02 j 12:12	0°♎	
evening max el	-3684 Oct 12 j 12:41	12°♎38'24	20°49'03
retrograde	-3684 Oct 20 j 18:45	17°♎31'10	
evening set	-3684 Oct 24 j 16:34	16°♎03'51	
asc. node	-3684 Oct 25 j 12:45	15°♎22'09	
inferior conj	-3684 Oct 30 j 02:11	9°♎54'33	1°31'08
minimum elong	-3684 Oct 30 j 00:12	10°♎01'19	1°30'20
min. Earth dist.	-3684 Oct 30 j 15:01	9°♎10'51	0.67048 AU
morning rise	-3684 Nov 04 j 07:41	3°♎39'32	
direct	-3684 Nov 09 j 16:33	1°♎20'17	
morning max el	-3684 Nov 20 j 16:51	7°♎54'12	24°10'41
desc. node	-3684 Dec 06 j 19:15	28°♎14'58	
	-3684 Dec 08 j 00:21	0°♏	
morning set	-3684 Dec 26 j 10:15	29°♏13'18	
	-3684 Dec 26 j 21:02	0°♐	
max. Earth dist.	-3684 Dec 30 j 06:38	5°♐59'42	1.38221 AU
superior conj	-3683 Jan 06 j 08:22	19°♐05'53	-1°50'25
minimum elong	-3683 Jan 06 j 10:32	19°♐16'13	1°50'28
	-3683 Jan 11 j 22:51	0°♑	
evening rise	-3683 Jan 15 j 02:53	6°♑15'03	
asc. node	-3683 Jan 21 j 11:51	18°♑23'47	
	-3683 Jan 28 j 23:11	0°♒	
evening max el	-3683 Jan 31 j 18:04	3°♒04'32	18°58'27
retrograde	-3683 Feb 09 j 04:36	7°♒07'41	
evening set	-3683 Feb 11 j 14:13	6°♒49'22	
inferior conj	-3683 Feb 19 j 12:40	2°♒32'48	3°11'27
minimum elong	-3683 Feb 19 j 17:17	2°♒24'36	3°10'22
min. Earth dist.	-3683 Feb 22 j 16:39	0°♒18'49	0.57305 AU
	-3683 Feb 23 j 03:52	30°℞♑	
morning rise	-3683 Feb 27 j 17:43	27°♑28'33	
desc. node	-3683 Mar 04 j 18:28	26°♑21'50	
direct	-3683 Mar 05 j 01:01	26°♑21'39	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3683 Mar 14 j 20:28	0°♒	
morning max el	-3683 Mar 19 j 06:50	3°♒43'24	25°39'59
	-3683 Apr 07 j 01:53	0°♓	
morning set	-3683 Apr 15 j 18:43	17°♓01'49	
asc. node	-3683 Apr 19 j 11:22	24°♓55'45	
	-3683 Apr 21 j 19:14	0°♈	
superior conj	-3683 Apr 22 j 18:47	2°♈08'31	0°33'58
minimum elong	-3683 Apr 22 j 17:20	2°♈00'37	0°33'40
max. Earth dist.	-3683 Apr 23 j 14:01	3°♈53'19	1.32803 AU
evening rise	-3683 Apr 29 j 21:46	17°♈21'43	
	-3683 May 06 j 07:55	0°♉	
	-3683 May 25 j 19:25	0°♊	
evening max el	-3683 May 31 j 05:41	5°♊51'33	27°08'00
desc. node	-3683 May 31 j 17:13	6°♊18'47	
retrograde	-3683 Jun 14 j 04:10	13°♊13'16	
evening set	-3683 Jun 21 j 03:19	10°♊59'27	
min. Earth dist.	-3683 Jun 24 j 19:11	8°♊13'17	0.61484 AU
inferior conj	-3683 Jun 27 j 23:33	5°♊22'46	-4°15'35
minimum elong	-3683 Jun 28 j 01:35	5°♊18'12	4°15'17
morning rise	-3683 Jul 05 j 01:25	0°♊28'37	
direct	-3683 Jul 07 j 14:44	0°♊01'14	
morning max el	-3683 Jul 14 j 12:50	3°♊27'46	18°00'31
asc. node	-3683 Jul 16 j 10:49	5°♊32'16	
morning set	-3683 Jul 30 j 14:37	28°♊45'48	
	-3683 Jul 31 j 06:48	0°♋	
superior conj	-3683 Aug 10 j 01:52	17°♋36'25	1°36'22
minimum elong	-3683 Aug 10 j 05:54	17°♋54'03	1°36'12
	-3683 Aug 17 j 08:43	0°♌	
max. Earth dist.	-3683 Aug 17 j 12:35	0°♌15'59	1.42189 AU
evening rise	-3683 Aug 24 j 00:36	10°♌47'53	
desc. node	-3683 Aug 27 j 16:27	16°♌32'30	
	-3683 Sep 05 j 13:51	0°♍	
evening max el	-3683 Sep 25 j 07:54	26°♍03'37	22°03'05
	-3683 Sep 29 j 23:56	0°♎	
retrograde	-3683 Oct 04 j 14:36	1°♎34'34	
	-3683 Oct 08 j 18:55	30°℞♍	
evening set	-3683 Oct 09 j 00:31	29°♍48'58	
asc. node	-3683 Oct 12 j 09:50	26°♍10'07	
inferior conj	-3683 Oct 14 j 08:18	23°♍33'02	0°39'38
minimum elong	-3683 Oct 14 j 07:23	23°♍36'11	0°39'16
min. Earth dist.	-3683 Oct 14 j 10:31	23°♍25'22	0.67386 AU
morning rise	-3683 Oct 19 j 14:07	17°♍18'33	
direct	-3683 Oct 24 j 07:52	15°♍20'43	
morning max el	-3683 Nov 03 j 03:31	21°♍11'48	22°44'03
	-3683 Nov 10 j 15:42	0°♎	
desc. node	-3683 Nov 23 j 16:14	18°♎17'35	
	-3683 Dec 01 j 07:42	0°♏	
morning set	-3683 Dec 07 j 02:45	9°♏18'08	
max. Earth dist.	-3683 Dec 12 j 03:08	17°♏41'26	1.40295 AU
	-3683 Dec 19 j 03:29	0°♐	
superior conj	-3683 Dec 19 j 21:17	1°♐20'31	-1°55'22
minimum elong	-3683 Dec 19 j 21:02	1°♐19'27	1°55'29
evening rise	-3683 Dec 29 j 16:25	19°♐38'56	
	-3682 Jan 04 j 05:37	0°♑	
asc. node	-3682 Jan 08 j 08:53	7°♑05'25	
evening max el	-3682 Jan 14 j 22:30	15°♑43'23	18°23'32
retrograde	-3682 Jan 22 j 07:30	19°♑21'48	
evening set	-3682 Jan 24 j 20:23	18°♑57'11	
inferior conj	-3682 Feb 01 j 02:37	14°♑20'25	3°52'14
minimum elong	-3682 Feb 01 j 04:50	14°♑15'49	3°51'53
min. Earth dist.	-3682 Feb 04 j 11:52	11°♑33'39	0.59203 AU
morning rise	-3682 Feb 08 j 11:10	8°♑51'58	
direct	-3682 Feb 14 j 19:31	7°♑05'56	
desc. node	-3682 Feb 19 j 15:33	8°♑04'35	
morning max el	-3682 Mar 01 j 01:45	14°♑42'14	26°53'36
	-3682 Mar 13 j 09:30	0°♒	
	-3682 Mar 30 j 06:15	0°♓	
morning set	-3682 Mar 31 j 05:03	1°♓58'06	
asc. node	-3682 Apr 06 j 08:22	15°♓08'58	
superior conj	-3682 Apr 07 j 06:32	17°♓10'17	0°09'40
minimum elong	-3682 Apr 07 j 06:06	17°♓07'56	0°09'33
behind sun begin	-3682 Apr 07 j 02:06	16°♓46'00	
behind sun end	-3682 Apr 07 j 10:06	17°♓29'52	
max. Earth dist.	-3682 Apr 07 j 03:15	16°♓52'19	1.32551 AU
	-3682 Apr 13 j 04:37	0°♈	
evening rise	-3682 Apr 14 j 06:06	2°♈14'08	
	-3682 Apr 29 j 08:44	0°♉	
evening max el	-3682 May 13 j 06:08	17°♉39'22	26°18'24
desc. node	-3682 May 18 j 14:18	21°♉58'35	
retrograde	-3682 May 27 j 08:10	24°♉57'33	
evening set	-3682 Jun 02 j 14:25	23°♉19'26	
min. Earth dist.	-3682 Jun 06 j 19:08	20°♉38'00	0.59442 AU
inferior conj	-3682 Jun 10 j 04:13	18°♉00'26	-4°19'38
minimum elong	-3682 Jun 10 j 03:15	18°♉02'18	4°19'30
morning rise	-3682 Jun 17 j 18:29	13°♉28'04	
direct	-3682 Jun 20 j 06:43	13°♉05'50	
morning max el	-3682 Jun 27 j 22:38	16°♉46'01	18°23'28
asc. node	-3682 Jul 03 j 07:53	23°♉24'30	
	-3682 Jul 07 j 09:07	0°♊	
morning set	-3682 Jul 14 j 00:59	12°♊19'43	
superior conj	-3682 Jul 23 j 07:12	29°♊48'54	1°47'40
minimum elong	-3682 Jul 23 j 08:33	29°♊55'07	1°47'47
	-3682 Jul 23 j 09:37	0°♋	
max. Earth dist.	-3682 Jul 30 j 17:03	13°♋01'24	1.40341 AU
evening rise	-3682 Aug 04 j 07:12	20°♋46'54	
	-3682 Aug 09 j 23:57	0°♌	
desc. node	-3682 Aug 14 j 13:25	7°♌04'44	
	-3682 Aug 30 j 17:52	0°♍	
evening max el	-3682 Sep 07 j 21:58	9°♍29'47	23°23'12
retrograde	-3682 Sep 18 j 07:39	15°♍39'10	
evening set	-3682 Sep 23 j 07:27	13°♍34'14	
inferior conj	-3682 Sep 28 j 14:57	7°♍15'19	-0°13'43
minimum elong	-3682 Sep 28 j 15:16	7°♍14'14	0°13'31
transit middle	-3682 Sep 28 j 15:16	7°♍14'14	0°13'31
transit begin	-3682 Sep 28 j 13:45	7°♍19'27	
transit end	-3682 Sep 28 j 16:47	7°♍09'01	
min. Earth dist.	-3682 Sep 28 j 07:01	7°♍42'34	0.67425 AU
asc. node	-3682 Sep 29 j 06:57	6°♍20'37	
morning rise	-3682 Oct 03 j 23:00	1°♍04'15	
	-3682 Oct 05 j 16:35	30°℞♌	
direct	-3682 Oct 08 j 02:52	29°♌27'37	
	-3682 Oct 10 j 16:25	0°♍	
morning max el	-3682 Oct 16 j 19:12	4°♍35'12	21°21'41
	-3682 Nov 04 j 20:01	0°♎	
desc. node	-3682 Nov 10 j 13:11	8°♎37'20	
morning set	-3682 Nov 16 j 15:30	18°♎05'00	
max. Earth dist.	-3682 Nov 24 j 05:13	0°♏15'01	1.42226 AU
	-3682 Nov 24 j 01:33	0°♏	
superior conj	-3682 Dec 01 j 12:12	12°♏29'39	-1°47'52
minimum elong	-3682 Dec 01 j 08:16	12°♏12'49	1°47'45
	-3682 Dec 11 j 09:37	0°♐	
evening rise	-3682 Dec 12 j 17:10	2°♐22'53	
asc. node	-3682 Dec 26 j 05:56	25°♐06'23	
evening max el	-3682 Dec 29 j 08:27	28°♐44'18	18°08'35
	-3682 Dec 30 j 18:03	0°♑	
retrograde	-3681 Jan 05 j 02:37	2°♑12'23	
evening set	-3681 Jan 07 j 18:41	1°♑40'13	
	-3681 Jan 10 j 16:23	30°℞♐	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3681 Jan 14 j 11:30	26°♐41'58	4°02'04
minimum elong	-3681 Jan 14 j 11:02	26°♐43'03	4°01'54
min. Earth dist.	-3681 Jan 17 j 13:41	23°♐46'30	0.61225 AU
morning rise	-3681 Jan 21 j 02:05	20°♐57'10	
direct	-3681 Jan 28 j 00:44	18°♐35'36	
desc. node	-3681 Feb 06 j 12:38	22°♐21'15	
morning max el	-3681 Feb 11 j 02:44	26°♐18'37	27°35'20
	-3681 Feb 14 j 14:24	0°♑	
	-3681 Mar 06 j 20:23	0°♒	
morning set	-3681 Mar 15 j 11:44	16°♒40'47	
max. Earth dist.	-3681 Mar 21 j 15:30	29°♒44'44	1.32649 AU
	-3681 Mar 21 j 18:18	0°♓	
superior conj	-3681 Mar 22 j 17:42	2°♓07'20	-0°15'30
minimum elong	-3681 Mar 22 j 18:24	2°♓11'09	0°15'25
behind sun begin	-3681 Mar 22 j 17:18	2°♓05'08	
behind sun end	-3681 Mar 22 j 19:30	2°♓17'11	
asc. node	-3681 Mar 24 j 05:22	5°♓21'53	
evening rise	-3681 Mar 29 j 17:00	17°♓11'18	
	-3681 Apr 05 j 02:19	0°♈	
evening max el	-3681 Apr 25 j 00:42	28°♈47'09	25°01'52
	-3681 Apr 26 j 08:22	0°♉	
desc. node	-3681 May 05 j 11:26	5°♉25'00	
retrograde	-3681 May 09 j 01:42	5°♉55'05	
evening set	-3681 May 14 j 03:42	4°♉55'35	
min. Earth dist.	-3681 May 19 j 12:59	2°♉02'38	0.57492 AU
inferior conj	-3681 May 22 j 13:45	0°♉00'04	-3°53'08
minimum elong	-3681 May 22 j 09:13	0°♉07'47	3°52'20
	-3681 May 22 j 13:48	30°℞♈	
morning rise	-3681 May 30 j 17:44	25°♈47'41	
direct	-3681 Jun 02 j 05:27	25°♈29'28	
morning max el	-3681 Jun 11 j 01:23	29°♈37'02	19°06'45
	-3681 Jun 11 j 11:00	0°♉	
asc. node	-3681 Jun 20 j 04:56	12°♉00'30	
morning set	-3681 Jun 27 j 21:35	26°♉25'51	
	-3681 Jun 29 j 16:50	0°♊	
superior conj	-3681 Jul 06 j 07:08	12°♊58'13	1°48'07
minimum elong	-3681 Jul 06 j 06:17	12°♊54'09	1°48'14
max. Earth dist.	-3681 Jul 12 j 18:49	25°♊07'45	1.38387 AU
	-3681 Jul 15 j 12:08	0°♋	
evening rise	-3681 Jul 16 j 16:00	2°♋02'14	
desc. node	-3681 Aug 01 j 10:27	27°♋24'24	
	-3681 Aug 03 j 04:51	0°♌	
evening max el	-3681 Aug 21 j 09:21	22°♌59'31	24°42'52
retrograde	-3681 Sep 01 j 20:51	29°♌41'39	
evening set	-3681 Sep 07 j 11:37	27°♌18'01	
min. Earth dist.	-3681 Sep 12 j 01:59	22°♌01'13	0.67160 AU
inferior conj	-3681 Sep 12 j 20:27	20°♌59'39	-1°07'17
minimum elong	-3681 Sep 12 j 22:02	20°♌54'23	1°06'32
asc. node	-3681 Sep 16 j 04:04	16°♌52'49	
morning rise	-3681 Sep 18 j 08:26	14°♌55'14	
direct	-3681 Sep 22 j 00:22	13°♌37'46	
morning max el	-3681 Sep 29 j 17:58	18°♌07'18	20°09'35
	-3681 Oct 09 j 02:43	0°♍	
morning set	-3681 Oct 26 j 13:42	26°♍16'35	
desc. node	-3681 Oct 28 j 10:08	29°♍09'02	
	-3681 Oct 28 j 23:13	0°♎	
max. Earth dist.	-3681 Nov 06 j 15:09	13°♎40'17	1.43742 AU
superior conj	-3681 Nov 12 j 00:19	22°♎22'41	-1°24'22
minimum elong	-3681 Nov 11 j 17:23	21°♎54'21	1°23'45
	-3681 Nov 16 j 14:56	0°♏	
evening rise	-3681 Nov 25 j 00:47	14°♏18'22	
	-3681 Dec 04 j 05:47	0°♐	
evening max el	-3681 Dec 12 j 21:00	11°♐59'38	18°12'58
asc. node	-3681 Dec 13 j 03:02	12°♐14'39	
retrograde	-3681 Dec 19 j 09:54	15°♐29'48	
evening set	-3681 Dec 22 j 05:33	14°♐49'00	
inferior conj	-3681 Dec 28 j 11:42	9°♐30'10	3°49'42
minimum elong	-3681 Dec 28 j 09:27	9°♐36'14	3°49'16
min. Earth dist.	-3681 Dec 31 j 00:30	6°♐47'36	0.63094 AU
morning rise	-3680 Jan 03 j 12:38	3°♐33'57	
direct	-3680 Jan 10 j 14:10	0°♐49'55	
desc. node	-3680 Jan 24 j 09:42	8°♐35'56	
morning max el	-3680 Jan 24 j 09:05	8°♐34'24	27°40'52
	-3680 Feb 10 j 00:30	0°♑	
	-3680 Feb 27 j 00:05	0°♒	
morning set	-3680 Feb 27 j 12:32	1°♒02'18	
max. Earth dist.	-3680 Mar 03 j 23:01	12°♒17'49	1.33125 AU
superior conj	-3680 Mar 06 j 02:38	16°♒53'56	-0°40'37
minimum elong	-3680 Mar 06 j 04:26	17°♒03'39	0°40'21
asc. node	-3680 Mar 10 j 02:23	25°♒30'38	
	-3680 Mar 12 j 04:42	0°♓	
evening rise	-3680 Mar 13 j 04:42	2°♓06'54	
	-3680 Mar 28 j 16:55	0°♈	
evening max el	-3680 Apr 05 j 16:35	9°♈31'09	23°29'47
retrograde	-3680 Apr 19 j 06:21	16°♈15'27	
desc. node	-3680 Apr 21 j 08:34	16°♈05'41	
evening set	-3680 Apr 23 j 00:09	15°♈44'43	
min. Earth dist.	-3680 Apr 30 j 03:38	12°♈28'14	0.55977 AU
inferior conj	-3680 May 02 j 03:20	11°♈17'09	-2°46'58
minimum elong	-3680 May 01 j 21:19	11°♈26'08	2°45'18
morning rise	-3680 May 10 j 21:11	7°♈18'20	
direct	-3680 May 13 j 09:35	7°♈02'33	
morning max el	-3680 May 23 j 18:32	11°♈51'41	20°10'31
	-3680 Jun 05 j 11:00	0°♉	
asc. node	-3680 Jun 06 j 01:58	1°♉09'44	
morning set	-3680 Jun 11 j 01:21	10°♉56'03	
superior conj	-3680 Jun 18 j 20:31	26°♉49'55	1°40'24
minimum elong	-3680 Jun 18 j 18:22	26°♉39'04	1°40'21
	-3680 Jun 20 j 10:34	0°♊	
max. Earth dist.	-3680 Jun 23 j 23:44	6°♊55'41	1.36564 AU
evening rise	-3680 Jun 27 j 23:57	14°♊26'41	
	-3680 Jul 06 j 22:51	0°♋	
desc. node	-3680 Jul 18 j 07:30	17°♋25'20	
	-3680 Jul 27 j 21:02	0°♌	
evening max el	-3680 Aug 02 j 20:15	6°♌31'34	25°54'14
retrograde	-3680 Aug 15 j 05:25	13°♌37'06	
evening set	-3680 Aug 21 j 11:00	10°♌58'03	
min. Earth dist.	-3680 Aug 25 j 16:56	6°♌18'43	0.66569 AU
inferior conj	-3680 Aug 26 j 22:57	4°♌43'34	-1°59'25
minimum elong	-3680 Aug 27 j 01:42	4°♌34'52	1°58'15
	-3680 Aug 31 j 03:14	30°℞♋	
morning rise	-3680 Sep 01 j 16:31	28°♋49'02	
asc. node	-3680 Sep 02 j 01:12	28°♋36'13	
direct	-3680 Sep 04 j 22:40	27°♋47'49	
	-3680 Sep 10 j 00:53	0°♌	
morning max el	-3680 Sep 11 j 23:51	1°♌47'48	19°11'19
	-3680 Oct 01 j 16:10	0°♍	
morning set	-3680 Oct 04 j 20:53	5°♍00'44	
desc. node	-3680 Oct 14 j 07:04	19°♍48'16	
max. Earth dist.	-3680 Oct 19 j 07:03	27°♍40'41	1.44645 AU
	-3680 Oct 20 j 18:17	0°♎	
superior conj	-3680 Oct 21 j 10:48	1°♎05'25	-0°44'29
minimum elong	-3680 Oct 21 j 05:21	0°♎43'49	0°43'48
evening rise	-3680 Nov 05 j 10:38	25°♎15'46	
	-3680 Nov 08 j 07:50	0°♏	
evening max el	-3680 Nov 25 j 09:15	25°♏22'03	18°35'44
asc. node	-3680 Nov 29 j 00:08	28°♏14'55	
retrograde	-3680 Dec 02 j 01:05	29°♏04'52	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3680 Dec 05 j 01:29	28°♏13'59	
inferior conj	-3680 Dec 10 j 23:24	22°♏36'55	3°22'08
minimum elong	-3680 Dec 10 j 20:21	22°♏45'58	3°21'21
min. Earth dist.	-3680 Dec 12 j 21:18	20°♏21'22	0.64655 AU
morning rise	-3680 Dec 16 j 14:49	16°♏32'10	
direct	-3680 Dec 23 j 10:21	13°♏40'52	
morning max el	-3679 Jan 05 j 18:23	21°♏20'42	27°12'07
desc. node	-3679 Jan 10 j 06:44	26°♏14'38	
	-3679 Jan 13 j 08:40	0°♐	
	-3679 Feb 02 j 03:14	0°♑	
morning set	-3679 Feb 10 j 04:27	14°♑52'34	
max. Earth dist.	-3679 Feb 14 j 21:58	24°♑19'53	1.34005 AU
	-3679 Feb 17 j 15:32	0°♒	
superior conj	-3679 Feb 18 j 07:21	1°♒23'06	-1°04'38
minimum elong	-3679 Feb 18 j 10:04	1°♒37'25	1°04'18
asc. node	-3679 Feb 24 j 23:24	15°♒30'39	
evening rise	-3679 Feb 25 j 15:21	16°♒54'05	
	-3679 Mar 04 j 05:47	0°♓	
evening max el	-3679 Mar 18 j 11:41	20°♓17'56	21°56'30
retrograde	-3679 Mar 30 j 23:43	26°♓21'36	
evening set	-3679 Apr 02 j 17:09	26°♓05'02	
desc. node	-3679 Apr 08 j 05:41	24°♓04'34	
min. Earth dist.	-3679 Apr 11 j 17:23	22°♓11'49	0.55202 AU
inferior conj	-3679 Apr 12 j 01:57	21°♓59'46	-1°03'44
minimum elong	-3679 Apr 11 j 23:01	22°♓03'54	1°02'45
morning rise	-3679 Apr 21 j 05:58	18°♓00'50	
direct	-3679 Apr 23 j 23:46	17°♓44'04	
morning max el	-3679 May 06 j 00:52	23°♓25'13	21°33'02
	-3679 May 11 j 19:19	0°♈	
asc. node	-3679 May 23 j 22:59	20°♈43'58	
morning set	-3679 May 26 j 09:51	25°♈43'37	
	-3679 May 28 j 11:06	0°♉	
superior conj	-3679 Jun 02 j 19:22	11°♉12'24	1°26'40
minimum elong	-3679 Jun 02 j 16:43	10°♉58'35	1°26'26
max. Earth dist.	-3679 Jun 06 j 12:40	18°♉50'05	1.35037 AU
evening rise	-3679 Jun 11 j 01:44	27°♉46'09	
	-3679 Jun 12 j 05:55	0°♊	
	-3679 Jun 30 j 04:51	0°♋	
desc. node	-3679 Jul 05 j 04:34	6°♋59'13	
evening max el	-3679 Jul 16 j 07:32	20°♋00'22	26°49'16
retrograde	-3679 Jul 29 j 09:04	27°♋19'25	
evening set	-3679 Aug 05 j 03:19	24°♋31'49	
min. Earth dist.	-3679 Aug 09 j 01:31	20°♋30'55	0.65615 AU
inferior conj	-3679 Aug 10 j 20:27	18°♋24'08	-2°48'06
minimum elong	-3679 Aug 11 j 00:03	18°♋13'30	2°46'48
morning rise	-3679 Aug 16 j 21:09	12°♋42'43	
direct	-3679 Aug 19 j 19:48	11°♋54'32	
asc. node	-3679 Aug 19 j 22:16	11°♋54'35	
morning max el	-3679 Aug 26 j 11:13	15°♋34'03	18°28'54
	-3679 Sep 05 j 22:31	0°♌	
morning set	-3679 Sep 15 j 05:01	14°♌59'33	
	-3679 Sep 24 j 12:35	0°♍	
superior conj	-3679 Sep 30 j 10:20	9°♍22'12	0°04'43
minimum elong	-3679 Sep 30 j 10:58	9°♍24'41	0°04'42
behind sun begin	-3679 Sep 30 j 00:04	8°♍41'38	
behind sun end	-3679 Sep 30 j 21:51	10°♍07'41	
desc. node	-3679 Oct 01 j 04:02	10°♍32'04	
max. Earth dist.	-3679 Oct 02 j 01:18	11°♍55'55	1.44830 AU
	-3679 Oct 13 j 13:01	0°♎	
evening rise	-3679 Oct 16 j 19:46	5°♎10'06	
greatest brilliancy	-3679 Oct 26 j 11:23	20°♎19'49	-0.8m
	-3679 Nov 01 j 21:08	0°♏	
evening max el	-3679 Nov 08 j 18:48	8°♏47'50	19°15'41
retrograde	-3679 Nov 15 j 20:41	12°♏52'09	
asc. node	-3679 Nov 15 j 21:13	12°♏52'09	
evening set	-3679 Nov 19 j 03:37	11°♏49'12	
inferior conj	-3679 Nov 24 j 19:23	5°♏57'00	2°44'15
minimum elong	-3679 Nov 24 j 16:20	6°♏06'44	2°43'15
min. Earth dist.	-3679 Nov 26 j 03:18	4°♏15'28	0.65858 AU
	-3679 Nov 29 j 22:37	30°℞♎	
morning rise	-3679 Nov 30 j 04:46	29°♎46'08	
direct	-3679 Dec 06 j 12:47	27°♎00'31	
	-3679 Dec 14 j 01:57	0°♏	
morning max el	-3679 Dec 19 j 04:07	4°♏25'32	26°15'15
desc. node	-3679 Dec 28 j 03:45	14°♏52'47	
	-3678 Jan 07 j 19:21	0°♐	
morning set	-3678 Jan 24 j 07:34	27°♐59'28	
	-3678 Jan 25 j 09:13	0°♑	
max. Earth dist.	-3678 Jan 28 j 09:24	5°♑46'57	1.35325 AU
superior conj	-3678 Feb 02 j 05:30	15°♑27'33	-1°26'12
minimum elong	-3678 Feb 02 j 08:42	15°♑43'50	1°25'56
	-3678 Feb 09 j 06:18	0°♒	
evening rise	-3678 Feb 09 j 23:06	1°♒26'26	
asc. node	-3678 Feb 11 j 20:25	5°♒16'58	
	-3678 Feb 27 j 03:33	0°♓	
evening max el	-3678 Feb 28 j 15:33	1°♓31'16	20°33'38
retrograde	-3678 Mar 11 j 13:45	6°♓43'21	
evening set	-3678 Mar 13 j 21:06	6°♓30'23	
inferior conj	-3678 Mar 22 j 21:49	2°♓32'22	0°53'01
minimum elong	-3678 Mar 23 j 00:10	2°♓28'57	0°52'08
min. Earth dist.	-3678 Mar 24 j 07:32	1°♓43'16	0.55351 AU
desc. node	-3678 Mar 26 j 02:48	0°♓42'22	
	-3678 Mar 27 j 11:18	30°℞♒	
morning rise	-3678 Apr 01 j 01:54	28°♒14'35	
direct	-3678 Apr 04 j 12:19	27°♒48'54	
	-3678 Apr 12 j 03:57	0°♓	
morning max el	-3678 Apr 17 j 21:34	4°♓21'15	23°08'50
	-3678 May 05 j 13:23	0°♈	
morning set	-3678 May 10 j 21:03	10°♈41'24	
asc. node	-3678 May 10 j 19:59	10°♈35'51	
superior conj	-3678 May 18 j 00:33	25°♈55'20	1°08'33
minimum elong	-3678 May 17 j 22:02	25°♈41'53	1°08'11
	-3678 May 19 j 22:42	0°♉	
max. Earth dist.	-3678 May 20 j 11:20	1°♉06'29	1.33880 AU
evening rise	-3678 May 25 j 16:27	11°♉45'53	
	-3678 Jun 04 j 12:57	0°♊	
desc. node	-3678 Jun 22 j 01:38	25°♊53'47	
	-3678 Jun 25 j 14:36	0°♋	
evening max el	-3678 Jun 28 j 18:31	3°♋15'24	27°20'34
retrograde	-3678 Jul 12 j 07:19	10°♋39'29	
evening set	-3678 Jul 19 j 09:39	7°♋54'15	
min. Earth dist.	-3678 Jul 23 j 01:47	4°♋29'12	0.64279 AU
inferior conj	-3678 Jul 25 j 10:33	1°♋56'12	-3°30'44
minimum elong	-3678 Jul 25 j 14:24	1°♋45'48	3°29'40
	-3678 Jul 27 j 06:48	30°℞♊	
morning rise	-3678 Jul 31 j 19:52	26°♊30'51	
direct	-3678 Aug 03 j 13:15	25°♊52'39	
asc. node	-3678 Aug 06 j 19:20	26°♊46'54	
morning max el	-3678 Aug 10 j 01:37	29°♊20'21	18°03'30
	-3678 Aug 10 j 16:53	0°♋	
morning set	-3678 Aug 27 j 16:11	26°♋15'36	
	-3678 Aug 29 j 21:03	0°♌	
superior conj	-3678 Sep 09 j 21:30	18°♌16'40	0°50'31
minimum elong	-3678 Sep 10 j 02:43	18°♌37'48	0°49'58
max. Earth dist.	-3678 Sep 14 j 18:19	26°♌05'34	1.44288 AU
	-3678 Sep 17 j 05:29	0°♍	
desc. node	-3678 Sep 18 j 01:01	1°♍16'58	
evening rise	-3678 Sep 26 j 07:18	14°♍09'49	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3678 Oct 06 j 15:51	0°♎	
greatest brilliancy	-3678 Oct 09 j 23:52	4°♎59'13	-0.6m
evening max el	-3678 Oct 22 j 23:37	22°♎14'32	20°11'12
retrograde	-3678 Oct 30 j 17:55	26°♎47'59	
asc. node	-3678 Nov 02 j 18:17	25°♎55'16	
evening set	-3678 Nov 03 j 09:34	25°♎30'29	
inferior conj	-3678 Nov 08 j 20:59	19°♎26'33	1°59'20
minimum elong	-3678 Nov 08 j 18:29	19°♎34'53	1°58'22
min. Earth dist.	-3678 Nov 09 j 16:26	18°♎21'28	0.66706 AU
morning rise	-3678 Nov 14 j 03:11	13°♎12'10	
direct	-3678 Nov 19 j 20:52	10°♎41'25	
morning max el	-3678 Dec 01 j 12:55	17°♎37'58	24°59'13
	-3678 Dec 11 j 22:24	0°♏	
desc. node	-3678 Dec 15 j 00:45	4°♏13'13	
	-3678 Dec 31 j 19:45	0°♐	
morning set	-3677 Jan 06 j 16:39	10°♐08'15	
max. Earth dist.	-3677 Jan 10 j 09:47	16°♐52'35	1.37068 AU
superior conj	-3677 Jan 16 j 18:07	28°♐59'00	-1°43'26
minimum elong	-3677 Jan 16 j 21:00	29°♐13'06	1°43'21
	-3677 Jan 17 j 06:32	0°♑	
evening rise	-3677 Jan 25 j 01:53	15°♑38'01	
asc. node	-3677 Jan 29 j 17:26	24°♑44'12	
	-3677 Feb 01 j 14:39	0°♒	
evening max el	-3677 Feb 11 j 06:11	13°♒21'24	19°27'42
retrograde	-3677 Feb 20 j 12:25	17°♒45'29	
evening set	-3677 Feb 22 j 20:10	17°♒30'07	
inferior conj	-3677 Mar 03 j 04:48	13°♒23'43	2°31'02
minimum elong	-3677 Mar 03 j 09:45	13°♒15'38	2°29'37
min. Earth dist.	-3677 Mar 05 j 22:28	11°♒37'11	0.56394 AU
morning rise	-3677 Mar 11 j 20:40	8°♒36'18	
desc. node	-3677 Mar 12 j 23:53	8°♒15'44	
direct	-3677 Mar 16 j 10:57	7°♒48'12	
morning max el	-3677 Mar 30 j 12:52	14°♒57'12	24°47'25
	-3677 Apr 11 j 10:50	0°♓	
morning set	-3677 Apr 25 j 09:15	25°♓43'44	
	-3677 Apr 27 j 09:31	0°♈	
asc. node	-3677 Apr 27 j 16:59	0°♈40'03	
superior conj	-3677 May 02 j 09:47	10°♈51'06	0°47'16
minimum elong	-3677 May 02 j 07:51	10°♈40'36	0°46'56
max. Earth dist.	-3677 May 03 j 18:22	13°♈47'19	1.33099 AU
evening rise	-3677 May 09 j 16:17	26°♈14'08	
	-3677 May 11 j 13:11	0°♉	
	-3677 May 28 j 23:24	0°♊	
desc. node	-3677 Jun 08 j 22:41	13°♊52'25	
evening max el	-3677 Jun 11 j 03:25	16°♊05'10	27°22'03
retrograde	-3677 Jun 24 j 23:23	23°♊28'21	
evening set	-3677 Jul 02 j 02:24	20°♊59'21	
min. Earth dist.	-3677 Jul 05 j 16:24	18°♊02'22	0.62587 AU
inferior conj	-3677 Jul 08 j 14:24	15°♊13'49	-4°03'28
minimum elong	-3677 Jul 08 j 17:30	15°♊06'20	4°02'53
morning rise	-3677 Jul 15 j 09:47	10°♊07'20	
direct	-3677 Jul 18 j 00:03	9°♊36'33	
morning max el	-3677 Jul 24 j 16:22	13°♊00'59	17°56'07
asc. node	-3677 Jul 24 j 16:24	13°♊01'04	
	-3677 Aug 05 j 05:29	0°♋	
morning set	-3677 Aug 10 j 01:54	8°♋36'13	
superior conj	-3677 Aug 21 j 10:24	28°♋27'33	1°23'50
minimum elong	-3677 Aug 21 j 15:43	28°♋50'01	1°23'27
	-3677 Aug 22 j 08:17	0°♌	
max. Earth dist.	-3677 Aug 28 j 07:39	9°♌53'22	1.43104 AU
desc. node	-3677 Sep 04 j 21:59	21°♌59'43	
evening rise	-3677 Sep 05 j 11:39	22°♌53'04	
	-3677 Sep 10 j 02:19	0°♍	
	-3677 Oct 01 j 00:23	0°♎	

evening max el	-3677 Oct 05 j 22:29	5°♎40'38	21°19'35
retrograde	-3677 Oct 14 j 14:38	10°♎49'10	
evening set	-3677 Oct 18 j 17:18	9°♎14'29	
asc. node	-3677 Oct 20 j 15:23	7°♎25'53	
inferior conj	-3677 Oct 24 j 01:58	3°♎02'12	1°09'40
minimum elong	-3677 Oct 24 j 00:25	3°♎07'33	1°09'01
min. Earth dist.	-3677 Oct 24 j 10:17	2°♎33'38	0.67227 AU
	-3677 Oct 26 j 08:19	30°℞♍	
morning rise	-3677 Oct 29 j 07:21	26°♍47'00	
direct	-3677 Nov 03 j 09:48	24°♍36'24	
	-3677 Nov 13 j 00:32	0°♎	
morning max el	-3677 Nov 13 j 21:50	0°♎52'36	23°33'46
desc. node	-3677 Dec 01 j 21:43	24°♎03'03	
	-3677 Dec 05 j 21:47	0°♏	
morning set	-3677 Dec 19 j 01:24	21°♏01'12	
max. Earth dist.	-3677 Dec 23 j 05:18	28°♏10'56	1.39101 AU
	-3677 Dec 24 j 06:04	0°♐	
superior conj	-3677 Dec 30 j 17:08	11°♐45'37	-1°53'49
minimum elong	-3677 Dec 30 j 18:28	11°♐51'52	1°53'54
evening rise	-3676 Jan 08 j 21:07	29°♐21'12	
	-3676 Jan 09 j 05:07	0°♑	
asc. node	-3676 Jan 16 j 14:28	13°♑44'46	
evening max el	-3676 Jan 25 j 06:19	25°♑44'30	18°41'10
retrograde	-3676 Feb 02 j 04:22	29°♑34'46	
evening set	-3676 Feb 04 j 15:34	29°♑13'50	
inferior conj	-3676 Feb 12 j 06:51	24°♑49'10	3°33'03
minimum elong	-3676 Feb 12 j 10:37	24°♑42'01	3°32'18
min. Earth dist.	-3676 Feb 15 j 15:04	22°♑18'32	0.58084 AU
morning rise	-3676 Feb 20 j 03:12	19°♑33'57	
direct	-3676 Feb 25 j 22:29	18°♑10'36	
desc. node	-3676 Feb 27 j 20:58	18°♑19'52	
morning max el	-3676 Mar 11 j 04:48	25°♑39'17	26°14'27
	-3676 Mar 15 j 06:24	0°♒	
	-3676 Apr 03 j 12:57	0°♓	
morning set	-3676 Apr 08 j 20:45	10°♓43'42	
asc. node	-3676 Apr 13 j 14:00	20°♓50'57	
superior conj	-3676 Apr 15 j 21:05	25°♓52'04	0°23'49
minimum elong	-3676 Apr 15 j 20:03	25°♓46'24	0°23'36
max. Earth dist.	-3676 Apr 16 j 06:31	26°♓43'36	1.32662 AU
	-3676 Apr 17 j 18:30	0°♈	
evening rise	-3676 Apr 22 j 22:13	11°♈00'04	
	-3676 May 02 j 19:23	0°♉	
evening max el	-3676 May 23 j 07:42	28°♉17'56	26°50'43
	-3676 May 25 j 04:42	0°♊	
desc. node	-3676 May 25 j 19:46	0°♊31'39	
retrograde	-3676 Jun 06 j 07:56	5°♊37'41	
evening set	-3676 Jun 13 j 01:22	3°♊38'20	
min. Earth dist.	-3676 Jun 16 j 21:13	0°♊56'08	0.60625 AU
	-3676 Jun 18 j 00:24	30°℞♉	
inferior conj	-3676 Jun 20 j 04:36	28°♉08'48	-4°20'23
minimum elong	-3676 Jun 20 j 05:31	28°♉06'49	4°20'14
morning rise	-3676 Jun 27 j 11:31	23°♉23'31	
direct	-3676 Jun 30 j 00:19	22°♉58'22	
morning max el	-3676 Jul 07 j 04:44	26°♉29'18	18°07'49
	-3676 Jul 10 j 06:53	0°♊	
asc. node	-3676 Jul 10 j 13:29	0°♊21'38	
morning set	-3676 Jul 23 j 04:40	21°♊47'08	
	-3676 Jul 27 j 14:35	0°♋	
superior conj	-3676 Aug 02 j 02:21	9°♋59'14	1°42'40
minimum elong	-3676 Aug 02 j 05:15	10°♋12'11	1°42'40
max. Earth dist.	-3676 Aug 09 j 15:56	23°♋06'22	1.41435 AU
	-3676 Aug 13 j 19:51	0°♌	
evening rise	-3676 Aug 15 j 04:46	2°♌13'29	
desc. node	-3676 Aug 21 j 18:58	12°♌37'06	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3676 Sep 02 j 12:41	0°♍		
evening max el	-3676 Sep 17 j 15:28	19°♍06'43	22°36'51	
retrograde	-3676 Sep 27 j 09:19	24°♍53'39		
evening set	-3676 Oct 02 j 01:02	22°♍59'51		
asc. node	-3676 Oct 06 j 12:29	17°♍51'23		
inferior conj	-3676 Oct 07 j 08:31	16°♍42'28	0°17'10	
minimum elong	-3676 Oct 07 j 08:07	16°♍43'52	0°17'01	
min. Earth dist.	-3676 Oct 07 j 06:25	16°♍49'44	0.67440 AU	
morning rise	-3676 Oct 12 j 15:05	10°♍29'18		
direct	-3676 Oct 17 j 02:49	8°♍40'31		
morning max el	-3676 Oct 26 j 10:13	14°♍12'07	22°08'11	
	-3676 Nov 08 j 00:34	0°♎		
desc. node	-3676 Nov 17 j 18:42	14°♎14'01		
	-3676 Nov 27 j 21:56	0°♏		
morning set	-3676 Nov 28 j 05:31	0°♏30'28		
max. Earth dist.	-3676 Dec 04 j 04:12	10°♏15'59	1.41156 AU	
superior conj	-3676 Dec 11 j 21:27	23°♏34'35	-1°53'57	
minimum elong	-3676 Dec 11 j 19:46	23°♏27'03	1°54'01	
	-3676 Dec 15 j 11:19	0°♐		
evening rise	-3676 Dec 22 j 05:43	12°♐29'24		
	-3675 Jan 01 j 01:46	0°♑		
asc. node	-3675 Jan 02 j 11:31	2°♑10'29		
evening max el	-3675 Jan 07 j 13:29	8°♑33'49	18°14'42	
retrograde	-3675 Jan 14 j 14:45	12°♑06'07		
evening set	-3675 Jan 17 j 05:06	11°♑38'17		
inferior conj	-3675 Jan 24 j 05:13	6°♑52'00	3°59'38	
minimum elong	-3675 Jan 24 j 06:15	6°♑49'45	3°59'26	
min. Earth dist.	-3675 Jan 27 j 12:26	3°♑58'57	0.60074 AU	
morning rise	-3675 Jan 31 j 05:42	1°♑15'56		
	-3675 Feb 02 j 19:34	30°℞♐		
direct	-3675 Feb 06 j 21:34	29°♐14'02		
	-3675 Feb 11 j 02:39	0°♑		
desc. node	-3675 Feb 13 j 18:04	1°♑11'57		
morning max el	-3675 Feb 21 j 02:13	6°♑52'53	27°15'38	
	-3675 Mar 10 j 11:57	0°♒		
morning set	-3675 Mar 24 j 05:48	25°♒35'02		
	-3675 Mar 26 j 08:16	0°♓		
superior conj	-3675 Mar 31 j 08:48	10°♓52'18	-0°00'58	
minimum elong	-3675 Mar 31 j 08:51	10°♓52'33	0°01'00	
behind sun begin	-3675 Mar 31 j 03:50	10°♓25'10		
behind sun end	-3675 Mar 31 j 13:51	11°♓19'55		
max. Earth dist.	-3675 Mar 30 j 20:00	9°♓42'20	1.32559 AU	
asc. node	-3675 Mar 31 j 11:00	11°♓04'21		
evening rise	-3675 Apr 07 j 07:54	25°♓55'23		
	-3675 Apr 09 j 07:06	0°♈		
	-3675 Apr 26 j 19:30	0°♉		
evening max el	-3675 May 05 j 05:29	9°♉47'26	25°48'27	
desc. node	-3675 May 12 j 16:52	15°♉19'27		
retrograde	-3675 May 19 j 07:24	17°♉01'51		
evening set	-3675 May 25 j 03:03	15°♉40'25		
min. Earth dist.	-3675 May 29 j 17:53	12°♉56'07	0.58587 AU	
inferior conj	-3675 Jun 02 j 01:25	10°♉31'02	-4°12'47	
minimum elong	-3675 Jun 01 j 22:54	10°♉35'41	4°12'28	
morning rise	-3675 Jun 09 j 21:24	6°♉07'43		
direct	-3675 Jun 12 j 09:34	5°♉47'11		
morning max el	-3675 Jun 20 j 11:51	9°♉36'48	18°39'26	
asc. node	-3675 Jun 27 j 10:33	18°♉33'46		
	-3675 Jul 03 j 21:50	0°♊		
morning set	-3675 Jul 06 j 19:49	5°♊35'54		
superior conj	-3675 Jul 15 j 16:18	22°♊37'56	1°49'01	
minimum elong	-3675 Jul 15 j 16:38	22°♊39'27	1°49'10	
	-3675 Jul 19 j 16:04	0°♋		
max. Earth dist.	-3675 Jul 22 j 19:09	5°♋35'28	1.39506 AU	
evening rise	-3675 Jul 26 j 22:29	12°♋44'18		

	-3675 Aug 06 j 15:25	0°♌		
desc. node	-3675 Aug 08 j 15:58	3°♌04'41		
	-3675 Aug 28 j 17:33	0°♍		
evening max el	-3675 Aug 31 j 03:59	2°♍33'45	23°57'34	
retrograde	-3675 Sep 11 j 00:47	8°♍57'56		
evening set	-3675 Sep 16 j 07:01	6°♍44'31		
min. Earth dist.	-3675 Sep 21 j 02:27	1°♍07'38	0.67351 AU	
inferior conj	-3675 Sep 21 j 14:52	0°♍25'27	-0°36'31	
minimum elong	-3675 Sep 21 j 15:44	0°♍22'32	0°36'05	
	-3675 Sep 21 j 22:22	30°℞♌		
asc. node	-3675 Sep 23 j 09:38	28°♌03'23		
morning rise	-3675 Sep 27 j 00:25	24°♌17'06		
direct	-3675 Sep 30 j 22:55	22°♌49'06		
morning max el	-3675 Oct 09 j 04:54	27°♌39'22	20°49'36	
	-3675 Oct 11 j 08:34	0°♍		
	-3675 Nov 01 j 14:48	0°♎		
desc. node	-3675 Nov 04 j 15:41	4°♎39'23		
morning set	-3675 Nov 07 j 09:33	8°♎54'37		
max. Earth dist.	-3675 Nov 16 j 09:58	23°♎13'48	1.42934 AU	
	-3675 Nov 20 j 13:04	0°♏		
superior conj	-3675 Nov 23 j 01:18	4°♏11'22	-1°39'59	
minimum elong	-3675 Nov 22 j 19:48	3°♏48'18	1°39'41	
evening rise	-3675 Dec 04 j 23:43	24°♏53'52		
	-3675 Dec 07 j 20:43	0°♐		
asc. node	-3675 Dec 20 j 08:35	19°♐50'35		
evening max el	-3675 Dec 22 j 00:47	21°♐41'08	18°08'06	
retrograde	-3675 Dec 28 j 15:48	25°♐09'08		
evening set	-3675 Dec 31 j 09:11	24°♐33'32		
inferior conj	-3674 Jan 06 j 21:07	19°♐26'05	3°59'04	
minimum elong	-3674 Jan 06 j 19:46	19°♐29'29	3°58'50	
min. Earth dist.	-3674 Jan 09 j 17:56	16°♐33'54	0.62044 AU	
morning rise	-3674 Jan 13 j 05:19	13°♐35'42		
direct	-3674 Jan 20 j 06:13	11°♐02'56		
desc. node	-3674 Jan 31 j 15:10	16°♐23'20		
morning max el	-3674 Feb 03 j 05:59	18°♐47'33	27°42'14	
	-3674 Feb 12 j 18:41	0°♑		
	-3674 Mar 03 j 06:07	0°♒		
morning set	-3674 Mar 08 j 10:22	10°♒10'36		
max. Earth dist.	-3674 Mar 14 j 06:53	22°♒29'18	1.32803 AU	
superior conj	-3674 Mar 15 j 19:16	25°♒46'07	-0°26'12	
minimum elong	-3674 Mar 15 j 20:27	25°♒52'32	0°26'03	
	-3674 Mar 17 j 17:58	0°♓		
asc. node	-3674 Mar 18 j 08:00	1°♓16'18		
evening rise	-3674 Mar 22 j 19:24	10°♓53'08		
	-3674 Apr 01 j 16:13	0°♈		
evening max el	-3674 Apr 16 j 22:07	20°♈42'16	24°23'40	
desc. node	-3674 Apr 29 j 14:00	27°♈39'25		
retrograde	-3674 Apr 30 j 19:59	27°♈43'01		
evening set	-3674 May 05 j 08:12	26°♈57'16		
min. Earth dist.	-3674 May 11 j 09:57	23°♈55'40	0.56773 AU	
inferior conj	-3674 May 14 j 02:22	22°♈13'10	-3°30'12	
minimum elong	-3674 May 13 j 20:45	22°♈22'10	3°28'58	
morning rise	-3674 May 22 j 12:27	18°♈08'11		
direct	-3674 May 25 j 00:06	17°♈51'21		
morning max el	-3674 Jun 03 j 10:57	22°♈14'39	19°31'28	
	-3674 Jun 09 j 19:29	0°♉		
asc. node	-3674 Jun 14 j 07:36	7°♉25'35		
morning set	-3674 Jun 20 j 19:50	19°♉53'44		
	-3674 Jun 25 j 20:31	0°♊		
superior conj	-3674 Jun 28 j 22:37	6°♊07'55	1°45'42	
minimum elong	-3674 Jun 28 j 21:07	6°♊00'30	1°45'46	
max. Earth dist.	-3674 Jul 04 j 21:13	17°♊30'07	1.37580 AU	
evening rise	-3674 Jul 08 j 17:46	24°♊31'06		
	-3674 Jul 11 j 20:55	0°♋		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3674 Jul 26 j 13:00	23°♋17'29		
	-3674 Jul 31 j 06:44	0°♌		
evening max el	-3674 Aug 13 j 14:43	16°♌04'10	25°14'36	
retrograde	-3674 Aug 25 j 12:14	22°♌58'16		
evening set	-3674 Aug 31 j 09:24	20°♌27'17		
min. Earth dist.	-3674 Sep 04 j 20:00	15°♌26'11	0.66950 AU	
inferior conj	-3674 Sep 05 j 19:19	14°♌09'53	-1°29'43	
minimum elong	-3674 Sep 05 j 21:24	14°♌03'02	1°28'46	
asc. node	-3674 Sep 10 j 06:46	9°♌00'58		
morning rise	-3674 Sep 11 j 09:30	8°♌09'21		
direct	-3674 Sep 14 j 20:53	6°♌59'24		
morning max el	-3674 Sep 22 j 06:53	11°♌15'35	19°42'55	
	-3674 Oct 06 j 03:58	0°♍		
morning set	-3674 Oct 17 j 08:36	17°♍11'38		
desc. node	-3674 Oct 22 j 12:37	25°♍14'40		
	-3674 Oct 25 j 13:25	0°♎		
max. Earth dist.	-3674 Oct 29 j 22:15	6°♎54'10	1.44204 AU	
superior conj	-3674 Nov 03 j 01:35	13°♎31'13	-1°09'13	
minimum elong	-3674 Nov 02 j 18:33	13°♎02'56	1°08'28	
	-3674 Nov 13 j 02:50	0°♏		
evening rise	-3674 Nov 16 j 22:35	6°♏25'17		
	-3674 Dec 01 j 11:29	0°♐		
evening max el	-3674 Dec 05 j 13:27	4°♐59'42	18°20'31	
asc. node	-3674 Dec 07 j 05:41	6°♐31'41		
retrograde	-3674 Dec 12 j 02:51	8°♐34'20		
evening set	-3674 Dec 15 j 00:13	7°♐49'38		
inferior conj	-3674 Dec 21 j 02:37	2°♐22'55	3°39'32	
minimum elong	-3674 Dec 20 j 23:54	2°♐30'33	3°38'58	
	-3674 Dec 23 j 05:36	30°℞♏		
min. Earth dist.	-3674 Dec 23 j 09:12	29°♏50'11	0.63793 AU	
morning rise	-3674 Dec 26 j 22:59	26°♏22'32		
direct	-3673 Jan 02 j 22:49	23°♏33'19		
	-3673 Jan 15 j 05:27	0°♐		
morning max el	-3673 Jan 16 j 13:57	1°♐17'53	27°32'36	
desc. node	-3673 Jan 18 j 12:12	3°♐17'11		
	-3673 Feb 06 j 21:15	0°♑		
morning set	-3673 Feb 20 j 07:47	24°♑20'29		
	-3673 Feb 23 j 03:08	0°♒		
max. Earth dist.	-3673 Feb 25 j 11:03	4°♒49'51	1.33437 AU	
superior conj	-3673 Feb 28 j 02:39	10°♒26'22	-0°51'00	
minimum elong	-3673 Feb 28 j 04:52	10°♒38'17	0°50'42	
asc. node	-3673 Mar 05 j 05:00	21°♒21'58		
evening rise	-3673 Mar 07 j 06:49	25°♒45'51		
	-3673 Mar 09 j 07:51	0°♓		
	-3673 Mar 28 j 04:50	0°♈		
evening max el	-3673 Mar 29 j 14:36	1°♈24'33	22°49'34	
retrograde	-3673 Apr 11 j 19:47	7°♈53'57		
evening set	-3673 Apr 15 j 01:17	7°♈31'07		
desc. node	-3673 Apr 16 j 11:08	7°♈07'39		
min. Earth dist.	-3673 Apr 23 j 00:22	4°♈00'43	0.55538 AU	
inferior conj	-3673 Apr 24 j 08:36	3°♈14'14	-2°06'51	
minimum elong	-3673 Apr 24 j 03:20	3°♈21'50	2°05'14	
	-3673 Apr 30 j 19:21	30°℞♓		
morning rise	-3673 May 03 j 07:33	29°♓17'13		
direct	-3673 May 05 j 21:01	29°♓01'44		
	-3673 May 10 j 16:51	0°♈		
morning max el	-3673 May 16 j 23:39	4°♈12'50	20°43'27	
asc. node	-3673 Jun 01 j 04:37	26°♈46'24		
	-3673 Jun 02 j 20:01	0°♉		
morning set	-3673 Jun 05 j 01:51	4°♉32'02		
superior conj	-3673 Jun 12 j 16:27	20°♉14'10	1°35'12	
minimum elong	-3673 Jun 12 j 14:00	20°♉01'37	1°35'04	
max. Earth dist.	-3673 Jun 17 j 04:43	29°♉16'33	1.35874 AU	
	-3673 Jun 17 j 13:36	0°♊		
evening rise	-3673 Jun 21 j 09:59	7°♊21'13		
	-3673 Jul 04 j 13:52	0°♋		
desc. node	-3673 Jul 13 j 10:03	13°♋08'12		
evening max el	-3673 Jul 27 j 01:46	29°♋36'01	26°20'07	
	-3673 Jul 27 j 11:43	0°♌		
retrograde	-3673 Aug 08 j 18:55	6°♌48'56		
evening set	-3673 Aug 15 j 06:06	4°♌05'23		
	-3673 Aug 19 j 02:47	30°℞♋		
min. Earth dist.	-3673 Aug 19 j 08:40	29°♋42'07	0.66207 AU	
inferior conj	-3673 Aug 20 j 19:58	27°♋53'11	-2°20'38	
minimum elong	-3673 Aug 20 j 23:07	27°♋43'27	2°19'23	
morning rise	-3673 Aug 26 j 16:22	22°♋03'36		
asc. node	-3673 Aug 28 j 03:52	21°♋23'33		
direct	-3673 Aug 29 j 18:58	21°♋08'22		
morning max el	-3673 Sep 05 j 15:17	24°♋58'57	18°51'08	
	-3673 Sep 09 j 20:04	0°♌		
morning set	-3673 Sep 27 j 01:19	26°♌24'54		
	-3673 Sep 29 j 07:29	0°♍		
desc. node	-3673 Oct 09 j 09:35	15°♍56'28		
max. Earth dist.	-3673 Oct 12 j 15:07	21°♍01'50	1.44813 AU	
superior conj	-3673 Oct 13 j 04:54	21°♍56'09	-0°24'03	
minimum elong	-3673 Oct 13 j 01:45	21°♍43'46	0°23'36	
	-3673 Oct 18 j 07:27	0°♎		
evening rise	-3673 Oct 28 j 22:00	16°♎55'52		
	-3673 Nov 06 j 00:51	0°♏		
evening max el	-3673 Nov 19 j 00:53	18°♏24'34	18°50'49	
asc. node	-3673 Nov 24 j 02:46	21°♏58'47		
retrograde	-3673 Nov 25 j 20:09	22°♏15'18		
evening set	-3673 Nov 28 j 23:05	21°♏19'37		
inferior conj	-3673 Dec 04 j 18:11	15°♏36'02	3°07'07	
minimum elong	-3673 Dec 04 j 15:02	15°♏45'38	3°06'12	
min. Earth dist.	-3673 Dec 06 j 10:03	13°♏34'12	0.65211 AU	
morning rise	-3673 Dec 10 j 06:39	9°♏28'32		
direct	-3673 Dec 16 j 21:58	6°♏37'56		
morning max el	-3673 Dec 29 j 23:27	14°♏13'01	26°50'52	
desc. node	-3672 Jan 05 j 09:13	21°♏23'53		
	-3672 Jan 11 j 21:42	0°♐		
	-3672 Jan 30 j 13:07	0°♑		
morning set	-3672 Feb 03 j 18:47	7°♑54'02		
max. Earth dist.	-3672 Feb 08 j 05:00	16°♑35'28	1.34507 AU	
superior conj	-3672 Feb 12 j 04:53	24°♑46'22	-1°14'11	
minimum elong	-3672 Feb 12 j 07:52	25°♑01'55	1°13'51	
	-3672 Feb 14 j 16:49	0°♒		
evening rise	-3672 Feb 19 j 16:27	10°♒27'34		
asc. node	-3672 Feb 20 j 02:00	11°♒16'58		
	-3672 Mar 01 j 00:49	0°♓		
evening max el	-3672 Mar 10 j 13:06	12°♓21'13	21°19'36	
retrograde	-3672 Mar 22 j 09:52	18°♓02'43		
evening set	-3672 Mar 24 j 21:21	17°♓48'41		
desc. node	-3672 Apr 02 j 08:13	14°♓17'17		
inferior conj	-3672 Apr 03 j 04:15	13°♓49'06	-0°13'57	
minimum elong	-3672 Apr 03 j 03:36	13°♓50'01	0°13'46	
transit middle	-3672 Apr 03 j 03:36	13°♓50'01	0°13'46	
transit begin	-3672 Apr 03 j 01:35	13°♓52'53		
transit end	-3672 Apr 03 j 05:38	13°♓47'10		
min. Earth dist.	-3672 Apr 03 j 14:20	13°♓34'54	0.55154 AU	
morning rise	-3672 Apr 12 j 09:47	9°♓44'02		
direct	-3672 Apr 15 j 09:19	9°♓24'34		
morning max el	-3672 Apr 28 j 01:23	15°♓28'40	22°12'30	
	-3672 May 09 j 05:22	0°♈		
asc. node	-3672 May 18 j 01:36	16°♈28'47		
morning set	-3672 May 19 j 11:42	19°♈24'33		
	-3672 May 24 j 12:10	0°♉		
superior conj	-3672 May 26 j 18:17	4°♉46'05	1°19'26	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3672 May 26 j 15:37	4°♉32'03	1°19'08
max. Earth dist.	-3672 May 29 j 21:56	11°♉19'45	1.34508 AU
evening rise	-3672 Jun 03 j 17:49	20°♉59'34	
	-3672 Jun 08 j 12:34	0°♊	
	-3672 Jun 27 j 10:36	0°♋	
desc. node	-3672 Jun 29 j 07:07	2°♋26'56	
evening max el	-3672 Jul 08 j 13:20	13°♋01'10	27°05'56
retrograde	-3672 Jul 21 j 20:11	20°♋22'30	
evening set	-3672 Jul 28 j 18:32	17°♋34'48	
min. Earth dist.	-3672 Aug 01 j 14:01	13°♋49'27	0.65096 AU
inferior conj	-3672 Aug 03 j 14:38	11°♋30'57	-3°07'07
minimum elong	-3672 Aug 03 j 18:26	11°♋20'07	3°05'54
morning rise	-3672 Aug 09 j 18:47	5°♋55'43	
direct	-3672 Aug 12 j 15:00	5°♋12'00	
asc. node	-3672 Aug 14 j 00:56	5°♋22'48	
morning max el	-3672 Aug 19 j 04:10	8°♋45'23	18°15'52
	-3672 Sep 02 j 16:24	0°♌	
morning set	-3672 Sep 06 j 21:19	6°♌58'04	
superior conj	-3672 Sep 21 j 06:42	0°♍21'21	0°25'17
minimum elong	-3672 Sep 21 j 09:47	0°♍33'41	0°24'57
	-3672 Sep 21 j 01:20	0°♍	
max. Earth dist.	-3672 Sep 24 j 09:33	5°♍18'11	1.44690 AU
desc. node	-3672 Sep 25 j 06:33	6°♍41'08	
evening rise	-3672 Oct 07 j 20:56	26°♍24'30	
	-3672 Oct 10 j 04:18	0°♎	
greatest brilliancy	-3672 Oct 19 j 17:35	14°♎44'16	-0.7m
	-3672 Oct 30 j 16:18	0°♏	
evening max el	-3672 Nov 01 j 08:41	1°♏51'17	19°37'34
retrograde	-3672 Nov 08 j 16:37	6°♏06'41	
asc. node	-3672 Nov 09 j 23:52	5°♏56'53	
evening set	-3672 Nov 12 j 03:06	4°♏57'41	
	-3672 Nov 16 j 22:20	30°℞♎	
inferior conj	-3672 Nov 17 j 16:48	29°♎00'11	2°25'53
minimum elong	-3672 Nov 17 j 13:56	29°♎09'32	2°24'52
min. Earth dist.	-3672 Nov 18 j 19:11	27°♎34'14	0.66267 AU
morning rise	-3672 Nov 23 j 00:33	22°♎47'47	
direct	-3672 Nov 29 j 02:45	20°♎07'42	
morning max el	-3672 Dec 11 j 08:37	27°♎21'22	25°44'40
	-3672 Dec 13 j 20:44	0°♏	
desc. node	-3672 Dec 22 j 06:13	10°♏21'36	
	-3671 Jan 04 j 13:50	0°♐	
morning set	-3671 Jan 16 j 14:50	20°♐37'22	
max. Earth dist.	-3671 Jan 20 j 11:24	27°♐50'23	1.36025 AU
	-3671 Jan 21 j 14:23	0°♑	
superior conj	-3671 Jan 25 j 23:21	8°♑37'35	-1°34'11
minimum elong	-3671 Jan 26 j 02:32	8°♑53'33	1°33'58
evening rise	-3671 Feb 02 j 22:19	24°♑51'35	
	-3671 Feb 05 j 11:42	0°♒	
asc. node	-3671 Feb 05 j 23:01	0°♒55'48	
evening max el	-3671 Feb 20 j 21:26	23°♒49'08	20°03'16
retrograde	-3671 Mar 03 j 01:52	28°♒39'27	
evening set	-3671 Mar 05 j 08:51	28°♒25'51	
inferior conj	-3671 Mar 14 j 03:13	24°♒25'42	1°38'25
minimum elong	-3671 Mar 14 j 07:10	24°♒19'41	1°37'05
min. Earth dist.	-3671 Mar 16 j 04:19	23°♒11'28	0.55699 AU
desc. node	-3671 Mar 20 j 05:17	21°♒01'27	
morning rise	-3671 Mar 23 j 03:30	19°♒56'20	
direct	-3671 Mar 27 j 00:59	19°♒22'59	
morning max el	-3671 Apr 09 j 18:55	26°♒12'18	23°51'19
	-3671 Apr 13 j 09:12	0°♓	
	-3671 May 01 j 20:13	0°♈	
morning set	-3671 May 03 j 23:34	4°♈25'23	
asc. node	-3671 May 04 j 22:36	6°♈26'44	
superior conj	-3671 May 11 j 01:26	19°♈35'26	0°59'50
minimum elong	-3671 May 10 j 23:07	19°♈22'57	0°59'29
max. Earth dist.	-3671 May 13 j 00:47	23°♈48'40	1.33506 AU
	-3671 May 15 j 23:28	0°♉	
evening rise	-3671 May 18 j 12:49	5°♉12'55	
	-3671 Jun 01 j 04:15	0°♊	
desc. node	-3671 Jun 16 j 04:09	21°♊00'26	
evening max el	-3671 Jun 20 j 23:51	26°♊07'48	27°25'04
	-3671 Jun 25 j 14:02	0°♋	
retrograde	-3671 Jul 04 j 15:41	3°♋31'11	
evening set	-3671 Jul 11 j 19:35	0°♋51'03	
	-3671 Jul 12 j 21:26	30°℞♊	
min. Earth dist.	-3671 Jul 15 j 10:09	27°♊39'26	0.63606 AU
inferior conj	-3671 Jul 18 j 00:47	24°♊58'20	-3°46'07
minimum elong	-3671 Jul 18 j 04:28	24°♊48'50	3°45'14
morning rise	-3671 Jul 24 j 14:13	19°♊40'43	
direct	-3671 Jul 27 j 06:09	19°♊05'48	
asc. node	-3671 Jul 31 j 22:00	20°♊52'22	
morning max el	-3671 Aug 02 j 19:06	22°♊30'38	17°58'08
	-3671 Aug 08 j 14:55	0°♋	
morning set	-3671 Aug 19 j 18:50	18°♋44'19	
	-3671 Aug 26 j 07:53	0°♌	
superior conj	-3671 Sep 01 j 04:01	9°♌46'28	1°06'26
minimum elong	-3671 Sep 01 j 09:45	10°♌10'08	1°05'54
max. Earth dist.	-3671 Sep 07 j 01:57	19°♌23'24	1.43860 AU
desc. node	-3671 Sep 12 j 03:32	27°♌25'49	
	-3671 Sep 13 j 18:54	0°♍	
evening rise	-3671 Sep 17 j 03:11	5°♍11'55	
	-3671 Oct 03 j 15:05	0°♎	
evening max el	-3671 Oct 15 j 11:04	15°♎17'54	20°38'49
retrograde	-3671 Oct 23 j 13:56	20°♎05'36	
evening set	-3671 Oct 27 j 10:05	18°♎40'52	
asc. node	-3671 Oct 27 j 20:57	18°♎19'35	
inferior conj	-3671 Nov 01 j 20:06	12°♎32'43	1°38'42
minimum elong	-3671 Nov 01 j 17:58	12°♎39'57	1°37'50
min. Earth dist.	-3671 Nov 02 j 10:35	11°♎43'36	0.66971 AU
morning rise	-3671 Nov 07 j 01:42	6°♎17'46	
direct	-3671 Nov 12 j 12:50	3°♎55'30	
morning max el	-3671 Nov 23 j 17:24	10°♎35'40	24°23'25
desc. node	-3671 Dec 09 j 03:15	29°♎55'48	
	-3671 Dec 09 j 04:25	0°♏	
	-3671 Dec 28 j 06:58	0°♐	
morning set	-3671 Dec 29 j 14:17	2°♐15'27	
max. Earth dist.	-3670 Jan 02 j 09:09	8°♐58'21	1.37917 AU
superior conj	-3670 Jan 09 j 06:42	21°♐50'59	-1°48'52
minimum elong	-3670 Jan 09 j 09:06	22°♐02'31	1°48'52
	-3670 Jan 13 j 10:55	0°♑	
evening rise	-3670 Jan 17 j 22:14	8°♑51'55	
asc. node	-3670 Jan 23 j 20:03	20°♑12'34	
	-3670 Jan 29 j 18:40	0°♒	
evening max el	-3670 Feb 03 j 16:13	5°♒53'06	19°05'21
retrograde	-3670 Feb 12 j 07:38	10°♒01'20	
evening set	-3670 Feb 14 j 16:39	9°♒43'55	
inferior conj	-3670 Feb 22 j 17:43	5°♒30'12	3°02'07
minimum elong	-3670 Feb 22 j 22:31	5°♒21'50	3°00'54
min. Earth dist.	-3670 Feb 25 j 19:35	3°♒22'44	0.57047 AU
morning rise	-3670 Mar 03 j 01:42	0°♒30'02	
	-3670 Mar 04 j 13:00	30°℞♑	
desc. node	-3670 Mar 07 j 02:23	29°♑31'15	
direct	-3670 Mar 08 j 04:34	29°♑28'25	
	-3670 Mar 11 j 20:25	0°♒	
morning max el	-3670 Mar 22 j 09:54	6°♒47'36	25°27'01
	-3670 Apr 08 j 09:47	0°♓	
morning set	-3670 Apr 18 j 11:41	19°♓27'40	
asc. node	-3670 Apr 21 j 19:35	26°♓34'21	
	-3670 Apr 23 j 09:27	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3670 Apr 25 j 11:46	4°♈34'13	0°37'32
minimum elong	-3670 Apr 25 j 10:11	4°♈25'35	0°37'14
max. Earth dist.	-3670 Apr 26 j 10:24	6°♈37'26	1.32862 AU
evening rise	-3670 May 02 j 15:31	19°♈49'33	
	-3670 May 07 j 18:41	0°♉	
	-3670 May 26 j 13:11	0°♊	
desc. node	-3670 Jun 03 j 01:13	8°♊28'54	
evening max el	-3670 Jun 03 j 06:49	8°♊42'22	27°12'44
retrograde	-3670 Jun 17 j 04:47	16°♊04'53	
evening set	-3670 Jun 24 j 05:20	13°♊46'34	
min. Earth dist.	-3670 Jun 27 j 20:20	10°♊58'11	0.61776 AU
inferior conj	-3670 Jun 30 j 23:16	8°♊07'26	-4°13'03
minimum elong	-3670 Jul 01 j 01:38	8°♊02'00	4°12'41
morning rise	-3670 Jul 07 j 23:26	3°♊10'08	
direct	-3670 Jul 10 j 12:54	2°♊41'59	
morning max el	-3670 Jul 17 j 09:17	6°♊07'38	17°58'46
asc. node	-3670 Jul 18 j 19:05	7°♊36'59	
	-3670 Aug 01 j 17:06	0°♋	
morning set	-3670 Aug 02 j 12:26	1°♋27'58	
superior conj	-3670 Aug 13 j 04:53	20°♋33'24	1°33'31
minimum elong	-3670 Aug 13 j 09:18	20°♋52'32	1°33'18
	-3670 Aug 18 j 18:15	0°♌	
max. Earth dist.	-3670 Aug 20 j 13:04	2°♌57'20	1.42440 AU
evening rise	-3670 Aug 27 j 10:41	14°♌04'35	
desc. node	-3670 Aug 30 j 00:31	18°♌06'47	
	-3670 Sep 06 j 19:46	0°♍	
evening max el	-3670 Sep 28 j 07:12	28°♍43'26	21°51'35
	-3670 Sep 29 j 14:37	0°♎	
retrograde	-3670 Oct 07 j 10:08	4°♎08'46	
evening set	-3670 Oct 11 j 18:04	2°♎26'06	
	-3670 Oct 14 j 04:18	30°℞♍	
asc. node	-3670 Oct 14 j 18:05	29°♍18'00	
inferior conj	-3670 Oct 17 j 02:01	26°♍10'57	0°47'38
minimum elong	-3670 Oct 17 j 00:56	26°♍14'42	0°47'11
min. Earth dist.	-3670 Oct 17 j 05:49	25°♍57'51	0.67352 AU
morning rise	-3670 Oct 22 j 07:39	19°♍56'05	
direct	-3670 Oct 27 j 03:36	17°♍54'55	
morning max el	-3670 Nov 06 j 03:34	23°♍52'50	22°56'51
	-3670 Nov 11 j 13:06	0°♎	
desc. node	-3670 Nov 26 j 00:16	19°♎55'48	
	-3670 Dec 02 j 15:13	0°♏	
morning set	-3670 Dec 10 j 11:12	12°♏33'49	
max. Earth dist.	-3670 Dec 15 j 05:06	20°♏33'24	1.39985 AU
	-3670 Dec 20 j 14:11	0°♐	
superior conj	-3670 Dec 22 j 22:28	4°♐15'06	-1°55'21
minimum elong	-3670 Dec 22 j 22:42	4°♐16'08	1°55'29
evening rise	-3669 Jan 01 j 13:26	22°♐21'45	
	-3669 Jan 05 j 14:28	0°♑	
asc. node	-3669 Jan 10 j 17:06	9°♑00'05	
evening max el	-3669 Jan 17 j 19:44	18°♑29'02	18°27'28
retrograde	-3669 Jan 25 j 07:46	22°♑09'59	
evening set	-3669 Jan 27 j 20:12	21°♑46'23	
inferior conj	-3669 Feb 04 j 04:43	17°♑12'56	3°48'13
minimum elong	-3669 Feb 04 j 07:21	17°♑07'34	3°47'46
min. Earth dist.	-3669 Feb 07 j 14:12	14°♑29'27	0.58908 AU
morning rise	-3669 Feb 11 j 16:16	11°♑47'36	
direct	-3669 Feb 17 j 21:35	10°♑07'19	
desc. node	-3669 Feb 21 j 23:30	10°♑49'01	
morning max el	-3669 Mar 04 j 04:00	17°♑42'07	26°44'21
	-3669 Mar 14 j 09:41	0°♒	
	-3669 Mar 31 j 18:51	0°♓	
morning set	-3669 Apr 02 j 22:23	4°♓25'13	
asc. node	-3669 Apr 08 j 16:36	16°♓47'14	
superior conj	-3669 Apr 09 j 23:29	19°♓36'12	0°13'26
minimum elong	-3669 Apr 09 j 22:53	19°♓32'57	0°13'17
behind sun begin	-3669 Apr 09 j 20:11	19°♓18'08	
behind sun end	-3669 Apr 10 j 01:36	19°♓47'46	
max. Earth dist.	-3669 Apr 09 j 23:25	19°♓35'52	1.32568 AU
	-3669 Apr 14 j 18:17	0°♈	
evening rise	-3669 Apr 16 j 23:20	4°♈40'39	
	-3669 Apr 30 j 13:15	0°♉	
evening max el	-3669 May 16 j 08:19	20°♉36'36	26°27'43
desc. node	-3669 May 20 j 22:17	24°♉25'14	
retrograde	-3669 May 30 j 10:08	27°♉55'25	
evening set	-3669 Jun 05 j 19:35	26°♉11'41	
min. Earth dist.	-3669 Jun 09 j 21:31	23°♉30'31	0.59747 AU
inferior conj	-3669 Jun 13 j 06:30	20°♉49'42	-4°20'50
minimum elong	-3669 Jun 13 j 06:04	20°♉50'33	4°20'42
morning rise	-3669 Jun 20 j 18:49	16°♉13'57	
direct	-3669 Jun 23 j 07:07	15°♉51'01	
morning max el	-3669 Jun 30 j 19:49	19°♉28'35	18°18'46
asc. node	-3669 Jul 05 j 16:09	25°♉21'14	
	-3669 Jul 08 j 15:40	0°♊	
morning set	-3669 Jul 16 j 20:58	14°♊56'08	
	-3669 Jul 24 j 20:59	0°♋	
superior conj	-3669 Jul 26 j 06:54	2°♋35'38	1°46'43
minimum elong	-3669 Jul 26 j 08:39	2°♋43'37	1°46'48
max. Earth dist.	-3669 Aug 02 j 18:21	15°♋49'29	1.40630 AU
evening rise	-3669 Aug 07 j 13:33	23°♋52'53	
	-3669 Aug 11 j 08:11	0°♌	
desc. node	-3669 Aug 16 j 21:30	8°♌40'31	
	-3669 Aug 31 j 17:37	0°♍	
evening max el	-3669 Sep 10 j 22:01	12°♍09'45	23°11'12
retrograde	-3669 Sep 21 j 03:38	18°♍13'24	
evening set	-3669 Sep 26 j 01:17	16°♍11'26	
inferior conj	-3669 Oct 01 j 08:43	9°♍52'52	-0°05'34
minimum elong	-3669 Oct 01 j 08:51	9°♍52'26	0°05'28
transit middle	-3669 Oct 01 j 08:51	9°♍52'26	0°05'28
transit begin	-3669 Oct 01 j 06:18	10°♍01'11	
transit end	-3669 Oct 01 j 11:24	9°♍43'40	
min. Earth dist.	-3669 Oct 01 j 02:20	10°♍14'52	0.67438 AU
asc. node	-3669 Oct 01 j 15:13	9°♍30'32	
morning rise	-3669 Oct 06 j 16:19	3°♍41'06	
direct	-3669 Oct 10 j 22:12	2°♍01'17	
morning max el	-3669 Oct 19 j 18:15	7°♍14'56	21°33'25
	-3669 Nov 06 j 01:20	0°♎	
desc. node	-3669 Nov 12 j 21:15	10°♎13'30	
morning set	-3669 Nov 20 j 03:37	21°♎30'28	
	-3669 Nov 25 j 10:29	0°♏	
max. Earth dist.	-3669 Nov 27 j 06:12	2°♏59'17	1.41959 AU
superior conj	-3669 Dec 04 j 17:03	15°♏35'06	-1°49'58
minimum elong	-3669 Dec 04 j 13:43	15°♏20'41	1°49'56
	-3669 Dec 12 j 19:46	0°♐	
evening rise	-3669 Dec 15 j 16:19	5°♐12'13	
asc. node	-3669 Dec 28 j 14:11	27°♐08'10	
	-3669 Dec 30 j 20:24	0°♑	
evening max el	-3668 Jan 01 j 05:05	1°♑27'30	18°09'34
retrograde	-3668 Jan 08 j 00:43	4°♑56'07	
evening set	-3668 Jan 10 j 16:22	4°♑25'04	
	-3668 Jan 16 j 22:02	30°℞♐	
inferior conj	-3668 Jan 17 j 10:59	29°♐29'56	4°02'07
minimum elong	-3668 Jan 17 j 10:54	29°♐30'09	4°01'59
min. Earth dist.	-3668 Jan 20 j 14:43	26°♐34'25	0.60933 AU
morning rise	-3668 Jan 24 j 04:01	23°♐47'20	
direct	-3668 Jan 31 j 01:21	21°♐30'28	
desc. node	-3668 Feb 08 j 20:36	24°♐44'45	
morning max el	-3668 Feb 14 j 03:59	29°♐12'20	27°31'19
	-3668 Feb 14 j 23:06	0°♑	
	-3668 Mar 07 j 05:15	0°♒	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3668 Mar 17 j 05:45	19°♒10'25	
	-3668 Mar 22 j 08:25	0°♓	
max. Earth dist.	-3668 Mar 23 j 12:07	2°♓30'25	1.32619 AU
superior conj	-3668 Mar 24 j 10:51	4°♓34'21	-0°11'39
minimum elong	-3668 Mar 24 j 11:23	4°♓37'14	0°11'37
behind sun begin	-3668 Mar 24 j 07:56	4°♓18'26	
behind sun end	-3668 Mar 24 j 14:50	4°♓56'04	
asc. node	-3668 Mar 25 j 13:36	7°♓00'27	
evening rise	-3668 Mar 31 j 10:00	19°♓37'45	
	-3668 Apr 05 j 12:47	0°♈	
	-3668 Apr 25 j 08:03	0°♉	
evening max el	-3668 Apr 27 j 03:43	1°♉49'51	25°14'30
desc. node	-3668 May 06 j 19:24	8°♉14'11	
retrograde	-3668 May 11 j 05:08	8°♉59'31	
evening set	-3668 May 16 j 11:56	7°♉54'37	
min. Earth dist.	-3668 May 21 j 16:01	5°♉04'19	0.57765 AU
inferior conj	-3668 May 24 j 19:01	2°♉55'29	-3°59'36
minimum elong	-3668 May 24 j 14:57	3°♉02'31	3°58'57
	-3668 May 29 j 11:04	30°℞♈	
morning rise	-3668 Jun 01 j 20:51	28°♈40'18	
direct	-3668 Jun 04 j 08:43	28°♈21'29	
	-3668 Jun 09 j 20:58	0°♉	
morning max el	-3668 Jun 12 j 23:44	2°♉23'59	18°59'03
asc. node	-3668 Jun 21 j 13:12	13°♉51'23	
morning set	-3668 Jun 29 j 16:17	28°♉58'18	
	-3668 Jun 30 j 04:50	0°♊	
superior conj	-3668 Jul 08 j 04:26	15°♊37'38	1°48'38
minimum elong	-3668 Jul 08 j 03:52	15°♊34'56	1°48'46
max. Earth dist.	-3668 Jul 14 j 20:30	28°♊02'10	1.38673 AU
	-3668 Jul 15 j 22:49	0°♋	
evening rise	-3668 Jul 18 j 18:32	4°♋57'11	
desc. node	-3668 Aug 02 j 18:30	29°♋02'40	
	-3668 Aug 03 j 09:57	0°♌	
evening max el	-3668 Aug 23 j 09:40	25°♌39'19	24°31'20
	-3668 Aug 28 j 12:54	0°♍	
retrograde	-3668 Sep 03 j 17:22	2°♍16'49	
evening set	-3668 Sep 09 j 05:57	29°♌55'47	
	-3668 Sep 09 j 03:59	30°℞♌	
min. Earth dist.	-3668 Sep 13 j 21:37	24°♌33'44	0.67222 AU
inferior conj	-3668 Sep 14 j 14:29	23°♌37'14	-0°59'14
minimum elong	-3668 Sep 14 j 15:53	23°♌32'34	0°58'33
asc. node	-3668 Sep 17 j 12:20	19°♌56'01	
morning rise	-3668 Sep 20 j 01:47	17°♌31'44	
direct	-3668 Sep 23 j 19:24	16°♌11'34	
morning max el	-3668 Oct 01 j 15:56	20°♌46'00	20°19'33
	-3668 Oct 09 j 04:10	0°♍	
morning set	-3668 Oct 29 j 02:34	29°♍43'15	
	-3668 Oct 29 j 06:53	0°♎	
desc. node	-3668 Oct 29 j 18:13	0°♎43'55	
max. Earth dist.	-3668 Nov 08 j 15:15	16°♎18'34	1.43555 AU
superior conj	-3668 Nov 14 j 09:17	25°♎39'36	-1°29'02
minimum elong	-3668 Nov 14 j 02:37	25°♎12'08	1°28'29
	-3668 Nov 17 j 00:07	0°♏	
evening rise	-3668 Nov 27 j 02:46	17°♏15'29	
	-3668 Dec 04 j 11:54	0°♐	
asc. node	-3668 Dec 14 j 11:16	14°♐25'09	
evening max el	-3668 Dec 14 j 17:22	14°♐40'46	18°11'04
retrograde	-3668 Dec 21 j 06:30	18°♐09'59	
evening set	-3668 Dec 24 j 01:34	17°♐30'31	
inferior conj	-3668 Dec 30 j 09:07	12°♐14'27	3°52'39
minimum elong	-3668 Dec 30 j 07:04	12°♐19'53	3°52'17
min. Earth dist.	-3667 Jan 02 j 00:01	9°♐29'01	0.62834 AU
morning rise	-3667 Jan 05 j 11:48	6°♐19'40	
direct	-3667 Jan 12 j 13:28	3°♐38'13	
desc. node	-3667 Jan 25 j 17:42	10°♐43'48	
morning max el	-3667 Jan 26 j 09:42	11°♐22'36	27°42'21
	-3667 Feb 10 j 04:14	0°♑	
	-3667 Feb 27 j 12:17	0°♒	
morning set	-3667 Mar 01 j 07:35	3°♒35'40	
max. Earth dist.	-3667 Mar 06 j 20:40	15°♒07'42	1.33032 AU
superior conj	-3667 Mar 08 j 20:12	19°♒22'49	-0°36'51
minimum elong	-3667 Mar 08 j 21:51	19°♒31'43	0°36'37
asc. node	-3667 Mar 12 j 10:36	27°♒10'05	
	-3667 Mar 13 j 18:09	0°♓	
evening rise	-3667 Mar 15 j 21:40	4°♓34'02	
	-3667 Mar 29 j 16:52	0°♈	
evening max el	-3667 Apr 08 j 19:32	12°♈35'34	23°43'49
retrograde	-3667 Apr 22 j 11:42	19°♈24'39	
desc. node	-3667 Apr 23 j 16:31	19°♈21'25	
evening set	-3667 Apr 26 j 10:13	18°♈50'29	
min. Earth dist.	-3667 May 03 j 06:48	15°♈38'16	0.56162 AU
inferior conj	-3667 May 05 j 11:23	14°♈18'44	-2°59'37
minimum elong	-3667 May 05 j 05:20	14°♈27'57	2°58'03
morning rise	-3667 May 14 j 03:18	10°♈18'51	
direct	-3667 May 16 j 15:30	10°♈02'50	
morning max el	-3667 May 26 j 18:26	14°♈44'42	19°59'50
	-3667 Jun 06 j 19:23	0°♉	
asc. node	-3667 Jun 08 j 10:12	2°♉56'12	
morning set	-3667 Jun 13 j 19:07	13°♉25'28	
superior conj	-3667 Jun 21 j 16:05	29°♉24'00	1°42'00
minimum elong	-3667 Jun 21 j 14:04	29°♉13'56	1°41'59
	-3667 Jun 21 j 23:17	0°♊	
max. Earth dist.	-3667 Jun 27 j 00:30	9°♊51'04	1.36815 AU
evening rise	-3667 Jun 30 j 23:18	17°♊12'00	
	-3667 Jul 08 j 07:32	0°♋	
desc. node	-3667 Jul 20 j 15:31	19°♋06'57	
	-3667 Jul 28 j 17:23	0°♌	
evening max el	-3667 Aug 05 j 20:24	9°♌10'52	25°44'25
retrograde	-3667 Aug 18 j 02:39	16°♌13'46	
evening set	-3667 Aug 24 j 06:08	13°♌36'32	
min. Earth dist.	-3667 Aug 28 j 13:14	8°♌51'38	0.66679 AU
inferior conj	-3667 Aug 29 j 17:30	7°♌21'13	-1°51'42
minimum elong	-3667 Aug 29 j 20:05	7°♌12'58	1°50'35
morning rise	-3667 Sep 04 j 10:09	1°♌25'10	
asc. node	-3667 Sep 04 j 09:26	1°♌26'20	
direct	-3667 Sep 07 j 17:35	0°♌21'49	
morning max el	-3667 Sep 14 j 20:50	4°♌25'38	19°19'03
	-3667 Oct 02 j 23:08	0°♍	
morning set	-3667 Oct 08 j 07:00	8°♍18'53	
desc. node	-3667 Oct 16 j 15:09	21°♍22'22	
	-3667 Oct 22 j 02:38	0°♎	
max. Earth dist.	-3667 Oct 22 j 06:25	0°♎14'57	1.44555 AU
superior conj	-3667 Oct 24 j 22:59	4°♎30'51	-0°51'22
minimum elong	-3667 Oct 24 j 16:55	4°♎06'47	0°50'38
evening rise	-3667 Nov 08 j 16:06	28°♎22'08	
	-3667 Nov 09 j 15:47	0°♏	
evening max el	-3667 Nov 28 j 05:45	28°♏02'13	18°31'12
	-3667 Nov 30 j 10:41	0°♐	
asc. node	-3667 Dec 01 j 08:21	0°♐36'39	
retrograde	-3667 Dec 04 j 20:45	1°♐42'45	
evening set	-3667 Dec 07 j 20:18	0°♐53'31	
	-3667 Dec 09 j 04:56	30°℞♏	
inferior conj	-3667 Dec 13 j 19:19	25°♏18'58	3°27'05
minimum elong	-3667 Dec 13 j 16:19	25°♏27'43	3°26'20
min. Earth dist.	-3667 Dec 15 j 19:25	22°♏58'40	0.64442 AU
morning rise	-3667 Dec 19 j 11:53	19°♏15'10	
direct	-3667 Dec 26 j 08:39	16°♏24'02	
morning max el	-3666 Jan 08 j 18:50	24°♏05'34	27°18'25

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3666 Jan 12 j 14:45	28°♏11'46	
	-3666 Jan 14 j 03:41	0°♐	
	-3666 Feb 03 j 12:12	0°♑	
morning set	-3666 Feb 13 j 01:04	17°♑31'48	
max. Earth dist.	-3666 Feb 17 j 21:10	27°♑15'33	1.33840 AU
	-3666 Feb 19 j 04:52	0°♒	
superior conj	-3666 Feb 21 j 01:41	3°♒55'21	-1°01'08
minimum elong	-3666 Feb 21 j 04:17	4°♒09'07	1°00'48
asc. node	-3666 Feb 27 j 07:36	17°♒12'00	
evening rise	-3666 Feb 28 j 08:35	19°♒23'11	
	-3666 Mar 05 j 15:06	0°♓	
evening max el	-3666 Mar 21 j 13:44	23°♓20'44	22°10'00
retrograde	-3666 Apr 03 j 06:48	29°♓31'50	
evening set	-3666 Apr 06 j 02:51	29°♓14'01	
desc. node	-3666 Apr 10 j 13:37	27°♓42'41	
inferior conj	-3666 Apr 15 j 11:42	25°♓06'02	-1°21'04
minimum elong	-3666 Apr 15 j 08:02	25°♓11'13	1°19'51
min. Earth dist.	-3666 Apr 14 j 20:42	25°♓27'14	0.55258 AU
morning rise	-3666 Apr 24 j 14:41	21°♓08'18	
direct	-3666 Apr 27 j 06:59	20°♓52'06	
morning max el	-3666 May 09 j 02:30	26°♓25'20	21°19'41
	-3666 May 12 j 11:38	0°♈	
asc. node	-3666 May 26 j 07:12	22°♈27'19	
morning set	-3666 May 29 j 03:01	28°♈11'02	
	-3666 May 30 j 00:05	0°♉	
superior conj	-3666 Jun 05 j 13:44	13°♉42'54	1°29'04
minimum elong	-3666 Jun 05 j 11:06	13°♉29'19	1°28'52
max. Earth dist.	-3666 Jun 09 j 11:52	21°♉42'39	1.35242 AU
evening rise	-3666 Jun 13 j 22:46	0°♊24'29	
	-3666 Jun 13 j 17:37	0°♊	
	-3666 Jul 01 j 09:12	0°♋	
desc. node	-3666 Jul 07 j 12:32	8°♋45'31	
evening max el	-3666 Jul 19 j 07:32	22°♋40'17	26°42'23
retrograde	-3666 Aug 01 j 07:08	29°♋58'18	
evening set	-3666 Aug 07 j 23:40	27°♋11'22	
min. Earth dist.	-3666 Aug 11 j 22:55	23°♋04'43	0.65781 AU
inferior conj	-3666 Aug 13 j 15:52	21°♋02'20	-2°41'03
minimum elong	-3666 Aug 13 j 19:21	20°♋51'52	2°39'47
morning rise	-3666 Aug 19 j 15:25	15°♋18'45	
asc. node	-3666 Aug 22 j 06:30	14°♋29'37	
direct	-3666 Aug 22 j 14:58	14°♋28'55	
morning max el	-3666 Aug 29 j 07:30	18°♋11'08	18°34'06
	-3666 Sep 07 j 03:29	0°♌	
morning set	-3666 Sep 18 j 10:54	18°♌05'04	
	-3666 Sep 25 j 20:58	0°♍	
superior conj	-3666 Oct 03 j 22:41	12°♍47'23	-0°02'50
minimum elong	-3666 Oct 03 j 22:19	12°♍45'58	0°02'44
behind sun begin	-3666 Oct 03 j 11:04	12°♍01'37	
behind sun end	-3666 Oct 04 j 09:34	13°♍30'18	
desc. node	-3666 Oct 03 j 12:05	12°♍05'37	
max. Earth dist.	-3666 Oct 05 j 00:13	14°♍28'00	1.44847 AU
	-3666 Oct 14 j 20:57	0°♎	
evening rise	-3666 Oct 20 j 04:52	8°♎25'30	
greatest brilliancy	-3666 Oct 28 j 22:37	22°♎14'48	-0.8m
	-3666 Nov 02 j 23:27	0°♏	
evening max el	-3666 Nov 11 j 15:49	11°♏27'49	19°08'45
asc. node	-3666 Nov 18 j 05:26	15°♏27'25	
retrograde	-3666 Nov 18 j 15:51	15°♏28'29	
evening set	-3666 Nov 21 j 21:39	14°♏27'34	
inferior conj	-3666 Nov 27 j 14:13	8°♏37'33	2°50'32
minimum elong	-3666 Nov 27 j 11:07	8°♏47'19	2°49'33
min. Earth dist.	-3666 Nov 29 j 00:10	6°♏50'32	0.65699 AU
morning rise	-3666 Dec 03 j 00:18	2°♏27'23	
	-3666 Dec 07 j 03:52	30°℞♎	
direct	-3666 Dec 09 j 10:18	29°♎40'03	
	-3666 Dec 11 j 19:24	0°♏	
morning max el	-3666 Dec 22 j 04:34	7°♏08'28	26°25'11
desc. node	-3666 Dec 30 j 11:45	16°♏42'28	
	-3665 Jan 09 j 00:25	0°♐	
	-3665 Jan 26 j 20:30	0°♑	
morning set	-3665 Jan 27 j 06:22	0°♑46'15	
max. Earth dist.	-3665 Jan 31 j 10:13	8°♑46'47	1.35095 AU
superior conj	-3665 Feb 05 j 00:58	18°♑04'10	-1°23'11
minimum elong	-3665 Feb 05 j 04:08	18°♑20'24	1°22'53
	-3665 Feb 10 j 18:54	0°♒	
evening rise	-3665 Feb 12 j 16:53	3°♒58'11	
asc. node	-3665 Feb 14 j 04:37	7°♒00'52	
	-3665 Feb 27 j 15:20	0°♓	
evening max el	-3665 Mar 03 j 16:09	4°♓29'34	20°45'06
retrograde	-3665 Mar 14 j 20:30	9°♓49'18	
evening set	-3665 Mar 17 j 04:24	9°♓36'19	
inferior conj	-3665 Mar 26 j 07:05	5°♓38'31	0°35'46
minimum elong	-3665 Mar 26 j 08:42	5°♓36'11	0°35'09
min. Earth dist.	-3665 Mar 27 j 10:56	4°♓58'22	0.55269 AU
desc. node	-3665 Mar 28 j 10:44	4°♓24'37	
morning rise	-3665 Apr 04 j 11:55	1°♓24'22	
direct	-3665 Apr 07 j 19:03	1°♓00'41	
morning max el	-3665 Apr 21 j 00:25	7°♓26'19	22°53'58
	-3665 May 06 j 22:57	0°♈	
asc. node	-3665 May 13 j 04:11	12°♈16'55	
morning set	-3665 May 13 j 13:56	13°♈07'41	
superior conj	-3665 May 20 j 18:09	28°♈23'25	1°11'31
minimum elong	-3665 May 20 j 15:34	28°♈09'42	1°11'11
	-3665 May 21 j 12:22	0°♉	
max. Earth dist.	-3665 May 23 j 09:06	3°♉55'12	1.34034 AU
evening rise	-3665 May 28 j 11:51	14°♉19'16	
	-3665 Jun 05 j 21:59	0°♊	
desc. node	-3665 Jun 24 j 09:35	27°♊46'53	
	-3665 Jun 26 j 05:32	0°♋	
evening max el	-3665 Jul 01 j 18:45	5°♋58'24	27°17'40
retrograde	-3665 Jul 15 j 06:15	13°♋22'06	
evening set	-3665 Jul 22 j 07:42	10°♋35'52	
min. Earth dist.	-3665 Jul 26 j 00:37	7°♋05'38	0.64502 AU
inferior conj	-3665 Jul 28 j 07:15	4°♋36'08	-3°24'51
minimum elong	-3665 Jul 28 j 11:07	4°♋25'32	3°23'44
	-3665 Aug 02 j 03:47	30°℞♊	
morning rise	-3665 Aug 03 j 15:11	29°♊08'04	
direct	-3665 Aug 06 j 09:11	28°♊28'34	
asc. node	-3665 Aug 09 j 03:34	29°♊08'20	
	-3665 Aug 10 j 14:43	0°♋	
morning max el	-3665 Aug 12 j 21:36	1°♋57'36	18°06'06
morning set	-3665 Aug 30 j 18:18	29°♋10'28	
	-3665 Aug 31 j 06:02	0°♌	
superior conj	-3665 Sep 13 j 06:52	21°♌32'50	0°44'16
minimum elong	-3665 Sep 13 j 11:42	21°♌52'17	0°43'45
max. Earth dist.	-3665 Sep 17 j 17:31	28°♌39'20	1.44411 AU
	-3665 Sep 18 j 13:51	0°♍	
desc. node	-3665 Sep 20 j 09:03	2°♍50'38	
evening rise	-3665 Sep 29 j 18:59	17°♍31'52	
	-3665 Oct 07 j 21:41	0°♎	
greatest brilliancy	-3665 Oct 13 j 08:49	8°♎14'31	-0.6m
evening max el	-3665 Oct 25 j 21:30	24°♎54'57	20°02'05
retrograde	-3665 Nov 02 j 12:57	29°♎23'28	
asc. node	-3665 Nov 05 j 02:31	28°♎45'17	
evening set	-3665 Nov 06 j 03:11	28°♎08'17	
inferior conj	-3665 Nov 11 j 15:08	22°♎06'02	2°06'30
minimum elong	-3665 Nov 11 j 12:32	22°♎14'41	2°05'31
min. Earth dist.	-3665 Nov 12 j 12:22	20°♎55'26	0.66602 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3665 Nov 16 j 21:39	15°♎52'07	
direct	-3665 Nov 22 j 17:38	13°♎18'37	
morning max el	-3665 Dec 04 j 13:22	20°♎19'58	25°11'22
	-3665 Dec 12 j 21:30	0°♏	
desc. node	-3665 Dec 17 j 08:46	5°♏57'36	
	-3664 Jan 02 j 04:23	0°♐	
morning set	-3664 Jan 09 j 18:30	13°♐04'37	
max. Earth dist.	-3664 Jan 13 j 11:56	19°♐53'32	1.36789 AU
	-3664 Jan 18 j 18:40	0°♑	
superior conj	-3664 Jan 19 j 15:15	1°♑41'15	-1°41'13
minimum elong	-3664 Jan 19 j 18:15	1°♑56'01	1°41'05
evening rise	-3664 Jan 27 j 20:34	18°♑13'11	
asc. node	-3664 Feb 01 j 01:40	26°♑31'21	
	-3664 Feb 02 j 22:12	0°♒	
evening max el	-3664 Feb 14 j 05:12	16°♒13'54	19°36'17
retrograde	-3664 Feb 23 j 16:51	20°♒44'09	
evening set	-3664 Feb 26 j 00:20	20°♒29'19	
inferior conj	-3664 Mar 05 j 11:36	16°♒24'59	2°18'22
minimum elong	-3664 Mar 05 j 16:26	16°♒17'16	2°16'54
min. Earth dist.	-3664 Mar 08 j 01:36	14°♒46'26	0.56194 AU
morning rise	-3664 Mar 14 j 05:57	11°♒42'17	
desc. node	-3664 Mar 14 j 07:51	11°♒40'46	
direct	-3664 Mar 18 j 15:52	10°♒58'24	
morning max el	-3664 Apr 01 j 16:00	18°♒02'47	24°33'06
	-3664 Apr 11 j 12:00	0°♓	
morning set	-3664 Apr 27 j 02:07	28°♓09'32	
	-3664 Apr 27 j 23:03	0°♈	
asc. node	-3664 Apr 29 j 01:12	2°♈19'20	
superior conj	-3664 May 04 j 02:55	13°♈17'27	0°50'40
minimum elong	-3664 May 04 j 00:52	13°♈06'22	0°50'18
max. Earth dist.	-3664 May 05 j 15:09	16°♈32'58	1.33196 AU
evening rise	-3664 May 11 j 10:33	28°♈43'51	
	-3664 May 12 j 01:37	0°♉	
	-3664 May 29 j 02:12	0°♊	
desc. node	-3664 Jun 10 j 06:40	15°♊55'20	
evening max el	-3664 Jun 13 j 04:15	18°♊53'11	27°23'53
retrograde	-3664 Jun 26 j 23:12	26°♊16'13	
evening set	-3664 Jul 04 j 02:44	23°♊44'00	
min. Earth dist.	-3664 Jul 07 j 16:45	20°♊43'32	0.62861 AU
inferior conj	-3664 Jul 10 j 12:52	17°♊56'34	-3°59'26
minimum elong	-3664 Jul 10 j 16:10	17°♊48'27	3°58'46
morning rise	-3664 Jul 17 j 06:39	12°♊47'00	
direct	-3664 Jul 19 j 21:19	12°♊15'10	
asc. node	-3664 Jul 26 j 00:39	15°♊11'11	
morning max el	-3664 Jul 26 j 12:29	15°♊39'26	17°56'01
	-3664 Aug 05 j 13:18	0°♋	
morning set	-3664 Aug 12 j 01:04	11°♋22'41	
	-3664 Aug 22 j 18:00	0°♌	
superior conj	-3664 Aug 23 j 15:37	1°♌31'14	1°19'45
minimum elong	-3664 Aug 23 j 21:08	1°♌54'26	1°19'19
max. Earth dist.	-3664 Aug 30 j 07:53	12°♌32'36	1.43317 AU
desc. node	-3664 Sep 06 j 06:01	23°♌33'46	
evening rise	-3664 Sep 07 j 23:10	26°♌14'16	
	-3664 Sep 10 j 09:34	0°♍	
	-3664 Sep 30 j 22:16	0°♎	
evening max el	-3664 Oct 07 j 21:21	8°♎21'08	21°08'45
retrograde	-3664 Oct 16 j 09:51	13°♎23'57	
evening set	-3664 Oct 20 j 10:48	11°♎51'53	
asc. node	-3664 Oct 21 j 23:39	10°♎28'39	
inferior conj	-3664 Oct 25 j 19:46	5°♎40'37	1°17'23
minimum elong	-3664 Oct 25 j 18:03	5°♎46'30	1°16'41
min. Earth dist.	-3664 Oct 26 j 05:38	5°♎06'48	0.67171 AU
	-3664 Oct 30 j 10:11	30°℞♍	
morning rise	-3664 Oct 31 j 01:08	29°♍25'31	
direct	-3664 Nov 05 j 05:52	27°♍11'49	
	-3664 Nov 11 j 22:12	0°♎	
morning max el	-3664 Nov 15 j 22:09	3°♎34'12	23°46'44
desc. node	-3664 Dec 03 j 05:47	25°♎43'32	
	-3664 Dec 06 j 03:31	0°♏	
morning set	-3664 Dec 21 j 07:15	24°♏09'30	
	-3664 Dec 24 j 16:20	0°♐	
max. Earth dist.	-3664 Dec 25 j 07:53	1°♐08'26	1.38793 AU
superior conj	-3663 Jan 01 j 16:36	14°♐35'14	-1°52'49
minimum elong	-3663 Jan 01 j 18:16	14°♐43'04	1°52'54
	-3663 Jan 09 j 16:18	0°♑	
evening rise	-3663 Jan 10 j 17:06	2°♑01'02	
asc. node	-3663 Jan 17 j 22:43	15°♑36'27	
evening max el	-3663 Jan 27 j 04:03	28°♑32'14	18°46'46
	-3663 Jan 28 j 20:40	0°♒	
retrograde	-3663 Feb 04 j 06:10	2°♒26'37	
evening set	-3663 Feb 06 j 16:51	2°♒06'37	
	-3663 Feb 11 j 05:11	30°℞♑	
inferior conj	-3663 Feb 14 j 10:35	27°♑44'47	3°26'05
minimum elong	-3663 Feb 14 j 14:41	27°♑37'10	3°25'13
min. Earth dist.	-3663 Feb 17 j 17:39	25°♑19'36	0.57805 AU
morning rise	-3663 Feb 22 j 10:02	22°♑33'19	
direct	-3663 Feb 28 j 01:18	21°♑15'54	
desc. node	-3663 Mar 01 j 04:58	21°♑19'09	
morning max el	-3663 Mar 14 j 07:32	28°♑42'12	26°02'57
	-3663 Mar 15 j 14:39	0°♒	
	-3663 Apr 04 j 23:17	0°♓	
morning set	-3663 Apr 11 j 13:53	13°♓10'35	
asc. node	-3663 Apr 15 j 22:14	22°♓29'39	
superior conj	-3663 Apr 18 j 14:04	28°♓18'14	0°27'30
minimum elong	-3663 Apr 18 j 12:52	28°♓11'45	0°27'14
max. Earth dist.	-3663 Apr 19 j 02:54	29°♓28'24	1.32702 AU
	-3663 Apr 19 j 08:41	0°♈	
evening rise	-3663 Apr 25 j 15:46	13°♈27'55	
	-3663 May 04 j 04:05	0°♉	
	-3663 May 25 j 04:00	0°♊	
evening max el	-3663 May 26 j 09:22	1°♊12'21	26°57'28
desc. node	-3663 May 28 j 03:44	2°♊48'50	
retrograde	-3663 Jun 09 j 08:56	8°♊32'39	
evening set	-3663 Jun 16 j 04:41	6°♊27'59	
min. Earth dist.	-3663 Jun 19 j 22:53	3°♊44'49	0.60930 AU
inferior conj	-3663 Jun 23 j 05:23	0°♊55'59	-4°19'15
minimum elong	-3663 Jun 23 j 06:44	0°♊53'03	4°19'03
	-3663 Jun 24 j 07:33	30°℞♉	
morning rise	-3663 Jun 30 j 10:30	26°♉07'33	
direct	-3663 Jul 02 j 23:30	25°♉41'37	
morning max el	-3663 Jul 10 j 01:28	29°♉10'40	18°04'50
	-3663 Jul 10 j 20:57	0°♊	
asc. node	-3663 Jul 12 j 21:44	2°♊23'04	
morning set	-3663 Jul 26 j 01:40	24°♊27'24	
	-3663 Jul 29 j 01:30	0°♋	
superior conj	-3663 Aug 05 j 03:52	12°♋52'11	1°40'42
minimum elong	-3663 Aug 05 j 07:11	13°♋06'52	1°40'37
max. Earth dist.	-3663 Aug 12 j 17:09	25°♋52'25	1.41708 AU
	-3663 Aug 15 j 04:55	0°♌	
evening rise	-3663 Aug 18 j 13:24	5°♌26'29	
desc. node	-3663 Aug 24 j 03:00	14°♌12'14	
	-3663 Sep 03 j 16:44	0°♍	
evening max el	-3663 Sep 20 j 15:06	21°♍46'51	22°24'56
retrograde	-3663 Sep 30 j 04:58	27°♍28'10	
evening set	-3663 Oct 04 j 18:40	25°♍37'10	
asc. node	-3663 Oct 08 j 20:47	21°♍01'04	
inferior conj	-3663 Oct 10 j 02:13	19°♍20'13	0°25'12
minimum elong	-3663 Oct 10 j 01:38	19°♍22'14	0°24'59

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3663 Oct 10 j 01:36	19°♍22'21	0.67429 AU
morning rise	-3663 Oct 15 j 08:29	13°♍06'35	
direct	-3663 Oct 19 j 22:17	11°♍14'42	
morning max el	-3663 Oct 29 j 09:54	16°♍52'57	22°20'35
	-3663 Nov 09 j 02:40	0°♎	
desc. node	-3663 Nov 20 j 02:46	15°♎51'33	
	-3663 Nov 29 j 06:10	0°♏	
morning set	-3663 Dec 01 j 15:39	3°♏50'49	
max. Earth dist.	-3663 Dec 07 j 05:54	13°♏05'10	1.40858 AU
superior conj	-3663 Dec 15 j 00:02	26°♏33'16	-1°54'45
minimum elong	-3663 Dec 14 j 22:53	26°♏28'07	1°54'52
	-3663 Dec 16 j 21:58	0°♐	
evening rise	-3663 Dec 25 j 03:30	15°♐14'52	
	-3662 Jan 02 j 06:26	0°♑	
asc. node	-3662 Jan 04 j 19:47	4°♑08'09	
evening max el	-3662 Jan 10 j 10:19	11°♑18'02	18°17'23
retrograde	-3662 Jan 17 j 14:07	14°♑52'18	
evening set	-3662 Jan 20 j 03:55	14°♑25'37	
inferior conj	-3662 Jan 27 j 06:06	9°♑42'36	3°57'31
minimum elong	-3662 Jan 27 j 07:33	9°♑39'29	3°57'18
min. Earth dist.	-3662 Jan 30 j 14:13	6°♑51'17	0.59766 AU
morning rise	-3662 Feb 03 j 09:21	4°♑09'01	
direct	-3662 Feb 09 j 22:44	2°♑12'36	
desc. node	-3662 Feb 16 j 02:05	3°♑47'14	
morning max el	-3662 Feb 24 j 04:07	9°♑50'42	27°08'40
	-3662 Mar 11 j 16:54	0°♒	
morning set	-3662 Mar 26 j 23:25	28°♒03'51	
	-3662 Mar 27 j 21:38	0°♓	
max. Earth dist.	-3662 Apr 02 j 16:24	12°♓27'38	1.32548 AU
asc. node	-3662 Apr 02 j 19:13	12°♓43'00	
superior conj	-3662 Apr 03 j 01:49	13°♓19'07	0°02'54
minimum elong	-3662 Apr 03 j 01:41	13°♓18'24	0°02'48
behind sun begin	-3662 Apr 02 j 20:45	12°♓51'22	
behind sun end	-3662 Apr 03 j 06:37	13°♓45'27	
evening rise	-3662 Apr 10 j 01:01	28°♓22'18	
	-3662 Apr 10 j 19:44	0°♈	
	-3662 Apr 27 j 17:52	0°♉	
evening max el	-3662 May 08 j 08:02	12°♉47'54	25°59'27
desc. node	-3662 May 15 j 00:52	17°♉55'57	
retrograde	-3662 May 22 j 10:04	20°♉03'54	
evening set	-3662 May 28 j 09:43	18°♉36'31	
min. Earth dist.	-3662 Jun 01 j 20:34	15°♉53'39	0.58883 AU
inferior conj	-3662 Jun 05 j 05:01	13°♉23'40	-4°16'00
minimum elong	-3662 Jun 05 j 03:03	13°♉27'22	4°15'47
morning rise	-3662 Jun 12 j 22:59	8°♉57'21	
direct	-3662 Jun 15 j 11:10	8°♉36'14	
morning max el	-3662 Jun 23 j 09:35	12°♉22'11	18°33'25
asc. node	-3662 Jun 29 j 18:46	20°♉28'12	
	-3662 Jul 05 j 07:41	0°♊	
morning set	-3662 Jul 09 j 15:14	8°♊11'11	
superior conj	-3662 Jul 18 j 14:58	25°♊22'13	1°48'45
minimum elong	-3662 Jul 18 j 15:38	25°♊25'22	1°48'52
	-3662 Jul 21 j 03:11	0°♋	
max. Earth dist.	-3662 Jul 25 j 20:43	8°♋27'05	1.39800 AU
evening rise	-3662 Jul 30 j 03:11	15°♋46'02	
	-3662 Aug 07 j 22:34	0°♌	
desc. node	-3662 Aug 10 j 23:59	4°♌41'34	
	-3662 Aug 29 j 10:06	0°♍	
evening max el	-3662 Sep 03 j 04:05	5°♍13'26	23°45'32
retrograde	-3662 Sep 13 j 21:03	11°♍32'41	
evening set	-3662 Sep 19 j 01:01	9°♍22'11	
inferior conj	-3662 Sep 24 j 08:43	3°♍02'59	-0°28'23
minimum elong	-3662 Sep 24 j 09:22	3°♍00'43	0°28'02
min. Earth dist.	-3662 Sep 23 j 21:51	3°♍40'03	0.67384 AU
asc. node	-3662 Sep 25 j 17:53	1°♍11'21	
	-3662 Sep 26 j 16:17	30°℞♌	
morning rise	-3662 Sep 29 j 17:41	26°♌53'38	
direct	-3662 Oct 03 j 18:00	25°♌22'43	
	-3662 Oct 11 j 20:01	0°♍	
morning max el	-3662 Oct 12 j 03:32	0°♍18'57	21°00'33
	-3662 Nov 02 j 21:24	0°♎	
desc. node	-3662 Nov 06 j 23:45	6°♎15'00	
morning set	-3662 Nov 10 j 22:24	12°♎21'51	
max. Earth dist.	-3662 Nov 19 j 10:20	25°♎54'31	1.42692 AU
	-3662 Nov 21 j 22:14	0°♏	
superior conj	-3662 Nov 26 j 07:50	7°♏21'31	-1°43'11
minimum elong	-3662 Nov 26 j 02:52	7°♏00'29	1°42'55
evening rise	-3662 Dec 07 j 23:58	27°♏46'22	
	-3662 Dec 09 j 05:50	0°♐	
asc. node	-3662 Dec 22 j 16:51	21°♐56'03	
evening max el	-3662 Dec 24 j 21:12	24°♐23'21	18°07'55
retrograde	-3662 Dec 31 j 13:11	27°♐51'12	
evening set	-3661 Jan 03 j 06:04	27°♐16'52	
inferior conj	-3661 Jan 09 j 19:39	22°♐12'41	4°00'31
minimum elong	-3661 Jan 09 j 18:36	22°♐15'16	4°00'19
min. Earth dist.	-3661 Jan 12 j 18:28	19°♐18'50	0.61758 AU
morning rise	-3661 Jan 16 j 05:58	16°♐24'05	
direct	-3661 Jan 23 j 06:17	13°♐54'56	
desc. node	-3661 Feb 02 j 23:10	18°♐39'59	
morning max el	-3661 Feb 06 j 06:58	21°♐39'21	27°40'35
	-3661 Feb 13 j 15:14	0°♑	
	-3661 Mar 04 j 16:37	0°♒	
morning set	-3661 Mar 11 j 04:45	12°♒42'12	
max. Earth dist.	-3661 Mar 17 j 03:50	25°♒16'53	1.32742 AU
superior conj	-3661 Mar 18 j 12:33	28°♒14'16	-0°22'22
minimum elong	-3661 Mar 18 j 13:34	28°♒19'46	0°22'14
	-3661 Mar 19 j 07:59	0°♓	
asc. node	-3661 Mar 20 j 16:13	2°♓55'32	
evening rise	-3661 Mar 25 j 12:19	13°♓20'00	
	-3661 Apr 02 j 23:47	0°♈	
evening max el	-3661 Apr 20 j 01:11	23°♈46'33	24°37'14
	-3661 Apr 29 j 08:19	0°♉	
desc. node	-3661 May 01 j 21:57	0°♉39'58	
retrograde	-3661 May 04 j 00:28	0°♉50'14	
evening set	-3661 May 08 j 17:30	29°♈59'55	
	-3661 May 08 j 17:25	30°℞♈	
min. Earth dist.	-3661 May 14 j 13:13	27°♈01'30	0.57017 AU
inferior conj	-3661 May 17 j 08:55	25°♈11'38	-3°39'17
minimum elong	-3661 May 17 j 03:37	25°♈20'18	3°38'13
morning rise	-3661 May 25 j 16:51	21°♈04'12	
direct	-3661 May 28 j 04:28	20°♈46'57	
morning max el	-3661 Jun 06 j 09:59	25°♈04'30	19°22'23
	-3661 Jun 10 j 17:55	0°♉	
asc. node	-3661 Jun 16 j 15:47	9°♉14'12	
morning set	-3661 Jun 23 j 14:04	22°♉24'34	
	-3661 Jun 27 j 09:07	0°♊	
superior conj	-3661 Jul 01 j 19:06	8°♊44'52	1°46'43
minimum elong	-3661 Jul 01 j 17:49	8°♊38'35	1°46'48
max. Earth dist.	-3661 Jul 07 j 22:23	20°♊24'23	1.37859 AU
evening rise	-3661 Jul 11 j 18:51	27°♊21'44	
	-3661 Jul 13 j 06:57	0°♋	
desc. node	-3661 Jul 28 j 20:59	24°♋56'42	
	-3661 Aug 01 j 09:24	0°♌	
evening max el	-3661 Aug 16 j 14:57	18°♌43'24	25°03'43
retrograde	-3661 Aug 28 j 09:08	25°♌33'40	
evening set	-3661 Sep 03 j 04:02	23°♌05'13	
min. Earth dist.	-3661 Sep 07 j 15:57	17°♌58'30	0.67030 AU
inferior conj	-3661 Sep 08 j 13:31	16°♌47'22	-1°21'44

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3661 Sep 08 j 15:26	16°♌41'03	1°20'52
asc. node	-3661 Sep 12 j 14:58	11°♌58'51	
morning rise	-3661 Sep 14 j 02:54	10°♌45'19	
direct	-3661 Sep 17 j 15:49	9°♌32'48	
morning max el	-3661 Sep 25 j 04:22	13°♌53'35	19°51'55
	-3661 Oct 07 j 08:44	0°♍	
morning set	-3661 Oct 20 j 20:35	20°♍35'10	
desc. node	-3661 Oct 24 j 20:41	26°♍48'55	
	-3661 Oct 26 j 21:32	0°♎	
max. Earth dist.	-3661 Nov 01 j 21:41	9°♎29'10	1.44055 AU
superior conj	-3661 Nov 06 j 12:10	16°♎52'29	-1°14'57
minimum elong	-3661 Nov 06 j 05:03	16°♎23'43	1°14'14
	-3661 Nov 14 j 11:47	0°♏	
evening rise	-3661 Nov 20 j 01:56	9°♏25'57	
	-3661 Dec 02 j 11:46	0°♐	
evening max el	-3661 Dec 08 j 09:50	7°♐40'28	18°17'31
asc. node	-3661 Dec 09 j 13:56	8°♐46'45	
retrograde	-3661 Dec 14 j 22:54	11°♐13'17	
evening set	-3661 Dec 17 j 19:39	10°♐29'58	
inferior conj	-3661 Dec 23 j 23:18	5°♐06'04	3°43'26
minimum elong	-3661 Dec 23 j 20:44	5°♐13'10	3°42'54
min. Earth dist.	-3661 Dec 26 j 08:07	2°♐29'34	0.63554 AU
	-3661 Dec 28 j 20:14	30°℞♏	
morning rise	-3661 Dec 29 j 21:11	29°♏07'07	
direct	-3660 Jan 05 j 21:49	26°♏19'18	
	-3660 Jan 14 j 22:28	0°♐	
morning max el	-3660 Jan 19 j 14:20	4°♐04'06	27°36'12
desc. node	-3660 Jan 20 j 20:13	5°♐20'02	
	-3660 Feb 08 j 03:47	0°♑	
morning set	-3660 Feb 23 j 03:23	26°♑56'00	
	-3660 Feb 24 j 15:59	0°♒	
max. Earth dist.	-3660 Feb 28 j 09:07	7°♒41'16	1.33317 AU
superior conj	-3660 Mar 01 j 20:29	12°♒56'36	-0°47'20
minimum elong	-3660 Mar 01 j 22:34	13°♒07'46	0°47'02
asc. node	-3660 Mar 06 j 13:13	23°♒02'16	
evening rise	-3660 Mar 08 j 23:50	28°♒13'31	
	-3660 Mar 09 j 20:12	0°♓	
	-3660 Mar 27 j 14:15	0°♈	
evening max el	-3660 Mar 31 j 17:19	4°♈28'51	23°03'37
retrograde	-3660 Apr 14 j 01:52	11°♈03'44	
evening set	-3660 Apr 17 j 11:25	10°♈38'28	
desc. node	-3660 Apr 17 j 19:03	10°♈33'38	
min. Earth dist.	-3660 Apr 25 j 03:43	7°♈13'14	0.55677 AU
inferior conj	-3660 Apr 26 j 17:34	6°♈18'04	-2°21'57
minimum elong	-3660 Apr 26 j 11:56	6°♈26'18	2°20'16
morning rise	-3660 May 05 j 14:49	2°♈20'39	
direct	-3660 May 08 j 03:48	2°♈05'07	
morning max el	-3660 May 19 j 00:13	7°♈08'24	20°31'31
asc. node	-3660 Jun 02 j 12:47	28°♈31'01	
	-3660 Jun 03 j 07:13	0°♉	
morning set	-3660 Jun 06 j 19:19	7°♉00'07	
superior conj	-3660 Jun 14 j 11:26	22°♉46'07	1°37'10
minimum elong	-3660 Jun 14 j 09:04	22°♉34'06	1°37'05
	-3660 Jun 18 j 02:08	0°♊	
max. Earth dist.	-3660 Jun 19 j 04:51	2°♊10'44	1.36110 AU
evening rise	-3660 Jun 23 j 08:16	10°♊03'12	
	-3660 Jul 04 j 21:13	0°♋	
desc. node	-3660 Jul 14 j 18:00	14°♋51'05	
	-3660 Jul 26 j 20:51	0°♌	
evening max el	-3660 Jul 29 j 01:59	2°♌15'42	26°11'27
retrograde	-3660 Aug 10 j 16:28	9°♌26'08	
evening set	-3660 Aug 17 j 01:42	6°♌44'07	
min. Earth dist.	-3660 Aug 21 j 05:28	2°♌15'08	0.66340 AU
inferior conj	-3660 Aug 22 j 14:51	0°♌31'04	-2°13'08
minimum elong	-3660 Aug 22 j 17:52	0°♌21'39	2°11'55
	-3660 Aug 23 j 00:50	30°℞♋	
morning rise	-3660 Aug 28 j 10:14	24°♋39'37	
asc. node	-3660 Aug 29 j 12:03	24°♋07'15	
direct	-3660 Aug 31 j 14:03	23°♋42'19	
morning max el	-3660 Sep 07 j 11:54	27°♋35'59	18°57'52
	-3660 Sep 09 j 15:31	0°♌	
morning set	-3660 Sep 29 j 09:45	29°♌37'52	
	-3660 Sep 29 j 15:21	0°♍	
desc. node	-3660 Oct 10 j 17:37	17°♍29'53	
max. Earth dist.	-3660 Oct 14 j 14:19	23°♍34'58	1.44772 AU
superior conj	-3660 Oct 15 j 17:40	25°♍22'48	-0°31'27
minimum elong	-3660 Oct 15 j 13:37	25°♍06'49	0°30'56
	-3660 Oct 18 j 15:49	0°♎	
evening rise	-3660 Oct 31 j 05:05	20°♎06'04	
	-3660 Nov 06 j 07:31	0°♏	
evening max el	-3660 Nov 20 j 21:37	21°♏04'31	18°45'09
asc. node	-3660 Nov 25 j 11:00	24°♏25'50	
retrograde	-3660 Nov 27 j 15:29	24°♏52'09	
evening set	-3660 Nov 30 j 17:32	23°♏58'08	
inferior conj	-3660 Dec 06 j 13:34	18°♏16'47	3°12'40
minimum elong	-3660 Dec 06 j 10:26	18°♏26'14	3°11'47
min. Earth dist.	-3660 Dec 08 j 07:31	16°♏10'03	0.65028 AU
morning rise	-3660 Dec 12 j 03:00	12°♏10'16	
direct	-3660 Dec 18 j 19:56	9°♏19'09	
morning max el	-3660 Dec 31 j 23:45	16°♏55'54	26°58'49
desc. node	-3659 Jan 06 j 17:16	23°♏17'01	
	-3659 Jan 11 j 22:41	0°♐	
	-3659 Jan 30 j 23:28	0°♑	
morning set	-3659 Feb 05 j 16:09	10°♑35'07	
max. Earth dist.	-3659 Feb 10 j 04:51	19°♑32'10	1.34321 AU
superior conj	-3659 Feb 13 j 23:37	27°♑19'30	-1°10'52
minimum elong	-3659 Feb 14 j 02:31	27°♑34'41	1°10'31
	-3659 Feb 15 j 06:14	0°♒	
evening rise	-3659 Feb 21 j 09:50	12°♒56'52	
asc. node	-3659 Feb 21 j 10:14	12°♒58'53	
	-3659 Mar 02 j 06:01	0°♓	
evening max el	-3659 Mar 13 j 14:32	15°♓21'18	21°32'16
retrograde	-3659 Mar 25 j 16:47	21°♓10'41	
evening set	-3659 Mar 28 j 06:06	20°♓55'56	
desc. node	-3659 Apr 04 j 16:11	17°♓58'26	
inferior conj	-3659 Apr 06 j 13:58	16°♓54'47	-0°31'50
minimum elong	-3659 Apr 06 j 12:29	16°♓56'53	0°31'21
min. Earth dist.	-3659 Apr 06 j 17:30	16°♓49'50	0.55150 AU
morning rise	-3659 Apr 15 j 19:11	12°♓52'21	
direct	-3659 Apr 18 j 16:32	12°♓33'59	
morning max el	-3659 May 01 j 03:30	18°♓30'03	21°58'27
	-3659 May 10 j 08:53	0°♈	
asc. node	-3659 May 20 j 09:48	18°♈10'37	
morning set	-3659 May 22 j 04:44	21°♈50'59	
	-3659 May 26 j 01:49	0°♉	
superior conj	-3659 May 29 j 12:15	7°♉14'47	1°22'06
minimum elong	-3659 May 29 j 09:35	7°♉00'46	1°21'50
max. Earth dist.	-3659 Jun 01 j 20:40	14°♉11'03	1.34687 AU
evening rise	-3659 Jun 06 j 14:04	23°♉35'03	
	-3659 Jun 09 j 23:28	0°♊	
	-3659 Jun 28 j 11:35	0°♋	
desc. node	-3659 Jul 01 j 15:03	4°♋15'18	
evening max el	-3659 Jul 11 j 13:30	15°♋42'16	27°00'37
retrograde	-3659 Jul 24 j 18:30	23°♋02'43	
evening set	-3659 Jul 31 j 15:33	20°♋14'49	
min. Earth dist.	-3659 Aug 04 j 11:58	16°♋24'08	0.65288 AU
inferior conj	-3659 Aug 06 j 10:34	14°♋09'41	-3°00'30
minimum elong	-3659 Aug 06 j 14:19	13°♋58'52	2°59'15

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3659 Aug 12 j 13:30	8°♋32'13	
direct	-3659 Aug 15 j 10:32	7°♋46'58	
asc. node	-3659 Aug 16 j 09:08	7°♋51'48	
morning max el	-3659 Aug 22 j 00:18	11°♋22'14	18°20'04
	-3659 Sep 03 j 23:54	0°♌	
morning set	-3659 Sep 10 j 01:35	9°♌58'51	
	-3659 Sep 22 j 09:58	0°♍	
superior conj	-3659 Sep 24 j 18:08	3°♍43'18	0°18'06
minimum elong	-3659 Sep 24 j 20:25	3°♍52'22	0°17'53
max. Earth dist.	-3659 Sep 27 j 08:56	7°♍51'47	1.44756 AU
desc. node	-3659 Sep 27 j 14:34	8°♍14'02	
evening rise	-3659 Oct 11 j 07:27	29°♍43'18	
	-3659 Oct 11 j 11:44	0°♎	
greatest brilliancy	-3659 Oct 22 j 10:31	17°♎00'39	-0.7m
	-3659 Oct 31 j 10:14	0°♏	
evening max el	-3659 Nov 04 j 06:05	4°♏30'57	19°29'36
retrograde	-3659 Nov 11 j 11:44	8°♏42'17	
asc. node	-3659 Nov 12 j 08:06	8°♏38'08	
evening set	-3659 Nov 14 j 20:58	7°♏35'24	
inferior conj	-3659 Nov 20 j 11:20	1°♏39'37	2°32'34
minimum elong	-3659 Nov 20 j 08:24	1°♏49'08	2°31'33
min. Earth dist.	-3659 Nov 21 j 15:36	0°♏08'16	0.66132 AU
	-3659 Nov 21 j 18:10	30°℞♎	
morning rise	-3659 Nov 25 j 19:36	25°♎27'43	
direct	-3659 Dec 01 j 23:52	22°♎45'36	
	-3659 Dec 14 j 07:50	0°♏	
morning max el	-3659 Dec 14 j 09:12	0°♏03'25	25°55'44
desc. node	-3659 Dec 24 j 14:19	12°♏08'10	
	-3658 Jan 05 j 20:54	0°♐	
morning set	-3658 Jan 19 j 14:50	23°♐27'11	
	-3658 Jan 23 j 02:23	0°♑	
max. Earth dist.	-3658 Jan 23 j 13:06	0°♑51'29	1.35770 AU
superior conj	-3658 Jan 28 j 19:29	11°♑15'42	-1°31'27
minimum elong	-3658 Jan 28 j 22:41	11°♑31'54	1°31'13
evening rise	-3658 Feb 05 j 16:28	27°♑24'12	
	-3658 Feb 06 j 23:10	0°♒	
asc. node	-3658 Feb 08 j 07:16	2°♒40'39	
evening max el	-3658 Feb 23 j 21:19	26°♒44'08	20°13'33
	-3658 Feb 28 j 04:47	0°♓	
retrograde	-3658 Mar 06 j 08:00	1°♓42'04	
evening set	-3658 Mar 08 j 14:54	1°♓28'48	
	-3658 Mar 12 j 22:45	30°℞♒	
inferior conj	-3658 Mar 17 j 11:37	27°♒29'37	1°22'47
minimum elong	-3658 Mar 17 j 15:05	27°♒24'26	1°21'34
min. Earth dist.	-3658 Mar 19 j 07:32	26°♒24'11	0.55555 AU
desc. node	-3658 Mar 22 j 13:19	24°♒37'36	
morning rise	-3658 Mar 26 j 13:29	23°♒04'35	
direct	-3658 Mar 30 j 06:51	22°♒34'16	
morning max el	-3658 Apr 12 j 22:06	29°♒17'54	23°36'29
	-3658 Apr 13 j 15:26	0°♓	
	-3658 May 03 j 08:06	0°♈	
morning set	-3658 May 06 j 16:28	6°♈51'16	
asc. node	-3658 May 07 j 06:50	8°♈06'46	
superior conj	-3658 May 13 j 18:50	22°♈02'24	1°03'02
minimum elong	-3658 May 13 j 16:26	21°♈49'31	1°02'40
max. Earth dist.	-3658 May 15 j 22:11	26°♈36'06	1.33629 AU
	-3658 May 17 j 12:57	0°♉	
evening rise	-3658 May 21 j 07:42	7°♉44'09	
	-3658 Jun 02 j 11:24	0°♊	
desc. node	-3658 Jun 18 j 12:06	22°♊56'48	
evening max el	-3658 Jun 24 j 00:12	28°♊52'03	27°24'03
	-3658 Jun 25 j 05:23	0°♋	
retrograde	-3658 Jul 07 j 14:59	6°♋15'48	
evening set	-3658 Jul 14 j 18:34	3°♋33'30	
min. Earth dist.	-3658 Jul 18 j 09:34	0°♋17'25	0.63855 AU
	-3658 Jul 18 j 16:23	30°℞♊	
inferior conj	-3658 Jul 20 j 22:12	27°♊38'51	-3°40'55
minimum elong	-3658 Jul 21 j 01:58	27°♊28'58	3°39'57
morning rise	-3658 Jul 27 j 10:11	22°♊18'32	
direct	-3658 Jul 30 j 02:35	21°♊42'33	
asc. node	-3658 Aug 03 j 06:13	23°♊08'28	
morning max el	-3658 Aug 05 j 15:09	25°♊08'06	17°59'35
	-3658 Aug 09 j 15:41	0°♋	
morning set	-3658 Aug 22 j 19:35	21°♋34'36	
	-3658 Aug 27 j 17:31	0°♌	
superior conj	-3658 Sep 04 j 11:39	12°♌56'51	1°01'04
minimum elong	-3658 Sep 04 j 17:18	13°♌19'59	1°00'31
max. Earth dist.	-3658 Sep 10 j 01:32	21°♌58'25	1.44025 AU
desc. node	-3658 Sep 14 j 11:31	28°♌58'30	
	-3658 Sep 15 j 03:11	0°♍	
evening rise	-3658 Sep 20 j 15:11	8°♍33'44	
	-3658 Oct 04 j 19:07	0°♎	
evening max el	-3658 Oct 18 j 09:19	17°♎57'14	20°28'55
retrograde	-3658 Oct 26 j 09:08	22°♎39'59	
evening set	-3658 Oct 30 j 03:39	21°♎17'49	
asc. node	-3658 Oct 30 j 05:13	21°♎14'55	
inferior conj	-3658 Nov 04 j 14:07	15°♎11'01	1°46'08
minimum elong	-3658 Nov 04 j 11:51	15°♎18'40	1°45'14
min. Earth dist.	-3658 Nov 05 j 06:17	14°♎16'20	0.66884 AU
morning rise	-3658 Nov 09 j 19:52	8°♎56'09	
direct	-3658 Nov 15 j 09:15	6°♎30'52	
morning max el	-3658 Nov 26 j 17:59	13°♎17'08	24°36'05
	-3658 Dec 10 j 07:31	0°♏	
desc. node	-3658 Dec 11 j 11:19	1°♏37'31	
	-3658 Dec 29 j 16:35	0°♐	
morning set	-3657 Jan 01 j 17:49	5°♐16'19	
max. Earth dist.	-3657 Jan 05 j 11:39	11°♐57'47	1.37613 AU
superior conj	-3657 Jan 12 j 04:46	24°♐35'28	-1°47'06
minimum elong	-3657 Jan 12 j 07:22	24°♐48'03	1°47'05
	-3657 Jan 14 j 23:06	0°♑	
evening rise	-3657 Jan 20 j 17:28	11°♑28'32	
asc. node	-3657 Jan 26 j 04:20	22°♑01'15	
	-3657 Jan 30 j 19:23	0°♒	
evening max el	-3657 Feb 06 j 14:40	8°♒43'02	19°12'46
retrograde	-3657 Feb 15 j 11:09	12°♒56'36	
evening set	-3657 Feb 17 j 19:37	12°♒40'00	
inferior conj	-3657 Feb 25 j 23:20	8°♒29'00	2°51'50
minimum elong	-3657 Feb 26 j 04:15	8°♒20'37	2°50'31
min. Earth dist.	-3657 Feb 28 j 22:43	6°♒28'29	0.56803 AU
morning rise	-3657 Mar 06 j 10:10	3°♒33'06	
desc. node	-3657 Mar 09 j 10:27	2°♒45'12	
direct	-3657 Mar 11 j 08:36	2°♒36'28	
morning max el	-3657 Mar 25 j 13:05	9°♒52'38	25°13'33
	-3657 Apr 09 j 16:21	0°♓	
morning set	-3657 Apr 21 j 04:40	21°♓53'27	
asc. node	-3657 Apr 24 j 03:51	28°♓13'03	
	-3657 Apr 24 j 23:37	0°♈	
superior conj	-3657 Apr 28 j 04:50	7°♈00'07	0°41'05
minimum elong	-3657 Apr 28 j 03:07	6°♈50'47	0°40'45
max. Earth dist.	-3657 Apr 29 j 06:53	9°♈21'37	1.32935 AU
evening rise	-3657 May 05 j 09:28	22°♈17'47	
	-3657 May 09 j 06:06	0°♉	
	-3657 May 27 j 10:27	0°♊	
desc. node	-3657 Jun 05 j 09:12	10°♊36'33	
evening max el	-3657 Jun 06 j 07:53	11°♊32'02	27°16'40
retrograde	-3657 Jun 20 j 05:16	18°♊55'00	
evening set	-3657 Jun 27 j 06:53	16°♊32'36	
min. Earth dist.	-3657 Jun 30 j 21:19	13°♊41'33	0.62065 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3657 Jul 03 j 22:39	10°♊51'07	-4°10'06
minimum elong	-3657 Jul 04 j 01:18	10°♊44'54	4°09'39
morning rise	-3657 Jul 10 j 21:07	5°♊50'35	
direct	-3657 Jul 13 j 10:47	5°♊21'35	
morning max el	-3657 Jul 20 j 05:38	8°♊46'42	17°57'25
asc. node	-3657 Jul 21 j 03:18	9°♊42'34	
	-3657 Aug 03 j 03:01	0°♋	
morning set	-3657 Aug 05 j 10:35	4°♋10'44	
superior conj	-3657 Aug 16 j 08:27	23°♋31'39	1°30'21
minimum elong	-3657 Aug 16 j 13:13	23°♋52'08	1°30'05
	-3657 Aug 20 j 03:58	0°♌	
max. Earth dist.	-3657 Aug 23 j 13:24	5°♌37'22	1.42683 AU
evening rise	-3657 Aug 30 j 21:14	17°♌22'19	
desc. node	-3657 Sep 01 j 08:29	19°♌40'14	
	-3657 Sep 08 j 02:16	0°♍	
	-3657 Sep 29 j 23:00	0°♎	
evening max el	-3657 Oct 01 j 06:25	1°♎23'06	21°40'14
retrograde	-3657 Oct 10 j 05:33	6°♎42'35	
evening set	-3657 Oct 14 j 11:35	5°♎02'49	
asc. node	-3657 Oct 17 j 02:20	2°♎24'18	
	-3657 Oct 18 j 22:58	30°℞♍	
inferior conj	-3657 Oct 19 j 19:46	28°♍48'36	0°55'32
minimum elong	-3657 Oct 19 j 18:30	28°♍52'56	0°55'02
min. Earth dist.	-3657 Oct 20 j 01:08	28°♍30'03	0.67315 AU
morning rise	-3657 Oct 25 j 01:15	22°♍33'30	
direct	-3657 Oct 29 j 23:27	20°♍28'58	
morning max el	-3657 Nov 09 j 03:39	26°♍33'26	23°09'40
	-3657 Nov 12 j 07:36	0°♎	
desc. node	-3657 Nov 28 j 08:18	21°♎33'59	
	-3657 Dec 03 j 22:28	0°♏	
morning set	-3657 Dec 13 j 18:57	15°♏46'56	
max. Earth dist.	-3657 Dec 18 j 07:11	23°♏25'58	1.39677 AU
	-3657 Dec 22 j 00:54	0°♐	
superior conj	-3657 Dec 25 j 23:11	7°♐07'43	-1°55'03
minimum elong	-3657 Dec 25 j 23:50	7°♐10'44	1°55'11
evening rise	-3656 Jan 04 j 10:08	25°♐03'03	
	-3656 Jan 07 j 00:21	0°♑	
asc. node	-3656 Jan 13 j 01:24	10°♑53'34	
evening max el	-3656 Jan 20 j 17:04	21°♑14'38	18°31'50
retrograde	-3656 Jan 28 j 08:20	24°♑58'23	
evening set	-3656 Jan 30 j 20:21	24°♑35'45	
inferior conj	-3656 Feb 07 j 07:11	20°♑05'30	3°43'27
minimum elong	-3656 Feb 07 j 10:15	19°♑59'27	3°42'55
min. Earth dist.	-3656 Feb 10 j 16:36	17°♑25'57	0.58616 AU
morning rise	-3656 Feb 14 j 21:48	14°♑43'30	
direct	-3656 Feb 20 j 23:53	13°♑09'05	
desc. node	-3656 Feb 24 j 07:35	13°♑36'37	
morning max el	-3656 Mar 06 j 06:19	20°♑42'01	26°34'30
	-3656 Mar 14 j 07:16	0°♒	
	-3656 Apr 01 j 07:04	0°♓	
morning set	-3656 Apr 04 j 15:39	6°♓51'33	
asc. node	-3656 Apr 10 j 00:51	18°♓25'02	
superior conj	-3656 Apr 11 j 16:26	22°♓01'31	0°17'12
minimum elong	-3656 Apr 11 j 15:40	21°♓57'22	0°17'00
max. Earth dist.	-3656 Apr 11 j 19:36	22°♓18'56	1.32592 AU
	-3656 Apr 15 j 08:16	0°♈	
evening rise	-3656 Apr 18 j 16:38	7°♈06'54	
	-3656 Apr 30 j 19:21	0°♉	
evening max el	-3656 May 18 j 10:23	23°♉32'39	26°36'26
desc. node	-3656 May 22 j 06:19	26°♉48'45	
	-3656 May 27 j 21:50	0°♊	
retrograde	-3656 Jun 01 j 11:47	0°♊51'50	
	-3656 Jun 05 j 23:08	30°℞♉	
evening set	-3656 Jun 08 j 00:14	29°♉02'34	
min. Earth dist.	-3656 Jun 11 j 23:46	26°♉21'20	0.60051 AU
inferior conj	-3656 Jun 15 j 08:21	23°♉37'50	-4°21'20
minimum elong	-3656 Jun 15 j 08:26	23°♉37'40	4°21'13
morning rise	-3656 Jun 22 j 18:45	18°♉58'42	
direct	-3656 Jun 25 j 07:12	18°♉35'01	
morning max el	-3656 Jul 02 j 16:50	22°♉10'08	18°14'31
asc. node	-3656 Jul 07 j 00:21	27°♉18'25	
	-3656 Jul 08 j 20:01	0°♊	
morning set	-3656 Jul 18 j 17:12	17°♊33'05	
	-3656 Jul 25 j 08:24	0°♋	
superior conj	-3656 Jul 28 j 07:02	5°♋23'23	1°45'31
minimum elong	-3656 Jul 28 j 09:12	5°♋33'09	1°45'34
max. Earth dist.	-3656 Aug 04 j 19:43	18°♋36'59	1.40916 AU
evening rise	-3656 Aug 09 j 20:29	27°♋00'24	
	-3656 Aug 11 j 16:47	0°♌	
desc. node	-3656 Aug 18 j 05:28	10°♌15'22	
	-3656 Aug 31 j 19:03	0°♍	
evening max el	-3656 Sep 12 j 21:57	14°♍49'24	22°59'09
retrograde	-3656 Sep 22 j 23:27	20°♍47'10	
evening set	-3656 Sep 27 j 18:59	18°♍48'07	
asc. node	-3656 Oct 02 j 23:26	12°♍40'15	
inferior conj	-3656 Oct 03 j 02:25	12°♍29'56	0°02'34
minimum elong	-3656 Oct 03 j 02:21	12°♍30'09	0°02'36
transit middle	-3656 Oct 03 j 02:21	12°♍30'09	0°02'36
transit begin	-3656 Oct 02 j 23:41	12°♍39'20	
transit end	-3656 Oct 03 j 05:01	12°♍20'58	
min. Earth dist.	-3656 Oct 02 j 21:33	12°♍46'45	0.67448 AU
morning rise	-3656 Oct 08 j 09:37	6°♍17'37	
direct	-3656 Oct 12 j 17:33	4°♍34'38	
morning max el	-3656 Oct 21 j 17:25	9°♍54'22	21°45'20
	-3656 Nov 06 j 06:05	0°♎	
desc. node	-3656 Nov 14 j 05:14	11°♎49'11	
morning set	-3656 Nov 22 j 15:13	24°♎54'01	
	-3656 Nov 25 j 19:25	0°♏	
max. Earth dist.	-3656 Nov 29 j 07:22	5°♏44'06	1.41688 AU
superior conj	-3656 Dec 06 j 21:14	18°♏37'53	-1°51'45
minimum elong	-3656 Dec 06 j 18:29	18°♏25'55	1°51'43
	-3656 Dec 13 j 06:15	0°♐	
evening rise	-3656 Dec 17 j 15:02	7°♐59'32	
asc. node	-3656 Dec 29 j 22:27	29°♐07'58	
	-3656 Dec 30 j 13:23	0°♑	
evening max el	-3655 Jan 03 j 01:42	4°♑09'55	18°10'58
retrograde	-3655 Jan 09 j 23:03	7°♑39'27	
evening set	-3655 Jan 12 j 14:16	7°♑09'30	
inferior conj	-3655 Jan 19 j 10:44	2°♑17'25	4°01'42
minimum elong	-3655 Jan 19 j 11:02	2°♑16'45	4°01'33
	-3655 Jan 21 j 22:48	30°℞♐	
min. Earth dist.	-3655 Jan 22 j 15:52	29°♐22'19	0.60635 AU
morning rise	-3655 Jan 26 j 06:19	26°♐37'04	
direct	-3655 Feb 02 j 02:01	24°♐25'14	
desc. node	-3655 Feb 10 j 04:39	27°♐10'20	
	-3655 Feb 13 j 22:36	0°♑	
morning max el	-3655 Feb 16 j 05:19	2°♑05'57	27°26'37
	-3655 Mar 08 j 13:22	0°♒	
morning set	-3655 Mar 19 j 23:37	21°♒38'57	
	-3655 Mar 23 j 22:30	0°♓	
max. Earth dist.	-3655 Mar 26 j 08:39	5°♓15'19	1.32588 AU
superior conj	-3655 Mar 27 j 03:55	7°♓00'30	-0°07'50
minimum elong	-3655 Mar 27 j 04:17	7°♓02'26	0°07'49
behind sun begin	-3655 Mar 26 j 23:52	6°♓38'22	
behind sun end	-3655 Mar 27 j 08:41	7°♓26'31	
asc. node	-3655 Mar 27 j 21:51	8°♓38'33	
evening rise	-3655 Apr 03 j 02:59	22°♓03'36	
	-3655 Apr 07 j 00:05	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3655 Apr 25 j 18:05	0°♉	
evening max el	-3655 Apr 30 j 06:38	4°♉51'42	25°26'52
desc. node	-3655 May 09 j 03:25	10°♉59'44	
retrograde	-3655 May 14 j 08:19	12°♉03'05	
evening set	-3655 May 19 j 19:50	10°♉52'31	
min. Earth dist.	-3655 May 24 j 18:57	8°♉04'39	0.58045 AU
inferior conj	-3655 May 27 j 23:51	5°♉49'48	-4°05'09
minimum elong	-3655 May 27 j 20:19	5°♉56'03	4°04'40
morning rise	-3655 Jun 04 j 23:36	1°♉31'49	
direct	-3655 Jun 07 j 11:37	1°♉12'23	
morning max el	-3655 Jun 15 j 21:54	5°♉10'02	18°51'46
asc. node	-3655 Jun 23 j 21:22	15°♉42'27	
	-3655 Jul 01 j 16:29	0°♊	
morning set	-3655 Jul 02 j 11:08	1°♊31'00	
superior conj	-3655 Jul 11 j 02:02	18°♊17'46	1°48'57
minimum elong	-3655 Jul 11 j 01:46	18°♊16'30	1°49'06
	-3655 Jul 17 j 09:48	0°♋	
max. Earth dist.	-3655 Jul 17 j 22:16	0°♋55'49	1.38964 AU
evening rise	-3655 Jul 21 j 21:35	7°♋53'18	
	-3655 Aug 04 j 15:50	0°♌	
desc. node	-3655 Aug 05 j 02:28	0°♌39'52	
evening max el	-3655 Aug 26 j 09:53	28°♌18'23	24°19'34
	-3655 Aug 28 j 04:46	0°♍	
retrograde	-3655 Sep 06 j 13:45	4°♍51'12	
evening set	-3655 Sep 12 j 00:08	2°♍32'47	
	-3655 Sep 14 j 10:51	30°℞♌	
min. Earth dist.	-3655 Sep 16 j 17:06	27°♌05'33	0.67279 AU
inferior conj	-3655 Sep 17 j 08:25	26°♌14'01	-0°51'06
minimum elong	-3655 Sep 17 j 09:37	26°♌09'58	0°50'31
asc. node	-3655 Sep 19 j 20:30	23°♌00'02	
morning rise	-3655 Sep 22 j 19:04	20°♌07'30	
direct	-3655 Sep 26 j 14:22	18°♌44'39	
morning max el	-3655 Oct 04 j 14:02	23°♌24'15	20°29'45
	-3655 Oct 10 j 03:45	0°♍	
	-3655 Oct 30 j 14:28	0°♎	
desc. node	-3655 Nov 01 j 02:10	2°♎17'56	
morning set	-3655 Nov 01 j 15:28	3°♎09'29	
max. Earth dist.	-3655 Nov 11 j 15:25	18°♎56'47	1.43355 AU
superior conj	-3655 Nov 17 j 17:33	28°♎53'45	-1°33'19
minimum elong	-3655 Nov 17 j 11:13	28°♎27'32	1°32'50
	-3655 Nov 18 j 09:30	0°♏	
evening rise	-3655 Nov 30 j 04:12	20°♏10'25	
	-3655 Dec 05 j 19:19	0°♐	
asc. node	-3655 Dec 16 j 19:30	16°♐33'18	
evening max el	-3655 Dec 17 j 13:39	17°♐21'04	18°09'37
retrograde	-3655 Dec 24 j 03:15	20°♐49'40	
evening set	-3655 Dec 26 j 21:44	20°♐11'32	
inferior conj	-3654 Jan 02 j 06:45	14°♐58'23	3°55'16
minimum elong	-3654 Jan 02 j 04:55	15°♐03'07	3°54'56
min. Earth dist.	-3654 Jan 04 j 23:45	12°♐10'15	0.62564 AU
morning rise	-3654 Jan 08 j 11:16	9°♐05'01	
direct	-3654 Jan 15 j 12:49	6°♐26'24	
desc. node	-3654 Jan 28 j 01:42	12°♐53'05	
morning max el	-3654 Jan 29 j 10:24	14°♐10'54	27°43'05
	-3654 Feb 11 j 06:43	0°♑	
	-3654 Mar 01 j 00:11	0°♒	
morning set	-3654 Mar 04 j 02:25	6°♒07'54	
max. Earth dist.	-3654 Mar 09 j 18:09	17°♒56'34	1.32942 AU
superior conj	-3654 Mar 11 j 13:40	21°♒50'48	-0°33'05
minimum elong	-3654 Mar 11 j 15:09	21°♒58'50	0°32'51
asc. node	-3654 Mar 14 j 18:51	28°♒49'09	
	-3654 Mar 15 j 07:57	0°♓	
evening rise	-3654 Mar 18 j 14:36	7°♓00'28	
	-3654 Mar 30 j 19:43	0°♈	

evening max el	-3654 Apr 11 j 22:33	15°♈39'49	23°57'54
retrograde	-3654 Apr 25 j 16:57	22°♈33'26	
desc. node	-3654 Apr 26 j 00:32	22°♈33'13	
evening set	-3654 Apr 29 j 20:16	21°♈55'27	
min. Earth dist.	-3654 May 06 j 09:59	18°♈47'16	0.56361 AU
inferior conj	-3654 May 08 j 19:09	17°♈19'23	-3°11'28
minimum elong	-3654 May 08 j 13:09	17°♈28'40	3°09'59
morning rise	-3654 May 17 j 09:03	13°♈18'03	
direct	-3654 May 19 j 21:02	13°♈01'48	
morning max el	-3654 May 29 j 18:10	17°♈36'45	19°49'31
	-3654 Jun 08 j 02:10	0°♉	
asc. node	-3654 Jun 10 j 18:23	4°♉42'40	
morning set	-3654 Jun 16 j 13:00	15°♉54'53	
	-3654 Jun 23 j 12:07	0°♊	
superior conj	-3654 Jun 24 j 11:53	1°♊58'31	1°43'28
minimum elong	-3654 Jun 24 j 10:02	1°♊49'20	1°43'29
max. Earth dist.	-3654 Jun 30 j 01:27	12°♊46'03	1.37076 AU
evening rise	-3654 Jul 03 j 23:06	19°♊58'17	
	-3654 Jul 09 j 16:48	0°♋	
desc. node	-3654 Jul 22 j 23:30	20°♋47'21	
	-3654 Jul 29 j 16:13	0°♌	
evening max el	-3654 Aug 08 j 20:33	11°♌49'26	25°34'14
retrograde	-3654 Aug 20 j 23:50	18°♌49'32	
evening set	-3654 Aug 27 j 01:09	16°♌14'17	
min. Earth dist.	-3654 Aug 31 j 09:25	11°♌23'44	0.66781 AU
inferior conj	-3654 Sep 01 j 11:57	9°♌58'10	-1°43'53
minimum elong	-3654 Sep 01 j 14:22	9°♌50'22	1°42'50
asc. node	-3654 Sep 06 j 17:35	4°♌17'58	
morning rise	-3654 Sep 07 j 03:43	4°♌00'33	
direct	-3654 Sep 10 j 12:29	2°♌54'59	
morning max el	-3654 Sep 17 j 17:58	7°♌02'57	19°27'07
	-3654 Oct 04 j 05:49	0°♍	
morning set	-3654 Oct 11 j 17:40	11°♍37'57	
desc. node	-3654 Oct 18 j 23:08	22°♍55'40	
	-3654 Oct 23 j 11:05	0°♎	
max. Earth dist.	-3654 Oct 25 j 05:45	2°♎48'35	1.44446 AU
superior conj	-3654 Oct 28 j 10:51	7°♎54'59	-0°58'00
minimum elong	-3654 Oct 28 j 04:19	7°♎28'54	0°57'15
	-3654 Nov 11 j 00:13	0°♏	
evening rise	-3654 Nov 11 j 21:02	1°♏26'36	
	-3654 Nov 30 j 10:20	0°♐	
evening max el	-3654 Dec 01 j 02:12	0°♐42'05	18°27'03
asc. node	-3654 Dec 03 j 16:32	2°♐56'02	
retrograde	-3654 Dec 07 j 16:32	4°♐20'26	
evening set	-3654 Dec 10 j 15:15	3°♐32'52	
	-3654 Dec 14 j 20:59	30°℞♏	
inferior conj	-3654 Dec 16 j 15:24	28°♏00'58	3°31'46
minimum elong	-3654 Dec 16 j 12:29	28°♏09'22	3°31'04
min. Earth dist.	-3654 Dec 18 j 17:46	25°♏36'05	0.64222 AU
morning rise	-3654 Dec 22 j 09:13	21°♏58'15	
direct	-3654 Dec 29 j 07:11	19°♏07'29	
morning max el	-3653 Jan 11 j 19:18	26°♏50'30	27°24'01
desc. node	-3653 Jan 14 j 22:44	0°♐09'56	
	-3653 Jan 14 j 19:11	0°♐	
	-3653 Feb 04 j 20:43	0°♑	
morning set	-3653 Feb 15 j 21:23	20°♑09'29	
	-3653 Feb 20 j 18:14	0°♒	
max. Earth dist.	-3653 Feb 20 j 20:02	0°♒09'21	1.33691 AU
superior conj	-3653 Feb 23 j 19:52	6°♒26'26	-0°57'34
minimum elong	-3653 Feb 23 j 22:21	6°♒39'35	0°57'14
asc. node	-3653 Mar 01 j 15:52	18°♒52'43	
evening rise	-3653 Mar 03 j 01:45	21°♒51'14	
	-3653 Mar 07 j 01:39	0°♓	
evening max el	-3653 Mar 24 j 15:59	26°♓23'17	22°23'40

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3653 Mar 29 j 04:33	0°♈	
retrograde	-3653 Apr 06 j 13:42	2°♈41'15	
evening set	-3653 Apr 09 j 12:41	2°♈21'58	
desc. node	-3653 Apr 12 j 21:38	1°♈17'18	
	-3653 Apr 15 j 14:46	30°℞♓	
min. Earth dist.	-3653 Apr 18 j 00:05	28°♓41'12	0.55338 AU
inferior conj	-3653 Apr 18 j 21:18	28°♓11'03	-1°37'57
minimum elong	-3653 Apr 18 j 16:59	28°♓17'11	1°36'32
morning rise	-3653 Apr 27 j 23:01	24°♓13'56	
direct	-3653 Apr 30 j 14:05	23°♓58'08	
morning max el	-3653 May 12 j 03:52	29°♓23'34	21°06'41
	-3653 May 12 j 19:06	0°♈	
asc. node	-3653 May 28 j 15:27	24°♈10'20	
morning set	-3653 May 31 j 20:17	0°♉37'48	
	-3653 May 31 j 12:55	0°♉	
superior conj	-3653 Jun 08 j 08:16	16°♉13'04	1°31'22
minimum elong	-3653 Jun 08 j 05:42	15°♉59'46	1°31'11
max. Earth dist.	-3653 Jun 12 j 11:15	24°♉34'32	1.35455 AU
	-3653 Jun 15 j 05:45	0°♊	
evening rise	-3653 Jun 16 j 20:07	3°♊03'00	
	-3653 Jul 02 j 14:46	0°♋	
desc. node	-3653 Jul 09 j 20:32	10°♋30'16	
evening max el	-3653 Jul 22 j 07:35	25°♋19'26	26°35'04
	-3653 Jul 27 j 23:21	0°♌	
retrograde	-3653 Aug 04 j 05:07	2°♌36'08	
evening set	-3653 Aug 10 j 19:50	29°♋50'09	
	-3653 Aug 10 j 15:07	30°℞♋	
min. Earth dist.	-3653 Aug 14 j 20:13	25°♋37'42	0.65933 AU
inferior conj	-3653 Aug 16 j 11:10	23°♋39'53	-2°33'55
minimum elong	-3653 Aug 16 j 14:33	23°♋29'37	2°32'39
morning rise	-3653 Aug 22 j 09:35	17°♋54'08	
asc. node	-3653 Aug 24 j 14:41	17°♋06'15	
direct	-3653 Aug 25 j 10:07	17°♋02'33	
morning max el	-3653 Sep 01 j 03:54	20°♋47'37	18°39'45
	-3653 Sep 08 j 07:05	0°♌	
morning set	-3653 Sep 21 j 17:30	21°♌12'07	
	-3653 Sep 27 j 05:27	0°♍	
desc. node	-3653 Oct 05 j 20:05	13°♍38'27	
superior conj	-3653 Oct 07 j 11:21	16°♍13'06	-0°10'24
minimum elong	-3653 Oct 07 j 09:58	16°♍07'42	0°10'11
behind sun begin	-3653 Oct 07 j 00:57	15°♍32'11	
behind sun end	-3653 Oct 07 j 18:59	16°♍43'13	
max. Earth dist.	-3653 Oct 07 j 23:07	16°♍59'28	1.44846 AU
	-3653 Oct 16 j 05:11	0°♎	
evening rise	-3653 Oct 23 j 13:32	11°♎39'23	
	-3653 Nov 04 j 03:32	0°♏	
evening max el	-3653 Nov 14 j 12:49	14°♏07'38	19°02'08
asc. node	-3653 Nov 20 j 13:38	18°♏00'12	
retrograde	-3653 Nov 21 j 11:05	18°♏04'42	
evening set	-3653 Nov 24 j 15:49	17°♏05'41	
inferior conj	-3653 Nov 30 j 09:14	11°♏17'56	2°56'37
minimum elong	-3653 Nov 30 j 06:07	11°♏27'41	2°55'39
min. Earth dist.	-3653 Dec 01 j 21:15	9°♏25'34	0.65536 AU
morning rise	-3653 Dec 05 j 20:05	5°♏08'37	
direct	-3653 Dec 12 j 08:02	2°♏19'50	
morning max el	-3653 Dec 25 j 04:59	9°♏51'00	26°34'37
desc. node	-3652 Jan 01 j 19:46	18°♏32'38	
	-3652 Jan 10 j 04:42	0°♐	
	-3652 Jan 28 j 07:41	0°♑	
morning set	-3652 Jan 30 j 04:48	3°♑31'04	
max. Earth dist.	-3652 Feb 03 j 10:46	11°♑45'15	1.34882 AU
superior conj	-3652 Feb 07 j 20:16	20°♑39'27	-1°20'03
minimum elong	-3652 Feb 07 j 23:23	20°♑55'31	1°19'45
	-3652 Feb 12 j 07:55	0°♒	
evening rise	-3652 Feb 15 j 10:35	6°♒28'42	
asc. node	-3652 Feb 16 j 12:53	8°♒43'51	
	-3652 Feb 28 j 11:02	0°♓	
evening max el	-3652 Mar 05 j 16:59	7°♓27'37	20°56'49
retrograde	-3652 Mar 17 j 03:14	12°♓54'55	
evening set	-3652 Mar 19 j 12:04	12°♓41'45	
inferior conj	-3652 Mar 28 j 16:29	8°♓43'47	0°18'16
minimum elong	-3652 Mar 28 j 17:19	8°♓42'35	0°17'55
min. Earth dist.	-3652 Mar 29 j 14:19	8°♓12'36	0.55210 AU
desc. node	-3652 Mar 29 j 18:46	8°♓06'17	
morning rise	-3652 Apr 06 j 21:48	4°♓33'03	
direct	-3652 Apr 10 j 02:01	4°♓11'03	
morning max el	-3652 Apr 23 j 03:04	10°♓29'32	22°39'19
	-3652 May 07 j 07:31	0°♈	
asc. node	-3652 May 14 j 12:29	13°♈57'44	
morning set	-3652 May 15 j 06:53	15°♈33'14	
superior conj	-3652 May 22 j 11:52	0°♉50'54	1°14'26
minimum elong	-3652 May 22 j 09:15	0°♉37'01	1°14'06
	-3652 May 22 j 02:16	0°♉	
max. Earth dist.	-3652 May 25 j 07:05	6°♉43'44	1.34191 AU
evening rise	-3652 May 30 j 07:28	16°♉52'32	
	-3652 Jun 06 j 07:45	0°♊	
desc. node	-3652 Jun 25 j 17:36	29°♊38'19	
	-3652 Jun 26 j 00:30	0°♋	
evening max el	-3652 Jul 03 j 19:03	8°♋40'44	27°14'13
retrograde	-3652 Jul 17 j 05:07	16°♋03'44	
evening set	-3652 Jul 24 j 05:32	13°♋16'48	
min. Earth dist.	-3652 Jul 27 j 23:19	9°♋41'19	0.64715 AU
inferior conj	-3652 Jul 30 j 03:48	7°♋15'33	-3°18'47
minimum elong	-3652 Jul 30 j 07:40	7°♋04'48	3°17'37
morning rise	-3652 Aug 05 j 10:23	1°♋44'50	
direct	-3652 Aug 08 j 05:06	1°♋03'54	
asc. node	-3652 Aug 10 j 11:49	1°♋31'18	
morning max el	-3652 Aug 14 j 17:39	4°♋34'23	18°09'08
	-3652 Aug 31 j 14:50	0°♌	
morning set	-3652 Sep 01 j 21:00	2°♌06'36	
superior conj	-3652 Sep 15 j 16:53	24°♌50'20	0°37'44
minimum elong	-3652 Sep 15 j 21:11	25°♌07'37	0°37'16
	-3652 Sep 18 j 22:28	0°♍	
max. Earth dist.	-3652 Sep 19 j 16:52	1°♍12'57	1.44522 AU
desc. node	-3652 Sep 21 j 17:03	4°♍23'24	
evening rise	-3652 Oct 02 j 06:30	20°♍52'55	
	-3652 Oct 08 j 04:12	0°♎	
greatest brilliancy	-3652 Oct 15 j 08:28	10°♎55'11	-0.7m
evening max el	-3652 Oct 27 j 19:20	27°♎34'52	19°53'15
	-3652 Oct 30 j 11:35	0°♏	
retrograde	-3652 Nov 04 j 08:01	1°♏58'33	
asc. node	-3652 Nov 06 j 10:45	1°♏32'38	
evening set	-3652 Nov 07 j 20:54	0°♏45'35	
	-3652 Nov 08 j 20:20	30°℞♎	
inferior conj	-3652 Nov 13 j 09:26	24°♎44'59	2°13'32
minimum elong	-3652 Nov 13 j 06:43	24°♎53'56	2°12'32
min. Earth dist.	-3652 Nov 14 j 08:27	23°♎28'59	0.66493 AU
morning rise	-3652 Nov 18 j 16:19	18°♎31'36	
direct	-3652 Nov 24 j 14:34	15°♎55'36	
morning max el	-3652 Dec 06 j 13:52	23°♎01'25	25°23'15
	-3652 Dec 12 j 18:44	0°♏	
desc. node	-3652 Dec 18 j 16:48	7°♏41'55	
	-3651 Jan 02 j 12:47	0°♐	
morning set	-3651 Jan 11 j 19:51	15°♐58'33	
max. Earth dist.	-3651 Jan 15 j 14:01	22°♐54'13	1.36517 AU
	-3651 Jan 19 j 06:55	0°♑	
superior conj	-3651 Jan 21 j 12:07	4°♑21'51	-1°38'50
minimum elong	-3651 Jan 21 j 15:12	4°♑37'10	1°38'42

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3651 Jan 29 j 15:06	20°♑47'06	
asc. node	-3651 Feb 02 j 09:55	28°♑17'23	
	-3651 Feb 03 j 07:21	0°♒	
evening max el	-3651 Feb 16 j 04:27	19°♒06'24	19°45'16
retrograde	-3651 Feb 25 j 21:44	23°♒43'17	
evening set	-3651 Feb 28 j 05:00	23°♒28'56	
inferior conj	-3651 Mar 08 j 18:49	19°♒26'20	2°04'50
minimum elong	-3651 Mar 08 j 23:26	19°♒19'06	2°03'22
min. Earth dist.	-3651 Mar 11 j 04:40	17°♒56'07	0.56008 AU
desc. node	-3651 Mar 16 j 15:54	15°♒08'28	
morning rise	-3651 Mar 17 j 15:28	14°♒48'24	
direct	-3651 Mar 21 j 21:00	14°♒08'29	
morning max el	-3651 Apr 04 j 19:10	21°♒07'51	24°18'38
	-3651 Apr 12 j 10:16	0°♓	
morning set	-3651 Apr 29 j 19:00	0°♈34'54	
	-3651 Apr 29 j 12:20	0°♈	
asc. node	-3651 May 01 j 09:30	3°♈58'42	
superior conj	-3651 May 06 j 20:07	15°♈43'27	0°54'00
minimum elong	-3651 May 06 j 17:58	15°♈31'49	0°53'38
max. Earth dist.	-3651 May 08 j 12:09	19°♈18'54	1.33297 AU
	-3651 May 13 j 14:29	0°♉	
evening rise	-3651 May 14 j 04:58	1°♉13'31	
	-3651 May 30 j 06:35	0°♊	
desc. node	-3651 Jun 12 j 14:41	17°♊56'18	
evening max el	-3651 Jun 16 j 05:01	21°♊40'09	27°25'00
retrograde	-3651 Jun 29 j 22:52	29°♊03'09	
evening set	-3651 Jul 07 j 02:45	26°♊27'56	
min. Earth dist.	-3651 Jul 10 j 16:52	23°♊23'47	0.63128 AU
inferior conj	-3651 Jul 13 j 11:05	20°♊38'40	-3°55'03
minimum elong	-3651 Jul 13 j 14:33	20°♊29'59	3°54'18
morning rise	-3651 Jul 20 j 03:19	15°♊26'10	
direct	-3651 Jul 22 j 18:24	14°♊53'17	
asc. node	-3651 Jul 28 j 08:55	17°♊22'40	
morning max el	-3651 Jul 29 j 08:36	18°♊17'29	17°56'21
	-3651 Aug 06 j 20:00	0°♋	
morning set	-3651 Aug 15 j 00:39	14°♋10'05	
	-3651 Aug 24 j 03:47	0°♌	
superior conj	-3651 Aug 26 j 21:30	4°♌36'36	1°15'19
minimum elong	-3651 Aug 27 j 03:10	5°♌00'16	1°14'50
max. Earth dist.	-3651 Sep 02 j 08:06	15°♌11'06	1.43521 AU
desc. node	-3651 Sep 08 j 14:00	25°♌07'05	
evening rise	-3651 Sep 11 j 10:58	29°♌35'52	
	-3651 Sep 11 j 17:12	0°♍	
	-3651 Oct 01 j 22:36	0°♎	
evening max el	-3651 Oct 10 j 20:04	11°♎01'04	20°58'05
retrograde	-3651 Oct 19 j 05:04	15°♎58'25	
evening set	-3651 Oct 23 j 04:19	14°♎28'53	
asc. node	-3651 Oct 24 j 07:52	13°♎29'31	
inferior conj	-3651 Oct 28 j 13:37	8°♎18'40	1°25'04
minimum elong	-3651 Oct 28 j 11:45	8°♎25'02	1°24'19
min. Earth dist.	-3651 Oct 29 j 01:03	7°♎39'35	0.67108 AU
morning rise	-3651 Nov 02 j 19:01	2°♎03'38	
	-3651 Nov 06 j 09:41	30°℞♍	
direct	-3651 Nov 08 j 01:59	29°♍46'54	
	-3651 Nov 09 j 19:59	0°♎	
morning max el	-3651 Nov 18 j 22:34	6°♎15'30	23°59'38
desc. node	-3651 Dec 05 j 13:47	27°♎23'45	
	-3651 Dec 07 j 08:45	0°♏	
morning set	-3651 Dec 24 j 12:29	27°♏15'29	
	-3651 Dec 26 j 02:33	0°♐	
max. Earth dist.	-3651 Dec 28 j 10:31	4°♐06'23	1.38482 AU
superior conj	-3650 Jan 04 j 15:41	17°♐23'09	-1°51'37
minimum elong	-3650 Jan 04 j 17:38	17°♐32'27	1°51'41
	-3650 Jan 11 j 03:53	0°♑	

evening rise	-3650 Jan 13 j 12:53	4°♑39'50	
asc. node	-3650 Jan 20 j 06:57	17°♑27'05	
	-3650 Jan 28 j 18:43	0°♒	
evening max el	-3650 Jan 30 j 01:56	1°♒20'21	18°52'51
retrograde	-3650 Feb 07 j 08:29	5°♒19'19	
evening set	-3650 Feb 09 j 18:35	5°♒00'15	
inferior conj	-3650 Feb 17 j 14:50	0°♒41'15	3°18'17
minimum elong	-3650 Feb 17 j 19:14	0°♒33'16	3°17'17
	-3650 Feb 18 j 13:31	30°℞♑	
min. Earth dist.	-3650 Feb 20 j 20:23	28°♑21'58	0.57529 AU
morning rise	-3650 Feb 25 j 17:20	25°♑33'39	
direct	-3650 Mar 03 j 04:20	24°♑22'01	
desc. node	-3650 Mar 03 j 13:01	24°♑22'20	
	-3650 Mar 15 j 12:02	0°♒	
morning max el	-3650 Mar 17 j 10:25	1°♒45'54	25°50'50
	-3650 Apr 06 j 08:47	0°♓	
morning set	-3650 Apr 14 j 06:56	15°♓37'03	
asc. node	-3650 Apr 18 j 06:29	24°♓08'27	
	-3650 Apr 20 j 22:56	0°♈	
superior conj	-3650 Apr 21 j 07:01	0°♈44'08	0°31'08
minimum elong	-3650 Apr 21 j 05:41	0°♈36'50	0°30'51
max. Earth dist.	-3650 Apr 21 j 23:18	2°♈12'58	1.32754 AU
evening rise	-3650 Apr 28 j 09:22	15°♈55'36	
	-3650 May 05 j 13:43	0°♉	
	-3650 May 25 j 13:11	0°♊	
evening max el	-3650 May 29 j 10:47	4°♊04'58	27°03'25
desc. node	-3650 May 30 j 11:47	5°♊03'05	
retrograde	-3650 Jun 12 j 09:44	11°♊25'59	
evening set	-3650 Jun 19 j 07:29	9°♊16'15	
min. Earth dist.	-3650 Jun 23 j 00:18	6°♊31'40	0.61233 AU
inferior conj	-3650 Jun 26 j 05:44	3°♊41'44	-4°17'32
minimum elong	-3650 Jun 26 j 07:29	3°♊37'52	4°17'18
	-3650 Jun 30 j 23:20	30°℞♉	
morning rise	-3650 Jul 03 j 09:06	28°♉50'14	
direct	-3650 Jul 05 j 22:17	28°♉23'31	
	-3650 Jul 10 j 16:05	0°♊	
morning max el	-3650 Jul 12 j 22:02	1°♊51'03	18°02'18
asc. node	-3650 Jul 15 j 05:58	4°♊25'15	
morning set	-3650 Jul 28 j 22:54	27°♊07'48	
	-3650 Jul 30 j 12:18	0°♋	
superior conj	-3650 Aug 08 j 05:52	15°♋46'05	1°38'24
minimum elong	-3650 Aug 08 j 09:36	16°♋02'25	1°38'17
max. Earth dist.	-3650 Aug 15 j 18:04	28°♋36'16	1.41974 AU
	-3650 Aug 16 j 14:16	0°♌	
evening rise	-3650 Aug 21 j 22:30	8°♌40'21	
desc. node	-3650 Aug 26 j 10:59	15°♌46'30	
	-3650 Sep 04 j 21:39	0°♍	
evening max el	-3650 Sep 23 j 14:34	24°♍26'22	22°13'09
	-3650 Oct 02 j 08:43	0°♎	
retrograde	-3650 Oct 03 j 00:33	0°♎02'08	
	-3650 Oct 03 j 16:09	30°℞♍	
evening set	-3650 Oct 07 j 12:13	28°♍14'01	
asc. node	-3650 Oct 11 j 04:59	24°♍09'58	
inferior conj	-3650 Oct 12 j 19:53	21°♍57'32	0°33'15
minimum elong	-3650 Oct 12 j 19:07	22°♍00'12	0°32'56
min. Earth dist.	-3650 Oct 12 j 20:46	21°♍54'28	0.67409 AU
morning rise	-3650 Oct 18 j 01:53	15°♍43'27	
direct	-3650 Oct 22 j 17:47	13°♍48'24	
morning max el	-3650 Nov 01 j 09:42	19°♍33'31	22°33'08
	-3650 Nov 10 j 03:27	0°♎	
desc. node	-3650 Nov 22 j 10:44	17°♎28'42	
	-3650 Nov 30 j 14:12	0°♏	
morning set	-3650 Dec 05 j 01:12	7°♏09'17	
max. Earth dist.	-3650 Dec 10 j 07:40	15°♏54'59	1.40552 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3650 Dec 18 j 02:04	29°♏30'07	-1°55'16
minimum elong	-3650 Dec 18 j 01:26	29°♏27'15	1°55'23
	-3650 Dec 18 j 08:42	0°♐	
evening rise	-3650 Dec 28 j 00:59	17°♐59'06	
	-3649 Jan 03 j 13:08	0°♑	
asc. node	-3649 Jan 07 j 04:00	6°♑04'29	
evening max el	-3649 Jan 13 j 07:14	14°♑02'28	18°20'32
retrograde	-3649 Jan 20 j 13:45	17°♑38'56	
evening set	-3649 Jan 23 j 03:03	17°♑13'23	
inferior conj	-3649 Jan 30 j 07:23	12°♑33'44	3°54'49
minimum elong	-3649 Jan 30 j 09:15	12°♑29'47	3°54'31
min. Earth dist.	-3649 Feb 02 j 16:12	9°♑44'37	0.59459 AU
morning rise	-3649 Feb 06 j 13:27	7°♑02'48	
direct	-3649 Feb 13 j 00:09	5°♑11'58	
desc. node	-3649 Feb 18 j 10:06	6°♑25'34	
morning max el	-3649 Feb 27 j 06:07	12°♑49'15	27°00'53
	-3649 Mar 12 j 20:19	0°♒	
	-3649 Mar 29 j 10:44	0°♓	
morning set	-3649 Mar 29 j 16:53	0°♓32'00	
asc. node	-3649 Apr 05 j 03:28	14°♓21'43	
superior conj	-3649 Apr 05 j 18:46	15°♓45'28	0°06'41
minimum elong	-3649 Apr 05 j 18:28	15°♓43'51	0°06'35
behind sun begin	-3649 Apr 05 j 13:53	15°♓18'48	
behind sun end	-3649 Apr 05 j 23:02	16°♓08'53	
max. Earth dist.	-3649 Apr 05 j 12:41	15°♓12'13	1.32548 AU
	-3649 Apr 12 j 08:49	0°♈	
evening rise	-3649 Apr 12 j 18:07	0°♈48'55	
	-3649 Apr 28 j 19:01	0°♉	
evening max el	-3649 May 11 j 10:21	15°♉46'46	26°09'49
desc. node	-3649 May 17 j 08:53	20°♉28'25	
retrograde	-3649 May 25 j 12:25	23°♉03'59	
evening set	-3649 May 31 j 15:44	21°♉30'45	
min. Earth dist.	-3649 Jun 04 j 23:06	18°♉48'50	0.59186 AU
inferior conj	-3649 Jun 08 j 08:02	16°♉14'33	-4°18'26
minimum elong	-3649 Jun 08 j 06:37	16°♉17'15	4°18'17
morning rise	-3649 Jun 16 j 00:01	11°♉45'01	
direct	-3649 Jun 18 j 12:12	11°♉23'19	
morning max el	-3649 Jun 26 j 07:03	15°♉06'03	18°27'53
asc. node	-3649 Jul 02 j 02:59	22°♉23'08	
	-3649 Jul 06 j 16:36	0°♊	
morning set	-3649 Jul 12 j 10:46	10°♊46'15	
superior conj	-3649 Jul 21 j 13:54	28°♊06'50	1°48'14
minimum elong	-3649 Jul 21 j 14:57	28°♊11'40	1°48'21
	-3649 Jul 22 j 14:28	0°♋	
max. Earth dist.	-3649 Jul 28 j 22:04	11°♋16'43	1.40092 AU
evening rise	-3649 Aug 02 j 08:23	18°♋48'49	
	-3649 Aug 09 j 06:14	0°♌	
desc. node	-3649 Aug 13 j 07:59	6°♌17'44	
	-3649 Aug 30 j 06:07	0°♍	
evening max el	-3649 Sep 06 j 04:05	7°♍52'57	23°33'33
retrograde	-3649 Sep 16 j 17:12	14°♍07'03	
evening set	-3649 Sep 21 j 18:53	11°♍59'33	
min. Earth dist.	-3649 Sep 26 j 17:10	6°♍12'16	0.67408 AU
inferior conj	-3649 Sep 27 j 02:28	5°♍40'25	-0°20'13
minimum elong	-3649 Sep 27 j 02:56	5°♍38'48	0°19'58
asc. node	-3649 Sep 28 j 02:04	4°♍20'12	
	-3649 Oct 01 j 20:28	30°℞♌	
morning rise	-3649 Oct 02 j 10:55	29°♌30'07	
direct	-3649 Oct 06 j 13:07	27°♌56'10	
	-3649 Oct 11 j 17:41	0°♍	
morning max el	-3649 Oct 15 j 02:17	2°♍58'29	21°11'49
	-3649 Nov 04 j 03:35	0°♎	
desc. node	-3649 Nov 09 j 07:41	7°♎50'17	
morning set	-3649 Nov 14 j 11:01	15°♎48'30	
max. Earth dist.	-3649 Nov 22 j 10:48	28°♎35'56	1.42444 AU
	-3649 Nov 23 j 07:19	0°♏	
superior conj	-3649 Nov 29 j 13:43	10°♏29'43	-1°45'58
minimum elong	-3649 Nov 29 j 09:19	10°♏10'57	1°45'47
evening rise	-3649 Dec 10 j 23:46	0°♐37'22	
	-3649 Dec 10 j 15:28	0°♐	
asc. node	-3649 Dec 25 j 01:03	23°♐59'46	
evening max el	-3649 Dec 27 j 17:37	27°♐05'28	18°08'08
	-3649 Dec 31 j 19:05	0°♑	
retrograde	-3648 Jan 03 j 10:42	0°♑33'18	
evening set	-3648 Jan 06 j 03:08	0°♑00'09	
	-3648 Jan 06 j 03:18	30°℞♐	
inferior conj	-3648 Jan 12 j 18:25	24°♐59'13	4°01'30
minimum elong	-3648 Jan 12 j 17:42	25°♐00'59	4°01'20
min. Earth dist.	-3648 Jan 15 j 19:07	22°♐04'15	0.61471 AU
morning rise	-3648 Jan 19 j 07:00	19°♐12'34	
direct	-3648 Jan 26 j 06:32	16°♐47'22	
desc. node	-3648 Feb 05 j 07:09	20°♐58'29	
morning max el	-3648 Feb 09 j 07:59	24°♐31'14	27°38'07
	-3648 Feb 14 j 08:33	0°♑	
	-3648 Mar 05 j 02:36	0°♒	
morning set	-3648 Mar 12 j 22:57	15°♒12'42	
max. Earth dist.	-3648 Mar 19 j 00:32	28°♒03'04	1.32689 AU
	-3648 Mar 19 j 22:04	0°♓	
superior conj	-3648 Mar 20 j 05:44	0°♓41'41	-0°18'33
minimum elong	-3648 Mar 20 j 06:34	0°♓46'16	0°18'26
asc. node	-3648 Mar 22 j 00:27	4°♓34'31	
evening rise	-3648 Mar 27 j 05:13	15°♓46'19	
	-3648 Apr 03 j 08:38	0°♈	
evening max el	-3648 Apr 22 j 04:13	26°♈50'14	24°50'36
	-3648 Apr 25 j 21:35	0°♉	
desc. node	-3648 May 03 j 06:00	3°♉36'16	
retrograde	-3648 May 06 j 04:33	3°♉56'22	
evening set	-3648 May 11 j 02:26	3°♉01'12	
min. Earth dist.	-3648 May 16 j 16:25	0°♉05'48	0.57270 AU
	-3648 May 16 j 20:01	30°℞♈	
inferior conj	-3648 May 19 j 14:59	28°♈08'57	-3°47'27
minimum elong	-3648 May 19 j 10:04	28°♈17'09	3°46'33
morning rise	-3648 May 27 j 20:46	23°♈58'55	
direct	-3648 May 30 j 08:26	23°♈41'09	
morning max el	-3648 Jun 08 j 08:43	27°♈53'13	19°13'45
	-3648 Jun 10 j 09:45	0°♉	
asc. node	-3648 Jun 17 j 24:00	11°♉03'44	
morning set	-3648 Jun 25 j 08:24	24°♉55'50	
	-3648 Jun 27 j 21:31	0°♊	
superior conj	-3648 Jul 03 j 15:48	11°♊22'28	1°47'34
minimum elong	-3648 Jul 03 j 14:45	11°♊17'23	1°47'40
max. Earth dist.	-3648 Jul 09 j 23:39	23°♊18'31	1.38141 AU
evening rise	-3648 Jul 13 j 20:22	0°♋13'44	
	-3648 Jul 13 j 17:14	0°♋	
desc. node	-3648 Jul 30 j 05:01	26°♋35'39	
	-3648 Aug 01 j 13:08	0°♌	
evening max el	-3648 Aug 18 j 15:11	21°♌22'53	24°52'36
retrograde	-3648 Aug 30 j 05:52	28°♌08'58	
evening set	-3648 Sep 04 j 22:31	25°♌43'08	
min. Earth dist.	-3648 Sep 09 j 11:46	20°♌30'56	0.67102 AU
inferior conj	-3648 Sep 10 j 07:39	19°♌24'58	-1°13'44
minimum elong	-3648 Sep 10 j 09:23	19°♌19'13	1°12'56
asc. node	-3648 Sep 13 j 23:09	14°♌58'56	
morning rise	-3648 Sep 15 j 20:16	13°♌21'35	
direct	-3648 Sep 19 j 10:46	12°♌06'26	
morning max el	-3648 Sep 27 j 01:59	16°♌31'51	20°01'16
	-3648 Oct 07 j 12:25	0°♍	
morning set	-3648 Oct 23 j 08:56	24°♍00'09	
desc. node	-3648 Oct 26 j 04:38	28°♍23'09	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3648 Oct 27 j 05:28	0°♎	
max. Earth dist.	-3648 Nov 03 j 21:19	12°♎05'26	1.43896 AU
superior conj	-3648 Nov 08 j 22:12	20°♎12'28	-1°20'19
minimum elong	-3648 Nov 08 j 15:08	19°♎43'43	1°19'39
	-3648 Nov 14 j 20:47	0°♏	
evening rise	-3648 Nov 22 j 04:47	12°♏25'26	
	-3648 Dec 02 j 14:56	0°♐	
evening max el	-3648 Dec 10 j 06:12	10°♐21'26	18°14'54
asc. node	-3648 Dec 10 j 22:08	11°♐00'10	
retrograde	-3648 Dec 16 j 19:06	13°♐52'41	
evening set	-3648 Dec 19 j 15:15	13°♐10'43	
inferior conj	-3648 Dec 25 j 20:14	7°♐49'32	3°46'57
minimum elong	-3648 Dec 25 j 17:49	7°♐56'05	3°46'30
min. Earth dist.	-3648 Dec 28 j 07:13	5°♐09'36	0.63312 AU
morning rise	-3648 Dec 31 j 19:43	1°♐52'03	
	-3647 Jan 03 j 19:52	30℞♏	
direct	-3647 Jan 07 j 20:55	29°♏06'05	
	-3647 Jan 12 j 03:56	0°♐	
morning max el	-3647 Jan 21 j 14:44	6°♐50'45	27°39'03
desc. node	-3647 Jan 22 j 04:11	7°♐24'23	
	-3647 Feb 08 j 09:23	0°♑	
morning set	-3647 Feb 24 j 22:47	29°♑30'37	
	-3647 Feb 25 j 04:38	0°♒	
max. Earth dist.	-3647 Mar 02 j 07:01	10°♒31'58	1.33204 AU
superior conj	-3647 Mar 04 j 14:13	15°♒26'19	-0°43'37
minimum elong	-3647 Mar 04 j 16:09	15°♒36'42	0°43'20
asc. node	-3647 Mar 08 j 21:29	24°♒42'30	
	-3647 Mar 11 j 09:03	0°♓	
evening rise	-3647 Mar 11 j 16:50	0°♓41'01	
	-3647 Mar 28 j 07:02	0°♈	
evening max el	-3647 Apr 03 j 20:13	7°♈33'42	23°17'47
retrograde	-3647 Apr 17 j 07:44	14°♈13'51	
desc. node	-3647 Apr 20 j 03:05	13°♈56'30	
evening set	-3647 Apr 20 j 21:39	13°♈45'49	
min. Earth dist.	-3647 Apr 28 j 07:01	10°♈25'30	0.55827 AU
inferior conj	-3647 Apr 30 j 02:19	9°♈21'40	-2°36'15
minimum elong	-3647 Apr 29 j 20:25	9°♈30'23	2°34'34
morning rise	-3647 May 08 j 21:44	5°♈23'39	
direct	-3647 May 11 j 10:25	5°♈07'59	
morning max el	-3647 May 22 j 00:35	10°♈03'35	20°20'01
asc. node	-3647 Jun 04 j 21:03	0°♉17'00	
	-3647 Jun 04 j 17:27	0°♉	
morning set	-3647 Jun 09 j 12:55	9°♉29'14	
superior conj	-3647 Jun 17 j 06:38	25°♉19'18	1°39'02
minimum elong	-3647 Jun 17 j 04:23	25°♉07'55	1°38'57
	-3647 Jun 19 j 14:43	0°♊	
max. Earth dist.	-3647 Jun 22 j 05:21	5°♊06'23	1.36353 AU
evening rise	-3647 Jun 26 j 06:57	12°♊46'51	
	-3647 Jul 06 j 05:02	0°♋	
desc. node	-3647 Jul 17 j 02:04	16°♋34'06	
	-3647 Jul 27 j 11:34	0°♌	
evening max el	-3647 Aug 01 j 02:14	4°♌55'37	26°02'18
retrograde	-3647 Aug 13 j 13:53	12°♌03'22	
evening set	-3647 Aug 19 j 21:09	9°♌22'56	
min. Earth dist.	-3647 Aug 24 j 02:06	4°♌48'21	0.66471 AU
inferior conj	-3647 Aug 25 j 09:39	3°♌09'05	-2°05'34
minimum elong	-3647 Aug 25 j 12:31	3°♌00'03	2°04'23
	-3647 Aug 28 j 00:48	30℞♋	
morning rise	-3647 Aug 31 j 04:02	27°♋15'56	
asc. node	-3647 Aug 31 j 20:15	26°♋53'35	
direct	-3647 Sep 03 j 09:06	26°♋16'33	
	-3647 Sep 10 j 03:19	0°♌	
morning max el	-3647 Sep 10 j 08:39	0°♌13'28	19°04'55
	-3647 Sep 30 j 22:52	0°♍	
morning set	-3647 Oct 02 j 18:45	2°♍52'42	
desc. node	-3647 Oct 13 j 01:38	19°♍03'30	
max. Earth dist.	-3647 Oct 17 j 13:41	26°♍08'58	1.44715 AU
superior conj	-3647 Oct 19 j 06:15	28°♍49'12	-0°38'44
minimum elong	-3647 Oct 19 j 01:23	28°♍29'58	0°38'06
	-3647 Oct 20 j 00:09	0°♎	
evening rise	-3647 Nov 03 j 11:35	23°♎15'04	
	-3647 Nov 07 j 14:44	0°♏	
evening max el	-3647 Nov 23 j 18:17	23°♏44'50	18°39'54
asc. node	-3647 Nov 27 j 19:13	26°♏51'16	
retrograde	-3647 Nov 30 j 10:57	27°♏29'43	
evening set	-3647 Dec 03 j 12:08	26°♏37'22	
inferior conj	-3647 Dec 09 j 09:09	20°♏58'17	3°17'57
minimum elong	-3647 Dec 09 j 06:03	21°♏07'32	3°17'08
min. Earth dist.	-3647 Dec 11 j 05:13	18°♏46'45	0.64834 AU
morning rise	-3647 Dec 14 j 23:37	14°♏52'41	
direct	-3647 Dec 21 j 18:00	12°♏01'23	
morning max el	-3646 Jan 04 j 00:08	19°♏39'50	27°06'14
desc. node	-3646 Jan 09 j 01:14	25°♏11'32	
	-3646 Jan 12 j 21:46	0°♐	
	-3646 Feb 01 j 09:16	0°♑	
morning set	-3646 Feb 08 j 13:18	13°♑15'53	
max. Earth dist.	-3646 Feb 13 j 04:32	22°♑29'03	1.34143 AU
superior conj	-3646 Feb 16 j 18:15	29°♑52'45	-1°07'26
minimum elong	-3646 Feb 16 j 21:03	0°♒07'30	1°07'06
	-3646 Feb 16 j 19:37	0°♒	
asc. node	-3646 Feb 23 j 18:30	14°♒41'05	
evening rise	-3646 Feb 24 j 03:14	15°♒26'35	
	-3646 Mar 03 j 13:03	0°♓	
evening max el	-3646 Mar 16 j 16:15	18°♓22'50	21°45'15
retrograde	-3646 Mar 28 j 23:53	24°♓20'04	
evening set	-3646 Mar 31 j 15:16	24°♓04'26	
desc. node	-3646 Apr 07 j 00:12	21°♓39'19	
inferior conj	-3646 Apr 09 j 23:46	20°♓01'14	-0°49'37
minimum elong	-3646 Apr 09 j 21:28	20°♓04'29	0°48'51
min. Earth dist.	-3646 Apr 09 j 20:43	20°♓05'31	0.55164 AU
morning rise	-3646 Apr 19 j 04:25	16°♓00'59	
direct	-3646 Apr 21 j 23:47	15°♓43'32	
morning max el	-3646 May 04 j 05:30	21°♓31'32	21°44'41
	-3646 May 11 j 09:14	0°♈	
asc. node	-3646 May 22 j 18:06	19°♈53'50	
morning set	-3646 May 24 j 21:54	24°♈18'32	
	-3646 May 27 j 15:14	0°♉	
superior conj	-3646 Jun 01 j 06:27	9°♉44'51	1°24'42
minimum elong	-3646 Jun 01 j 03:47	9°♉30'55	1°24'26
max. Earth dist.	-3646 Jun 04 j 19:41	17°♉03'48	1.34872 AU
evening rise	-3646 Jun 09 j 10:39	26°♉12'13	
	-3646 Jun 11 j 10:38	0°♊	
	-3646 Jun 29 j 13:54	0°♋	
desc. node	-3646 Jul 03 j 23:07	6°♋03'48	
evening max el	-3646 Jul 14 j 13:38	18°♋23'31	26°54'41
retrograde	-3646 Jul 27 j 16:45	25°♋43'10	
evening set	-3646 Aug 03 j 12:22	22°♋55'18	
min. Earth dist.	-3646 Aug 07 j 09:45	18°♋59'08	0.65473 AU
inferior conj	-3646 Aug 09 j 06:22	16°♋48'47	-2°53'43
minimum elong	-3646 Aug 09 j 10:02	16°♋38'03	2°52'27
morning rise	-3646 Aug 15 j 08:06	11°♋09'10	
direct	-3646 Aug 18 j 05:58	10°♋22'22	
asc. node	-3646 Aug 18 j 17:22	10°♋23'37	
morning max el	-3646 Aug 24 j 20:33	13°♋59'47	18°24'36
	-3646 Sep 05 j 06:33	0°♌	
morning set	-3646 Sep 13 j 06:26	13°♌01'42	
	-3646 Sep 23 j 18:28	0°♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3646 Sep 28 j 05:58	7°♍07'00	0°10'47
minimum elong	-3646 Sep 28 j 07:22	7°♍12'30	0°10'39
behind sun begin	-3646 Sep 27 j 22:46	6°♍38'31	
behind sun end	-3646 Sep 28 j 15:57	7°♍46'28	
desc. node	-3646 Sep 29 j 22:37	9°♍47'33	
max. Earth dist.	-3646 Sep 30 j 08:08	10°♍25'04	1.44803 AU
	-3646 Oct 12 j 19:18	0°♎	
evening rise	-3646 Oct 14 j 17:33	3°♎01'30	
greatest brilliancy	-3646 Oct 25 j 02:16	19°♎13'16	-0.8m
	-3646 Nov 01 j 08:26	0°♏	
evening max el	-3646 Nov 07 j 03:22	7°♏11'15	19°21'59
retrograde	-3646 Nov 14 j 06:57	11°♏18'49	
asc. node	-3646 Nov 14 j 16:18	11°♏17'57	
evening set	-3646 Nov 17 j 14:55	10°♏14'03	
inferior conj	-3646 Nov 23 j 06:01	4°♏20'08	2°39'08
minimum elong	-3646 Nov 23 j 03:00	4°♏29'47	2°38'07
min. Earth dist.	-3646 Nov 24 j 12:12	2°♏43'20	0.65986 AU
	-3646 Nov 26 j 18:30	30°℞♎	
morning rise	-3646 Nov 28 j 14:51	28°♎08'48	
direct	-3646 Dec 04 j 21:09	25°♎24'43	
	-3646 Dec 14 j 10:00	0°♏	
morning max el	-3646 Dec 17 j 09:49	2°♏46'37	26°06'28
desc. node	-3646 Dec 26 j 22:17	13°♏56'09	
	-3645 Jan 07 j 03:08	0°♐	
morning set	-3645 Jan 22 j 14:28	26°♐16'41	
	-3645 Jan 24 j 14:02	0°♑	
max. Earth dist.	-3645 Jan 26 j 14:36	3°♑53'11	1.35526 AU
superior conj	-3645 Jan 31 j 15:25	13°♑53'56	-1°28'36
minimum elong	-3645 Jan 31 j 18:37	14°♑10'14	1°28'21
evening rise	-3645 Feb 08 j 10:33	29°♑57'12	
	-3645 Feb 08 j 11:05	0°♒	
asc. node	-3645 Feb 10 j 15:32	4°♒25'38	
evening max el	-3645 Feb 26 j 21:26	29°♒40'34	20°24'10
	-3645 Feb 27 j 05:44	0°♓	
retrograde	-3645 Mar 09 j 14:22	4°♓46'09	
evening set	-3645 Mar 11 j 21:22	4°♓33'07	
inferior conj	-3645 Mar 20 j 20:20	0°♓34'40	1°06'28
minimum elong	-3645 Mar 20 j 23:12	0°♓30'25	1°05'26
	-3645 Mar 21 j 19:50	30°℞♒	
min. Earth dist.	-3645 Mar 22 j 10:51	29°♒38'00	0.55437 AU
desc. node	-3645 Mar 24 j 21:19	28°♒16'30	
morning rise	-3645 Mar 29 j 23:30	26°♒13'37	
direct	-3645 Apr 02 j 12:59	25°♒45'58	
	-3645 Apr 13 j 06:24	0°♓	
morning max el	-3645 Apr 16 j 01:12	2°♓23'37	23°21'37
	-3645 May 04 j 19:14	0°♈	
morning set	-3645 May 09 j 09:22	9°♈17'25	
asc. node	-3645 May 09 j 15:08	9°♈47'39	
superior conj	-3645 May 16 j 12:19	24°♈29'54	1°06'08
minimum elong	-3645 May 16 j 09:50	24°♈16'41	1°05'47
max. Earth dist.	-3645 May 18 j 19:37	29°♈23'39	1.33760 AU
	-3645 May 19 j 02:31	0°♉	
evening rise	-3645 May 24 j 02:44	10°♉16'10	
	-3645 Jun 03 j 19:21	0°♊	
desc. node	-3645 Jun 20 j 20:10	24°♊52'32	
	-3645 Jun 25 j 09:55	0°♋	
evening max el	-3645 Jun 27 j 00:29	1°♋36'04	27°22'27
retrograde	-3645 Jul 10 j 14:14	9°♋00'05	
evening set	-3645 Jul 17 j 17:14	6°♋16'02	
min. Earth dist.	-3645 Jul 21 j 08:47	2°♋55'14	0.64088 AU
inferior conj	-3645 Jul 23 j 19:22	0°♋19'30	-3°35'27
minimum elong	-3645 Jul 23 j 23:11	0°♋09'18	3°34'26
	-3645 Jul 24 j 02:41	30°℞♊	
morning rise	-3645 Jul 30 j 05:55	24°♊56'31	
direct	-3645 Aug 01 j 22:48	24°♊19'23	
asc. node	-3645 Aug 05 j 14:29	25°♊26'55	
morning max el	-3645 Aug 08 j 11:12	27°♊45'59	18°01'28
	-3645 Aug 10 j 11:23	0°♋	
morning set	-3645 Aug 25 j 20:49	24°♋27'02	
	-3645 Aug 29 j 02:52	0°♌	
superior conj	-3645 Sep 07 j 19:57	16°♌09'58	0°55'22
minimum elong	-3645 Sep 08 j 01:24	16°♌32'10	0°54'49
max. Earth dist.	-3645 Sep 13 j 00:58	24°♌33'28	1.44173 AU
	-3645 Sep 16 j 11:23	0°♍	
desc. node	-3645 Sep 16 j 19:34	0°♍32'14	
evening rise	-3645 Sep 24 j 03:09	11°♍56'25	
	-3645 Oct 05 j 23:47	0°♎	
evening max el	-3645 Oct 21 j 07:26	20°♎37'32	20°19'17
retrograde	-3645 Oct 29 j 04:16	25°♎15'19	
evening set	-3645 Nov 01 j 21:13	23°♎55'41	
asc. node	-3645 Nov 01 j 13:25	24°♎09'07	
inferior conj	-3645 Nov 07 j 08:10	17°♎50'23	1°53'31
minimum elong	-3645 Nov 07 j 05:46	17°♎58'26	1°52'35
min. Earth dist.	-3645 Nov 08 j 02:06	16°♎50'06	0.66790 AU
morning rise	-3645 Nov 12 j 14:08	11°♎35'44	
direct	-3645 Nov 18 j 05:49	9°♎07'27	
morning max el	-3645 Nov 29 j 18:33	15°♎59'27	24°48'35
	-3645 Dec 11 j 09:10	0°♏	
desc. node	-3645 Dec 13 j 19:17	3°♏20'25	
	-3645 Dec 31 j 01:43	0°♐	
morning set	-3644 Jan 04 j 20:44	8°♐16'10	
max. Earth dist.	-3644 Jan 08 j 14:02	14°♐58'29	1.37318 AU
superior conj	-3644 Jan 15 j 02:29	27°♐19'40	-1°45'11
minimum elong	-3644 Jan 15 j 05:15	27°♐33'10	1°45'07
	-3644 Jan 16 j 11:11	0°♑	
evening rise	-3644 Jan 23 j 12:29	14°♑05'05	
asc. node	-3644 Jan 28 j 12:33	23°♑49'41	
	-3644 Jan 31 j 23:22	0°♒	
evening max el	-3644 Feb 09 j 13:18	11°♒34'21	19°20'34
retrograde	-3644 Feb 18 j 14:56	15°♒53'26	
evening set	-3644 Feb 20 j 22:59	15°♒37'33	
inferior conj	-3644 Feb 29 j 05:22	11°♒29'07	2°40'39
minimum elong	-3644 Feb 29 j 10:20	11°♒20'51	2°39'15
min. Earth dist.	-3644 Mar 03 j 01:53	9°♒35'56	0.56578 AU
morning rise	-3644 Mar 08 j 18:58	6°♒37'41	
desc. node	-3644 Mar 10 j 18:25	6°♒03'41	
direct	-3644 Mar 13 j 13:01	5°♒45'45	
morning max el	-3644 Mar 27 j 16:16	12°♒58'18	24°59'39
	-3644 Apr 09 j 21:09	0°♓	
morning set	-3644 Apr 22 j 21:33	24°♓19'18	
asc. node	-3644 Apr 25 j 12:07	29°♓52'26	
	-3644 Apr 25 j 13:32	0°♈	
superior conj	-3644 Apr 29 j 21:53	9°♈26'18	0°44'33
minimum elong	-3644 Apr 29 j 20:03	9°♈16'18	0°44'13
max. Earth dist.	-3644 May 01 j 03:23	12°♈06'10	1.33017 AU
evening rise	-3644 May 07 j 03:28	24°♈46'39	
	-3644 May 09 j 17:54	0°♉	
	-3644 May 27 j 10:08	0°♊	
desc. node	-3644 Jun 06 j 17:14	12°♊42'58	
evening max el	-3644 Jun 08 j 08:51	14°♊21'30	27°19'57
retrograde	-3644 Jun 22 j 05:33	21°♊44'41	
evening set	-3644 Jun 29 j 08:00	19°♊18'34	
min. Earth dist.	-3644 Jul 02 j 22:06	16°♊24'29	0.62345 AU
inferior conj	-3644 Jul 05 j 21:41	13°♊34'54	-4°06'43
minimum elong	-3644 Jul 06 j 00:36	13°♊27'56	4°06'12
morning rise	-3644 Jul 12 j 18:29	8°♊31'08	
direct	-3644 Jul 15 j 08:25	8°♊01'13	
morning max el	-3644 Jul 22 j 01:52	11°♊25'58	17°56'33
asc. node	-3644 Jul 22 j 11:33	11°♊50'18	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3644 Aug 03 j 12:10	0°♋	
morning set	-3644 Aug 07 j 09:05	6°♋55'22	
superior conj	-3644 Aug 18 j 12:35	26°♋32'23	1°26'51
minimum elong	-3644 Aug 18 j 17:39	26°♋54'02	1°26'32
	-3644 Aug 20 j 13:34	0°♌	
max. Earth dist.	-3644 Aug 25 j 13:42	8°♌17'49	1.42915 AU
evening rise	-3644 Sep 02 j 08:11	20°♌42'07	
desc. node	-3644 Sep 02 j 16:32	21°♌14'45	
	-3644 Sep 08 j 08:55	0°♍	
	-3644 Sep 29 j 14:31	0°♎	
evening max el	-3644 Oct 03 j 05:30	4°♎03'41	21°29'01
retrograde	-3644 Oct 12 j 00:52	9°♎17'14	
evening set	-3644 Oct 16 j 05:03	7°♎40'15	
asc. node	-3644 Oct 18 j 10:31	5°♎30'05	
inferior conj	-3644 Oct 21 j 13:29	1°♎27'02	1°03'26
minimum elong	-3644 Oct 21 j 12:03	1°♎31'56	1°02'50
min. Earth dist.	-3644 Oct 21 j 20:26	1°♎03'06	0.67275 AU
	-3644 Oct 22 j 14:53	30°℞♍	
morning rise	-3644 Oct 26 j 18:53	25°♍11'50	
direct	-3644 Oct 31 j 19:24	23°♍03'58	
morning max el	-3644 Nov 11 j 03:47	29°♍14'47	23°22'33
	-3644 Nov 11 j 21:20	0°♎	
desc. node	-3644 Nov 29 j 16:16	23°♎13'12	
	-3644 Dec 04 j 05:05	0°♏	
morning set	-3644 Dec 16 j 01:57	18°♏58'32	
max. Earth dist.	-3644 Dec 20 j 09:20	26°♏20'19	1.39369 AU
	-3644 Dec 22 j 11:20	0°♐	
superior conj	-3644 Dec 27 j 23:22	9°♐59'27	-1°54'31
minimum elong	-3644 Dec 28 j 00:25	10°♐04'19	1°54'37
evening rise	-3643 Jan 06 j 06:30	27°♐43'59	
	-3643 Jan 07 j 10:45	0°♑	
asc. node	-3643 Jan 14 j 09:34	12°♑46'23	
evening max el	-3643 Jan 22 j 14:30	24°♑01'18	18°36'40
retrograde	-3643 Jan 30 j 09:16	27°♑48'20	
evening set	-3643 Feb 01 j 20:52	27°♑26'37	
inferior conj	-3643 Feb 09 j 10:04	22°♑59'25	3°37'58
minimum elong	-3643 Feb 09 j 13:31	22°♑52'44	3°37'19
min. Earth dist.	-3643 Feb 12 j 19:00	20°♑24'26	0.58328 AU
morning rise	-3643 Feb 17 j 03:47	17°♑41'00	
direct	-3643 Feb 23 j 02:19	16°♑12'32	
desc. node	-3643 Feb 25 j 15:31	16°♑28'40	
morning max el	-3643 Mar 09 j 08:42	23°♑43'16	26°24'01
	-3643 Mar 15 j 01:00	0°♒	
	-3643 Apr 02 j 18:32	0°♓	
morning set	-3643 Apr 07 j 08:48	9°♓18'19	
asc. node	-3643 Apr 12 j 09:05	20°♓03'39	
superior conj	-3643 Apr 14 j 09:19	24°♓27'25	0°20'54
minimum elong	-3643 Apr 14 j 08:24	24°♓22'25	0°20'41
max. Earth dist.	-3643 Apr 14 j 15:49	25°♓02'56	1.32625 AU
	-3643 Apr 16 j 22:16	0°♈	
evening rise	-3643 Apr 21 j 09:59	9°♈34'05	
	-3643 May 02 j 02:30	0°♉	
evening max el	-3643 May 21 j 12:19	26°♉28'35	26°44'28
desc. node	-3643 May 24 j 14:20	29°♉10'22	
	-3643 May 25 j 16:31	0°♊	
retrograde	-3643 Jun 04 j 13:07	3°♊48'03	
evening set	-3643 Jun 11 j 04:23	1°♊53'19	
	-3643 Jun 14 j 00:47	30°℞♉	
min. Earth dist.	-3643 Jun 15 j 01:49	29°♉11'43	0.60359 AU
inferior conj	-3643 Jun 18 j 09:49	26°♉25'59	-4°21'13
minimum elong	-3643 Jun 18 j 10:22	26°♉24'49	4°21'05
morning rise	-3643 Jun 25 j 18:19	21°♉43'31	
direct	-3643 Jun 28 j 06:57	21°♉19'03	
morning max el	-3643 Jul 05 j 13:41	24°♉51'50	18°10'44

asc. node	-3643 Jul 09 j 08:35	29°♉17'35	
	-3643 Jul 09 j 20:50	0°♊	
morning set	-3643 Jul 21 j 13:40	20°♊11'35	
	-3643 Jul 26 j 19:35	0°♋	
superior conj	-3643 Jul 31 j 07:38	8°♋13'18	1°44'02
minimum elong	-3643 Jul 31 j 10:12	8°♋24'50	1°44'03
max. Earth dist.	-3643 Aug 07 j 21:03	21°♋24'28	1.41199 AU
evening rise	-3643 Aug 13 j 04:02	0°♌10'22	
	-3643 Aug 13 j 01:29	0°♌	
desc. node	-3643 Aug 20 j 13:31	11°♌51'08	
	-3643 Sep 01 j 21:33	0°♍	
evening max el	-3643 Sep 15 j 21:48	17°♍29'47	22°47'05
retrograde	-3643 Sep 25 j 19:09	23°♍21'39	
evening set	-3643 Sep 30 j 12:38	21°♍25'27	
asc. node	-3643 Oct 05 j 07:37	15°♍50'40	
inferior conj	-3643 Oct 05 j 20:06	15°♍07'41	0°10'42
minimum elong	-3643 Oct 05 j 19:50	15°♍08'33	0°10'38
transit middle	-3643 Oct 05 j 19:50	15°♍08'33	0°10'38
transit begin	-3643 Oct 05 j 17:47	15°♍15'38	
transit end	-3643 Oct 05 j 21:53	15°♍01'29	
min. Earth dist.	-3643 Oct 05 j 16:42	15°♍19'21	0.67452 AU
morning rise	-3643 Oct 11 j 02:55	8°♍54'53	
direct	-3643 Oct 15 j 12:55	7°♍08'46	
morning max el	-3643 Oct 24 j 16:45	12°♍34'41	21°57'29
	-3643 Nov 07 j 09:51	0°♎	
desc. node	-3643 Nov 16 j 13:14	13°♎26'00	
morning set	-3643 Nov 26 j 02:23	28°♎17'08	
	-3643 Nov 27 j 04:00	0°♏	
max. Earth dist.	-3643 Dec 02 j 08:45	8°♏31'01	1.41406 AU
superior conj	-3643 Dec 10 j 00:50	21°♏39'45	-1°53'08
minimum elong	-3643 Dec 09 j 22:41	21°♏30'14	1°53'11
	-3643 Dec 14 j 16:42	0°♐	
evening rise	-3643 Dec 20 j 13:25	10°♐46'41	
	-3643 Dec 31 j 12:37	0°♑	
asc. node	-3642 Jan 01 j 06:36	1°♑07'06	
evening max el	-3642 Jan 05 j 22:22	6°♑53'26	18°12'49
retrograde	-3642 Jan 12 j 21:43	10°♑24'21	
evening set	-3642 Jan 15 j 12:28	9°♑55'32	
inferior conj	-3642 Jan 22 j 10:52	5°♑06'33	4°00'44
minimum elong	-3642 Jan 22 j 11:33	5°♑05'01	4°00'34
min. Earth dist.	-3642 Jan 25 j 17:12	2°♑12'21	0.60329 AU
	-3642 Jan 28 j 13:38	30°℞♐	
morning rise	-3642 Jan 29 j 09:03	29°♐28'30	
direct	-3642 Feb 05 j 02:46	27°♐21'58	
desc. node	-3642 Feb 12 j 12:35	29°♐39'48	
	-3642 Feb 13 j 01:52	0°♑	
morning max el	-3642 Feb 19 j 06:50	5°♑01'42	27°21'08
	-3642 Mar 09 j 20:15	0°♒	
morning set	-3642 Mar 22 j 17:22	24°♒08'15	
	-3642 Mar 25 j 12:14	0°♓	
max. Earth dist.	-3642 Mar 29 j 05:12	8°♓01'23	1.32568 AU
superior conj	-3642 Mar 29 j 20:57	9°♓27'27	-0°04'00
minimum elong	-3642 Mar 29 j 21:08	9°♓28'27	0°04'01
behind sun begin	-3642 Mar 29 j 16:15	9°♓01'46	
behind sun end	-3642 Mar 30 j 02:01	9°♓55'09	
asc. node	-3642 Mar 30 j 06:04	10°♓17'20	
evening rise	-3642 Apr 05 j 20:00	24°♓30'29	
	-3642 Apr 08 j 11:51	0°♈	
	-3642 Apr 26 j 10:07	0°♉	
evening max el	-3642 May 03 j 09:25	7°♉53'28	25°38'42
desc. node	-3642 May 11 j 11:25	13°♉42'19	
retrograde	-3642 May 17 j 11:14	15°♉06'27	
evening set	-3642 May 23 j 03:16	13°♉50'02	
min. Earth dist.	-3642 May 27 j 21:44	11°♉04'16	0.58338 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3642 May 31 j 04:13	8°♉43'42	-4°09'53
minimum elong	-3642 May 31 j 01:14	8°♉49'06	4°09'29
morning rise	-3642 Jun 08 j 01:55	4°♉22'53	
direct	-3642 Jun 10 j 14:04	4°♉02'49	
morning max el	-3642 Jun 18 j 19:53	7°♉55'58	18°44'54
asc. node	-3642 Jun 26 j 05:38	17°♉35'04	
	-3642 Jul 03 j 03:33	0°♊	
morning set	-3642 Jul 05 j 06:08	4°♊04'37	
superior conj	-3642 Jul 13 j 23:58	20°♊59'18	1°49'05
minimum elong	-3642 Jul 14 j 00:01	20°♊59'33	1°49'13
	-3642 Jul 18 j 20:51	0°♋	
max. Earth dist.	-3642 Jul 20 j 23:57	3°♋48'44	1.39258 AU
evening rise	-3642 Jul 25 j 01:10	10°♋51'13	
	-3642 Aug 05 j 22:16	0°♌	
desc. node	-3642 Aug 07 j 10:32	2°♌17'13	
	-3642 Aug 28 j 11:24	0°♍	
evening max el	-3642 Aug 29 j 10:03	0°♍57'37	24°07'44
retrograde	-3642 Sep 09 j 10:06	7°♍25'46	
evening set	-3642 Sep 14 j 18:15	5°♍10'00	
	-3642 Sep 19 j 05:53	30°℞♌	
min. Earth dist.	-3642 Sep 19 j 12:32	29°♌37'36	0.67322 AU
inferior conj	-3642 Sep 20 j 02:17	28°♌51'01	-0°43'01
minimum elong	-3642 Sep 20 j 03:18	28°♌47'36	0°42'30
asc. node	-3642 Sep 22 j 04:44	26°♌05'27	
morning rise	-3642 Sep 25 j 12:20	22°♌43'33	
direct	-3642 Sep 29 j 09:21	21°♌17'57	
morning max el	-3642 Oct 07 j 12:20	26°♌03'08	20°40'18
	-3642 Oct 11 j 00:16	0°♍	
	-3642 Oct 31 j 21:38	0°♎	
desc. node	-3642 Nov 03 j 10:12	3°♎52'56	
morning set	-3642 Nov 05 j 04:30	6°♎36'48	
max. Earth dist.	-3642 Nov 14 j 15:46	21°♎36'30	1.43133 AU
	-3642 Nov 19 j 18:45	0°♏	
superior conj	-3642 Nov 21 j 01:16	2°♏07'00	-1°37'12
minimum elong	-3642 Nov 20 j 19:22	1°♏42'22	1°36'48
evening rise	-3642 Dec 03 j 05:16	23°♏05'03	
	-3642 Dec 07 j 03:26	0°♐	
asc. node	-3642 Dec 19 j 03:41	18°♐40'43	
evening max el	-3642 Dec 20 j 10:00	20°♐02'32	18°08'37
retrograde	-3642 Dec 27 j 00:16	23°♐30'43	
evening set	-3642 Dec 29 j 18:10	22°♐53'56	
inferior conj	-3641 Jan 05 j 04:43	17°♐43'49	3°57'28
minimum elong	-3641 Jan 05 j 03:09	17°♐47'50	3°57'12
min. Earth dist.	-3641 Jan 07 j 23:48	14°♐53'19	0.62285 AU
morning rise	-3641 Jan 11 j 11:10	11°♐51'59	
direct	-3641 Jan 18 j 12:26	9°♐16'26	
desc. node	-3641 Jan 30 j 09:39	15°♐05'21	
morning max el	-3641 Feb 01 j 11:17	17°♐01'07	27°43'02
	-3641 Feb 12 j 07:14	0°♑	
	-3641 Mar 02 j 11:31	0°♒	
morning set	-3641 Mar 06 j 21:08	8°♒40'31	
max. Earth dist.	-3641 Mar 12 j 15:29	20°♒45'35	1.32862 AU
superior conj	-3641 Mar 14 j 07:05	24°♒19'20	-0°29'15
minimum elong	-3641 Mar 14 j 08:24	24°♒26'29	0°29'04
	-3641 Mar 16 j 21:50	0°♓	
asc. node	-3641 Mar 17 j 03:04	0°♓28'24	
evening rise	-3641 Mar 21 j 07:33	9°♓27'31	
	-3641 Apr 01 j 00:36	0°♈	
evening max el	-3641 Apr 15 j 01:37	18°♈44'28	24°11'50
desc. node	-3641 Apr 28 j 08:31	25°♈41'25	
retrograde	-3641 Apr 28 j 21:59	25°♈42'08	
evening set	-3641 May 03 j 06:07	25°♈00'03	
min. Earth dist.	-3641 May 09 j 13:15	21°♈55'32	0.56581 AU
inferior conj	-3641 May 12 j 02:31	20°♈19'37	-3°22'19
minimum elong	-3641 May 11 j 20:41	20°♈28'49	3°20'58
morning rise	-3641 May 20 j 14:22	16°♈16'26	
direct	-3641 May 23 j 02:09	15°♈59'53	
morning max el	-3641 Jun 01 j 17:41	20°♈28'20	19°39'35
	-3641 Jun 09 j 06:37	0°♉	
asc. node	-3641 Jun 13 j 02:40	6°♉30'20	
morning set	-3641 Jun 19 j 07:00	18°♉24'50	
	-3641 Jun 25 j 00:54	0°♊	
superior conj	-3641 Jun 27 j 07:56	4°♊33'57	1°44'46
minimum elong	-3641 Jun 27 j 06:16	4°♊25'43	1°44'48
max. Earth dist.	-3641 Jul 03 j 02:25	15°♊40'34	1.37345 AU
evening rise	-3641 Jul 06 j 23:20	22°♊46'02	
	-3641 Jul 11 j 02:26	0°♋	
desc. node	-3641 Jul 25 j 07:33	22°♋27'30	
	-3641 Jul 30 j 16:46	0°♌	
evening max el	-3641 Aug 11 j 20:42	14°♌28'06	25°23'50
retrograde	-3641 Aug 23 j 20:58	21°♌25'13	
evening set	-3641 Aug 29 j 20:03	18°♌52'12	
min. Earth dist.	-3641 Sep 03 j 05:34	13°♌55'58	0.66872 AU
inferior conj	-3641 Sep 04 j 06:21	12°♌35'20	-1°36'04
minimum elong	-3641 Sep 04 j 08:36	12°♌28'03	1°35'04
asc. node	-3641 Sep 09 j 01:51	7°♌11'46	
morning rise	-3641 Sep 09 j 21:15	6°♌36'09	
direct	-3641 Sep 13 j 07:23	5°♌28'18	
morning max el	-3641 Sep 20 j 15:16	9°♌40'39	19°35'30
	-3641 Oct 05 j 11:54	0°♍	
morning set	-3641 Oct 15 j 04:51	14°♍58'51	
desc. node	-3641 Oct 21 j 07:11	24°♍29'31	
	-3641 Oct 24 j 19:24	0°♎	
max. Earth dist.	-3641 Oct 28 j 05:03	5°♎22'33	1.44321 AU
superior conj	-3641 Oct 31 j 22:20	11°♎18'25	-1°04'22
minimum elong	-3641 Oct 31 j 15:28	10°♎50'52	1°03'36
	-3641 Nov 12 j 08:52	0°♏	
evening rise	-3641 Nov 15 j 01:27	4°♏29'54	
	-3641 Dec 01 j 01:30	0°♐	
evening max el	-3641 Dec 03 j 22:40	3°♐22'28	18°23'19
asc. node	-3641 Dec 06 j 00:47	5°♐13'59	
retrograde	-3641 Dec 10 j 12:27	6°♐58'44	
evening set	-3641 Dec 13 j 10:25	6°♐12'45	
inferior conj	-3641 Dec 19 j 11:45	0°♐43'37	3°36'08
minimum elong	-3641 Dec 19 j 08:57	0°♐51'35	3°35'31
	-3641 Dec 20 j 03:02	30°℞♏	
min. Earth dist.	-3641 Dec 21 j 16:23	28°♏14'21	0.63996 AU
morning rise	-3641 Dec 25 j 06:55	24°♏42'03	
direct	-3640 Jan 01 j 05:56	21°♏51'57	
morning max el	-3640 Jan 14 j 19:45	29°♏35'57	27°28'54
	-3640 Jan 15 j 05:22	0°♐	
desc. node	-3640 Jan 17 j 06:43	2°♐09'43	
	-3640 Feb 06 j 04:36	0°♑	
morning set	-3640 Feb 18 j 17:28	22°♑46'26	
	-3640 Feb 22 j 07:27	0°♒	
max. Earth dist.	-3640 Feb 23 j 18:35	3°♒02'04	1.33551 AU
superior conj	-3640 Feb 26 j 13:57	8°♒57'14	-0°53'57
minimum elong	-3640 Feb 26 j 16:18	9°♒09'43	0°53'38
asc. node	-3640 Mar 03 j 00:05	20°♒32'54	
evening rise	-3640 Mar 04 j 18:53	24°♒19'04	
	-3640 Mar 07 j 13:03	0°♓	
evening max el	-3640 Mar 26 j 18:25	29°♓26'32	22°37'31
	-3640 Mar 27 j 08:44	0°♈	
retrograde	-3640 Apr 08 j 20:21	5°♈50'54	
evening set	-3640 Apr 11 j 22:41	5°♈29'51	
desc. node	-3640 Apr 14 j 05:38	4°♈49'11	
min. Earth dist.	-3640 Apr 20 j 03:32	1°♈54'48	0.55437 AU
inferior conj	-3640 Apr 21 j 06:45	1°♈15'49	-1°54'14

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3640 Apr 21 j 01:52	1°♈22'49	1°52'41
	-3640 Apr 23 j 12:41	30°℞♓	
morning rise	-3640 Apr 30 j 07:01	27°♓18'56	
direct	-3640 May 02 j 21:09	27°♓03'21	
	-3640 May 11 j 07:50	0°♈	
morning max el	-3640 May 14 j 05:00	2°♈21'03	20°54'02
asc. node	-3640 May 29 j 23:42	25°♈54'04	
	-3640 Jun 01 j 01:14	0°♉	
morning set	-3640 Jun 02 j 13:37	3°♉05'08	
superior conj	-3640 Jun 10 j 02:59	18°♉43'59	1°33'32
minimum elong	-3640 Jun 10 j 00:28	18°♉31'04	1°33'24
max. Earth dist.	-3640 Jun 14 j 10:53	27°♉27'19	1.35677 AU
	-3640 Jun 15 j 18:04	0°♊	
evening rise	-3640 Jun 18 j 17:48	5°♊42'52	
	-3640 Jul 02 j 21:07	0°♋	
desc. node	-3640 Jul 11 j 04:36	12°♋14'38	
evening max el	-3640 Jul 24 j 07:45	27°♋58'57	26°27'15
	-3640 Jul 26 j 12:19	0°♌	
retrograde	-3640 Aug 06 j 03:02	5°♌13'48	
evening set	-3640 Aug 12 j 15:51	2°♌29'04	
	-3640 Aug 15 j 03:58	30°℞♋	
min. Earth dist.	-3640 Aug 16 j 17:24	28°♋10'48	0.66082 AU
inferior conj	-3640 Aug 18 j 06:22	26°♋17'41	-2°26'38
minimum elong	-3640 Aug 18 j 09:38	26°♋07'42	2°25'23
morning rise	-3640 Aug 24 j 03:41	20°♋29'51	
asc. node	-3640 Aug 25 j 22:59	19°♋45'25	
direct	-3640 Aug 27 j 05:18	19°♋36'21	
morning max el	-3640 Sep 03 j 00:24	23°♋24'21	18°45'42
	-3640 Sep 08 j 08:32	0°♌	
morning set	-3640 Sep 24 j 00:43	24°♌21'02	
	-3640 Sep 27 j 13:46	0°♍	
desc. node	-3640 Oct 07 j 04:09	15°♍11'32	
superior conj	-3640 Oct 10 j 00:05	19°♍39'08	-0°17'57
minimum elong	-3640 Oct 09 j 21:43	19°♍29'50	0°17'36
max. Earth dist.	-3640 Oct 09 j 22:04	19°♍31'12	1.44834 AU
	-3640 Oct 16 j 13:30	0°♎	
evening rise	-3640 Oct 25 j 21:38	14°♎51'46	
	-3640 Nov 04 j 08:52	0°♏	
evening max el	-3640 Nov 16 j 09:46	16°♏47'26	18°55'52
asc. node	-3640 Nov 21 j 21:54	20°♏30'46	
retrograde	-3640 Nov 23 j 06:20	20°♏40'58	
evening set	-3640 Nov 26 j 10:06	19°♏43'46	
inferior conj	-3640 Dec 02 j 04:23	13°♏58'17	3°02'30
minimum elong	-3640 Dec 02 j 01:15	14°♏07'58	3°01'34
min. Earth dist.	-3640 Dec 03 j 18:29	12°♏00'43	0.65368 AU
morning rise	-3640 Dec 07 j 16:04	7°♏49'54	
direct	-3640 Dec 14 j 05:53	4°♏59'58	
morning max el	-3640 Dec 27 j 05:20	12°♏33'22	26°43'32
desc. node	-3639 Jan 03 j 03:46	20°♏23'34	
	-3639 Jan 10 j 07:55	0°♐	
	-3639 Jan 28 j 18:36	0°♑	
morning set	-3639 Feb 01 j 02:52	6°♑14'27	
max. Earth dist.	-3639 Feb 05 j 11:03	14°♑42'51	1.34676 AU
superior conj	-3639 Feb 09 j 15:23	23°♑13'58	-1°16'51
minimum elong	-3639 Feb 09 j 18:27	23°♑29'47	1°16'31
	-3639 Feb 12 j 21:10	0°♒	
evening rise	-3639 Feb 17 j 04:11	8°♒58'44	
asc. node	-3639 Feb 17 j 21:07	10°♒26'05	
	-3639 Feb 28 j 11:29	0°♓	
evening max el	-3639 Mar 08 j 18:05	10°♓26'35	21°08'54
retrograde	-3639 Mar 20 j 10:04	16°♓01'32	
evening set	-3639 Mar 22 j 20:09	15°♓48'00	
inferior conj	-3639 Apr 01 j 02:03	11°♓49'25	0°00'28
minimum elong	-3639 Apr 01 j 02:04	11°♓49'23	0°00'25
transit middle	-3639 Apr 01 j 02:04	11°♓49'23	0°00'25
transit begin	-3639 Mar 31 j 21:58	11°♓55'12	
transit end	-3639 Apr 01 j 06:10	11°♓43'35	
desc. node	-3639 Apr 01 j 02:43	11°♓48'28	
min. Earth dist.	-3639 Apr 01 j 17:38	11°♓27'21	0.55167 AU
morning rise	-3639 Apr 10 j 07:34	7°♓41'56	
direct	-3639 Apr 13 j 09:12	7°♓21'22	
morning max el	-3639 Apr 26 j 05:33	13°♓32'19	22°24'52
	-3639 May 08 j 14:27	0°♈	
asc. node	-3639 May 16 j 20:43	15°♈38'52	
morning set	-3639 May 17 j 23:53	17°♈59'22	
	-3639 May 23 j 16:06	0°♉	
superior conj	-3639 May 25 j 05:41	3°♉19'03	1°17'15
minimum elong	-3639 May 25 j 03:02	3°♉05'03	1°16'57
max. Earth dist.	-3639 May 28 j 05:25	9°♉33'53	1.34356 AU
evening rise	-3639 Jun 02 j 03:20	19°♉26'55	
	-3639 Jun 07 j 17:57	0°♊	
	-3639 Jun 26 j 22:13	0°♋	
desc. node	-3639 Jun 28 j 01:38	1°♋28'55	
evening max el	-3639 Jul 06 j 19:20	11°♋22'52	27°10'01
retrograde	-3639 Jul 20 j 03:42	18°♋44'55	
evening set	-3639 Jul 27 j 03:03	15°♋57'29	
min. Earth dist.	-3639 Jul 30 j 21:45	12°♋16'41	0.64926 AU
inferior conj	-3639 Aug 02 j 00:08	9°♋54'49	-3°12'26
minimum elong	-3639 Aug 02 j 03:59	9°♋43'59	3°11'14
morning rise	-3639 Aug 08 j 05:25	4°♋21'34	
direct	-3639 Aug 11 j 00:54	3°♋39'10	
asc. node	-3639 Aug 12 j 20:04	3°♋56'27	
morning max el	-3639 Aug 17 j 13:43	7°♋11'08	18°12'32
	-3639 Sep 01 j 23:15	0°♌	
morning set	-3639 Sep 05 j 00:13	5°♌04'08	
superior conj	-3639 Sep 19 j 03:23	28°♌09'09	0°30'58
minimum elong	-3639 Sep 19 j 07:04	28°♌23'51	0°30'33
	-3639 Sep 20 j 07:12	0°♍	
max. Earth dist.	-3639 Sep 22 j 16:13	3°♍46'17	1.44623 AU
desc. node	-3639 Sep 24 j 01:07	5°♍56'14	
evening rise	-3639 Oct 05 j 17:42	24°♍12'56	
	-3639 Oct 09 j 11:12	0°♎	
greatest brilliancy	-3639 Oct 18 j 04:42	13°♎23'09	-0.7m
	-3639 Oct 30 j 11:32	0°♏	
evening max el	-3639 Oct 30 j 16:59	0°♏14'13	19°44'42
retrograde	-3639 Nov 07 j 03:02	4°♏33'18	
asc. node	-3639 Nov 08 j 19:00	4°♏17'14	
evening set	-3639 Nov 10 j 14:37	3°♏22'29	
	-3639 Nov 14 j 02:30	30°℞♎	
inferior conj	-3639 Nov 16 j 03:45	27°♎23'31	2°20'27
minimum elong	-3639 Nov 16 j 00:57	27°♎32'42	2°19'25
min. Earth dist.	-3639 Nov 17 j 04:34	26°♎02'11	0.66376 AU
morning rise	-3639 Nov 21 j 11:04	21°♎10'41	
direct	-3639 Nov 27 j 11:30	18°♎32'24	
morning max el	-3639 Dec 09 j 14:21	25°♎42'31	25°34'55
	-3639 Dec 13 j 13:20	0°♏	
desc. node	-3639 Dec 21 j 00:48	9°♏26'29	
	-3638 Jan 03 j 20:47	0°♐	
morning set	-3638 Jan 14 j 20:41	18°♐50'42	
max. Earth dist.	-3638 Jan 18 j 15:59	25°♐54'53	1.36247 AU
	-3638 Jan 20 j 19:07	0°♑	
superior conj	-3638 Jan 24 j 08:42	7°♑01'22	-1°36'21
minimum elong	-3638 Jan 24 j 11:51	7°♑17'06	1°36'09
evening rise	-3638 Feb 01 j 09:28	23°♑20'25	
asc. node	-3638 Feb 04 j 18:08	0°♒02'42	
	-3638 Feb 04 j 17:35	0°♒	
evening max el	-3638 Feb 19 j 03:54	21°♒59'44	19°54'46
retrograde	-3638 Mar 01 j 03:07	26°♒43'43	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3638 Mar 03 j 10:10	26°♒29'48	
inferior conj	-3638 Mar 12 j 02:29	22°♒28'37	1°50'31
minimum elong	-3638 Mar 12 j 06:46	22°♒22'00	1°49'06
min. Earth dist.	-3638 Mar 14 j 07:46	21°♒06'58	0.55832 AU
desc. node	-3638 Mar 18 j 23:51	18°♒39'35	
morning rise	-3638 Mar 21 j 01:12	17°♒55'24	
direct	-3638 Mar 25 j 02:21	17°♒19'09	
morning max el	-3638 Apr 07 j 22:20	24°♒13'10	24°04'01
	-3638 Apr 13 j 04:20	0°♓	
	-3638 May 01 j 01:08	0°♈	
morning set	-3638 May 02 j 11:52	3°♈00'31	
asc. node	-3638 May 03 j 17:41	5°♈37'59	
superior conj	-3638 May 09 j 13:21	18°♈09'47	0°57'18
minimum elong	-3638 May 09 j 11:06	17°♈57'39	0°56'56
max. Earth dist.	-3638 May 11 j 09:18	22°♈05'35	1.33405 AU
	-3638 May 15 j 03:37	0°♉	
evening rise	-3638 May 16 j 23:31	3°♉43'44	
	-3638 May 31 j 12:08	0°♊	
desc. node	-3638 Jun 14 j 22:41	19°♊55'32	
evening max el	-3638 Jun 19 j 05:35	24°♊26'06	27°25'20
	-3638 Jun 26 j 12:39	0°♋	
retrograde	-3638 Jul 02 j 22:20	1°♋49'13	
	-3638 Jul 08 j 21:22	30°℞♊	
evening set	-3638 Jul 10 j 02:21	29°♊11'14	
min. Earth dist.	-3638 Jul 13 j 16:40	26°♊03'10	0.63392 AU
inferior conj	-3638 Jul 16 j 08:58	23°♊20'07	-3°50'18
minimum elong	-3638 Jul 16 j 12:34	23°♊10'57	3°49'29
morning rise	-3638 Jul 22 j 23:42	18°♊04'49	
direct	-3638 Jul 25 j 15:13	17°♊30'52	
asc. node	-3638 Jul 30 j 17:07	19°♊35'41	
morning max el	-3638 Aug 01 j 04:39	20°♊55'15	17°57'05
	-3638 Aug 08 j 01:06	0°♋	
morning set	-3638 Aug 18 j 00:37	16°♋58'24	
	-3638 Aug 25 j 13:33	0°♌	
superior conj	-3638 Aug 30 j 04:00	7°♌43'42	1°10'32
minimum elong	-3638 Aug 30 j 09:44	8°♌07'30	1°10'02
max. Earth dist.	-3638 Sep 05 j 08:05	17°♌48'14	1.43713 AU
desc. node	-3638 Sep 10 j 22:04	26°♌40'20	
	-3638 Sep 13 j 01:08	0°♍	
evening rise	-3638 Sep 14 j 22:55	2°♍57'39	
	-3638 Oct 03 j 00:42	0°♎	
evening max el	-3638 Oct 13 j 18:34	13°♎40'28	20°47'39
retrograde	-3638 Oct 22 j 00:13	18°♎32'36	
evening set	-3638 Oct 25 j 21:48	17°♎05'38	
asc. node	-3638 Oct 26 j 16:06	16°♎28'11	
inferior conj	-3638 Oct 31 j 07:29	10°♎56'29	1°32'41
minimum elong	-3638 Oct 31 j 05:28	11°♎03'21	1°31'52
min. Earth dist.	-3638 Oct 31 j 20:32	10°♎12'03	0.67036 AU
morning rise	-3638 Nov 05 j 12:57	4°♎41'31	
direct	-3638 Nov 10 j 22:09	2°♎21'48	
morning max el	-3638 Nov 21 j 23:04	8°♎56'41	24°12'31
desc. node	-3638 Dec 07 j 21:48	29°♎04'11	
	-3638 Dec 08 j 13:20	0°♏	
morning set	-3638 Dec 27 j 17:04	0°♐19'22	
	-3638 Dec 27 j 12:35	0°♐	
max. Earth dist.	-3638 Dec 31 j 13:10	7°♐05'01	1.38172 AU
superior conj	-3637 Jan 07 j 14:20	20°♐09'26	-1°50'13
minimum elong	-3637 Jan 07 j 16:33	20°♐20'03	1°50'14
	-3637 Jan 12 j 15:47	0°♑	
evening rise	-3637 Jan 16 j 08:26	7°♑17'31	
asc. node	-3637 Jan 22 j 15:10	19°♑16'37	
	-3637 Jan 29 j 09:06	0°♒	
evening max el	-3637 Feb 01 j 23:58	4°♒08'36	18°59'25
retrograde	-3637 Feb 10 j 11:13	8°♒12'31	
evening set	-3637 Feb 12 j 20:43	7°♒54'21	
inferior conj	-3637 Feb 20 j 19:33	3°♒38'13	3°09'36
minimum elong	-3637 Feb 21 j 00:12	3°♒29'58	3°08'29
min. Earth dist.	-3637 Feb 23 j 23:15	1°♒25'10	0.57264 AU
	-3637 Feb 26 j 04:53	30°℞♑	
morning rise	-3637 Mar 01 j 01:03	28°♑34'32	
desc. node	-3637 Mar 05 j 20:56	27°♑28'56	
direct	-3637 Mar 06 j 07:39	27°♑28'27	
	-3637 Mar 14 j 10:30	0°♒	
morning max el	-3637 Mar 20 j 13:27	4°♒49'51	25°38'10
	-3637 Apr 07 j 17:23	0°♓	
morning set	-3637 Apr 16 j 23:54	18°♓02'44	
asc. node	-3637 Apr 20 j 14:41	25°♓46'34	
	-3637 Apr 22 j 13:15	0°♈	
superior conj	-3637 Apr 23 j 23:58	3°♈09'24	0°34'44
minimum elong	-3637 Apr 23 j 22:29	3°♈01'21	0°34'26
max. Earth dist.	-3637 Apr 24 j 19:40	4°♈56'46	1.32812 AU
evening rise	-3637 May 01 j 03:02	18°♈22'49	
	-3637 May 07 j 00:12	0°♉	
	-3637 May 26 j 04:28	0°♊	
evening max el	-3637 Jun 01 j 12:00	6°♊55'52	27°08'41
desc. node	-3637 Jun 01 j 19:45	7°♊14'13	
retrograde	-3637 Jun 15 j 10:24	14°♊17'38	
evening set	-3637 Jun 22 j 09:48	12°♊03'07	
min. Earth dist.	-3637 Jun 26 j 01:31	9°♊16'41	0.61529 AU
inferior conj	-3637 Jun 29 j 05:40	6°♊26'07	-4°15'23
minimum elong	-3637 Jun 29 j 07:47	6°♊21'22	4°15'04
morning rise	-3637 Jul 06 j 07:19	1°♊31'31	
direct	-3637 Jul 08 j 20:38	1°♊04'02	
morning max el	-3637 Jul 15 j 18:30	4°♊30'27	18°00'12
asc. node	-3637 Jul 17 j 14:10	6°♊28'07	
morning set	-3637 Jul 31 j 20:24	29°♊48'32	
	-3637 Jul 31 j 22:54	0°♋	
superior conj	-3637 Aug 11 j 08:22	18°♋41'06	1°35'49
minimum elong	-3637 Aug 11 j 12:29	18°♋59'01	1°35'39
	-3637 Aug 17 j 23:49	0°♌	
max. Earth dist.	-3637 Aug 18 j 18:45	1°♌18'30	1.42228 AU
evening rise	-3637 Aug 25 j 08:07	11°♌55'20	
desc. node	-3637 Aug 28 j 19:02	17°♌20'35	
	-3637 Sep 06 j 03:16	0°♍	
evening max el	-3637 Sep 26 j 13:55	27°♍05'45	22°01'30
	-3637 Sep 29 j 18:55	0°♎	
retrograde	-3637 Oct 05 j 20:06	2°♎35'57	
evening set	-3637 Oct 10 j 05:44	0°♎50'47	
	-3637 Oct 11 j 04:33	30°℞♍	
asc. node	-3637 Oct 13 j 13:12	27°♍18'05	
inferior conj	-3637 Oct 15 j 13:33	24°♍34'56	0°41'15
minimum elong	-3637 Oct 15 j 12:36	24°♍38'12	0°40'52
min. Earth dist.	-3637 Oct 15 j 15:58	24°♍26'32	0.67382 AU
morning rise	-3637 Oct 20 j 19:20	18°♍20'25	
direct	-3637 Oct 25 j 13:23	16°♍22'05	
morning max el	-3637 Nov 04 j 09:38	22°♍14'07	22°45'49
	-3637 Nov 11 j 02:25	0°♎	
desc. node	-3637 Nov 24 j 18:46	19°♎06'11	
	-3637 Dec 01 j 22:00	0°♏	
morning set	-3637 Dec 08 j 10:08	10°♏25'46	
max. Earth dist.	-3637 Dec 13 j 09:33	18°♏45'35	1.40248 AU
	-3637 Dec 19 j 19:29	0°♐	
superior conj	-3637 Dec 21 j 03:36	2°♐25'07	-1°55'28
minimum elong	-3637 Dec 21 j 03:27	2°♐24'27	1°55'36
evening rise	-3637 Dec 30 j 22:10	20°♐41'58	
	-3636 Jan 04 j 21:22	0°♑	
asc. node	-3636 Jan 09 j 12:13	7°♑59'23	
evening max el	-3636 Jan 16 j 04:17	16°♑46'53	18°24'07

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3636 Jan 23 j 13:42	20°♑25'38	
evening set	-3636 Jan 26 j 02:30	20°♑01'10	
inferior conj	-3636 Feb 02 j 09:04	15°♑24'54	3°51'21
minimum elong	-3636 Feb 02 j 11:22	15°♑20'09	3°50'59
min. Earth dist.	-3636 Feb 05 j 18:22	12°♑38'34	0.59159 AU
morning rise	-3636 Feb 09 j 18:05	9°♑56'51	
direct	-3636 Feb 16 j 01:58	8°♑11'41	
desc. node	-3636 Feb 20 j 18:02	9°♑06'26	
morning max el	-3636 Mar 01 j 08:15	15°♑47'51	26°52'18
	-3636 Mar 12 j 22:05	0°♒	
	-3636 Mar 29 j 23:37	0°♓	
morning set	-3636 Mar 31 j 10:16	2°♓58'53	
asc. node	-3636 Apr 06 j 11:41	15°♓59'29	
superior conj	-3636 Apr 07 j 11:42	18°♓10'54	0°10'28
minimum elong	-3636 Apr 07 j 11:14	18°♓08'22	0°10'20
behind sun begin	-3636 Apr 07 j 07:26	17°♓47'33	
behind sun end	-3636 Apr 07 j 15:02	18°♓29'12	
max. Earth dist.	-3636 Apr 07 j 08:51	17°♓55'23	1.32555 AU
	-3636 Apr 12 j 22:23	0°♈	
evening rise	-3636 Apr 14 j 11:17	3°♈14'45	
	-3636 Apr 28 j 22:30	0°♉	
evening max el	-3636 May 13 j 12:36	18°♉44'17	26°19'43
desc. node	-3636 May 18 j 16:49	22°♉57'01	
retrograde	-3636 May 27 j 14:35	26°♉02'29	
evening set	-3636 Jun 02 j 21:20	24°♉23'30	
min. Earth dist.	-3636 Jun 07 j 01:37	21°♉42'09	0.59486 AU
inferior conj	-3636 Jun 10 j 10:40	19°♉04'09	-4°20'13
minimum elong	-3636 Jun 10 j 09:49	19°♉05'50	4°20'05
morning rise	-3636 Jun 18 j 00:40	14°♉31'18	
direct	-3636 Jun 20 j 12:53	14°♉08'58	
morning max el	-3636 Jun 28 j 04:22	17°♉48'50	18°22'48
asc. node	-3636 Jul 03 j 11:13	24°♉18'36	
	-3636 Jul 07 j 00:16	0°♊	
morning set	-3636 Jul 14 j 06:32	13°♊21'41	
	-3636 Jul 23 j 01:54	0°♋	
superior conj	-3636 Jul 23 j 13:15	0°♋52'16	1°47'30
minimum elong	-3636 Jul 23 j 14:41	0°♋58'50	1°47'35
max. Earth dist.	-3636 Jul 30 j 23:24	14°♋05'14	1.40381 AU
evening rise	-3636 Aug 04 j 14:13	21°♋53'06	
	-3636 Aug 09 j 14:22	0°♌	
desc. node	-3636 Aug 14 j 16:02	7°♌53'21	
	-3636 Aug 30 j 04:43	0°♍	
evening max el	-3636 Sep 08 j 04:07	10°♍32'25	23°21'30
retrograde	-3636 Sep 18 j 13:14	16°♍41'03	
evening set	-3636 Sep 23 j 12:43	14°♍36'33	
inferior conj	-3636 Sep 28 j 20:13	8°♍17'40	-0°12'04
minimum elong	-3636 Sep 28 j 20:30	8°♍16'42	0°11'53
transit middle	-3636 Sep 28 j 20:30	8°♍16'42	0°11'53
transit begin	-3636 Sep 28 j 18:39	8°♍23'05	
transit end	-3636 Sep 28 j 22:21	8°♍10'20	
min. Earth dist.	-3636 Sep 28 j 12:29	8°♍44'13	0.67428 AU
asc. node	-3636 Sep 29 j 10:17	7°♍29'29	
morning rise	-3636 Oct 04 j 04:11	2°♍06'30	
direct	-3636 Oct 08 j 08:21	0°♍29'24	
morning max el	-3636 Oct 17 j 01:11	5°♍37'48	21°23'19
	-3636 Nov 04 j 09:23	0°♎	
desc. node	-3636 Nov 10 j 15:46	9°♎25'55	
morning set	-3636 Nov 16 j 23:23	19°♎14'04	
	-3636 Nov 23 j 16:25	0°♏	
max. Earth dist.	-3636 Nov 24 j 11:28	1°♏18'03	1.42191 AU
superior conj	-3636 Dec 01 j 19:02	13°♏35'50	-1°48'22
minimum elong	-3636 Dec 01 j 15:13	13°♏19'24	1°48'16
	-3636 Dec 11 j 01:34	0°♐	
evening rise	-3636 Dec 12 j 23:12	3°♐26'47	
asc. node	-3636 Dec 26 j 09:17	26°♐01'40	
evening max el	-3636 Dec 29 j 14:08	29°♐47'17	18°08'42
	-3636 Dec 29 j 19:20	0°♑	
retrograde	-3635 Jan 05 j 08:29	3°♑15'22	
evening set	-3635 Jan 08 j 00:30	2°♑43'21	
	-3635 Jan 12 j 06:17	30°℞♐	
inferior conj	-3635 Jan 14 j 17:32	27°♐45'33	4°01'57
minimum elong	-3635 Jan 14 j 17:10	27°♐46'28	4°01'49
min. Earth dist.	-3635 Jan 17 j 19:58	24°♐50'01	0.61184 AU
morning rise	-3635 Jan 21 j 08:29	22°♐01'01	
direct	-3635 Jan 28 j 06:57	19°♐40'09	
desc. node	-3635 Feb 06 j 15:08	23°♐18'46	
morning max el	-3635 Feb 11 j 09:03	27°♐23'03	27°34'51
	-3635 Feb 13 j 21:34	0°♑	
	-3635 Mar 06 j 12:06	0°♒	
morning set	-3635 Mar 15 j 17:03	17°♒41'57	
	-3635 Mar 21 j 12:18	0°♓	
max. Earth dist.	-3635 Mar 21 j 21:10	0°♓48'04	1.32644 AU
superior conj	-3635 Mar 22 j 22:54	3°♓08'12	-0°14'42
minimum elong	-3635 Mar 22 j 23:34	3°♓11'50	0°14'38
behind sun begin	-3635 Mar 22 j 21:39	3°♓01'21	
behind sun end	-3635 Mar 23 j 01:30	3°♓22'18	
asc. node	-3635 Mar 24 j 08:42	6°♓12'35	
evening rise	-3635 Mar 29 j 22:10	18°♓12'01	
	-3635 Apr 04 j 18:42	0°♈	
	-3635 Apr 25 j 10:11	0°♉	
evening max el	-3635 Apr 25 j 07:17	29°♈53'05	25°03'40
desc. node	-3635 May 05 j 13:56	6°♉28'13	
retrograde	-3635 May 09 j 08:20	7°♉01'15	
evening set	-3635 May 14 j 11:05	6°♉00'58	
min. Earth dist.	-3635 May 19 j 19:34	3°♉08'27	0.57532 AU
inferior conj	-3635 May 22 j 20:40	1°♉04'58	-3°54'42
minimum elong	-3635 May 22 j 16:12	1°♉12'35	3°53'56
	-3635 May 24 j 11:34	30°℞♈	
morning rise	-3635 May 31 j 00:19	26°♈52'13	
direct	-3635 Jun 02 j 12:06	26°♈33'53	
	-3635 Jun 10 j 13:08	0°♉	
morning max el	-3635 Jun 11 j 07:18	0°♉40'42	19°05'37
asc. node	-3635 Jun 20 j 08:16	12°♉53'38	
morning set	-3635 Jun 28 j 02:58	27°♉27'27	
	-3635 Jun 29 j 09:49	0°♊	
superior conj	-3635 Jul 06 j 12:51	14°♊00'41	1°48'14
minimum elong	-3635 Jul 06 j 12:04	13°♊56'54	1°48'21
max. Earth dist.	-3635 Jul 13 j 01:12	26°♊12'33	1.38427 AU
	-3635 Jul 15 j 03:55	0°♋	
evening rise	-3635 Jul 16 j 22:28	3°♋06'59	
desc. node	-3635 Aug 01 j 13:02	28°♋13'33	
	-3635 Aug 02 j 17:55	0°♌	
evening max el	-3635 Aug 21 j 15:32	24°♌02'07	24°41'14
	-3635 Aug 29 j 17:22	0°♍	
retrograde	-3635 Sep 02 j 02:30	0°♍43'36	
	-3635 Sep 05 j 05:46	30°℞♌	
evening set	-3635 Sep 07 j 16:56	28°♌20'23	
min. Earth dist.	-3635 Sep 12 j 07:30	23°♌02'51	0.67171 AU
inferior conj	-3635 Sep 13 j 01:45	22°♌01'59	-1°05'41
minimum elong	-3635 Sep 13 j 03:17	21°♌56'49	1°04'57
asc. node	-3635 Sep 16 j 07:25	18°♌00'12	
morning rise	-3635 Sep 18 j 13:38	15°♌57'25	
direct	-3635 Sep 22 j 05:48	14°♌39'34	
morning max el	-3635 Sep 29 j 23:47	19°♌09'42	20°10'56
	-3635 Oct 08 j 15:02	0°♍	
morning set	-3635 Oct 26 j 21:36	27°♍25'29	
desc. node	-3635 Oct 28 j 12:45	29°♍57'25	
	-3635 Oct 28 j 13:25	0°♎	
max. Earth dist.	-3635 Nov 06 j 21:14	14°♎42'13	1.43720 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3635 Nov 12 j 07:42	23°♎30'18	-1°25'19
minimum elong	-3635 Nov 12 j 00:48	23°♎02'02	1°24'43
	-3635 Nov 16 j 06:02	0°♏	
evening rise	-3635 Nov 25 j 07:11	15°♏23'05	
	-3635 Dec 03 j 20:15	0°♐	
evening max el	-3635 Dec 13 j 02:36	13°♐02'04	18°12'40
asc. node	-3635 Dec 13 j 06:22	13°♐11'30	
retrograde	-3635 Dec 19 j 15:31	16°♐32'03	
evening set	-3635 Dec 22 j 11:06	15°♐51'25	
inferior conj	-3635 Dec 28 j 17:25	10°♐32'59	3°50'13
minimum elong	-3635 Dec 28 j 15:12	10°♐38'56	3°49'48
min. Earth dist.	-3635 Dec 31 j 06:33	7°♐49'54	0.63057 AU
morning rise	-3634 Jan 03 j 18:36	4°♐36'57	
direct	-3634 Jan 10 j 20:08	1°♐53'16	
morning max el	-3634 Jan 24 j 15:17	9°♐37'52	27°41'14
desc. node	-3634 Jan 24 j 12:15	9°♐30'23	
	-3634 Feb 09 j 14:00	0°♑	
	-3634 Feb 26 j 17:07	0°♒	
morning set	-3634 Feb 27 j 18:02	2°♒04'19	
max. Earth dist.	-3634 Mar 05 j 04:52	13°♒22'11	1.33104 AU
superior conj	-3634 Mar 07 j 07:55	17°♒55'22	-0°39'51
minimum elong	-3634 Mar 07 j 09:42	18°♒04'57	0°39'36
asc. node	-3634 Mar 11 j 05:43	26°♒21'49	
	-3634 Mar 12 j 22:23	0°♓	
evening rise	-3634 Mar 14 j 09:52	3°♓08'06	
	-3634 Mar 29 j 04:51	0°♈	
evening max el	-3634 Apr 06 j 23:12	10°♈38'04	23°31'52
retrograde	-3634 Apr 20 j 13:23	17°♈23'12	
desc. node	-3634 Apr 22 j 11:03	17°♈15'07	
evening set	-3634 Apr 24 j 07:52	16°♈52'00	
min. Earth dist.	-3634 May 01 j 10:15	13°♈36'15	0.56001 AU
inferior conj	-3634 May 03 j 10:45	12°♈23'50	-2°49'41
minimum elong	-3634 May 03 j 04:43	12°♈32'53	2°48'02
morning rise	-3634 May 12 j 04:18	8°♈24'58	
direct	-3634 May 14 j 16:43	8°♈09'07	
morning max el	-3634 May 25 j 00:45	12°♈57'09	20°08'55
	-3634 Jun 06 j 02:45	0°♉	
asc. node	-3634 Jun 07 j 05:19	2°♉02'41	
morning set	-3634 Jun 12 j 06:39	11°♉57'59	
superior conj	-3634 Jun 20 j 02:03	27°♉52'22	1°40'43
minimum elong	-3634 Jun 19 j 23:56	27°♉41'42	1°40'42
	-3634 Jun 21 j 03:34	0°♊	
max. Earth dist.	-3634 Jun 25 j 06:04	8°♊01'29	1.36604 AU
evening rise	-3634 Jun 29 j 06:01	15°♊30'43	
	-3634 Jul 07 j 13:36	0°♋	
desc. node	-3634 Jul 19 j 10:02	18°♋15'17	
	-3634 Jul 28 j 06:24	0°♌	
evening max el	-3634 Aug 04 j 02:26	7°♌34'22	25°52'47
retrograde	-3634 Aug 16 j 11:10	14°♌39'26	
evening set	-3634 Aug 22 j 16:26	12°♌00'39	
min. Earth dist.	-3634 Aug 26 j 22:33	7°♌20'30	0.66590 AU
inferior conj	-3634 Aug 28 j 04:20	5°♌46'01	-1°57'55
minimum elong	-3634 Aug 28 j 07:02	5°♌37'24	1°56'46
morning rise	-3634 Sep 02 j 21:46	29°♋51'16	
	-3634 Sep 02 j 16:22	30°℞♋	
asc. node	-3634 Sep 03 j 04:32	29°♋41'07	
direct	-3634 Sep 06 j 04:06	28°♋49'46	
	-3634 Sep 09 j 19:36	0°♌	
morning max el	-3634 Sep 13 j 05:32	2°♌50'13	19°12'18
	-3634 Oct 02 j 06:17	0°♍	
morning set	-3634 Oct 06 j 04:19	6°♍08'19	
desc. node	-3634 Oct 15 j 09:41	20°♍36'37	
max. Earth dist.	-3634 Oct 20 j 13:02	28°♍42'17	1.44635 AU
	-3634 Oct 21 j 08:42	0°♎	

superior conj	-3634 Oct 22 j 18:37	2°♎14'15	-0°45'47
minimum elong	-3634 Oct 22 j 13:02	1°♎52'08	0°45'06
evening rise	-3634 Nov 06 j 17:30	26°♎21'55	
	-3634 Nov 08 j 22:33	0°♏	
evening max el	-3634 Nov 26 j 14:53	26°♏24'37	18°35'05
asc. node	-3634 Nov 30 j 03:28	29°♏14'14	
	-3634 Dec 02 j 03:28	0°♐	
retrograde	-3634 Dec 03 j 06:34	0°♐07'04	
	-3634 Dec 04 j 09:30	30°℞♏	
evening set	-3634 Dec 06 j 06:52	29°♏16'24	
inferior conj	-3634 Dec 12 j 04:55	23°♏39'41	3°23'07
minimum elong	-3634 Dec 12 j 01:52	23°♏48'41	3°22'19
min. Earth dist.	-3634 Dec 14 j 03:08	21°♏23'25	0.64624 AU
morning rise	-3634 Dec 17 j 20:29	17°♏35'03	
direct	-3634 Dec 24 j 16:11	14°♏43'45	
morning max el	-3633 Jan 07 j 00:34	22°♏23'58	27°13'07
desc. node	-3633 Jan 11 j 09:18	27°♏07'21	
	-3633 Jan 13 j 18:40	0°♐	
	-3633 Feb 02 j 18:39	0°♑	
morning set	-3633 Feb 11 j 10:09	15°♑55'29	
max. Earth dist.	-3633 Feb 16 j 04:01	25°♑25'09	1.33976 AU
	-3633 Feb 18 j 09:04	0°♒	
superior conj	-3633 Feb 19 j 12:43	2°♒25'05	-1°03'58
minimum elong	-3633 Feb 19 j 15:25	2°♒39'19	1°03'37
asc. node	-3633 Feb 26 j 02:43	16°♒22'14	
evening rise	-3633 Feb 26 j 20:33	17°♒55'37	
	-3633 Mar 04 j 21:43	0°♓	
evening max el	-3633 Mar 19 j 18:08	21°♓24'25	21°58'27
retrograde	-3633 Apr 01 j 06:58	27°♓29'18	
evening set	-3633 Apr 04 j 00:43	27°♓12'35	
desc. node	-3633 Apr 09 j 08:11	25°♓18'08	
inferior conj	-3633 Apr 13 j 09:34	23°♓06'57	-1°07'13
minimum elong	-3633 Apr 13 j 06:28	23°♓11'18	1°06'11
min. Earth dist.	-3633 Apr 13 j 00:00	23°♓20'24	0.55207 AU
morning rise	-3633 Apr 22 j 13:23	19°♓08'17	
direct	-3633 Apr 25 j 06:59	18°♓51'35	
morning max el	-3633 May 07 j 07:18	24°♓31'32	21°31'06
	-3633 May 12 j 05:30	0°♈	
asc. node	-3633 May 25 j 02:19	21°♈36'11	
morning set	-3633 May 27 j 15:03	26°♈45'10	
	-3633 May 29 j 04:33	0°♉	
superior conj	-3633 Jun 04 j 00:43	12°♉14'17	1°27'09
minimum elong	-3633 Jun 03 j 22:04	12°♉00'31	1°26'57
max. Earth dist.	-3633 Jun 07 j 18:44	19°♉55'17	1.35068 AU
evening rise	-3633 Jun 12 j 07:27	28°♉49'05	
	-3633 Jun 12 j 22:21	0°♊	
	-3633 Jun 30 j 17:46	0°♋	
desc. node	-3633 Jul 06 j 07:04	7°♋50'05	
evening max el	-3633 Jul 17 j 13:40	21°♋03'14	26°48'17
retrograde	-3633 Jul 30 j 14:56	28°♋22'07	
evening set	-3633 Aug 06 j 08:57	25°♋34'38	
min. Earth dist.	-3633 Aug 10 j 07:19	21°♋32'53	0.65643 AU
inferior conj	-3633 Aug 12 j 01:57	19°♋26'44	-2°46'48
minimum elong	-3633 Aug 12 j 05:33	19°♋16'07	2°45'31
morning rise	-3633 Aug 18 j 02:31	13°♋45'01	
direct	-3633 Aug 21 j 01:16	12°♋56'38	
asc. node	-3633 Aug 21 j 01:38	12°♋56'38	
morning max el	-3633 Aug 27 j 16:49	16°♋36'30	18°29'31
	-3633 Sep 06 j 12:24	0°♌	
morning set	-3633 Sep 16 j 11:50	16°♌05'28	
	-3633 Sep 25 j 03:02	0°♍	
superior conj	-3633 Oct 01 j 18:07	10°♍31'07	0°03'20
minimum elong	-3633 Oct 01 j 18:34	10°♍32'51	0°03'20
behind sun begin	-3633 Oct 01 j 07:26	9°♍48'54	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

behind sun end	-3633 Oct 02 j 05:41	11°♍16'45	
desc. node	-3633 Oct 02 j 06:38	11°♍20'27	
max. Earth dist.	-3633 Oct 03 j 07:11	12°♍57'14	1.44833 AU
	-3633 Oct 14 j 03:15	0°♎	
evening rise	-3633 Oct 18 j 03:08	6°♎17'43	
greatest brilliancy	-3633 Oct 27 j 16:17	21°♎18'39	-0.8m
	-3633 Nov 02 j 09:37	0°♏	
evening max el	-3633 Nov 10 j 00:30	9°♏50'44	19°14'43
retrograde	-3633 Nov 17 j 02:08	13°♏54'37	
asc. node	-3633 Nov 17 j 00:34	13°♏54'35	
evening set	-3633 Nov 20 j 08:54	12°♏51'55	
inferior conj	-3633 Nov 26 j 00:46	7°♏00'03	2°45'31
minimum elong	-3633 Nov 25 j 21:42	7°♏09'47	2°44'31
min. Earth dist.	-3633 Nov 27 j 08:58	5°♏17'42	0.65834 AU
morning rise	-3633 Dec 01 j 10:13	0°♏49'17	
	-3633 Dec 02 j 10:25	30°℞♎	
direct	-3633 Dec 07 j 18:32	28°♎03'22	
	-3633 Dec 13 j 17:52	0°♏	
morning max el	-3633 Dec 20 j 10:18	5°♏28'59	26°16'44
desc. node	-3633 Dec 29 j 06:19	15°♏44'31	
	-3632 Jan 08 j 08:49	0°♐	
morning set	-3632 Jan 25 j 13:34	29°♐03'47	
	-3632 Jan 26 j 01:34	0°♑	
max. Earth dist.	-3632 Jan 29 j 15:42	6°♑53'08	1.35292 AU
superior conj	-3632 Feb 03 j 11:02	16°♑30'21	-1°25'39
minimum elong	-3632 Feb 03 j 14:13	16°♑46'40	1°25'22
	-3632 Feb 09 j 23:34	0°♒	
evening rise	-3632 Feb 11 j 04:24	2°♒28'36	
asc. node	-3632 Feb 12 j 23:44	6°♒09'14	
	-3632 Feb 27 j 10:11	0°♓	
evening max el	-3632 Feb 29 j 21:45	2°♓36'58	20°35'13
retrograde	-3632 Mar 11 j 20:51	7°♓50'11	
evening set	-3632 Mar 14 j 04:13	7°♓37'15	
inferior conj	-3632 Mar 23 j 05:16	3°♓39'17	0°49'42
minimum elong	-3632 Mar 23 j 07:28	3°♓36'04	0°48'53
min. Earth dist.	-3632 Mar 24 j 14:09	2°♓51'28	0.55339 AU
desc. node	-3632 Mar 26 j 05:18	1°♓56'12	
	-3632 Mar 30 j 08:14	30°℞♒	
morning rise	-3632 Apr 01 j 09:26	29°♒22'02	
direct	-3632 Apr 04 j 19:24	28°♒56'38	
	-3632 Apr 10 j 02:44	0°♓	
morning max el	-3632 Apr 18 j 04:07	5°♓28'01	23°06'46
	-3632 May 05 j 05:36	0°♈	
asc. node	-3632 May 10 j 23:18	11°♈27'31	
morning set	-3632 May 11 j 02:12	11°♈42'42	
superior conj	-3632 May 18 j 05:48	26°♈56'53	1°09'11
minimum elong	-3632 May 18 j 03:16	26°♈43'22	1°08'49
	-3632 May 19 j 16:18	0°♉	
max. Earth dist.	-3632 May 20 j 17:09	2°♉10'50	1.33901 AU
evening rise	-3632 May 25 j 21:56	12°♉48'06	
	-3632 Jun 04 j 04:09	0°♊	
desc. node	-3632 Jun 22 j 04:08	26°♊46'09	
	-3632 Jun 24 j 21:55	0°♋	
evening max el	-3632 Jun 29 j 00:42	4°♋18'58	27°20'11
retrograde	-3632 Jul 12 j 13:20	11°♋42'57	
evening set	-3632 Jul 19 j 15:33	8°♋57'34	
min. Earth dist.	-3632 Jul 23 j 07:47	5°♋31'48	0.64313 AU
inferior conj	-3632 Jul 25 j 16:15	2°♋59'17	-3°29'45
minimum elong	-3632 Jul 25 j 20:07	2°♋48'49	3°28'41
	-3632 Jul 28 j 14:36	30°℞♊	
morning rise	-3632 Aug 01 j 01:23	27°♊33'33	
direct	-3632 Aug 03 j 18:50	26°♊55'12	
asc. node	-3632 Aug 06 j 22:41	27°♊46'31	
	-3632 Aug 09 j 21:45	0°♋	
morning max el	-3632 Aug 10 j 07:12	0°♋23'05	18°03'47
morning set	-3632 Aug 27 j 22:31	27°♋20'22	
	-3632 Aug 29 j 12:08	0°♌	
superior conj	-3632 Sep 10 j 04:51	19°♌24'24	0°49'21
minimum elong	-3632 Sep 10 j 10:00	19°♌45'15	0°48'49
max. Earth dist.	-3632 Sep 15 j 00:17	27°♌07'29	1.44309 AU
	-3632 Sep 16 j 19:48	0°♍	
desc. node	-3632 Sep 18 j 03:34	2°♍05'20	
evening rise	-3632 Sep 26 j 15:00	15°♍18'24	
	-3632 Oct 06 j 05:20	0°♎	
greatest brilliancy	-3632 Oct 10 j 09:10	6°♎14'04	-0.6m
evening max el	-3632 Oct 23 j 05:25	23°♎17'17	20°09'54
retrograde	-3632 Oct 30 j 23:19	27°♎50'02	
asc. node	-3632 Nov 02 j 21:40	27°♎00'13	
evening set	-3632 Nov 03 j 14:47	26°♎32'51	
inferior conj	-3632 Nov 09 j 02:15	20°♎29'10	2°00'44
minimum elong	-3632 Nov 08 j 23:44	20°♎37'33	1°59'47
min. Earth dist.	-3632 Nov 09 j 21:57	19°♎23'18	0.66695 AU
morning rise	-3632 Nov 14 j 08:29	14°♎14'50	
direct	-3632 Nov 20 j 02:29	11°♎43'40	
morning max el	-3632 Dec 01 j 19:03	18°♎40'54	25°00'52
	-3632 Dec 11 j 09:31	0°♏	
desc. node	-3632 Dec 15 j 03:18	5°♏03'36	
	-3632 Dec 31 j 10:41	0°♐	
morning set	-3631 Jan 06 j 23:01	11°♐13'17	
max. Earth dist.	-3631 Jan 10 j 16:09	17°♐58'07	1.37029 AU
superior conj	-3631 Jan 16 j 23:49	0°♑02'01	-1°43'05
minimum elong	-3631 Jan 17 j 02:43	0°♑16'18	1°42'59
	-3631 Jan 16 j 23:24	0°♑	
evening rise	-3631 Jan 25 j 07:15	16°♑40'05	
asc. node	-3631 Jan 29 j 20:46	25°♑36'54	
	-3631 Feb 01 j 05:53	0°♒	
evening max el	-3631 Feb 11 j 12:07	14°♒25'45	19°28'51
retrograde	-3631 Feb 20 j 19:04	18°♒50'41	
evening set	-3631 Feb 23 j 02:45	18°♒35'25	
inferior conj	-3631 Mar 03 j 11:47	14°♒29'21	2°28'40
minimum elong	-3631 Mar 03 j 16:42	14°♒21'20	2°27'13
min. Earth dist.	-3631 Mar 06 j 04:58	12°♒43'54	0.56361 AU
morning rise	-3631 Mar 12 j 04:00	9°♒42'36	
desc. node	-3631 Mar 13 j 02:24	9°♒25'24	
direct	-3631 Mar 16 j 17:41	8°♒55'06	
morning max el	-3631 Mar 30 j 19:23	16°♒03'33	24°45'34
	-3631 Apr 10 j 23:55	0°♓	
morning set	-3631 Apr 25 j 14:24	26°♓44'58	
	-3631 Apr 27 j 03:13	0°♈	
asc. node	-3631 Apr 27 j 20:17	1°♈31'20	
superior conj	-3631 May 02 j 14:58	11°♈52'28	0°48'00
minimum elong	-3631 May 02 j 13:01	11°♈41'50	0°47'38
max. Earth dist.	-3631 May 04 j 00:03	14°♈51'21	1.33106 AU
evening rise	-3631 May 09 j 21:36	27°♈15'56	
	-3631 May 11 j 06:07	0°♉	
	-3631 May 28 j 11:55	0°♊	
desc. node	-3631 Jun 09 j 01:12	14°♊47'16	
evening max el	-3631 Jun 11 j 09:44	17°♊10'06	27°22'26
retrograde	-3631 Jun 25 j 05:33	24°♊33'15	
evening set	-3631 Jul 02 j 08:41	22°♊03'44	
min. Earth dist.	-3631 Jul 05 j 22:40	19°♊06'18	0.62625 AU
inferior conj	-3631 Jul 08 j 20:23	16°♊18'00	-4°02'57
minimum elong	-3631 Jul 08 j 23:32	16°♊10'23	4°02'21
morning rise	-3631 Jul 15 j 15:34	11°♊11'04	
direct	-3631 Jul 18 j 05:51	10°♊40'10	
asc. node	-3631 Jul 24 j 19:44	13°♊59'01	
morning max el	-3631 Jul 24 j 22:01	14°♊04'36	17°56'05
	-3631 Aug 04 j 20:35	0°♋	
morning set	-3631 Aug 10 j 07:57	9°♋40'50	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3631 Aug 21 j 17:18	29°♋34'32	1°23'03
minimum elong	-3631 Aug 21 j 22:39	29°♋57'08	1°22'39
	-3631 Aug 21 j 23:19	0°♌	
max. Earth dist.	-3631 Aug 28 j 13:55	10°♌57'08	1.43141 AU
desc. node	-3631 Sep 05 j 00:32	22°♌48'37	
evening rise	-3631 Sep 05 j 19:29	24°♌02'34	
	-3631 Sep 09 j 16:02	0°♍	
	-3631 Sep 30 j 10:33	0°♎	
evening max el	-3631 Oct 06 j 04:28	6°♎43'53	21°17'58
retrograde	-3631 Oct 14 j 20:05	11°♎51'33	
evening set	-3631 Oct 18 j 22:31	10°♎17'15	
asc. node	-3631 Oct 20 j 18:45	8°♎33'46	
inferior conj	-3631 Oct 24 j 07:14	4°♎05'03	1°11'12
minimum elong	-3631 Oct 24 j 05:39	4°♎10'31	1°10'34
min. Earth dist.	-3631 Oct 24 j 15:45	3°♎35'48	0.67227 AU
	-3631 Oct 27 j 10:06	30°℞♍	
morning rise	-3631 Oct 29 j 12:36	27°♍49'55	
direct	-3631 Nov 03 j 15:24	25°♍38'50	
	-3631 Nov 12 j 03:30	0°♎	
morning max el	-3631 Nov 14 j 03:59	1°♎55'48	23°35'29
desc. node	-3631 Dec 02 j 00:18	24°♎52'50	
	-3631 Dec 05 j 11:15	0°♏	
morning set	-3631 Dec 19 j 08:20	22°♏08'01	
max. Earth dist.	-3631 Dec 23 j 11:40	29°♏15'46	1.39058 AU
	-3631 Dec 23 j 21:44	0°♐	
superior conj	-3631 Dec 30 j 23:09	12°♐49'44	-1°53'43
minimum elong	-3631 Dec 31 j 00:34	12°♐56'19	1°53'48
	-3630 Jan 08 j 21:42	0°♑	
evening rise	-3630 Jan 09 j 02:39	0°♑24'01	
asc. node	-3630 Jan 16 j 17:49	14°♑38'32	
evening max el	-3630 Jan 25 j 12:06	26°♑48'25	18°41'57
	-3630 Jan 30 j 03:50	0°♒	
retrograde	-3630 Feb 02 j 10:42	0°♒39'16	
evening set	-3630 Feb 04 j 21:48	0°♒18'28	
	-3630 Feb 05 j 20:37	30°℞♑	
inferior conj	-3630 Feb 12 j 13:25	25°♑54'12	3°31'39
minimum elong	-3630 Feb 12 j 17:15	25°♑46'58	3°30'54
min. Earth dist.	-3630 Feb 15 j 21:31	23°♑24'18	0.58039 AU
morning rise	-3630 Feb 20 j 10:14	20°♑39'31	
direct	-3630 Feb 26 j 04:56	19°♑17'03	
desc. node	-3630 Feb 27 j 23:31	19°♑24'49	
morning max el	-3630 Mar 12 j 11:15	26°♑45'27	26°12'59
	-3630 Mar 15 j 13:41	0°♒	
	-3630 Apr 04 j 05:18	0°♓	
morning set	-3630 Apr 10 j 01:55	11°♓45'15	
asc. node	-3630 Apr 14 j 17:17	21°♓42'17	
superior conj	-3630 Apr 17 j 02:15	26°♓53'35	0°24'37
minimum elong	-3630 Apr 17 j 01:10	26°♓47'44	0°24'22
max. Earth dist.	-3630 Apr 17 j 12:08	27°♓47'41	1.32662 AU
	-3630 Apr 18 j 12:22	0°♈	
evening rise	-3630 Apr 24 j 03:25	12°♈01'45	
	-3630 May 03 j 10:39	0°♉	
evening max el	-3630 May 24 j 14:07	29°♉23'49	26°51'47
	-3630 May 25 j 05:32	0°♊	
desc. node	-3630 May 26 j 22:18	1°♊29'31	
retrograde	-3630 Jun 07 j 14:15	6°♊43'38	
evening set	-3630 Jun 14 j 08:05	4°♊43'28	
min. Earth dist.	-3630 Jun 18 j 03:39	2°♊01'12	0.60669 AU
	-3630 Jun 20 j 13:15	30°℞♉	
inferior conj	-3630 Jun 21 j 10:54	29°♉13'38	-4°20'29
minimum elong	-3630 Jun 21 j 11:55	29°♉11'27	4°20'20
morning rise	-3630 Jun 28 j 17:35	24°♉27'54	
direct	-3630 Jul 01 j 06:25	24°♉02'38	
morning max el	-3630 Jul 08 j 10:28	27°♉33'19	18°07'21
	-3630 Jul 10 j 16:14	0°♊	
asc. node	-3630 Jul 11 j 16:47	1°♊17'44	
morning set	-3630 Jul 24 j 10:25	22°♊50'55	
	-3630 Jul 28 j 06:39	0°♋	
superior conj	-3630 Aug 03 j 08:43	11°♋04'42	1°42'18
minimum elong	-3630 Aug 03 j 11:42	11°♋18'00	1°42'15
max. Earth dist.	-3630 Aug 10 j 22:19	24°♋11'02	1.41478 AU
	-3630 Aug 14 j 10:28	0°♌	
evening rise	-3630 Aug 16 j 12:11	3°♌21'51	
desc. node	-3630 Aug 22 j 21:32	13°♌26'17	
	-3630 Sep 03 j 01:06	0°♍	
evening max el	-3630 Sep 18 j 21:34	20°♍10'05	22°35'07
retrograde	-3630 Sep 28 j 14:51	25°♍56'13	
evening set	-3630 Oct 03 j 06:17	24°♍02'50	
asc. node	-3630 Oct 07 j 15:51	19°♍00'54	
inferior conj	-3630 Oct 08 j 13:47	17°♍45'29	0°18'48
minimum elong	-3630 Oct 08 j 13:21	17°♍47'00	0°18'39
min. Earth dist.	-3630 Oct 08 j 11:53	17°♍52'04	0.67444 AU
morning rise	-3630 Oct 13 j 20:18	11°♍32'15	
direct	-3630 Oct 18 j 08:20	9°♍43'03	
morning max el	-3630 Oct 27 j 16:18	15°♍15'28	22°09'51
	-3630 Nov 08 j 12:38	0°♎	
desc. node	-3630 Nov 18 j 21:18	15°♎03'29	
	-3630 Nov 28 j 12:20	0°♏	
morning set	-3630 Nov 29 j 13:07	1°♏39'24	
max. Earth dist.	-3630 Dec 05 j 10:30	11°♏20'08	1.41113 AU
superior conj	-3630 Dec 13 j 03:58	24°♏40'24	-1°54'13
minimum elong	-3630 Dec 13 j 02:22	24°♏33'19	1°54'17
	-3630 Dec 16 j 03:13	0°♐	
evening rise	-3630 Dec 23 j 11:32	13°♐33'24	
	-3629 Jan 01 j 15:36	0°♑	
asc. node	-3629 Jan 03 j 14:53	3°♑05'49	
evening max el	-3629 Jan 08 j 19:10	9°♑37'41	18°15'05
retrograde	-3629 Jan 15 j 20:48	13°♑10'16	
evening set	-3629 Jan 18 j 11:03	12°♑42'36	
inferior conj	-3629 Jan 25 j 11:27	7°♑56'50	3°59'07
minimum elong	-3629 Jan 25 j 12:33	7°♑54'24	3°58'56
min. Earth dist.	-3629 Jan 28 j 18:50	5°♑03'56	0.60024 AU
morning rise	-3629 Feb 01 j 12:20	2°♑21'05	
direct	-3629 Feb 08 j 03:48	0°♑20'01	
desc. node	-3629 Feb 14 j 20:37	2°♑12'46	
morning max el	-3629 Feb 22 j 08:38	7°♑58'54	27°14'47
	-3629 Mar 11 j 01:59	0°♒	
morning set	-3629 Mar 25 j 11:03	26°♒37'13	
	-3629 Mar 27 j 01:47	0°♓	
max. Earth dist.	-3629 Apr 01 j 01:41	10°♓47'01	1.32555 AU
superior conj	-3629 Apr 01 j 13:59	11°♓54'14	-0°00'09
minimum elong	-3629 Apr 01 j 13:59	11°♓54'16	0°00'12
behind sun begin	-3629 Apr 01 j 08:59	11°♓26'56	
behind sun end	-3629 Apr 01 j 18:59	12°♓21'36	
asc. node	-3629 Apr 01 j 14:20	11°♓56'10	
evening rise	-3629 Apr 08 j 13:05	26°♓57'15	
	-3629 Apr 10 j 00:13	0°♈	
	-3629 Apr 27 j 06:30	0°♉	
evening max el	-3629 May 06 j 12:03	10°♉54'16	25°50'03
desc. node	-3629 May 13 j 19:23	16°♉21'12	
retrograde	-3629 May 20 j 13:57	18°♉08'50	
evening set	-3629 May 26 j 10:16	16°♉46'27	
min. Earth dist.	-3629 May 31 j 00:26	14°♉02'26	0.58633 AU
inferior conj	-3629 Jun 03 j 08:08	11°♉36'36	-4°13'43
minimum elong	-3629 Jun 03 j 05:43	11°♉41'05	4°13'26
morning rise	-3629 Jun 11 j 03:49	7°♉12'51	
direct	-3629 Jun 13 j 16:00	6°♉52'13	
morning max el	-3629 Jun 21 j 17:43	10°♉41'17	18°38'31
asc. node	-3629 Jun 28 j 13:50	19°♉28'21	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3629 Jul 04 j 13:57	0°♊		
morning set	-3629 Jul 08 j 01:19	6°♊38'48		
superior conj	-3629 Jul 16 j 22:15	23°♊42'01	1°48'58	
minimum elong	-3629 Jul 16 j 22:38	23°♊43'51	1°49'07	
	-3629 Jul 20 j 08:00	0°♋		
max. Earth dist.	-3629 Jul 24 j 01:33	6°♋40'47	1.39550 AU	
evening rise	-3629 Jul 28 j 05:18	13°♋50'53		
	-3629 Aug 07 j 05:11	0°♌		
desc. node	-3629 Aug 09 j 18:32	3°♌54'11		
	-3629 Aug 29 j 01:07	0°♍		
evening max el	-3629 Sep 01 j 10:10	3°♍37'10	23°55'52	
retrograde	-3629 Sep 12 j 06:27	10°♍00'41		
evening set	-3629 Sep 17 j 12:20	7°♍47'43		
inferior conj	-3629 Sep 22 j 20:10	1°♍28'34	-0°34'52	
minimum elong	-3629 Sep 22 j 20:59	1°♍25'47	0°34'27	
min. Earth dist.	-3629 Sep 22 j 07:57	2°♍10'06	0.67357 AU	
	-3629 Sep 23 j 22:28	30°℞♌		
asc. node	-3629 Sep 24 j 12:58	29°♌12'42		
morning rise	-3629 Sep 28 j 05:37	25°♌20'07		
direct	-3629 Oct 02 j 04:23	23°♌51'42		
morning max el	-3629 Oct 10 j 10:51	28°♌42'46	20°51'06	
	-3629 Oct 11 j 16:00	0°♍		
	-3629 Nov 02 j 04:24	0°♎		
desc. node	-3629 Nov 05 j 18:16	5°♎28'37		
morning set	-3629 Nov 08 j 17:33	10°♎04'46		
max. Earth dist.	-3629 Nov 17 j 16:11	24°♎17'19	1.42901 AU	
	-3629 Nov 21 j 03:53	0°♏		
superior conj	-3629 Nov 24 j 08:25	5°♏19'08	-1°40'43	
minimum elong	-3629 Nov 24 j 03:00	4°♏56'23	1°40'23	
evening rise	-3629 Dec 06 j 05:57	25°♏59'07		
	-3629 Dec 08 j 12:09	0°♐		
asc. node	-3629 Dec 21 j 11:59	20°♐47'29		
evening max el	-3629 Dec 23 j 06:25	22°♐44'44	18°08'00	
retrograde	-3629 Dec 29 j 21:32	26°♐12'38		
evening set	-3628 Jan 01 j 14:51	25°♐37'12		
inferior conj	-3628 Jan 08 j 03:00	20°♐30'15	3°59'15	
minimum elong	-3628 Jan 08 j 01:43	20°♐33'29	3°59'02	
min. Earth dist.	-3628 Jan 11 j 00:08	17°♐37'44	0.62005 AU	
morning rise	-3628 Jan 14 j 11:31	14°♐40'02		
direct	-3628 Jan 21 j 12:21	12°♐07'48		
desc. node	-3628 Feb 01 j 17:42	17°♐20'22		
morning max el	-3628 Feb 04 j 12:16	19°♐52'29	27°42'04	
	-3628 Feb 13 j 05:29	0°♑		
	-3628 Mar 02 j 22:20	0°♒		
morning set	-3628 Mar 08 j 15:42	11°♒12'40		
max. Earth dist.	-3628 Mar 14 j 12:35	23°♒33'34	1.32794 AU	
superior conj	-3628 Mar 16 j 00:27	26°♒47'43	-0°25'27	
minimum elong	-3628 Mar 16 j 01:36	26°♒53'57	0°25'16	
	-3628 Mar 17 j 11:49	0°♓		
asc. node	-3628 Mar 18 j 11:21	2°♓07'57		
evening rise	-3628 Mar 23 j 00:31	11°♓54'29		
	-3628 Apr 01 j 07:15	0°♈		
evening max el	-3628 Apr 17 j 04:40	21°♈48'56	24°25'35	
desc. node	-3628 Apr 29 j 16:29	28°♈45'26		
retrograde	-3628 May 01 j 02:45	28°♈50'09		
evening set	-3628 May 05 j 15:41	28°♈03'44		
min. Earth dist.	-3628 May 11 j 16:32	25°♈02'37	0.56808 AU	
inferior conj	-3628 May 14 j 09:26	23°♈19'03	-3°32'14	
minimum elong	-3628 May 14 j 03:52	23°♈28'01	3°31'02	
morning rise	-3628 May 22 j 19:11	19°♈13'44		
direct	-3628 May 25 j 06:51	18°♈56'50		
morning max el	-3628 Jun 03 j 16:57	23°♈19'16	19°30'09	
	-3628 Jun 09 j 07:42	0°♉		
asc. node	-3628 Jun 14 j 10:54	8°♉18'48		
morning set	-3628 Jun 21 j 01:08	20°♉55'39		
	-3628 Jun 25 j 13:31	0°♊		
superior conj	-3628 Jun 29 j 04:13	7°♊10'38	1°45'54	
minimum elong	-3628 Jun 29 j 02:45	7°♊03'27	1°45'59	
max. Earth dist.	-3628 Jul 05 j 03:29	18°♊35'24	1.37617 AU	
evening rise	-3628 Jul 09 j 00:01	25°♊35'47		
	-3628 Jul 11 j 12:14	0°♋		
desc. node	-3628 Jul 26 j 15:31	24°♋07'22		
	-3628 Jul 30 j 18:35	0°♌		
evening max el	-3628 Aug 13 j 20:54	17°♌07'31	25°13'08	
retrograde	-3628 Aug 25 j 17:59	24°♌01'12		
evening set	-3628 Aug 31 j 14:48	21°♌30'36		
min. Earth dist.	-3628 Sep 05 j 01:36	16°♌28'42	0.66958 AU	
inferior conj	-3628 Sep 06 j 00:39	15°♌13'08	-1°28'07	
minimum elong	-3628 Sep 06 j 02:43	15°♌06'22	1°27'12	
asc. node	-3628 Sep 10 j 10:04	10°♌08'21		
morning rise	-3628 Sep 11 j 14:43	9°♌12'23		
direct	-3628 Sep 15 j 02:18	8°♌02'05		
morning max el	-3628 Sep 22 j 12:40	12°♌18'55	19°44'12	
	-3628 Oct 05 j 17:09	0°♍		
morning set	-3628 Oct 17 j 16:29	18°♍21'31		
desc. node	-3628 Oct 22 j 15:13	26°♍03'52		
	-3628 Oct 25 j 03:30	0°♎		
max. Earth dist.	-3628 Oct 30 j 04:21	7°♎57'09	1.44185 AU	
superior conj	-3628 Nov 03 j 09:21	14°♎41'01	-1°10'22	
minimum elong	-3628 Nov 03 j 02:17	14°♎12'34	1°09'38	
	-3628 Nov 12 j 17:39	0°♏		
evening rise	-3628 Nov 17 j 05:17	7°♏32'03		
	-3628 Nov 30 j 23:12	0°♐		
evening max el	-3628 Dec 05 j 19:06	6°♐03'19	18°19'59	
asc. node	-3628 Dec 07 j 09:03	7°♐30'36		
retrograde	-3628 Dec 12 j 08:25	9°♐37'37		
evening set	-3628 Dec 15 j 05:43	8°♐53'05		
inferior conj	-3628 Dec 21 j 08:16	3°♐26'46	3°40'16	
minimum elong	-3628 Dec 21 j 05:35	3°♐34'18	3°39'41	
min. Earth dist.	-3628 Dec 23 j 15:11	0°♐53'26	0.63766 AU	
	-3628 Dec 24 j 11:12	30°℞♏		
morning rise	-3628 Dec 27 j 04:52	27°♏26'33		
direct	-3627 Jan 03 j 04:49	24°♏37'30		
	-3627 Jan 14 j 07:00	0°♐		
morning max el	-3627 Jan 16 j 20:09	2°♐22'04	27°33'06	
desc. node	-3627 Jan 18 j 14:47	4°♐11'41		
	-3627 Feb 06 j 11:37	0°♑		
morning set	-3627 Feb 20 j 13:19	25°♑22'59		
	-3627 Feb 22 j 20:23	0°♒		
max. Earth dist.	-3627 Feb 25 j 16:53	5°♒54'21	1.33421 AU	
superior conj	-3627 Feb 28 j 07:55	11°♒28'07	-0°50'18	
minimum elong	-3627 Feb 28 j 10:07	11°♒39'53	0°49'59	
asc. node	-3627 Mar 05 j 08:21	22°♒13'43		
evening rise	-3627 Mar 07 j 11:58	26°♒47'10		
	-3627 Mar 09 j 01:03	0°♓		
	-3627 Mar 27 j 10:42	0°♈		
evening max el	-3627 Mar 29 j 21:03	2°♈30'52	22°51'30	
retrograde	-3627 Apr 12 j 02:45	9°♈01'08		
evening set	-3627 Apr 15 j 08:48	8°♈38'00		
desc. node	-3627 Apr 16 j 13:37	8°♈18'23		
min. Earth dist.	-3627 Apr 23 j 06:55	5°♈08'24	0.55554 AU	
inferior conj	-3627 Apr 24 j 15:58	4°♈20'40	-2°09'57	
minimum elong	-3627 Apr 24 j 10:37	4°♈28'24	2°08'17	
morning rise	-3627 May 03 j 14:38	0°♈23'40		
direct	-3627 May 06 j 04:06	0°♈08'09		
morning max el	-3627 May 17 j 05:51	5°♈18'09	20°41'47	
asc. node	-3627 Jun 01 j 07:55	27°♈38'54		
	-3627 Jun 02 j 12:48	0°♉		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3627 Jun 05 j 07:03	5°♉33'35		
superior conj	-3627 Jun 12 j 21:50	21°♉16'10	1°35'36	
minimum elong	-3627 Jun 12 j 19:24	21°♉03'43	1°35'30	
	-3627 Jun 17 j 06:24	0°♊		
max. Earth dist.	-3627 Jun 17 j 10:51	0°♊21'50	1.35905 AU	
evening rise	-3627 Jun 21 j 15:49	8°♊24'36		
	-3627 Jul 04 j 03:57	0°♋		
desc. node	-3627 Jul 13 j 12:32	13°♋58'39		
	-3627 Jul 26 j 16:04	0°♌		
evening max el	-3627 Jul 27 j 07:56	0°♌39'12	26°18'56	
retrograde	-3627 Aug 09 j 00:43	7°♌51'45		
evening set	-3627 Aug 15 j 11:36	5°♌08'26		
min. Earth dist.	-3627 Aug 19 j 14:21	0°♌44'21	0.66226 AU	
	-3627 Aug 20 j 04:46	30°℞♋		
inferior conj	-3627 Aug 21 j 01:23	28°♋56'06	-2°19'13	
minimum elong	-3627 Aug 21 j 04:31	28°♋46'24	2°17'59	
morning rise	-3627 Aug 26 j 21:38	23°♋06'14		
asc. node	-3627 Aug 28 j 07:10	22°♋27'38		
direct	-3627 Aug 30 j 00:25	22°♋10'44		
morning max el	-3627 Sep 05 j 20:55	26°♋01'43	18°52'02	
	-3627 Sep 09 j 06:38	0°♌		
morning set	-3627 Sep 27 j 08:32	27°♌32'24		
	-3627 Sep 28 j 21:43	0°♍		
desc. node	-3627 Oct 09 j 12:08	16°♍45'01		
max. Earth dist.	-3627 Oct 12 j 21:06	22°♍03'54	1.44809 AU	
superior conj	-3627 Oct 13 j 12:48	23°♍05'47	-0°25'26	
minimum elong	-3627 Oct 13 j 09:29	22°♍52'42	0°24'59	
	-3627 Oct 17 j 21:44	0°♎		
evening rise	-3627 Oct 29 j 05:07	18°♎03'09		
	-3627 Nov 05 j 14:58	0°♏		
evening max el	-3627 Nov 19 j 06:34	19°♏27'43	18°50'00	
asc. node	-3627 Nov 24 j 06:07	22°♏59'45		
retrograde	-3627 Nov 26 j 01:37	23°♏17'58		
evening set	-3627 Nov 29 j 04:27	22°♏22'29		
inferior conj	-3627 Dec 04 j 23:39	16°♏39'14	3°08'12	
minimum elong	-3627 Dec 04 j 20:31	16°♏48'49	3°07'18	
min. Earth dist.	-3627 Dec 06 j 15:49	14°♏36'40	0.65187 AU	
morning rise	-3627 Dec 10 j 12:14	10°♏31'53		
direct	-3627 Dec 17 j 03:48	7°♏41'10		
morning max el	-3627 Dec 30 j 05:38	15°♏16'33	26°52'03	
desc. node	-3626 Jan 05 j 11:50	22°♏16'26		
	-3626 Jan 11 j 09:37	0°♐		
	-3626 Jan 30 j 04:59	0°♂		
morning set	-3626 Feb 04 j 00:36	8°♂57'36		
max. Earth dist.	-3626 Feb 08 j 11:09	17°♂41'09	1.34478 AU	
superior conj	-3626 Feb 12 j 10:19	25°♂48'49	-1°13'33	
minimum elong	-3626 Feb 12 j 13:18	26°♂04'19	1°13'13	
	-3626 Feb 14 j 10:21	0°♒		
evening rise	-3626 Feb 19 j 21:41	11°♒29'28		
asc. node	-3626 Feb 20 j 05:22	12°♒09'11		
	-3626 Mar 01 j 14:55	0°♓		
evening max el	-3626 Mar 11 j 19:26	13°♓27'27	21°21'22	
retrograde	-3626 Mar 23 j 17:03	19°♓10'11		
evening set	-3626 Mar 26 j 04:42	18°♓56'04		
desc. node	-3626 Apr 03 j 10:45	15°♓31'28		
inferior conj	-3626 Apr 04 j 11:48	14°♓56'18	-0°17'27	
minimum elong	-3626 Apr 04 j 10:59	14°♓57'28	0°17'12	
min. Earth dist.	-3626 Apr 04 j 20:54	14°♓43'29	0.55149 AU	
morning rise	-3626 Apr 13 j 17:15	10°♓51'44		
direct	-3626 Apr 16 j 16:30	10°♓32'25		
morning max el	-3626 Apr 29 j 07:51	16°♓35'21	22°10'31	
	-3626 May 09 j 19:14	0°♈		
asc. node	-3626 May 19 j 04:55	17°♈21'06		
morning set	-3626 May 20 j 16:54	20°♈26'23		
	-3626 May 25 j 05:44	0°♉		
superior conj	-3626 May 27 j 23:35	5°♉48'09	1°20'00	
minimum elong	-3626 May 27 j 20:55	5°♉34'07	1°19'42	
max. Earth dist.	-3626 May 31 j 03:58	12°♉25'20	1.34532 AU	
evening rise	-3626 Jun 04 j 23:25	22°♉02'34		
	-3626 Jun 09 j 04:29	0°♊		
	-3626 Jun 27 j 21:57	0°♋		
desc. node	-3626 Jun 30 j 09:35	3°♋18'40		
evening max el	-3626 Jul 09 j 19:31	14°♋04'50	27°05'09	
retrograde	-3626 Jul 23 j 02:04	21°♋25'56		
evening set	-3626 Jul 30 j 00:15	18°♋38'11		
min. Earth dist.	-3626 Aug 02 j 19:54	14°♋52'02	0.65129 AU	
inferior conj	-3626 Aug 04 j 20:13	12°♋34'09	-3°05'57	
minimum elong	-3626 Aug 05 j 00:01	12°♋23'18	3°04'43	
morning rise	-3626 Aug 11 j 00:13	6°♋58'34		
direct	-3626 Aug 13 j 20:31	6°♋14'39		
asc. node	-3626 Aug 15 j 04:14	6°♋24'06		
morning max el	-3626 Aug 20 j 09:45	9°♋48'13	18°16'21	
	-3626 Sep 03 j 07:01	0°♌		
morning set	-3626 Sep 08 j 03:55	8°♌03'39		
	-3626 Sep 21 j 15:46	0°♍		
superior conj	-3626 Sep 22 j 14:20	1°♍29'53	0°23'57	
minimum elong	-3626 Sep 22 j 17:17	1°♍41'37	0°23'39	
max. Earth dist.	-3626 Sep 25 j 15:29	6°♍19'53	1.44704 AU	
desc. node	-3626 Sep 26 j 09:04	7°♍29'15		
evening rise	-3626 Oct 09 j 04:27	27°♍32'33		
	-3626 Oct 10 j 18:19	0°♎		
greatest brilliancy	-3626 Oct 20 j 22:51	15°♎44'20	-0.7m	
	-3626 Oct 31 j 01:04	0°♏		
evening max el	-3626 Nov 02 j 14:26	2°♏54'06	19°36'30	
retrograde	-3626 Nov 09 j 22:03	7°♏08'58		
asc. node	-3626 Nov 11 j 03:12	7°♏00'26		
evening set	-3626 Nov 13 j 08:23	6°♏00'14		
inferior conj	-3626 Nov 18 j 22:09	0°♏02'57	2°27'12	
minimum elong	-3626 Nov 18 j 19:16	0°♏12'20	2°26'12	
	-3626 Nov 18 j 23:03	30°℞♎		
min. Earth dist.	-3626 Nov 20 j 00:48	28°♎36'15	0.66246 AU	
morning rise	-3626 Nov 24 j 05:57	23°♎50'39		
direct	-3626 Nov 30 j 08:27	21°♎10'14		
morning max el	-3626 Dec 12 j 14:50	28°♎24'34	25°46'19	
	-3626 Dec 14 j 03:41	0°♏		
desc. node	-3626 Dec 23 j 08:49	11°♏12'42		
	-3625 Jan 05 j 04:02	0°♐		
morning set	-3625 Jan 17 j 21:02	21°♐42'14		
max. Earth dist.	-3625 Jan 21 j 17:51	28°♐56'51	1.35984 AU	
	-3625 Jan 22 j 07:01	0°♑		
superior conj	-3625 Jan 27 j 05:00	9°♑40'47	-1°33'42	
minimum elong	-3625 Jan 27 j 08:11	9°♑56'51	1°33'29	
evening rise	-3625 Feb 04 j 03:41	25°♑54'05		
	-3625 Feb 06 j 04:28	0°♒		
asc. node	-3625 Feb 07 j 02:23	1°♒48'38		
evening max el	-3625 Feb 22 j 03:35	24°♒54'45	20°04'43	
retrograde	-3625 Mar 04 j 08:56	29°♒46'13		
evening set	-3625 Mar 06 j 15:51	29°♒32'42		
inferior conj	-3625 Mar 15 j 10:35	25°♒32'40	1°35'25	
minimum elong	-3625 Mar 15 j 14:28	25°♒26'48	1°34'05	
min. Earth dist.	-3625 Mar 17 j 10:56	24°♒19'45	0.55677 AU	
desc. node	-3625 Mar 21 j 07:53	22°♒14'26		
morning rise	-3625 Mar 24 j 11:07	21°♒03'57		
direct	-3625 Mar 28 j 07:59	20°♒31'04		
morning max el	-3625 Apr 11 j 01:32	27°♒19'29	23°49'11	
	-3625 Apr 13 j 16:02	0°♓		
	-3625 May 02 j 13:16	0°♈		
morning set	-3625 May 05 j 04:44	5°♈26'47		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3625 May 06 j 01:55	7°♈18'20	
superior conj	-3625 May 12 j 06:40	20°♈36'56	1°00'32
minimum elong	-3625 May 12 j 04:20	20°♈24'22	1°00'09
max. Earth dist.	-3625 May 14 j 06:34	24°♈53'01	1.33526 AU
	-3625 May 16 j 16:55	0°♉	
evening rise	-3625 May 19 j 18:15	6°♉14'56	
	-3625 Jun 01 j 18:38	0°♊	
desc. node	-3625 Jun 17 j 06:40	21°♊53'29	
evening max el	-3625 Jun 22 j 06:02	27°♊11'27	27°24'54
	-3625 Jun 25 j 10:36	0°♋	
retrograde	-3625 Jul 05 j 21:43	4°♋34'51	
evening set	-3625 Jul 13 j 01:36	1°♋54'23	
	-3625 Jul 15 j 08:01	30°℞♊	
min. Earth dist.	-3625 Jul 16 j 16:13	28°♊42'08	0.63644 AU
inferior conj	-3625 Jul 19 j 06:34	26°♊01'24	-3°45'19
minimum elong	-3625 Jul 19 j 10:17	25°♊51'48	3°44'25
morning rise	-3625 Jul 25 j 19:49	20°♊43'24	
direct	-3625 Jul 28 j 11:48	20°♊08'22	
asc. node	-3625 Aug 02 j 01:18	21°♊50'46	
morning max el	-3625 Aug 04 j 00:41	23°♊33'17	17°58'16
	-3625 Aug 09 j 03:42	0°♋	
morning set	-3625 Aug 21 j 01:00	19°♋48'26	
	-3625 Aug 26 j 23:07	0°♌	
superior conj	-3625 Sep 02 j 11:08	10°♌53'21	1°05'26
minimum elong	-3625 Sep 02 j 16:52	11°♌16'55	1°04'54
max. Earth dist.	-3625 Sep 08 j 07:58	20°♌25'19	1.43886 AU
desc. node	-3625 Sep 13 j 06:02	28°♌13'44	
	-3625 Sep 14 j 09:07	0°♍	
evening rise	-3625 Sep 18 j 10:57	6°♍20'25	
	-3625 Oct 04 j 03:50	0°♎	
evening max el	-3625 Oct 16 j 16:55	16°♎20'32	20°37'27
retrograde	-3625 Oct 24 j 19:23	21°♎07'35	
evening set	-3625 Oct 28 j 15:18	19°♎43'11	
asc. node	-3625 Oct 29 j 00:18	19°♎25'48	
inferior conj	-3625 Nov 03 j 01:23	13°♎35'14	1°40'11
minimum elong	-3625 Nov 02 j 23:13	13°♎42'32	1°39'20
min. Earth dist.	-3625 Nov 03 j 16:06	12°♎45'19	0.66957 AU
morning rise	-3625 Nov 08 j 06:59	7°♎20'18	
direct	-3625 Nov 13 j 18:26	4°♎57'34	
morning max el	-3625 Nov 24 j 23:36	11°♎38'39	24°25'15
	-3625 Dec 09 j 16:54	0°♏	
desc. node	-3625 Dec 10 j 05:48	0°♏45'41	
	-3625 Dec 28 j 22:15	0°♐	
morning set	-3625 Dec 30 j 21:00	3°♐21'45	
max. Earth dist.	-3624 Jan 03 j 15:43	10°♐04'25	1.37869 AU
superior conj	-3624 Jan 10 j 12:37	22°♐54'52	-1°48'36
minimum elong	-3624 Jan 10 j 15:03	23°♐06'39	1°48'36
	-3624 Jan 14 j 03:47	0°♑	
evening rise	-3624 Jan 19 j 03:45	9°♑54'47	
asc. node	-3624 Jan 24 j 23:26	21°♑06'04	
	-3624 Jan 30 j 06:50	0°♒	
evening max el	-3624 Feb 04 j 22:10	6°♒57'50	19°06'25
retrograde	-3624 Feb 13 j 14:18	11°♒06'51	
evening set	-3624 Feb 15 j 23:13	10°♒49'34	
inferior conj	-3624 Feb 24 j 00:41	6°♒36'14	3°00'03
minimum elong	-3624 Feb 24 j 05:31	6°♒27'52	2°58'49
min. Earth dist.	-3624 Feb 27 j 02:12	4°♒29'47	0.57010 AU
morning rise	-3624 Mar 03 j 09:06	1°♒36'39	
desc. node	-3624 Mar 07 j 04:59	0°♒39'36	
direct	-3624 Mar 08 j 11:18	0°♒35'48	
morning max el	-3624 Mar 22 j 16:32	7°♒54'34	25°25'06
	-3624 Apr 08 j 00:44	0°♓	
morning set	-3624 Apr 18 j 16:52	20°♓28'50	
asc. node	-3624 Apr 21 j 22:56	27°♓25'35	
	-3624 Apr 23 j 03:25	0°♈	
superior conj	-3624 Apr 25 j 16:58	5°♈35'24	0°38'18
minimum elong	-3624 Apr 25 j 15:21	5°♈26'36	0°37'59
max. Earth dist.	-3624 Apr 26 j 16:05	7°♈41'08	1.32875 AU
evening rise	-3624 May 02 j 20:50	20°♈50'57	
	-3624 May 07 j 11:13	0°♉	
	-3624 May 25 j 23:36	0°♊	
desc. node	-3624 Jun 03 j 03:47	9°♊24'02	
evening max el	-3624 Jun 03 j 13:08	9°♊46'37	27°13'16
retrograde	-3624 Jun 17 j 10:59	17°♊09'05	
evening set	-3624 Jun 24 j 11:43	14°♊50'08	
min. Earth dist.	-3624 Jun 28 j 02:38	12°♊01'22	0.61819 AU
inferior conj	-3624 Jul 01 j 05:19	9°♊10'42	-4°12'45
minimum elong	-3624 Jul 01 j 07:45	9°♊05'07	4°12'23
morning rise	-3624 Jul 08 j 05:16	4°♊12'56	
direct	-3624 Jul 10 j 18:44	3°♊44'40	
morning max el	-3624 Jul 17 j 14:55	7°♊10'17	17°58'32
asc. node	-3624 Jul 18 j 22:23	8°♊33'03	
	-3624 Aug 01 j 09:02	0°♋	
morning set	-3624 Aug 02 j 18:16	2°♋30'58	
superior conj	-3624 Aug 13 j 11:28	21°♋38'33	1°32'55
minimum elong	-3624 Aug 13 j 15:57	21°♋57'56	1°32'41
	-3624 Aug 18 j 09:21	0°♌	
max. Earth dist.	-3624 Aug 20 j 19:15	4°♌00'09	1.42476 AU
evening rise	-3624 Aug 27 j 18:17	15°♌12'33	
desc. node	-3624 Aug 30 j 03:01	18°♌54'46	
	-3624 Sep 06 j 09:18	0°♍	
evening max el	-3624 Sep 28 j 13:12	29°♍45'55	21°49'58
	-3624 Sep 28 j 18:46	0°♎	
retrograde	-3624 Oct 07 j 15:36	5°♎10'26	
evening set	-3624 Oct 11 j 23:16	3°♎28'12	
asc. node	-3624 Oct 14 j 21:24	0°♎26'05	
	-3624 Oct 15 j 05:41	30°℞♍	
inferior conj	-3624 Oct 17 j 07:16	27°♍13'08	0°49'14
minimum elong	-3624 Oct 17 j 06:08	27°♍17'01	0°48'46
min. Earth dist.	-3624 Oct 17 j 11:16	26°♍59'19	0.67351 AU
morning rise	-3624 Oct 22 j 12:52	20°♍58'15	
direct	-3624 Oct 27 j 09:08	18°♍56'34	
morning max el	-3624 Nov 06 j 09:40	24°♍55'22	22°58'35
	-3624 Nov 10 j 22:44	0°♎	
desc. node	-3624 Nov 26 j 02:47	20°♎44'27	
	-3624 Dec 02 j 05:21	0°♏	
morning set	-3624 Dec 10 j 18:25	13°♏40'52	
max. Earth dist.	-3624 Dec 15 j 11:27	21°♏37'14	1.39943 AU
	-3624 Dec 20 j 06:09	0°♐	
superior conj	-3624 Dec 23 j 04:40	5°♐19'08	-1°55'24
minimum elong	-3624 Dec 23 j 04:59	5°♐20'34	1°55'31
evening rise	-3623 Jan 01 j 19:05	23°♐24'16	
	-3623 Jan 05 j 06:38	0°♑	
asc. node	-3623 Jan 10 j 20:29	9°♑53'47	
evening max el	-3623 Jan 18 j 01:28	19°♑32'07	18°28'05
retrograde	-3623 Jan 25 j 13:56	23°♑13'24	
evening set	-3623 Jan 28 j 02:18	22°♑49'57	
inferior conj	-3623 Feb 04 j 11:07	18°♑16'59	3°47'13
minimum elong	-3623 Feb 04 j 13:51	18°♑11'30	3°46'46
min. Earth dist.	-3623 Feb 07 j 20:39	15°♑33'59	0.58862 AU
morning rise	-3623 Feb 11 j 23:08	12°♑52'05	
direct	-3623 Feb 18 j 04:00	11°♑12'39	
desc. node	-3623 Feb 22 j 02:05	11°♑51'11	
morning max el	-3623 Mar 04 j 10:26	18°♑47'20	26°43'08
	-3623 Mar 13 j 21:23	0°♒	
	-3623 Mar 31 j 12:01	0°♓	
morning set	-3623 Apr 03 j 03:37	5°♓26'09	
asc. node	-3623 Apr 08 j 19:59	17°♓38'11	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3623 Apr 10 j 04:40	20°♓37'02	0°14'14
minimum elong	-3623 Apr 10 j 04:02	20°♓33'36	0°14'04
behind sun begin	-3623 Apr 10 j 01:46	20°♓21'12	
behind sun end	-3623 Apr 10 j 06:18	20°♓46'00	
max. Earth dist.	-3623 Apr 10 j 05:02	20°♓39'06	1.32566 AU
	-3623 Apr 14 j 12:07	0°♈	
evening rise	-3623 Apr 17 j 04:32	5°♈41'33	
	-3623 Apr 30 j 03:31	0°♉	
evening max el	-3623 May 16 j 14:48	21°♉42'06	26°29'04
desc. node	-3623 May 21 j 00:52	25°♉23'51	
retrograde	-3623 May 30 j 16:34	29°♉00'58	
evening set	-3623 Jun 06 j 02:31	27°♉16'22	
min. Earth dist.	-3623 Jun 10 j 04:04	24°♉35'15	0.59790 AU
inferior conj	-3623 Jun 13 j 12:59	21°♉54'03	-4°21'15
minimum elong	-3623 Jun 13 j 12:39	21°♉54'42	4°21'09
morning rise	-3623 Jun 21 j 01:02	17°♉17'49	
direct	-3623 Jun 23 j 13:21	16°♉54'46	
morning max el	-3623 Jul 01 j 01:36	20°♉31'59	18°18'06
asc. node	-3623 Jul 05 j 19:27	26°♉15'56	
	-3623 Jul 08 j 05:54	0°♊	
morning set	-3623 Jul 17 j 02:36	15°♊58'45	
	-3623 Jul 24 j 13:14	0°♋	
superior conj	-3623 Jul 26 j 13:04	3°♋39'40	1°46'29
minimum elong	-3623 Jul 26 j 14:53	3°♋48'00	1°46'33
max. Earth dist.	-3623 Aug 03 j 00:44	16°♋53'42	1.40674 AU
evening rise	-3623 Aug 07 j 20:42	24°♋59'50	
	-3623 Aug 10 j 22:41	0°♌	
desc. node	-3623 Aug 17 j 00:01	9°♌28'59	
	-3623 Aug 31 j 05:05	0°♍	
evening max el	-3623 Sep 11 j 04:09	13°♍12'26	23°09'26
retrograde	-3623 Sep 21 j 09:11	19°♍15'15	
evening set	-3623 Sep 26 j 06:31	17°♍13'44	
inferior conj	-3623 Oct 01 j 13:59	10°♍55'11	-0°03'53
minimum elong	-3623 Oct 01 j 14:04	10°♍54'52	0°03'49
transit middle	-3623 Oct 01 j 14:04	10°♍54'52	0°03'49
transit begin	-3623 Oct 01 j 11:26	11°♍03'55	
transit end	-3623 Oct 01 j 16:42	10°♍45'50	
min. Earth dist.	-3623 Oct 01 j 07:47	11°♍16'29	0.67445 AU
asc. node	-3623 Oct 01 j 18:31	10°♍39'35	
morning rise	-3623 Oct 06 j 21:30	4°♍43'20	
direct	-3623 Oct 11 j 03:41	3°♍03'03	
morning max el	-3623 Oct 20 j 00:14	8°♍17'26	21°35'00
	-3623 Nov 05 j 14:29	0°♎	
desc. node	-3623 Nov 12 j 23:45	11°♎01'41	
morning set	-3623 Nov 20 j 11:21	22°♎38'54	
	-3623 Nov 25 j 01:20	0°♏	
max. Earth dist.	-3623 Nov 27 j 12:23	4°♏01'51	1.41926 AU
superior conj	-3623 Dec 04 j 23:45	16°♏40'31	-1°50'25
minimum elong	-3623 Dec 04 j 20:31	16°♏26'32	1°50'22
	-3623 Dec 12 j 11:50	0°♐	
evening rise	-3623 Dec 15 j 22:15	6°♐15'25	
asc. node	-3623 Dec 28 j 17:32	28°♐02'49	
	-3623 Dec 30 j 05:09	0°♑	
evening max el	-3622 Jan 01 j 10:42	2°♑29'53	18°09'44
retrograde	-3622 Jan 08 j 06:32	5°♑58'34	
evening set	-3622 Jan 10 j 22:09	5°♑27'39	
inferior conj	-3622 Jan 17 j 16:59	0°♑32'57	4°01'59
minimum elong	-3622 Jan 17 j 16:58	0°♑32'59	4°01'50
	-3622 Jan 18 j 07:05	30°℞♐	
min. Earth dist.	-3622 Jan 20 j 20:59	27°♐37'22	0.60888 AU
morning rise	-3622 Jan 24 j 10:24	24°♐50'37	
direct	-3622 Jan 31 j 07:29	22°♐34'28	
desc. node	-3622 Feb 08 j 23:10	25°♐42'25	
	-3622 Feb 14 j 03:34	0°♑	
morning max el	-3622 Feb 14 j 10:15	0°♑16'16	27°30'51
	-3622 Mar 07 j 20:41	0°♒	
morning set	-3622 Mar 18 j 11:03	20°♒11'26	
	-3622 Mar 23 j 02:22	0°♓	
max. Earth dist.	-3622 Mar 24 j 17:47	3°♓33'45	1.32606 AU
superior conj	-3622 Mar 25 j 16:02	5°♓35'07	-0°10'53
minimum elong	-3622 Mar 25 j 16:32	5°♓37'48	0°10'49
behind sun begin	-3622 Mar 25 j 12:49	5°♓17'34	
behind sun end	-3622 Mar 25 j 20:14	5°♓58'01	
asc. node	-3622 Mar 26 j 16:59	7°♓51'21	
evening rise	-3622 Apr 01 j 15:09	20°♓38'25	
	-3622 Apr 06 j 05:28	0°♈	
	-3622 Apr 25 j 14:07	0°♉	
evening max el	-3622 Apr 28 j 10:21	2°♉56'13	25°16'24
desc. node	-3622 May 07 j 21:59	9°♉17'17	
retrograde	-3622 May 12 j 11:50	10°♉06'10	
evening set	-3622 May 17 j 19:23	9°♉00'24	
min. Earth dist.	-3622 May 22 j 22:38	6°♉10'35	0.57805 AU
inferior conj	-3622 May 26 j 01:58	4°♉00'48	-4°01'02
minimum elong	-3622 May 25 j 22:00	4°♉07'41	4°00'25
	-3622 Jun 02 j 06:52	30°℞♈	
morning rise	-3622 Jun 03 j 03:29	29°♈45'14	
direct	-3622 Jun 05 j 15:24	29°♈26'18	
	-3622 Jun 08 j 20:58	0°♉	
morning max el	-3622 Jun 14 j 05:42	3°♉28'04	18°57'55
asc. node	-3622 Jun 22 j 16:31	14°♉44'51	
morning set	-3622 Jun 30 j 21:43	0°♊00'14	
	-3622 Jun 30 j 21:40	0°♊	
superior conj	-3622 Jul 09 j 10:13	16°♊40'28	1°48'42
minimum elong	-3622 Jul 09 j 09:43	16°♊38'03	1°48'50
max. Earth dist.	-3622 Jul 16 j 02:58	29°♊07'14	1.38720 AU
	-3622 Jul 16 j 14:44	0°♋	
evening rise	-3622 Jul 20 j 01:07	6°♋02'17	
desc. node	-3622 Aug 03 j 21:02	29°♋51'25	
	-3622 Aug 03 j 23:20	0°♌	
evening max el	-3622 Aug 24 j 15:51	26°♌41'37	24°29'37
	-3622 Aug 28 j 08:50	0°♍	
retrograde	-3622 Sep 04 j 23:00	3°♍18'23	
evening set	-3622 Sep 10 j 11:15	0°♍57'45	
	-3622 Sep 11 j 11:45	30°℞♌	
min. Earth dist.	-3622 Sep 15 j 03:07	25°♌34'58	0.67235 AU
inferior conj	-3622 Sep 15 j 19:46	24°♌39'07	-0°57'35
minimum elong	-3622 Sep 15 j 21:08	24°♌34'34	0°56'56
asc. node	-3622 Sep 18 j 15:37	21°♌03'28	
morning rise	-3622 Sep 21 j 06:59	18°♌33'31	
direct	-3622 Sep 25 j 00:50	17°♌12'59	
morning max el	-3622 Oct 02 j 21:46	21°♌48'03	20°20'52
	-3622 Oct 09 j 15:54	0°♍	
	-3622 Oct 29 j 21:04	0°♎	
morning set	-3622 Oct 30 j 10:27	0°♎51'49	
desc. node	-3622 Oct 30 j 20:43	1°♎31'40	
max. Earth dist.	-3622 Nov 09 j 21:21	17°♎20'23	1.43527 AU
superior conj	-3622 Nov 15 j 16:35	26°♎46'42	-1°29'55
minimum elong	-3622 Nov 15 j 09:57	26°♎19'22	1°29'24
	-3622 Nov 17 j 15:15	0°♏	
evening rise	-3622 Nov 28 j 09:06	18°♏19'53	
	-3622 Dec 05 j 02:51	0°♐	
asc. node	-3622 Dec 15 j 14:35	15°♐21'35	
evening max el	-3622 Dec 15 j 22:58	15°♐43'09	18°10'51
retrograde	-3622 Dec 22 j 12:08	19°♐12'14	
evening set	-3622 Dec 25 j 07:08	18°♐32'56	
inferior conj	-3622 Dec 31 j 14:52	13°♐17'18	3°53'07
minimum elong	-3622 Dec 31 j 12:51	13°♐22'35	3°52'45
min. Earth dist.	-3621 Jan 03 j 06:05	10°♐31'23	0.62794 AU
morning rise	-3621 Jan 06 j 17:48	7°♐22'40	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3621 Jan 13 j 19:27	4°♐41'37	
desc. node	-3621 Jan 26 j 20:14	11°♐38'37	
morning max el	-3621 Jan 27 j 15:55	12°♐26'09	27°42'36
	-3621 Feb 10 j 17:14	0°♑	
	-3621 Feb 28 j 05:10	0°♒	
morning set	-3621 Mar 02 j 13:01	4°♒37'21	
max. Earth dist.	-3621 Mar 08 j 02:29	16°♒11'48	1.33014 AU
superior conj	-3621 Mar 10 j 01:27	20°♒23'57	-0°36'05
minimum elong	-3621 Mar 10 j 03:04	20°♒32'41	0°35'51
asc. node	-3621 Mar 13 j 13:58	28°♒01'17	
	-3621 Mar 14 j 11:59	0°♓	
evening rise	-3621 Mar 17 j 02:49	5°♓34'55	
	-3621 Mar 30 j 06:03	0°♈	
evening max el	-3621 Apr 10 j 02:09	13°♈42'07	23°45'53
retrograde	-3621 Apr 23 j 18:40	20°♈31'56	
desc. node	-3621 Apr 24 j 19:05	20°♈29'36	
evening set	-3621 Apr 27 j 17:55	19°♈57'12	
min. Earth dist.	-3621 May 04 j 13:25	16°♈45'39	0.56190 AU
inferior conj	-3621 May 06 j 18:44	15°♈24'50	-3°02'14
minimum elong	-3621 May 06 j 12:40	15°♈34'05	3°00'39
morning rise	-3621 May 15 j 10:19	11°♈24'47	
direct	-3621 May 17 j 22:31	11°♈08'43	
morning max el	-3621 May 28 j 00:36	15°♈49'29	19°58'18
	-3621 Jun 07 j 10:38	0°♉	
asc. node	-3621 Jun 09 j 13:33	3°♉48'46	
morning set	-3621 Jun 15 j 00:25	14°♉26'54	
superior conj	-3621 Jun 22 j 21:39	0°♊26'02	1°42'18
minimum elong	-3621 Jun 22 j 19:40	0°♊16'09	1°42'18
	-3621 Jun 22 j 16:26	0°♊	
max. Earth dist.	-3621 Jun 28 j 06:51	10°♊56'18	1.36856 AU
evening rise	-3621 Jul 02 j 05:26	18°♊15'41	
	-3621 Jul 08 j 22:38	0°♋	
desc. node	-3621 Jul 21 j 18:03	19°♋56'16	
	-3621 Jul 29 j 03:53	0°♌	
evening max el	-3621 Aug 07 j 02:34	10°♌13'04	25°42'56
retrograde	-3621 Aug 19 j 08:24	17°♌15'32	
evening set	-3621 Aug 25 j 11:35	14°♌38'35	
min. Earth dist.	-3621 Aug 29 j 18:51	9°♌52'52	0.66698 AU
inferior conj	-3621 Aug 30 j 22:53	8°♌23'08	-1°50'11
minimum elong	-3621 Aug 31 j 01:26	8°♌14'58	1°49'05
morning rise	-3621 Sep 05 j 15:25	2°♌26'51	
asc. node	-3621 Sep 05 j 12:43	2°♌31'12	
direct	-3621 Sep 08 j 23:01	1°♌23'13	
morning max el	-3621 Sep 16 j 02:33	5°♌27'32	19°20'05
	-3621 Oct 03 j 13:14	0°♍	
morning set	-3621 Oct 09 j 14:30	9°♍26'10	
desc. node	-3621 Oct 17 j 17:39	22°♍09'50	
	-3621 Oct 22 j 17:09	0°♎	
max. Earth dist.	-3621 Oct 23 j 12:22	1°♎15'58	1.44541 AU
superior conj	-3621 Oct 26 j 06:45	5°♎39'09	-0°52'39
minimum elong	-3621 Oct 26 j 00:35	5°♎14'38	0°51'55
evening rise	-3621 Nov 09 j 22:55	29°♎27'43	
	-3621 Nov 10 j 06:43	0°♏	
evening max el	-3621 Nov 29 j 11:22	29°♏04'26	18°30'35
	-3621 Nov 30 j 10:18	0°♐	
asc. node	-3621 Dec 02 j 11:40	1°♐35'12	
retrograde	-3621 Dec 06 j 02:17	2°♐44'39	
evening set	-3621 Dec 09 j 01:43	1°♐55'39	
	-3621 Dec 11 j 15:43	30°℞♏	
inferior conj	-3621 Dec 15 j 00:51	26°♏21'28	3°27'57
minimum elong	-3621 Dec 14 j 21:52	26°♏30'08	3°27'13
min. Earth dist.	-3621 Dec 17 j 01:17	24°♏00'29	0.64411 AU
morning rise	-3621 Dec 20 j 17:35	20°♏17'48	
direct	-3621 Dec 27 j 14:32	17°♏26'41	

morning max el	-3620 Jan 10 j 01:00	25°♏08'30	27°19'16
desc. node	-3620 Jan 13 j 17:16	29°♏04'15	
	-3620 Jan 14 j 12:35	0°♐	
	-3620 Feb 04 j 03:30	0°♑	
morning set	-3620 Feb 14 j 06:40	18°♑33'47	
max. Earth dist.	-3620 Feb 19 j 03:08	28°♑19'46	1.33820 AU
	-3620 Feb 19 j 22:29	0°♒	
superior conj	-3620 Feb 22 j 06:59	4°♒56'24	-1°00'26
minimum elong	-3620 Feb 22 j 09:34	5°♒10'03	1°00'06
asc. node	-3620 Feb 28 j 10:58	18°♒03'03	
evening rise	-3620 Feb 29 j 13:45	20°♒23'47	
	-3620 Mar 05 j 07:40	0°♓	
evening max el	-3620 Mar 21 j 20:07	24°♓25'57	22°11'52
	-3620 Mar 30 j 12:27	0°♈	
retrograde	-3620 Apr 03 j 13:52	0°♈38'06	
evening set	-3620 Apr 06 j 10:17	0°♈20'07	
	-3620 Apr 07 j 18:20	30°℞♓	
desc. node	-3620 Apr 10 j 16:11	28°♓54'08	
min. Earth dist.	-3620 Apr 15 j 03:16	26°♓34'12	0.55267 AU
inferior conj	-3620 Apr 15 j 19:09	26°♓11'44	-1°24'22
minimum elong	-3620 Apr 15 j 15:21	26°♓17'07	1°23'07
morning rise	-3620 Apr 24 j 21:54	22°♓14'09	
direct	-3620 Apr 27 j 14:04	21°♓58'00	
morning max el	-3620 May 09 j 08:48	27°♓30'07	21°17'55
	-3620 May 11 j 19:21	0°♈	
asc. node	-3620 May 26 j 10:33	23°♈18'50	
morning set	-3620 May 29 j 08:14	29°♈11'39	
	-3620 May 29 j 17:36	0°♉	
superior conj	-3620 Jun 05 j 19:06	14°♉43'57	1°29'33
minimum elong	-3620 Jun 05 j 16:29	14°♉30'25	1°29'21
max. Earth dist.	-3620 Jun 09 j 17:55	22°♉46'45	1.35268 AU
	-3620 Jun 13 j 10:21	0°♊	
evening rise	-3620 Jun 14 j 04:30	1°♊26'40	
	-3620 Jun 30 j 22:42	0°♋	
desc. node	-3620 Jul 07 j 15:05	9°♋35'47	
evening max el	-3620 Jul 19 j 13:42	23°♋42'46	26°41'24
	-3620 Jul 28 j 03:34	0°♌	
retrograde	-3620 Aug 01 j 13:02	1°♌00'39	
	-3620 Aug 05 j 14:38	30°℞♋	
evening set	-3620 Aug 08 j 05:18	28°♋13'52	
min. Earth dist.	-3620 Aug 12 j 04:43	24°♋06'25	0.65802 AU
inferior conj	-3620 Aug 13 j 21:23	22°♋04'38	-2°39'46
minimum elong	-3620 Aug 14 j 00:52	21°♋54'12	2°38'28
morning rise	-3620 Aug 19 j 20:47	16°♋20'46	
asc. node	-3620 Aug 22 j 09:49	15°♋31'49	
direct	-3620 Aug 22 j 20:27	15°♋30'43	
morning max el	-3620 Aug 29 j 13:10	19°♋13'19	18°34'52
	-3620 Sep 06 j 16:58	0°♌	
morning set	-3620 Sep 18 j 17:55	19°♌11'13	
	-3620 Sep 25 j 11:32	0°♍	
desc. node	-3620 Oct 03 j 14:36	12°♍53'12	
superior conj	-3620 Oct 04 j 06:37	13°♍56'21	-0°04'16
minimum elong	-3620 Oct 04 j 06:04	13°♍54'09	0°04'09
behind sun begin	-3620 Oct 03 j 19:00	13°♍10'31	
behind sun end	-3620 Oct 04 j 17:08	14°♍37'47	
max. Earth dist.	-3620 Oct 05 j 06:12	15°♍29'14	1.44850 AU
	-3620 Oct 14 j 11:22	0°♎	
evening rise	-3620 Oct 20 j 12:14	9°♎32'41	
greatest brilliancy	-3620 Oct 29 j 02:46	23°♎09'57	-0.8m
	-3620 Nov 02 j 12:46	0°♏	
evening max el	-3620 Nov 11 j 21:32	12°♏30'07	19°07'46
asc. node	-3620 Nov 18 j 08:45	16°♏28'41	
retrograde	-3620 Nov 18 j 21:18	16°♏30'14	
evening set	-3620 Nov 22 j 02:58	15°♏29'34	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3620 Nov 27 j 19:39	9°♏39'53	2°51'42
minimum elong	-3620 Nov 27 j 16:33	9°♏49'39	2°50'44
min. Earth dist.	-3620 Nov 29 j 05:54	7°♏52'04	0.65681 AU
morning rise	-3620 Dec 03 j 05:49	3°♏29'49	
direct	-3620 Dec 09 j 16:07	0°♏42'15	
morning max el	-3620 Dec 22 j 10:46	8°♏11'04	26°26'29
desc. node	-3620 Dec 30 j 14:17	17°♏33'20	
	-3619 Jan 08 j 13:47	0°♐	
	-3619 Jan 26 j 12:57	0°♑	
morning set	-3619 Jan 27 j 12:16	1°♑49'06	
max. Earth dist.	-3619 Jan 31 j 16:25	9°♑51'32	1.35067 AU
superior conj	-3619 Feb 05 j 06:26	19°♑05'38	-1°22'36
minimum elong	-3619 Feb 05 j 09:36	19°♑21'52	1°22'19
	-3619 Feb 10 j 12:29	0°♒	
evening rise	-3619 Feb 12 j 22:08	4°♒58'59	
asc. node	-3619 Feb 14 j 07:58	7°♒52'08	
	-3619 Feb 27 j 01:43	0°♓	
evening max el	-3619 Mar 03 j 22:19	5°♓33'57	20°46'40
retrograde	-3619 Mar 15 j 03:30	10°♓54'45	
evening set	-3619 Mar 17 j 11:29	10°♓41'47	
inferior conj	-3619 Mar 26 j 14:27	6°♓43'59	0°32'28
minimum elong	-3619 Mar 26 j 15:55	6°♓41'52	0°31'54
min. Earth dist.	-3619 Mar 27 j 17:29	6°♓05'06	0.55258 AU
desc. node	-3619 Mar 28 j 13:19	5°♓36'56	
morning rise	-3619 Apr 04 j 19:20	2°♓30'20	
direct	-3619 Apr 08 j 02:06	2°♓06'53	
morning max el	-3619 Apr 21 j 06:52	8°♓31'32	22°52'01
	-3619 May 06 j 14:57	0°♈	
asc. node	-3619 May 13 j 07:33	13°♈07'52	
morning set	-3619 May 13 j 19:05	14°♈07'54	
superior conj	-3619 May 20 j 23:23	29°♈23'54	1°12'09
minimum elong	-3619 May 20 j 20:48	29°♈10'10	1°11'48
	-3619 May 21 j 06:11	0°♉	
max. Earth dist.	-3619 May 23 j 14:55	4°♉58'38	1.34050 AU
evening rise	-3619 May 28 j 17:19	15°♉20'32	
	-3619 Jun 05 j 13:37	0°♊	
desc. node	-3619 Jun 24 j 12:10	28°♊38'34	
	-3619 Jun 25 j 14:41	0°♋	
evening max el	-3619 Jul 02 j 00:57	7°♋01'23	27°17'17
retrograde	-3619 Jul 15 j 12:16	14°♋24'59	
evening set	-3619 Jul 22 j 13:35	11°♋38'39	
min. Earth dist.	-3619 Jul 26 j 06:37	8°♋07'41	0.64531 AU
inferior conj	-3619 Jul 28 j 12:56	5°♋38'43	-3°23'50
minimum elong	-3619 Jul 28 j 16:49	5°♋28'04	3°22'42
morning rise	-3619 Aug 03 j 20:42	0°♋10'15	
	-3619 Aug 04 j 05:58	30°℞♊	
direct	-3619 Aug 06 j 14:47	29°♊30'34	
	-3619 Aug 08 j 23:44	0°♋	
asc. node	-3619 Aug 09 j 06:54	0°♋07'46	
morning max el	-3619 Aug 13 j 03:13	2°♋59'51	18°06'30
	-3619 Aug 30 j 21:12	0°♌	
morning set	-3619 Aug 31 j 00:47	0°♌15'08	
superior conj	-3619 Sep 13 j 14:24	22°♌40'29	0°43'03
minimum elong	-3619 Sep 13 j 19:08	22°♌59'32	0°42'32
max. Earth dist.	-3619 Sep 17 j 23:36	29°♌40'59	1.44433 AU
	-3619 Sep 18 j 04:23	0°♍	
desc. node	-3619 Sep 20 j 11:34	3°♍38'09	
evening rise	-3619 Sep 30 j 02:44	18°♍39'54	
	-3619 Oct 07 j 11:33	0°♎	
greatest brilliancy	-3619 Oct 13 j 14:51	9°♎16'35	-0.7m
evening max el	-3619 Oct 26 j 03:20	25°♎57'00	20°00'49
	-3619 Oct 31 j 14:49	0°♏	
retrograde	-3619 Nov 02 j 18:23	0°♏24'49	
	-3619 Nov 04 j 20:06	30°℞♎	
asc. node	-3619 Nov 05 j 05:51	29°♎49'12	
evening set	-3619 Nov 06 j 08:26	29°♎09'55	
inferior conj	-3619 Nov 11 j 20:28	23°♎07'53	2°07'53
minimum elong	-3619 Nov 11 j 17:50	23°♎16'36	2°06'54
min. Earth dist.	-3619 Nov 12 j 17:57	21°♎56'33	0.66593 AU
morning rise	-3619 Nov 17 j 03:01	16°♎54'03	
direct	-3619 Nov 22 j 23:20	14°♎20'09	
morning max el	-3619 Dec 04 j 19:34	21°♎22'09	25°12'59
	-3619 Dec 12 j 08:10	0°♏	
desc. node	-3619 Dec 17 j 11:18	6°♏47'04	
	-3618 Jan 01 j 19:22	0°♐	
morning set	-3618 Jan 10 j 00:50	14°♐08'42	
max. Earth dist.	-3618 Jan 13 j 18:17	20°♐58'12	1.36747 AU
	-3618 Jan 18 j 11:40	0°♑	
superior conj	-3618 Jan 19 j 20:56	2°♑43'27	-1°40'49
minimum elong	-3618 Jan 19 j 23:57	2°♑58'22	1°40'42
evening rise	-3618 Jan 28 j 01:55	19°♑14'31	
asc. node	-3618 Feb 01 j 05:00	27°♑23'17	
	-3618 Feb 02 j 14:12	0°♒	
evening max el	-3618 Feb 14 j 11:13	17°♒17'58	19°37'35
retrograde	-3618 Feb 23 j 23:42	21°♒49'13	
evening set	-3618 Feb 26 j 07:05	21°♒34'29	
inferior conj	-3618 Mar 06 j 18:44	17°♒30'26	2°15'44
minimum elong	-3618 Mar 06 j 23:32	17°♒22'48	2°14'17
min. Earth dist.	-3618 Mar 09 j 08:09	15°♒53'06	0.56161 AU
desc. node	-3618 Mar 15 j 10:25	12°♒50'56	
morning rise	-3618 Mar 15 j 13:26	12°♒48'29	
direct	-3618 Mar 19 j 22:42	12°♒05'11	
morning max el	-3618 Apr 02 j 22:35	19°♒08'54	24°31'08
	-3618 Apr 12 j 00:10	0°♓	
morning set	-3618 Apr 28 j 07:16	29°♓10'16	
	-3618 Apr 28 j 16:44	0°♈	
asc. node	-3618 Apr 30 j 04:34	3°♈10'26	
superior conj	-3618 May 05 j 08:07	14°♈18'17	0°51'23
minimum elong	-3618 May 05 j 06:03	14°♈07'05	0°51'01
max. Earth dist.	-3618 May 06 j 20:54	17°♈36'41	1.33207 AU
evening rise	-3618 May 12 j 15:54	29°♈45'10	
	-3618 May 12 j 18:49	0°♉	
	-3618 May 29 j 15:31	0°♊	
desc. node	-3618 Jun 11 j 09:15	16°♊49'15	
evening max el	-3618 Jun 14 j 10:33	19°♊57'12	27°24'06
retrograde	-3618 Jun 28 j 05:20	27°♊20'10	
evening set	-3618 Jul 05 j 08:58	24°♊47'30	
min. Earth dist.	-3618 Jul 08 j 22:58	21°♊46'30	0.62901 AU
inferior conj	-3618 Jul 11 j 18:48	18°♊59'49	-3°58'48
minimum elong	-3618 Jul 11 j 22:09	18°♊51'35	3°58'08
morning rise	-3618 Jul 18 j 12:23	13°♊49'49	
direct	-3618 Jul 21 j 03:05	13°♊17'51	
asc. node	-3618 Jul 27 j 03:59	16°♊08'33	
morning max el	-3618 Jul 27 j 18:07	16°♊42'05	17°56'02
	-3618 Aug 06 j 04:12	0°♋	
morning set	-3618 Aug 13 j 07:09	12°♋26'30	
	-3618 Aug 23 j 09:17	0°♌	
superior conj	-3618 Aug 24 j 22:36	2°♌37'32	1°18'54
minimum elong	-3618 Aug 25 j 04:09	3°♌00'50	1°18'28
max. Earth dist.	-3618 Aug 31 j 14:04	13°♌35'07	1.43352 AU
desc. node	-3618 Sep 07 j 08:34	24°♌21'41	
evening rise	-3618 Sep 09 j 07:02	27°♌22'54	
	-3618 Sep 10 j 23:37	0°♍	
	-3618 Oct 01 j 09:40	0°♎	
evening max el	-3618 Oct 09 j 03:19	9°♎23'34	21°07'11
retrograde	-3618 Oct 17 j 15:19	14°♎25'35	
evening set	-3618 Oct 21 j 16:02	12°♎53'52	
asc. node	-3618 Oct 23 j 02:58	11°♎35'39	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3618 Oct 27 j 01:03	6°♎42'44	1°18'58
minimum elong	-3618 Oct 26 j 23:18	6°♎48'42	1°18'15
min. Earth dist.	-3618 Oct 27 j 11:08	6°♎08'12	0.67167 AU
morning rise	-3618 Nov 01 j 06:25	0°♎27'39	
	-3618 Nov 01 j 19:48	30°℞♍	
direct	-3618 Nov 06 j 11:28	28°♍13'30	
	-3618 Nov 11 j 16:28	0°♎	
morning max el	-3618 Nov 17 j 04:20	4°♎36'39	23°48'29
desc. node	-3618 Dec 04 j 08:17	26°♎32'22	
	-3618 Dec 06 j 16:57	0°♏	
morning set	-3618 Dec 22 j 14:10	25°♏15'33	
	-3618 Dec 25 j 08:05	0°♐	
max. Earth dist.	-3618 Dec 26 j 14:20	2°♐12'59	1.38748 AU
superior conj	-3617 Jan 02 j 22:37	15°♐38'40	-1°52'42
minimum elong	-3617 Jan 03 j 00:21	15°♐46'50	1°52'45
	-3617 Jan 10 j 09:09	0°♑	
evening rise	-3617 Jan 11 j 22:40	3°♑03'16	
asc. node	-3617 Jan 19 j 02:04	16°♑29'23	
evening max el	-3617 Jan 28 j 09:53	29°♑35'46	18°47'37
	-3617 Jan 28 j 20:14	0°♒	
retrograde	-3617 Feb 05 j 12:38	3°♒30'50	
evening set	-3617 Feb 07 j 23:12	3°♒10'59	
	-3617 Feb 14 j 02:22	30°℞♑	
inferior conj	-3617 Feb 15 j 17:18	28°♑49'35	3°24'32
minimum elong	-3617 Feb 15 j 21:27	28°♑41'53	3°23'38
min. Earth dist.	-3617 Feb 19 j 00:10	26°♑25'13	0.57760 AU
morning rise	-3617 Feb 23 j 17:12	23°♑38'40	
direct	-3617 Mar 01 j 07:48	22°♑22'08	
desc. node	-3617 Mar 02 j 07:31	22°♑24'32	
morning max el	-3617 Mar 15 j 14:04	29°♑48'09	26°01'19
	-3617 Mar 15 j 18:56	0°♒	
	-3617 Apr 05 j 15:27	0°♓	
morning set	-3617 Apr 12 j 19:02	14°♓11'21	
asc. node	-3617 Apr 17 j 01:35	23°♓20'36	
superior conj	-3617 Apr 19 j 19:13	29°♓18'57	0°28'16
minimum elong	-3617 Apr 19 j 17:59	29°♓12'17	0°28'00
	-3617 Apr 20 j 02:43	0°♈	
max. Earth dist.	-3617 Apr 20 j 08:33	0°♈31'48	1.32710 AU
evening rise	-3617 Apr 26 j 20:59	14°♈28'47	
	-3617 May 04 j 19:56	0°♉	
	-3617 May 25 j 09:34	0°♊	
evening max el	-3617 May 27 j 15:43	2°♊16'44	26°58'18
desc. node	-3617 May 29 j 06:21	3°♊45'04	
retrograde	-3617 Jun 10 j 15:10	9°♊37'01	
evening set	-3617 Jun 17 j 11:15	7°♊31'34	
min. Earth dist.	-3617 Jun 21 j 05:14	4°♊48'13	0.60976 AU
inferior conj	-3617 Jun 24 j 11:34	1°♊59'16	-4°19'12
minimum elong	-3617 Jun 24 j 13:00	1°♊56'08	4°19'00
	-3617 Jun 26 j 20:41	30°℞♉	
morning rise	-3617 Jul 01 j 16:28	27°♉10'23	
direct	-3617 Jul 04 j 05:28	26°♉44'20	
	-3617 Jul 11 j 01:34	0°♊	
morning max el	-3617 Jul 11 j 07:07	0°♊13'11	18°04'26
asc. node	-3617 Jul 14 j 01:03	3°♊18'15	
morning set	-3617 Jul 27 j 07:23	25°♊29'50	
	-3617 Jul 29 j 17:45	0°♋	
superior conj	-3617 Aug 06 j 10:14	13°♋56'27	1°40'15
minimum elong	-3617 Aug 06 j 13:37	14°♋11'27	1°40'11
max. Earth dist.	-3617 Aug 13 j 23:25	26°♋55'29	1.41746 AU
	-3617 Aug 15 j 19:53	0°♌	
evening rise	-3617 Aug 19 j 20:47	6°♌33'41	
desc. node	-3617 Aug 25 j 05:33	15°♌00'24	
	-3617 Sep 04 j 05:42	0°♍	
evening max el	-3617 Sep 21 j 21:10	22°♍49'24	22°23'18

retrograde	-3617 Oct 01 j 10:30	28°♍29'59	
evening set	-3617 Oct 05 j 23:54	26°♍39'24	
asc. node	-3617 Oct 10 j 00:04	22°♍09'57	
inferior conj	-3617 Oct 11 j 07:28	20°♍22'29	0°26'53
minimum elong	-3617 Oct 11 j 06:51	20°♍24'39	0°26'38
min. Earth dist.	-3617 Oct 11 j 07:02	20°♍23'58	0.67426 AU
morning rise	-3617 Oct 16 j 13:41	14°♍08'50	
direct	-3617 Oct 21 j 03:47	12°♍16'29	
morning max el	-3617 Oct 30 j 16:01	17°♍55'43	22°22'22
	-3617 Nov 09 j 14:26	0°♎	
desc. node	-3617 Nov 21 j 05:17	16°♎40'09	
	-3617 Nov 29 j 20:36	0°♏	
morning set	-3617 Dec 02 j 23:15	4°♏59'17	
max. Earth dist.	-3617 Dec 08 j 12:21	14°♏09'26	1.40815 AU
superior conj	-3617 Dec 16 j 06:31	27°♏38'32	-1°54'58
minimum elong	-3617 Dec 16 j 05:28	27°♏33'49	1°55'04
	-3617 Dec 17 j 13:59	0°♐	
evening rise	-3617 Dec 26 j 09:21	16°♐18'21	
	-3616 Jan 02 j 21:17	0°♑	
asc. node	-3616 Jan 05 j 23:07	5°♑02'26	
evening max el	-3616 Jan 11 j 16:01	12°♑21'17	18°17'46
retrograde	-3616 Jan 18 j 20:10	15°♑55'48	
evening set	-3616 Jan 21 j 09:54	15°♑29'18	
inferior conj	-3616 Jan 28 j 12:23	10°♑46'47	3°56'55
minimum elong	-3616 Jan 28 j 13:55	10°♑43'30	3°56'41
min. Earth dist.	-3616 Jan 31 j 20:37	7°♑55'41	0.59722 AU
morning rise	-3616 Feb 04 j 16:03	5°♑13'29	
direct	-3616 Feb 11 j 05:03	3°♑17'56	
desc. node	-3616 Feb 17 j 04:37	4°♑47'50	
morning max el	-3616 Feb 25 j 10:33	10°♑56'00	27°07'38
	-3616 Mar 11 j 06:37	0°♒	
morning set	-3616 Mar 27 j 04:38	29°♒04'51	
	-3616 Mar 27 j 15:13	0°♓	
asc. node	-3616 Apr 02 j 22:35	13°♓34'00	
superior conj	-3616 Apr 03 j 06:58	14°♓19'51	0°03'40
minimum elong	-3616 Apr 03 j 06:48	14°♓18'58	0°03'36
behind sun begin	-3616 Apr 03 j 01:54	13°♓52'11	
behind sun end	-3616 Apr 03 j 11:41	14°♓45'45	
max. Earth dist.	-3616 Apr 02 j 22:01	13°♓30'55	1.32548 AU
evening rise	-3616 Apr 10 j 06:10	29°♓23'00	
	-3616 Apr 10 j 13:14	0°♈	
	-3616 Apr 27 j 06:16	0°♉	
evening max el	-3616 May 08 j 14:28	13°♉53'07	26°00'55
desc. node	-3616 May 15 j 03:26	18°♉55'43	
retrograde	-3616 May 22 j 16:29	21°♉09'15	
evening set	-3616 May 28 j 16:44	19°♉40'58	
min. Earth dist.	-3616 Jun 02 j 03:03	16°♉58'17	0.58929 AU
inferior conj	-3616 Jun 05 j 11:34	14°♉27'41	-4°16'49
minimum elong	-3616 Jun 05 j 09:42	14°♉31'11	4°16'36
morning rise	-3616 Jun 13 j 05:15	10°♉00'54	
direct	-3616 Jun 15 j 17:27	9°♉39'43	
morning max el	-3616 Jun 23 j 15:21	13°♉25'10	18°32'35
asc. node	-3616 Jun 29 j 22:06	21°♉22'06	
	-3616 Jul 04 j 23:39	0°♊	
morning set	-3616 Jul 09 j 20:41	9°♊12'47	
superior conj	-3616 Jul 18 j 20:51	26°♊25'03	1°48'39
minimum elong	-3616 Jul 18 j 21:36	26°♊28'31	1°48'47
	-3616 Jul 20 j 19:23	0°♋	
max. Earth dist.	-3616 Jul 26 j 02:59	9°♋30'48	1.39840 AU
evening rise	-3616 Jul 30 j 09:57	16°♋51'28	
	-3616 Aug 07 j 12:44	0°♌	
desc. node	-3616 Aug 11 j 02:33	5°♌30'09	
	-3616 Aug 28 j 19:25	0°♍	
evening max el	-3616 Sep 03 j 10:11	6°♍15'51	23°43'55

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3616 Sep 14 j 02:39	12°♍34'31	
evening set	-3616 Sep 19 j 06:16	10°♍24'28	
min. Earth dist.	-3616 Sep 24 j 03:18	4°♍41'38	0.67385 AU
inferior conj	-3616 Sep 24 j 13:57	4°♍05'15	-0°26'44
minimum elong	-3616 Sep 24 j 14:35	4°♍03'07	0°26'24
asc. node	-3616 Sep 25 j 21:11	2°♍19'58	
	-3616 Sep 27 j 18:37	30°℞♌	
morning rise	-3616 Sep 29 j 22:51	27°♌55'47	
direct	-3616 Oct 03 j 23:25	26°♌24'27	
	-3616 Oct 10 j 23:43	0°♍	
morning max el	-3616 Oct 12 j 09:28	1°♍21'32	21°02'08
	-3616 Nov 02 j 11:01	0°♎	
desc. node	-3616 Nov 07 j 02:13	7°♎03'17	
morning set	-3616 Nov 11 j 06:20	13°♎31'16	
max. Earth dist.	-3616 Nov 19 j 16:31	26°♎57'24	1.42659 AU
	-3616 Nov 21 j 13:08	0°♏	
superior conj	-3616 Nov 26 j 14:50	8°♏28'19	-1°43'48
minimum elong	-3616 Nov 26 j 09:57	8°♏07'40	1°43'34
evening rise	-3616 Dec 08 j 06:06	28°♏50'43	
	-3616 Dec 08 j 21:35	0°♐	
asc. node	-3616 Dec 22 j 20:10	22°♐51'45	
evening max el	-3616 Dec 25 j 02:49	25°♐26'10	18°07'52
retrograde	-3616 Dec 31 j 18:55	28°♐53'56	
evening set	-3615 Jan 03 j 11:44	28°♐19'46	
inferior conj	-3615 Jan 10 j 01:33	23°♐16'02	4°00'36
minimum elong	-3615 Jan 10 j 00:34	23°♐18'28	4°00'25
min. Earth dist.	-3615 Jan 13 j 00:40	20°♐21'56	0.61721 AU
morning rise	-3615 Jan 16 j 12:13	17°♐27'38	
direct	-3615 Jan 23 j 12:25	14°♐59'01	
desc. node	-3615 Feb 03 j 01:40	19°♐36'32	
morning max el	-3615 Feb 06 j 13:14	22°♐43'26	27°40'19
	-3615 Feb 13 j 01:09	0°♑	
	-3615 Mar 04 j 08:46	0°♒	
morning set	-3615 Mar 11 j 10:05	13°♒43'26	
max. Earth dist.	-3615 Mar 17 j 09:28	26°♒20'06	1.32730 AU
superior conj	-3615 Mar 18 j 17:44	29°♒15'06	-0°21'36
minimum elong	-3615 Mar 18 j 18:42	29°♒20'25	0°21'28
	-3615 Mar 19 j 01:59	0°♓	
asc. node	-3615 Mar 20 j 19:35	3°♓46'32	
evening rise	-3615 Mar 25 j 17:26	14°♓20'37	
	-3615 Apr 02 j 15:28	0°♈	
evening max el	-3615 Apr 20 j 07:45	24°♈52'47	24°39'13
	-3615 Apr 27 j 03:06	0°♉	
desc. node	-3615 May 02 j 00:31	1°♉44'54	
retrograde	-3615 May 04 j 07:15	1°♉56'57	
evening set	-3615 May 09 j 01:00	1°♉05'57	
	-3615 May 11 j 14:09	30°℞♈	
min. Earth dist.	-3615 May 14 j 19:48	28°♈08'05	0.57049 AU
inferior conj	-3615 May 17 j 15:58	26°♈17'10	-3°41'13
minimum elong	-3615 May 17 j 10:43	26°♈25'46	3°40'10
morning rise	-3615 May 25 j 23:33	22°♈09'26	
direct	-3615 May 28 j 11:12	21°♈52'06	
morning max el	-3615 Jun 06 j 15:58	26°♈08'53	19°21'07
	-3615 Jun 10 j 04:02	0°♉	
asc. node	-3615 Jun 16 j 19:08	10°♉07'39	
morning set	-3615 Jun 23 j 19:24	23°♉26'26	
	-3615 Jun 27 j 02:08	0°♊	
superior conj	-3615 Jul 02 j 00:44	9°♊47'31	1°46'54
minimum elong	-3615 Jul 01 j 23:30	9°♊41'28	1°46'59
max. Earth dist.	-3615 Jul 08 j 04:42	21°♊29'38	1.37899 AU
evening rise	-3615 Jul 12 j 01:10	28°♊26'27	
	-3615 Jul 12 j 22:28	0°♋	
desc. node	-3615 Jul 28 j 23:33	25°♋46'21	
	-3615 Jul 31 j 21:48	0°♌	

evening max el	-3615 Aug 16 j 21:07	19°♌46'17	25°02'08
retrograde	-3615 Aug 28 j 14:49	26°♌35'58	
evening set	-3615 Sep 03 j 09:23	24°♌07'56	
min. Earth dist.	-3615 Sep 07 j 21:29	19°♌00'26	0.67042 AU
inferior conj	-3615 Sep 08 j 18:50	17°♌50'00	-1°20'10
minimum elong	-3615 Sep 08 j 20:43	17°♌43'47	1°19'18
asc. node	-3615 Sep 12 j 18:17	13°♌05'59	
morning rise	-3615 Sep 14 j 08:06	11°♌47'46	
direct	-3615 Sep 17 j 21:14	10°♌34'54	
morning max el	-3615 Sep 25 j 10:08	14°♌56'16	19°53'09
	-3615 Oct 06 j 21:43	0°♍	
morning set	-3615 Oct 21 j 04:23	21°♍44'10	
desc. node	-3615 Oct 24 j 23:11	27°♍37'13	
	-3615 Oct 26 j 11:43	0°♎	
max. Earth dist.	-3615 Nov 02 j 03:42	10°♎31'19	1.44035 AU
superior conj	-3615 Nov 06 j 19:43	18°♎01'00	-1°16'02
minimum elong	-3615 Nov 06 j 12:35	17°♎32'08	1°15'19
	-3615 Nov 14 j 02:44	0°♏	
evening rise	-3615 Nov 20 j 08:28	10°♏31'31	
	-3615 Dec 02 j 00:54	0°♐	
evening max el	-3615 Dec 08 j 15:27	8°♐43'26	18°17'07
asc. node	-3615 Dec 09 j 17:14	9°♐44'37	
retrograde	-3615 Dec 15 j 04:27	12°♐15'58	
evening set	-3615 Dec 18 j 01:09	11°♐32'48	
inferior conj	-3615 Dec 24 j 04:58	6°♐09'18	3°44'02
minimum elong	-3615 Dec 24 j 02:26	6°♐16'18	3°43'32
min. Earth dist.	-3615 Dec 26 j 14:06	3°♐32'14	0.63522 AU
morning rise	-3615 Dec 30 j 03:05	0°♐10'31	
	-3615 Dec 30 j 08:27	30°℞♏	
direct	-3614 Jan 06 j 03:48	27°♏22'57	
	-3614 Jan 13 j 16:04	0°♐	
morning max el	-3614 Jan 19 j 20:31	5°♐07'47	27°36'40
desc. node	-3614 Jan 20 j 22:43	6°♐14'09	
	-3614 Feb 07 j 17:52	0°♑	
morning set	-3614 Feb 23 j 08:54	27°♑58'11	
	-3614 Feb 24 j 09:11	0°♒	
max. Earth dist.	-3614 Feb 28 j 14:58	8°♒45'37	1.33299 AU
superior conj	-3614 Mar 03 j 01:45	13°♒58'08	-0°46'35
minimum elong	-3614 Mar 03 j 03:49	14°♒09'10	0°46'18
asc. node	-3614 Mar 07 j 16:34	23°♒53'41	
evening rise	-3614 Mar 10 j 05:00	29°♒14'43	
	-3614 Mar 10 j 13:38	0°♓	
	-3614 Mar 27 j 23:15	0°♈	
evening max el	-3614 Apr 01 j 23:53	5°♈35'29	23°05'38
retrograde	-3614 Apr 15 j 08:54	12°♈11'12	
evening set	-3614 Apr 18 j 19:03	11°♈45'35	
desc. node	-3614 Apr 18 j 21:38	11°♈43'59	
min. Earth dist.	-3614 Apr 26 j 10:19	8°♈21'09	0.55694 AU
inferior conj	-3614 Apr 28 j 01:00	7°♈24'42	-2°24'53
minimum elong	-3614 Apr 27 j 19:18	7°♈33'03	2°23'12
morning rise	-3614 May 06 j 21:56	3°♈27'16	
direct	-3614 May 09 j 10:55	3°♈11'42	
morning max el	-3614 May 20 j 06:26	8°♈13'53	20°29'53
asc. node	-3614 Jun 03 j 16:09	29°♈23'55	
	-3614 Jun 03 j 23:40	0°♉	
morning set	-3614 Jun 08 j 00:35	8°♉01'59	
superior conj	-3614 Jun 15 j 16:54	23°♉48'28	1°37'34
minimum elong	-3614 Jun 15 j 14:33	23°♉36'35	1°37'28
	-3614 Jun 18 j 19:01	0°♊	
max. Earth dist.	-3614 Jun 20 j 11:08	3°♊16'37	1.36145 AU
evening rise	-3614 Jun 24 j 14:13	11°♊07'01	
	-3614 Jul 05 j 11:34	0°♋	
desc. node	-3614 Jul 15 j 20:36	15°♋41'43	
	-3614 Jul 27 j 03:46	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3614 Jul 30 j 08:10	3°♌18'45	26°10'07
retrograde	-3614 Aug 11 j 22:14	10°♌28'42	
evening set	-3614 Aug 18 j 07:11	7°♌46'56	
min. Earth dist.	-3614 Aug 22 j 11:08	3°♌17'07	0.66365 AU
inferior conj	-3614 Aug 23 j 20:16	1°♌33'44	-2°11'43
minimum elong	-3614 Aug 23 j 23:15	1°♌24'23	2°10'30
	-3614 Aug 25 j 02:43	30°℞♋	
morning rise	-3614 Aug 29 j 15:31	25°♋42'03	
asc. node	-3614 Aug 30 j 15:22	25°♋11'35	
direct	-3614 Sep 01 j 19:30	24°♋44'28	
morning max el	-3614 Sep 08 j 17:33	28°♋38'32	18°58'45
	-3614 Sep 09 j 23:47	0°♌	
	-3614 Sep 30 j 05:35	0°♍	
morning set	-3614 Sep 30 j 17:00	0°♍45'06	
desc. node	-3614 Oct 11 j 20:10	18°♍18'08	
max. Earth dist.	-3614 Oct 15 j 20:15	24°♍36'33	1.44765 AU
superior conj	-3614 Oct 17 j 01:30	26°♍31'54	-0°32'50
minimum elong	-3614 Oct 16 j 21:17	26°♍15'17	0°32'16
	-3614 Oct 19 j 06:09	0°♎	
evening rise	-3614 Nov 01 j 12:04	21°♎12'46	
	-3614 Nov 06 j 21:54	0°♏	
evening max el	-3614 Nov 22 j 03:17	22°♏07'36	18°44'28
asc. node	-3614 Nov 26 j 14:18	25°♏26'21	
retrograde	-3614 Nov 28 j 20:58	25°♏54'52	
evening set	-3614 Dec 01 j 22:55	25°♏01'04	
inferior conj	-3614 Dec 07 j 19:03	19°♏20'03	3°13'41
minimum elong	-3614 Dec 07 j 15:56	19°♏29'27	3°12'50
min. Earth dist.	-3614 Dec 09 j 13:19	17°♏12'37	0.64996 AU
morning rise	-3614 Dec 13 j 08:37	13°♏13'41	
direct	-3614 Dec 20 j 01:46	10°♏22'31	
morning max el	-3613 Jan 02 j 05:57	17°♏59'40	27°00'02
desc. node	-3613 Jan 07 j 19:45	24°♏09'35	
	-3613 Jan 12 j 09:54	0°♐	
	-3613 Jan 31 j 15:05	0°♑	
morning set	-3613 Feb 06 j 21:58	11°♑39'01	
max. Earth dist.	-3613 Feb 11 j 11:02	20°♑38'27	1.34292 AU
superior conj	-3613 Feb 15 j 05:04	28°♑22'22	-1°10'11
minimum elong	-3613 Feb 15 j 07:57	28°♑37'29	1°09'51
	-3613 Feb 15 j 23:42	0°♒	
evening rise	-3613 Feb 22 j 15:07	13°♒59'15	
asc. node	-3613 Feb 22 j 13:35	13°♒51'15	
	-3613 Mar 02 j 20:52	0°♓	
evening max el	-3613 Mar 14 j 20:58	16°♓28'10	21°34'06
retrograde	-3613 Mar 27 j 00:01	22°♓18'44	
evening set	-3613 Mar 29 j 13:35	22°♓03'52	
desc. node	-3613 Apr 05 j 18:43	19°♓12'56	
inferior conj	-3613 Apr 07 j 21:36	18°♓02'24	-0°35'21
minimum elong	-3613 Apr 07 j 19:56	18°♓04'44	0°34'49
min. Earth dist.	-3613 Apr 08 j 00:08	17°♓58'50	0.55153 AU
morning rise	-3613 Apr 17 j 02:42	14°♓00'20	
direct	-3613 Apr 19 j 23:48	13°♓42'05	
morning max el	-3613 May 02 j 09:59	19°♓36'51	21°56'27
	-3613 May 10 j 21:41	0°♈	
asc. node	-3613 May 21 j 13:11	19°♈03'13	
morning set	-3613 May 23 j 09:58	22°♈52'53	
	-3613 May 26 j 19:23	0°♉	
superior conj	-3613 May 30 j 17:37	8°♉16'58	1°22'39
minimum elong	-3613 May 30 j 14:57	8°♉02'58	1°22'23
max. Earth dist.	-3613 Jun 03 j 02:43	15°♉16'28	1.34715 AU
evening rise	-3613 Jun 07 j 19:45	24°♉38'12	
	-3613 Jun 10 j 15:36	0°♊	
	-3613 Jun 28 j 23:37	0°♋	
desc. node	-3613 Jul 02 j 17:39	5°♋07'09	
evening max el	-3613 Jul 12 j 19:41	16°♋45'45	26°59'45
retrograde	-3613 Jul 26 j 00:24	24°♋06'02	
evening set	-3613 Aug 01 j 21:15	21°♋18'09	
min. Earth dist.	-3613 Aug 05 j 17:49	17°♋26'40	0.65318 AU
inferior conj	-3613 Aug 07 j 16:08	15°♋12'48	-2°59'17
minimum elong	-3613 Aug 07 j 19:52	15°♋01'59	2°58'01
morning rise	-3613 Aug 13 j 18:55	9°♋35'02	
direct	-3613 Aug 16 j 16:03	8°♋49'36	
asc. node	-3613 Aug 17 j 12:29	8°♋53'34	
morning max el	-3613 Aug 23 j 05:55	12°♋25'07	18°20'38
	-3613 Sep 04 j 14:16	0°♌	
morning set	-3613 Sep 11 j 08:18	11°♌04'51	
	-3613 Sep 23 j 00:23	0°♍	
superior conj	-3613 Sep 26 j 01:52	4°♍52'17	0°16'46
minimum elong	-3613 Sep 26 j 03:59	5°♍00'42	0°16'32
max. Earth dist.	-3613 Sep 28 j 14:52	8°♍53'34	1.44765 AU
desc. node	-3613 Sep 28 j 17:08	9°♍02'32	
	-3613 Oct 12 j 01:48	0°♎	
evening rise	-3613 Oct 12 j 14:58	0°♎51'30	
greatest brilliancy	-3613 Oct 23 j 15:44	18°♎00'45	-0.7m
	-3613 Oct 31 j 20:56	0°♏	
evening max el	-3613 Nov 05 j 11:49	5°♏33'58	19°28'32
retrograde	-3613 Nov 12 j 17:11	9°♏44'50	
asc. node	-3613 Nov 13 j 11:24	9°♏41'30	
evening set	-3613 Nov 16 j 02:15	8°♏38'13	
inferior conj	-3613 Nov 21 j 16:42	2°♏42'41	2°33'53
minimum elong	-3613 Nov 21 j 13:45	2°♏52'15	2°32'52
min. Earth dist.	-3613 Nov 22 j 21:14	1°♏10'33	0.66110 AU
	-3613 Nov 23 j 19:37	30°℞♎	
morning rise	-3613 Nov 27 j 01:01	26°♎30'53	
direct	-3613 Dec 03 j 05:35	23°♎48'28	
	-3613 Dec 14 j 11:57	0°♏	
morning max el	-3613 Dec 15 j 15:25	1°♏06'57	25°57'20
desc. node	-3613 Dec 25 j 16:47	12°♏59'19	
	-3612 Jan 06 j 10:47	0°♐	
morning set	-3612 Jan 20 j 20:58	24°♐32'01	
	-3612 Jan 23 j 18:52	0°♑	
max. Earth dist.	-3612 Jan 24 j 19:32	1°♑58'13	1.35733 AU
superior conj	-3612 Jan 30 j 01:04	12°♑18'54	-1°30'57
minimum elong	-3612 Jan 30 j 04:17	12°♑35'09	1°30'42
evening rise	-3612 Feb 06 j 21:48	28°♑26'43	
	-3612 Feb 07 j 16:08	0°♒	
asc. node	-3612 Feb 09 j 10:36	3°♒33'23	
evening max el	-3612 Feb 25 j 03:27	27°♒49'49	20°15'02
	-3612 Feb 27 j 17:46	0°♓	
retrograde	-3612 Mar 06 j 15:03	2°♓48'55	
evening set	-3612 Mar 08 j 21:55	2°♓35'42	
	-3612 Mar 15 j 09:39	30°℞♒	
inferior conj	-3612 Mar 17 j 19:00	28°♒36'36	1°19'36
minimum elong	-3612 Mar 17 j 22:21	28°♒31'36	1°18'26
min. Earth dist.	-3612 Mar 19 j 14:08	27°♒32'27	0.55538 AU
desc. node	-3612 Mar 22 j 15:49	25°♒51'00	
morning rise	-3612 Mar 26 j 21:04	24°♒12'09	
direct	-3612 Mar 30 j 13:52	23°♒42'14	
	-3612 Apr 12 j 18:01	0°♓	
morning max el	-3612 Apr 13 j 04:42	0°♓24'58	23°34'23
	-3612 May 03 j 00:53	0°♈	
morning set	-3612 May 06 j 21:37	7°♈52'39	
asc. node	-3612 May 07 j 10:12	8°♈58'43	
superior conj	-3612 May 14 j 00:04	23°♈03'56	1°03'41
minimum elong	-3612 May 13 j 21:39	22°♈50'59	1°03'20
max. Earth dist.	-3612 May 16 j 03:57	27°♈40'19	1.33647 AU
	-3612 May 17 j 06:28	0°♉	
evening rise	-3612 May 21 j 13:08	8°♉46'14	
	-3612 Jun 02 j 02:07	0°♊	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3612 Jun 18 j 14:43	23°♊50'04	
	-3612 Jun 24 j 08:05	0°♋	
evening max el	-3612 Jun 24 j 06:25	29°♊56'00	27°23'53
retrograde	-3612 Jul 07 j 21:04	7°♋19'46	
evening set	-3612 Jul 15 j 00:34	4°♋37'12	
min. Earth dist.	-3612 Jul 18 j 15:38	1°♋20'28	0.63886 AU
	-3612 Jul 19 j 22:35	30°℞♊	
inferior conj	-3612 Jul 21 j 03:58	28°♊42'20	-3°40'02
minimum elong	-3612 Jul 21 j 07:46	28°♊32'22	3°39'04
morning rise	-3612 Jul 27 j 15:46	23°♊21'39	
direct	-3612 Jul 30 j 08:12	22°♊45'32	
asc. node	-3612 Aug 03 j 09:35	24°♊07'47	
morning max el	-3612 Aug 05 j 20:46	26°♊11'17	17°59'50
	-3612 Aug 09 j 02:43	0°♋	
morning set	-3612 Aug 23 j 01:53	22°♋39'44	
	-3612 Aug 27 j 08:37	0°♌	
superior conj	-3612 Sep 04 j 18:58	14°♌04'58	1°00'00
minimum elong	-3612 Sep 05 j 00:35	14°♌27'56	0°59'26
max. Earth dist.	-3612 Sep 10 j 07:40	23°♌01'27	1.44047 AU
desc. node	-3612 Sep 14 j 14:08	29°♌47'31	
	-3612 Sep 14 j 17:18	0°♍	
evening rise	-3612 Sep 20 j 23:02	9°♍43'18	
	-3612 Oct 04 j 08:01	0°♎	
evening max el	-3612 Oct 18 j 15:11	19°♎00'39	20°27'30
retrograde	-3612 Oct 26 j 14:35	23°♎42'42	
evening set	-3612 Oct 30 j 08:52	22°♎20'54	
asc. node	-3612 Oct 30 j 08:31	22°♎21'32	
inferior conj	-3612 Nov 04 j 19:24	16°♎14'16	1°47'39
minimum elong	-3612 Nov 04 j 17:07	16°♎22'00	1°46'44
min. Earth dist.	-3612 Nov 05 j 11:49	15°♎18'50	0.66875 AU
morning rise	-3612 Nov 10 j 01:10	9°♎59'27	
direct	-3612 Nov 15 j 14:55	7°♎33'42	
morning max el	-3612 Nov 27 j 00:13	14°♎20'47	24°37'48
	-3612 Dec 09 j 19:26	0°♏	
desc. node	-3612 Dec 11 j 13:49	2°♏27'51	
	-3612 Dec 29 j 07:40	0°♐	
morning set	-3611 Jan 02 j 00:23	6°♐22'25	
max. Earth dist.	-3611 Jan 05 j 18:06	13°♐03'49	1.37572 AU
superior conj	-3611 Jan 12 j 10:34	25°♐39'14	-1°46'49
minimum elong	-3611 Jan 12 j 13:13	25°♐52'03	1°46'46
	-3611 Jan 14 j 15:55	0°♑	
evening rise	-3611 Jan 20 j 22:54	12°♑31'17	
asc. node	-3611 Jan 26 j 07:38	22°♑54'27	
	-3611 Jan 30 j 09:02	0°♒	
evening max el	-3611 Feb 06 j 20:35	9°♒47'45	19°13'51
retrograde	-3611 Feb 15 j 17:48	14°♒02'06	
evening set	-3611 Feb 18 j 02:09	13°♒45'37	
inferior conj	-3611 Feb 26 j 06:17	9°♒35'02	2°49'39
minimum elong	-3611 Feb 26 j 11:13	9°♒26'39	2°48'20
min. Earth dist.	-3611 Mar 01 j 05:17	7°♒35'32	0.56768 AU
morning rise	-3611 Mar 06 j 17:32	4°♒39'45	
desc. node	-3611 Mar 09 j 12:56	3°♒54'12	
direct	-3611 Mar 11 j 15:20	3°♒43'49	
morning max el	-3611 Mar 25 j 19:39	10°♒59'32	25°11'39
	-3611 Apr 09 j 06:38	0°♓	
morning set	-3611 Apr 21 j 09:48	22°♓54'52	
asc. node	-3611 Apr 24 j 07:12	29°♓04'48	
	-3611 Apr 24 j 17:25	0°♈	
superior conj	-3611 Apr 28 j 10:00	8°♈01'35	0°41'49
minimum elong	-3611 Apr 28 j 08:16	7°♈52'06	0°41'29
max. Earth dist.	-3611 Apr 29 j 12:32	10°♈25'38	1.32944 AU
evening rise	-3611 May 05 j 14:44	23°♈19'33	
	-3611 May 08 j 22:43	0°♉	
	-3611 May 26 j 21:42	0°♊	

desc. node	-3611 Jun 05 j 11:47	11°♊32'07	
evening max el	-3611 Jun 06 j 14:11	12°♊36'57	27°17'13
retrograde	-3611 Jun 20 j 11:28	19°♊59'56	
evening set	-3611 Jun 27 j 13:16	17°♊36'56	
min. Earth dist.	-3611 Jul 01 j 03:38	14°♊45'28	0.62106 AU
inferior conj	-3611 Jul 04 j 04:42	11°♊55'11	-4°09'42
minimum elong	-3611 Jul 04 j 07:25	11°♊48'48	4°09'15
morning rise	-3611 Jul 11 j 02:57	6°♊54'11	
direct	-3611 Jul 13 j 16:38	6°♊25'05	
morning max el	-3611 Jul 20 j 11:16	9°♊50'08	17°57'14
asc. node	-3611 Jul 21 j 06:40	10°♊39'53	
	-3611 Aug 02 j 18:36	0°♋	
morning set	-3611 Aug 05 j 16:29	5°♋14'41	
superior conj	-3611 Aug 16 j 15:07	24°♋37'49	1°29'41
minimum elong	-3611 Aug 16 j 19:57	24°♋58'31	1°29'24
	-3611 Aug 19 j 18:57	0°♌	
max. Earth dist.	-3611 Aug 23 j 19:35	6°♌40'53	1.42719 AU
evening rise	-3611 Aug 31 j 04:54	18°♌31'15	
desc. node	-3611 Sep 01 j 11:06	20°♌29'23	
	-3611 Sep 07 j 15:45	0°♍	
	-3611 Sep 29 j 06:23	0°♎	
evening max el	-3611 Oct 01 j 12:25	2°♎26'21	21°38'36
retrograde	-3611 Oct 10 j 11:01	7°♎45'02	
evening set	-3611 Oct 14 j 16:47	6°♎05'40	
asc. node	-3611 Oct 17 j 05:39	3°♎32'57	
	-3611 Oct 19 j 22:33	30°℞♍	
inferior conj	-3611 Oct 20 j 01:00	29°♍51'34	0°57'10
minimum elong	-3611 Oct 19 j 23:43	29°♍56'01	0°56'37
min. Earth dist.	-3611 Oct 20 j 06:35	29°♍32'17	0.67315 AU
morning rise	-3611 Oct 25 j 06:28	23°♍36'27	
direct	-3611 Oct 30 j 05:00	21°♍31'25	
morning max el	-3611 Nov 09 j 09:46	27°♍36'43	23°11'24
	-3611 Nov 11 j 15:28	0°♎	
desc. node	-3611 Nov 28 j 10:50	22°♎23'35	
	-3611 Dec 03 j 12:14	0°♏	
morning set	-3611 Dec 14 j 02:05	16°♏54'30	
max. Earth dist.	-3611 Dec 18 j 13:29	24°♏30'29	1.39633 AU
	-3611 Dec 21 j 16:37	0°♐	
superior conj	-3611 Dec 26 j 05:19	8°♐12'24	-1°55'03
minimum elong	-3611 Dec 26 j 06:04	8°♐15'48	1°55'10
evening rise	-3610 Jan 04 j 15:45	26°♐06'16	
	-3610 Jan 06 j 16:36	0°♑	
asc. node	-3610 Jan 13 j 04:40	11°♑47'33	
evening max el	-3610 Jan 20 j 22:48	22°♑18'39	18°32'31
retrograde	-3610 Jan 28 j 14:33	26°♑02'52	
evening set	-3610 Jan 31 j 02:30	25°♑40'22	
inferior conj	-3610 Feb 07 j 13:39	21°♑10'36	3°42'21
minimum elong	-3610 Feb 07 j 16:47	21°♑04'25	3°41'48
min. Earth dist.	-3610 Feb 10 j 23:03	18°♑31'37	0.58568 AU
morning rise	-3610 Feb 15 j 04:44	15°♑49'07	
direct	-3610 Feb 21 j 06:17	14°♑15'35	
desc. node	-3610 Feb 24 j 10:02	14°♑40'28	
morning max el	-3610 Mar 07 j 12:45	21°♑48'21	26°33'12
	-3610 Mar 14 j 17:26	0°♒	
	-3610 Apr 01 j 23:47	0°♓	
morning set	-3610 Apr 05 j 20:51	7°♓53'33	
asc. node	-3610 Apr 11 j 04:11	19°♓16'58	
superior conj	-3610 Apr 12 j 21:35	23°♓03'27	0°17'59
minimum elong	-3610 Apr 12 j 20:48	22°♓59'08	0°17'48
max. Earth dist.	-3610 Apr 13 j 01:15	23°♓23'29	1.32591 AU
	-3610 Apr 16 j 01:58	0°♈	
evening rise	-3610 Apr 19 j 21:50	8°♈08'57	
	-3610 May 01 j 09:53	0°♉	
evening max el	-3610 May 19 j 16:53	24°♉39'11	26°37'40

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3610 May 23 j 08:50	27°♉47'50	
	-3610 May 26 j 18:02	0°♊	
retrograde	-3610 Jun 02 j 18:11	1°♊58'21	
evening set	-3610 Jun 09 j 07:07	0°♊08'12	
	-3610 Jun 09 j 12:59	30°℞♉	
min. Earth dist.	-3610 Jun 13 j 06:17	27°♉27'00	0.60100 AU
inferior conj	-3610 Jun 16 j 14:48	24°♉43'08	-4°21'40
minimum elong	-3610 Jun 16 j 14:59	24°♉42'45	4°21'32
morning rise	-3610 Jun 24 j 00:56	20°♉03'29	
direct	-3610 Jun 26 j 13:25	19°♉39'41	
morning max el	-3610 Jul 03 j 22:36	23°♉14'26	18°13'52
asc. node	-3610 Jul 08 j 03:43	28°♉14'30	
	-3610 Jul 09 j 08:51	0°♊	
morning set	-3610 Jul 19 j 22:50	18°♊36'34	
	-3610 Jul 26 j 00:29	0°♋	
superior conj	-3610 Jul 29 j 13:15	6°♋28'20	1°45'13
minimum elong	-3610 Jul 29 j 15:29	6°♋38'26	1°45'16
max. Earth dist.	-3610 Aug 06 j 02:04	19°♋41'38	1.40964 AU
evening rise	-3610 Aug 11 j 03:43	28°♋08'12	
	-3610 Aug 12 j 07:14	0°♌	
desc. node	-3610 Aug 19 j 08:04	11°♌04'46	
	-3610 Sep 01 j 06:52	0°♍	
evening max el	-3610 Sep 14 j 04:04	15°♍52'39	22°57'24
retrograde	-3610 Sep 24 j 04:59	21°♍49'32	
evening set	-3610 Sep 29 j 00:13	19°♍50'55	
inferior conj	-3610 Oct 04 j 07:40	13°♍32'45	0°04'13
minimum elong	-3610 Oct 04 j 07:34	13°♍33'07	0°04'13
transit middle	-3610 Oct 04 j 07:34	13°♍33'07	0°04'13
transit begin	-3610 Oct 04 j 04:57	13°♍42'06	
transit end	-3610 Oct 04 j 10:10	13°♍24'07	
min. Earth dist.	-3610 Oct 04 j 02:59	13°♍48'53	0.67453 AU
asc. node	-3610 Oct 04 j 02:46	13°♍49'40	
morning rise	-3610 Oct 09 j 14:48	7°♍20'24	
direct	-3610 Oct 13 j 23:02	5°♍36'57	
morning max el	-3610 Oct 22 j 23:25	10°♍57'28	21°46'57
	-3610 Nov 06 j 18:45	0°♎	
desc. node	-3610 Nov 15 j 07:48	12°♎38'27	
morning set	-3610 Nov 23 j 22:56	26°♎03'17	
	-3610 Nov 26 j 09:58	0°♏	
max. Earth dist.	-3610 Nov 30 j 13:37	6°♏47'57	1.41648 AU
superior conj	-3610 Dec 08 j 03:53	19°♏44'10	-1°52'06
minimum elong	-3610 Dec 08 j 01:15	19°♏32'39	1°52'07
	-3610 Dec 13 j 22:07	0°♐	
evening rise	-3610 Dec 18 j 20:57	9°♐03'46	
asc. node	-3610 Dec 31 j 01:44	0°♑03'17	
	-3610 Dec 31 j 00:48	0°♑	
evening max el	-3609 Jan 04 j 07:21	5°♑13'35	18°11'12
retrograde	-3609 Jan 11 j 04:56	8°♑43'16	
evening set	-3609 Jan 13 j 20:06	8°♑13'28	
inferior conj	-3609 Jan 20 j 16:49	3°♑21'51	4°01'26
minimum elong	-3609 Jan 20 j 17:11	3°♑21'01	4°01'17
min. Earth dist.	-3609 Jan 23 j 22:09	0°♑26'47	0.60588 AU
	-3609 Jan 24 j 10:41	30°℞♐	
morning rise	-3609 Jan 27 j 12:46	27°♐41'47	
direct	-3609 Feb 03 j 08:10	25°♐30'44	
desc. node	-3609 Feb 11 j 07:08	28°♐09'47	
	-3609 Feb 13 j 21:10	0°♑	
morning max el	-3609 Feb 17 j 11:38	3°♑11'26	27°26'00
	-3609 Mar 09 j 04:09	0°♒	
morning set	-3609 Mar 21 j 04:53	22°♒41'05	
	-3609 Mar 24 j 16:10	0°♓	
max. Earth dist.	-3609 Mar 27 j 14:20	6°♓19'55	1.32582 AU
superior conj	-3609 Mar 28 j 09:05	8°♓02'19	-0°07'01
minimum elong	-3609 Mar 28 j 09:25	8°♓04'04	0°07'01
behind sun begin	-3609 Mar 28 j 04:52	7°♓39'16	
behind sun end	-3609 Mar 28 j 13:57	8°♓28'53	
asc. node	-3609 Mar 29 j 01:09	9°♓30'09	
evening rise	-3609 Apr 04 j 08:08	23°♓05'22	
	-3609 Apr 07 j 16:50	0°♈	
	-3609 Apr 26 j 02:29	0°♉	
evening max el	-3609 May 01 j 13:12	5°♉58'36	25°28'35
desc. node	-3609 May 10 j 05:56	12°♉02'38	
retrograde	-3609 May 15 j 14:52	13°♉10'10	
evening set	-3609 May 21 j 03:07	11°♉58'42	
min. Earth dist.	-3609 May 26 j 01:30	9°♉11'13	0.58090 AU
inferior conj	-3609 May 29 j 06:40	6°♉55'30	-4°06'27
minimum elong	-3609 May 29 j 03:13	7°♉01'36	4°05'57
morning rise	-3609 Jun 06 j 06:06	2°♉37'06	
direct	-3609 Jun 08 j 18:10	2°♉17'34	
morning max el	-3609 Jun 17 j 03:47	6°♉14'31	18°50'43
asc. node	-3609 Jun 25 j 00:44	16°♉36'57	
	-3609 Jul 02 j 09:01	0°♊	
morning set	-3609 Jul 03 j 16:33	2°♊33'33	
superior conj	-3609 Jul 12 j 07:51	19°♊21'17	1°48'59
minimum elong	-3609 Jul 12 j 07:39	19°♊20'20	1°49'07
	-3609 Jul 18 j 01:39	0°♋	
max. Earth dist.	-3609 Jul 19 j 04:39	2°♋01'09	1.39010 AU
evening rise	-3609 Jul 23 j 04:12	8°♋59'07	
	-3609 Aug 05 j 05:17	0°♌	
desc. node	-3609 Aug 06 j 05:03	1°♌29'23	
evening max el	-3609 Aug 27 j 16:03	29°♌21'24	24°17'55
	-3609 Aug 28 j 07:50	0°♍	
retrograde	-3609 Sep 07 j 19:23	5°♍53'34	
evening set	-3609 Sep 13 j 05:26	3°♍35'32	
	-3609 Sep 16 j 12:26	30°℞♌	
min. Earth dist.	-3609 Sep 17 j 22:36	28°♌07'35	0.67286 AU
inferior conj	-3609 Sep 18 j 13:42	27°♌16'43	-0°49'31
minimum elong	-3609 Sep 18 j 14:52	27°♌12'47	0°48'56
asc. node	-3609 Sep 20 j 23:52	24°♌08'21	
morning rise	-3609 Sep 24 j 00:16	21°♌10'06	
direct	-3609 Sep 27 j 19:48	19°♌46'52	
morning max el	-3609 Oct 05 j 19:54	24°♌27'11	20°31'11
	-3609 Oct 10 j 14:14	0°♍	
	-3609 Oct 31 j 04:18	0°♎	
desc. node	-3609 Nov 02 j 04:45	3°♎06'54	
morning set	-3609 Nov 02 j 23:26	4°♎19'17	
max. Earth dist.	-3609 Nov 12 j 21:35	19°♎59'53	1.43321 AU
superior conj	-3609 Nov 19 j 00:48	0°♏01'46	-1°34'08
minimum elong	-3609 Nov 18 j 18:32	29°♎35'45	1°33'41
	-3609 Nov 19 j 00:23	0°♏	
evening rise	-3609 Dec 01 j 10:31	21°♏15'50	
	-3609 Dec 06 j 10:22	0°♐	
asc. node	-3609 Dec 17 j 22:48	17°♐30'31	
evening max el	-3609 Dec 18 j 19:17	18°♐24'41	18°09'27
retrograde	-3609 Dec 25 j 08:58	21°♐53'10	
evening set	-3609 Dec 28 j 03:22	21°♐15'14	
inferior conj	-3608 Jan 03 j 12:34	16°♐02'31	3°55'36
minimum elong	-3608 Jan 03 j 10:48	16°♐07'06	3°55'18
min. Earth dist.	-3608 Jan 06 j 05:53	13°♐13'59	0.62524 AU
morning rise	-3608 Jan 09 j 17:23	10°♐09'19	
direct	-3608 Jan 16 j 18:53	7°♐31'08	
desc. node	-3608 Jan 29 j 04:12	13°♐49'21	
morning max el	-3608 Jan 30 j 16:40	15°♐15'44	27°43'10
	-3608 Feb 11 j 18:50	0°♑	
	-3608 Feb 29 j 16:43	0°♒	
morning set	-3608 Mar 04 j 07:49	7°♒10'17	
max. Earth dist.	-3608 Mar 09 j 23:55	19°♒01'13	1.32931 AU
superior conj	-3608 Mar 11 j 18:53	22°♒52'37	-0°32'17

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3608 Mar 11 j 20:21	23°♒00'29	0°32'05
asc. node	-3608 Mar 14 j 22:09	29°♒40'35	
	-3608 Mar 15 j 01:44	0°♓	
evening rise	-3608 Mar 18 j 19:45	8°♓02'01	
	-3608 Mar 30 j 09:38	0°♈	
evening max el	-3608 Apr 12 j 05:06	16°♈46'34	23°59'51
retrograde	-3608 Apr 25 j 23:47	23°♈40'50	
desc. node	-3608 Apr 26 j 03:03	23°♈40'47	
evening set	-3608 Apr 30 j 03:49	23°♈02'15	
min. Earth dist.	-3608 May 06 j 16:34	19°♈54'37	0.56392 AU
inferior conj	-3608 May 09 j 02:20	18°♈25'34	-3°13'47
minimum elong	-3608 May 08 j 20:21	18°♈34'52	3°12'21
morning rise	-3608 May 17 j 15:54	14°♈24'01	
direct	-3608 May 20 j 03:55	14°♈07'43	
morning max el	-3608 May 30 j 00:14	18°♈41'41	19°48'06
	-3608 Jun 07 j 16:28	0°♉	
asc. node	-3608 Jun 10 j 21:44	5°♉35'55	
morning set	-3608 Jun 16 j 18:17	16°♉56'47	
	-3608 Jun 23 j 05:10	0°♊	
superior conj	-3608 Jun 24 j 17:26	3°♊01'04	1°43'44
minimum elong	-3608 Jun 24 j 15:38	2°♊52'05	1°43'45
max. Earth dist.	-3608 Jun 30 j 07:43	13°♊51'25	1.37114 AU
evening rise	-3608 Jul 04 j 05:14	21°♊02'33	
	-3608 Jul 09 j 07:55	0°♋	
desc. node	-3608 Jul 23 j 02:04	21°♋37'23	
	-3608 Jul 29 j 03:12	0°♌	
evening max el	-3608 Aug 09 j 02:42	12°♌52'22	25°32'47
retrograde	-3608 Aug 21 j 05:34	19°♌52'04	
evening set	-3608 Aug 27 j 06:34	17°♌17'10	
min. Earth dist.	-3608 Aug 31 j 15:01	12°♌25'49	0.66795 AU
inferior conj	-3608 Sep 01 j 17:19	11°♌00'53	-1°42'23
minimum elong	-3608 Sep 01 j 19:42	10°♌53'12	1°41'20
asc. node	-3608 Sep 06 j 20:58	5°♌23'57	
morning rise	-3608 Sep 07 j 08:58	5°♌03'04	
direct	-3608 Sep 10 j 17:55	3°♌57'13	
morning max el	-3608 Sep 17 j 23:43	8°♌05'43	19°28'13
	-3608 Oct 03 j 19:33	0°♍	
morning set	-3608 Oct 12 j 01:15	12°♍46'19	
desc. node	-3608 Oct 19 j 01:42	23°♍44'08	
	-3608 Oct 23 j 01:22	0°♎	
max. Earth dist.	-3608 Oct 25 j 11:43	3°♎50'27	1.44431 AU
superior conj	-3608 Oct 28 j 18:33	9°♎03'49	-0°59'15
minimum elong	-3608 Oct 28 j 11:56	8°♎37'24	0°58'28
	-3608 Nov 10 j 15:04	0°♏	
evening rise	-3608 Nov 12 j 03:45	2°♏32'35	
	-3608 Nov 29 j 17:59	0°♐	
evening max el	-3608 Dec 01 j 07:50	1°♐44'54	18°26'30
asc. node	-3608 Dec 03 j 19:55	3°♐54'53	
retrograde	-3608 Dec 07 j 22:05	5°♐22'57	
evening set	-3608 Dec 10 j 20:43	4°♐35'35	
	-3608 Dec 16 j 01:24	30°℞♏	
inferior conj	-3608 Dec 16 j 21:00	29°♏04'04	3°32'33
minimum elong	-3608 Dec 16 j 18:06	29°♏12'23	3°31'53
min. Earth dist.	-3608 Dec 18 j 23:42	26°♏38'30	0.64193 AU
morning rise	-3608 Dec 22 j 15:00	23°♏01'28	
direct	-3608 Dec 29 j 13:06	20°♏10'46	
morning max el	-3607 Jan 12 j 01:28	27°♏53'58	27°24'44
	-3607 Jan 14 j 02:11	0°♐	
desc. node	-3607 Jan 15 j 01:15	1°♐03'12	
	-3607 Feb 04 j 11:39	0°♑	
morning set	-3607 Feb 16 j 02:58	21°♑11'53	
	-3607 Feb 20 j 11:40	0°♒	
max. Earth dist.	-3607 Feb 21 j 01:57	1°♒13'53	1.33669 AU
superior conj	-3607 Feb 24 j 01:10	7°♒28'00	-0°56'52
minimum elong	-3607 Feb 24 j 03:37	7°♒41'02	0°56'32
asc. node	-3607 Mar 01 j 19:11	19°♒44'00	
evening rise	-3607 Mar 03 j 06:55	22°♒52'23	
	-3607 Mar 06 j 18:27	0°♓	
evening max el	-3607 Mar 24 j 22:25	27°♓29'28	22°25'38
	-3607 Mar 27 j 20:50	0°♈	
retrograde	-3607 Apr 06 j 20:48	3°♈48'29	
evening set	-3607 Apr 09 j 20:13	3°♈29'00	
desc. node	-3607 Apr 13 j 00:09	2°♈29'17	
	-3607 Apr 17 j 22:58	30°℞♓	
min. Earth dist.	-3607 Apr 18 j 06:40	29°♓49'06	0.55346 AU
inferior conj	-3607 Apr 19 j 04:47	29°♓17'40	-1°41'11
minimum elong	-3607 Apr 19 j 00:20	29°♓23'59	1°39'44
morning rise	-3607 Apr 28 j 06:14	25°♓20'41	
direct	-3607 Apr 30 j 21:13	25°♓04'53	
	-3607 May 11 j 21:19	0°♈	
morning max el	-3607 May 12 j 10:10	0°♈29'16	21°04'57
asc. node	-3607 May 28 j 18:45	25°♈02'42	
	-3607 May 31 j 06:04	0°♉	
morning set	-3607 Jun 01 j 01:31	1°♉39'30	
superior conj	-3607 Jun 08 j 13:41	17°♉15'15	1°31'49
minimum elong	-3607 Jun 08 j 11:07	17°♉02'03	1°31'39
max. Earth dist.	-3607 Jun 12 j 17:24	25°♉40'03	1.35482 AU
	-3607 Jun 14 j 22:24	0°♊	
evening rise	-3607 Jun 17 j 01:56	4°♊06'28	
	-3607 Jul 02 j 04:22	0°♋	
desc. node	-3607 Jul 09 j 23:07	11°♋21'29	
evening max el	-3607 Jul 22 j 13:48	26°♋23'00	26°33'57
	-3607 Jul 26 j 17:40	0°♌	
retrograde	-3607 Aug 04 j 11:01	3°♌39'25	
evening set	-3607 Aug 11 j 01:27	0°♌53'38	
	-3607 Aug 12 j 01:09	30°℞♋	
min. Earth dist.	-3607 Aug 15 j 02:00	26°♋40'20	0.65958 AU
inferior conj	-3607 Aug 16 j 16:40	24°♋43'10	-2°32'32
minimum elong	-3607 Aug 16 j 20:02	24°♋32'57	2°31'16
morning rise	-3607 Aug 22 j 14:57	18°♋57'06	
asc. node	-3607 Aug 24 j 18:03	18°♋09'50	
direct	-3607 Aug 25 j 15:37	18°♋05'16	
morning max el	-3607 Sep 01 j 09:35	21°♋50'43	18°40'31
	-3607 Sep 07 j 19:38	0°♌	
morning set	-3607 Sep 22 j 00:36	22°♌19'13	
	-3607 Sep 26 j 19:48	0°♍	
desc. node	-3607 Oct 05 j 22:41	14°♍26'58	
superior conj	-3607 Oct 07 j 19:17	17°♍22'40	-0°11'49
minimum elong	-3607 Oct 07 j 17:43	17°♍16'31	0°11'35
behind sun begin	-3607 Oct 07 j 09:35	16°♍44'30	
behind sun end	-3607 Oct 08 j 01:51	17°♍48'33	
max. Earth dist.	-3607 Oct 08 j 05:06	18°♍01'21	1.44852 AU
	-3607 Oct 15 j 19:29	0°♎	
evening rise	-3607 Oct 23 j 20:48	12°♎46'49	
	-3607 Nov 03 j 17:13	0°♏	
evening max el	-3607 Nov 14 j 18:31	15°♏10'17	19°01'13
asc. node	-3607 Nov 20 j 17:01	19°♏01'23	
retrograde	-3607 Nov 21 j 16:32	19°♏06'47	
evening set	-3607 Nov 24 j 21:09	18°♏08'01	
inferior conj	-3607 Nov 30 j 14:40	12°♏20'35	2°57'45
minimum elong	-3607 Nov 30 j 11:33	12°♏30'19	2°56'47
min. Earth dist.	-3607 Dec 02 j 03:00	10°♏27'26	0.65518 AU
morning rise	-3607 Dec 06 j 01:37	6°♏11'22	
direct	-3607 Dec 12 j 13:52	3°♏22'22	
morning max el	-3607 Dec 25 j 11:10	10°♏53'54	26°35'51
desc. node	-3606 Jan 01 j 22:18	19°♏24'01	
	-3606 Jan 09 j 17:34	0°♐	
	-3606 Jan 27 j 23:54	0°♑	
morning set	-3606 Jan 30 j 10:41	4°♑34'16	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3606 Feb 03 j 16:54	12°♉50'13	1.34849 AU
superior conj	-3606 Feb 08 j 01:44	21°♉41'26	-1°19'29
minimum elong	-3606 Feb 08 j 04:50	21°♉57'29	1°19'09
	-3606 Feb 12 j 01:29	0°♒	
evening rise	-3606 Feb 15 j 15:49	7°♒30'06	
asc. node	-3606 Feb 16 j 16:13	9°♒35'29	
	-3606 Feb 27 j 23:13	0°♓	
evening max el	-3606 Mar 06 j 23:15	8°♓33'11	20°58'32
retrograde	-3606 Mar 18 j 10:22	14°♓01'39	
evening set	-3606 Mar 20 j 19:18	13°♓48'28	
inferior conj	-3606 Mar 29 j 23:58	9°♓50'27	0°14'49
minimum elong	-3606 Mar 30 j 00:39	9°♓49'28	0°14'32
transit middle	-3606 Mar 30 j 00:39	9°♓49'28	0°14'32
transit begin	-3606 Mar 29 j 23:01	9°♓51'47	
transit end	-3606 Mar 30 j 02:17	9°♓47'09	
desc. node	-3606 Mar 30 j 21:16	9°♓20'05	
min. Earth dist.	-3606 Mar 30 j 20:54	9°♓20'36	0.55198 AU
morning rise	-3606 Apr 08 j 05:17	5°♓40'14	
direct	-3606 Apr 11 j 09:09	5°♓18'26	
morning max el	-3606 Apr 24 j 09:33	11°♓35'51	22°37'20
	-3606 May 07 j 22:44	0°♈	
asc. node	-3606 May 15 j 15:47	14°♈49'20	
morning set	-3606 May 16 j 12:04	16°♈34'34	
	-3606 May 22 j 19:57	0°♉	
superior conj	-3606 May 23 j 17:09	1°♉52'29	1°15'02
minimum elong	-3606 May 23 j 14:31	1°♉38'34	1°14'43
max. Earth dist.	-3606 May 26 j 13:02	7°♉48'36	1.34212 AU
evening rise	-3606 May 31 j 13:02	17°♉54'59	
	-3606 Jun 06 j 23:26	0°♊	
	-3606 Jun 26 j 10:35	0°♋	
desc. node	-3606 Jun 26 j 20:10	0°♋30'31	
evening max el	-3606 Jul 05 j 01:15	9°♋44'19	27°13'38
retrograde	-3606 Jul 18 j 11:03	17°♋07'08	
evening set	-3606 Jul 25 j 11:21	14°♋20'08	
min. Earth dist.	-3606 Jul 29 j 05:16	10°♋43'51	0.64748 AU
inferior conj	-3606 Jul 31 j 09:27	8°♋18'40	-3°17'38
minimum elong	-3606 Jul 31 j 13:19	8°♋07'53	3°16'29
morning rise	-3606 Aug 06 j 15:52	2°♋47'34	
direct	-3606 Aug 09 j 10:40	2°♋06'28	
asc. node	-3606 Aug 11 j 15:08	2°♋31'43	
morning max el	-3606 Aug 15 j 23:14	5°♋37'07	18°09'34
	-3606 Sep 01 j 05:46	0°♌	
morning set	-3606 Sep 03 j 03:33	3°♌11'57	
superior conj	-3606 Sep 17 j 00:29	25°♌58'43	0°36'28
minimum elong	-3606 Sep 17 j 04:41	26°♌15'31	0°36'00
	-3606 Sep 19 j 12:55	0°♍	
max. Earth dist.	-3606 Sep 20 j 22:52	2°♍14'45	1.44541 AU
desc. node	-3606 Sep 22 j 19:40	5°♍11'50	
evening rise	-3606 Oct 03 j 14:14	22°♍01'26	
	-3606 Oct 08 j 18:04	0°♎	
greatest brilliancy	-3606 Oct 16 j 14:08	11°♎56'28	-0.7m
evening max el	-3606 Oct 29 j 01:08	28°♎37'31	19°52'01
	-3606 Oct 30 j 11:14	0°♏	
retrograde	-3606 Nov 05 j 13:26	3°♏00'33	
asc. node	-3606 Nov 07 j 14:06	2°♏36'42	
evening set	-3606 Nov 09 j 02:08	1°♏47'51	
	-3606 Nov 11 j 03:46	30°℞♎	
inferior conj	-3606 Nov 14 j 14:45	25°♎47'30	2°14'56
minimum elong	-3606 Nov 14 j 12:02	25°♎56'29	2°13'55
min. Earth dist.	-3606 Nov 15 j 14:02	24°♎30'44	0.66479 AU
morning rise	-3606 Nov 19 j 21:41	19°♎34'13	
direct	-3606 Nov 25 j 20:15	16°♎57'49	
morning max el	-3606 Dec 07 j 20:05	24°♎04'15	25°24'56
	-3606 Dec 13 j 04:15	0°♏	
desc. node	-3606 Dec 19 j 19:21	8°♏32'14	
	-3605 Jan 03 j 03:26	0°♐	
morning set	-3605 Jan 13 j 02:10	17°♐03'21	
max. Earth dist.	-3605 Jan 16 j 20:27	23°♐59'58	1.36474 AU
	-3605 Jan 19 j 23:44	0°♉	
superior conj	-3605 Jan 22 j 17:49	5°♉24'48	-1°38'26
minimum elong	-3605 Jan 22 j 20:55	5°♉40'15	1°38'15
evening rise	-3605 Jan 30 j 20:28	21°♉49'14	
asc. node	-3605 Feb 03 j 13:16	29°♉09'52	
	-3605 Feb 03 j 23:40	0°♒	
evening max el	-3605 Feb 17 j 10:31	20°♒11'23	19°46'38
retrograde	-3605 Feb 27 j 04:41	24°♒49'21	
evening set	-3605 Mar 01 j 11:52	24°♒35'05	
inferior conj	-3605 Mar 10 j 02:05	20°♒32'43	2°02'03
minimum elong	-3605 Mar 10 j 06:38	20°♒25'36	2°00'36
min. Earth dist.	-3605 Mar 12 j 11:16	19°♒03'46	0.55978 AU
desc. node	-3605 Mar 17 j 18:23	16°♒20'14	
morning rise	-3605 Mar 18 j 23:02	15°♒55'31	
direct	-3605 Mar 23 j 03:55	15°♒16'10	
morning max el	-3605 Apr 06 j 01:47	22°♒14'44	24°16'34
	-3605 Apr 12 j 20:53	0°♓	
	-3605 Apr 30 j 05:45	0°♈	
morning set	-3605 May 01 j 00:09	1°♈36'05	
asc. node	-3605 May 02 j 12:48	4°♈49'59	
superior conj	-3605 May 08 j 01:19	16°♈44'42	0°54'42
minimum elong	-3605 May 07 j 23:09	16°♈32'58	0°54'21
max. Earth dist.	-3605 May 09 j 17:55	20°♈23'05	1.33313 AU
	-3605 May 14 j 07:46	0°♉	
evening rise	-3605 May 15 j 10:20	2°♉15'14	
	-3605 May 30 j 20:20	0°♊	
desc. node	-3605 Jun 13 j 17:13	18°♊49'48	
evening max el	-3605 Jun 17 j 11:16	22°♊44'02	27°25'04
	-3605 Jun 29 j 15:28	0°♋	
retrograde	-3605 Jul 01 j 04:56	0°♋06'55	
	-3605 Jul 02 j 17:42	30°℞♊	
evening set	-3605 Jul 08 j 08:52	27°♊31'15	
min. Earth dist.	-3605 Jul 11 j 23:00	24°♊26'34	0.63169 AU
inferior conj	-3605 Jul 14 j 16:56	21°♊41'46	-3°54'20
minimum elong	-3605 Jul 14 j 20:26	21°♊32'59	3°53'35
morning rise	-3605 Jul 21 j 08:58	16°♊28'51	
direct	-3605 Jul 24 j 00:06	15°♊55'50	
asc. node	-3605 Jul 29 j 12:13	18°♊20'20	
morning max el	-3605 Jul 30 j 14:10	19°♊20'04	17°56'23
	-3605 Aug 07 j 10:18	0°♋	
morning set	-3605 Aug 16 j 06:44	15°♋13'55	
	-3605 Aug 24 j 19:03	0°♌	
superior conj	-3605 Aug 28 j 04:30	5°♌43'04	1°14'25
minimum elong	-3605 Aug 28 j 10:10	6°♌06'46	1°13'56
max. Earth dist.	-3605 Sep 03 j 14:13	16°♌13'28	1.43550 AU
desc. node	-3605 Sep 09 j 16:37	25°♌55'26	
	-3605 Sep 12 j 07:18	0°♍	
evening rise	-3605 Sep 12 j 18:47	0°♍44'32	
	-3605 Oct 02 j 10:36	0°♎	
evening max el	-3605 Oct 12 j 01:59	12°♎03'45	20°56'36
retrograde	-3605 Oct 20 j 10:30	17°♎00'22	
evening set	-3605 Oct 24 j 09:31	15°♎31'12	
asc. node	-3605 Oct 25 j 11:12	14°♎36'23	
inferior conj	-3605 Oct 29 j 18:52	9°♎21'05	1°26'38
minimum elong	-3605 Oct 29 j 16:58	9°♎27'35	1°25'51
min. Earth dist.	-3605 Oct 30 j 06:32	8°♎41'19	0.67099 AU
morning rise	-3605 Nov 04 j 00:16	3°♎06'06	
direct	-3605 Nov 09 j 07:34	0°♎48'56	
morning max el	-3605 Nov 20 j 04:46	7°♎18'23	24°01'27
desc. node	-3605 Dec 06 j 16:21	28°♎13'15	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3605 Dec 07 j 21:49	0°♏	
morning set	-3605 Dec 25 j 19:19	28°♏21'43	
	-3605 Dec 26 j 18:06	0°♐	
max. Earth dist.	-3605 Dec 29 j 17:04	5°♐11'51	1.38439 AU
superior conj	-3604 Jan 05 j 21:38	18°♐26'44	-1°51'26
minimum elong	-3604 Jan 05 j 23:39	18°♐36'20	1°51'29
	-3604 Jan 11 j 20:46	0°♑	
evening rise	-3604 Jan 14 j 18:25	5°♑42'14	
asc. node	-3604 Jan 21 j 10:18	18°♑20'05	
	-3604 Jan 29 j 02:21	0°♒	
evening max el	-3604 Jan 31 j 07:46	2°♒23'57	18°53'43
retrograde	-3604 Feb 08 j 14:57	6°♒23'35	
evening set	-3604 Feb 11 j 00:56	6°♒04'40	
inferior conj	-3604 Feb 18 j 21:35	1°♒46'05	3°16'33
minimum elong	-3604 Feb 19 j 02:02	1°♒38'03	3°15'33
	-3604 Feb 21 j 08:21	30°℞♑	
min. Earth dist.	-3604 Feb 22 j 02:53	29°♑27'38	0.57491 AU
morning rise	-3604 Feb 27 j 00:32	26°♑38'59	
direct	-3604 Mar 03 j 10:54	25°♑28'11	
desc. node	-3604 Mar 03 j 15:29	25°♑28'17	
	-3604 Mar 14 j 10:29	0°♒	
morning max el	-3604 Mar 17 j 16:58	2°♒51'46	25°49'07
	-3604 Apr 06 j 00:37	0°♓	
morning set	-3604 Apr 14 j 12:04	16°♓37'32	
asc. node	-3604 Apr 18 j 09:48	24°♓59'02	
	-3604 Apr 20 j 17:01	0°♈	
superior conj	-3604 Apr 21 j 12:09	1°♈44'32	0°31'54
minimum elong	-3604 Apr 21 j 10:47	1°♈37'05	0°31'36
max. Earth dist.	-3604 Apr 22 j 04:54	3°♈15'57	1.32760 AU
evening rise	-3604 Apr 28 j 14:35	16°♈56'11	
	-3604 May 05 j 05:54	0°♉	
	-3604 May 24 j 21:14	0°♊	
evening max el	-3604 May 29 j 17:06	5°♊09'08	27°04'14
desc. node	-3604 May 30 j 14:16	5°♊58'33	
retrograde	-3604 Jun 12 j 15:57	12°♊30'13	
evening set	-3604 Jun 19 j 14:00	10°♊19'43	
min. Earth dist.	-3604 Jun 23 j 06:38	7°♊34'57	0.61275 AU
inferior conj	-3604 Jun 26 j 11:52	4°♊44'56	-4°17'28
minimum elong	-3604 Jun 26 j 13:42	4°♊40'53	4°17'11
	-3604 Jul 03 j 07:18	30°℞♉	
morning rise	-3604 Jul 03 j 15:01	29°♉52'59	
direct	-3604 Jul 06 j 04:11	29°♉26'11	
	-3604 Jul 08 j 23:26	0°♊	
morning max el	-3604 Jul 13 j 03:41	2°♊53'34	18°01'57
asc. node	-3604 Jul 15 j 09:17	5°♊20'43	
morning set	-3604 Jul 29 j 04:38	28°♊10'24	
	-3604 Jul 30 j 04:27	0°♋	
superior conj	-3604 Aug 08 j 12:17	16°♋50'39	1°37'55
minimum elong	-3604 Aug 08 j 16:04	17°♋07'17	1°37'47
max. Earth dist.	-3604 Aug 16 j 00:19	29°♋39'25	1.42009 AU
	-3604 Aug 16 j 05:16	0°♌	
evening rise	-3604 Aug 22 j 05:57	9°♌47'53	
desc. node	-3604 Aug 26 j 13:34	16°♌34'54	
	-3604 Sep 04 j 10:49	0°♍	
evening max el	-3604 Sep 23 j 20:37	25°♍29'05	22°11'30
	-3604 Sep 29 j 11:39	0°♎	
retrograde	-3604 Oct 03 j 06:05	1°♎04'10	
	-3604 Oct 06 j 17:19	30°℞♍	
evening set	-3604 Oct 07 j 17:27	29°♍16'28	
asc. node	-3604 Oct 11 j 08:18	25°♍18'49	
inferior conj	-3604 Oct 13 j 01:07	23°♍00'03	0°34'53
minimum elong	-3604 Oct 13 j 00:19	23°♍02'50	0°34'34
min. Earth dist.	-3604 Oct 13 j 02:13	22°♍56'17	0.67406 AU
morning rise	-3604 Oct 18 j 07:04	16°♍45'56	
direct	-3604 Oct 22 j 23:17	14°♍50'23	
morning max el	-3604 Nov 01 j 15:49	20°♍36'29	22°34'56
	-3604 Nov 09 j 14:31	0°♎	
desc. node	-3604 Nov 22 j 13:20	18°♎17'49	
	-3604 Nov 30 j 04:28	0°♏	
morning set	-3604 Dec 05 j 08:41	8°♏17'28	
max. Earth dist.	-3604 Dec 10 j 14:06	16°♏59'19	1.40513 AU
superior conj	-3604 Dec 18 j 08:27	0°♐35'02	-1°55'24
minimum elong	-3604 Dec 18 j 07:55	0°♐32'36	1°55'32
	-3604 Dec 18 j 00:41	0°♐	
evening rise	-3604 Dec 28 j 06:46	19°♐02'18	
	-3603 Jan 03 j 04:36	0°♑	
asc. node	-3603 Jan 07 j 07:20	6°♑58'26	
evening max el	-3603 Jan 13 j 12:56	15°♑05'29	18°20'57
retrograde	-3603 Jan 20 j 19:50	18°♑42'10	
evening set	-3603 Jan 23 j 09:02	18°♑16'48	
inferior conj	-3603 Jan 30 j 13:41	13°♑37'36	3°54'01
minimum elong	-3603 Jan 30 j 15:38	13°♑33'30	3°53'44
min. Earth dist.	-3603 Feb 02 j 22:37	10°♑48'47	0.59419 AU
morning rise	-3603 Feb 06 j 20:13	8°♑06'59	
direct	-3603 Feb 13 j 06:31	6°♑16'58	
desc. node	-3603 Feb 18 j 12:36	7°♑26'19	
morning max el	-3603 Feb 27 j 12:32	13°♑54'08	26°59'44
	-3603 Mar 12 j 09:30	0°♒	
	-3603 Mar 29 j 04:15	0°♓	
morning set	-3603 Mar 29 j 22:05	1°♓32'27	
asc. node	-3603 Apr 05 j 06:47	15°♓12'05	
superior conj	-3603 Apr 05 j 23:54	16°♓45'45	0°07'29
minimum elong	-3603 Apr 05 j 23:34	16°♓43'56	0°07'22
behind sun begin	-3603 Apr 05 j 19:07	16°♓19'34	
behind sun end	-3603 Apr 06 j 04:01	17°♓08'19	
max. Earth dist.	-3603 Apr 05 j 18:14	16°♓14'44	1.32546 AU
	-3603 Apr 12 j 02:33	0°♈	
evening rise	-3603 Apr 12 j 23:16	1°♈49'09	
	-3603 Apr 28 j 08:21	0°♉	
evening max el	-3603 May 11 j 16:48	16°♉51'47	26°11'18
desc. node	-3603 May 17 j 11:22	21°♉27'22	
retrograde	-3603 May 25 j 18:53	24°♉09'13	
evening set	-3603 May 31 j 22:46	22°♉35'06	
min. Earth dist.	-3603 Jun 05 j 05:37	19°♉53'21	0.59226 AU
inferior conj	-3603 Jun 08 j 14:35	17°♉18'30	-4°19'10
minimum elong	-3603 Jun 08 j 13:17	17°♉21'01	4°19'00
morning rise	-3603 Jun 16 j 06:16	12°♉48'32	
direct	-3603 Jun 18 j 18:28	12°♉26'45	
morning max el	-3603 Jun 26 j 12:50	16°♉09'05	18°27'07
asc. node	-3603 Jul 02 j 06:19	23°♉17'09	
	-3603 Jul 06 j 08:06	0°♊	
morning set	-3603 Jul 12 j 16:17	11°♊48'08	
superior conj	-3603 Jul 21 j 19:53	29°♊10'00	1°48'06
minimum elong	-3603 Jul 21 j 21:01	29°♊15'10	1°48'12
	-3603 Jul 22 j 06:44	0°♋	
max. Earth dist.	-3603 Jul 29 j 04:23	12°♋20'33	1.40133 AU
evening rise	-3603 Aug 02 j 15:17	19°♋54'40	
	-3603 Aug 08 j 20:35	0°♌	
desc. node	-3603 Aug 13 j 10:32	7°♌06'07	
	-3603 Aug 29 j 16:32	0°♍	
evening max el	-3603 Sep 06 j 10:13	8°♍55'13	23°31'51
retrograde	-3603 Sep 16 j 22:46	15°♍08'35	
evening set	-3603 Sep 22 j 00:09	13°♍01'33	
inferior conj	-3603 Sep 27 j 07:43	6°♍42'24	-0°18'35
minimum elong	-3603 Sep 27 j 08:09	6°♍40'55	0°18'20
min. Earth dist.	-3603 Sep 26 j 22:37	7°♍13'34	0.67413 AU
asc. node	-3603 Sep 28 j 05:25	5°♍28'33	
morning rise	-3603 Oct 02 j 16:06	0°♍32'00	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3603 Oct 03 j 10:18	30°℞♌	
direct	-3603 Oct 06 j 18:34	28°♌57'36	
	-3603 Oct 10 j 08:58	0°♍	
morning max el	-3603 Oct 15 j 08:13	4°♍00'42	21°13'21
	-3603 Nov 03 j 17:08	0°♎	
desc. node	-3603 Nov 09 j 10:17	8°♎38'40	
morning set	-3603 Nov 14 j 18:53	16°♎57'16	
max. Earth dist.	-3603 Nov 22 j 16:56	29°♎38'16	1.42408 AU
	-3603 Nov 22 j 22:15	0°♏	
superior conj	-3603 Nov 29 j 20:37	11°♏35'49	-1°46'31
minimum elong	-3603 Nov 29 j 16:18	11°♏17'25	1°46'22
	-3603 Dec 10 j 07:23	0°♐	
evening rise	-3603 Dec 11 j 05:49	1°♐41'08	
asc. node	-3603 Dec 25 j 04:23	24°♐55'02	
evening max el	-3603 Dec 27 j 23:16	28°♐08'08	18°08'11
	-3603 Dec 30 j 03:57	0°♑	
retrograde	-3602 Jan 03 j 16:29	1°♑35'58	
evening set	-3602 Jan 06 j 08:53	1°♑02'58	
	-3602 Jan 08 j 08:14	30°℞♐	
inferior conj	-3602 Jan 13 j 00:23	26°♐02'31	4°01'30
minimum elong	-3602 Jan 12 j 23:44	26°♐04'06	4°01'20
min. Earth dist.	-3602 Jan 16 j 01:22	23°♐07'21	0.61428 AU
morning rise	-3602 Jan 19 j 13:19	20°♐16'07	
direct	-3602 Jan 26 j 12:40	17°♐51'32	
desc. node	-3602 Feb 05 j 09:42	21°♐55'30	
morning max el	-3602 Feb 09 j 14:15	25°♐35'22	27°37'47
	-3602 Feb 13 j 17:00	0°♑	
	-3602 Mar 05 j 18:31	0°♒	
morning set	-3602 Mar 14 j 04:18	16°♒13'58	
max. Earth dist.	-3602 Mar 20 j 06:14	29°♒06'31	1.32679 AU
	-3602 Mar 20 j 16:05	0°♓	
superior conj	-3602 Mar 21 j 10:57	1°♓42'37	-0°17'44
minimum elong	-3602 Mar 21 j 11:46	1°♓47'00	0°17'39
asc. node	-3602 Mar 23 j 03:47	5°♓25'10	
evening rise	-3602 Mar 28 j 10:23	16°♓47'04	
	-3602 Apr 04 j 00:48	0°♈	
evening max el	-3602 Apr 23 j 10:51	27°♈56'31	24°52'30
	-3602 Apr 25 j 18:15	0°♉	
desc. node	-3602 May 04 j 08:29	4°♉40'21	
retrograde	-3602 May 07 j 11:19	5°♉02'57	
evening set	-3602 May 12 j 09:56	4°♉07'02	
min. Earth dist.	-3602 May 17 j 23:03	1°♉12'08	0.57307 AU
	-3602 May 19 j 18:46	30°℞♈	
inferior conj	-3602 May 20 j 22:01	29°♈14'18	-3°49'11
minimum elong	-3602 May 20 j 17:11	29°♈22'24	3°48'18
morning rise	-3602 May 29 j 03:28	25°♈03'52	
direct	-3602 May 31 j 15:11	24°♈46'01	
morning max el	-3602 Jun 09 j 14:44	28°♈57'20	19°12'34
	-3602 Jun 10 j 16:09	0°♉	
asc. node	-3602 Jun 19 j 03:21	11°♉56'54	
morning set	-3602 Jun 26 j 13:49	25°♉57'36	
	-3602 Jun 28 j 14:35	0°♊	
superior conj	-3602 Jul 04 j 21:33	12°♊25'03	1°47'41
minimum elong	-3602 Jul 04 j 20:33	12°♊20'14	1°47'48
max. Earth dist.	-3602 Jul 11 j 06:06	24°♊23'38	1.38186 AU
	-3602 Jul 14 j 09:01	0°♋	
evening rise	-3602 Jul 15 j 02:51	1°♋18'27	
desc. node	-3602 Jul 31 j 07:32	27°♋24'22	
	-3602 Aug 02 j 02:04	0°♌	
evening max el	-3602 Aug 19 j 21:24	22°♌25'10	24°50'57
retrograde	-3602 Aug 31 j 11:32	29°♌10'30	
evening set	-3602 Sep 06 j 03:51	26°♌45'04	
min. Earth dist.	-3602 Sep 10 j 17:18	21°♌32'05	0.67117 AU
inferior conj	-3602 Sep 11 j 12:58	20°♌26'49	-1°12'09
minimum elong	-3602 Sep 11 j 14:40	20°♌21'11	1°11'21
asc. node	-3602 Sep 15 j 02:31	16°♌05'33	
morning rise	-3602 Sep 17 j 01:29	14°♌23'16	
direct	-3602 Sep 20 j 16:13	13°♌07'44	
morning max el	-3602 Sep 28 j 07:47	17°♌33'43	20°02'31
	-3602 Oct 08 j 01:13	0°♍	
morning set	-3602 Oct 24 j 16:44	25°♍08'18	
desc. node	-3602 Oct 27 j 07:14	29°♍10'59	
	-3602 Oct 27 j 19:49	0°♎	
max. Earth dist.	-3602 Nov 05 j 03:20	13°♎06'43	1.43870 AU
superior conj	-3602 Nov 10 j 05:39	21°♎19'50	-1°21'20
minimum elong	-3602 Nov 09 j 22:35	20°♎51'05	1°20'40
	-3602 Nov 15 j 11:56	0°♏	
evening rise	-3602 Nov 23 j 11:14	13°♏29'58	
	-3602 Dec 03 j 05:04	0°♐	
evening max el	-3602 Dec 11 j 11:51	11°♐23'53	18°14'37
asc. node	-3602 Dec 12 j 01:29	11°♐57'15	
retrograde	-3602 Dec 18 j 00:43	14°♐54'55	
evening set	-3602 Dec 20 j 20:49	14°♐13'07	
inferior conj	-3602 Dec 27 j 01:56	8°♐52'22	3°47'34
minimum elong	-3602 Dec 26 j 23:34	8°♐58'47	3°47'07
min. Earth dist.	-3602 Dec 29 j 13:15	6°♐11'55	0.63270 AU
morning rise	-3601 Jan 02 j 01:39	2°♐55'04	
direct	-3601 Jan 09 j 02:55	0°♐09'26	
morning max el	-3601 Jan 22 j 20:57	7°♐54'15	27°39'31
desc. node	-3601 Jan 23 j 06:46	8°♐18'43	
	-3601 Feb 08 j 23:08	0°♑	
	-3601 Feb 25 j 21:46	0°♒	
morning set	-3601 Feb 26 j 04:17	0°♒32'36	
max. Earth dist.	-3601 Mar 03 j 12:55	11°♒36'25	1.33189 AU
superior conj	-3601 Mar 05 j 19:30	16°♒27'41	-0°42'51
minimum elong	-3601 Mar 05 j 21:25	16°♒37'55	0°42'34
asc. node	-3601 Mar 10 j 00:47	25°♒33'23	
	-3601 Mar 12 j 02:42	0°♓	
evening rise	-3601 Mar 12 j 22:02	1°♓42'03	
	-3601 Mar 28 j 18:11	0°♈	
evening max el	-3601 Apr 05 j 02:48	8°♈39'58	23°19'45
retrograde	-3601 Apr 18 j 14:42	15°♈20'49	
desc. node	-3601 Apr 21 j 05:37	15°♈05'37	
evening set	-3601 Apr 22 j 05:17	14°♈52'19	
min. Earth dist.	-3601 Apr 29 j 13:38	11°♈32'40	0.55856 AU
inferior conj	-3601 May 01 j 09:43	10°♈27'35	-2°39'02
minimum elong	-3601 May 01 j 03:46	10°♈36'24	2°37'21
morning rise	-3601 May 10 j 04:50	6°♈29'28	
direct	-3601 May 12 j 17:31	6°♈13'45	
morning max el	-3601 May 23 j 06:47	11°♈08'08	20°18'24
	-3601 Jun 05 j 09:42	0°♉	
asc. node	-3601 Jun 06 j 00:22	1°♉08'53	
morning set	-3601 Jun 10 j 18:12	10°♉30'11	
superior conj	-3601 Jun 18 j 12:08	26°♉20'45	1°39'22
minimum elong	-3601 Jun 18 j 09:54	26°♉09'30	1°39'19
	-3601 Jun 20 j 07:53	0°♊	
max. Earth dist.	-3601 Jun 23 j 11:36	6°♊10'57	1.36391 AU
evening rise	-3601 Jun 27 j 12:58	13°♊49'47	
	-3601 Jul 06 j 19:53	0°♋	
desc. node	-3601 Jul 18 j 04:34	17°♋23'19	
	-3601 Jul 27 j 20:26	0°♌	
evening max el	-3601 Aug 02 j 08:24	5°♌57'46	26°00'59
retrograde	-3601 Aug 14 j 19:38	13°♌05'07	
evening set	-3601 Aug 21 j 02:38	10°♌24'58	
min. Earth dist.	-3601 Aug 25 j 07:45	5°♌49'35	0.66488 AU
inferior conj	-3601 Aug 26 j 15:04	4°♌10'59	-2°04'05
minimum elong	-3601 Aug 26 j 17:54	4°♌02'01	2°02'56
	-3601 Aug 30 j 06:05	30°℞♋	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3601 Sep 01 j 09:20	28°♋17'37	
asc. node	-3601 Sep 01 j 23:37	27°♋57'36	
direct	-3601 Sep 04 j 14:33	27°♋17'58	
	-3601 Sep 10 j 06:42	0°♌	
morning max el	-3601 Sep 11 j 14:21	1°♌15'19	19°05'54
	-3601 Oct 01 j 13:12	0°♍	
morning set	-3601 Oct 04 j 02:09	3°♍59'43	
desc. node	-3601 Oct 14 j 04:11	19°♍51'07	
max. Earth dist.	-3601 Oct 18 j 19:40	27°♍10'04	1.44703 AU
superior conj	-3601 Oct 20 j 14:07	29°♍57'46	-0°40'04
minimum elong	-3601 Oct 20 j 09:06	29°♍37'56	0°39'26
	-3601 Oct 20 j 14:41	0°♎	
evening rise	-3601 Nov 04 j 18:32	24°♎21'04	
	-3601 Nov 08 j 05:27	0°♏	
evening max el	-3601 Nov 24 j 23:57	24°♏47'14	18°39'14
asc. node	-3601 Nov 28 j 22:35	27°♏50'46	
retrograde	-3601 Dec 01 j 16:28	28°♏31'47	
evening set	-3601 Dec 04 j 17:32	27°♏39'39	
inferior conj	-3601 Dec 10 j 14:41	22°♏00'55	3°18'58
minimum elong	-3601 Dec 10 j 11:36	22°♏10'06	3°18'09
min. Earth dist.	-3601 Dec 12 j 11:04	19°♏48'39	0.64801 AU
morning rise	-3601 Dec 16 j 05:17	15°♏55'28	
direct	-3601 Dec 22 j 23:52	13°♏04'08	
morning max el	-3600 Jan 05 j 06:20	20°♏42'56	27°07'20
desc. node	-3600 Jan 10 j 03:49	26°♏03'54	
	-3600 Jan 13 j 08:25	0°♐	
	-3600 Feb 02 j 00:52	0°♑	
morning set	-3600 Feb 09 j 19:02	14°♑18'42	
max. Earth dist.	-3600 Feb 14 j 10:41	23°♑34'25	1.34118 AU
superior conj	-3600 Feb 17 j 23:38	0°♒54'30	-1°06'46
minimum elong	-3600 Feb 18 j 02:25	1°♒09'10	1°06'25
	-3600 Feb 17 j 13:14	0°♒	
asc. node	-3600 Feb 24 j 21:49	15°♒32'23	
evening rise	-3600 Feb 25 j 08:27	16°♒27'53	
	-3600 Mar 03 j 04:46	0°♓	
evening max el	-3600 Mar 16 j 22:39	19°♓28'37	21°47'06
retrograde	-3600 Mar 29 j 07:03	25°♓27'01	
evening set	-3600 Mar 31 j 22:45	25°♓11'14	
desc. node	-3600 Apr 07 j 02:45	22°♓52'19	
inferior conj	-3600 Apr 10 j 07:21	21°♓07'40	-0°53'06
minimum elong	-3600 Apr 10 j 04:53	21°♓11'08	0°52'17
min. Earth dist.	-3600 Apr 10 j 03:19	21°♓13'20	0.55173 AU
morning rise	-3600 Apr 19 j 11:51	17°♓07'40	
direct	-3600 Apr 22 j 07:00	16°♓50'19	
morning max el	-3600 May 04 j 11:55	22°♓37'01	21°42'41
	-3600 May 10 j 20:53	0°♈	
asc. node	-3600 May 22 j 21:23	20°♈44'57	
morning set	-3600 May 25 j 03:04	25°♈19'04	
	-3600 May 27 j 08:55	0°♉	
superior conj	-3600 Jun 01 j 11:46	10°♉45'43	1°25'12
minimum elong	-3600 Jun 01 j 09:06	10°♉31'49	1°24'58
max. Earth dist.	-3600 Jun 05 j 01:39	18°♉07'39	1.34902 AU
evening rise	-3600 Jun 09 j 16:19	27°♉14'04	
	-3600 Jun 11 j 03:11	0°♊	
	-3600 Jun 29 j 02:47	0°♋	
desc. node	-3600 Jul 04 j 01:38	6°♋54'02	
evening max el	-3600 Jul 14 j 19:48	19°♋25'47	26°53'49
retrograde	-3600 Jul 27 j 22:39	26°♋45'18	
evening set	-3600 Aug 03 j 18:02	23°♋57'29	
min. Earth dist.	-3600 Aug 07 j 15:33	20°♋00'33	0.65496 AU
inferior conj	-3600 Aug 09 j 11:54	17°♋50'47	-2°52'28
minimum elong	-3600 Aug 09 j 15:34	17°♋40'03	2°51'12
morning rise	-3600 Aug 15 j 13:28	12°♋10'53	
direct	-3600 Aug 18 j 11:27	11°♋23'54	
asc. node	-3600 Aug 18 j 20:43	11°♋24'43	
morning max el	-3600 Aug 25 j 02:09	15°♋01'39	18°25'15
	-3600 Sep 04 j 20:51	0°♌	
morning set	-3600 Sep 13 j 13:15	14°♌07'05	
	-3600 Sep 23 j 09:05	0°♍	
superior conj	-3600 Sep 28 j 13:47	8°♍15'22	0°09'24
minimum elong	-3600 Sep 28 j 15:00	8°♍20'11	0°09'18
behind sun begin	-3600 Sep 28 j 05:40	7°♍43'17	
behind sun end	-3600 Sep 29 j 00:19	8°♍57'04	
desc. node	-3600 Sep 30 j 01:09	10°♍35'05	
max. Earth dist.	-3600 Sep 30 j 14:09	11°♍26'22	1.44810 AU
	-3600 Oct 12 j 09:40	0°♎	
evening rise	-3600 Oct 15 j 01:01	4°♎08'45	
greatest brilliancy	-3600 Oct 25 j 07:13	20°♎11'27	-0.8m
	-3600 Oct 31 j 20:37	0°♏	
evening max el	-3600 Nov 07 j 09:04	8°♏13'13	19°20'54
retrograde	-3600 Nov 14 j 12:22	12°♏20'14	
asc. node	-3600 Nov 14 j 19:41	12°♏19'42	
evening set	-3600 Nov 17 j 20:11	11°♏15'44	
inferior conj	-3600 Nov 23 j 11:22	5°♏22'06	2°40'22
minimum elong	-3600 Nov 23 j 08:21	5°♏31'46	2°39'22
min. Earth dist.	-3600 Nov 24 j 17:50	3°♏44'29	0.65969 AU
	-3600 Nov 27 j 23:24	30°℞♎	
morning rise	-3600 Nov 28 j 20:16	29°♎10'49	
direct	-3600 Dec 05 j 02:52	26°♎26'26	
	-3600 Dec 13 j 09:28	0°♏	
morning max el	-3600 Dec 17 j 15:59	3°♏48'55	26°07'53
desc. node	-3600 Dec 27 j 00:51	14°♏46'32	
	-3599 Jan 06 j 17:03	0°♐	
morning set	-3599 Jan 22 j 20:27	27°♐19'43	
	-3599 Jan 24 j 06:40	0°♑	
max. Earth dist.	-3599 Jan 26 j 20:50	4°♑57'51	1.35490 AU
superior conj	-3599 Jan 31 j 20:54	14°♑55'27	-1°28'05
minimum elong	-3599 Feb 01 j 00:07	15°♑11'48	1°27'49
	-3599 Feb 08 j 04:27	0°♒	
evening rise	-3599 Feb 08 j 15:47	0°♒58'04	
asc. node	-3599 Feb 10 j 18:52	5°♒17'07	
	-3599 Feb 26 j 09:15	0°♓	
evening max el	-3599 Feb 27 j 03:33	0°♓45'02	20°25'45
retrograde	-3599 Mar 09 j 21:25	5°♓51'49	
evening set	-3599 Mar 12 j 04:24	5°♓38'50	
inferior conj	-3599 Mar 21 j 03:42	1°♓40'31	1°03'17
minimum elong	-3599 Mar 21 j 06:27	1°♓36'28	1°02'17
min. Earth dist.	-3599 Mar 22 j 17:24	0°♓45'09	0.55415 AU
	-3599 Mar 24 j 01:03	30°℞♒	
desc. node	-3599 Mar 24 j 23:50	29°♒29'01	
morning rise	-3599 Mar 30 j 07:00	27°♒20'06	
direct	-3599 Apr 02 j 19:58	26°♒52'47	
	-3599 Apr 12 j 00:11	0°♓	
morning max el	-3599 Apr 16 j 07:44	3°♓29'38	23°19'35
	-3599 May 04 j 11:48	0°♈	
morning set	-3599 May 09 j 14:30	10°♈18'07	
asc. node	-3599 May 09 j 18:24	10°♈38'34	
superior conj	-3599 May 16 j 17:32	25°♈30'51	1°06'48
minimum elong	-3599 May 16 j 15:03	25°♈17'33	1°06'26
	-3599 May 18 j 20:12	0°♉	
max. Earth dist.	-3599 May 19 j 01:26	0°♉27'37	1.33777 AU
evening rise	-3599 May 24 j 08:11	11°♉17'46	
	-3599 Jun 03 j 10:30	0°♊	
desc. node	-3599 Jun 20 j 22:41	25°♊44'44	
	-3599 Jun 24 j 16:02	0°♋	
evening max el	-3599 Jun 27 j 06:41	2°♋39'22	27°22'09
retrograde	-3599 Jul 10 j 20:16	10°♋03'21	
evening set	-3599 Jul 17 j 23:11	7°♋19'05	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3599 Jul 21 j 14:50	3°♋57'34	0.64122 AU	
inferior conj	-3599 Jul 24 j 01:06	1°♋22'19	-3°34'31	
minimum elong	-3599 Jul 24 j 04:57	1°♋12'02	3°33'29	
	-3599 Jul 25 j 08:26	30°℞♊		
morning rise	-3599 Jul 30 j 11:28	25°♊58'54		
direct	-3599 Aug 02 j 04:24	25°♊21'39		
asc. node	-3599 Aug 05 j 17:47	26°♊25'50		
morning max el	-3599 Aug 08 j 16:48	28°♊48'25	18°01'44	
	-3599 Aug 09 j 19:41	0°♋		
morning set	-3599 Aug 26 j 03:09	25°♋31'26		
	-3599 Aug 28 j 18:07	0°♌		
superior conj	-3599 Sep 08 j 03:20	17°♌17'24	0°54'14	
minimum elong	-3599 Sep 08 j 08:44	17°♌39'21	0°53'41	
max. Earth dist.	-3599 Sep 13 j 07:01	25°♌35'13	1.44197 AU	
	-3599 Sep 16 j 01:48	0°♍		
desc. node	-3599 Sep 16 j 22:07	1°♍20'05		
evening rise	-3599 Sep 24 j 10:59	13°♍04'56		
	-3599 Oct 05 j 13:15	0°♎		
evening max el	-3599 Oct 21 j 13:16	21°♎39'49	20°17'54	
retrograde	-3599 Oct 29 j 09:42	26°♎16'53		
asc. node	-3599 Nov 01 j 16:46	25°♎14'00		
evening set	-3599 Nov 02 j 02:26	24°♎57'36		
inferior conj	-3599 Nov 07 j 13:27	18°♎52'30	1°54'57	
minimum elong	-3599 Nov 07 j 11:02	19°♎00'37	1°54'01	
min. Earth dist.	-3599 Nov 08 j 07:37	17°♎51'26	0.66783 AU	
morning rise	-3599 Nov 12 j 19:26	12°♎37'53		
direct	-3599 Nov 18 j 11:28	10°♎09'08		
morning max el	-3599 Nov 30 j 00:44	17°♎01'52	24°50'16	
	-3599 Dec 10 j 20:52	0°♏		
desc. node	-3599 Dec 13 j 21:51	4°♏10'03		
	-3599 Dec 30 j 16:54	0°♐		
morning set	-3598 Jan 05 j 03:12	9°♐20'50		
max. Earth dist.	-3598 Jan 08 j 20:21	16°♐02'55	1.37275 AU	
superior conj	-3598 Jan 15 j 08:13	28°♐22'10	-1°44'51	
minimum elong	-3598 Jan 15 j 11:02	28°♐35'52	1°44'47	
	-3598 Jan 16 j 04:12	0°♑		
evening rise	-3598 Jan 23 j 17:52	15°♑06'37		
asc. node	-3598 Jan 28 j 15:54	24°♑41'58		
	-3598 Jan 31 j 14:16	0°♒		
evening max el	-3598 Feb 09 j 19:13	12°♒38'08	19°21'44	
retrograde	-3598 Feb 18 j 21:37	16°♒58'05		
evening set	-3598 Feb 21 j 05:32	16°♒42'19		
inferior conj	-3598 Mar 01 j 12:20	12°♒34'18	2°38'21	
minimum elong	-3598 Mar 01 j 17:18	12°♒26'04	2°36'57	
min. Earth dist.	-3598 Mar 04 j 08:25	10°♒42'09	0.56538 AU	
morning rise	-3598 Mar 10 j 02:19	7°♒43'34		
desc. node	-3598 Mar 11 j 20:57	7°♒12'29		
direct	-3598 Mar 14 j 19:42	6°♒52'18		
morning max el	-3598 Mar 28 j 22:48	14°♒04'24	24°57'49	
	-3598 Apr 10 j 10:50	0°♓		
morning set	-3598 Apr 24 j 02:41	25°♓20'17		
	-3598 Apr 26 j 07:20	0°♈		
asc. node	-3598 Apr 26 j 15:24	0°♈43'24		
superior conj	-3598 May 01 j 03:03	10°♈27'22	0°45'18	
minimum elong	-3598 May 01 j 01:11	10°♈17'14	0°44'57	
max. Earth dist.	-3598 May 02 j 09:04	13°♈10'00	1.33024 AU	
evening rise	-3598 May 08 j 08:45	25°♈48'05		
	-3598 May 10 j 10:47	0°♉		
	-3598 May 27 j 22:20	0°♊		
desc. node	-3598 Jun 07 j 19:44	13°♊37'33		
evening max el	-3598 Jun 09 j 15:08	15°♊25'50	27°20'20	
retrograde	-3598 Jun 23 j 11:43	22°♊48'57		
evening set	-3598 Jun 30 j 14:18	20°♊22'18		
min. Earth dist.	-3598 Jul 04 j 04:22	17°♊27'45	0.62391 AU	
inferior conj	-3598 Jul 07 j 03:40	14°♊38'21	-4°06'14	
minimum elong	-3598 Jul 07 j 06:39	14°♊31'14	4°05'42	
morning rise	-3598 Jul 14 j 00:16	9°♊34'06		
direct	-3598 Jul 16 j 14:14	9°♊04'03		
morning max el	-3598 Jul 23 j 07:29	12°♊28'44	17°56'22	
asc. node	-3598 Jul 23 j 14:50	12°♊47'05		
	-3598 Aug 04 j 03:39	0°♋		
morning set	-3598 Aug 08 j 15:00	7°♋58'39		
superior conj	-3598 Aug 19 j 19:19	27°♋37'54	1°26'09	
minimum elong	-3598 Aug 20 j 00:26	27°♋59'43	1°25'47	
	-3598 Aug 21 j 04:48	0°♌		
max. Earth dist.	-3598 Aug 26 j 19:47	9°♌19'58	1.42953 AU	
evening rise	-3598 Sep 03 j 15:52	21°♌50'11		
desc. node	-3598 Sep 03 j 19:04	22°♌02'42		
	-3598 Sep 08 j 22:47	0°♍		
	-3598 Sep 30 j 00:08	0°♎		
evening max el	-3598 Oct 04 j 11:29	5°♎06'04	21°27'28	
retrograde	-3598 Oct 13 j 06:19	10°♎18'49		
evening set	-3598 Oct 17 j 10:15	8°♎42'14		
asc. node	-3598 Oct 19 j 13:51	6°♎37'33		
inferior conj	-3598 Oct 22 j 18:44	2°♎29'08	1°05'00	
minimum elong	-3598 Oct 22 j 17:16	2°♎34'10	1°04'24	
min. Earth dist.	-3598 Oct 23 j 01:54	2°♎04'30	0.67269 AU	
	-3598 Oct 24 j 14:46	30°℞♍		
morning rise	-3598 Oct 28 j 00:06	26°♍14'00		
direct	-3598 Nov 02 j 00:57	24°♍05'39		
	-3598 Nov 12 j 03:01	0°♎		
morning max el	-3598 Nov 12 j 09:55	0°♎17'18	23°24'21	
desc. node	-3598 Nov 30 j 18:51	24°♎02'27		
	-3598 Dec 04 j 18:49	0°♏		
morning set	-3598 Dec 17 j 09:04	20°♏05'36		
max. Earth dist.	-3598 Dec 21 j 15:47	27°♏25'02	1.39322 AU	
	-3598 Dec 23 j 03:07	0°♐		
superior conj	-3598 Dec 29 j 05:31	11°♐03'43	-1°54'27	
minimum elong	-3598 Dec 29 j 06:38	11°♐08'57	1°54'34	
evening rise	-3597 Jan 07 j 12:08	28°♐46'50		
	-3597 Jan 08 j 03:18	0°♑		
asc. node	-3597 Jan 15 j 12:56	13°♑40'07		
evening max el	-3597 Jan 23 j 20:18	25°♑05'06	18°37'23	
retrograde	-3597 Jan 31 j 15:35	28°♑52'40		
evening set	-3597 Feb 03 j 03:06	28°♑31'05		
inferior conj	-3597 Feb 10 j 16:39	24°♑04'20	3°36'39	
minimum elong	-3597 Feb 10 j 20:10	23°♑57'33	3°36'00	
min. Earth dist.	-3597 Feb 14 j 01:30	21°♑30'01	0.58281 AU	
morning rise	-3597 Feb 18 j 10:49	18°♑46'26		
direct	-3597 Feb 24 j 08:47	17°♑18'53		
desc. node	-3597 Feb 26 j 18:04	17°♑33'01		
morning max el	-3597 Mar 10 j 15:12	24°♑49'23	26°22'34	
	-3597 Mar 15 j 09:43	0°♒		
	-3597 Apr 03 j 11:07	0°♓		
morning set	-3597 Apr 08 j 14:00	10°♓19'42		
asc. node	-3597 Apr 13 j 12:25	20°♓54'53		
superior conj	-3597 Apr 15 j 14:29	25°♓28'42	0°21'42	
minimum elong	-3597 Apr 15 j 13:32	25°♓23'31	0°21'29	
max. Earth dist.	-3597 Apr 15 j 21:28	26°♓06'55	1.32627 AU	
	-3597 Apr 17 j 16:10	0°♈		
evening rise	-3597 Apr 22 j 15:12	10°♈35'31		
	-3597 May 02 j 17:38	0°♉		
evening max el	-3597 May 22 j 18:46	27°♉34'08	26°45'33	
desc. node	-3597 May 25 j 16:49	0°♊08'03		
	-3597 May 25 j 12:49	0°♊		
retrograde	-3597 Jun 05 j 19:26	4°♊53'32		
evening set	-3597 Jun 12 j 11:09	2°♊57'56		
min. Earth dist.	-3597 Jun 16 j 08:15	0°♊16'19	0.60408 AU	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3597 Jun 16 j 16:24	30°℞♉	
inferior conj	-3597 Jun 19 j 16:10	27°♉30'18	-4°21'24
minimum elong	-3597 Jun 19 j 16:49	27°♉28'56	4°21'16
morning rise	-3597 Jun 27 j 00:25	22°♉47'20	
direct	-3597 Jun 29 j 13:05	22°♉22'46	
morning max el	-3597 Jul 06 j 19:24	25°♉55'13	18°10'09
asc. node	-3597 Jul 10 j 11:53	0°♊12'51	
	-3597 Jul 10 j 08:04	0°♊	
morning set	-3597 Jul 22 j 19:19	21°♊14'19	
	-3597 Jul 27 j 11:48	0°♋	
superior conj	-3597 Aug 01 j 13:52	9°♋17'34	1°43'42
minimum elong	-3597 Aug 01 j 16:30	9°♋29'26	1°43'42
max. Earth dist.	-3597 Aug 09 j 03:22	22°♋28'14	1.41244 AU
	-3597 Aug 13 j 16:13	0°♌	
evening rise	-3597 Aug 14 j 11:17	1°♌17'28	
desc. node	-3597 Aug 21 j 16:02	12°♌39'26	
	-3597 Sep 02 j 09:58	0°♍	
evening max el	-3597 Sep 17 j 03:54	18°♍32'22	22°45'26
retrograde	-3597 Sep 27 j 00:41	24°♍23'26	
evening set	-3597 Oct 01 j 17:52	22°♍27'38	
asc. node	-3597 Oct 06 j 10:57	16°♍59'27	
inferior conj	-3597 Oct 07 j 01:21	16°♍09'54	0°12'20
minimum elong	-3597 Oct 07 j 01:03	16°♍10'54	0°12'15
transit middle	-3597 Oct 07 j 01:03	16°♍10'54	0°12'15
transit begin	-3597 Oct 06 j 23:16	16°♍17'04	
transit end	-3597 Oct 07 j 02:50	16°♍04'44	
min. Earth dist.	-3597 Oct 06 j 22:09	16°♍20'55	0.67452 AU
morning rise	-3597 Oct 12 j 08:07	9°♍57'05	
direct	-3597 Oct 16 j 18:24	8°♍10'31	
morning max el	-3597 Oct 25 j 22:47	13°♍37'18	21°59'10
	-3597 Nov 07 j 22:20	0°♎	
desc. node	-3597 Nov 17 j 15:47	14°♎14'49	
morning set	-3597 Nov 27 j 10:03	29°♎25'50	
	-3597 Nov 27 j 18:34	0°♏	
max. Earth dist.	-3597 Dec 03 j 15:08	9°♏35'01	1.41364 AU
superior conj	-3597 Dec 11 j 07:26	22°♏45'26	-1°53'28
minimum elong	-3597 Dec 11 j 05:22	22°♏36'21	1°53'30
	-3597 Dec 15 j 08:40	0°♐	
evening rise	-3597 Dec 21 j 19:19	11°♐50'29	
	-3596 Jan 01 j 01:52	0°♑	
asc. node	-3596 Jan 02 j 10:00	2°♑02'10	
evening max el	-3596 Jan 07 j 04:04	7°♑56'50	18°13'06
retrograde	-3596 Jan 14 j 03:42	11°♑27'55	
evening set	-3596 Jan 16 j 18:24	10°♑59'15	
inferior conj	-3596 Jan 23 j 17:03	6°♑10'44	4°00'19
minimum elong	-3596 Jan 23 j 17:49	6°♑09'00	4°00'09
min. Earth dist.	-3596 Jan 26 j 23:33	3°♑16'39	0.60286 AU
morning rise	-3596 Jan 30 j 15:39	0°♑32'55	
	-3596 Jan 31 j 14:35	30°℞♐	
direct	-3596 Feb 06 j 09:02	28°♐27'12	
	-3596 Feb 12 j 09:43	0°♑	
desc. node	-3596 Feb 13 j 15:10	0°♑39'30	
morning max el	-3596 Feb 20 j 13:13	6°♑06'51	27°20'18
	-3596 Mar 09 j 10:46	0°♒	
morning set	-3596 Mar 22 j 22:38	25°♒09'27	
	-3596 Mar 25 j 05:59	0°♓	
max. Earth dist.	-3596 Mar 29 j 10:50	9°♓04'48	1.32565 AU
superior conj	-3596 Mar 30 j 02:07	10°♓28'25	-0°03'12
minimum elong	-3596 Mar 30 j 02:16	10°♓29'12	0°03'13
behind sun begin	-3596 Mar 29 j 21:20	10°♓02'13	
behind sun end	-3596 Mar 30 j 07:12	10°♓56'11	
asc. node	-3596 Mar 30 j 09:26	11°♓08'24	
evening rise	-3596 Apr 06 j 01:10	25°♓31'21	
	-3596 Apr 08 j 05:01	0°♈	
	-3596 Apr 25 j 20:33	0°♉	
evening max el	-3596 May 03 j 15:56	8°♉59'21	25°40'21
desc. node	-3596 May 11 j 13:56	14°♉43'43	
retrograde	-3596 May 17 j 17:46	16°♉12'37	
evening set	-3596 May 23 j 10:29	14°♉55'18	
min. Earth dist.	-3596 May 28 j 04:16	12°♉09'52	0.58377 AU
inferior conj	-3596 May 31 j 10:56	9°♉48'33	-4°10'58
minimum elong	-3596 May 31 j 08:03	9°♉53'47	4°10'36
morning rise	-3596 Jun 08 j 08:20	5°♉27'22	
direct	-3596 Jun 10 j 20:30	5°♉07'13	
morning max el	-3596 Jun 19 j 01:44	8°♉59'47	18°44'00
asc. node	-3596 Jun 26 j 08:56	18°♉29'02	
	-3596 Jul 02 j 19:56	0°♊	
morning set	-3596 Jul 05 j 11:36	5°♊06'57	
superior conj	-3596 Jul 14 j 05:51	22°♊02'46	1°49'03
minimum elong	-3596 Jul 14 j 05:58	22°♊03'20	1°49'12
	-3596 Jul 18 j 12:51	0°♋	
max. Earth dist.	-3596 Jul 21 j 06:22	4°♋53'53	1.39299 AU
evening rise	-3596 Jul 25 j 07:53	11°♋57'10	
	-3596 Aug 05 j 11:58	0°♌	
desc. node	-3596 Aug 07 j 13:02	3°♌06'18	
	-3596 Aug 27 j 17:48	0°♍	
evening max el	-3596 Aug 29 j 16:13	2°♍00'39	24°06'02
retrograde	-3596 Sep 09 j 15:44	8°♍28'12	
evening set	-3596 Sep 14 j 23:33	6°♍12'52	
inferior conj	-3596 Sep 20 j 07:35	29°♌53'49	-0°41'21
minimum elong	-3596 Sep 20 j 08:34	29°♌50'32	0°40'52
min. Earth dist.	-3596 Sep 19 j 18:02	0°♍39'44	0.67330 AU
	-3596 Sep 20 j 05:46	30°℞♌	
asc. node	-3596 Sep 22 j 08:03	27°♌14'19	
morning rise	-3596 Sep 25 j 17:33	23°♌46'14	
direct	-3596 Sep 29 j 14:48	22°♌20'15	
morning max el	-3596 Oct 07 j 18:15	27°♌06'10	20°41'45
	-3596 Oct 10 j 09:14	0°♍	
	-3596 Oct 31 j 11:24	0°♎	
desc. node	-3596 Nov 03 j 12:46	4°♎41'41	
morning set	-3596 Nov 05 j 12:28	7°♎46'26	
max. Earth dist.	-3596 Nov 14 j 21:56	22°♎39'25	1.43104 AU
	-3596 Nov 19 j 09:40	0°♏	
superior conj	-3596 Nov 21 j 08:25	3°♏14'27	-1°37'57
minimum elong	-3596 Nov 21 j 02:36	2°♏50'06	1°37'34
evening rise	-3596 Dec 03 j 11:31	24°♏09'57	
	-3596 Dec 06 j 18:50	0°♐	
asc. node	-3596 Dec 19 j 07:04	19°♐37'22	
evening max el	-3596 Dec 20 j 15:39	21°♐05'40	18°08'29
retrograde	-3596 Dec 27 j 06:01	24°♐33'46	
evening set	-3596 Dec 29 j 23:50	23°♐57'10	
inferior conj	-3595 Jan 05 j 10:35	18°♐47'30	3°57'44
minimum elong	-3595 Jan 05 j 09:04	18°♐51'21	3°57'29
min. Earth dist.	-3595 Jan 08 j 05:59	15°♐56'37	0.62248 AU
morning rise	-3595 Jan 11 j 17:20	12°♐55'49	
direct	-3595 Jan 18 j 18:31	10°♐20'44	
desc. node	-3595 Jan 30 j 12:15	16°♐01'39	
morning max el	-3595 Feb 01 j 17:33	18°♐05'29	27°42'57
	-3595 Feb 11 j 18:45	0°♑	
	-3595 Mar 02 j 03:58	0°♒	
morning set	-3595 Mar 07 j 02:31	9°♒42'14	
max. Earth dist.	-3595 Mar 12 j 21:12	21°♒49'24	1.32851 AU
superior conj	-3595 Mar 14 j 12:18	25°♒20'33	-0°28'30
minimum elong	-3595 Mar 14 j 13:36	25°♒27'31	0°28'18
	-3595 Mar 16 j 15:46	0°♓	
asc. node	-3595 Mar 17 j 06:27	1°♓19'44	
evening rise	-3595 Mar 21 j 12:43	10°♓28'30	
	-3595 Mar 31 j 15:22	0°♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3595 Apr 15 j 08:10	19°♈50'47	24°13'46
desc. node	-3595 Apr 28 j 11:04	26°♈47'48	
retrograde	-3595 Apr 29 j 04:49	26°♈49'03	
evening set	-3595 May 03 j 13:38	26°♈06'22	
min. Earth dist.	-3595 May 09 j 19:49	23°♈02'23	0.56608 AU
inferior conj	-3595 May 12 j 09:38	21°♈25'22	-3°24'31
minimum elong	-3595 May 12 j 03:50	21°♈34'33	3°23'12
morning rise	-3595 May 20 j 21:08	17°♈21'57	
direct	-3595 May 23 j 08:57	17°♈05'21	
morning max el	-3595 Jun 01 j 23:44	21°♈32'58	19°38'18
	-3595 Jun 08 j 19:49	0°♉	
asc. node	-3595 Jun 13 j 05:59	7°♉23'25	
morning set	-3595 Jun 19 j 12:20	19°♉26'52	
	-3595 Jun 24 j 17:57	0°♊	
superior conj	-3595 Jun 27 j 13:33	5°♊36'45	1°45'00
minimum elong	-3595 Jun 27 j 11:55	5°♊28'44	1°45'03
max. Earth dist.	-3595 Jul 03 j 08:46	16°♊46'16	1.37381 AU
evening rise	-3595 Jul 07 j 05:34	23°♊50'44	
	-3595 Jul 10 j 17:41	0°♋	
desc. node	-3595 Jul 25 j 10:04	23°♋17'24	
	-3595 Jul 30 j 04:18	0°♌	
evening max el	-3595 Aug 12 j 02:53	15°♌31'18	25°22'17
retrograde	-3595 Aug 24 j 02:42	22°♌27'56	
evening set	-3595 Aug 30 j 01:27	19°♌55'18	
min. Earth dist.	-3595 Sep 03 j 11:08	14°♌58'16	0.66889 AU
inferior conj	-3595 Sep 04 j 11:42	13°♌38'19	-1°34'28
minimum elong	-3595 Sep 04 j 13:55	13°♌31'07	1°33'30
asc. node	-3595 Sep 09 j 05:09	8°♌18'34	
morning rise	-3595 Sep 10 j 02:30	7°♌38'54	
direct	-3595 Sep 13 j 12:49	6°♌30'43	
morning max el	-3595 Sep 20 j 21:02	10°♌43'38	19°36'38
	-3595 Oct 05 j 01:23	0°♍	
morning set	-3595 Oct 15 j 12:31	16°♍07'29	
desc. node	-3595 Oct 21 j 09:43	25°♍17'56	
	-3595 Oct 24 j 09:38	0°♎	
max. Earth dist.	-3595 Oct 28 j 11:01	6°♎24'25	1.44308 AU
superior conj	-3595 Nov 01 j 05:59	12°♎27'08	-1°05'31
minimum elong	-3595 Oct 31 j 23:03	11°♎59'20	1°04'46
	-3595 Nov 11 j 23:47	0°♏	
evening rise	-3595 Nov 15 j 08:05	5°♏35'37	
	-3595 Nov 30 j 12:16	0°♐	
evening max el	-3595 Dec 04 j 04:17	4°♐25'15	18°22'51
asc. node	-3595 Dec 06 j 04:08	6°♐12'25	
retrograde	-3595 Dec 10 j 17:59	8°♐01'12	
evening set	-3595 Dec 13 j 15:52	7°♐15'24	
inferior conj	-3595 Dec 19 j 17:21	1°♐46'41	3°36'55
minimum elong	-3595 Dec 19 j 14:34	1°♐54'35	3°36'17
	-3595 Dec 21 j 06:51	30°℞♏	
min. Earth dist.	-3595 Dec 21 j 22:20	29°♏16'45	0.63964 AU
morning rise	-3595 Dec 25 j 12:42	25°♏45'18	
direct	-3594 Jan 01 j 11:52	22°♏55'19	
	-3594 Jan 14 j 09:42	0°♐	
morning max el	-3594 Jan 15 j 01:56	0°♐39'36	27°29'36
desc. node	-3594 Jan 17 j 09:19	3°♐03'34	
	-3594 Feb 05 j 19:12	0°♑	
morning set	-3594 Feb 18 j 23:04	23°♑49'14	
	-3594 Feb 22 j 00:44	0°♒	
max. Earth dist.	-3594 Feb 24 j 00:31	4°♒07'04	1.33526 AU
superior conj	-3594 Feb 26 j 19:16	9°♒59'17	-0°53'14
minimum elong	-3594 Feb 26 j 21:36	10°♒11'38	0°52'54
asc. node	-3594 Mar 04 j 03:28	21°♒24'55	
evening rise	-3594 Mar 06 j 00:04	25°♒20'43	
	-3594 Mar 08 j 06:04	0°♓	
	-3594 Mar 27 j 11:11	0°♈	
evening max el	-3594 Mar 28 j 00:58	0°♈33'36	22°39'34
retrograde	-3594 Apr 10 j 03:31	6°♈58'56	
evening set	-3594 Apr 13 j 06:20	6°♈37'37	
desc. node	-3594 Apr 15 j 08:12	6°♈01'21	
min. Earth dist.	-3594 Apr 21 j 10:10	3°♈03'26	0.55449 AU
inferior conj	-3594 Apr 22 j 14:17	2°♈23'08	-1°57'28
minimum elong	-3594 Apr 22 j 09:18	2°♈30'18	1°55'53
	-3594 Apr 27 j 01:03	30°℞♓	
morning rise	-3594 May 01 j 14:16	28°♓26'17	
direct	-3594 May 04 j 04:20	28°♓10'42	
	-3594 May 10 j 19:43	0°♈	
morning max el	-3594 May 15 j 11:19	3°♈27'16	20°52'17
asc. node	-3594 May 31 j 03:02	26°♈46'57	
	-3594 Jun 01 j 18:06	0°♉	
morning set	-3594 Jun 03 j 18:53	4°♉07'17	
superior conj	-3594 Jun 11 j 08:25	19°♉46'36	1°33'59
minimum elong	-3594 Jun 11 j 05:55	19°♉33'48	1°33'50
max. Earth dist.	-3594 Jun 15 j 17:06	28°♉33'22	1.35709 AU
	-3594 Jun 16 j 10:45	0°♊	
evening rise	-3594 Jun 19 j 23:41	6°♊46'51	
	-3594 Jul 03 j 10:58	0°♋	
desc. node	-3594 Jul 12 j 07:06	13°♋05'36	
evening max el	-3594 Jul 25 j 13:56	29°♋02'34	26°26'03
	-3594 Jul 26 j 14:08	0°♌	
retrograde	-3594 Aug 07 j 08:52	6°♌17'03	
evening set	-3594 Aug 13 j 21:24	3°♌32'33	
	-3594 Aug 17 j 07:33	30°℞♋	
min. Earth dist.	-3594 Aug 17 j 23:08	29°♋13'24	0.66107 AU
inferior conj	-3594 Aug 19 j 11:49	27°♋21'01	-2°25'14
minimum elong	-3594 Aug 19 j 15:04	27°♋11'04	2°23'58
morning rise	-3594 Aug 25 j 09:00	21°♋32'51	
asc. node	-3594 Aug 27 j 02:15	20°♋49'32	
direct	-3594 Aug 28 j 10:45	20°♋39'06	
morning max el	-3594 Sep 04 j 06:02	24°♋27'28	18°46'31
	-3594 Sep 08 j 19:57	0°♌	
morning set	-3594 Sep 25 j 07:52	25°♌28'28	
	-3594 Sep 28 j 04:01	0°♍	
desc. node	-3594 Oct 08 j 06:40	15°♍59'59	
superior conj	-3594 Oct 11 j 08:00	20°♍48'52	-0°19'22
minimum elong	-3594 Oct 11 j 05:27	20°♍38'50	0°19'00
max. Earth dist.	-3594 Oct 11 j 03:59	20°♍33'05	1.44836 AU
	-3594 Oct 17 j 03:45	0°♎	
evening rise	-3594 Oct 27 j 04:48	15°♎59'12	
	-3594 Nov 04 j 22:48	0°♏	
evening max el	-3594 Nov 17 j 15:25	17°♏50'25	18°55'01
asc. node	-3594 Nov 23 j 01:13	21°♏31'54	
retrograde	-3594 Nov 24 j 11:46	21°♏43'28	
evening set	-3594 Nov 27 j 15:24	20°♏46'29	
inferior conj	-3594 Dec 03 j 09:49	15°♏01'18	3°03'36
minimum elong	-3594 Dec 03 j 06:41	15°♏10'58	3°02'40
min. Earth dist.	-3594 Dec 05 j 00:13	13°♏03'01	0.65344 AU
morning rise	-3594 Dec 08 j 21:37	8°♏53'06	
direct	-3594 Dec 15 j 11:42	6°♏02'59	
morning max el	-3594 Dec 28 j 11:29	13°♏36'44	26°44'48
desc. node	-3593 Jan 04 j 06:20	21°♏15'50	
	-3593 Jan 10 j 20:09	0°♐	
	-3593 Jan 29 j 10:31	0°♑	
morning set	-3593 Feb 02 j 08:42	7°♑18'13	
max. Earth dist.	-3593 Feb 06 j 17:12	15°♑48'40	1.34644 AU
superior conj	-3593 Feb 10 j 20:49	24°♑16'34	-1°16'14
minimum elong	-3593 Feb 10 j 23:52	24°♑32'22	1°15'54
	-3593 Feb 13 j 14:37	0°♒	
evening rise	-3593 Feb 18 j 09:24	10°♒00'48	
asc. node	-3593 Feb 19 j 00:29	11°♒18'35	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3593 Mar 01 j 00:51	0°♓	
evening max el	-3593 Mar 10 j 00:24	11°♓33'01	21°10'42
retrograde	-3593 Mar 21 j 17:14	17°♓09'11	
evening set	-3593 Mar 24 j 03:30	16°♓55'35	
inferior conj	-3593 Apr 02 j 09:37	12°♓56'52	-0°03'00
minimum elong	-3593 Apr 02 j 09:29	12°♓57'04	0°03'00
transit middle	-3593 Apr 02 j 09:29	12°♓57'04	0°03'00
transit begin	-3593 Apr 02 j 05:27	13°♓02'46	
transit end	-3593 Apr 02 j 13:30	12°♓51'22	
desc. node	-3593 Apr 02 j 05:19	13°♓02'58	
min. Earth dist.	-3593 Apr 03 j 00:14	12°♓36'11	0.55162 AU
morning rise	-3593 Apr 11 j 15:06	8°♓49'52	
direct	-3593 Apr 14 j 16:25	8°♓29'29	
morning max el	-3593 Apr 27 j 12:02	14°♓39'11	22°22'47
	-3593 May 09 j 04:51	0°♈	
asc. node	-3593 May 18 j 00:03	16°♈31'08	
morning set	-3593 May 19 j 05:03	19°♈00'58	
	-3593 May 24 j 09:43	0°♉	
superior conj	-3593 May 26 j 10:57	4°♉20'52	1°17'50
minimum elong	-3593 May 26 j 08:18	4°♉06'52	1°17'32
max. Earth dist.	-3593 May 29 j 11:20	10°♉38'49	1.34382 AU
evening rise	-3593 Jun 03 j 08:54	20°♉29'36	
	-3593 Jun 08 j 09:48	0°♊	
	-3593 Jun 27 j 09:10	0°♋	
desc. node	-3593 Jun 29 j 04:09	2°♋20'51	
evening max el	-3593 Jul 08 j 01:31	12°♋26'26	27°09'22
retrograde	-3593 Jul 21 j 09:37	19°♋48'18	
evening set	-3593 Jul 28 j 08:48	17°♋00'51	
min. Earth dist.	-3593 Aug 01 j 03:39	13°♋19'16	0.64955 AU
inferior conj	-3593 Aug 03 j 05:44	10°♋57'59	-3°11'20
minimum elong	-3593 Aug 03 j 09:34	10°♋47'08	3°10'06
morning rise	-3593 Aug 09 j 10:50	5°♋24'25	
direct	-3593 Aug 12 j 06:25	4°♋41'50	
asc. node	-3593 Aug 13 j 23:20	4°♋57'24	
morning max el	-3593 Aug 18 j 19:16	8°♋14'01	18°13'02
	-3593 Sep 02 j 13:56	0°♌	
morning set	-3593 Sep 06 j 06:48	6°♌10'01	
superior conj	-3593 Sep 20 j 11:02	29°♌18'11	0°29'39
minimum elong	-3593 Sep 20 j 14:35	29°♌32'21	0°29'16
	-3593 Sep 20 j 21:31	0°♍	
max. Earth dist.	-3593 Sep 23 j 22:14	4°♍48'43	1.44634 AU
desc. node	-3593 Sep 25 j 03:36	6°♍44'46	
evening rise	-3593 Oct 07 j 01:21	25°♍21'57	
	-3593 Oct 10 j 01:00	0°♎	
greatest brilliancy	-3593 Oct 19 j 10:16	14°♎24'55	-0.7m
	-3593 Oct 30 j 18:03	0°♏	
evening max el	-3593 Oct 31 j 22:45	1°♏17'41	19°43'30
retrograde	-3593 Nov 08 j 08:27	5°♏36'09	
asc. node	-3593 Nov 09 j 22:18	5°♏21'46	
evening set	-3593 Nov 11 j 19:51	4°♏25'36	
	-3593 Nov 16 j 04:17	30°℞♎	
inferior conj	-3593 Nov 17 j 09:04	28°♎26'53	2°21'48
minimum elong	-3593 Nov 17 j 06:15	28°♎36'07	2°20'47
min. Earth dist.	-3593 Nov 18 j 10:08	27°♎04'47	0.66360 AU
morning rise	-3593 Nov 22 j 16:27	22°♎14'09	
direct	-3593 Nov 28 j 17:10	19°♎35'31	
morning max el	-3593 Dec 10 j 20:33	26°♎46'14	25°36'33
	-3593 Dec 13 j 21:12	0°♏	
desc. node	-3593 Dec 22 j 03:20	10°♏17'46	
	-3592 Jan 04 j 11:00	0°♐	
morning set	-3592 Jan 16 j 02:54	19°♐55'52	
max. Earth dist.	-3592 Jan 19 j 22:25	27°♐01'34	1.36211 AU
	-3592 Jan 21 j 11:42	0°♑	
superior conj	-3592 Jan 25 j 14:19	8°♑04'44	-1°35'52
minimum elong	-3592 Jan 25 j 17:29	8°♑20'34	1°35'41
evening rise	-3592 Feb 02 j 14:48	24°♑22'59	
	-3592 Feb 05 j 10:07	0°♒	
asc. node	-3592 Feb 05 j 21:29	0°♒55'45	
evening max el	-3592 Feb 20 j 09:57	23°♒05'05	19°56'07
retrograde	-3592 Mar 01 j 10:02	27°♒50'09	
evening set	-3592 Mar 03 j 17:01	27°♒36'20	
inferior conj	-3592 Mar 12 j 09:44	23°♒35'18	1°47'36
minimum elong	-3592 Mar 12 j 13:57	23°♒28'50	1°46'13
min. Earth dist.	-3592 Mar 14 j 14:18	22°♒14'56	0.55809 AU
desc. node	-3592 Mar 19 j 02:25	19°♒51'55	
morning rise	-3592 Mar 21 j 08:43	19°♒02'46	
direct	-3592 Mar 25 j 09:15	18°♒27'02	
morning max el	-3592 Apr 08 j 04:54	25°♒20'13	24°01'57
	-3592 Apr 12 j 12:55	0°♓	
	-3592 Apr 30 j 18:17	0°♈	
morning set	-3592 May 02 j 17:00	4°♈01'54	
asc. node	-3592 May 03 j 21:03	6°♈29'55	
superior conj	-3592 May 09 j 18:33	19°♈11'15	0°57'59
minimum elong	-3592 May 09 j 16:17	18°♈59'02	0°57'36
max. Earth dist.	-3592 May 11 j 15:03	23°♈09'55	1.33422 AU
	-3592 May 14 j 20:58	0°♉	
evening rise	-3592 May 17 j 04:53	4°♉45'41	
	-3592 May 31 j 02:14	0°♊	
desc. node	-3592 Jun 15 j 01:13	20°♊49'05	
evening max el	-3592 Jun 19 j 11:48	25°♊30'07	27°25'19
	-3592 Jun 25 j 00:08	0°♋	
retrograde	-3592 Jul 03 j 04:22	2°♋53'12	
evening set	-3592 Jul 10 j 08:24	0°♋14'47	
	-3592 Jul 10 j 16:19	30°℞♊	
min. Earth dist.	-3592 Jul 13 j 22:46	27°♊06'10	0.63428 AU
inferior conj	-3592 Jul 16 j 14:46	24°♊23'28	-3°49'35
minimum elong	-3592 Jul 16 j 18:25	24°♊14'12	3°48'44
morning rise	-3592 Jul 23 j 05:18	19°♊07'47	
direct	-3592 Jul 25 j 20:52	18°♊33'42	
asc. node	-3592 Jul 30 j 20:26	20°♊34'05	
morning max el	-3592 Aug 01 j 10:13	21°♊58'10	17°57'12
	-3592 Aug 07 j 14:29	0°♋	
morning set	-3592 Aug 18 j 06:43	18°♋02'48	
	-3592 Aug 25 j 04:42	0°♌	
superior conj	-3592 Aug 30 j 11:03	8°♌50'52	1°09'36
minimum elong	-3592 Aug 30 j 16:47	9°♌14'37	1°09'04
max. Earth dist.	-3592 Sep 05 j 14:14	18°♌51'14	1.43737 AU
desc. node	-3592 Sep 11 j 00:33	27°♌28'49	
	-3592 Sep 12 j 15:10	0°♍	
evening rise	-3592 Sep 15 j 06:42	4°♍06'50	
	-3592 Oct 02 j 13:01	0°♎	
evening max el	-3592 Oct 14 j 00:28	14°♎43'45	20°46'11
retrograde	-3592 Oct 22 j 05:40	19°♎35'13	
evening set	-3592 Oct 26 j 03:00	18°♎08'35	
asc. node	-3592 Oct 26 j 19:24	17°♎35'23	
inferior conj	-3592 Oct 31 j 12:44	11°♎59'36	1°34'11
minimum elong	-3592 Oct 31 j 10:41	12°♎06'32	1°33'23
min. Earth dist.	-3592 Nov 01 j 02:00	11°♎14'26	0.67028 AU
morning rise	-3592 Nov 05 j 18:12	5°♎44'39	
direct	-3592 Nov 11 j 03:44	3°♎24'28	
morning max el	-3592 Nov 22 j 05:15	10°♎00'13	24°14'16
desc. node	-3592 Dec 08 j 00:18	29°♎54'18	
	-3592 Dec 08 j 01:54	0°♏	
	-3592 Dec 27 j 03:52	0°♐	
morning set	-3592 Dec 27 j 23:46	1°♐25'45	
max. Earth dist.	-3592 Dec 31 j 19:37	8°♐10'46	1.38133 AU
superior conj	-3591 Jan 07 j 20:13	21°♐13'18	-1°49'59
minimum elong	-3591 Jan 07 j 22:29	21°♐24'11	1°50'00

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3591 Jan 12 j 08:35	0°♑	
evening rise	-3591 Jan 16 j 13:54	8°♑20'16	
asc. node	-3591 Jan 22 j 18:31	20°♑10'04	
	-3591 Jan 28 j 19:59	0°♒	
evening max el	-3591 Feb 02 j 05:47	5°♒12'41	19°00'19
retrograde	-3591 Feb 10 j 17:42	9°♒17'16	
evening set	-3591 Feb 13 j 03:04	8°♒59'16	
inferior conj	-3591 Feb 21 j 02:17	4°♒43'32	3°07'44
minimum elong	-3591 Feb 21 j 06:58	4°♒35'16	3°06'36
min. Earth dist.	-3591 Feb 24 j 05:43	2°♒31'21	0.57226 AU
	-3591 Feb 28 j 14:06	30°℞♑	
morning rise	-3591 Mar 01 j 08:13	29°♑40'24	
desc. node	-3591 Mar 05 j 23:30	28°♑35'59	
direct	-3591 Mar 06 j 14:12	28°♑35'05	
	-3591 Mar 12 j 14:56	0°♒	
morning max el	-3591 Mar 20 j 19:57	5°♒56'13	25°36'29
	-3591 Apr 07 j 08:37	0°♓	
morning set	-3591 Apr 17 j 05:04	19°♓04'09	
asc. node	-3591 Apr 20 j 18:03	26°♓38'17	
	-3591 Apr 22 j 07:09	0°♈	
superior conj	-3591 Apr 24 j 05:08	4°♈10'50	0°35'29
minimum elong	-3591 Apr 24 j 03:37	4°♈02'37	0°35'11
max. Earth dist.	-3591 Apr 25 j 01:17	6°♈00'41	1.32814 AU
evening rise	-3591 May 01 j 08:17	19°♈24'28	
	-3591 May 06 j 16:27	0°♉	
	-3591 May 25 j 13:49	0°♊	
desc. node	-3591 Jun 01 j 22:19	8°♊10'38	
evening max el	-3591 Jun 01 j 18:20	8°♊01'11	27°09'27
retrograde	-3591 Jun 15 j 16:40	15°♊23'05	
evening set	-3591 Jun 22 j 16:19	13°♊07'51	
min. Earth dist.	-3591 Jun 26 j 07:52	10°♊21'10	0.61570 AU
inferior conj	-3591 Jun 29 j 11:49	7°♊30'34	-4°15'10
minimum elong	-3591 Jun 29 j 14:01	7°♊25'37	4°14'51
morning rise	-3591 Jul 06 j 13:15	2°♊35'31	
direct	-3591 Jul 09 j 02:34	2°♊07'57	
morning max el	-3591 Jul 16 j 00:11	5°♊34'15	17°59'55
asc. node	-3591 Jul 17 j 17:30	7°♊25'04	
	-3591 Jul 31 j 14:46	0°♋	
morning set	-3591 Aug 01 j 02:14	0°♋52'29	
superior conj	-3591 Aug 11 j 14:55	19°♋47'04	1°35'15
minimum elong	-3591 Aug 11 j 19:06	20°♋05'16	1°35'04
	-3591 Aug 17 j 14:42	0°♌	
max. Earth dist.	-3591 Aug 19 j 00:59	2°♌22'21	1.42267 AU
evening rise	-3591 Aug 25 j 15:42	13°♌04'06	
desc. node	-3591 Aug 28 j 21:33	18°♌09'25	
	-3591 Sep 05 j 16:27	0°♍	
evening max el	-3591 Sep 26 j 19:57	28°♍09'05	21°59'50
	-3591 Sep 28 j 18:31	0°♎	
retrograde	-3591 Oct 06 j 01:37	3°♎38'31	
evening set	-3591 Oct 10 j 10:58	1°♎53'46	
	-3591 Oct 12 j 09:48	30°℞♍	
asc. node	-3591 Oct 13 j 16:31	28°♍27'21	
inferior conj	-3591 Oct 15 j 18:48	25°♍37'59	0°42'53
minimum elong	-3591 Oct 15 j 17:49	25°♍41'23	0°42'29
min. Earth dist.	-3591 Oct 15 j 21:27	25°♍28'52	0.67381 AU
morning rise	-3591 Oct 21 j 00:33	19°♍23'26	
direct	-3591 Oct 25 j 18:55	17°♍24'36	
morning max el	-3591 Nov 04 j 15:45	23°♍17'32	22°47'33
	-3591 Nov 10 j 12:28	0°♎	
desc. node	-3591 Nov 24 j 21:17	19°♎55'37	
	-3591 Dec 01 j 12:00	0°♏	
morning set	-3591 Dec 08 j 17:28	11°♏34'06	
max. Earth dist.	-3591 Dec 13 j 15:54	19°♏50'11	1.40205 AU
	-3591 Dec 19 j 11:18	0°♐	
superior conj	-3591 Dec 21 j 09:54	3°♐30'20	-1°55'34
minimum elong	-3591 Dec 21 j 09:51	3°♐30'05	1°55'41
evening rise	-3591 Dec 31 j 03:53	21°♐45'35	
	-3590 Jan 04 j 13:08	0°♑	
asc. node	-3590 Jan 09 j 15:34	8°♑53'55	
evening max el	-3590 Jan 16 j 10:00	17°♑50'44	18°24'38
retrograde	-3590 Jan 23 j 19:49	21°♑29'49	
evening set	-3590 Jan 26 j 08:33	21°♑05'30	
inferior conj	-3590 Feb 02 j 15:25	16°♑29'43	3°50'30
minimum elong	-3590 Feb 02 j 17:48	16°♑24'49	3°50'07
min. Earth dist.	-3590 Feb 06 j 00:49	13°♑43'45	0.59114 AU
morning rise	-3590 Feb 10 j 00:53	11°♑02'03	
direct	-3590 Feb 16 j 08:19	9°♑17'44	
desc. node	-3590 Feb 20 j 20:37	10°♑08'52	
morning max el	-3590 Mar 02 j 14:39	16°♑53'46	26°51'07
	-3590 Mar 13 j 10:10	0°♒	
	-3590 Mar 30 j 16:45	0°♓	
morning set	-3590 Apr 01 j 15:29	4°♓00'33	
asc. node	-3590 Apr 07 j 15:02	16°♓51'09	
superior conj	-3590 Apr 08 j 16:52	19°♓12'28	0°11'16
minimum elong	-3590 Apr 08 j 16:22	19°♓09'44	0°11'07
behind sun begin	-3590 Apr 08 j 12:48	18°♓50'12	
behind sun end	-3590 Apr 08 j 19:56	19°♓29'16	
max. Earth dist.	-3590 Apr 08 j 14:28	18°♓59'19	1.32553 AU
	-3590 Apr 13 j 16:02	0°♈	
evening rise	-3590 Apr 15 j 16:28	4°♈16'20	
	-3590 Apr 29 j 12:14	0°♉	
evening max el	-3590 May 14 j 19:05	19°♉50'35	26°21'07
desc. node	-3590 May 19 j 19:26	23°♉56'52	
retrograde	-3590 May 28 j 21:05	27°♉08'53	
evening set	-3590 Jun 04 j 04:20	25°♉29'02	
min. Earth dist.	-3590 Jun 08 j 08:09	22°♉47'49	0.59530 AU
inferior conj	-3590 Jun 11 j 17:12	20°♉09'19	-4°20'44
minimum elong	-3590 Jun 11 j 16:27	20°♉10'48	4°20'37
morning rise	-3590 Jun 19 j 06:56	15°♉35'59	
direct	-3590 Jun 21 j 19:10	15°♉13'33	
morning max el	-3590 Jun 29 j 10:11	18°♉53'04	18°22'04
asc. node	-3590 Jul 04 j 14:33	25°♉13'57	
	-3590 Jul 07 j 14:53	0°♊	
morning set	-3590 Jul 15 j 12:09	14°♊24'52	
	-3590 Jul 23 j 18:01	0°♋	
superior conj	-3590 Jul 24 j 19:22	1°♋56'45	1°47'17
minimum elong	-3590 Jul 24 j 20:52	2°♋03'40	1°47'23
max. Earth dist.	-3590 Aug 01 j 05:46	15°♋10'02	1.40427 AU
evening rise	-3590 Aug 05 j 21:16	23°♋00'18	
	-3590 Aug 10 j 04:39	0°♌	
desc. node	-3590 Aug 15 j 18:34	8°♌42'27	
	-3590 Aug 30 j 15:40	0°♍	
evening max el	-3590 Sep 09 j 10:16	11°♍35'31	23°19'49
retrograde	-3590 Sep 19 j 18:50	17°♍43'18	
evening set	-3590 Sep 24 j 17:59	15°♍39'16	
min. Earth dist.	-3590 Sep 29 j 17:58	9°♍46'14	0.67433 AU
inferior conj	-3590 Sep 30 j 01:30	9°♍20'23	-0°10'24
minimum elong	-3590 Sep 30 j 01:44	9°♍19'33	0°10'15
transit middle	-3590 Sep 30 j 01:44	9°♍19'33	0°10'15
transit begin	-3590 Sep 29 j 23:38	9°♍26'47	
transit end	-3590 Sep 30 j 03:51	9°♍12'19	
asc. node	-3590 Sep 30 j 13:37	8°♍38'51	
morning rise	-3590 Oct 05 j 09:24	3°♍09'09	
direct	-3590 Oct 09 j 13:51	1°♍31'34	
morning max el	-3590 Oct 18 j 07:10	6°♍40'45	21°24'52
	-3590 Nov 04 j 22:32	0°♎	
desc. node	-3590 Nov 11 j 18:16	10°♎14'38	
morning set	-3590 Nov 18 j 07:13	20°♎23'32	
	-3590 Nov 24 j 07:06	0°♏	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3590 Nov 25 j 17:40	2°♏21'28	1.42149 AU
superior conj	-3590 Dec 03 j 01:51	14°♏42'33	-1°48'53
minimum elong	-3590 Dec 02 j 22:08	14°♏26'33	1°48'46
	-3590 Dec 11 j 17:22	0°♐	
evening rise	-3590 Dec 14 j 05:13	4°♐31'18	
asc. node	-3590 Dec 27 j 12:38	26°♐57'45	
	-3590 Dec 30 j 00:09	0°♑	
evening max el	-3590 Dec 30 j 19:49	0°♑51'11	18°08'53
retrograde	-3589 Jan 06 j 14:21	4°♑19'19	
evening set	-3589 Jan 09 j 06:20	3°♑47'27	
	-3589 Jan 14 j 17:36	30°℞♐	
inferior conj	-3589 Jan 15 j 23:36	28°♐50'09	4°01'54
minimum elong	-3589 Jan 15 j 23:18	28°♐50'52	4°01'45
min. Earth dist.	-3589 Jan 19 j 02:17	25°♐54'32	0.61136 AU
morning rise	-3589 Jan 22 j 14:55	23°♐05'54	
direct	-3589 Jan 29 j 13:10	20°♐45'44	
desc. node	-3589 Feb 07 j 17:41	24°♐17'30	
morning max el	-3589 Feb 12 j 15:23	28°♐28'35	27°34'23
	-3589 Feb 14 j 03:25	0°♑	
	-3589 Mar 07 j 03:28	0°♒	
morning set	-3589 Mar 16 j 22:23	18°♒44'16	
	-3589 Mar 22 j 06:05	0°♓	
max. Earth dist.	-3589 Mar 23 j 02:53	1°♓52'46	1.32639 AU
superior conj	-3589 Mar 24 j 04:07	4°♓10'11	-0°13'54
minimum elong	-3589 Mar 24 j 04:45	4°♓13'37	0°13'50
behind sun begin	-3589 Mar 24 j 02:17	4°♓00'10	
behind sun end	-3589 Mar 24 j 07:13	4°♓27'04	
asc. node	-3589 Mar 25 j 12:03	7°♓04'29	
evening rise	-3589 Mar 31 j 03:21	19°♓13'51	
	-3589 Apr 05 j 11:01	0°♈	
	-3589 Apr 25 j 13:30	0°♉	
evening max el	-3589 Apr 26 j 13:55	1°♉00'07	25°05'27
desc. node	-3589 May 06 j 16:32	7°♉32'22	
retrograde	-3589 May 10 j 14:59	8°♉08'27	
evening set	-3589 May 15 j 18:29	7°♉07'19	
min. Earth dist.	-3589 May 21 j 02:12	4°♉15'13	0.57576 AU
inferior conj	-3589 May 24 j 03:37	2°♉10'50	-3°56'15
minimum elong	-3589 May 23 j 23:14	2°♉18'20	3°55'31
	-3589 May 27 j 12:50	30°℞♈	
morning rise	-3589 Jun 01 j 06:56	27°♈57'39	
direct	-3589 Jun 03 j 18:47	27°♈39'13	
	-3589 Jun 10 j 10:10	0°♉	
morning max el	-3589 Jun 12 j 13:15	1°♉45'15	19°04'28
asc. node	-3589 Jun 21 j 11:36	13°♉47'34	
morning set	-3589 Jun 29 j 08:23	28°♉29'49	
	-3589 Jun 30 j 02:39	0°♊	
superior conj	-3589 Jul 07 j 18:37	15°♊03'56	1°48'19
minimum elong	-3589 Jul 07 j 17:53	15°♊00'25	1°48'26
max. Earth dist.	-3589 Jul 14 j 07:37	27°♊18'02	1.38472 AU
	-3589 Jul 15 j 19:40	0°♋	
evening rise	-3589 Jul 18 j 05:00	4°♋12'27	
desc. node	-3589 Aug 02 j 15:36	29°♋03'08	
	-3589 Aug 03 j 06:59	0°♌	
evening max el	-3589 Aug 22 j 21:44	25°♌05'09	24°39'35
	-3589 Aug 28 j 22:15	0°♍	
retrograde	-3589 Sep 03 j 08:09	1°♍45'57	
	-3589 Sep 08 j 04:03	30°℞♌	
evening set	-3589 Sep 08 j 22:17	29°♌23'08	
min. Earth dist.	-3589 Sep 13 j 13:02	24°♌04'51	0.67182 AU
inferior conj	-3589 Sep 14 j 07:04	23°♌04'40	-1°04'04
minimum elong	-3589 Sep 14 j 08:34	22°♌59'37	1°03'21
asc. node	-3589 Sep 17 j 10:44	19°♌08'11	
morning rise	-3589 Sep 19 j 18:51	16°♌59'57	
direct	-3589 Sep 23 j 11:15	15°♌41'44	
morning max el	-3589 Oct 01 j 05:37	20°♌12'28	20°12'15
	-3589 Oct 09 j 03:02	0°♍	
morning set	-3589 Oct 28 j 05:29	28°♍34'46	
	-3589 Oct 29 j 03:28	0°♎	
desc. node	-3589 Oct 29 j 15:14	0°♎45'42	
max. Earth dist.	-3589 Nov 08 j 03:18	15°♎44'37	1.43693 AU
superior conj	-3589 Nov 13 j 15:05	24°♎38'22	-1°26'16
minimum elong	-3589 Nov 13 j 08:13	24°♎10'11	1°25'40
	-3589 Nov 16 j 20:59	0°♏	
evening rise	-3589 Nov 26 j 13:35	16°♏28'23	
	-3589 Dec 04 j 10:46	0°♐	
asc. node	-3589 Dec 14 j 09:43	14°♐08'58	
evening max el	-3589 Dec 14 j 08:14	14°♐05'14	18°12'24
retrograde	-3589 Dec 20 j 21:09	17°♐35'04	
evening set	-3589 Dec 23 j 16:40	16°♐54'36	
inferior conj	-3589 Dec 29 j 23:10	11°♐36'34	3°50'41
minimum elong	-3589 Dec 29 j 20:59	11°♐42'23	3°50'18
min. Earth dist.	-3588 Jan 01 j 12:36	8°♐53'02	0.63018 AU
morning rise	-3588 Jan 05 j 00:35	5°♐40'42	
direct	-3588 Jan 12 j 02:08	2°♐57'24	
desc. node	-3588 Jan 25 j 14:44	10°♐25'28	
morning max el	-3588 Jan 25 j 21:29	10°♐42'01	27°41'31
	-3588 Feb 10 j 03:08	0°♑	
	-3588 Feb 27 j 09:59	0°♒	
morning set	-3588 Feb 28 j 23:27	3°♒06'29	
max. Earth dist.	-3588 Mar 05 j 10:41	14°♒26'44	1.33091 AU
superior conj	-3588 Mar 07 j 13:08	18°♒56'56	-0°39'06
minimum elong	-3588 Mar 07 j 14:53	19°♒06'20	0°38'50
asc. node	-3588 Mar 11 j 09:04	27°♒13'26	
	-3588 Mar 12 j 16:04	0°♓	
evening rise	-3588 Mar 14 j 15:00	4°♓09'22	
	-3588 Mar 28 j 17:16	0°♈	
evening max el	-3588 Apr 07 j 05:43	11°♈44'30	23°33'49
retrograde	-3588 Apr 20 j 20:14	18°♈30'19	
desc. node	-3588 Apr 22 j 13:37	18°♈23'40	
evening set	-3588 Apr 24 j 15:26	17°♈58'37	
min. Earth dist.	-3588 May 01 j 16:48	14°♈43'30	0.56029 AU
inferior conj	-3588 May 03 j 18:01	13°♈29'51	-2°52'20
minimum elong	-3588 May 03 j 11:57	13°♈38'59	2°50'41
morning rise	-3588 May 12 j 11:14	9°♈30'52	
direct	-3588 May 14 j 23:42	9°♈14'57	
morning max el	-3588 May 25 j 06:51	14°♈01'53	20°07'24
	-3588 Jun 05 j 18:20	0°♉	
asc. node	-3588 Jun 07 j 08:38	2°♉55'21	
morning set	-3588 Jun 12 j 11:54	12°♉59'26	
superior conj	-3588 Jun 20 j 07:32	28°♉54'25	1°41'04
minimum elong	-3588 Jun 20 j 05:27	28°♉43'55	1°41'01
	-3588 Jun 20 j 20:38	0°♊	
max. Earth dist.	-3588 Jun 25 j 12:17	9°♊06'34	1.36638 AU
evening rise	-3588 Jun 29 j 12:02	16°♊34'23	
	-3588 Jul 07 j 04:29	0°♋	
desc. node	-3588 Jul 19 j 12:37	19°♋05'30	
	-3588 Jul 27 j 16:09	0°♌	
evening max el	-3588 Aug 04 j 08:36	8°♌37'22	25°51'26
retrograde	-3588 Aug 16 j 16:57	15°♌42'06	
evening set	-3588 Aug 22 j 21:54	13°♌03'37	
min. Earth dist.	-3588 Aug 27 j 04:11	8°♌22'42	0.66604 AU
inferior conj	-3588 Aug 28 j 09:43	6°♌48'51	-1°56'25
minimum elong	-3588 Aug 28 j 12:24	6°♌40'18	1°55'17
morning rise	-3588 Sep 03 j 03:02	0°♌53'54	
asc. node	-3588 Sep 03 j 07:49	0°♌46'37	
	-3588 Sep 05 j 05:25	30°℞♋	
direct	-3588 Sep 06 j 09:32	29°♋52'08	
	-3588 Sep 07 j 14:05	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3588 Sep 13 j 11:15	3°♌53'06	19°13'23	
	-3588 Oct 01 j 20:16	0°♍		
morning set	-3588 Oct 06 j 11:53	7°♍16'47		
desc. node	-3588 Oct 15 j 12:13	21°♍24'59		
	-3588 Oct 20 j 23:01	0°♎		
max. Earth dist.	-3588 Oct 20 j 19:07	29°♍44'38	1.44626 AU	
superior conj	-3588 Oct 23 j 02:32	3°♎23'53	-0°47'07	
minimum elong	-3588 Oct 22 j 20:49	3°♎01'15	0°46'25	
evening rise	-3588 Nov 07 j 00:27	27°♎28'41		
	-3588 Nov 08 j 13:14	0°♏		
evening max el	-3588 Nov 26 j 20:31	27°♏27'27	18°34'21	
	-3588 Nov 29 j 21:33	0°♐		
asc. node	-3588 Nov 30 j 06:46	0°♐13'40		
retrograde	-3588 Dec 03 j 12:04	1°♐09'31		
evening set	-3588 Dec 06 j 12:15	0°♐19'03		
	-3588 Dec 07 j 00:59	30°℞♏		
inferior conj	-3588 Dec 12 j 10:26	24°♏42'42	3°23'59	
minimum elong	-3588 Dec 12 j 07:25	24°♏51'37	3°23'14	
min. Earth dist.	-3588 Dec 14 j 08:59	22°♏25'40	0.64599 AU	
morning rise	-3588 Dec 18 j 02:10	18°♏38'08		
direct	-3588 Dec 24 j 22:03	15°♏46'50		
morning max el	-3587 Jan 07 j 06:46	23°♏27'19	27°14'01	
desc. node	-3587 Jan 11 j 11:47	27°♏59'53		
	-3587 Jan 13 j 04:15	0°♐		
	-3587 Feb 02 j 10:00	0°♑		
morning set	-3587 Feb 11 j 15:48	16°♑57'58		
max. Earth dist.	-3587 Feb 16 j 10:01	26°♑29'52	1.33952 AU	
	-3587 Feb 18 j 02:38	0°♒		
superior conj	-3587 Feb 19 j 18:02	3°♒26'34	-1°03'17	
minimum elong	-3587 Feb 19 j 20:43	3°♒40'43	1°02'57	
asc. node	-3587 Feb 26 j 06:05	17°♒13'47		
evening rise	-3587 Feb 27 j 01:43	18°♒56'39		
	-3587 Mar 04 j 13:55	0°♓		
evening max el	-3587 Mar 20 j 00:29	22°♓30'07	22°00'20	
retrograde	-3587 Apr 01 j 14:05	28°♓36'09		
evening set	-3587 Apr 04 j 08:08	28°♓19'18		
desc. node	-3587 Apr 09 j 10:43	26°♓30'35		
inferior conj	-3587 Apr 13 j 17:02	24°♓13'16	-1°10'35	
minimum elong	-3587 Apr 13 j 13:48	24°♓17'49	1°09'30	
min. Earth dist.	-3587 Apr 13 j 06:32	24°♓28'04	0.55211 AU	
morning rise	-3587 Apr 22 j 20:40	20°♓14'51		
direct	-3587 Apr 25 j 14:06	19°♓58'13		
morning max el	-3587 May 07 j 13:37	25°♓37'01	21°29'15	
	-3587 May 11 j 14:56	0°♈		
asc. node	-3587 May 25 j 05:39	22°♈28'12		
morning set	-3587 May 27 j 20:12	27°♈46'11		
	-3587 May 28 j 22:01	0°♉		
superior conj	-3587 Jun 04 j 06:01	13°♉15'41	1°27'40	
minimum elong	-3587 Jun 04 j 03:23	13°♉01'59	1°27'27	
max. Earth dist.	-3587 Jun 08 j 00:45	20°♉59'59	1.35095 AU	
evening rise	-3587 Jun 12 j 13:07	29°♉51'34		
	-3587 Jun 12 j 14:53	0°♊		
	-3587 Jun 30 j 06:54	0°♋		
desc. node	-3587 Jul 06 j 09:39	8°♋41'04		
evening max el	-3587 Jul 17 j 19:47	22°♋06'01	26°47'20	
retrograde	-3587 Jul 30 j 20:47	29°♋24'45		
evening set	-3587 Aug 06 j 14:33	26°♋37'21		
min. Earth dist.	-3587 Aug 10 j 13:05	22°♋34'47	0.65667 AU	
inferior conj	-3587 Aug 12 j 07:26	20°♋29'16	-2°45'31	
minimum elong	-3587 Aug 12 j 11:01	20°♋18'40	2°44'14	
morning rise	-3587 Aug 18 j 07:51	14°♋47'13		
direct	-3587 Aug 21 j 06:42	13°♋58'39		
asc. node	-3587 Aug 21 j 04:55	13°♋58'41		
morning max el	-3587 Aug 27 j 22:25	17°♋38'53	18°30'13	
	-3587 Sep 06 j 02:09	0°♌		
morning set	-3587 Sep 16 j 18:44	17°♌11'32		
	-3587 Sep 24 j 17:32	0°♍		
superior conj	-3587 Oct 02 j 01:59	11°♍40'05	0°01'55	
minimum elong	-3587 Oct 02 j 02:14	11°♍41'03	0°01'56	
behind sun begin	-3587 Oct 01 j 14:58	10°♍56'36		
behind sun end	-3587 Oct 02 j 13:29	12°♍25'29		
desc. node	-3587 Oct 02 j 09:11	12°♍08'31		
max. Earth dist.	-3587 Oct 03 j 13:09	13°♍58'45	1.44840 AU	
	-3587 Oct 13 j 17:33	0°♎		
evening rise	-3587 Oct 18 j 10:31	7°♎25'09		
greatest brilliancy	-3587 Oct 27 j 20:50	22°♎15'40	-0.8m	
	-3587 Nov 01 j 22:29	0°♏		
evening max el	-3587 Nov 10 j 06:11	10°♏53'06	19°13'42	
retrograde	-3587 Nov 17 j 07:33	14°♏56'26		
asc. node	-3587 Nov 17 j 03:50	14°♏56'18		
evening set	-3587 Nov 20 j 14:11	13°♏54'01		
inferior conj	-3587 Nov 26 j 06:08	8°♏02'26	2°46'44	
minimum elong	-3587 Nov 26 j 03:04	8°♏12'10	2°45'44	
min. Earth dist.	-3587 Nov 27 j 14:38	6°♏19'18	0.65816 AU	
morning rise	-3587 Dec 01 j 15:41	1°♏51'46		
	-3587 Dec 04 j 07:51	30°℞♎		
direct	-3587 Dec 08 j 00:18	29°♎05'33		
	-3587 Dec 11 j 23:58	0°♏		
morning max el	-3587 Dec 20 j 16:30	6°♏31'42	26°18'08	
desc. node	-3587 Dec 29 j 08:49	16°♏35'19		
	-3586 Jan 07 j 22:20	0°♐		
morning set	-3586 Jan 25 j 19:33	0°♑07'16		
	-3586 Jan 25 j 18:00	0°♑		
max. Earth dist.	-3586 Jan 29 j 21:54	7°♑58'07	1.35254 AU	
superior conj	-3586 Feb 03 j 16:32	17°♑32'23	-1°25'06	
minimum elong	-3586 Feb 03 j 19:43	17°♑48'44	1°24'49	
	-3586 Feb 09 j 17:00	0°♒		
evening rise	-3586 Feb 11 j 09:39	3°♒29'59		
asc. node	-3586 Feb 13 j 03:04	7°♒01'05		
	-3586 Feb 26 j 18:28	0°♓		
evening max el	-3586 Mar 02 j 03:57	3°♓42'15	20°36'53	
retrograde	-3586 Mar 13 j 04:00	8°♓56'41		
evening set	-3586 Mar 15 j 11:21	8°♓43'48		
inferior conj	-3586 Mar 24 j 12:44	4°♓45'55	0°46'20	
minimum elong	-3586 Mar 24 j 14:48	4°♓42'54	0°45'34	
min. Earth dist.	-3586 Mar 25 j 20:46	3°♓59'25	0.55318 AU	
desc. node	-3586 Mar 27 j 07:50	3°♓09'50		
morning rise	-3586 Apr 02 j 16:59	0°♓29'16		
direct	-3586 Apr 06 j 02:27	0°♓04'10		
morning max el	-3586 Apr 19 j 10:40	6°♓34'38	23°04'42	
	-3586 May 05 j 21:40	0°♈		
morning set	-3586 May 12 j 07:22	12°♈43'59		
asc. node	-3586 May 12 j 02:40	12°♈19'26		
superior conj	-3586 May 19 j 11:03	27°♈58'22	1°09'48	
minimum elong	-3586 May 19 j 08:30	27°♈44'48	1°09'28	
	-3586 May 20 j 09:56	0°♉		
max. Earth dist.	-3586 May 21 j 23:02	3°♉15'29	1.33921 AU	
evening rise	-3586 May 27 j 03:25	13°♉50'17		
	-3586 Jun 04 j 19:29	0°♊		
desc. node	-3586 Jun 23 j 06:41	27°♊38'32		
	-3586 Jun 25 j 05:57	0°♋		
evening max el	-3586 Jun 30 j 06:53	5°♋22'25	27°19'45	
retrograde	-3586 Jul 13 j 19:19	12°♋46'15		
evening set	-3586 Jul 20 j 21:26	10°♋00'43		
min. Earth dist.	-3586 Jul 24 j 13:47	6°♋34'11	0.64351 AU	
inferior conj	-3586 Jul 26 j 21:56	4°♋02'11	-3°28'46	
minimum elong	-3586 Jul 27 j 01:49	3°♋51'39	3°27'40	
	-3586 Jul 31 j 01:35	30°℞♊		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3586 Aug 02 j 06:55	28°♊36'01	
direct	-3586 Aug 05 j 00:25	27°♊57'31	
asc. node	-3586 Aug 08 j 02:00	28°♊45'55	
	-3586 Aug 09 j 22:51	0°♋	
morning max el	-3586 Aug 11 j 12:46	1°♋25'33	18°04'02
morning set	-3586 Aug 29 j 04:52	28°♋24'48	
	-3586 Aug 30 j 03:18	0°♌	
superior conj	-3586 Sep 11 j 12:14	20°♌31'48	0°48'12
minimum elong	-3586 Sep 11 j 17:19	20°♌52'18	0°47'39
max. Earth dist.	-3586 Sep 16 j 06:12	28°♌08'41	1.44332 AU
	-3586 Sep 17 j 10:15	0°♍	
desc. node	-3586 Sep 19 j 06:06	2°♍53'11	
evening rise	-3586 Sep 27 j 22:44	16°♍26'32	
	-3586 Oct 06 j 19:00	0°♎	
greatest brilliancy	-3586 Oct 11 j 17:24	7°♎24'30	-0.6m
evening max el	-3586 Oct 24 j 11:14	24°♎19'38	20°08'38
retrograde	-3586 Nov 01 j 04:44	28°♎51'43	
asc. node	-3586 Nov 04 j 00:57	28°♎04'53	
evening set	-3586 Nov 04 j 20:01	27°♎34'50	
inferior conj	-3586 Nov 10 j 07:33	21°♎31'23	2°02'12
minimum elong	-3586 Nov 10 j 05:01	21°♎39'51	2°01'13
min. Earth dist.	-3586 Nov 11 j 03:30	20°♎24'45	0.66682 AU
morning rise	-3586 Nov 15 j 13:48	15°♎17'09	
direct	-3586 Nov 21 j 08:09	12°♎45'32	
morning max el	-3586 Dec 03 j 01:14	19°♎43'27	25°02'35
	-3586 Dec 11 j 20:32	0°♏	
desc. node	-3586 Dec 16 j 05:49	5°♏53'22	
	-3585 Jan 01 j 01:39	0°♐	
morning set	-3585 Jan 08 j 05:28	12°♐18'16	
max. Earth dist.	-3585 Jan 11 j 22:36	19°♐03'32	1.36986 AU
	-3585 Jan 17 j 16:20	0°♑	
superior conj	-3585 Jan 18 j 05:35	1°♑04'57	-1°42'43
minimum elong	-3585 Jan 18 j 08:31	1°♑19'23	1°42'37
evening rise	-3585 Jan 26 j 12:40	17°♑42'04	
asc. node	-3585 Jan 31 j 00:06	26°♑29'14	
	-3585 Feb 01 j 21:27	0°♒	
evening max el	-3585 Feb 12 j 18:07	15°♒30'10	19°30'04
retrograde	-3585 Feb 22 j 01:51	19°♒56'01	
evening set	-3585 Feb 24 j 09:27	19°♒40'51	
inferior conj	-3585 Mar 04 j 18:54	15°♒35'06	2°26'08
minimum elong	-3585 Mar 04 j 23:48	15°♒27'08	2°24'42
min. Earth dist.	-3585 Mar 07 j 11:34	13°♒50'47	0.56328 AU
morning rise	-3585 Mar 13 j 11:29	10°♒49'03	
desc. node	-3585 Mar 14 j 04:57	10°♒35'26	
direct	-3585 Mar 18 j 00:31	10°♒02'11	
morning max el	-3585 Apr 01 j 01:59	17°♒09'59	24°43'35
	-3585 Apr 11 j 12:43	0°♓	
morning set	-3585 Apr 26 j 19:34	27°♓45'46	
	-3585 Apr 27 j 20:58	0°♈	
asc. node	-3585 Apr 28 j 23:40	2°♈22'32	
superior conj	-3585 May 03 j 20:10	12°♈53'20	0°48'43
minimum elong	-3585 May 03 j 18:11	12°♈42'34	0°48'22
max. Earth dist.	-3585 May 05 j 05:45	15°♈54'58	1.33120 AU
evening rise	-3585 May 11 j 02:56	28°♈17'11	
	-3585 May 11 j 23:15	0°♉	
	-3585 May 29 j 00:55	0°♊	
desc. node	-3585 Jun 10 j 03:46	15°♊41'11	
evening max el	-3585 Jun 12 j 16:01	18°♊13'51	27°22'41
retrograde	-3585 Jun 26 j 11:40	25°♊36'52	
evening set	-3585 Jul 03 j 14:54	23°♊06'51	
min. Earth dist.	-3585 Jul 07 j 04:53	20°♊08'56	0.62668 AU
inferior conj	-3585 Jul 10 j 02:19	17°♊20'53	-4°02'23
minimum elong	-3585 Jul 10 j 05:31	17°♊13'07	4°01'46
morning rise	-3585 Jul 16 j 21:18	12°♊13'28	
direct	-3585 Jul 19 j 11:37	11°♊42'26	
asc. node	-3585 Jul 25 j 23:05	14°♊55'51	
morning max el	-3585 Jul 26 j 03:37	15°♊06'51	17°55'59
	-3585 Aug 05 j 11:49	0°♋	
morning set	-3585 Aug 11 j 13:53	10°♋43'52	
	-3585 Aug 22 j 14:40	0°♌	
superior conj	-3585 Aug 23 j 00:05	0°♌39'54	1°22'16
minimum elong	-3585 Aug 23 j 05:28	1°♌02'37	1°21'52
max. Earth dist.	-3585 Aug 29 j 20:01	11°♌59'07	1.43174 AU
desc. node	-3585 Sep 06 j 03:05	23°♌36'25	
evening rise	-3585 Sep 07 j 03:10	25°♌10'24	
	-3585 Sep 10 j 06:04	0°♍	
	-3585 Sep 30 j 21:26	0°♎	
evening max el	-3585 Oct 07 j 10:25	7°♎46'08	21°16'29
retrograde	-3585 Oct 16 j 01:33	12°♎53'03	
evening set	-3585 Oct 20 j 03:44	11°♎19'06	
asc. node	-3585 Oct 21 j 22:04	9°♎40'53	
inferior conj	-3585 Oct 25 j 12:29	5°♎07'03	1°12'48
minimum elong	-3585 Oct 25 j 10:52	5°♎12'37	1°12'08
min. Earth dist.	-3585 Oct 25 j 21:13	4°♎37'06	0.67219 AU
	-3585 Oct 29 j 13:34	30°℞♍	
morning rise	-3585 Oct 30 j 17:50	28°♍51'57	
direct	-3585 Nov 04 j 20:58	26°♍40'24	
	-3585 Nov 12 j 04:25	0°♎	
morning max el	-3585 Nov 15 j 10:09	2°♎58'16	23°37'19
desc. node	-3585 Dec 03 j 02:49	25°♎41'47	
	-3585 Dec 06 j 00:48	0°♏	
morning set	-3585 Dec 20 j 15:22	23°♏14'40	
	-3585 Dec 24 j 13:28	0°♐	
max. Earth dist.	-3585 Dec 24 j 18:14	0°♐20'55	1.39014 AU
superior conj	-3584 Jan 01 j 05:16	13°♐53'41	-1°53'37
minimum elong	-3584 Jan 01 j 06:44	14°♐00'37	1°53'42
	-3584 Jan 09 j 14:27	0°♑	
evening rise	-3584 Jan 10 j 08:17	1°♑26'40	
asc. node	-3584 Jan 17 j 21:09	15°♑31'36	
evening max el	-3584 Jan 26 j 17:56	27°♑52'01	18°42'42
	-3584 Jan 29 j 09:18	0°♒	
retrograde	-3584 Feb 03 j 17:05	1°♒43'24	
evening set	-3584 Feb 06 j 04:06	1°♒22'45	
	-3584 Feb 09 j 09:37	30°℞♑	
inferior conj	-3584 Feb 13 j 20:05	26°♑58'52	3°30'14
minimum elong	-3584 Feb 13 j 23:58	26°♑51'32	3°29'26
min. Earth dist.	-3584 Feb 17 j 04:01	24°♑29'43	0.57999 AU
morning rise	-3584 Feb 21 j 17:21	21°♑44'40	
direct	-3584 Feb 27 j 11:28	20°♑23'04	
desc. node	-3584 Feb 29 j 02:03	20°♑29'26	
morning max el	-3584 Mar 12 j 17:47	27°♑51'08	26°11'24
	-3584 Mar 14 j 20:17	0°♒	
	-3584 Apr 03 j 21:44	0°♓	
morning set	-3584 Apr 10 j 07:08	12°♓45'48	
asc. node	-3584 Apr 14 j 20:40	22°♓32'57	
superior conj	-3584 Apr 17 j 07:26	27°♓54'02	0°25'23
minimum elong	-3584 Apr 17 j 06:19	27°♓48'00	0°25'08
max. Earth dist.	-3584 Apr 17 j 17:47	28°♓50'37	1.32668 AU
	-3584 Apr 18 j 06:28	0°♈	
evening rise	-3584 Apr 24 j 08:40	13°♈02'21	
	-3584 May 03 j 02:22	0°♉	
	-3584 May 24 j 08:52	0°♊	
evening max el	-3584 May 24 j 20:30	0°♊28'09	26°52'45
desc. node	-3584 May 27 j 00:53	2°♊25'53	
retrograde	-3584 Jun 07 j 20:30	7°♊47'58	
evening set	-3584 Jun 14 j 14:44	5°♊46'58	
min. Earth dist.	-3584 Jun 18 j 10:02	3°♊04'36	0.60712 AU
inferior conj	-3584 Jun 21 j 17:09	0°♊16'52	-4°20'34

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3584 Jun 21 j 18:16	0°♊14'30	4°20'24
	-3584 Jun 22 j 01:04	30°℞♉	
morning rise	-3584 Jun 28 j 23:35	25°♉30'41	
direct	-3584 Jul 01 j 12:27	25°♉05'19	
morning max el	-3584 Jul 08 j 16:09	28°♉35'44	18°06'55
	-3584 Jul 10 j 00:30	0°♊	
asc. node	-3584 Jul 11 j 20:10	2°♊12'44	
morning set	-3584 Jul 24 j 16:06	23°♊53'07	
	-3584 Jul 27 j 22:59	0°♋	
superior conj	-3584 Aug 03 j 15:01	12°♋08'35	1°41'53
minimum elong	-3584 Aug 03 j 18:04	12°♋22'12	1°41'51
max. Earth dist.	-3584 Aug 11 j 04:38	25°♋14'13	1.41517 AU
	-3584 Aug 14 j 01:26	0°♌	
evening rise	-3584 Aug 16 j 19:29	4°♌28'36	
desc. node	-3584 Aug 23 j 00:05	14°♌14'17	
	-3584 Sep 02 j 13:58	0°♍	
evening max el	-3584 Sep 19 j 03:37	21°♍12'09	22°33'27
retrograde	-3584 Sep 28 j 20:21	26°♍57'32	
evening set	-3584 Oct 03 j 11:30	25°♍04'31	
asc. node	-3584 Oct 07 j 19:12	20°♍09'05	
inferior conj	-3584 Oct 08 j 19:02	18°♍47'12	0°20'26
minimum elong	-3584 Oct 08 j 18:33	18°♍48'51	0°20'15
min. Earth dist.	-3584 Oct 08 j 17:19	18°♍53'08	0.67445 AU
morning rise	-3584 Oct 14 j 01:29	12°♍33'56	
direct	-3584 Oct 18 j 13:49	10°♍44'17	
morning max el	-3584 Oct 27 j 22:21	16°♍17'34	22°11'31
	-3584 Nov 08 j 00:52	0°♎	
desc. node	-3584 Nov 18 j 23:47	15°♎51'29	
	-3584 Nov 28 j 02:57	0°♏	
morning set	-3584 Nov 29 j 20:38	2°♏46'58	
max. Earth dist.	-3584 Dec 05 j 16:49	12°♏23'13	1.41074 AU
superior conj	-3584 Dec 13 j 10:25	25°♏44'51	-1°54'28
minimum elong	-3584 Dec 13 j 08:55	25°♏38'13	1°54'32
	-3584 Dec 15 j 19:21	0°♐	
evening rise	-3584 Dec 23 j 17:21	14°♐36'05	
	-3583 Jan 01 j 06:08	0°♑	
asc. node	-3583 Jan 03 j 18:12	3°♑59'33	
evening max el	-3583 Jan 09 j 00:50	10°♑40'05	18°15'26
retrograde	-3583 Jan 16 j 02:48	14°♑12'56	
evening set	-3583 Jan 18 j 16:58	13°♑45'26	
inferior conj	-3583 Jan 25 j 17:39	9°♑00'06	3°58'37
minimum elong	-3583 Jan 25 j 18:50	8°♑57'30	3°58'25
min. Earth dist.	-3583 Jan 29 j 01:11	6°♑07'23	0.59980 AU
morning rise	-3583 Feb 01 j 18:57	3°♑24'38	
direct	-3583 Feb 08 j 10:02	1°♑24'22	
desc. node	-3583 Feb 14 j 23:08	3°♑12'04	
morning max el	-3583 Feb 22 j 15:00	9°♑03'14	27°13'55
	-3583 Mar 10 j 16:12	0°♒	
morning set	-3583 Mar 25 j 16:19	27°♒37'48	
	-3583 Mar 26 j 19:32	0°♓	
superior conj	-3583 Apr 01 j 19:09	12°♓54'34	0°00'39
minimum elong	-3583 Apr 01 j 19:08	12°♓54'25	0°00'36
behind sun begin	-3583 Apr 01 j 14:07	12°♓27'02	
behind sun end	-3583 Apr 02 j 00:08	13°♓21'48	
max. Earth dist.	-3583 Apr 01 j 07:18	11°♓49'45	1.32548 AU
asc. node	-3583 Apr 01 j 17:41	12°♓46'28	
evening rise	-3583 Apr 08 j 18:15	27°♓57'34	
	-3583 Apr 09 j 17:42	0°♈	
	-3583 Apr 26 j 18:20	0°♉	
evening max el	-3583 May 06 j 18:35	11°♉59'41	25°51'42
desc. node	-3583 May 13 j 21:59	17°♉21'38	
retrograde	-3583 May 20 j 20:31	19°♉14'34	
evening set	-3583 May 26 j 17:27	17°♉51'17	
min. Earth dist.	-3583 May 31 j 06:59	15°♉07'34	0.58671 AU

inferior conj	-3583 Jun 03 j 14:50	12°♉41'00	-4°14'42
minimum elong	-3583 Jun 03 j 12:31	12°♉45'18	4°14'26
morning rise	-3583 Jun 11 j 10:13	8°♉16'52	
direct	-3583 Jun 13 j 22:25	7°♉56'09	
morning max el	-3583 Jun 21 j 23:35	11°♉44'43	18°37'40
asc. node	-3583 Jun 28 j 17:12	20°♉22'18	
	-3583 Jul 04 j 06:09	0°♊	
morning set	-3583 Jul 08 j 06:51	7°♊40'55	
superior conj	-3583 Jul 17 j 04:12	24°♊45'19	1°48'55
minimum elong	-3583 Jul 17 j 04:40	24°♊47'29	1°49'02
	-3583 Jul 20 j 00:10	0°♋	
max. Earth dist.	-3583 Jul 24 j 08:00	7°♋45'29	1.39591 AU
evening rise	-3583 Jul 28 j 12:08	14°♋56'45	
	-3583 Aug 06 j 19:13	0°♌	
desc. node	-3583 Aug 09 j 21:07	4°♌42'59	
	-3583 Aug 28 j 09:39	0°♍	
evening max el	-3583 Sep 01 j 16:19	4°♍39'36	23°54'06
retrograde	-3583 Sep 12 j 12:03	11°♍02'24	
evening set	-3583 Sep 17 j 17:36	8°♍49'52	
min. Earth dist.	-3583 Sep 22 j 13:25	3°♍11'31	0.67367 AU
inferior conj	-3583 Sep 23 j 01:26	2°♍30'39	-0°33'14
minimum elong	-3583 Sep 23 j 02:13	2°♍27'59	0°32'49
asc. node	-3583 Sep 24 j 16:18	0°♍20'56	
	-3583 Sep 24 j 22:51	30°℞♌	
morning rise	-3583 Sep 28 j 10:49	26°♌22'03	
direct	-3583 Oct 02 j 09:50	24°♌53'14	
morning max el	-3583 Oct 10 j 16:46	29°♌45'02	20°52'32
	-3583 Oct 10 j 22:36	0°♍	
	-3583 Nov 01 j 18:16	0°♎	
desc. node	-3583 Nov 05 j 20:46	6°♎16'22	
morning set	-3583 Nov 09 j 01:24	11°♎13'13	
max. Earth dist.	-3583 Nov 17 j 22:16	25°♎19'05	1.42873 AU
	-3583 Nov 20 j 18:58	0°♏	
superior conj	-3583 Nov 24 j 15:24	6°♏25'07	-1°41'22
minimum elong	-3583 Nov 24 j 10:04	6°♏02'41	1°41'04
evening rise	-3583 Dec 06 j 12:03	27°♏02'35	
	-3583 Dec 08 j 03:56	0°♐	
asc. node	-3583 Dec 21 j 15:16	21°♐42'37	
evening max el	-3583 Dec 23 j 12:00	23°♐46'44	18°07'58
retrograde	-3583 Dec 30 j 03:14	27°♐14'34	
evening set	-3582 Jan 01 j 20:30	26°♐39'18	
inferior conj	-3582 Jan 08 j 08:51	21°♐32'50	3°59'25
minimum elong	-3582 Jan 08 j 07:38	21°♐35'54	3°59'13
min. Earth dist.	-3582 Jan 11 j 06:19	18°♐39'58	0.61964 AU
morning rise	-3582 Jan 14 j 17:40	15°♐42'49	
direct	-3582 Jan 21 j 18:24	13°♐11'06	
desc. node	-3582 Feb 01 j 20:11	18°♐15'55	
morning max el	-3582 Feb 04 j 18:30	20°♐55'55	27°41'57
	-3582 Feb 12 j 16:17	0°♑	
	-3582 Mar 03 j 14:42	0°♒	
morning set	-3582 Mar 09 j 21:03	12°♒13'40	
max. Earth dist.	-3582 Mar 15 j 18:17	24°♒36'50	1.32779 AU
superior conj	-3582 Mar 17 j 05:39	27°♒48'18	-0°24'39
minimum elong	-3582 Mar 17 j 06:46	27°♒54'21	0°24'30
	-3582 Mar 18 j 05:52	0°♓	
asc. node	-3582 Mar 19 j 14:40	2°♓58'24	
evening rise	-3582 Mar 24 j 05:38	12°♓54'51	
	-3582 Apr 01 j 22:43	0°♈	
evening max el	-3582 Apr 18 j 11:16	22°♈55'01	24°27'36
desc. node	-3582 Apr 30 j 19:04	29°♈50'47	
retrograde	-3582 May 02 j 09:37	29°♈56'44	
evening set	-3582 May 06 j 23:15	29°♈09'39	
min. Earth dist.	-3582 May 12 j 23:09	26°♈09'04	0.56841 AU
inferior conj	-3582 May 15 j 16:35	24°♈24'23	-3°34'17

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3582 May 15 j 11:02	24°♈33'18	3°33'06
morning rise	-3582 May 24 j 01:58	20°♈18'45	
direct	-3582 May 26 j 13:40	20°♈01'47	
morning max el	-3582 Jun 04 j 22:59	24°♈23'23	19°28'50
	-3582 Jun 09 j 19:24	0°♉	
asc. node	-3582 Jun 15 j 14:14	9°♉11'33	
morning set	-3582 Jun 22 j 06:29	21°♉57'03	
	-3582 Jun 26 j 06:42	0°♊	
superior conj	-3582 Jun 30 j 09:51	8°♊12'48	1°46'08
minimum elong	-3582 Jun 30 j 08:26	8°♊05'52	1°46'11
max. Earth dist.	-3582 Jul 06 j 09:51	19°♊40'19	1.37658 AU
evening rise	-3582 Jul 10 j 06:19	26°♊39'56	
	-3582 Jul 12 j 03:49	0°♋	
desc. node	-3582 Jul 27 j 18:08	24°♋56'41	
	-3582 Jul 31 j 06:53	0°♌	
evening max el	-3582 Aug 15 j 03:04	18°♌09'47	25°11'33
retrograde	-3582 Aug 26 j 23:41	25°♌02'55	
evening set	-3582 Sep 01 j 20:10	22°♌32'43	
min. Earth dist.	-3582 Sep 06 j 07:10	17°♌30'00	0.66973 AU
inferior conj	-3582 Sep 07 j 05:59	16°♌15'08	-1°26'33
minimum elong	-3582 Sep 07 j 08:01	16°♌08'29	1°25'38
asc. node	-3582 Sep 11 j 13:23	11°♌14'30	
morning rise	-3582 Sep 12 j 19:56	10°♌14'10	
direct	-3582 Sep 16 j 07:43	9°♌03'31	
morning max el	-3582 Sep 23 j 18:25	13°♌20'57	19°45'23
	-3582 Oct 06 j 06:33	0°♍	
morning set	-3582 Oct 19 j 00:13	19°♍29'37	
desc. node	-3582 Oct 23 j 17:46	26°♍51'36	
	-3582 Oct 25 j 17:54	0°♎	
max. Earth dist.	-3582 Oct 31 j 10:19	8°♎58'21	1.44166 AU
superior conj	-3582 Nov 04 j 16:57	15°♎48'57	-1°11'30
minimum elong	-3582 Nov 04 j 09:50	15°♎20'19	1°10'46
	-3582 Nov 13 j 08:44	0°♏	
evening rise	-3582 Nov 18 j 11:51	8°♏37'00	
	-3582 Dec 01 j 11:48	0°♐	
evening max el	-3582 Dec 07 j 00:42	7°♐05'35	18°19'34
asc. node	-3582 Dec 08 j 12:20	8°♐28'03	
retrograde	-3582 Dec 13 j 13:57	10°♐39'35	
evening set	-3582 Dec 16 j 11:10	9°♐55'14	
inferior conj	-3582 Dec 22 j 13:53	4°♐29'21	3°40'56
minimum elong	-3582 Dec 22 j 11:14	4°♐36'45	3°40'23
min. Earth dist.	-3582 Dec 24 j 21:08	1°♐55'23	0.63730 AU
	-3582 Dec 26 j 17:51	30°℞♏	
morning rise	-3582 Dec 28 j 10:41	28°♏29'19	
direct	-3581 Jan 04 j 10:46	25°♏40'26	
	-3581 Jan 14 j 06:47	0°♐	
morning max el	-3581 Jan 18 j 02:19	3°♐25'10	27°33'43
desc. node	-3581 Jan 19 j 17:14	5°♐04'55	
	-3581 Feb 07 j 02:01	0°♑	
morning set	-3581 Feb 21 j 18:50	26°♑24'58	
	-3581 Feb 23 j 13:41	0°♒	
max. Earth dist.	-3581 Feb 26 j 22:45	6°♒58'38	1.33400 AU
superior conj	-3581 Mar 01 j 13:12	12°♒29'25	-0°49'33
minimum elong	-3581 Mar 01 j 15:22	12°♒41'03	0°49'14
asc. node	-3581 Mar 06 j 11:40	23°♒04'44	
evening rise	-3581 Mar 08 j 17:07	27°♒48'06	
	-3581 Mar 09 j 18:24	0°♓	
	-3581 Mar 27 j 17:59	0°♈	
evening max el	-3581 Mar 31 j 03:36	3°♈37'14	22°53'33
retrograde	-3581 Apr 13 j 09:48	10°♈08'20	
evening set	-3581 Apr 16 j 16:27	9°♈44'51	
desc. node	-3581 Apr 17 j 16:08	9°♈29'02	
min. Earth dist.	-3581 Apr 24 j 13:34	6°♈16'03	0.55575 AU
inferior conj	-3581 Apr 25 j 23:28	5°♈27'01	-2°13'00
minimum elong	-3581 Apr 25 j 18:02	5°♈34'54	2°11'20
morning rise	-3581 May 04 j 21:50	1°♈29'59	
direct	-3581 May 07 j 11:17	1°♈14'26	
morning max el	-3581 May 18 j 12:06	6°♈23'12	20°40'01
asc. node	-3581 Jun 02 j 11:15	28°♈30'57	
	-3581 Jun 03 j 05:35	0°♉	
morning set	-3581 Jun 06 j 12:17	6°♉34'33	
superior conj	-3581 Jun 14 j 03:16	22°♉17'36	1°36'01
minimum elong	-3581 Jun 14 j 00:51	22°♉05'17	1°35'54
	-3581 Jun 17 j 23:24	0°♊	
max. Earth dist.	-3581 Jun 18 j 17:01	1°♊26'26	1.35942 AU
evening rise	-3581 Jun 22 j 21:43	9°♊27'28	
	-3581 Jul 04 j 18:23	0°♋	
desc. node	-3581 Jul 14 j 15:09	14°♋48'38	
	-3581 Jul 26 j 21:52	0°♌	
evening max el	-3581 Jul 28 j 14:07	1°♌41'34	26°17'43
retrograde	-3581 Aug 10 j 06:32	8°♌53'43	
evening set	-3581 Aug 16 j 17:07	6°♌10'40	
min. Earth dist.	-3581 Aug 20 j 20:03	1°♌45'45	0.66246 AU
inferior conj	-3581 Aug 22 j 06:48	29°♋58'11	-2°17'48
minimum elong	-3581 Aug 22 j 09:55	29°♋48'33	2°16'34
	-3581 Aug 22 j 06:13	30°℞♋	
morning rise	-3581 Aug 28 j 02:55	24°♋08'05	
asc. node	-3581 Aug 29 j 10:29	23°♋30'59	
direct	-3581 Aug 31 j 05:52	23°♋12'18	
morning max el	-3581 Sep 07 j 02:33	27°♋03'40	18°52'56
	-3581 Sep 09 j 16:41	0°♌	
morning set	-3581 Sep 28 j 15:47	28°♌39'15	
	-3581 Sep 29 j 12:09	0°♍	
desc. node	-3581 Oct 10 j 14:43	17°♍32'56	
max. Earth dist.	-3581 Oct 14 j 03:05	23°♍05'12	1.44803 AU
superior conj	-3581 Oct 14 j 20:45	24°♍14'51	-0°26'51
minimum elong	-3581 Oct 14 j 17:15	24°♍01'04	0°26'22
	-3581 Oct 18 j 12:11	0°♎	
evening rise	-3581 Oct 30 j 12:15	19°♎09'52	
	-3581 Nov 06 j 05:20	0°♏	
evening max el	-3581 Nov 20 j 12:14	20°♏30'12	18°49'09
asc. node	-3581 Nov 25 j 09:25	23°♏59'58	
retrograde	-3581 Nov 27 j 07:03	24°♏19'59	
evening set	-3581 Nov 30 j 09:47	23°♏24'43	
inferior conj	-3581 Dec 06 j 05:06	17°♏41'47	3°09'16
minimum elong	-3581 Dec 06 j 01:58	17°♏51'20	3°08'22
min. Earth dist.	-3581 Dec 07 j 21:34	15°♏38'30	0.65163 AU
morning rise	-3581 Dec 11 j 17:49	11°♏34'34	
direct	-3581 Dec 18 j 09:37	8°♏43'45	
morning max el	-3581 Dec 31 j 11:47	16°♏19'22	26°53'12
desc. node	-3580 Jan 06 j 14:17	23°♏07'56	
	-3580 Jan 11 j 21:29	0°♐	
	-3580 Jan 30 j 20:55	0°♑	
morning set	-3580 Feb 05 j 06:21	10°♑00'10	
max. Earth dist.	-3580 Feb 09 j 17:15	18°♑45'56	1.34454 AU
superior conj	-3580 Feb 13 j 15:42	26°♑50'14	-1°12'56
minimum elong	-3580 Feb 13 j 18:40	27°♑05'42	1°12'35
	-3580 Feb 15 j 04:00	0°♒	
evening rise	-3580 Feb 21 j 02:53	12°♒30'20	
asc. node	-3580 Feb 21 j 08:40	13°♒00'20	
	-3580 Mar 01 j 05:34	0°♓	
evening max el	-3580 Mar 12 j 01:42	14°♓32'26	21°23'05
retrograde	-3580 Mar 24 j 00:06	20°♓16'20	
evening set	-3580 Mar 26 j 11:58	20°♓02'09	
desc. node	-3580 Apr 03 j 13:13	16°♓44'16	
inferior conj	-3580 Apr 04 j 19:16	16°♓02'11	-0°20'55
minimum elong	-3580 Apr 04 j 18:17	16°♓03'34	0°20'36
min. Earth dist.	-3580 Apr 05 j 03:25	15°♓50'42	0.55148 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3580 Apr 14 j 00:38	11°♓58'04	
direct	-3580 Apr 16 j 23:38	11°♓38'53	
morning max el	-3580 Apr 29 j 14:15	17°♓40'38	22°08'35
	-3580 May 09 j 09:02	0°♈	
asc. node	-3580 May 19 j 08:17	18°♈12'29	
morning set	-3580 May 20 j 22:03	21°♈26'52	
	-3580 May 24 j 23:31	0°♉	
superior conj	-3580 May 28 j 04:52	6°♉48'56	1°20'33
minimum elong	-3580 May 28 j 02:11	6°♉34'55	1°20'16
max. Earth dist.	-3580 May 31 j 09:54	13°♉29'17	1.34556 AU
evening rise	-3580 Jun 05 j 05:00	23°♉04'15	
	-3580 Jun 08 j 20:44	0°♊	
	-3580 Jun 27 j 09:53	0°♋	
desc. node	-3580 Jun 30 j 12:09	4°♋09'41	
evening max el	-3580 Jul 10 j 01:43	15°♋07'35	27°04'29
retrograde	-3580 Jul 23 j 08:00	22°♋28'33	
evening set	-3580 Jul 30 j 06:00	19°♋40'46	
min. Earth dist.	-3580 Aug 03 j 01:46	15°♋53'53	0.65153 AU
inferior conj	-3580 Aug 05 j 01:48	13°♋36'36	-3°04'46
minimum elong	-3580 Aug 05 j 05:36	13°♋25'43	3°03'32
morning rise	-3580 Aug 11 j 05:39	8°♋00'42	
direct	-3580 Aug 14 j 02:03	7°♋16'36	
asc. node	-3580 Aug 15 j 07:36	7°♋24'49	
morning max el	-3580 Aug 20 j 15:22	10°♋50'28	18°16'56
	-3580 Sep 02 j 21:42	0°♌	
morning set	-3580 Sep 08 j 10:39	9°♌09'13	
	-3580 Sep 21 j 06:18	0°♍	
superior conj	-3580 Sep 22 j 22:06	2°♍38'38	0°22'37
minimum elong	-3580 Sep 23 j 00:54	2°♍49'46	0°22'18
max. Earth dist.	-3580 Sep 25 j 21:37	7°♍21'58	1.44712 AU
desc. node	-3580 Sep 26 j 11:40	8°♍17'30	
evening rise	-3580 Oct 09 j 12:08	28°♍40'57	
	-3580 Oct 10 j 08:25	0°♎	
greatest brilliancy	-3580 Oct 21 j 04:15	16°♎44'46	-0.7m
	-3580 Oct 30 j 10:46	0°♏	
evening max el	-3580 Nov 02 j 20:14	3°♏56'59	19°35'19
retrograde	-3580 Nov 10 j 03:31	8°♏11'15	
asc. node	-3580 Nov 11 j 06:31	8°♏03'56	
evening set	-3580 Nov 13 j 13:40	7°♏02'48	
inferior conj	-3580 Nov 19 j 03:31	1°♏05'45	2°28'35
minimum elong	-3580 Nov 19 j 00:38	1°♏15'10	2°27'33
	-3580 Nov 19 j 23:43	30°℞♎	
min. Earth dist.	-3580 Nov 20 j 06:25	29°♎38'18	0.66230 AU
morning rise	-3580 Nov 24 j 11:23	24°♎53'32	
direct	-3580 Nov 30 j 14:12	22°♎12'47	
morning max el	-3580 Dec 12 j 21:05	29°♎27'43	25°47'52
	-3580 Dec 13 j 09:49	0°♏	
desc. node	-3580 Dec 23 j 11:20	12°♏03'18	
	-3579 Jan 04 j 18:14	0°♐	
morning set	-3579 Jan 18 j 03:11	22°♐46'18	
	-3579 Jan 21 j 23:43	0°♑	
max. Earth dist.	-3579 Jan 22 j 00:14	0°♑02'27	1.35952 AU
superior conj	-3579 Jan 27 j 10:35	10°♑43'07	-1°33'13
minimum elong	-3579 Jan 27 j 13:48	10°♑59'15	1°32'59
evening rise	-3579 Feb 04 j 09:01	26°♑55'37	
	-3579 Feb 05 j 21:28	0°♒	
asc. node	-3579 Feb 07 j 05:41	2°♒40'22	
evening max el	-3579 Feb 22 j 09:38	25°♒59'03	20°06'04
	-3579 Feb 28 j 07:45	0°♓	
retrograde	-3579 Mar 04 j 15:53	0°♓51'36	
evening set	-3579 Mar 06 j 22:42	0°♓38'09	
	-3579 Mar 09 j 05:23	30°℞♒	
inferior conj	-3579 Mar 15 j 17:49	26°♒38'15	1°32'24
minimum elong	-3579 Mar 15 j 21:36	26°♒32'33	1°31'06
min. Earth dist.	-3579 Mar 17 j 17:27	25°♒26'34	0.55655 AU
desc. node	-3579 Mar 21 j 10:21	23°♒26'06	
morning rise	-3579 Mar 24 j 18:34	22°♒10'11	
direct	-3579 Mar 28 j 14:52	21°♒37'43	
morning max el	-3579 Apr 11 j 08:04	28°♒25'21	23°47'12
	-3579 Apr 12 j 22:01	0°♓	
	-3579 May 02 j 06:21	0°♈	
morning set	-3579 May 05 j 09:52	6°♈27'23	
asc. node	-3579 May 06 j 05:16	8°♈09'28	
superior conj	-3579 May 12 j 11:52	21°♈37'40	1°01'11
minimum elong	-3579 May 12 j 09:31	21°♈25'01	1°00'50
max. Earth dist.	-3579 May 14 j 12:19	25°♈56'39	1.33538 AU
	-3579 May 16 j 10:29	0°♉	
evening rise	-3579 May 19 j 23:37	7°♉16'12	
	-3579 Jun 01 j 09:15	0°♊	
desc. node	-3579 Jun 17 j 09:13	22°♊46'20	
evening max el	-3579 Jun 22 j 12:14	28°♊14'55	27°24'51
	-3579 Jun 24 j 10:16	0°♋	
retrograde	-3579 Jul 06 j 03:46	5°♋38'23	
evening set	-3579 Jul 13 j 07:38	2°♋57'35	
	-3579 Jul 16 j 16:12	30°℞♊	
min. Earth dist.	-3579 Jul 16 j 22:19	29°♊44'44	0.63679 AU
inferior conj	-3579 Jul 19 j 12:23	27°♊04'22	-3°44'29
minimum elong	-3579 Jul 19 j 16:07	26°♊54'40	3°43'35
morning rise	-3579 Jul 26 j 01:27	21°♊46'00	
direct	-3579 Jul 28 j 17:28	21°♊10'50	
asc. node	-3579 Aug 02 j 04:41	22°♊49'16	
morning max el	-3579 Aug 04 j 06:18	24°♊35'51	17°58'25
	-3579 Aug 08 j 16:01	0°♋	
morning set	-3579 Aug 21 j 07:12	20°♋52'31	
	-3579 Aug 26 j 14:24	0°♌	
superior conj	-3579 Sep 02 j 18:18	12°♌00'13	1°04'25
minimum elong	-3579 Sep 03 j 00:01	12°♌23'41	1°03'53
max. Earth dist.	-3579 Sep 08 j 14:02	21°♌27'20	1.43912 AU
desc. node	-3579 Sep 13 j 08:38	29°♌01'57	
	-3579 Sep 13 j 23:25	0°♍	
evening rise	-3579 Sep 18 j 18:44	7°♍28'52	
	-3579 Oct 03 j 16:46	0°♎	
evening max el	-3579 Oct 16 j 22:49	17°♎23'04	20°36'04
retrograde	-3579 Oct 25 j 00:52	22°♎09'30	
evening set	-3579 Oct 28 j 20:33	20°♎45'27	
asc. node	-3579 Oct 29 j 03:39	20°♎31'52	
inferior conj	-3579 Nov 03 j 06:42	14°♎37'39	1°41'43
minimum elong	-3579 Nov 03 j 04:30	14°♎45'03	1°40'50
min. Earth dist.	-3579 Nov 03 j 21:38	13°♎47'00	0.66947 AU
morning rise	-3579 Nov 08 j 12:17	8°♎22'46	
direct	-3579 Nov 14 j 00:04	5°♎59'34	
morning max el	-3579 Nov 25 j 05:50	12°♎41'34	24°27'01
	-3579 Dec 09 j 05:17	0°♏	
desc. node	-3579 Dec 10 j 08:22	1°♏35'28	
	-3579 Dec 28 j 13:32	0°♐	
morning set	-3579 Dec 31 j 03:42	4°♐27'44	
max. Earth dist.	-3578 Jan 03 j 22:12	11°♐09'55	1.37823 AU
superior conj	-3578 Jan 10 j 18:30	23°♐58'27	-1°48'21
minimum elong	-3578 Jan 10 j 21:00	24°♐10'29	1°48'20
	-3578 Jan 13 j 20:41	0°♑	
evening rise	-3578 Jan 19 j 09:15	10°♑57'20	
asc. node	-3578 Jan 25 j 02:44	21°♑58'56	
	-3578 Jan 29 j 19:43	0°♒	
evening max el	-3578 Feb 05 j 04:05	8°♒02'13	19°07'28
retrograde	-3578 Feb 13 j 20:58	12°♒12'03	
evening set	-3578 Feb 16 j 05:45	11°♒54'54	
inferior conj	-3578 Feb 24 j 07:37	7°♒42'00	2°58'01
minimum elong	-3578 Feb 24 j 12:28	7°♒33'37	2°56'46

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3578 Feb 27 j 08:48	5°♒36'31	0.56970 AU
morning rise	-3578 Mar 04 j 16:28	2°♒43'00	
desc. node	-3578 Mar 08 j 07:29	1°♒47'50	
direct	-3578 Mar 09 j 17:59	1°♒42'55	
morning max el	-3578 Mar 23 j 23:08	9°♒01'19	25°23'16
	-3578 Apr 08 j 15:27	0°♓	
morning set	-3578 Apr 19 j 22:03	21°♓30'12	
asc. node	-3578 Apr 23 j 02:16	28°♓16'56	
	-3578 Apr 23 j 21:18	0°♈	
superior conj	-3578 Apr 26 j 22:10	6°♈36'48	0°39'03
minimum elong	-3578 Apr 26 j 20:31	6°♈27'52	0°38'44
max. Earth dist.	-3578 Apr 27 j 21:45	8°♈45'06	1.32883 AU
evening rise	-3578 May 04 j 02:08	21°♈52'36	
	-3578 May 08 j 03:45	0°♉	
	-3578 May 26 j 10:17	0°♊	
desc. node	-3578 Jun 04 j 06:18	10°♊19'36	
evening max el	-3578 Jun 04 j 19:29	10°♊51'31	27°13'52
retrograde	-3578 Jun 18 j 17:15	18°♊14'01	
evening set	-3578 Jun 25 j 18:10	15°♊54'25	
min. Earth dist.	-3578 Jun 29 j 08:58	13°♊05'20	0.61865 AU
inferior conj	-3578 Jul 02 j 11:26	10°♊14'42	-4°12'26
minimum elong	-3578 Jul 02 j 13:56	10°♊08'56	4°12'02
morning rise	-3578 Jul 09 j 11:09	5°♊16'27	
direct	-3578 Jul 12 j 00:38	4°♊48'06	
morning max el	-3578 Jul 18 j 20:36	8°♊13'38	17°58'16
asc. node	-3578 Jul 20 j 01:45	9°♊29'58	
	-3578 Aug 02 j 00:51	0°♋	
morning set	-3578 Aug 04 j 00:09	3°♋34'30	
superior conj	-3578 Aug 14 j 18:06	22°♋44'09	1°32'17
minimum elong	-3578 Aug 14 j 22:38	23°♋03'46	1°32'03
	-3578 Aug 19 j 00:27	0°♌	
max. Earth dist.	-3578 Aug 22 j 01:26	5°♌03'09	1.42517 AU
evening rise	-3578 Aug 29 j 01:55	16°♌20'51	
desc. node	-3578 Aug 31 j 05:37	19°♌43'19	
	-3578 Sep 06 j 22:50	0°♍	
	-3578 Sep 29 j 00:34	0°♎	
evening max el	-3578 Sep 29 j 19:13	0°♎48'35	21°48'22
retrograde	-3578 Oct 08 j 21:07	6°♎12'17	
evening set	-3578 Oct 13 j 04:30	4°♎30'28	
asc. node	-3578 Oct 16 j 00:47	1°♎34'16	
	-3578 Oct 17 j 05:58	30°℞♍	
inferior conj	-3578 Oct 18 j 12:32	28°♍15'31	0°50'50
minimum elong	-3578 Oct 18 j 11:22	28°♍19'31	0°50'21
min. Earth dist.	-3578 Oct 18 j 16:45	28°♍00'58	0.67348 AU
morning rise	-3578 Oct 23 j 18:05	22°♍00'37	
direct	-3578 Oct 28 j 14:41	19°♍58'26	
morning max el	-3578 Nov 07 j 15:48	25°♍58'07	23°00'20
	-3578 Nov 11 j 07:47	0°♎	
desc. node	-3578 Nov 27 j 05:21	21°♎33'41	
	-3578 Dec 02 j 19:19	0°♏	
morning set	-3578 Dec 12 j 01:42	14°♏48'38	
max. Earth dist.	-3578 Dec 16 j 17:50	22°♏41'45	1.39893 AU
	-3578 Dec 20 j 21:58	0°♐	
superior conj	-3578 Dec 24 j 10:56	6°♐24'00	-1°55'26
minimum elong	-3578 Dec 24 j 11:20	6°♐25'50	1°55'34
evening rise	-3577 Jan 03 j 00:47	24°♐27'39	
	-3577 Jan 05 j 22:45	0°♑	
asc. node	-3577 Jan 11 j 23:48	10°♑47'59	
evening max el	-3577 Jan 19 j 07:15	20°♑36'17	18°28'45
retrograde	-3577 Jan 26 j 20:10	24°♑17'59	
evening set	-3577 Jan 29 j 08:29	23°♑54'41	
inferior conj	-3577 Feb 05 j 17:38	19°♑22'13	3°46'12
minimum elong	-3577 Feb 05 j 20:26	19°♑16'36	3°45'44
min. Earth dist.	-3577 Feb 09 j 03:09	16°♑39'46	0.58814 AU
morning rise	-3577 Feb 13 j 06:06	13°♑57'47	
direct	-3577 Feb 19 j 10:28	12°♑19'15	
desc. node	-3577 Feb 23 j 04:35	12°♑54'36	
morning max el	-3577 Mar 05 j 16:56	19°♑53'45	26°41'46
	-3577 Mar 14 j 08:23	0°♒	
	-3577 Apr 01 j 04:56	0°♓	
morning set	-3577 Apr 04 j 08:49	6°♓27'46	
asc. node	-3577 Apr 09 j 23:16	18°♓29'23	
superior conj	-3577 Apr 11 j 09:50	21°♓38'32	0°15'03
minimum elong	-3577 Apr 11 j 09:10	21°♓34'54	0°14'52
behind sun begin	-3577 Apr 11 j 07:30	21°♓25'45	
behind sun end	-3577 Apr 11 j 10:50	21°♓44'04	
max. Earth dist.	-3577 Apr 11 j 10:41	21°♓43'11	1.32572 AU
	-3577 Apr 15 j 05:53	0°♈	
evening rise	-3577 Apr 18 j 09:45	6°♈43'05	
	-3577 Apr 30 j 17:54	0°♉	
evening max el	-3577 May 17 j 21:15	22°♉47'41	26°30'15
desc. node	-3577 May 22 j 03:23	26°♉22'23	
	-3577 May 30 j 08:28	0°♊	
retrograde	-3577 May 31 j 22:55	0°♊06'28	
	-3577 Jun 02 j 13:03	30°℞♉	
evening set	-3577 Jun 07 j 09:21	28°♉21'01	
min. Earth dist.	-3577 Jun 11 j 10:33	25°♉39'54	0.59839 AU
inferior conj	-3577 Jun 14 j 19:23	22°♉58'21	-4°21'40
minimum elong	-3577 Jun 14 j 19:09	22°♉58'49	4°21'33
morning rise	-3577 Jun 22 j 07:10	18°♉21'37	
direct	-3577 Jun 24 j 19:30	17°♉58'28	
morning max el	-3577 Jul 02 j 07:19	21°♉35'21	18°17'27
asc. node	-3577 Jul 06 j 22:47	27°♉10'55	
	-3577 Jul 08 j 19:42	0°♊	
morning set	-3577 Jul 18 j 08:11	17°♊01'21	
	-3577 Jul 25 j 05:28	0°♋	
superior conj	-3577 Jul 27 j 19:11	4°♋43'43	1°46'15
minimum elong	-3577 Jul 27 j 21:05	4°♋52'23	1°46'18
max. Earth dist.	-3577 Aug 04 j 07:03	17°♋57'48	1.40717 AU
evening rise	-3577 Aug 09 j 03:48	26°♋06'44	
	-3577 Aug 11 j 13:11	0°♌	
desc. node	-3577 Aug 18 j 02:36	10°♌17'54	
	-3577 Aug 31 j 16:42	0°♍	
evening max el	-3577 Sep 12 j 10:15	14°♍15'21	23°07'45
retrograde	-3577 Sep 22 j 14:44	20°♍17'22	
evening set	-3577 Sep 27 j 11:45	18°♍16'16	
inferior conj	-3577 Oct 02 j 19:14	11°♍57'46	-0°02'16
minimum elong	-3577 Oct 02 j 19:16	11°♍57'36	0°02'11
transit middle	-3577 Oct 02 j 19:16	11°♍57'36	0°02'11
transit begin	-3577 Oct 02 j 16:36	12°♍06'49	
transit end	-3577 Oct 02 j 21:57	11°♍48'23	
min. Earth dist.	-3577 Oct 02 j 13:14	12°♍18'22	0.67447 AU
asc. node	-3577 Oct 02 j 21:52	11°♍48'39	
morning rise	-3577 Oct 08 j 02:41	5°♍45'53	
direct	-3577 Oct 12 j 09:10	4°♍05'08	
morning max el	-3577 Oct 21 j 06:14	9°♍20'20	21°36'39
	-3577 Nov 06 j 03:24	0°♎	
desc. node	-3577 Nov 14 j 02:20	11°♎50'44	
morning set	-3577 Nov 21 j 19:10	23°♎48'18	
	-3577 Nov 25 j 15:57	0°♏	
max. Earth dist.	-3577 Nov 28 j 18:39	5°♏05'31	1.41885 AU
superior conj	-3577 Dec 06 j 06:30	17°♏47'00	-1°50'51
minimum elong	-3577 Dec 06 j 03:23	17°♏33'27	1°50'49
	-3577 Dec 13 j 03:41	0°♐	
evening rise	-3577 Dec 17 j 04:14	7°♐19'46	
asc. node	-3577 Dec 29 j 20:52	28°♐58'28	
	-3577 Dec 30 j 14:58	0°♑	
evening max el	-3576 Jan 02 j 16:24	3°♑33'38	18°09'56

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3576 Jan 09 j 12:27	7°♑02'26		
evening set	-3576 Jan 12 j 04:00	6°♑31'40		
inferior conj	-3576 Jan 18 j 23:05	1°♑37'25	4°01'45	
minimum elong	-3576 Jan 18 j 23:09	1°♑37'17	4°01'38	
	-3576 Jan 20 j 16:52	30°℞♐		
min. Earth dist.	-3576 Jan 22 j 03:17	28°♐41'52	0.60843 AU	
morning rise	-3576 Jan 25 j 16:52	25°♐55'24		
direct	-3576 Feb 01 j 13:42	23°♐40'01		
desc. node	-3576 Feb 10 j 01:41	26°♐41'29		
	-3576 Feb 14 j 05:57	0°♑		
morning max el	-3576 Feb 15 j 16:35	1°♑21'42	27°30'15	
	-3576 Mar 07 j 11:43	0°♒		
morning set	-3576 Mar 18 j 16:20	21°♒13'22		
	-3576 Mar 22 j 20:07	0°♓		
max. Earth dist.	-3576 Mar 24 j 23:27	4°♓38'01	1.32603 AU	
superior conj	-3576 Mar 25 j 21:13	6°♓36'44	-0°10'03	
minimum elong	-3576 Mar 25 j 21:40	6°♓39'13	0°10'02	
behind sun begin	-3576 Mar 25 j 17:45	6°♓17'47		
behind sun end	-3576 Mar 26 j 01:36	7°♓00'40		
asc. node	-3576 Mar 26 j 20:16	8°♓42'38		
evening rise	-3576 Apr 01 j 20:18	21°♓39'55		
	-3576 Apr 05 j 22:07	0°♈		
	-3576 Apr 24 j 21:10	0°♉		
evening max el	-3576 Apr 28 j 16:53	4°♉02'37	25°18'06	
desc. node	-3576 May 08 j 00:29	10°♉20'11		
retrograde	-3576 May 12 j 18:21	11°♉12'44		
evening set	-3576 May 18 j 02:39	10°♉06'07		
min. Earth dist.	-3576 May 23 j 05:10	7°♉16'40	0.57850 AU	
inferior conj	-3576 May 26 j 08:46	5°♉06'01	-4°02'23	
minimum elong	-3576 May 26 j 04:53	5°♉12'47	4°01'48	
morning rise	-3576 Jun 03 j 09:59	0°♉50'03		
direct	-3576 Jun 05 j 21:57	0°♉31'00		
morning max el	-3576 Jun 14 j 11:33	4°♉32'01	18°56'50	
asc. node	-3576 Jun 22 j 19:49	15°♉38'36		
	-3576 Jun 30 j 14:23	0°♊		
morning set	-3576 Jul 01 j 03:05	1°♊02'14		
superior conj	-3576 Jul 09 j 15:57	17°♊43'24	1°48'46	
minimum elong	-3576 Jul 09 j 15:31	17°♊41'17	1°48'53	
	-3576 Jul 16 j 06:35	0°♋		
max. Earth dist.	-3576 Jul 16 j 09:17	0°♋12'05	1.38761 AU	
evening rise	-3576 Jul 20 j 07:37	7°♋07'31		
desc. node	-3576 Aug 03 j 23:35	0°♌40'51		
	-3576 Aug 03 j 12:40	0°♌		
evening max el	-3576 Aug 24 j 21:59	27°♌44'32	24°28'00	
	-3576 Aug 27 j 08:17	0°♍		
retrograde	-3576 Sep 05 j 04:37	4°♍20'42		
evening set	-3576 Sep 10 j 16:32	2°♍00'28		
	-3576 Sep 12 j 16:14	30°℞♌		
min. Earth dist.	-3576 Sep 15 j 08:35	26°♌37'00	0.67242 AU	
inferior conj	-3576 Sep 16 j 01:02	25°♌41'48	-0°56'00	
minimum elong	-3576 Sep 16 j 02:21	25°♌37'22	0°55'21	
asc. node	-3576 Sep 18 j 18:58	22°♌11'29		
morning rise	-3576 Sep 21 j 12:09	19°♌36'04		
direct	-3576 Sep 25 j 06:14	18°♌15'10		
morning max el	-3576 Oct 03 j 03:35	22°♌50'53	20°22'17	
	-3576 Oct 09 j 03:03	0°♍		
	-3576 Oct 29 j 10:59	0°♎		
morning set	-3576 Oct 30 j 18:21	2°♎01'17		
desc. node	-3576 Oct 30 j 23:17	2°♎20'26		
max. Earth dist.	-3576 Nov 10 j 03:28	18°♎23'07	1.43503 AU	
superior conj	-3576 Nov 15 j 23:51	27°♎54'28	-1°30'49	
minimum elong	-3576 Nov 15 j 17:15	27°♎27'18	1°30'16	
	-3576 Nov 17 j 06:11	0°♏		
evening rise	-3576 Nov 28 j 15:24	19°♏24'53		
	-3576 Dec 04 j 17:47	0°♐		
asc. node	-3576 Dec 15 j 17:56	16°♐18'33		
evening max el	-3576 Dec 16 j 04:33	16°♐46'01	18°10'36	
retrograde	-3576 Dec 22 j 17:45	20°♐14'59		
evening set	-3576 Dec 25 j 12:41	19°♐35'51		
inferior conj	-3576 Dec 31 j 20:36	14°♐20'38	3°53'30	
minimum elong	-3576 Dec 31 j 18:38	14°♐25'47	3°53'10	
min. Earth dist.	-3575 Jan 03 j 12:09	11°♐34'14	0.62757 AU	
morning rise	-3575 Jan 06 j 23:48	8°♐26'09		
direct	-3575 Jan 14 j 01:25	5°♐45'30		
desc. node	-3575 Jan 26 j 22:45	12°♐33'55		
morning max el	-3575 Jan 27 j 22:07	13°♐30'09	27°42'48	
	-3575 Feb 10 j 05:52	0°♑		
	-3575 Feb 27 j 21:53	0°♒		
morning set	-3575 Mar 02 j 18:26	5°♒39'27		
max. Earth dist.	-3575 Mar 08 j 08:16	17°♒16'13	1.32995 AU	
superior conj	-3575 Mar 10 j 06:40	21°♒25'30	-0°35'19	
minimum elong	-3575 Mar 10 j 08:15	21°♒34'04	0°35'05	
asc. node	-3575 Mar 13 j 17:16	28°♒52'38		
	-3575 Mar 14 j 05:45	0°♓		
evening rise	-3575 Mar 17 j 07:57	6°♓36'14		
	-3575 Mar 29 j 19:26	0°♈		
evening max el	-3575 Apr 10 j 08:43	14°♈49'11	23°47'58	
retrograde	-3575 Apr 24 j 01:37	21°♈39'47		
desc. node	-3575 Apr 24 j 21:34	21°♈38'13		
evening set	-3575 Apr 28 j 01:34	21°♈04'30		
min. Earth dist.	-3575 May 04 j 19:59	17°♈53'38	0.56215 AU	
inferior conj	-3575 May 07 j 02:02	16°♈31'32	-3°04'44	
minimum elong	-3575 May 06 j 19:57	16°♈40'49	3°03'11	
morning rise	-3575 May 15 j 17:17	12°♈31'21		
direct	-3575 May 18 j 05:29	12°♈15'14		
morning max el	-3575 May 28 j 06:44	16°♈54'59	19°56'48	
	-3575 Jun 07 j 01:22	0°♉		
asc. node	-3575 Jun 09 j 16:50	4°♉42'05		
morning set	-3575 Jun 15 j 05:42	15°♉29'11		
	-3575 Jun 22 j 09:24	0°♊		
superior conj	-3575 Jun 23 j 03:10	1°♊28'57	1°42'36	
minimum elong	-3575 Jun 23 j 01:14	1°♊19'16	1°42'36	
max. Earth dist.	-3575 Jun 28 j 13:11	12°♊02'29	1.36893 AU	
evening rise	-3575 Jul 02 j 11:32	19°♊20'17		
	-3575 Jul 08 j 13:33	0°♋		
desc. node	-3575 Jul 21 j 20:35	20°♋46'44		
	-3575 Jul 28 j 14:20	0°♌		
evening max el	-3575 Aug 07 j 08:44	11°♌16'27	25°41'28	
retrograde	-3575 Aug 19 j 14:08	18°♌18'29		
evening set	-3575 Aug 25 j 16:59	15°♌41'50		
min. Earth dist.	-3575 Aug 30 j 00:26	10°♌55'19	0.66716 AU	
inferior conj	-3575 Aug 31 j 04:14	9°♌26'14	-1°48'39	
minimum elong	-3575 Aug 31 j 06:45	9°♌18'09	1°47'34	
morning rise	-3575 Sep 05 j 20:39	3°♌29'44		
asc. node	-3575 Sep 05 j 16:03	3°♌37'17		
direct	-3575 Sep 09 j 04:25	2°♌25'48		
morning max el	-3575 Sep 16 j 08:15	6°♌30'40	19°21'08	
	-3575 Oct 03 j 03:00	0°♍		
morning set	-3575 Oct 09 j 22:03	10°♍34'44		
desc. node	-3575 Oct 17 j 20:14	22°♍58'43		
	-3575 Oct 22 j 07:22	0°♎		
max. Earth dist.	-3575 Oct 23 j 18:23	2°♎18'15	1.44531 AU	
superior conj	-3575 Oct 26 j 14:31	6°♎48'32	-0°53'55	
minimum elong	-3575 Oct 26 j 08:15	6°♎23'35	0°53'10	
	-3575 Nov 09 j 21:26	0°♏		
evening rise	-3575 Nov 10 j 05:42	0°♏34'12		
evening max el	-3575 Nov 29 j 16:59	0°♐07'22	18°29'58	
	-3575 Nov 29 j 14:07	0°♐		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3575 Dec 02 j 15:00	2°♐34'27	
retrograde	-3575 Dec 06 j 07:46	3°♐47'14	
evening set	-3575 Dec 09 j 07:06	2°♐58'26	
	-3575 Dec 12 j 22:44	30°℞♏	
inferior conj	-3575 Dec 15 j 06:23	27°♏24'38	3°28'49
minimum elong	-3575 Dec 15 j 03:25	27°♏33'14	3°28'06
min. Earth dist.	-3575 Dec 17 j 07:09	25°♏02'56	0.64384 AU
morning rise	-3575 Dec 20 j 23:17	21°♏21'05	
direct	-3575 Dec 27 j 20:25	18°♏29'58	
morning max el	-3574 Jan 10 j 07:11	26°♏12'07	27°20'06
desc. node	-3574 Jan 13 j 19:48	29°♏57'30	
	-3574 Jan 13 j 20:41	0°♐	
	-3574 Feb 03 j 18:31	0°♑	
morning set	-3574 Feb 14 j 12:18	19°♑36'40	
max. Earth dist.	-3574 Feb 19 j 09:04	29°♑24'43	1.33793 AU
	-3574 Feb 19 j 15:54	0°♒	
superior conj	-3574 Feb 22 j 12:19	5°♒58'25	-0°59'45
minimum elong	-3574 Feb 22 j 14:53	6°♒11'59	0°59'24
asc. node	-3574 Feb 28 j 14:17	18°♒54'50	
evening rise	-3574 Mar 01 j 18:55	21°♒25'24	
	-3574 Mar 06 j 00:10	0°♓	
evening max el	-3574 Mar 23 j 02:35	25°♓32'50	22°13'53
	-3574 Mar 29 j 02:34	0°♈	
retrograde	-3574 Apr 04 j 21:06	1°♈46'10	
evening set	-3574 Apr 07 j 17:52	1°♈28'00	
desc. node	-3574 Apr 11 j 18:41	0°♈07'29	
	-3574 Apr 12 j 01:22	30°℞♓	
min. Earth dist.	-3574 Apr 16 j 09:54	27°♓43'04	0.55271 AU
inferior conj	-3574 Apr 17 j 02:44	27°♓19'15	-1°27'47
minimum elong	-3574 Apr 16 j 22:48	27°♓24'49	1°26'28
morning rise	-3574 Apr 26 j 05:15	23°♓21'50	
direct	-3574 Apr 28 j 21:14	23°♓05'44	
morning max el	-3574 May 10 j 15:11	28°♓36'44	21°16'04
	-3574 May 12 j 00:58	0°♈	
asc. node	-3574 May 27 j 13:51	24°♈11'34	
	-3574 May 30 j 10:46	0°♉	
morning set	-3574 May 30 j 13:27	0°♉13'49	
superior conj	-3574 Jun 07 j 00:29	15°♉46'32	1°30'01
minimum elong	-3574 Jun 06 j 21:53	15°♉33'05	1°29'50
max. Earth dist.	-3574 Jun 11 j 00:03	23°♉52'46	1.35300 AU
	-3574 Jun 14 j 02:51	0°♊	
evening rise	-3574 Jun 15 j 10:17	2°♊30'25	
	-3574 Jul 01 j 12:02	0°♋	
desc. node	-3574 Jul 08 j 17:37	10°♋27'09	
evening max el	-3574 Jul 20 j 19:51	24°♋46'13	26°40'18
	-3574 Jul 27 j 08:53	0°♌	
retrograde	-3574 Aug 02 j 18:53	2°♌03'51	
	-3574 Aug 08 j 13:07	30°℞♋	
evening set	-3574 Aug 09 j 10:53	29°♋17'13	
min. Earth dist.	-3574 Aug 13 j 10:29	25°♋08'53	0.65830 AU
inferior conj	-3574 Aug 15 j 02:52	23°♋07'46	-2°38'23
minimum elong	-3574 Aug 15 j 06:20	22°♋57'21	2°37'07
morning rise	-3574 Aug 21 j 02:07	17°♋23'34	
asc. node	-3574 Aug 23 j 13:08	16°♋34'53	
direct	-3574 Aug 24 j 01:55	16°♋33'18	
morning max el	-3574 Aug 30 j 18:46	20°♋16'14	18°35'32
	-3574 Sep 07 j 05:59	0°♌	
morning set	-3574 Sep 20 j 00:51	20°♌17'52	
	-3574 Sep 26 j 01:53	0°♍	
desc. node	-3574 Oct 04 j 17:12	13°♍41'59	
superior conj	-3574 Oct 05 j 14:28	15°♍05'46	-0°05'39
minimum elong	-3574 Oct 05 j 13:43	15°♍02'49	0°05'32
behind sun begin	-3574 Oct 05 j 02:55	14°♍20'16	
behind sun end	-3574 Oct 06 j 00:30	15°♍45'21	
max. Earth dist.	-3574 Oct 06 j 12:02	16°♍30'45	1.44853 AU
	-3574 Oct 15 j 01:35	0°♎	
evening rise	-3574 Oct 21 j 19:31	10°♎40'25	
greatest brilliancy	-3574 Oct 30 j 06:56	24°♎06'10	-0.8m
	-3574 Nov 03 j 02:02	0°♏	
evening max el	-3574 Nov 13 j 03:13	13°♏33'17	19°06'51
asc. node	-3574 Nov 19 j 12:06	17°♏30'49	
retrograde	-3574 Nov 20 j 02:45	17°♏32'56	
evening set	-3574 Nov 23 j 08:16	16°♏32'30	
inferior conj	-3574 Nov 29 j 01:03	10°♏43'10	2°52'56
minimum elong	-3574 Nov 28 j 21:57	10°♏52'55	2°51'56
min. Earth dist.	-3574 Nov 30 j 11:36	8°♏54'33	0.65657 AU
morning rise	-3574 Dec 04 j 11:18	4°♏33'14	
direct	-3574 Dec 10 j 21:53	1°♏45'24	
morning max el	-3574 Dec 23 j 16:56	9°♏14'42	26°27'54
desc. node	-3574 Dec 31 j 16:51	18°♏25'28	
	-3573 Jan 09 j 02:41	0°♐	
	-3573 Jan 27 j 05:03	0°♑	
morning set	-3573 Jan 28 j 18:15	2°♑53'34	
max. Earth dist.	-3573 Feb 01 j 22:41	10°♑57'51	1.35033 AU
superior conj	-3573 Feb 06 j 11:58	20°♑08'45	-1°22'02
minimum elong	-3573 Feb 06 j 15:07	20°♑24'59	1°21'43
	-3573 Feb 11 j 05:50	0°♒	
evening rise	-3573 Feb 14 j 03:26	6°♒01'28	
asc. node	-3573 Feb 15 j 11:19	8°♒44'47	
	-3573 Feb 27 j 12:28	0°♓	
evening max el	-3573 Mar 05 j 04:36	6°♓40'21	20°48'20
retrograde	-3573 Mar 16 j 10:40	12°♓02'20	
evening set	-3573 Mar 18 j 18:43	11°♓49'22	
inferior conj	-3573 Mar 27 j 21:59	7°♓51'36	0°29'01
minimum elong	-3573 Mar 27 j 23:19	7°♓49'42	0°28'31
min. Earth dist.	-3573 Mar 29 j 00:09	7°♓14'01	0.55246 AU
desc. node	-3573 Mar 29 j 15:48	6°♓51'45	
morning rise	-3573 Apr 06 j 02:55	3°♓38'30	
direct	-3573 Apr 09 j 09:16	3°♓15'17	
morning max el	-3573 Apr 22 j 13:26	9°♓38'54	22°49'57
	-3573 May 07 j 06:23	0°♈	
asc. node	-3573 May 14 j 10:53	14°♈00'11	
morning set	-3573 May 15 j 00:17	15°♈09'56	
	-3573 May 21 j 23:46	0°♉	
superior conj	-3573 May 22 j 04:42	0°♉26'11	1°12'45
minimum elong	-3573 May 22 j 02:06	0°♉12'24	1°12'25
max. Earth dist.	-3573 May 24 j 20:50	6°♉03'56	1.34073 AU
evening rise	-3573 May 29 j 22:53	16°♉23'33	
	-3573 Jun 06 j 05:04	0°♊	
desc. node	-3573 Jun 25 j 14:41	29°♊31'10	
	-3573 Jun 25 j 23:57	0°♋	
evening max el	-3573 Jul 03 j 07:10	8°♋05'28	27°16'45
retrograde	-3573 Jul 16 j 18:16	15°♋28'51	
evening set	-3573 Jul 23 j 19:26	12°♋42'24	
min. Earth dist.	-3573 Jul 27 j 12:37	9°♋10'40	0.64566 AU
inferior conj	-3573 Jul 29 j 18:37	6°♋42'15	-3°22'46
minimum elong	-3573 Jul 29 j 22:30	6°♋31'33	3°21'38
morning rise	-3573 Aug 05 j 02:13	1°♋13'22	
direct	-3573 Aug 07 j 20:22	0°♋33'31	
asc. node	-3573 Aug 10 j 10:14	1°♋08'14	
morning max el	-3573 Aug 14 j 08:48	4°♋02'58	18°06'50
	-3573 Aug 31 j 12:08	0°♌	
morning set	-3573 Sep 01 j 07:13	1°♌20'29	
superior conj	-3573 Sep 14 j 21:52	23°♌48'49	0°41'49
minimum elong	-3573 Sep 15 j 02:30	24°♌07'28	0°41'20
	-3573 Sep 18 j 18:42	0°♍	
max. Earth dist.	-3573 Sep 19 j 05:33	0°♍43'05	1.44452 AU
desc. node	-3573 Sep 21 j 14:09	4°♍26'52	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3573 Oct 01 j 10:26	19°♍48'41		
	-3573 Oct 08 j 01:11	0°♎		
greatest brilliancy	-3573 Oct 14 j 21:21	10°♎21'27	-0.7m	
evening max el	-3573 Oct 27 j 09:08	27°♎00'11	19°59'35	
	-3573 Oct 30 j 20:36	0°♏		
retrograde	-3573 Nov 03 j 23:48	1°♏27'19		
asc. node	-3573 Nov 06 j 09:13	0°♏54'08		
evening set	-3573 Nov 07 j 13:40	0°♏12'44		
	-3573 Nov 07 j 20:43	30°℞♎		
inferior conj	-3573 Nov 13 j 01:46	24°♎10'56	2°09'18	
minimum elong	-3573 Nov 12 j 23:08	24°♎19'42	2°08'19	
min. Earth dist.	-3573 Nov 13 j 23:30	22°♎58'50	0.66578 AU	
morning rise	-3573 Nov 18 j 08:22	17°♎57'12		
direct	-3573 Nov 24 j 05:01	15°♎22'55		
morning max el	-3573 Dec 06 j 01:45	22°♎25'33	25°14'40	
	-3573 Dec 12 j 18:07	0°♏		
desc. node	-3573 Dec 18 j 13:52	7°♏38'01		
	-3572 Jan 02 j 09:57	0°♐		
morning set	-3572 Jan 11 j 07:11	15°♐14'07		
max. Earth dist.	-3572 Jan 15 j 00:45	22°♐04'39	1.36709 AU	
	-3572 Jan 19 j 04:23	0°♑		
superior conj	-3572 Jan 21 j 02:38	3°♑46'56	-1°40'26	
minimum elong	-3572 Jan 21 j 05:41	4°♑02'00	1°40'17	
evening rise	-3572 Jan 29 j 07:19	20°♑17'06		
asc. node	-3572 Feb 02 j 08:22	28°♑16'19		
	-3572 Feb 03 j 06:10	0°♒		
evening max el	-3572 Feb 15 j 17:13	18°♒22'55	19°38'47	
retrograde	-3572 Feb 25 j 06:28	22°♒55'04		
evening set	-3572 Feb 27 j 13:48	22°♒40'26		
inferior conj	-3572 Mar 07 j 01:51	18°♒36'36	2°13'09	
minimum elong	-3572 Mar 07 j 06:35	18°♒29'04	2°11'40	
min. Earth dist.	-3572 Mar 09 j 14:40	17°♒00'27	0.56135 AU	
morning rise	-3572 Mar 15 j 20:52	13°♒55'20		
desc. node	-3572 Mar 15 j 12:56	14°♒01'53		
direct	-3572 Mar 20 j 05:33	13°♒12'36		
morning max el	-3572 Apr 03 j 05:08	20°♒15'35	24°29'11	
	-3572 Apr 11 j 11:42	0°♓		
	-3572 Apr 28 j 10:14	0°♈		
morning set	-3572 Apr 28 j 12:26	0°♈11'33		
asc. node	-3572 Apr 30 j 07:54	4°♈01'56		
superior conj	-3572 May 05 j 13:19	15°♈19'39	0°52'05	
minimum elong	-3572 May 05 j 11:14	15°♈08'20	0°51'43	
max. Earth dist.	-3572 May 07 j 02:37	18°♈40'46	1.33218 AU	
evening rise	-3572 May 12 j 21:15	0°♉47'00		
	-3572 May 12 j 12:00	0°♉		
	-3572 May 29 j 04:53	0°♊		
desc. node	-3572 Jun 11 j 11:45	17°♊43'29		
evening max el	-3572 Jun 14 j 16:50	21°♊01'49	27°24'21	
retrograde	-3572 Jun 28 j 11:27	28°♊24'45		
evening set	-3572 Jul 05 j 15:10	25°♊51'36		
min. Earth dist.	-3572 Jul 09 j 05:11	22°♊50'08	0.62937 AU	
inferior conj	-3572 Jul 12 j 00:44	20°♊03'46	-3°58'12	
minimum elong	-3572 Jul 12 j 04:07	19°♊55'23	3°57'30	
morning rise	-3572 Jul 18 j 18:07	14°♊53'20		
direct	-3572 Jul 21 j 08:51	14°♊21'15		
asc. node	-3572 Jul 27 j 07:19	17°♊06'45		
morning max el	-3572 Jul 27 j 23:44	17°♊45'30	17°56'03	
	-3572 Aug 05 j 18:42	0°♋		
morning set	-3572 Aug 13 j 13:13	13°♋31'06		
	-3572 Aug 23 j 00:23	0°♌		
superior conj	-3572 Aug 25 j 05:33	3°♌44'38	1°18'03	
minimum elong	-3572 Aug 25 j 11:07	4°♌08'00	1°17'36	
max. Earth dist.	-3572 Aug 31 j 20:18	14°♌38'40	1.43383 AU	
desc. node	-3572 Sep 07 j 11:08	25°♌10'39		
evening rise	-3572 Sep 09 j 14:51	28°♌32'21		
	-3572 Sep 10 j 13:28	0°♍		
	-3572 Sep 30 j 21:02	0°♎		
evening max el	-3572 Oct 09 j 09:16	10°♎26'56	21°05'39	
retrograde	-3572 Oct 17 j 20:46	15°♎28'11		
evening set	-3572 Oct 21 j 21:14	13°♎56'49		
asc. node	-3572 Oct 23 j 06:19	12°♎43'24		
inferior conj	-3572 Oct 27 j 06:19	7°♎45'47	1°20'31	
minimum elong	-3572 Oct 27 j 04:32	7°♎51'52	1°19'47	
min. Earth dist.	-3572 Oct 27 j 16:36	7°♎10'34	0.67163 AU	
morning rise	-3572 Nov 01 j 11:40	1°♎30'45		
	-3572 Nov 03 j 16:34	30°℞♍		
direct	-3572 Nov 06 j 17:04	29°♍16'08		
	-3572 Nov 09 j 23:08	0°♎		
morning max el	-3572 Nov 17 j 10:31	5°♎40'06	23°50'14	
desc. node	-3572 Dec 04 j 10:52	27°♎22'31		
	-3572 Dec 06 j 06:02	0°♏		
morning set	-3572 Dec 22 j 21:01	26°♏22'21		
	-3572 Dec 24 j 23:33	0°♐		
max. Earth dist.	-3572 Dec 26 j 20:48	3°♐18'31	1.38706 AU	
superior conj	-3571 Jan 03 j 04:35	16°♐42'49	-1°52'32	
minimum elong	-3571 Jan 03 j 06:23	16°♐51'17	1°52'36	
	-3571 Jan 10 j 01:50	0°♑		
evening rise	-3571 Jan 12 j 04:12	4°♑06'12		
asc. node	-3571 Jan 19 j 05:24	17°♑23'04		
	-3571 Jan 27 j 23:42	0°♒		
evening max el	-3571 Jan 28 j 15:40	0°♒39'48	18°48'26	
retrograde	-3571 Feb 05 j 19:02	4°♒35'29		
evening set	-3571 Feb 08 j 05:29	4°♒15'47		
inferior conj	-3571 Feb 15 j 23:57	29°♑54'45	3°22'56	
minimum elong	-3571 Feb 16 j 04:10	29°♑46'59	3°22'02	
	-3571 Feb 15 j 21:06	30°℞♑		
min. Earth dist.	-3571 Feb 19 j 06:38	27°♑31'11	0.57721 AU	
morning rise	-3571 Feb 24 j 00:18	24°♑44'20		
direct	-3571 Mar 01 j 14:18	23°♑28'38		
desc. node	-3571 Mar 02 j 10:03	23°♑30'18		
	-3571 Mar 14 j 21:27	0°♒		
morning max el	-3571 Mar 15 j 20:33	0°♒54'19	25°59'42	
	-3571 Apr 05 j 07:22	0°♓		
morning set	-3571 Apr 13 j 00:11	15°♓12'28		
asc. node	-3571 Apr 17 j 04:53	24°♓11'44		
	-3571 Apr 19 j 20:41	0°♈		
superior conj	-3571 Apr 20 j 00:21	0°♈20'02	0°29'02	
minimum elong	-3571 Apr 19 j 23:06	0°♈13'12	0°28'46	
max. Earth dist.	-3571 Apr 20 j 14:08	1°♈35'19	1.32713 AU	
evening rise	-3571 Apr 27 j 02:12	15°♈30'03		
	-3571 May 04 j 11:47	0°♉		
	-3571 May 24 j 15:52	0°♊		
evening max el	-3571 May 27 j 22:05	3°♊21'59	26°59'16	
desc. node	-3571 May 29 j 08:51	4°♊41'52		
retrograde	-3571 Jun 10 j 21:27	10°♊42'25		
evening set	-3571 Jun 17 j 17:53	8°♊36'10		
min. Earth dist.	-3571 Jun 21 j 11:36	5°♊52'44	0.61016 AU	
inferior conj	-3571 Jun 24 j 17:48	3°♊03'36	-4°19'12	
minimum elong	-3571 Jun 24 j 19:19	3°♊00'16	4°18'59	
	-3571 Jun 28 j 13:35	30°℞♉		
morning rise	-3571 Jul 01 j 22:27	28°♉14'18		
direct	-3571 Jul 04 j 11:29	27°♉48'10		
	-3571 Jul 10 j 01:37	0°♊		
morning max el	-3571 Jul 11 j 12:48	1°♊16'50	18°04'04	
asc. node	-3571 Jul 14 j 04:21	4°♊14'26		
morning set	-3571 Jul 27 j 13:09	26°♊33'29		
	-3571 Jul 29 j 09:47	0°♋		
superior conj	-3571 Aug 06 j 16:39	15°♋01'57	1°39'48	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3571 Aug 06 j 20:07	15°♋17'15	1°39'42
max. Earth dist.	-3571 Aug 14 j 05:46	27°♋59'53	1.41786 AU
	-3571 Aug 15 j 10:40	0°♌	
evening rise	-3571 Aug 20 j 04:15	7°♌42'05	
desc. node	-3571 Aug 25 j 08:06	15°♌49'26	
	-3571 Sep 03 j 18:32	0°♍	
evening max el	-3571 Sep 22 j 03:14	23°♍52'34	22°21'33
retrograde	-3571 Oct 01 j 16:00	29°♍32'21	
evening set	-3571 Oct 06 j 05:06	27°♍42'11	
asc. node	-3571 Oct 10 j 03:25	23°♍19'06	
inferior conj	-3571 Oct 11 j 12:42	21°♍25'17	0°28'29
minimum elong	-3571 Oct 11 j 12:03	21°♍27'34	0°28'14
min. Earth dist.	-3571 Oct 11 j 12:29	21°♍26'04	0.67430 AU
morning rise	-3571 Oct 16 j 18:52	15°♍11'34	
direct	-3571 Oct 21 j 09:17	13°♍18'45	
morning max el	-3571 Oct 30 j 22:05	18°♍58'49	22°24'01
	-3571 Nov 09 j 01:50	0°♎	
desc. node	-3571 Nov 21 j 07:52	17°♎29'29	
	-3571 Nov 29 j 10:52	0°♏	
morning set	-3571 Dec 03 j 06:41	6°♏07'29	
max. Earth dist.	-3571 Dec 08 j 18:37	15°♏13'16	1.40773 AU
superior conj	-3571 Dec 16 j 12:53	28°♏43'35	-1°55'09
minimum elong	-3571 Dec 16 j 11:55	28°♏39'18	1°55'16
	-3571 Dec 17 j 05:53	0°♐	
evening rise	-3571 Dec 26 j 15:05	17°♐21'42	
	-3570 Jan 02 j 12:18	0°♑	
asc. node	-3570 Jan 06 j 02:27	5°♑57'03	
evening max el	-3570 Jan 11 j 21:41	13°♑24'42	18°18'14
retrograde	-3570 Jan 19 j 02:12	16°♑59'33	
evening set	-3570 Jan 21 j 15:51	16°♑33'12	
inferior conj	-3570 Jan 28 j 18:38	11°♑51'12	3°56'16
minimum elong	-3570 Jan 28 j 20:14	11°♑47'45	3°56'02
min. Earth dist.	-3570 Feb 01 j 03:01	9°♑00'19	0.59673 AU
morning rise	-3570 Feb 04 j 22:43	6°♑18'14	
direct	-3570 Feb 11 j 11:17	4°♑23'31	
desc. node	-3570 Feb 17 j 07:09	5°♑48'53	
morning max el	-3570 Feb 25 j 16:55	12°♑01'37	27°06'40
	-3570 Mar 11 j 19:56	0°♒	
morning set	-3570 Mar 28 j 09:51	0°♓06'33	
	-3570 Mar 28 j 08:36	0°♓	
max. Earth dist.	-3570 Apr 04 j 03:39	14°♓35'03	1.32543 AU
asc. node	-3570 Apr 04 j 01:53	14°♓25'21	
superior conj	-3570 Apr 04 j 12:07	15°♓21'21	0°04'29
minimum elong	-3570 Apr 04 j 11:55	15°♓20'16	0°04'24
behind sun begin	-3570 Apr 04 j 07:05	14°♓53'49	
behind sun end	-3570 Apr 04 j 16:44	15°♓46'42	
evening rise	-3570 Apr 11 j 11:19	0°♈24'29	
	-3570 Apr 11 j 06:40	0°♈	
	-3570 Apr 27 j 18:47	0°♉	
evening max el	-3570 May 09 j 21:00	14°♉59'31	26°02'28
desc. node	-3570 May 16 j 05:55	19°♉56'22	
retrograde	-3570 May 23 j 23:00	22°♉15'49	
evening set	-3570 May 29 j 23:51	20°♉46'36	
min. Earth dist.	-3570 Jun 03 j 09:35	18°♉04'07	0.58973 AU
inferior conj	-3570 Jun 06 j 18:12	15°♉32'52	-4°17'37
minimum elong	-3570 Jun 06 j 16:26	15°♉36'11	4°17'25
morning rise	-3570 Jun 14 j 11:35	11°♉05'37	
direct	-3570 Jun 16 j 23:47	10°♉44'20	
morning max el	-3570 Jun 24 j 21:11	14°♉29'21	18°31'45
asc. node	-3570 Jul 01 j 01:24	22°♉16'45	
	-3570 Jul 05 j 15:17	0°♊	
morning set	-3570 Jul 11 j 02:13	10°♊15'37	
superior conj	-3570 Jul 20 j 02:51	27°♊29'10	1°48'32
minimum elong	-3570 Jul 20 j 03:41	27°♊32'59	1°48'40
	-3570 Jul 21 j 11:28	0°♋	
max. Earth dist.	-3570 Jul 27 j 09:23	10°♋35'51	1.39885 AU
evening rise	-3570 Jul 31 j 16:53	17°♋58'14	
	-3570 Aug 08 j 02:48	0°♌	
desc. node	-3570 Aug 12 j 05:04	6°♌19'16	
	-3570 Aug 29 j 05:00	0°♍	
evening max el	-3570 Sep 04 j 16:20	7°♍18'55	23°42'10
retrograde	-3570 Sep 15 j 08:15	13°♍36'49	
evening set	-3570 Sep 20 j 11:32	11°♍27'13	
inferior conj	-3570 Sep 25 j 19:13	5°♍07'57	-0°25'05
minimum elong	-3570 Sep 25 j 19:48	5°♍05'57	0°24'46
min. Earth dist.	-3570 Sep 25 j 08:46	5°♍43'39	0.67393 AU
asc. node	-3570 Sep 27 j 00:30	3°♍29'02	
	-3570 Sep 29 j 23:42	30°℞♌	
morning rise	-3570 Oct 01 j 04:01	28°♌58'22	
direct	-3570 Oct 05 j 04:52	27°♌26'35	
	-3570 Oct 11 j 00:19	0°♍	
morning max el	-3570 Oct 13 j 15:24	2°♍24'27	21°03'38
	-3570 Nov 03 j 00:32	0°♎	
desc. node	-3570 Nov 08 j 04:49	7°♎52'08	
morning set	-3570 Nov 12 j 14:14	14°♎40'37	
max. Earth dist.	-3570 Nov 20 j 22:38	28°♎00'05	1.42625 AU
	-3570 Nov 22 j 03:57	0°♏	
superior conj	-3570 Nov 27 j 21:47	9°♏35'03	-1°44'26
minimum elong	-3570 Nov 27 j 17:00	9°♏14'46	1°44'12
evening rise	-3570 Dec 09 j 12:11	29°♏55'01	
	-3570 Dec 09 j 13:18	0°♐	
asc. node	-3570 Dec 23 j 23:30	23°♐47'44	
evening max el	-3570 Dec 26 j 08:25	26°♐29'13	18°07'53
retrograde	-3569 Jan 02 j 00:39	29°♐56'56	
evening set	-3569 Jan 04 j 17:25	29°♐22'55	
inferior conj	-3569 Jan 11 j 07:26	24°♐19'41	4°00'42
minimum elong	-3569 Jan 11 j 06:31	24°♐21'57	4°00'32
min. Earth dist.	-3569 Jan 14 j 06:51	21°♐25'20	0.61676 AU
morning rise	-3569 Jan 17 j 18:26	18°♐31'32	
direct	-3569 Jan 24 j 18:31	16°♐03'29	
desc. node	-3569 Feb 04 j 04:14	20°♐33'43	
morning max el	-3569 Feb 07 j 19:28	23°♐47'58	27°40'05
	-3569 Feb 13 j 10:25	0°♑	
	-3569 Mar 05 j 00:41	0°♒	
morning set	-3569 Mar 12 j 15:23	14°♒45'14	
max. Earth dist.	-3569 Mar 18 j 15:08	27°♒24'10	1.32721 AU
superior conj	-3569 Mar 19 j 22:54	0°♓16'31	-0°20'49
minimum elong	-3569 Mar 19 j 23:50	0°♓21'38	0°20'41
	-3569 Mar 19 j 19:52	0°♓	
asc. node	-3569 Mar 21 j 22:53	4°♓37'48	
evening rise	-3569 Mar 26 j 22:33	15°♓21'47	
	-3569 Apr 03 j 07:14	0°♈	
evening max el	-3569 Apr 21 j 14:18	25°♈59'17	24°41'06
	-3569 Apr 26 j 12:58	0°♉	
desc. node	-3569 May 03 j 03:01	2°♉49'47	
retrograde	-3569 May 05 j 13:56	3°♉03'45	
evening set	-3569 May 10 j 08:26	2°♉12'01	
	-3569 May 14 j 20:55	30°℞♈	
min. Earth dist.	-3569 May 16 j 02:23	29°♈14'35	0.57089 AU
inferior conj	-3569 May 18 j 22:58	27°♈22'40	-3°43'02
minimum elong	-3569 May 18 j 17:47	27°♈31'11	3°42'02
morning rise	-3569 May 27 j 06:14	23°♈14'32	
direct	-3569 May 29 j 17:56	22°♈57'06	
morning max el	-3569 Jun 07 j 21:56	27°♈13'02	19°19'51
	-3569 Jun 10 j 12:58	0°♉	
asc. node	-3569 Jun 17 j 22:26	11°♉00'40	
morning set	-3569 Jun 25 j 00:43	24°♉28'01	
	-3569 Jun 27 j 19:12	0°♊	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3569 Jul 03 j 06:22	10°♊49'53	1°47'03	
minimum elong	-3569 Jul 03 j 05:11	10°♊44'05	1°47'09	
max. Earth dist.	-3569 Jul 09 j 10:58	22°♊34'17	1.37940 AU	
evening rise	-3569 Jul 13 j 07:30	29°♊30'53		
	-3569 Jul 13 j 14:06	0°♋		
desc. node	-3569 Jul 30 j 02:04	26°♋35'27		
	-3569 Aug 01 j 10:25	0°♌		
evening max el	-3569 Aug 18 j 03:17	20°♌48'59	25°00'37	
retrograde	-3569 Aug 29 j 20:31	27°♌38'08		
evening set	-3569 Sep 04 j 14:44	25°♌10'31		
min. Earth dist.	-3569 Sep 09 j 03:03	20°♌02'14	0.67050 AU	
inferior conj	-3569 Sep 10 j 00:09	18°♌52'32	-1°18'34	
minimum elong	-3569 Sep 10 j 02:00	18°♌46'25	1°17'44	
asc. node	-3569 Sep 13 j 21:36	14°♌13'04		
morning rise	-3569 Sep 15 j 13:19	12°♌50'07		
direct	-3569 Sep 19 j 02:39	11°♌36'53		
morning max el	-3569 Sep 26 j 15:55	15°♌58'52	19°54'29	
	-3569 Oct 07 j 10:36	0°♍		
morning set	-3569 Oct 22 j 12:17	22°♍53'33		
desc. node	-3569 Oct 26 j 01:45	28°♍25'47		
	-3569 Oct 27 j 01:53	0°♎		
max. Earth dist.	-3569 Nov 03 j 09:47	11°♎33'42	1.44011 AU	
superior conj	-3569 Nov 08 j 03:21	19°♎09'52	-1°17'07	
minimum elong	-3569 Nov 07 j 20:13	18°♎40'57	1°16'25	
	-3569 Nov 14 j 17:41	0°♏		
evening rise	-3569 Nov 21 j 15:04	11°♏37'25		
	-3569 Dec 02 j 14:21	0°♐		
evening max el	-3569 Dec 09 j 21:06	9°♐46'38	18°16'42	
asc. node	-3569 Dec 10 j 20:35	10°♐42'42		
retrograde	-3569 Dec 16 j 10:03	13°♐18'53		
evening set	-3569 Dec 19 j 06:40	12°♐35'54		
inferior conj	-3569 Dec 25 j 10:39	7°♐12'48	3°44'42	
minimum elong	-3569 Dec 25 j 08:09	7°♐19'41	3°44'11	
min. Earth dist.	-3569 Dec 27 j 20:08	4°♐35'10	0.63489 AU	
morning rise	-3569 Dec 31 j 09:00	1°♐14'12		
	-3568 Jan 02 j 03:33	30°℞♏		
direct	-3568 Jan 07 j 09:48	28°♏26'52		
	-3568 Jan 13 j 02:22	0°♐		
morning max el	-3568 Jan 21 j 02:43	6°♐11'41	27°37'07	
desc. node	-3568 Jan 22 j 01:18	7°♐08'43		
	-3568 Feb 08 j 07:47	0°♑		
morning set	-3568 Feb 24 j 14:23	29°♑00'20		
	-3568 Feb 25 j 02:19	0°♒		
max. Earth dist.	-3568 Feb 29 j 20:49	9°♒50'03	1.33284 AU	
superior conj	-3568 Mar 03 j 07:01	14°♒59'36	-0°45'51	
minimum elong	-3568 Mar 03 j 09:03	15°♒10'28	0°45'33	
asc. node	-3568 Mar 07 j 19:54	24°♒45'00		
evening rise	-3568 Mar 10 j 10:09	0°♓15'48		
	-3568 Mar 10 j 07:08	0°♓		
	-3568 Mar 27 j 09:09	0°♈		
evening max el	-3568 Apr 02 j 06:23	6°♈41'41	23°07'36	
retrograde	-3568 Apr 15 j 15:50	13°♈18'10		
evening set	-3568 Apr 19 j 02:36	12°♈52'10		
desc. node	-3568 Apr 19 j 00:09	12°♈53'40		
min. Earth dist.	-3568 Apr 26 j 16:52	9°♈28'28	0.55717 AU	
inferior conj	-3568 Apr 28 j 08:22	8°♈30'44	-2°27'49	
minimum elong	-3568 Apr 28 j 02:36	8°♈39'12	2°26'07	
morning rise	-3568 May 07 j 05:00	4°♈33'16		
direct	-3568 May 09 j 18:01	4°♈17'38		
morning max el	-3568 May 20 j 12:37	9°♈18'39	20°28'13	
asc. node	-3568 Jun 03 j 19:27	0°♉16'00		
	-3568 Jun 03 j 16:06	0°♉		
morning set	-3568 Jun 08 j 05:47	9°♉02'57		
superior conj	-3568 Jun 15 j 22:18	24°♉49'53	1°37'55	
minimum elong	-3568 Jun 15 j 19:59	24°♉38'08	1°37'51	
	-3568 Jun 18 j 12:05	0°♊		
max. Earth dist.	-3568 Jun 20 j 17:17	4°♊21'12	1.36180 AU	
evening rise	-3568 Jun 24 j 20:07	12°♊09'53		
	-3568 Jul 05 j 02:12	0°♋		
desc. node	-3568 Jul 15 j 23:05	16°♋31'18		
	-3568 Jul 26 j 11:36	0°♌		
evening max el	-3568 Jul 30 j 14:20	4°♌21'13	26°08'54	
retrograde	-3568 Aug 12 j 04:01	11°♌30'48		
evening set	-3568 Aug 18 j 12:41	8°♌49'16		
min. Earth dist.	-3568 Aug 22 j 16:48	4°♌18'42	0.66380 AU	
inferior conj	-3568 Aug 24 j 01:41	2°♌35'58	-2°10'16	
minimum elong	-3568 Aug 24 j 04:39	2°♌26'41	2°09'04	
	-3568 Aug 26 j 05:22	30°℞♋		
morning rise	-3568 Aug 29 j 20:48	26°♋44'03		
asc. node	-3568 Aug 30 j 18:43	26°♋15'33		
direct	-3568 Sep 02 j 00:56	25°♋46'12		
morning max el	-3568 Sep 08 j 23:13	29°♋40'42	18°59'42	
	-3568 Sep 09 j 06:41	0°♌		
	-3568 Sep 29 j 19:52	0°♍		
morning set	-3568 Oct 01 j 00:20	1°♍52'21		
desc. node	-3568 Oct 11 j 22:41	19°♍06'03		
max. Earth dist.	-3568 Oct 16 j 02:20	25°♍38'26	1.44757 AU	
superior conj	-3568 Oct 17 j 09:24	27°♍41'00	-0°34'12	
minimum elong	-3568 Oct 17 j 05:01	27°♍23'44	0°33'38	
	-3568 Oct 18 j 20:35	0°♎		
evening rise	-3568 Nov 01 j 19:07	22°♎19'25		
	-3568 Nov 06 j 12:26	0°♏		
evening max el	-3568 Nov 22 j 08:58	23°♏10'15	18°43'40	
asc. node	-3568 Nov 26 j 17:41	26°♏26'21		
retrograde	-3568 Nov 29 j 02:28	26°♏57'04		
evening set	-3568 Dec 02 j 04:18	26°♏03'27		
inferior conj	-3568 Dec 08 j 00:34	20°♏22'46	3°14'42	
minimum elong	-3568 Dec 07 j 21:27	20°♏32'07	3°13'51	
min. Earth dist.	-3568 Dec 09 j 19:07	18°♏14'37	0.64973 AU	
morning rise	-3568 Dec 13 j 14:16	14°♏16'29		
direct	-3568 Dec 20 j 07:38	11°♏25'17		
morning max el	-3567 Jan 02 j 12:08	19°♏02'39	27°01'03	
desc. node	-3567 Jan 07 j 22:21	25°♏01'43		
	-3567 Jan 11 j 21:05	0°♐		
	-3567 Jan 31 j 06:50	0°♑		
morning set	-3567 Feb 07 j 03:42	12°♑41'27		
max. Earth dist.	-3567 Feb 11 j 17:06	21°♑43'00	1.34268 AU	
superior conj	-3567 Feb 15 j 10:26	29°♑23'45	-1°09'33	
minimum elong	-3567 Feb 15 j 13:19	29°♑38'49	1°09'12	
	-3567 Feb 15 j 17:22	0°♒		
evening rise	-3567 Feb 22 j 20:19	15°♒00'07		
asc. node	-3567 Feb 22 j 16:57	14°♒42'35		
	-3567 Mar 02 j 12:16	0°♓		
evening max el	-3567 Mar 15 j 03:18	17°♓33'27	21°35'54	
retrograde	-3567 Mar 27 j 07:09	23°♓25'13		
evening set	-3567 Mar 29 j 20:57	23°♓10'16		
desc. node	-3567 Apr 05 j 21:17	20°♓25'42		
inferior conj	-3567 Apr 08 j 05:05	19°♓08'33	-0°38'48	
minimum elong	-3567 Apr 08 j 03:16	19°♓11'06	0°38'12	
min. Earth dist.	-3567 Apr 08 j 06:40	19°♓06'20	0.55149 AU	
morning rise	-3567 Apr 17 j 10:04	15°♓06'54		
direct	-3567 Apr 20 j 06:54	14°♓48'46		
morning max el	-3567 May 02 j 16:22	20°♓42'24	21°54'35	
	-3567 May 10 j 10:13	0°♈		
asc. node	-3567 May 21 j 16:30	19°♈54'48		
morning set	-3567 May 23 j 15:09	23°♈53'56		
	-3567 May 26 j 13:02	0°♉		
superior conj	-3567 May 30 j 22:56	9°♉18'19	1°23'12	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3567 May 30 j 20:16	9°♉04'20	1°22'56
max. Earth dist.	-3567 Jun 03 j 08:46	16°♉21'20	1.34737 AU
evening rise	-3567 Jun 08 j 01:24	25°♉40'32	
	-3567 Jun 10 j 07:56	0°♊	
	-3567 Jun 28 j 12:01	0°♋	
desc. node	-3567 Jul 02 j 20:09	5°♋58'07	
evening max el	-3567 Jul 13 j 01:52	17°♋48'46	26°58'55
retrograde	-3567 Jul 26 j 06:18	25°♋08'54	
evening set	-3567 Aug 02 j 02:58	22°♋21'00	
min. Earth dist.	-3567 Aug 05 j 23:41	18°♋28'44	0.65347 AU
inferior conj	-3567 Aug 07 j 21:43	16°♋15'27	-2°58'03
minimum elong	-3567 Aug 08 j 01:27	16°♋04'38	2°56'47
morning rise	-3567 Aug 14 j 00:20	10°♋37'22	
direct	-3567 Aug 16 j 21:34	9°♋51'44	
asc. node	-3567 Aug 17 j 15:48	9°♋54'54	
morning max el	-3567 Aug 23 j 11:32	13°♋27'30	18°21'11
	-3567 Sep 04 j 04:42	0°♌	
morning set	-3567 Sep 11 j 15:03	12°♌10'20	
	-3567 Sep 22 j 14:58	0°♍	
superior conj	-3567 Sep 26 j 09:38	6°♍00'44	0°15'23
minimum elong	-3567 Sep 26 j 11:35	6°♍08'30	0°15'12
behind sun begin	-3567 Sep 26 j 07:31	5°♍52'23	
behind sun end	-3567 Sep 26 j 15:39	6°♍24'37	
desc. node	-3567 Sep 28 j 19:39	9°♍50'11	
max. Earth dist.	-3567 Sep 28 j 20:52	9°♍54'59	1.44777 AU
	-3567 Oct 11 j 16:03	0°♎	
evening rise	-3567 Oct 12 j 22:30	1°♎59'08	
greatest brilliancy	-3567 Oct 23 j 20:54	19°♎00'00	-0.7m
	-3567 Oct 31 j 08:22	0°♏	
evening max el	-3567 Nov 05 j 17:34	6°♏36'18	19°27'27
retrograde	-3567 Nov 12 j 22:39	10°♏46'39	
asc. node	-3567 Nov 13 j 14:48	10°♏44'03	
evening set	-3567 Nov 16 j 07:33	9°♏40'18	
inferior conj	-3567 Nov 21 j 22:05	3°♏45'01	2°35'09
minimum elong	-3567 Nov 21 j 19:07	3°♏54'36	2°34'08
min. Earth dist.	-3567 Nov 23 j 02:53	2°♏12'07	0.66093 AU
	-3567 Nov 24 j 21:48	30°℞♎	
morning rise	-3567 Nov 27 j 06:28	27°♎33'18	
direct	-3567 Dec 03 j 11:20	24°♎50'32	
	-3567 Dec 13 j 14:52	0°♏	
morning max el	-3567 Dec 15 j 21:38	2°♏09'39	25°58'50
desc. node	-3567 Dec 25 j 19:22	13°♏49'57	
	-3566 Jan 06 j 00:48	0°♐	
morning set	-3566 Jan 21 j 03:05	25°♐35'49	
	-3566 Jan 23 j 11:31	0°♑	
max. Earth dist.	-3566 Jan 25 j 01:52	3°♑03'30	1.35696 AU
superior conj	-3566 Jan 30 j 06:39	13°♑21'05	-1°30'26
minimum elong	-3566 Jan 30 j 09:53	13°♑37'24	1°30'11
evening rise	-3566 Feb 07 j 03:08	29°♑28'14	
	-3566 Feb 07 j 09:22	0°♒	
asc. node	-3566 Feb 09 j 13:59	4°♒25'19	
evening max el	-3566 Feb 25 j 09:36	28°♒54'32	20°16'30
	-3566 Feb 26 j 14:45	0°♓	
retrograde	-3566 Mar 07 j 22:06	3°♓54'48	
evening set	-3566 Mar 10 j 04:55	3°♓41'39	
	-3566 Mar 18 j 14:42	30°℞♒	
inferior conj	-3566 Mar 19 j 02:21	29°♒42'41	1°16'30
minimum elong	-3566 Mar 19 j 05:36	29°♒37'52	1°15'21
min. Earth dist.	-3566 Mar 20 j 20:43	28°♒39'48	0.55515 AU
desc. node	-3566 Mar 23 j 18:25	27°♒03'27	
morning rise	-3566 Mar 28 j 04:35	25°♒18'50	
direct	-3566 Mar 31 j 20:49	24°♒49'19	
	-3566 Apr 12 j 18:33	0°♓	
morning max el	-3566 Apr 14 j 11:16	1°♓31'14	23°32'21
	-3566 May 03 j 17:38	0°♈	
morning set	-3566 May 08 j 02:47	8°♈53'32	
asc. node	-3566 May 08 j 13:30	9°♈49'46	
superior conj	-3566 May 15 j 05:19	24°♈05'00	1°04'22
minimum elong	-3566 May 15 j 02:53	23°♈51'58	1°03'59
max. Earth dist.	-3566 May 17 j 09:45	28°♈44'17	1.33663 AU
	-3566 May 18 j 00:06	0°♉	
evening rise	-3566 May 22 j 18:34	9°♉47'52	
	-3566 Jun 02 j 17:05	0°♊	
desc. node	-3566 Jun 19 j 17:15	24°♊42'33	
	-3566 Jun 24 j 12:28	0°♋	
evening max el	-3566 Jun 25 j 12:36	0°♋59'17	27°23'39
retrograde	-3566 Jul 09 j 03:05	8°♋23'02	
evening set	-3566 Jul 16 j 06:32	5°♋40'11	
min. Earth dist.	-3566 Jul 19 j 21:41	2°♋22'47	0.63924 AU
inferior conj	-3566 Jul 22 j 09:43	29°♊45'03	-3°39'09
minimum elong	-3566 Jul 22 j 13:32	29°♊34'59	3°38'10
	-3566 Jul 22 j 04:04	30°℞♊	
morning rise	-3566 Jul 28 j 21:21	24°♊23'58	
direct	-3566 Jul 31 j 13:50	23°♊47'43	
asc. node	-3566 Aug 04 j 12:52	25°♊06'15	
morning max el	-3566 Aug 07 j 02:21	27°♊13'35	18°00'01
	-3566 Aug 09 j 13:03	0°♋	
morning set	-3566 Aug 24 j 08:07	23°♋43'37	
	-3566 Aug 27 j 23:57	0°♌	
superior conj	-3566 Sep 06 j 02:12	15°♌11'41	0°58'56
minimum elong	-3566 Sep 06 j 07:46	15°♌34'27	0°58'22
max. Earth dist.	-3566 Sep 11 j 13:38	24°♌02'37	1.44073 AU
	-3566 Sep 15 j 07:45	0°♍	
desc. node	-3566 Sep 15 j 16:38	0°♍34'58	
evening rise	-3566 Sep 22 j 06:48	10°♍51'13	
	-3566 Oct 04 j 21:22	0°♎	
evening max el	-3566 Oct 19 j 21:02	20°♎02'42	20°26'11
retrograde	-3566 Oct 27 j 20:02	24°♎44'06	
asc. node	-3566 Oct 31 j 11:52	23°♎26'39	
evening set	-3566 Oct 31 j 14:06	23°♎22'39	
inferior conj	-3566 Nov 06 j 00:41	17°♎16'15	1°49'06
minimum elong	-3566 Nov 05 j 22:23	17°♎24'03	1°48'12
min. Earth dist.	-3566 Nov 06 j 17:21	16°♎20'00	0.66861 AU
morning rise	-3566 Nov 11 j 06:28	11°♎01'28	
direct	-3566 Nov 16 j 20:32	8°♎35'15	
morning max el	-3566 Nov 28 j 06:25	15°♎23'14	24°39'36
	-3566 Dec 10 j 07:27	0°♏	
desc. node	-3566 Dec 12 j 16:22	3°♏17'22	
	-3566 Dec 29 j 22:52	0°♐	
morning set	-3565 Jan 03 j 07:01	7°♐27'59	
max. Earth dist.	-3565 Jan 07 j 00:37	14°♐09'23	1.37523 AU
superior conj	-3565 Jan 13 j 16:26	26°♐42'33	-1°46'31
minimum elong	-3565 Jan 13 j 19:07	26°♐55'34	1°46'28
	-3565 Jan 15 j 08:52	0°♑	
evening rise	-3565 Jan 22 j 04:24	13°♑33'35	
asc. node	-3565 Jan 27 j 11:02	23°♑47'22	
	-3565 Jan 30 j 23:15	0°♒	
evening max el	-3565 Feb 08 j 02:34	10°♒52'13	19°14'59
retrograde	-3565 Feb 17 j 00:31	15°♒07'23	
evening set	-3565 Feb 19 j 08:47	14°♒51'02	
inferior conj	-3565 Feb 27 j 13:19	10°♒40'51	2°47'23
minimum elong	-3565 Feb 27 j 18:15	10°♒32'30	2°46'03
min. Earth dist.	-3565 Mar 02 j 11:54	8°♒42'25	0.56731 AU
morning rise	-3565 Mar 08 j 00:59	5°♒46'13	
desc. node	-3565 Mar 10 j 15:31	5°♒03'11	
direct	-3565 Mar 12 j 22:07	4°♒51'00	
morning max el	-3565 Mar 27 j 02:18	12°♒06'14	25°09'41
	-3565 Apr 09 j 20:47	0°♓	
morning set	-3565 Apr 22 j 14:58	23°♓55'44	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3565 Apr 25 j 10:31	29°♓55'43	
	-3565 Apr 25 j 11:19	0°♈	
superior conj	-3565 Apr 29 j 15:12	9°♈02'30	0°42'34
minimum elong	-3565 Apr 29 j 13:25	8°♈52'52	0°42'14
max. Earth dist.	-3565 Apr 30 j 18:13	11°♈29'10	1.32957 AU
evening rise	-3565 May 06 j 20:03	24°♈20'44	
	-3565 May 09 j 15:35	0°♉	
	-3565 May 27 j 09:33	0°♊	
desc. node	-3565 Jun 06 j 14:19	12°♊26'32	
evening max el	-3565 Jun 07 j 20:29	13°♊40'51	27°17'38
retrograde	-3565 Jun 21 j 17:38	21°♊03'44	
evening set	-3565 Jun 28 j 19:34	18°♊40'09	
min. Earth dist.	-3565 Jul 02 j 09:54	15°♊48'15	0.62150 AU
inferior conj	-3565 Jul 05 j 10:41	12°♊58'07	-4°09'17
minimum elong	-3565 Jul 05 j 13:28	12°♊51'35	4°08'49
morning rise	-3565 Jul 12 j 08:44	7°♊56'37	
direct	-3565 Jul 14 j 22:25	7°♊27'25	
morning max el	-3565 Jul 21 j 16:52	10°♊52'26	17°57'03
asc. node	-3565 Jul 22 j 09:55	11°♊35'57	
	-3565 Aug 03 j 10:21	0°♋	
morning set	-3565 Aug 06 j 22:21	6°♋17'30	
superior conj	-3565 Aug 17 j 21:46	25°♋42'49	1°29'02
minimum elong	-3565 Aug 18 j 02:39	26°♋03'43	1°28'43
	-3565 Aug 20 j 10:15	0°♌	
max. Earth dist.	-3565 Aug 25 j 01:43	7°♌43'03	1.42755 AU
evening rise	-3565 Sep 01 j 12:32	19°♌38'56	
desc. node	-3565 Sep 02 j 13:36	21°♌16'59	
	-3565 Sep 08 j 05:36	0°♍	
	-3565 Sep 29 j 15:01	0°♎	
evening max el	-3565 Oct 02 j 18:22	3°♎28'26	21°37'03
retrograde	-3565 Oct 11 j 16:28	8°♎46'18	
evening set	-3565 Oct 15 j 21:58	7°♎07'20	
asc. node	-3565 Oct 18 j 08:57	4°♎40'21	
inferior conj	-3565 Oct 21 j 06:14	0°♎53'20	0°58'45
minimum elong	-3565 Oct 21 j 04:54	0°♎57'55	0°58'12
min. Earth dist.	-3565 Oct 21 j 12:01	0°♎33'21	0.67310 AU
	-3565 Oct 21 j 21:43	30°℞♍	
morning rise	-3565 Oct 26 j 11:40	24°♍38'16	
direct	-3565 Oct 31 j 10:33	22°♍32'42	
morning max el	-3565 Nov 10 j 15:53	28°♍38'53	23°13'12
	-3565 Nov 11 j 22:55	0°♎	
desc. node	-3565 Nov 29 j 13:20	23°♎12'07	
	-3565 Dec 04 j 02:10	0°♏	
morning set	-3565 Dec 15 j 09:13	18°♏01'13	
max. Earth dist.	-3565 Dec 19 j 19:53	25°♏34'36	1.39588 AU
	-3565 Dec 22 j 08:30	0°♐	
superior conj	-3565 Dec 27 j 11:28	9°♐16'13	-1°55'03
minimum elong	-3565 Dec 27 j 12:17	9°♐19'59	1°55'09
evening rise	-3564 Jan 05 j 21:22	27°♐08'39	
	-3564 Jan 07 j 09:07	0°♑	
asc. node	-3564 Jan 14 j 08:03	12°♑41'01	
evening max el	-3564 Jan 22 j 04:35	23°♑21'52	18°33'13
retrograde	-3564 Jan 29 j 20:49	27°♑06'32	
evening set	-3564 Feb 01 j 08:41	26°♑44'10	
inferior conj	-3564 Feb 08 j 20:11	22°♑14'51	3°41'09
minimum elong	-3564 Feb 08 j 23:23	22°♑08'32	3°40'35
min. Earth dist.	-3564 Feb 12 j 05:31	19°♑36'30	0.58525 AU
morning rise	-3564 Feb 16 j 11:44	16°♑53'51	
direct	-3564 Feb 22 j 12:45	15°♑21'12	
desc. node	-3564 Feb 25 j 12:36	15°♑43'35	
morning max el	-3564 Mar 07 j 19:13	22°♑53'41	26°31'45
	-3564 Mar 14 j 03:27	0°♒	
	-3564 Apr 01 j 16:40	0°♓	
morning set	-3564 Apr 06 j 02:01	8°♓54'00	
asc. node	-3564 Apr 11 j 07:32	20°♓07'32	
superior conj	-3564 Apr 13 j 02:44	24°♓03'48	0°18'46
minimum elong	-3564 Apr 13 j 01:54	23°♓59'18	0°18'34
max. Earth dist.	-3564 Apr 13 j 06:50	24°♓26'16	1.32595 AU
	-3564 Apr 15 j 19:59	0°♈	
evening rise	-3564 Apr 20 j 03:01	9°♈09'24	
	-3564 May 01 j 00:57	0°♉	
evening max el	-3564 May 19 j 23:18	25°♉43'47	26°38'50
desc. node	-3564 May 23 j 11:23	28°♉45'05	
	-3564 May 25 j 05:27	0°♊	
retrograde	-3564 Jun 03 j 00:29	3°♊02'56	
evening set	-3564 Jun 09 j 13:53	1°♊11'58	
	-3564 Jun 11 j 12:15	30°℞♉	
min. Earth dist.	-3564 Jun 13 j 12:44	28°♉30'44	0.60145 AU
inferior conj	-3564 Jun 16 j 21:09	25°♉46'35	-4°21'55
minimum elong	-3564 Jun 16 j 21:25	25°♉46'01	4°21'48
morning rise	-3564 Jun 24 j 07:01	21°♉06'27	
direct	-3564 Jun 26 j 19:31	20°♉42'33	
morning max el	-3564 Jul 04 j 04:17	24°♉16'59	18°13'18
asc. node	-3564 Jul 08 j 06:59	29°♉08'48	
	-3564 Jul 08 j 21:27	0°♊	
morning set	-3564 Jul 20 j 04:27	19°♊38'39	
	-3564 Jul 25 j 16:51	0°♋	
superior conj	-3564 Jul 29 j 19:25	7°♋31'57	1°44'56
minimum elong	-3564 Jul 29 j 21:43	7°♋42'24	1°44'58
max. Earth dist.	-3564 Aug 06 j 08:22	20°♋45'07	1.41003 AU
evening rise	-3564 Aug 11 j 10:53	29°♋14'48	
	-3564 Aug 11 j 22:00	0°♌	
desc. node	-3564 Aug 19 j 10:35	11°♌52'53	
	-3564 Aug 31 j 19:05	0°♍	
evening max el	-3564 Sep 14 j 10:10	16°♍55'07	22°55'42
retrograde	-3564 Sep 24 j 10:30	22°♍51'12	
evening set	-3564 Sep 29 j 05:26	20°♍53'00	
asc. node	-3564 Oct 04 j 06:01	14°♍58'35	
inferior conj	-3564 Oct 04 j 12:54	14°♍34'53	0°05'54
minimum elong	-3564 Oct 04 j 12:46	14°♍35'22	0°05'52
transit middle	-3564 Oct 04 j 12:46	14°♍35'22	0°05'52
transit begin	-3564 Oct 04 j 10:14	14°♍44'03	
transit end	-3564 Oct 04 j 15:17	14°♍26'41	
min. Earth dist.	-3564 Oct 04 j 08:25	14°♍50'20	0.67455 AU
morning rise	-3564 Oct 09 j 19:58	8°♍22'28	
direct	-3564 Oct 14 j 04:30	6°♍38'34	
morning max el	-3564 Oct 23 j 05:25	11°♍59'51	21°48'38
	-3564 Nov 06 j 07:32	0°♎	
desc. node	-3564 Nov 15 j 10:19	13°♎26'42	
morning set	-3564 Nov 24 j 06:39	27°♎11'38	
	-3564 Nov 26 j 00:41	0°♏	
max. Earth dist.	-3564 Nov 30 j 19:55	7°♏51'02	1.41612 AU
superior conj	-3564 Dec 08 j 10:30	20°♏49'24	-1°52'29
minimum elong	-3564 Dec 08 j 07:58	20°♏38'19	1°52'29
	-3564 Dec 13 j 14:11	0°♐	
evening rise	-3564 Dec 19 j 02:51	10°♐06'54	
	-3564 Dec 30 j 13:18	0°♑	
asc. node	-3564 Dec 31 j 05:05	0°♑57'42	
evening max el	-3563 Jan 04 j 12:59	6°♑16'03	18°11'25
retrograde	-3563 Jan 11 j 10:50	9°♑45'53	
evening set	-3563 Jan 14 j 01:56	9°♑16'15	
inferior conj	-3563 Jan 20 j 22:55	4°♑25'03	4°01'08
minimum elong	-3563 Jan 20 j 23:21	4°♑24'02	4°00'59
min. Earth dist.	-3563 Jan 24 j 04:27	1°♑30'02	0.60545 AU
	-3563 Jan 26 j 00:29	30°℞♐	
morning rise	-3563 Jan 27 j 19:15	28°♐45'14	
direct	-3563 Feb 03 j 14:21	26°♐34'58	
desc. node	-3563 Feb 11 j 09:41	29°♐08'08	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3563 Feb 12 j 17:03	0°♉		
morning max el	-3563 Feb 17 j 17:57	4°♉15'35	27°25'18	
	-3563 Mar 08 j 19:05	0°♒		
morning set	-3563 Mar 21 j 10:09	23°♒41'43		
	-3563 Mar 24 j 10:04	0°♓		
max. Earth dist.	-3563 Mar 27 j 19:58	7°♓22'51	1.32576 AU	
superior conj	-3563 Mar 28 j 14:15	9°♓02'43	-0°06'15	
minimum elong	-3563 Mar 28 j 14:32	9°♓04'15	0°06'14	
behind sun begin	-3563 Mar 28 j 09:53	8°♓38'49		
behind sun end	-3563 Mar 28 j 19:11	9°♓29'41		
asc. node	-3563 Mar 29 j 04:32	10°♓20'48		
evening rise	-3563 Apr 04 j 13:16	24°♓05'41		
	-3563 Apr 07 j 09:58	0°♈		
	-3563 Apr 25 j 12:02	0°♉		
evening max el	-3563 May 01 j 19:45	7°♉04'13	25°30'20	
desc. node	-3563 May 10 j 08:29	13°♉04'14		
retrograde	-3563 May 15 j 21:28	14°♉16'03		
evening set	-3563 May 21 j 10:25	13°♉03'41		
min. Earth dist.	-3563 May 26 j 08:02	10°♉16'36	0.58130 AU	
inferior conj	-3563 May 29 j 13:28	8°♉00'02	-4°07'39	
minimum elong	-3563 May 29 j 10:07	8°♉05'59	4°07'12	
morning rise	-3563 Jun 06 j 12:36	3°♉41'16		
direct	-3563 Jun 09 j 00:42	3°♉21'38		
morning max el	-3563 Jun 17 j 09:40	7°♉17'56	18°49'42	
asc. node	-3563 Jun 25 j 04:02	17°♉30'13		
	-3563 Jul 02 j 01:40	0°♊		
morning set	-3563 Jul 03 j 21:59	3°♊35'11		
superior conj	-3563 Jul 12 j 13:40	20°♊23'56	1°48'59	
minimum elong	-3563 Jul 12 j 13:32	20°♊23'17	1°49'08	
	-3563 Jul 17 j 17:45	0°♋		
max. Earth dist.	-3563 Jul 19 j 11:05	3°♋05'46	1.39053 AU	
evening rise	-3563 Jul 23 j 10:50	10°♋04'09		
	-3563 Aug 04 j 19:03	0°♌		
desc. node	-3563 Aug 06 j 07:35	2°♌17'55		
	-3563 Aug 27 j 12:47	0°♍		
evening max el	-3563 Aug 27 j 22:12	0°♍23'35	24°16'12	
retrograde	-3563 Sep 08 j 00:59	6°♍55'05		
evening set	-3563 Sep 13 j 10:43	4°♍37'27		
	-3563 Sep 17 j 12:44	30°℞♌		
min. Earth dist.	-3563 Sep 18 j 04:04	29°♌08'47	0.67296 AU	
inferior conj	-3563 Sep 18 j 18:58	28°♌18'33	-0°47'51	
minimum elong	-3563 Sep 18 j 20:05	28°♌14'45	0°47'19	
asc. node	-3563 Sep 21 j 03:08	25°♌16'05		
morning rise	-3563 Sep 24 j 05:26	22°♌11'50		
direct	-3563 Sep 28 j 01:13	20°♌48'13		
morning max el	-3563 Oct 06 j 01:45	25°♌29'15	20°32'35	
	-3563 Oct 10 j 00:30	0°♍		
	-3563 Oct 30 j 18:21	0°♎		
desc. node	-3563 Nov 02 j 07:17	3°♎54'43		
morning set	-3563 Nov 03 j 07:20	5°♎27'53		
max. Earth dist.	-3563 Nov 13 j 03:43	21°♎01'47	1.43293 AU	
	-3563 Nov 18 j 15:29	0°♏		
superior conj	-3563 Nov 19 j 07:59	1°♏08'27	-1°34'56	
minimum elong	-3563 Nov 19 j 01:47	0°♏42'40	1°34'30	
evening rise	-3563 Dec 01 j 16:46	22°♏19'53		
	-3563 Dec 06 j 01:46	0°♐		
asc. node	-3563 Dec 18 j 02:07	18°♐26'24		
evening max el	-3563 Dec 19 j 00:53	19°♐26'52	18°09'18	
retrograde	-3563 Dec 25 j 14:37	22°♐55'16		
evening set	-3563 Dec 28 j 08:57	22°♐17'29		
inferior conj	-3562 Jan 03 j 18:21	17°♐05'13	3°55'59	
minimum elong	-3562 Jan 03 j 16:38	17°♐09'40	3°55'41	
min. Earth dist.	-3562 Jan 06 j 11:59	14°♐16'15	0.62482 AU	
morning rise	-3562 Jan 09 j 23:26	11°♐12'12		
direct	-3562 Jan 17 j 00:53	8°♐34'27		
desc. node	-3562 Jan 29 j 06:46	14°♐44'31		
morning max el	-3562 Jan 30 j 22:54	16°♐19'15	27°43'18	
	-3562 Feb 11 j 06:59	0°♉		
	-3562 Mar 01 j 09:23	0°♒		
morning set	-3562 Mar 05 j 13:16	8°♒11'53		
max. Earth dist.	-3562 Mar 11 j 05:43	20°♒05'07	1.32913 AU	
superior conj	-3562 Mar 13 j 00:09	23°♒53'43	-0°31'31	
minimum elong	-3562 Mar 13 j 01:34	24°♒01'24	0°31'18	
	-3562 Mar 15 j 19:41	0°♓		
asc. node	-3562 Mar 16 j 01:32	0°♓31'44		
evening rise	-3562 Mar 20 j 00:55	9°♓02'53		
	-3562 Mar 31 j 00:01	0°♈		
evening max el	-3562 Apr 13 j 11:44	17°♈53'14	24°01'56	
retrograde	-3562 Apr 27 j 06:45	24°♈48'13		
desc. node	-3562 Apr 27 j 05:36	24°♈48'12		
evening set	-3562 May 01 j 11:31	24°♈09'01		
min. Earth dist.	-3562 May 07 j 23:13	21°♈02'02	0.56422 AU	
inferior conj	-3562 May 10 j 09:39	19°♈31'45	-3°16'14	
minimum elong	-3562 May 10 j 03:40	19°♈41'02	3°14'47	
morning rise	-3562 May 18 j 22:53	15°♈29'58		
direct	-3562 May 21 j 10:52	15°♈13'37		
morning max el	-3562 May 31 j 06:23	19°♈46'36	19°46'38	
	-3562 Jun 08 j 06:28	0°♉		
asc. node	-3562 Jun 12 j 01:07	6°♉28'53		
morning set	-3562 Jun 17 j 23:38	17°♉58'31		
	-3562 Jun 23 j 22:19	0°♊		
superior conj	-3562 Jun 25 j 23:04	4°♊03'30	1°43'59	
minimum elong	-3562 Jun 25 j 21:18	3°♊54'43	1°44'01	
max. Earth dist.	-3562 Jul 01 j 14:07	14°♊56'54	1.37157 AU	
evening rise	-3562 Jul 05 j 11:28	22°♊06'45		
	-3562 Jul 09 j 23:14	0°♋		
desc. node	-3562 Jul 24 j 04:35	22°♋26'40		
	-3562 Jul 29 j 14:38	0°♌		
evening max el	-3562 Aug 10 j 08:52	13°♌54'42	25°31'14	
retrograde	-3562 Aug 22 j 11:18	20°♌53'56		
evening set	-3562 Aug 28 j 11:58	18°♌19'22		
min. Earth dist.	-3562 Sep 01 j 20:38	13°♌27'11	0.66815 AU	
inferior conj	-3562 Sep 02 j 22:41	12°♌02'57	-1°40'50	
minimum elong	-3562 Sep 03 j 01:02	11°♌55'20	1°39'48	
asc. node	-3562 Sep 08 j 00:16	6°♌29'28		
morning rise	-3562 Sep 08 j 14:13	6°♌04'53		
direct	-3562 Sep 11 j 23:20	4°♌58'45		
morning max el	-3562 Sep 19 j 05:27	9°♌07'47	19°29'16	
	-3562 Oct 04 j 09:25	0°♍		
morning set	-3562 Oct 13 j 08:51	13°♍53'55		
desc. node	-3562 Oct 20 j 04:13	24°♍31'46		
	-3562 Oct 23 j 15:49	0°♎		
max. Earth dist.	-3562 Oct 26 j 17:37	4°♎51'22	1.44415 AU	
superior conj	-3562 Oct 30 j 02:15	10°♎12'00	-1°00'27	
minimum elong	-3562 Oct 29 j 19:33	9°♎45'14	0°59'42	
	-3562 Nov 11 j 06:05	0°♏		
evening rise	-3562 Nov 13 j 10:28	3°♏37'56		
	-3562 Nov 30 j 03:16	0°♐		
evening max el	-3562 Dec 02 j 13:27	2°♐47'12	18°26'00	
asc. node	-3562 Dec 04 j 23:13	4°♐53'03		
retrograde	-3562 Dec 09 j 03:37	6°♐24'57		
evening set	-3562 Dec 12 j 02:09	5°♐37'47		
inferior conj	-3562 Dec 18 j 02:34	0°♐06'41	3°33'22	
minimum elong	-3562 Dec 17 j 23:42	0°♐14'55	3°32'43	
	-3562 Dec 18 j 04:54	30°℞♏		
min. Earth dist.	-3562 Dec 20 j 05:37	27°♏40'26	0.64158 AU	
morning rise	-3562 Dec 23 j 20:45	24°♏04'15		
direct	-3562 Dec 30 j 19:00	21°♏13'35		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3561 Jan 13 j 07:39	28°♏57'05	27°25'32
	-3561 Jan 14 j 08:28	0°♐	
desc. node	-3561 Jan 16 j 03:49	1°♐56'16	
	-3561 Feb 05 j 02:32	0°♑	
morning set	-3561 Feb 17 j 08:35	22°♑14'15	
	-3561 Feb 21 j 05:07	0°♒	
max. Earth dist.	-3561 Feb 22 j 07:55	2°♒18'29	1.33645 AU
superior conj	-3561 Feb 25 j 06:30	8°♒29'31	-0°56'09
minimum elong	-3561 Feb 25 j 08:56	8°♒42'26	0°55'49
asc. node	-3561 Mar 02 j 22:33	20°♒35'22	
evening rise	-3561 Mar 04 j 12:07	23°♒53'28	
	-3561 Mar 07 j 11:25	0°♓	
evening max el	-3561 Mar 26 j 04:55	28°♓35'38	22°27'36
	-3561 Mar 27 j 18:17	0°♈	
retrograde	-3561 Apr 08 j 03:56	4°♈55'39	
evening set	-3561 Apr 11 j 03:48	4°♈35'56	
desc. node	-3561 Apr 14 j 02:45	3°♈41'02	
min. Earth dist.	-3561 Apr 19 j 13:19	0°♈56'55	0.55359 AU
inferior conj	-3561 Apr 20 j 12:19	0°♈24'10	-1°44'27
minimum elong	-3561 Apr 20 j 07:45	0°♈30'41	1°42'59
	-3561 Apr 21 j 05:19	30°♓℞	
morning rise	-3561 Apr 29 j 13:31	26°♓27'16	
direct	-3561 May 02 j 04:25	26°♓11'29	
	-3561 May 11 j 20:26	0°♈	
morning max el	-3561 May 13 j 16:31	1°♈34'44	21°03'08
asc. node	-3561 May 29 j 22:09	25°♈54'49	
	-3561 May 31 j 23:17	0°♉	
morning set	-3561 Jun 02 j 06:45	2°♉40'38	
superior conj	-3561 Jun 09 j 19:06	18°♉16'49	1°32'16
minimum elong	-3561 Jun 09 j 16:33	18°♉03'41	1°32'06
max. Earth dist.	-3561 Jun 13 j 23:30	26°♉44'40	1.35515 AU
	-3561 Jun 15 j 15:15	0°♊	
evening rise	-3561 Jun 18 j 07:45	5°♊09'14	
	-3561 Jul 02 j 18:19	0°♋	
desc. node	-3561 Jul 11 j 01:39	12°♋11'38	
evening max el	-3561 Jul 23 j 19:58	27°♋25'33	26°32'51
	-3561 Jul 26 j 16:20	0°♌	
retrograde	-3561 Aug 05 j 16:54	4°♌41'41	
evening set	-3561 Aug 12 j 07:02	1°♌56'07	
	-3561 Aug 14 j 07:21	30°℞♋	
min. Earth dist.	-3561 Aug 16 j 07:46	27°♋41'59	0.65981 AU
inferior conj	-3561 Aug 17 j 22:10	25°♋45'29	-2°31'12
minimum elong	-3561 Aug 18 j 01:31	25°♋35'18	2°29'55
morning rise	-3561 Aug 23 j 20:18	19°♋59'07	
asc. node	-3561 Aug 25 j 21:23	19°♋12'34	
direct	-3561 Aug 26 j 21:06	19°♋07'03	
morning max el	-3561 Sep 02 j 15:13	22°♋52'53	18°41'16
	-3561 Sep 08 j 08:02	0°♌	
morning set	-3561 Sep 23 j 07:39	23°♌25'28	
	-3561 Sep 27 j 10:19	0°♍	
desc. node	-3561 Oct 07 j 01:10	15°♍14'34	
superior conj	-3561 Oct 09 j 03:09	18°♍31'30	-0°13'15
minimum elong	-3561 Oct 09 j 01:24	18°♍24'37	0°12'58
behind sun begin	-3561 Oct 08 j 18:24	17°♍56'59	
behind sun end	-3561 Oct 09 j 08:25	18°♍52'15	
max. Earth dist.	-3561 Oct 09 j 11:00	19°♍02'25	1.44851 AU
	-3561 Oct 16 j 09:54	0°♎	
evening rise	-3561 Oct 25 j 04:02	13°♎53'42	
	-3561 Nov 04 j 07:04	0°♏	
evening max el	-3561 Nov 16 j 00:13	16°♏12'51	19°00'20
asc. node	-3561 Nov 21 j 20:19	20°♏02'26	
retrograde	-3561 Nov 22 j 21:59	20°♏08'52	
evening set	-3561 Nov 26 j 02:29	19°♏10'19	
inferior conj	-3561 Dec 01 j 20:06	13°♏23'13	2°58'53
minimum elong	-3561 Dec 01 j 16:59	13°♏32'57	2°57'56
min. Earth dist.	-3561 Dec 03 j 08:43	11°♏29'19	0.65494 AU
morning rise	-3561 Dec 07 j 07:09	7°♏14'10	
direct	-3561 Dec 13 j 19:40	4°♏24'58	
morning max el	-3561 Dec 26 j 17:20	11°♏56'53	26°37'10
desc. node	-3560 Jan 03 j 00:51	20°♏15'37	
	-3560 Jan 10 j 06:13	0°♐	
	-3560 Jan 28 j 16:01	0°♑	
morning set	-3560 Jan 31 j 16:33	5°♑37'36	
max. Earth dist.	-3560 Feb 04 j 23:07	13°♑55'40	1.34820 AU
superior conj	-3560 Feb 09 j 07:11	22°♑43'30	-1°18'51
minimum elong	-3560 Feb 09 j 10:17	22°♑59'32	1°18'33
	-3560 Feb 12 j 19:02	0°♒	
evening rise	-3560 Feb 16 j 21:04	8°♒31'31	
asc. node	-3560 Feb 17 j 19:34	10°♒27'13	
	-3560 Feb 28 j 12:00	0°♓	
evening max el	-3560 Mar 07 j 05:31	9°♓38'31	21°00'11
retrograde	-3560 Mar 18 j 17:27	15°♓08'04	
evening set	-3560 Mar 21 j 02:30	14°♓54'52	
inferior conj	-3560 Mar 30 j 07:26	10°♓56'45	0°11'26
minimum elong	-3560 Mar 30 j 07:58	10°♓56'00	0°11'11
transit middle	-3560 Mar 30 j 07:58	10°♓56'00	0°11'11
transit begin	-3560 Mar 30 j 05:04	11°♓00'08	
transit end	-3560 Mar 30 j 10:52	10°♓51'53	
desc. node	-3560 Mar 30 j 23:52	10°♓33'21	
min. Earth dist.	-3560 Mar 31 j 03:28	10°♓28'14	0.55192 AU
morning rise	-3560 Apr 08 j 12:45	6°♓47'03	
direct	-3560 Apr 11 j 16:19	6°♓25'25	
morning max el	-3560 Apr 24 j 16:01	12°♓41'43	22°35'19
	-3560 May 07 j 13:47	0°♈	
asc. node	-3560 May 15 j 19:08	15°♈40'51	
morning set	-3560 May 16 j 17:14	17°♈35'20	
	-3560 May 22 j 13:43	0°♉	
superior conj	-3560 May 23 j 22:25	2°♉53'31	1°15'38
minimum elong	-3560 May 23 j 19:47	2°♉39'35	1°15'18
max. Earth dist.	-3560 May 26 j 18:55	8°♉52'40	1.34233 AU
evening rise	-3560 May 31 j 18:34	18°♉56'51	
	-3560 Jun 06 j 15:20	0°♊	
	-3560 Jun 25 j 21:12	0°♋	
desc. node	-3560 Jun 26 j 22:44	1°♋22'08	
evening max el	-3560 Jul 05 j 07:27	10°♋47'27	27°13'06
retrograde	-3560 Jul 18 j 17:01	18°♋10'06	
evening set	-3560 Jul 25 j 17:10	15°♋23'03	
min. Earth dist.	-3560 Jul 29 j 11:13	11°♋46'01	0.64777 AU
inferior conj	-3560 Jul 31 j 15:06	9°♋21'25	-3°16'35
minimum elong	-3560 Jul 31 j 18:58	9°♋10'35	3°15'24
morning rise	-3560 Aug 06 j 21:20	3°♋49'57	
direct	-3560 Aug 09 j 16:14	3°♋08'40	
asc. node	-3560 Aug 11 j 18:28	3°♋31'53	
morning max el	-3560 Aug 16 j 04:50	6°♋39'33	18°09'59
	-3560 Aug 31 j 20:43	0°♌	
morning set	-3560 Sep 03 j 10:04	4°♌16'58	
superior conj	-3560 Sep 17 j 08:02	27°♌06'44	0°35'12
minimum elong	-3560 Sep 17 j 12:07	27°♌23'04	0°34'45
	-3560 Sep 19 j 03:25	0°♍	
max. Earth dist.	-3560 Sep 21 j 04:55	3°♍16'38	1.44560 AU
desc. node	-3560 Sep 22 j 22:08	5°♍59'31	
evening rise	-3560 Oct 03 j 21:53	23°♍09'35	
	-3560 Oct 08 j 08:01	0°♎	
greatest brilliancy	-3560 Oct 16 j 19:44	12°♎57'25	-0.7m
evening max el	-3560 Oct 29 j 06:54	29°♎39'53	19°50'47
	-3560 Oct 29 j 14:49	0°♏	
retrograde	-3560 Nov 05 j 18:49	4°♏02'14	
asc. node	-3560 Nov 07 j 17:25	3°♏40'23	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3560 Nov 09 j 07:22	2°♏49'49	
	-3560 Nov 12 j 07:37	30°℞♎	
inferior conj	-3560 Nov 14 j 20:03	26°♎49'40	2°16'16
minimum elong	-3560 Nov 14 j 17:18	26°♎58'42	2°15'16
min. Earth dist.	-3560 Nov 15 j 19:34	25°♎32'11	0.66469 AU
morning rise	-3560 Nov 20 j 03:02	20°♎36'29	
direct	-3560 Nov 26 j 01:55	17°♎59'44	
morning max el	-3560 Dec 08 j 02:13	25°♎06'45	25°26'29
	-3560 Dec 12 j 13:23	0°♏	
desc. node	-3560 Dec 19 j 21:50	9°♏22'12	
	-3559 Jan 02 j 18:01	0°♐	
morning set	-3559 Jan 13 j 08:21	18°♐07'19	
max. Earth dist.	-3559 Jan 17 j 02:44	25°♐04'54	1.36437 AU
	-3559 Jan 19 j 16:32	0°♑	
superior conj	-3559 Jan 22 j 23:24	6°♑27'01	-1°38'00
minimum elong	-3559 Jan 23 j 02:32	6°♑42'35	1°37'50
evening rise	-3559 Jan 31 j 01:46	22°♑50'39	
asc. node	-3559 Feb 03 j 16:35	0°♒01'56	
	-3559 Feb 03 j 16:11	0°♒	
evening max el	-3559 Feb 17 j 16:30	21°♒15'35	19°47'57
retrograde	-3559 Feb 27 j 11:31	25°♒54'35	
evening set	-3559 Mar 01 j 18:36	25°♒40'25	
inferior conj	-3559 Mar 10 j 09:11	21°♒38'15	1°59'18
minimum elong	-3559 Mar 10 j 13:41	21°♒31'15	1°57'52
min. Earth dist.	-3559 Mar 12 j 17:45	20°♒10'31	0.55948 AU
desc. node	-3559 Mar 17 j 20:57	17°♒30'59	
morning rise	-3559 Mar 19 j 06:26	17°♒01'46	
direct	-3559 Mar 23 j 10:41	16°♒22'56	
morning max el	-3559 Apr 06 j 08:16	23°♒20'47	24°14'40
	-3559 Apr 12 j 07:00	0°♓	
	-3559 Apr 29 j 23:08	0°♈	
morning set	-3559 May 01 j 05:17	2°♈37'02	
asc. node	-3559 May 02 j 16:08	5°♈41'20	
superior conj	-3559 May 08 j 06:30	17°♈45'47	0°55'24
minimum elong	-3559 May 08 j 04:18	17°♈33'56	0°55'02
max. Earth dist.	-3559 May 09 j 23:38	21°♈27'02	1.33322 AU
	-3559 May 14 j 01:07	0°♉	
evening rise	-3559 May 15 j 15:41	3°♉16'51	
	-3559 May 30 j 10:13	0°♊	
desc. node	-3559 Jun 13 j 19:48	19°♊43'48	
evening max el	-3559 Jun 17 j 17:31	23°♊48'20	27°25'12
	-3559 Jun 26 j 07:42	0°♋	
retrograde	-3559 Jul 01 j 11:01	1°♋11'15	
	-3559 Jul 06 j 07:24	30°℞♊	
evening set	-3559 Jul 08 j 15:01	28°♊35'10	
min. Earth dist.	-3559 Jul 12 j 05:10	25°♊29'57	0.63206 AU
inferior conj	-3559 Jul 14 j 22:49	22°♊45'27	-3°53'37
minimum elong	-3559 Jul 15 j 02:21	22°♊36'33	3°52'51
morning rise	-3559 Jul 21 j 14:39	17°♊32'08	
direct	-3559 Jul 24 j 05:50	16°♊58'59	
asc. node	-3559 Jul 29 j 15:31	19°♊18'38	
morning max el	-3559 Jul 30 j 19:48	20°♊23'15	17°56'29
	-3559 Aug 07 j 00:13	0°♋	
morning set	-3559 Aug 16 j 12:53	16°♋18'31	
	-3559 Aug 24 j 10:14	0°♌	
superior conj	-3559 Aug 28 j 11:35	6°♌50'19	1°13'30
minimum elong	-3559 Aug 28 j 17:16	7°♌14'01	1°13'00
max. Earth dist.	-3559 Sep 03 j 20:26	17°♌16'35	1.43583 AU
desc. node	-3559 Sep 09 j 19:08	26°♌43'48	
	-3559 Sep 11 j 21:21	0°♍	
evening rise	-3559 Sep 13 j 02:40	1°♍53'51	
	-3559 Oct 01 j 22:44	0°♎	
evening max el	-3559 Oct 12 j 07:54	13°♎06'32	20°55'01
retrograde	-3559 Oct 20 j 15:55	18°♎02'23	
evening set	-3559 Oct 24 j 14:43	16°♎33'34	
asc. node	-3559 Oct 25 j 14:30	15°♎43'17	
inferior conj	-3559 Oct 30 j 00:07	10°♎23'36	1°28'10
minimum elong	-3559 Oct 29 j 22:12	10°♎30'11	1°27'23
min. Earth dist.	-3559 Oct 30 j 12:00	9°♎43'05	0.67098 AU
morning rise	-3559 Nov 04 j 05:31	4°♎08'37	
direct	-3559 Nov 09 j 13:09	1°♎50'59	
morning max el	-3559 Nov 20 j 10:56	8°♎21'13	24°03'09
desc. node	-3559 Dec 06 j 18:49	29°♎02'32	
	-3559 Dec 07 j 10:45	0°♏	
morning set	-3559 Dec 26 j 02:02	29°♏27'32	
	-3559 Dec 26 j 09:35	0°♐	
max. Earth dist.	-3559 Dec 29 j 23:26	6°♐16'33	1.38396 AU
superior conj	-3558 Jan 06 j 03:31	19°♐30'02	-1°51'16
minimum elong	-3558 Jan 06 j 05:36	19°♐39'55	1°51'17
	-3558 Jan 11 j 13:37	0°♑	
evening rise	-3558 Jan 14 j 23:52	6°♑44'25	
asc. node	-3558 Jan 21 j 13:37	19°♑13'04	
	-3558 Jan 28 j 11:30	0°♒	
evening max el	-3558 Jan 31 j 13:33	3°♒27'36	18°54'39
retrograde	-3558 Feb 08 j 21:25	7°♒27'59	
evening set	-3558 Feb 11 j 07:16	7°♒09'13	
inferior conj	-3558 Feb 19 j 04:17	2°♒51'04	3°14'50
minimum elong	-3558 Feb 19 j 08:46	2°♒42'58	3°13'48
min. Earth dist.	-3558 Feb 22 j 09:22	0°♒33'27	0.57446 AU
	-3558 Feb 23 j 05:16	30°℞♑	
morning rise	-3558 Feb 27 j 07:40	27°♑44'31	
direct	-3558 Mar 04 j 17:22	26°♑34'34	
desc. node	-3558 Mar 04 j 18:02	26°♑34'34	
	-3558 Mar 14 j 05:03	0°♒	
morning max el	-3558 Mar 18 j 23:27	3°♒57'55	25°47'29
	-3558 Apr 06 j 16:07	0°♓	
morning set	-3558 Apr 15 j 17:13	17°♓38'46	
asc. node	-3558 Apr 19 j 13:07	25°♓50'26	
	-3558 Apr 21 j 10:56	0°♈	
superior conj	-3558 Apr 22 j 17:17	2°♈45'44	0°32'39
minimum elong	-3558 Apr 22 j 15:53	2°♈38'07	0°32'22
max. Earth dist.	-3558 Apr 23 j 10:31	4°♈19'50	1.32763 AU
evening rise	-3558 Apr 29 j 19:47	17°♈57'37	
	-3558 May 05 j 22:01	0°♉	
	-3558 May 25 j 05:40	0°♊	
evening max el	-3558 May 30 j 23:26	6°♊14'14	27°05'03
desc. node	-3558 May 31 j 16:53	6°♊55'08	
retrograde	-3558 Jun 13 j 22:12	13°♊35'23	
evening set	-3558 Jun 20 j 20:32	11°♊24'06	
min. Earth dist.	-3558 Jun 24 j 12:57	8°♊39'07	0.61319 AU
inferior conj	-3558 Jun 27 j 18:01	5°♊49'01	-4°17'16
minimum elong	-3558 Jun 27 j 19:56	5°♊44'47	4°17'01
morning rise	-3558 Jul 04 j 20:56	0°♊56'37	
direct	-3558 Jul 07 j 10:07	0°♊29'43	
morning max el	-3558 Jul 14 j 09:20	3°♊56'58	18°01'38
asc. node	-3558 Jul 16 j 12:34	6°♊16'59	
morning set	-3558 Jul 30 j 10:25	29°♊13'53	
	-3558 Jul 30 j 20:27	0°♋	
superior conj	-3558 Aug 09 j 18:46	17°♋56'05	1°37'24
minimum elong	-3558 Aug 09 j 22:38	18°♋13'01	1°37'16
	-3558 Aug 16 j 20:12	0°♌	
max. Earth dist.	-3558 Aug 17 j 06:34	0°♌43'08	1.42048 AU
evening rise	-3558 Aug 23 j 13:29	10°♌56'12	
desc. node	-3558 Aug 27 j 16:07	17°♌23'42	
	-3558 Sep 04 j 23:57	0°♍	
evening max el	-3558 Sep 25 j 02:39	26°♍32'09	22°09'50
	-3558 Sep 29 j 01:32	0°♎	
retrograde	-3558 Oct 04 j 11:36	2°♎06'28	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3558 Oct 08 j 22:40	0°♎19'13	
	-3558 Oct 09 j 07:45	30℞♍	
asc. node	-3558 Oct 12 j 11:35	26°♍28'02	
inferior conj	-3558 Oct 14 j 06:22	24°♍02'50	0°36'33
minimum elong	-3558 Oct 14 j 05:32	24°♍05'45	0°36'12
min. Earth dist.	-3558 Oct 14 j 07:40	23°♍58'23	0.67405 AU
morning rise	-3558 Oct 19 j 12:17	17°♍48'42	
direct	-3558 Oct 24 j 04:49	15°♍52'39	
morning max el	-3558 Nov 02 j 21:57	21°♍39'43	22°36'40
	-3558 Nov 10 j 01:12	0°♎	
desc. node	-3558 Nov 23 j 15:49	19°♎06'53	
	-3558 Nov 30 j 18:36	0°♏	
morning set	-3558 Dec 06 j 16:07	9°♏25'54	
max. Earth dist.	-3558 Dec 11 j 20:29	18°♏03'49	1.40469 AU
	-3558 Dec 18 j 16:32	0°♐	
superior conj	-3558 Dec 19 j 14:49	1°♐40'19	-1°55'33
minimum elong	-3558 Dec 19 j 14:22	1°♐38'19	1°55'39
evening rise	-3558 Dec 29 j 12:31	20°♐05'56	
	-3557 Jan 03 j 20:07	0°♑	
asc. node	-3557 Jan 08 j 10:39	7°♑53'00	
evening max el	-3557 Jan 14 j 18:38	16°♑09'17	18°21'27
retrograde	-3557 Jan 22 j 01:56	19°♑46'16	
evening set	-3557 Jan 24 j 15:04	19°♑21'04	
inferior conj	-3557 Jan 31 j 20:01	14°♑42'24	3°53'16
minimum elong	-3557 Jan 31 j 22:03	14°♑38'09	3°52'57
min. Earth dist.	-3557 Feb 04 j 05:03	11°♑53'55	0.59372 AU
morning rise	-3557 Feb 08 j 02:59	9°♑12'10	
direct	-3557 Feb 14 j 12:52	7°♑23'01	
desc. node	-3557 Feb 19 j 15:06	8°♑28'15	
morning max el	-3557 Feb 28 j 18:58	15°♑00'10	26°58'37
	-3557 Mar 12 j 22:05	0°♒	
	-3557 Mar 29 j 21:27	0°♓	
morning set	-3557 Mar 31 j 03:18	2°♓34'09	
asc. node	-3557 Apr 06 j 10:08	16°♓03'47	
superior conj	-3557 Apr 07 j 05:03	17°♓47'17	0°08'16
minimum elong	-3557 Apr 07 j 04:41	17°♓45'16	0°08'10
behind sun begin	-3557 Apr 07 j 00:22	17°♓21'41	
behind sun end	-3557 Apr 07 j 08:59	18°♓08'51	
max. Earth dist.	-3557 Apr 06 j 23:51	17°♓18'50	1.32545 AU
	-3557 Apr 12 j 20:06	0°♈	
evening rise	-3557 Apr 14 j 04:26	2°♈50'39	
	-3557 Apr 28 j 21:40	0°♉	
evening max el	-3557 May 12 j 23:16	17°♉57'51	26°12'44
desc. node	-3557 May 18 j 13:57	22°♉27'20	
retrograde	-3557 May 27 j 01:18	25°♉15'21	
evening set	-3557 Jun 02 j 05:46	23°♉40'20	
min. Earth dist.	-3557 Jun 06 j 12:08	20°♉58'42	0.59273 AU
inferior conj	-3557 Jun 09 j 21:06	18°♉23'19	-4°19'48
minimum elong	-3557 Jun 09 j 19:55	18°♉25'37	4°19'39
morning rise	-3557 Jun 17 j 12:31	13°♉52'51	
direct	-3557 Jun 20 j 00:43	13°♉30'58	
morning max el	-3557 Jun 27 j 18:36	17°♉12'52	18°26'20
asc. node	-3557 Jul 03 j 09:38	24°♉11'59	
	-3557 Jul 06 j 23:12	0°♊	
morning set	-3557 Jul 13 j 21:47	12°♊50'41	
	-3557 Jul 22 j 22:52	0°♋	
superior conj	-3557 Jul 23 j 01:53	0°♋13'52	1°47'56
minimum elong	-3557 Jul 23 j 03:04	0°♋19'23	1°48'03
max. Earth dist.	-3557 Jul 30 j 10:40	13°♋24'53	1.40176 AU
evening rise	-3557 Aug 03 j 22:13	21°♋01'15	
	-3557 Aug 09 j 10:49	0°♌	
desc. node	-3557 Aug 14 j 13:07	7°♌55'21	
	-3557 Aug 30 j 03:00	0°♍	
evening max el	-3557 Sep 07 j 16:20	9°♍58'24	23°30'13
retrograde	-3557 Sep 18 j 04:22	16°♍11'05	
evening set	-3557 Sep 23 j 05:25	14°♍04'30	
min. Earth dist.	-3557 Sep 28 j 04:06	8°♍15'49	0.67414 AU
inferior conj	-3557 Sep 28 j 12:59	7°♍45'23	-0°16'55
minimum elong	-3557 Sep 28 j 13:23	7°♍44'02	0°16'41
asc. node	-3557 Sep 29 j 08:43	6°♍38'10	
morning rise	-3557 Oct 03 j 21:17	1°♍34'52	
direct	-3557 Oct 08 j 00:02	0°♍00'01	
morning max el	-3557 Oct 16 j 14:11	5°♍03'57	21°14'58
	-3557 Nov 04 j 06:21	0°♎	
desc. node	-3557 Nov 10 j 12:47	9°♎27'39	
morning set	-3557 Nov 16 j 02:49	18°♎07'18	
	-3557 Nov 23 j 12:54	0°♏	
max. Earth dist.	-3557 Nov 23 j 23:11	0°♏42'01	1.42373 AU
superior conj	-3557 Dec 01 j 03:33	12°♏43'04	-1°47'05
minimum elong	-3557 Nov 30 j 23:20	12°♏25'05	1°46'55
	-3557 Dec 10 j 23:07	0°♐	
evening rise	-3557 Dec 12 j 11:56	2°♐46'00	
asc. node	-3557 Dec 26 j 07:44	25°♐51'10	
evening max el	-3557 Dec 29 j 04:55	29°♐11'44	18°08'12
	-3557 Dec 30 j 01:29	0°♑	
retrograde	-3556 Jan 04 j 22:17	2°♑39'32	
evening set	-3556 Jan 07 j 14:38	2°♑06'41	
	-3556 Jan 11 j 01:12	30℞♐	
inferior conj	-3556 Jan 14 j 06:22	27°♐06'40	4°01'28
minimum elong	-3556 Jan 14 j 05:47	27°♐08'05	4°01'19
min. Earth dist.	-3556 Jan 17 j 07:38	24°♐11'22	0.61391 AU
morning rise	-3556 Jan 20 j 19:40	21°♐20'31	
direct	-3556 Jan 27 j 18:52	18°♐56'34	
desc. node	-3556 Feb 06 j 12:11	22°♐53'17	
morning max el	-3556 Feb 10 j 20:32	26°♐40'15	27°37'19
	-3556 Feb 14 j 00:29	0°♑	
	-3556 Mar 05 j 10:10	0°♒	
morning set	-3556 Mar 14 j 09:35	17°♒15'33	
	-3556 Mar 20 j 09:58	0°♓	
max. Earth dist.	-3556 Mar 20 j 11:50	0°♓10'08	1.32673 AU
superior conj	-3556 Mar 21 j 16:07	2°♓43'52	-0°16'58
minimum elong	-3556 Mar 21 j 16:53	2°♓48'03	0°16'52
asc. node	-3556 Mar 23 j 07:09	6°♓16'43	
evening rise	-3556 Mar 28 j 15:30	17°♓48'07	
	-3556 Apr 03 j 17:00	0°♈	
evening max el	-3556 Apr 23 j 17:23	29°♈02'54	24°54'21
	-3556 Apr 24 j 17:59	0°♉	
desc. node	-3556 May 04 j 11:02	5°♉44'30	
retrograde	-3556 May 07 j 17:59	6°♉09'39	
evening set	-3556 May 12 j 17:19	5°♉13'00	
min. Earth dist.	-3556 May 18 j 05:36	2°♉18'34	0.57343 AU
inferior conj	-3556 May 21 j 04:57	0°♉19'47	-3°50'55
minimum elong	-3556 May 21 j 00:11	0°♉27'48	3°50'02
	-3556 May 21 j 16:48	30℞♈	
morning rise	-3556 May 29 j 10:04	26°♈09'01	
direct	-3556 May 31 j 21:50	25°♈51'03	
	-3556 Jun 09 j 19:57	0°♉	
morning max el	-3556 Jun 09 j 20:40	0°♉01'39	19°11'24
asc. node	-3556 Jun 19 j 06:42	12°♉50'45	
morning set	-3556 Jun 26 j 19:10	26°♉59'44	
	-3556 Jun 28 j 07:29	0°♊	
superior conj	-3556 Jul 05 j 03:13	13°♊28'00	1°47'50
minimum elong	-3556 Jul 05 j 02:16	13°♊23'27	1°47'56
max. Earth dist.	-3556 Jul 11 j 12:26	25°♊29'00	1.38223 AU
	-3556 Jul 14 j 00:39	0°♋	
evening rise	-3556 Jul 15 j 09:13	2°♋23'36	
desc. node	-3556 Jul 31 j 10:08	28°♋14'21	
	-3556 Aug 01 j 14:52	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3556 Aug 20 j 03:36	23°♌28'39	24°49'24
	-3556 Aug 29 j 20:58	0°♍	
retrograde	-3556 Aug 31 j 17:14	0°♍13'23	
	-3556 Sep 02 j 11:41	30°℞♌	
evening set	-3556 Sep 06 j 09:14	27°♌48'21	
min. Earth dist.	-3556 Sep 10 j 22:51	22°♌34'39	0.67124 AU
inferior conj	-3556 Sep 11 j 18:18	21°♌30'03	-1°10'32
minimum elong	-3556 Sep 11 j 19:57	21°♌24'32	1°09'46
asc. node	-3556 Sep 15 j 05:50	17°♌13'49	
morning rise	-3556 Sep 17 j 06:42	15°♌26'22	
direct	-3556 Sep 20 j 21:41	14°♌10'27	
morning max el	-3556 Sep 28 j 13:36	18°♌37'04	20°03'53
	-3556 Oct 07 j 13:27	0°♍	
morning set	-3556 Oct 25 j 00:42	26°♍18'29	
desc. node	-3556 Oct 27 j 09:46	0°♎00'03	
	-3556 Oct 27 j 09:46	0°♎	
max. Earth dist.	-3556 Nov 05 j 09:31	14°♎10'08	1.43847 AU
superior conj	-3556 Nov 10 j 13:13	22°♎29'06	-1°22'21
minimum elong	-3556 Nov 10 j 06:10	22°♎00'21	1°21'42
	-3556 Nov 15 j 02:45	0°♏	
evening rise	-3556 Nov 23 j 17:47	14°♏36'18	
	-3556 Dec 02 j 19:08	0°♐	
evening max el	-3556 Dec 11 j 17:31	12°♐27'35	18°14'12
asc. node	-3556 Dec 12 j 04:48	12°♐55'23	
retrograde	-3556 Dec 18 j 06:20	15°♐58'22	
evening set	-3556 Dec 21 j 02:22	15°♐16'43	
inferior conj	-3556 Dec 27 j 07:40	9°♐56'21	3°48'05
minimum elong	-3556 Dec 27 j 05:21	10°♐02'39	3°47'39
min. Earth dist.	-3556 Dec 29 j 19:18	7°♐15'24	0.63241 AU
morning rise	-3555 Jan 02 j 07:39	3°♐59'12	
direct	-3555 Jan 09 j 08:57	1°♐13'53	
morning max el	-3555 Jan 23 j 03:11	8°♐58'39	27°39'47
desc. node	-3555 Jan 23 j 09:16	9°♐13'45	
	-3555 Feb 08 j 12:33	0°♑	
	-3555 Feb 25 j 14:43	0°♒	
morning set	-3555 Feb 26 j 09:45	1°♒34'52	
max. Earth dist.	-3555 Mar 03 j 18:43	12°♒40'48	1.33177 AU
superior conj	-3555 Mar 06 j 00:46	17°♒29'20	-0°42'06
minimum elong	-3555 Mar 06 j 02:39	17°♒39'24	0°41'50
asc. node	-3555 Mar 10 j 04:10	26°♒25'04	
	-3555 Mar 11 j 20:19	0°♓	
evening rise	-3555 Mar 13 j 03:11	2°♓43'22	
	-3555 Mar 28 j 05:46	0°♈	
evening max el	-3555 Apr 05 j 09:18	9°♈46'24	23°21'40
retrograde	-3555 Apr 18 j 21:37	16°♈28'01	
desc. node	-3555 Apr 21 j 08:09	16°♈14'50	
evening set	-3555 Apr 22 j 12:49	15°♈59'06	
min. Earth dist.	-3555 Apr 29 j 20:09	12°♈40'10	0.55877 AU
inferior conj	-3555 May 01 j 17:00	11°♈33'52	-2°41'48
minimum elong	-3555 May 01 j 11:01	11°♈42'45	2°40'07
morning rise	-3555 May 10 j 11:48	7°♈35'42	
direct	-3555 May 13 j 00:30	7°♈19'56	
morning max el	-3555 May 23 j 12:55	12°♈13'17	20°16'53
	-3555 Jun 05 j 01:31	0°♉	
asc. node	-3555 Jun 06 j 03:45	2°♉02'04	
morning set	-3555 Jun 10 j 23:27	11°♉32'05	
superior conj	-3555 Jun 18 j 17:36	27°♉23'10	1°39'43
minimum elong	-3555 Jun 18 j 15:24	27°♉12'05	1°39'40
	-3555 Jun 20 j 00:50	0°♊	
max. Earth dist.	-3555 Jun 23 j 17:52	7°♊16'52	1.36423 AU
evening rise	-3555 Jun 27 j 18:55	14°♊53'45	
	-3555 Jul 06 j 10:31	0°♋	
desc. node	-3555 Jul 18 j 07:10	18°♋14'01	
	-3555 Jul 27 j 05:23	0°♌	

evening max el	-3555 Aug 02 j 14:33	7°♌01'01	25°59'39
retrograde	-3555 Aug 15 j 01:23	14°♌07'58	
evening set	-3555 Aug 21 j 08:05	11°♌28'03	
min. Earth dist.	-3555 Aug 25 j 13:23	6°♌51'53	0.66507 AU
inferior conj	-3555 Aug 26 j 20:27	5°♌13'57	-2°02'39
minimum elong	-3555 Aug 26 j 23:16	5°♌05'03	2°01'28
	-3555 Aug 31 j 15:59	30°℞♋	
morning rise	-3555 Sep 01 j 14:35	29°♋20'21	
asc. node	-3555 Sep 02 j 02:57	29°♋02'46	
direct	-3555 Sep 04 j 19:59	28°♋20'25	
	-3555 Sep 09 j 04:58	0°♌	
morning max el	-3555 Sep 11 j 20:01	2°♌18'13	19°06'52
	-3555 Oct 01 j 03:14	0°♍	
morning set	-3555 Oct 04 j 09:31	5°♍07'39	
desc. node	-3555 Oct 14 j 06:45	20°♍39'45	
max. Earth dist.	-3555 Oct 19 j 01:38	28°♍12'09	1.44694 AU
	-3555 Oct 20 j 04:57	0°♎	
superior conj	-3555 Oct 20 j 21:57	1°♎07'12	-0°41'25
minimum elong	-3555 Oct 20 j 16:47	0°♎46'48	0°40'45
evening rise	-3555 Nov 05 j 01:27	25°♎27'54	
	-3555 Nov 07 j 19:58	0°♏	
evening max el	-3555 Nov 25 j 05:36	25°♏50'31	18°38'34
asc. node	-3555 Nov 29 j 01:53	28°♏50'58	
retrograde	-3555 Dec 01 j 21:59	29°♏34'43	
evening set	-3555 Dec 04 j 22:57	28°♏42'47	
inferior conj	-3555 Dec 10 j 20:12	23°♏04'23	3°19'56
minimum elong	-3555 Dec 10 j 17:08	23°♏13'32	3°19'08
min. Earth dist.	-3555 Dec 12 j 16:53	20°♏51'26	0.64770 AU
morning rise	-3555 Dec 16 j 10:57	16°♏59'04	
direct	-3555 Dec 23 j 05:43	14°♏07'43	
morning max el	-3554 Jan 05 j 12:33	21°♏46'53	27°08'24
desc. node	-3554 Jan 10 j 06:20	26°♏56'56	
	-3554 Jan 12 j 18:28	0°♐	
	-3554 Feb 01 j 16:10	0°♑	
morning set	-3554 Feb 10 j 00:47	15°♑22'24	
max. Earth dist.	-3554 Feb 14 j 16:48	24°♑40'25	1.34091 AU
	-3554 Feb 17 j 06:40	0°♒	
superior conj	-3554 Feb 18 j 05:03	1°♒57'12	-1°06'05
minimum elong	-3554 Feb 18 j 07:49	2°♒11'48	1°05'45
asc. node	-3554 Feb 25 j 01:10	16°♒24'41	
evening rise	-3554 Feb 25 j 13:42	17°♒30'07	
	-3554 Mar 03 j 20:30	0°♓	
evening max el	-3554 Mar 18 j 05:04	20°♓35'26	21°48'57
retrograde	-3554 Mar 30 j 14:15	26°♓35'02	
evening set	-3554 Apr 02 j 06:14	26°♓19'07	
desc. node	-3554 Apr 08 j 05:16	24°♓06'23	
inferior conj	-3554 Apr 11 j 14:56	22°♓15'13	-0°56'34
minimum elong	-3554 Apr 11 j 12:18	22°♓18'54	0°55'41
min. Earth dist.	-3554 Apr 11 j 09:56	22°♓22'14	0.55177 AU
morning rise	-3554 Apr 20 j 19:16	18°♓15'31	
direct	-3554 Apr 23 j 14:11	17°♓58'16	
morning max el	-3554 May 05 j 18:20	23°♓43'45	21°40'46
	-3554 May 11 j 07:27	0°♈	
asc. node	-3554 May 24 j 00:46	21°♈37'53	
morning set	-3554 May 26 j 08:17	26°♈21'07	
	-3554 May 28 j 02:18	0°♉	
superior conj	-3554 Jun 02 j 17:07	11°♉48'05	1°25'44
minimum elong	-3554 Jun 02 j 14:28	11°♉34'14	1°25'29
max. Earth dist.	-3554 Jun 06 j 07:42	19°♉13'18	1.34930 AU
evening rise	-3554 Jun 10 j 22:01	28°♉17'27	
	-3554 Jun 11 j 19:30	0°♊	
	-3554 Jun 29 j 15:27	0°♋	
desc. node	-3554 Jul 05 j 04:12	7°♋45'49	
evening max el	-3554 Jul 16 j 01:56	20°♋29'19	26°52'52

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3554 Jul 29 j 04:31	27°♋48'41	
evening set	-3554 Aug 04 j 23:41	25°♋00'56	
min. Earth dist.	-3554 Aug 08 j 21:21	21°♋03'11	0.65525 AU
inferior conj	-3554 Aug 10 j 17:25	18°♋54'00	-2°51'12
minimum elong	-3554 Aug 10 j 21:04	18°♋43'17	2°49'56
morning rise	-3554 Aug 16 j 18:51	13°♋13'48	
direct	-3554 Aug 19 j 16:55	12°♋26'38	
asc. node	-3554 Aug 20 j 00:02	12°♋27'07	
morning max el	-3554 Aug 26 j 07:45	16°♋04'40	18°25'51
	-3554 Sep 05 j 10:44	0°♌	
morning set	-3554 Sep 14 j 20:01	15°♌13'20	
	-3554 Sep 23 j 23:27	0°♍	
superior conj	-3554 Sep 29 j 21:31	9°♍24'29	0°08'02
minimum elong	-3554 Sep 29 j 22:34	9°♍28'37	0°07'56
behind sun begin	-3554 Sep 29 j 12:38	8°♍49'22	
behind sun end	-3554 Sep 30 j 08:29	10°♍07'50	
desc. node	-3554 Oct 01 j 03:42	11°♍23'38	
max. Earth dist.	-3554 Oct 01 j 20:01	12°♍27'59	1.44817 AU
	-3554 Oct 12 j 23:47	0°♎	
evening rise	-3554 Oct 16 j 08:24	5°♎16'39	
greatest brilliancy	-3554 Oct 26 j 12:13	21°♎10'51	-0.8m
	-3554 Nov 01 j 08:49	0°♏	
evening max el	-3554 Nov 08 j 14:46	9°♏16'15	19°19'57
retrograde	-3554 Nov 15 j 17:48	13°♏22'48	
asc. node	-3554 Nov 15 j 22:58	13°♏22'32	
evening set	-3554 Nov 19 j 01:28	12°♏18'34	
inferior conj	-3554 Nov 24 j 16:44	6°♏25'13	2°41'39
minimum elong	-3554 Nov 24 j 13:43	6°♏34'54	2°40'38
min. Earth dist.	-3554 Nov 25 j 23:30	4°♏46'47	0.65944 AU
morning rise	-3554 Nov 30 j 01:42	0°♏14'02	
	-3554 Nov 30 j 08:11	30°℞♎	
direct	-3554 Dec 06 j 08:35	27°♎29'21	
	-3554 Dec 13 j 04:32	0°♏	
morning max el	-3554 Dec 18 j 22:11	4°♏52'29	26°09'27
desc. node	-3554 Dec 28 j 03:20	15°♏38'02	
	-3553 Jan 07 j 06:30	0°♐	
morning set	-3553 Jan 24 j 02:31	28°♐24'36	
	-3553 Jan 24 j 22:56	0°♑	
max. Earth dist.	-3553 Jan 28 j 03:13	6°♑04'44	1.35451 AU
superior conj	-3553 Feb 02 j 02:27	15°♑58'47	-1°27'32
minimum elong	-3553 Feb 02 j 05:40	16°♑15'11	1°27'16
	-3553 Feb 08 j 21:36	0°♒	
evening rise	-3553 Feb 09 j 21:05	2°♒00'45	
asc. node	-3553 Feb 11 j 22:10	6°♒09'51	
	-3553 Feb 26 j 14:28	0°♓	
evening max el	-3553 Feb 28 j 09:46	1°♓51'16	20°27'20
retrograde	-3553 Mar 11 j 04:33	6°♓59'13	
evening set	-3553 Mar 13 j 11:31	6°♓46'17	
inferior conj	-3553 Mar 22 j 11:11	2°♓48'01	0°59'57
minimum elong	-3553 Mar 22 j 13:48	2°♓44'10	0°59'01
min. Earth dist.	-3553 Mar 24 j 00:02	1°♓54'00	0.55401 AU
desc. node	-3553 Mar 26 j 02:22	0°♓43'21	
	-3553 Mar 27 j 12:24	30°℞♒	
morning rise	-3553 Mar 31 j 14:37	28°♒28'10	
direct	-3553 Apr 04 j 03:05	28°♒01'11	
	-3553 Apr 11 j 09:57	0°♓	
morning max el	-3553 Apr 17 j 14:20	4°♓37'02	23°17'24
	-3553 May 05 j 04:02	0°♈	
morning set	-3553 May 10 j 19:38	11°♈19'36	
asc. node	-3553 May 10 j 21:45	11°♈30'40	
superior conj	-3553 May 17 j 22:45	26°♈32'31	1°07'25
minimum elong	-3553 May 17 j 20:16	26°♈19'10	1°07'05
	-3553 May 19 j 13:46	0°♉	
max. Earth dist.	-3553 May 20 j 07:13	1°♉32'03	1.33801 AU
evening rise	-3553 May 25 j 13:38	12°♉20'02	
	-3553 Jun 04 j 01:38	0°♊	
desc. node	-3553 Jun 22 j 01:15	26°♊37'33	
	-3553 Jun 24 j 22:53	0°♋	
evening max el	-3553 Jun 28 j 12:50	3°♋42'57	27°21'49
retrograde	-3553 Jul 12 j 02:16	11°♋06'52	
evening set	-3553 Jul 19 j 05:04	8°♋22'24	
min. Earth dist.	-3553 Jul 22 j 20:49	5°♋00'10	0.64156 AU
inferior conj	-3553 Jul 25 j 06:46	2°♋25'25	-3°33'33
minimum elong	-3553 Jul 25 j 10:38	2°♋15'04	3°32'32
	-3553 Jul 27 j 15:26	30°℞♊	
morning rise	-3553 Jul 31 j 16:58	27°♊01'36	
direct	-3553 Aug 03 j 09:57	26°♊24'12	
asc. node	-3553 Aug 06 j 21:07	27°♊25'15	
morning max el	-3553 Aug 09 j 22:21	29°♊51'12	18°02'01
	-3553 Aug 10 j 01:50	0°♋	
morning set	-3553 Aug 27 j 09:26	26°♋36'14	
	-3553 Aug 29 j 09:13	0°♌	
superior conj	-3553 Sep 09 j 10:38	18°♌25'11	0°53'07
minimum elong	-3553 Sep 09 j 15:58	18°♌46'53	0°52'34
max. Earth dist.	-3553 Sep 14 j 13:00	26°♌37'24	1.44217 AU
	-3553 Sep 16 j 16:03	0°♍	
desc. node	-3553 Sep 18 j 00:40	2°♍08'43	
evening rise	-3553 Sep 25 j 18:43	14°♍13'47	
	-3553 Oct 06 j 02:34	0°♎	
evening max el	-3553 Oct 22 j 19:05	22°♎42'53	20°16'36
retrograde	-3553 Oct 30 j 15:06	27°♎19'16	
asc. node	-3553 Nov 02 j 20:03	26°♎19'43	
evening set	-3553 Nov 03 j 07:38	26°♎00'19	
inferior conj	-3553 Nov 08 j 18:43	19°♎55'26	1°56'26
minimum elong	-3553 Nov 08 j 16:16	20°♎03'37	1°55'29
min. Earth dist.	-3553 Nov 09 j 13:08	18°♎53'36	0.66769 AU
morning rise	-3553 Nov 14 j 00:42	13°♎40'54	
direct	-3553 Nov 19 j 17:06	11°♎11'41	
morning max el	-3553 Dec 01 j 06:55	18°♎05'13	24°52'02
	-3553 Dec 11 j 08:03	0°♏	
desc. node	-3553 Dec 15 j 00:20	5°♏00'25	
	-3553 Dec 31 j 07:45	0°♐	
morning set	-3552 Jan 06 j 09:41	10°♐26'45	
max. Earth dist.	-3552 Jan 10 j 02:48	17°♐09'10	1.37232 AU
superior conj	-3552 Jan 16 j 13:59	29°♐25'55	-1°44'31
minimum elong	-3552 Jan 16 j 16:49	29°♐39'48	1°44'26
	-3552 Jan 16 j 20:57	0°♑	
evening rise	-3552 Jan 24 j 23:16	16°♑09'23	
asc. node	-3552 Jan 29 j 19:11	25°♑35'04	
	-3552 Feb 01 j 05:13	0°♒	
evening max el	-3552 Feb 11 j 01:11	13°♒43'15	19°22'56
retrograde	-3552 Feb 20 j 04:22	18°♒04'02	
evening set	-3552 Feb 22 j 12:12	17°♒48'22	
inferior conj	-3552 Mar 01 j 19:24	13°♒40'41	2°35'58
minimum elong	-3552 Mar 02 j 00:21	13°♒32'30	2°34'33
min. Earth dist.	-3552 Mar 04 j 14:59	11°♒49'42	0.56506 AU
morning rise	-3552 Mar 10 j 09:46	8°♒50'38	
desc. node	-3552 Mar 11 j 23:27	8°♒22'42	
direct	-3552 Mar 15 j 02:32	8°♒00'00	
morning max el	-3552 Mar 29 j 05:23	15°♒11'29	24°55'48
	-3552 Apr 10 j 00:03	0°♓	
morning set	-3552 Apr 24 j 07:49	26°♓21'33	
	-3552 Apr 26 j 01:02	0°♈	
asc. node	-3552 Apr 26 j 18:45	1°♈35'00	
superior conj	-3552 May 01 j 08:14	11°♈28'42	0°46'01
minimum elong	-3552 May 01 j 06:20	11°♈18'26	0°45'41
max. Earth dist.	-3552 May 02 j 14:44	14°♈13'57	1.33040 AU
evening rise	-3552 May 08 j 14:04	26°♈49'46	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3552 May 10 j 03:43	0°♉	
	-3552 May 27 j 10:50	0°♊	
desc. node	-3552 Jun 07 j 22:19	14°♊32'11	
evening max el	-3552 Jun 09 j 21:23	16°♊30'03	27°20'40
retrograde	-3552 Jun 23 j 17:49	23°♊53'03	
evening set	-3552 Jun 30 j 20:32	21°♊25'53	
min. Earth dist.	-3552 Jul 04 j 10:36	18°♊30'51	0.62432 AU
inferior conj	-3552 Jul 07 j 09:37	15°♊41'42	-4°05'44
minimum elong	-3552 Jul 07 j 12:39	15°♊34'26	4°05'11
morning rise	-3552 Jul 14 j 06:00	10°♊36'58	
direct	-3552 Jul 16 j 20:00	10°♊06'49	
morning max el	-3552 Jul 23 j 13:04	13°♊31'28	17°56'15
asc. node	-3552 Jul 23 j 18:11	13°♊44'11	
	-3552 Aug 03 j 18:58	0°♋	
morning set	-3552 Aug 08 j 20:54	9°♋02'12	
superior conj	-3552 Aug 20 j 02:01	28°♋43'44	1°25'25
minimum elong	-3552 Aug 20 j 07:12	29°♋05'44	1°25'03
	-3552 Aug 20 j 19:59	0°♌	
max. Earth dist.	-3552 Aug 27 j 01:54	10°♌22'47	1.42985 AU
evening rise	-3552 Sep 03 j 23:32	22°♌58'43	
desc. node	-3552 Sep 03 j 21:39	22°♌51'21	
	-3552 Sep 08 j 12:34	0°♍	
	-3552 Sep 29 j 10:04	0°♎	
evening max el	-3552 Oct 04 j 17:25	6°♎08'56	21°25'54
retrograde	-3552 Oct 13 j 11:44	11°♎20'53	
evening set	-3552 Oct 17 j 15:26	9°♎44'40	
asc. node	-3552 Oct 19 j 17:10	7°♎45'22	
inferior conj	-3552 Oct 22 j 23:57	3°♎31'43	1°06'36
minimum elong	-3552 Oct 22 j 22:27	3°♎36'51	1°05'58
min. Earth dist.	-3552 Oct 23 j 07:19	3°♎06'21	0.67266 AU
	-3552 Oct 25 j 15:40	30°℞♍	
morning rise	-3552 Oct 28 j 05:18	27°♍16'35	
direct	-3552 Nov 02 j 06:29	25°♍07'44	
	-3552 Nov 11 j 07:05	0°♎	
morning max el	-3552 Nov 12 j 16:01	1°♎20'11	23°26'07
desc. node	-3552 Nov 30 j 21:21	24°♎51'45	
	-3552 Dec 04 j 08:22	0°♏	
morning set	-3552 Dec 17 j 16:04	21°♏12'25	
max. Earth dist.	-3552 Dec 21 j 22:07	28°♏29'31	1.39280 AU
	-3552 Dec 22 j 18:47	0°♐	
superior conj	-3552 Dec 29 j 11:34	12°♐07'44	-1°54'24
minimum elong	-3552 Dec 29 j 12:46	12°♐13'19	1°54'30
evening rise	-3551 Jan 07 j 17:41	29°♐49'28	
	-3551 Jan 07 j 19:52	0°♑	
asc. node	-3551 Jan 15 j 16:13	14°♑33'30	
evening max el	-3551 Jan 24 j 02:02	26°♑08'39	18°38'08
retrograde	-3551 Jan 31 j 21:51	29°♑56'45	
evening set	-3551 Feb 03 j 09:17	29°♑35'19	
inferior conj	-3551 Feb 10 j 23:09	25°♑08'59	3°35'24
minimum elong	-3551 Feb 11 j 02:45	25°♑02'05	3°34'42
min. Earth dist.	-3551 Feb 14 j 07:57	22°♑35'19	0.58235 AU
morning rise	-3551 Feb 18 j 17:47	19°♑51'36	
direct	-3551 Feb 24 j 15:11	18°♑24'56	
desc. node	-3551 Feb 26 j 20:32	18°♑37'11	
morning max el	-3551 Mar 10 j 21:38	25°♑55'11	26°21'12
	-3551 Mar 14 j 17:43	0°♒	
	-3551 Apr 03 j 03:34	0°♓	
morning set	-3551 Apr 08 j 19:12	11°♓21'05	
asc. node	-3551 Apr 13 j 15:45	21°♓46'15	
superior conj	-3551 Apr 15 j 19:39	26°♓30'03	0°22'29
minimum elong	-3551 Apr 15 j 18:40	26°♓24'41	0°22'16
max. Earth dist.	-3551 Apr 16 j 03:06	27°♓10'50	1.32626 AU
	-3551 Apr 17 j 10:04	0°♈	
evening rise	-3551 Apr 22 j 20:25	11°♈37'00	

	-3551 May 02 j 08:54	0°♉	
evening max el	-3551 May 23 j 01:14	28°♉39'55	26°46'41
	-3551 May 24 j 12:07	0°♊	
desc. node	-3551 May 25 j 19:23	1°♊06'00	
retrograde	-3551 Jun 06 j 01:47	5°♊59'20	
evening set	-3551 Jun 12 j 17:56	4°♊02'52	
min. Earth dist.	-3551 Jun 16 j 14:43	1°♊21'14	0.60454 AU
	-3551 Jun 18 j 06:13	30°℞♉	
inferior conj	-3551 Jun 19 j 22:32	28°♉34'57	-4°21'34
minimum elong	-3551 Jun 19 j 23:17	28°♉33'22	4°21'26
morning rise	-3551 Jun 27 j 06:32	23°♉51'29	
direct	-3551 Jun 29 j 19:13	23°♉26'48	
morning max el	-3551 Jul 07 j 01:09	26°♉58'57	18°09'36
	-3551 Jul 09 j 18:09	0°♊	
asc. node	-3551 Jul 10 j 15:15	1°♊08'43	
morning set	-3551 Jul 23 j 01:00	22°♊17'34	
	-3551 Jul 27 j 03:59	0°♋	
superior conj	-3551 Aug 01 j 20:09	10°♋22'25	1°43'21
minimum elong	-3551 Aug 01 j 22:52	10°♋34'37	1°43'20
max. Earth dist.	-3551 Aug 09 j 09:44	23°♋32'36	1.41289 AU
	-3551 Aug 13 j 06:56	0°♌	
evening rise	-3551 Aug 14 j 18:36	2°♌25'12	
desc. node	-3551 Aug 21 j 18:38	13°♌28'27	
	-3551 Sep 01 j 22:24	0°♍	
evening max el	-3551 Sep 17 j 10:00	19°♍35'18	22°43'40
retrograde	-3551 Sep 27 j 06:12	25°♍25'31	
evening set	-3551 Oct 01 j 23:05	23°♍30'08	
asc. node	-3551 Oct 06 j 14:17	18°♍08'31	
inferior conj	-3551 Oct 07 j 06:35	17°♍12'24	0°13'59
minimum elong	-3551 Oct 07 j 06:15	17°♍13'33	0°13'52
transit middle	-3551 Oct 07 j 06:15	17°♍13'33	0°13'52
transit begin	-3551 Oct 07 j 04:50	17°♍18'29	
transit end	-3551 Oct 07 j 07:41	17°♍08'37	
min. Earth dist.	-3551 Oct 07 j 03:35	17°♍22'47	0.67457 AU
morning rise	-3551 Oct 12 j 13:18	10°♍59'33	
direct	-3551 Oct 16 j 23:53	9°♍12'33	
morning max el	-3551 Oct 26 j 04:49	14°♍40'08	22°00'48
	-3551 Nov 07 j 10:38	0°♎	
desc. node	-3551 Nov 17 j 18:20	15°♎03'40	
	-3551 Nov 27 j 09:05	0°♏	
morning set	-3551 Nov 27 j 17:40	0°♏34'19	
max. Earth dist.	-3551 Dec 03 j 21:26	10°♏38'36	1.41325 AU
superior conj	-3551 Dec 11 j 13:58	23°♏50'47	-1°53'45
minimum elong	-3551 Dec 11 j 12:01	23°♏42'10	1°53'48
	-3551 Dec 15 j 00:39	0°♐	
evening rise	-3551 Dec 22 j 01:09	12°♐53'54	
	-3551 Dec 31 j 15:38	0°♑	
asc. node	-3550 Jan 02 j 13:18	2°♑56'36	
evening max el	-3550 Jan 07 j 09:42	8°♑59'46	18°13'24
retrograde	-3550 Jan 14 j 09:38	12°♑31'04	
evening set	-3550 Jan 17 j 00:15	12°♑02'34	
inferior conj	-3550 Jan 23 j 23:10	7°♑14'30	3°59'54
minimum elong	-3550 Jan 24 j 00:01	7°♑12'36	3°59'45
min. Earth dist.	-3550 Jan 27 j 05:51	4°♑20'29	0.60239 AU
morning rise	-3550 Jan 30 j 22:09	1°♑36'57	
	-3550 Feb 03 j 11:01	30°℞♐	
direct	-3550 Feb 06 j 15:13	29°♐32'02	
	-3550 Feb 09 j 21:23	0°♑	
desc. node	-3550 Feb 13 j 17:39	1°♑38'53	
morning max el	-3550 Feb 20 j 19:34	7°♑11'44	27°19'37
	-3550 Mar 10 j 01:06	0°♒	
morning set	-3550 Mar 24 j 03:54	26°♒10'57	
	-3550 Mar 25 j 23:39	0°♓	
max. Earth dist.	-3550 Mar 30 j 16:30	10°♓08'44	1.32555 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3550 Mar 31 j 07:18	11°♓29'38	-0°02'24
minimum elong	-3550 Mar 31 j 07:24	11°♓30'14	0°02'26
behind sun begin	-3550 Mar 31 j 02:26	11°♓03'02	
behind sun end	-3550 Mar 31 j 12:23	11°♓57'26	
asc. node	-3550 Mar 31 j 12:45	11°♓59'27	
evening rise	-3550 Apr 07 j 06:19	26°♓32'33	
	-3550 Apr 08 j 22:13	0°♈	
	-3550 Apr 26 j 07:23	0°♉	
evening max el	-3550 May 04 j 22:31	10°♉05'53	25°42'05
desc. node	-3550 May 12 j 16:29	15°♉45'35	
retrograde	-3550 May 19 j 00:21	17°♉19'24	
evening set	-3550 May 24 j 17:46	16°♉01'08	
min. Earth dist.	-3550 May 29 j 10:50	13°♉16'04	0.58421 AU
inferior conj	-3550 Jun 01 j 17:44	10°♉53'56	-4°12'04
minimum elong	-3550 Jun 01 j 14:57	10°♉59'00	4°11'43
morning rise	-3550 Jun 09 j 14:50	6°♉32'19	
direct	-3550 Jun 12 j 03:01	6°♉12'05	
morning max el	-3550 Jun 20 j 07:39	10°♉04'01	18°43'00
asc. node	-3550 Jun 27 j 12:19	19°♉23'25	
	-3550 Jul 03 j 12:13	0°♊	
morning set	-3550 Jul 06 j 17:06	6°♊09'22	
superior conj	-3550 Jul 15 j 11:45	23°♊06'13	1°49'02
minimum elong	-3550 Jul 15 j 11:56	23°♊07'06	1°49'09
	-3550 Jul 19 j 04:55	0°♋	
max. Earth dist.	-3550 Jul 22 j 12:48	5°♋58'52	1.39347 AU
evening rise	-3550 Jul 26 j 14:37	13°♋02'59	
	-3550 Aug 06 j 01:51	0°♌	
desc. node	-3550 Aug 08 j 15:38	3°♌55'25	
	-3550 Aug 28 j 01:13	0°♍	
evening max el	-3550 Aug 30 j 22:21	3°♍03'09	24°04'21
retrograde	-3550 Sep 10 j 21:22	9°♍30'03	
evening set	-3550 Sep 16 j 04:51	7°♍15'07	
min. Earth dist.	-3550 Sep 20 j 23:31	1°♍41'15	0.67339 AU
inferior conj	-3550 Sep 21 j 12:53	0°♍56'01	-0°39'44
minimum elong	-3550 Sep 21 j 13:49	0°♍52'50	0°39'16
	-3550 Sep 22 j 05:29	30°℞♌	
asc. node	-3550 Sep 23 j 11:25	28°♌22'24	
morning rise	-3550 Sep 26 j 22:45	24°♌48'17	
direct	-3550 Sep 30 j 20:14	23°♌21'55	
morning max el	-3550 Oct 09 j 00:09	28°♌08'36	20°43'10
	-3550 Oct 10 j 17:32	0°♍	
	-3550 Nov 01 j 01:15	0°♎	
desc. node	-3550 Nov 04 j 15:20	5°♎30'05	
morning set	-3550 Nov 06 j 20:22	8°♎55'32	
max. Earth dist.	-3550 Nov 16 j 04:02	23°♎41'45	1.43070 AU
	-3550 Nov 20 j 00:38	0°♏	
superior conj	-3550 Nov 22 j 15:33	4°♏21'27	-1°38'42
minimum elong	-3550 Nov 22 j 09:47	3°♏57'23	1°38'20
evening rise	-3550 Dec 04 j 17:44	25°♏14'30	
	-3550 Dec 07 j 10:20	0°♐	
asc. node	-3550 Dec 20 j 10:23	20°♐33'39	
evening max el	-3550 Dec 21 j 21:16	22°♐08'39	18°08'24
retrograde	-3550 Dec 28 j 11:45	25°♐36'41	
evening set	-3550 Dec 31 j 05:30	25°♐00'16	
inferior conj	-3549 Jan 06 j 16:26	19°♐51'05	3°57'58
minimum elong	-3549 Jan 06 j 14:59	19°♐54'46	3°57'44
min. Earth dist.	-3549 Jan 09 j 12:09	16°♐59'50	0.62204 AU
morning rise	-3549 Jan 12 j 23:29	13°♐59'35	
direct	-3549 Jan 20 j 00:36	11°♐24'58	
desc. node	-3549 Jan 31 j 14:44	16°♐57'48	
morning max el	-3549 Feb 02 j 23:49	19°♐09'51	27°42'56
	-3549 Feb 12 j 05:55	0°♑	
	-3549 Mar 02 j 20:18	0°♒	
morning set	-3549 Mar 08 j 07:55	10°♒44'11	
max. Earth dist.	-3549 Mar 14 j 02:58	22°♒53'37	1.32838 AU
superior conj	-3549 Mar 15 j 17:32	26°♒22'01	-0°27'41
minimum elong	-3549 Mar 15 j 18:47	26°♒28'48	0°27'31
	-3549 Mar 17 j 09:41	0°♓	
asc. node	-3549 Mar 18 j 09:45	2°♓10'50	
evening rise	-3549 Mar 22 j 17:52	11°♓29'43	
	-3549 Apr 01 j 06:21	0°♈	
evening max el	-3549 Apr 16 j 14:45	20°♈57'28	24°15'46
desc. node	-3549 Apr 29 j 13:35	27°♈54'22	
retrograde	-3549 Apr 30 j 11:41	27°♈56'19	
evening set	-3549 May 04 j 21:15	27°♈12'59	
min. Earth dist.	-3549 May 11 j 02:28	24°♈09'32	0.56642 AU
inferior conj	-3549 May 13 j 16:50	22°♈31'21	-3°26'41
minimum elong	-3549 May 13 j 11:03	22°♈40'30	3°25'24
morning rise	-3549 May 22 j 04:00	18°♈27'39	
direct	-3549 May 24 j 15:51	18°♈10'59	
morning max el	-3549 Jun 03 j 05:49	22°♈37'41	19°36'54
	-3549 Jun 09 j 08:29	0°♉	
asc. node	-3549 Jun 14 j 09:20	8°♉16'31	
morning set	-3549 Jun 20 j 17:41	20°♉28'35	
	-3549 Jun 25 j 11:05	0°♊	
superior conj	-3549 Jun 28 j 19:10	6°♊39'10	1°45'14
minimum elong	-3549 Jun 28 j 17:35	6°♊31'23	1°45'17
max. Earth dist.	-3549 Jul 04 j 15:05	17°♊51'18	1.37423 AU
evening rise	-3549 Jul 08 j 11:49	24°♊54'59	
	-3549 Jul 11 j 09:08	0°♋	
desc. node	-3549 Jul 26 j 12:39	24°♋06'54	
	-3549 Jul 30 j 16:16	0°♌	
evening max el	-3549 Aug 13 j 09:03	16°♌33'45	25°20'46
retrograde	-3549 Aug 25 j 08:26	23°♌29'53	
evening set	-3549 Aug 31 j 06:51	20°♌57'37	
min. Earth dist.	-3549 Sep 04 j 16:44	15°♌59'46	0.66903 AU
inferior conj	-3549 Sep 05 j 17:04	14°♌40'29	-1°32'57
minimum elong	-3549 Sep 05 j 19:14	14°♌33'23	1°31'58
asc. node	-3549 Sep 10 j 08:32	9°♌24'29	
morning rise	-3549 Sep 11 j 07:44	8°♌40'51	
direct	-3549 Sep 14 j 18:15	7°♌32'21	
morning max el	-3549 Sep 22 j 02:47	11°♌45'49	19°37'45
	-3549 Oct 05 j 14:57	0°♍	
morning set	-3549 Oct 16 j 20:11	17°♍15'30	
desc. node	-3549 Oct 22 j 12:17	26°♍05'58	
	-3549 Oct 25 j 00:00	0°♎	
max. Earth dist.	-3549 Oct 29 j 16:58	7°♎25'45	1.44289 AU
superior conj	-3549 Nov 02 j 13:38	13°♎35'22	-1°06'42
minimum elong	-3549 Nov 02 j 06:38	13°♎07'20	1°05'56
	-3549 Nov 12 j 14:48	0°♏	
evening rise	-3549 Nov 16 j 14:43	6°♏41'01	
	-3549 Nov 30 j 23:53	0°♐	
evening max el	-3549 Dec 05 j 09:54	5°♐27'45	18°22'21
asc. node	-3549 Dec 07 j 07:29	7°♐10'29	
retrograde	-3549 Dec 11 j 23:31	9°♐03'23	
evening set	-3549 Dec 14 j 21:20	8°♐17'46	
inferior conj	-3549 Dec 20 j 22:57	2°♐49'29	3°37'37
minimum elong	-3549 Dec 20 j 20:12	2°♐57'16	3°37'01
min. Earth dist.	-3549 Dec 23 j 04:17	0°♐18'54	0.63932 AU
	-3549 Dec 23 j 11:11	30°℞♏	
morning rise	-3549 Dec 26 j 18:30	26°♏48'15	
direct	-3548 Jan 02 j 17:48	23°♏58'24	
	-3548 Jan 14 j 12:44	0°♐	
morning max el	-3548 Jan 16 j 08:05	1°♐42'47	27°30'13
desc. node	-3548 Jan 18 j 11:47	3°♐56'47	
	-3548 Feb 06 j 09:47	0°♑	
morning set	-3548 Feb 20 j 04:35	24°♑51'03	
	-3548 Feb 22 j 18:07	0°♒	
max. Earth dist.	-3548 Feb 25 j 06:22	5°♒11'04	1.33509 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3548 Feb 28 j 00:32	11°♒00'19	-0°52'31
minimum elong	-3548 Feb 28 j 02:50	11°♒12'33	0°52'11
asc. node	-3548 Mar 04 j 06:46	22°♒15'41	
evening rise	-3548 Mar 06 j 05:13	26°♒21'20	
	-3548 Mar 07 j 23:20	0°♓	
	-3548 Mar 26 j 16:07	0°♈	
evening max el	-3548 Mar 28 j 07:24	1°♈39'09	22°41'28
retrograde	-3548 Apr 10 j 10:30	8°♈05'21	
evening set	-3548 Apr 13 j 13:49	7°♈43'46	
desc. node	-3548 Apr 15 j 10:40	7°♈11'43	
min. Earth dist.	-3548 Apr 21 j 16:43	4°♈10'23	0.55464 AU
inferior conj	-3548 Apr 22 j 21:40	3°♈28'50	-2°00'33
minimum elong	-3548 Apr 22 j 16:34	3°♈36'09	1°58'57
	-3548 Apr 30 j 02:19	30°℞♓	
morning rise	-3548 May 01 j 21:22	29°♓32'01	
direct	-3548 May 04 j 11:24	29°♓16'24	
	-3548 May 08 j 16:16	0°♈	
morning max el	-3548 May 15 j 17:31	4°♈31'54	20°50'37
asc. node	-3548 May 31 j 06:20	27°♈38'42	
	-3548 Jun 01 j 11:06	0°♉	
morning set	-3548 Jun 04 j 00:06	5°♉08'09	
superior conj	-3548 Jun 11 j 13:49	20°♉47'59	1°34'24
minimum elong	-3548 Jun 11 j 11:20	20°♉35'17	1°34'16
max. Earth dist.	-3548 Jun 15 j 23:14	29°♉38'00	1.35737 AU
	-3548 Jun 16 j 03:42	0°♊	
evening rise	-3548 Jun 20 j 05:31	7°♊49'35	
	-3548 Jul 03 j 01:11	0°♋	
desc. node	-3548 Jul 12 j 09:40	13°♋55'53	
	-3548 Jul 25 j 17:56	0°♌	
evening max el	-3548 Jul 25 j 20:08	0°♌05'22	26°24'55
retrograde	-3548 Aug 07 j 14:42	7°♌19'31	
evening set	-3548 Aug 14 j 02:57	4°♌35'14	
min. Earth dist.	-3548 Aug 18 j 04:52	0°♌15'17	0.66126 AU
	-3548 Aug 18 j 09:54	30°℞♋	
inferior conj	-3548 Aug 19 j 17:17	28°♋23'33	-2°23'48
minimum elong	-3548 Aug 19 j 20:30	28°♋13'39	2°22'34
morning rise	-3548 Aug 25 j 14:19	22°♋35'06	
asc. node	-3548 Aug 27 j 05:36	21°♋52'56	
direct	-3548 Aug 28 j 16:14	21°♋41'05	
morning max el	-3548 Sep 04 j 11:42	25°♋29'52	18°47'23
	-3548 Sep 08 j 07:03	0°♌	
morning set	-3548 Sep 25 j 15:05	26°♌35'22	
	-3548 Sep 27 j 18:28	0°♍	
desc. node	-3548 Oct 08 j 09:15	16°♍48'05	
superior conj	-3548 Oct 11 j 15:57	21°♍58'02	-0°20'47
minimum elong	-3548 Oct 11 j 13:13	21°♍47'16	0°20'24
max. Earth dist.	-3548 Oct 11 j 10:01	21°♍34'40	1.44837 AU
	-3548 Oct 16 j 18:10	0°♎	
evening rise	-3548 Oct 27 j 12:00	17°♎06'04	
	-3548 Nov 04 j 13:00	0°♏	
evening max el	-3548 Nov 17 j 21:06	18°♏52'45	18°54'08
asc. node	-3548 Nov 23 j 04:33	22°♏32'16	
retrograde	-3548 Nov 24 j 17:12	22°♏45'16	
evening set	-3548 Nov 27 j 20:44	21°♏48'30	
inferior conj	-3548 Dec 03 j 15:15	16°♏03'38	3°04'42
minimum elong	-3548 Dec 03 j 12:07	16°♏13'16	3°03'46
min. Earth dist.	-3548 Dec 05 j 05:57	14°♏04'36	0.65324 AU
morning rise	-3548 Dec 09 j 03:10	9°♏55'33	
direct	-3548 Dec 15 j 17:32	7°♏05'18	
morning max el	-3548 Dec 28 j 17:39	14°♏39'20	26°45'58
desc. node	-3547 Jan 04 j 08:50	22°♏07'05	
	-3547 Jan 10 j 08:25	0°♐	
	-3547 Jan 29 j 02:35	0°♑	
morning set	-3547 Feb 02 j 14:29	8°♑20'40	
max. Earth dist.	-3547 Feb 06 j 23:17	16°♑53'05	1.34617 AU
superior conj	-3547 Feb 11 j 02:13	25°♑17'53	-1°15'38
minimum elong	-3547 Feb 11 j 05:15	25°♑33'38	1°15'17
	-3547 Feb 13 j 08:17	0°♒	
evening rise	-3547 Feb 18 j 14:36	11°♒01'31	
asc. node	-3547 Feb 19 j 03:46	12°♒09'33	
	-3547 Feb 28 j 14:59	0°♓	
evening max el	-3547 Mar 10 j 06:39	12°♓37'48	21°12'23
retrograde	-3547 Mar 22 j 00:17	18°♓15'05	
evening set	-3547 Mar 24 j 10:42	18°♓01'26	
desc. node	-3547 Apr 02 j 07:47	14°♓15'38	
inferior conj	-3547 Apr 02 j 17:02	14°♓02'33	-0°06'27
minimum elong	-3547 Apr 02 j 16:44	14°♓02'59	0°06'23
transit middle	-3547 Apr 02 j 16:44	14°♓02'59	0°06'23
transit begin	-3547 Apr 02 j 12:59	14°♓08'17	
transit end	-3547 Apr 02 j 20:29	13°♓57'41	
min. Earth dist.	-3547 Apr 03 j 06:45	13°♓43'11	0.55156 AU
morning rise	-3547 Apr 11 j 22:28	9°♓56'01	
direct	-3547 Apr 14 j 23:29	9°♓35'47	
morning max el	-3547 Apr 27 j 18:24	15°♓44'20	22°20'53
	-3547 May 08 j 19:13	0°♈	
asc. node	-3547 May 18 j 03:20	17°♈22'08	
morning set	-3547 May 19 j 10:11	20°♈01'27	
	-3547 May 24 j 03:31	0°♉	
superior conj	-3547 May 26 j 16:12	5°♉21'37	1°18'24
minimum elong	-3547 May 26 j 13:33	5°♉07'37	1°18'06
max. Earth dist.	-3547 May 29 j 17:15	11°♉42'50	1.34401 AU
evening rise	-3547 Jun 03 j 14:26	21°♉31'16	
	-3547 Jun 08 j 01:55	0°♊	
	-3547 Jun 26 j 20:38	0°♋	
desc. node	-3547 Jun 29 j 06:42	3°♋12'08	
evening max el	-3547 Jul 08 j 07:40	13°♋29'20	27°08'44
retrograde	-3547 Jul 21 j 15:31	20°♋51'04	
evening set	-3547 Jul 28 j 14:33	18°♋03'34	
min. Earth dist.	-3547 Aug 01 j 09:32	14°♋21'14	0.64983 AU
inferior conj	-3547 Aug 03 j 11:19	12°♋00'32	-3°10'08
minimum elong	-3547 Aug 03 j 15:10	11°♋49'39	3°08'56
morning rise	-3547 Aug 09 j 16:16	6°♋26'37	
direct	-3547 Aug 12 j 11:57	5°♋43'51	
asc. node	-3547 Aug 14 j 02:40	5°♋57'48	
morning max el	-3547 Aug 19 j 00:51	9°♋16'14	18°13'34
	-3547 Sep 02 j 04:46	0°♌	
morning set	-3547 Sep 06 j 13:26	7°♌15'10	
superior conj	-3547 Sep 20 j 18:42	0°♍26'20	0°28'20
minimum elong	-3547 Sep 20 j 22:07	0°♍39'57	0°27'57
	-3547 Sep 20 j 12:06	0°♍	
max. Earth dist.	-3547 Sep 24 j 04:15	5°♍50'10	1.44652 AU
desc. node	-3547 Sep 25 j 06:13	7°♍32'41	
evening rise	-3547 Oct 07 j 09:00	26°♍29'47	
	-3547 Oct 09 j 15:08	0°♎	
greatest brilliancy	-3547 Oct 19 j 15:27	15°♎24'00	-0.7m
	-3547 Oct 30 j 02:26	0°♏	
evening max el	-3547 Nov 01 j 04:30	2°♏19'43	19°42'19
retrograde	-3547 Nov 08 j 13:51	6°♏37'35	
asc. node	-3547 Nov 10 j 01:38	6°♏24'43	
evening set	-3547 Nov 12 j 01:06	5°♏27'18	
	-3547 Nov 17 j 04:51	30°℞♎	
inferior conj	-3547 Nov 17 j 14:24	29°♎28'48	2°23'10
minimum elong	-3547 Nov 17 j 11:34	29°♎38'04	2°22'08
min. Earth dist.	-3547 Nov 18 j 15:43	28°♎05'57	0.66346 AU
morning rise	-3547 Nov 22 j 21:49	23°♎16'09	
direct	-3547 Nov 28 j 22:52	20°♎37'11	
morning max el	-3547 Dec 11 j 02:44	27°♎48'29	25°38'08
	-3547 Dec 13 j 04:55	0°♏	
desc. node	-3547 Dec 22 j 05:53	11°♏07'43	
	-3546 Jan 04 j 01:28	0°♐	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3546 Jan 16 j 09:05	20°♐59'41		
max. Earth dist.	-3546 Jan 20 j 04:46	28°♐06'38	1.36170 AU	
	-3546 Jan 21 j 04:30	0°♑		
superior conj	-3546 Jan 25 j 19:55	9°♑06'49	-1°35'26	
minimum elong	-3546 Jan 25 j 23:06	9°♑22'46	1°35'13	
evening rise	-3546 Feb 02 j 20:07	25°♑24'20		
	-3546 Feb 05 j 02:59	0°♒		
asc. node	-3546 Feb 06 j 00:47	1°♒47'27		
evening max el	-3546 Feb 20 j 16:01	24°♒09'33	19°57'34	
retrograde	-3546 Mar 02 j 17:02	28°♒55'49		
evening set	-3546 Mar 04 j 23:56	28°♒42'05		
inferior conj	-3546 Mar 13 j 17:01	24°♒41'16	1°44'40	
minimum elong	-3546 Mar 13 j 21:09	24°♒34'56	1°43'17	
min. Earth dist.	-3546 Mar 15 j 20:53	23°♒22'10	0.55780 AU	
desc. node	-3546 Mar 20 j 04:53	21°♒03'46		
morning rise	-3546 Mar 22 j 16:16	20°♒09'25		
direct	-3546 Mar 26 j 16:09	19°♒34'12		
morning max el	-3546 Apr 09 j 11:30	26°♒26'37	23°59'53	
	-3546 Apr 12 j 20:49	0°♓		
	-3546 May 01 j 11:28	0°♈		
morning set	-3546 May 03 j 22:08	5°♈02'42		
asc. node	-3546 May 05 j 00:20	7°♈20'53		
superior conj	-3546 May 10 j 23:44	20°♈12'10	0°58'40	
minimum elong	-3546 May 10 j 21:27	19°♈59'51	0°58'18	
max. Earth dist.	-3546 May 12 j 20:49	24°♈13'48	1.33437 AU	
	-3546 May 15 j 14:29	0°♉		
evening rise	-3546 May 18 j 10:16	5°♉47'06		
	-3546 May 31 j 16:39	0°♊		
desc. node	-3546 Jun 16 j 03:44	21°♊41'56		
evening max el	-3546 Jun 20 j 18:02	26°♊33'38	27°25'16	
	-3546 Jun 24 j 18:17	0°♋		
retrograde	-3546 Jul 04 j 10:26	3°♋56'40		
evening set	-3546 Jul 11 j 14:28	1°♋17'52		
	-3546 Jul 13 j 05:11	30°℞♊		
min. Earth dist.	-3546 Jul 15 j 04:52	28°♊08'38	0.63467 AU	
inferior conj	-3546 Jul 17 j 20:35	25°♊26'18	-3°48'47	
minimum elong	-3546 Jul 18 j 00:15	25°♊16'55	3°47'56	
morning rise	-3546 Jul 24 j 10:56	20°♊10'12		
direct	-3546 Jul 27 j 02:32	19°♊35'59		
asc. node	-3546 Jul 31 j 23:44	21°♊31'59		
morning max el	-3546 Aug 02 j 15:48	23°♊00'32	17°57'19	
	-3546 Aug 08 j 03:38	0°♋		
morning set	-3546 Aug 19 j 12:53	19°♋06'36		
	-3546 Aug 25 j 20:03	0°♌		
superior conj	-3546 Aug 31 j 18:10	9°♌57'26	1°08'37	
minimum elong	-3546 Aug 31 j 23:54	10°♌21'08	1°08'06	
max. Earth dist.	-3546 Sep 06 j 20:20	19°♌53'12	1.43765 AU	
desc. node	-3546 Sep 12 j 03:10	28°♌16'48		
	-3546 Sep 13 j 05:29	0°♍		
evening rise	-3546 Sep 16 j 14:32	5°♍15'13		
	-3546 Oct 03 j 01:46	0°♎		
evening max el	-3546 Oct 15 j 06:21	15°♎45'59	20°44'45	
retrograde	-3546 Oct 23 j 11:07	20°♎36'44		
evening set	-3546 Oct 27 j 08:13	19°♎10'29		
asc. node	-3546 Oct 27 j 22:44	18°♎41'23		
inferior conj	-3546 Nov 01 j 18:00	13°♎01'36	1°35'44	
minimum elong	-3546 Nov 01 j 15:56	13°♎08'39	1°34'54	
min. Earth dist.	-3546 Nov 02 j 07:30	12°♎15'43	0.67019 AU	
morning rise	-3546 Nov 06 j 23:29	6°♎46'41		
direct	-3546 Nov 12 j 09:21	4°♎26'03		
morning max el	-3546 Nov 23 j 11:28	11°♎02'41	24°16'03	
	-3546 Dec 08 j 14:38	0°♏		
desc. node	-3546 Dec 09 j 02:53	0°♏43'35		
	-3546 Dec 27 j 19:19	0°♐		

morning set	-3546 Dec 29 j 06:30	2°♐31'21		
max. Earth dist.	-3545 Jan 02 j 02:08	9°♐15'50	1.38087 AU	
superior conj	-3545 Jan 09 j 02:07	22°♐16'25	-1°49'45	
minimum elong	-3545 Jan 09 j 04:27	22°♐27'34	1°49'46	
	-3545 Jan 13 j 01:33	0°♑		
evening rise	-3545 Jan 17 j 19:24	9°♑22'19		
asc. node	-3545 Jan 23 j 21:51	21°♑02'39		
	-3545 Jan 29 j 07:56	0°♒		
evening max el	-3545 Feb 03 j 11:40	6°♒16'26	19°01'19	
retrograde	-3545 Feb 12 j 00:18	10°♒21'46		
evening set	-3545 Feb 14 j 09:32	10°♒03'55		
inferior conj	-3545 Feb 22 j 09:10	5°♒48'37	3°05'50	
minimum elong	-3545 Feb 22 j 13:52	5°♒40'19	3°04'40	
min. Earth dist.	-3545 Feb 25 j 12:17	3°♒37'23	0.57186 AU	
morning rise	-3545 Mar 02 j 15:32	0°♒46'04		
	-3545 Mar 05 j 02:15	30°℞♑		
desc. node	-3545 Mar 07 j 02:00	29°♑43'02		
direct	-3545 Mar 07 j 20:51	29°♑41'33		
	-3545 Mar 10 j 15:41	0°♒		
morning max el	-3545 Mar 22 j 02:33	7°♒02'23	25°34'39	
	-3545 Apr 07 j 23:48	0°♓		
morning set	-3545 Apr 18 j 10:13	20°♓04'43		
asc. node	-3545 Apr 21 j 21:21	27°♓28'51		
	-3545 Apr 23 j 01:11	0°♈		
superior conj	-3545 Apr 25 j 10:17	5°♈11'22	0°36'15	
minimum elong	-3545 Apr 25 j 08:45	5°♈03'00	0°35'56	
max. Earth dist.	-3545 Apr 26 j 06:56	7°♈03'54	1.32825 AU	
evening rise	-3545 May 02 j 13:32	20°♈25'13		
	-3545 May 07 j 09:01	0°♉		
	-3545 May 26 j 00:04	0°♊		
evening max el	-3545 Jun 03 j 00:38	9°♊04'59	27°10'04	
desc. node	-3545 Jun 03 j 00:48	9°♊05'24		
retrograde	-3545 Jun 16 j 22:51	16°♊26'55		
evening set	-3545 Jun 23 j 22:45	14°♊10'59		
min. Earth dist.	-3545 Jun 27 j 14:11	11°♊23'58	0.61615 AU	
inferior conj	-3545 Jun 30 j 17:54	8°♊33'23	-4°14'57	
minimum elong	-3545 Jun 30 j 20:10	8°♊28'16	4°14'36	
morning rise	-3545 Jul 07 j 19:06	3°♊37'52		
direct	-3545 Jul 10 j 08:26	3°♊10'13		
morning max el	-3545 Jul 17 j 05:48	6°♊36'25	17°59'37	
asc. node	-3545 Jul 18 j 20:49	8°♊20'35		
	-3545 Aug 01 j 06:52	0°♋		
morning set	-3545 Aug 02 j 08:01	1°♋54'50		
superior conj	-3545 Aug 12 j 21:25	20°♋51'31	1°34'42	
minimum elong	-3545 Aug 13 j 01:40	21°♋09'58	1°34'30	
	-3545 Aug 18 j 05:55	0°♌		
max. Earth dist.	-3545 Aug 20 j 07:08	3°♌24'40	1.42302 AU	
evening rise	-3545 Aug 26 j 23:13	14°♌11'27		
desc. node	-3545 Aug 30 j 00:07	18°♌57'22		
	-3545 Sep 06 j 06:01	0°♍		
evening max el	-3545 Sep 28 j 01:59	29°♍11'27	21°58'15	
	-3545 Sep 28 j 21:34	0°♎		
retrograde	-3545 Oct 07 j 07:08	4°♎40'12		
evening set	-3545 Oct 11 j 16:12	2°♎55'53		
asc. node	-3545 Oct 14 j 19:51	29°♍35'37		
	-3545 Oct 14 j 12:04	30°℞♍		
inferior conj	-3545 Oct 17 j 00:04	26°♍40'12	0°44'31	
minimum elong	-3545 Oct 16 j 23:03	26°♍43'43	0°44'06	
min. Earth dist.	-3545 Oct 17 j 02:55	26°♍30'20	0.67374 AU	
morning rise	-3545 Oct 22 j 05:45	20°♍25'37		
direct	-3545 Oct 27 j 00:27	18°♍26'16		
morning max el	-3545 Nov 05 j 21:54	24°♍20'12	22°49'24	
	-3545 Nov 10 j 22:22	0°♎		
desc. node	-3545 Nov 25 j 23:53	20°♎44'38		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3545 Dec 02 j 02:08	0°♏	
morning set	-3545 Dec 10 j 00:53	12°♏41'59	
max. Earth dist.	-3545 Dec 14 j 22:21	20°♏54'30	1.40161 AU
	-3545 Dec 20 j 03:14	0°♐	
superior conj	-3545 Dec 22 j 16:15	4°♐35'04	-1°55'38
minimum elong	-3545 Dec 22 j 16:18	4°♐35'15	1°55'46
evening rise	-3544 Jan 01 j 09:39	22°♐48'42	
	-3544 Jan 05 j 05:11	0°♑	
asc. node	-3544 Jan 10 j 18:55	9°♑47'41	
evening max el	-3544 Jan 17 j 15:46	18°♑54'01	18°25'08
retrograde	-3544 Jan 25 j 01:59	22°♑33'22	
evening set	-3544 Jan 27 j 14:39	22°♑09'13	
inferior conj	-3544 Feb 03 j 21:50	17°♑33'54	3°49'32
minimum elong	-3544 Feb 04 j 00:18	17°♑28'52	3°49'09
min. Earth dist.	-3544 Feb 07 j 07:17	14°♑48'22	0.59073 AU
morning rise	-3544 Feb 11 j 07:46	12°♑06'38	
direct	-3544 Feb 17 j 14:45	10°♑23'09	
desc. node	-3544 Feb 21 j 23:08	11°♑10'41	
morning max el	-3544 Mar 02 j 21:07	17°♑59'00	26°49'51
	-3544 Mar 12 j 22:09	0°♒	
	-3544 Mar 30 j 10:00	0°♓	
morning set	-3544 Apr 01 j 20:42	5°♓01'08	
asc. node	-3544 Apr 07 j 18:22	17°♓41'34	
superior conj	-3544 Apr 08 j 22:02	20°♓12'55	0°12'04
minimum elong	-3544 Apr 08 j 21:30	20°♓10'00	0°11'54
behind sun begin	-3544 Apr 08 j 18:12	19°♓51'56	
behind sun end	-3544 Apr 09 j 00:48	20°♓28'04	
max. Earth dist.	-3544 Apr 08 j 20:03	20°♓02'04	1.32555 AU
	-3544 Apr 13 j 09:56	0°♈	
evening rise	-3544 Apr 15 j 21:39	5°♈16'45	
	-3544 Apr 29 j 02:30	0°♉	
evening max el	-3544 May 15 j 01:31	20°♉55'20	26°22'26
desc. node	-3544 May 19 j 21:55	24°♉54'55	
retrograde	-3544 May 29 j 03:28	28°♉13'39	
evening set	-3544 Jun 04 j 11:14	26°♉32'59	
min. Earth dist.	-3544 Jun 08 j 14:37	23°♉51'50	0.59575 AU
inferior conj	-3544 Jun 11 j 23:39	21°♉12'53	-4°21'17
minimum elong	-3544 Jun 11 j 23:00	21°♉14'10	4°21'10
morning rise	-3544 Jun 19 j 13:07	16°♉39'04	
direct	-3544 Jun 22 j 01:22	16°♉16'32	
morning max el	-3544 Jun 29 j 15:55	19°♉55'41	18°21'21
asc. node	-3544 Jul 04 j 17:53	26°♉08'00	
	-3544 Jul 07 j 05:28	0°♊	
morning set	-3544 Jul 15 j 17:40	15°♊26'29	
	-3544 Jul 23 j 10:25	0°♋	
superior conj	-3544 Jul 25 j 01:23	2°♋59'43	1°47'05
minimum elong	-3544 Jul 25 j 02:58	3°♋06'57	1°47'10
max. Earth dist.	-3544 Aug 01 j 12:01	16°♋13'12	1.40468 AU
evening rise	-3544 Aug 06 j 04:14	24°♋06'02	
	-3544 Aug 09 j 19:16	0°♌	
desc. node	-3544 Aug 15 j 21:06	9°♌30'30	
	-3544 Aug 30 j 03:08	0°♍	
evening max el	-3544 Sep 09 j 16:22	12°♍37'41	23°18'09
retrograde	-3544 Sep 20 j 00:23	18°♍44'43	
evening set	-3544 Sep 24 j 23:14	16°♍41'08	
inferior conj	-3544 Sep 30 j 06:45	10°♍22'16	-0°08'47
minimum elong	-3544 Sep 30 j 06:57	10°♍21'35	0°08'38
transit middle	-3544 Sep 30 j 06:57	10°♍21'35	0°08'38
transit begin	-3544 Sep 30 j 04:39	10°♍29'28	
transit end	-3544 Sep 30 j 09:15	10°♍13'41	
min. Earth dist.	-3544 Sep 29 j 23:25	10°♍47'27	0.67435 AU
asc. node	-3544 Sep 30 j 16:59	9°♍47'08	
morning rise	-3544 Oct 05 j 14:34	4°♍10'58	
direct	-3544 Oct 09 j 19:18	2°♍32'56	
morning max el	-3544 Oct 18 j 13:07	7°♍42'54	21°26'29
	-3544 Nov 04 j 11:48	0°♎	
desc. node	-3544 Nov 11 j 20:51	11°♎03'00	
morning set	-3544 Nov 18 j 15:03	21°♎32'14	
	-3544 Nov 23 j 21:56	0°♏	
max. Earth dist.	-3544 Nov 25 j 23:55	3°♏24'17	1.42113 AU
superior conj	-3544 Dec 03 j 08:40	15°♏48'23	-1°49'21
minimum elong	-3544 Dec 03 j 05:03	15°♏32'48	1°49'16
	-3544 Dec 11 j 09:22	0°♐	
evening rise	-3544 Dec 14 j 11:14	5°♐34'51	
asc. node	-3544 Dec 27 j 15:59	27°♐52'40	
	-3544 Dec 29 j 07:52	0°♑	
evening max el	-3544 Dec 31 j 01:28	1°♑53'44	18°08'59
retrograde	-3543 Jan 06 j 20:10	5°♑21'54	
evening set	-3543 Jan 09 j 12:06	4°♑50'10	
inferior conj	-3543 Jan 16 j 05:36	29°♐53'18	4°01'46
minimum elong	-3543 Jan 16 j 05:22	29°♐53'52	4°01'38
	-3543 Jan 16 j 02:46	30°℞♐	
min. Earth dist.	-3543 Jan 19 j 08:32	26°♐57'36	0.61095 AU
morning rise	-3543 Jan 22 j 21:17	24°♐09'18	
direct	-3543 Jan 29 j 19:19	21°♐49'50	
desc. node	-3543 Feb 07 j 20:14	25°♐14'56	
morning max el	-3543 Feb 12 j 21:40	29°♐32'36	27°33'55
	-3543 Feb 13 j 08:44	0°♑	
	-3543 Mar 06 j 18:59	0°♒	
morning set	-3543 Mar 17 j 03:42	19°♒45'12	
	-3543 Mar 22 j 00:05	0°♓	
max. Earth dist.	-3543 Mar 23 j 08:32	2°♓55'51	1.32629 AU
superior conj	-3543 Mar 24 j 09:19	5°♓10'48	-0°13'06
minimum elong	-3543 Mar 24 j 09:55	5°♓14'03	0°13'03
behind sun begin	-3543 Mar 24 j 07:02	4°♓58'22	
behind sun end	-3543 Mar 24 j 12:47	5°♓29'44	
asc. node	-3543 Mar 25 j 15:23	7°♓54'57	
evening rise	-3543 Mar 31 j 08:30	20°♓14'21	
	-3543 Apr 05 j 03:41	0°♈	
	-3543 Apr 24 j 18:43	0°♉	
evening max el	-3543 Apr 26 j 20:31	2°♉06'11	25°07'20
desc. node	-3543 May 06 j 19:02	8°♉35'28	
retrograde	-3543 May 10 j 21:41	9°♉14'50	
evening set	-3543 May 16 j 01:55	8°♉12'53	
min. Earth dist.	-3543 May 21 j 08:47	5°♉21'18	0.57611 AU
inferior conj	-3543 May 24 j 10:34	3°♉15'59	-3°57'46
minimum elong	-3543 May 24 j 06:16	3°♉23'21	3°57'05
	-3543 May 29 j 20:59	30°℞♈	
morning rise	-3543 Jun 01 j 13:33	29°♈02'26	
direct	-3543 Jun 04 j 01:25	28°♈43'54	
	-3543 Jun 08 j 22:41	0°♉	
morning max el	-3543 Jun 12 j 19:12	2°♉49'14	19°03'21
asc. node	-3543 Jun 21 j 14:55	14°♉40'58	
morning set	-3543 Jun 29 j 13:48	29°♉31'44	
	-3543 Jun 29 j 19:32	0°♊	
superior conj	-3543 Jul 08 j 00:22	16°♊06'43	1°48'24
minimum elong	-3543 Jul 07 j 23:42	16°♊03'30	1°48'32
max. Earth dist.	-3543 Jul 14 j 14:06	28°♊23'24	1.38515 AU
	-3543 Jul 15 j 11:33	0°♋	
evening rise	-3543 Jul 18 j 11:30	5°♋17'29	
desc. node	-3543 Aug 02 j 18:06	29°♋51'58	
	-3543 Aug 02 j 20:16	0°♌	
evening max el	-3543 Aug 23 j 03:54	26°♌07'39	24°37'54
	-3543 Aug 27 j 14:58	0°♍	
retrograde	-3543 Sep 03 j 13:47	2°♍47'42	
evening set	-3543 Sep 09 j 03:35	0°♍25'17	
	-3543 Sep 09 j 14:47	30°℞♌	
min. Earth dist.	-3543 Sep 13 j 18:32	25°♌06'16	0.67197 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3543	Sep	14	j 12:21	24°♌06'45	-1°02'28	morning rise	-3542	Sep	04	j 08:17	1°♌55'51	
minimum elong	-3543	Sep	14	j 13:49	24°♌01'49	1°01'46	asc. node	-3542	Sep	04	j 11:09	1°♌51'26	
asc. node	-3543	Sep	17	j 14:05	20°♌15'25		direct	-3542	Sep	07	j 14:56	0°♌53'49	
morning rise	-3543	Sep	20	j 00:03	18°♌01'55		morning max el	-3542	Sep	14	j 16:55	4°♌55'14	19°14'22
direct	-3543	Sep	23	j 16:41	16°♌43'19			-3542	Oct	02	j 10:22	0°♍	
morning max el	-3543	Oct	01	j 11:25	21°♌14'38	20°13'33	morning set	-3542	Oct	07	j 19:17	8°♍24'04	
	-3543	Oct	08	j 14:56	0°♍		desc. node	-3542	Oct	16	j 14:46	22°♍12'54	
morning set	-3543	Oct	28	j 13:19	29°♍43'17			-3542	Oct	21	j 13:27	0°♎	
	-3543	Oct	28	j 17:38	0°♎		max. Earth dist.	-3542	Oct	22	j 01:00	0°♎45'38	1.44613 AU
desc. node	-3543	Oct	29	j 17:48	1°♎33'45								
max. Earth dist.	-3543	Nov	08	j 09:22	16°♎46'23	1.43668 AU	superior conj	-3542	Oct	24	j 10:16	4°♎32'19	-0°48'25
							minimum elong	-3542	Oct	24	j 04:26	4°♎09'12	0°47'43
superior conj	-3543	Nov	13	j 22:25	25°♎45'36	-1°27'12	evening rise	-3542	Nov	08	j 07:15	28°♎34'28	
minimum elong	-3543	Nov	13	j 15:34	25°♎17'32	1°26'36		-3542	Nov	09	j 04:02	0°♏	
	-3543	Nov	16	j 12:03	0°♏		evening max el	-3542	Nov	28	j 02:07	28°♏29'56	18°33'46
evening rise	-3543	Nov	26	j 19:56	17°♏32'52			-3542	Nov	29	j 16:51	0°♐	
	-3543	Dec	04	j 01:35	0°♐		asc. node	-3542	Dec	01	j 10:07	1°♐12'50	
evening max el	-3543	Dec	14	j 13:50	15°♐07'41	18°12'10	retrograde	-3542	Dec	04	j 17:34	2°♐11'44	
asc. node	-3543	Dec	14	j 13:04	15°♐05'44		evening set	-3542	Dec	07	j 17:39	1°♐21'28	
retrograde	-3543	Dec	21	j 02:46	18°♐37'21			-3542	Dec	09	j 15:40	30°℞♏	
evening set	-3543	Dec	23	j 22:14	17°♐57'03		inferior conj	-3542	Dec	13	j 15:57	25°♏45'30	3°24'56
inferior conj	-3543	Dec	30	j 04:53	12°♐39'25	3°51'12	minimum elong	-3542	Dec	13	j 12:57	25°♏54'22	3°24'10
minimum elong	-3543	Dec	30	j 02:45	12°♐45'06	3°50'49	min. Earth dist.	-3542	Dec	15	j 14:50	23°♏27'45	0.64564 AU
min. Earth dist.	-3542	Jan	01	j 18:38	9°♐55'25	0.62979 AU	morning rise	-3542	Dec	19	j 07:50	19°♏41'06	
morning rise	-3542	Jan	05	j 06:33	6°♐43'43		direct	-3542	Dec	26	j 03:53	16°♏49'47	
direct	-3542	Jan	12	j 08:08	4°♐00'47		morning max el	-3541	Jan	08	j 12:56	24°♏30'41	27°15'01
desc. node	-3542	Jan	25	j 17:18	11°♐20'11		desc. node	-3541	Jan	12	j 14:19	28°♏52'46	
morning max el	-3542	Jan	26	j 03:41	11°♐45'32	27°41'50		-3541	Jan	13	j 13:18	0°♐	
	-3542	Feb	09	j 16:13	0°♑			-3541	Feb	03	j 01:10	0°♑	
	-3542	Feb	27	j 02:52	0°♒		morning set	-3541	Feb	12	j 21:28	18°♑01'02	
morning set	-3542	Mar	01	j 04:54	4°♒08'15		max. Earth dist.	-3541	Feb	17	j 16:06	27°♑35'28	1.33925 AU
max. Earth dist.	-3542	Mar	06	j 16:30	15°♒30'50	1.33074 AU		-3541	Feb	18	j 20:04	0°♒	
superior conj	-3542	Mar	08	j 18:23	19°♒58'10	-0°38'20	superior conj	-3541	Feb	20	j 23:23	4°♒28'40	-1°02'36
minimum elong	-3542	Mar	08	j 20:06	20°♒07'24	0°38'05	minimum elong	-3541	Feb	21	j 02:03	4°♒42'43	1°02'15
asc. node	-3542	Mar	12	j 12:22	28°♒04'18		asc. node	-3541	Feb	27	j 09:23	18°♒05'30	
	-3542	Mar	13	j 09:52	0°♓		evening rise	-3541	Feb	28	j 06:55	19°♒58'21	
evening rise	-3542	Mar	15	j 20:10	5°♓10'20			-3541	Mar	05	j 06:12	0°♓	
	-3542	Mar	29	j 06:12	0°♈		evening max el	-3541	Mar	21	j 06:56	23°♓36'39	22°02'16
evening max el	-3542	Apr	08	j 12:19	12°♈51'00	23°35'51	retrograde	-3541	Apr	02	j 21:16	29°♓43'50	
retrograde	-3542	Apr	22	j 03:10	19°♈37'35		evening set	-3541	Apr	05	j 15:42	29°♓26'48	
desc. node	-3542	Apr	23	j 16:09	19°♈32'16		desc. node	-3541	Apr	10	j 13:14	27°♓43'54	
evening set	-3542	Apr	25	j 23:05	19°♈05'21		min. Earth dist.	-3541	Apr	14	j 13:09	25°♓36'31	0.55221 AU
min. Earth dist.	-3542	May	02	j 23:25	15°♈50'55	0.56055 AU	inferior conj	-3541	Apr	15	j 00:37	25°♓20'21	-1°14'03
inferior conj	-3542	May	05	j 01:22	14°♈36'01	-2°54'57	minimum elong	-3541	Apr	14	j 21:15	25°♓25'07	1°12'54
minimum elong	-3542	May	04	j 19:16	14°♈45'12	2°53'20	morning rise	-3541	Apr	24	j 04:03	21°♓22'07	
morning rise	-3542	May	13	j 18:16	10°♈36'55		direct	-3541	Apr	26	j 21:20	21°♓05'32	
direct	-3542	May	16	j 06:44	10°♈20'57		morning max el	-3541	May	08	j 20:01	26°♓43'07	21°27'19
morning max el	-3542	May	26	j 13:00	15°♈06'47	20°05'52		-3541	May	11	j 23:10	0°♈	
	-3542	Jun	06	j 09:41	0°♉		asc. node	-3541	May	26	j 08:56	23°♈20'01	
asc. node	-3542	Jun	08	j 11:55	3°♉47'45		morning set	-3541	May	29	j 01:25	28°♈47'30	
morning set	-3542	Jun	13	j 17:11	14°♉01'00			-3541	May	29	j 15:25	0°♉	
superior conj	-3542	Jun	21	j 13:04	29°♉56'33	1°41'22	superior conj	-3541	Jun	05	j 11:24	14°♉17'24	1°28'10
minimum elong	-3542	Jun	21	j 11:00	29°♉46'13	1°41'21	minimum elong	-3541	Jun	05	j 08:46	14°♉03'45	1°27'57
	-3542	Jun	21	j 13:45	0°♊		max. Earth dist.	-3541	Jun	09	j 06:47	22°♉04'42	1.35126 AU
max. Earth dist.	-3542	Jun	26	j 18:36	10°♊11'59	1.36676 AU		-3541	Jun	13	j 07:30	0°♊	
evening rise	-3542	Jun	30	j 18:06	17°♊38'07		evening rise	-3541	Jun	13	j 18:52	0°♊54'21	
	-3542	Jul	07	j 19:29	0°♋			-3541	Jun	30	j 20:13	0°♋	
desc. node	-3542	Jul	20	j 15:08	19°♋55'08		desc. node	-3541	Jul	07	j 12:10	9°♋31'45	
	-3542	Jul	28	j 02:22	0°♌		evening max el	-3541	Jul	19	j 01:57	23°♋08'50	26°46'20
evening max el	-3542	Aug	05	j 14:44	9°♌39'48	25°49'59		-3541	Jul	29	j 04:36	0°♌	
retrograde	-3542	Aug	17	j 22:40	16°♌44'08		retrograde	-3541	Aug	01	j 02:40	0°♌27'22	
evening set	-3542	Aug	24	j 03:19	14°♌05'56			-3541	Aug	03	j 21:11	30°℞♋	
min. Earth dist.	-3542	Aug	28	j 09:47	9°♌24'13	0.66625 AU	evening set	-3541	Aug	07	j 20:10	27°♋40'06	
inferior conj	-3542	Aug	29	j 15:04	7°♌51'01	-1°54'54	min. Earth dist.	-3541	Aug	11	j 18:51	23°♋36'42	0.65692 AU
minimum elong	-3542	Aug	29	j 17:44	7°♌42'33	1°53'47	inferior conj	-3541	Aug	13	j 12:56	21°♋31'48	-2°44'11

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3541 Aug 13 j 16:30	21°♋21'13	2°42'55
morning rise	-3541 Aug 19 j 13:11	15°♋49'28	
asc. node	-3541 Aug 22 j 08:13	15°♋00'50	
direct	-3541 Aug 22 j 12:09	15°♋00'41	
morning max el	-3541 Aug 29 j 04:01	18°♋41'18	18°30'54
	-3541 Sep 06 j 15:42	0°♌	
morning set	-3541 Sep 18 j 01:37	18°♌17'39	
	-3541 Sep 25 j 08:01	0°♍	
superior conj	-3541 Oct 03 j 09:48	12°♍49'00	0°00'31
minimum elong	-3541 Oct 03 j 09:53	12°♍49'19	0°00'33
behind sun begin	-3541 Oct 02 j 22:35	12°♍04'42	
behind sun end	-3541 Oct 03 j 21:12	13°♍33'55	
desc. node	-3541 Oct 03 j 11:43	12°♍56'34	
max. Earth dist.	-3541 Oct 04 j 19:06	15°♍00'14	1.44844 AU
	-3541 Oct 14 j 07:50	0°♎	
evening rise	-3541 Oct 19 j 17:53	8°♎32'39	
greatest brilliancy	-3541 Oct 29 j 01:26	23°♎13'07	-0.8m
	-3541 Nov 02 j 11:31	0°♏	
evening max el	-3541 Nov 11 j 11:52	11°♏55'39	19°12'42
asc. node	-3541 Nov 18 j 07:12	15°♏58'06	
retrograde	-3541 Nov 18 j 12:58	15°♏58'26	
evening set	-3541 Nov 21 j 19:27	14°♏56'17	
inferior conj	-3541 Nov 27 j 11:30	9°♏05'02	2°47'56
minimum elong	-3541 Nov 27 j 08:26	9°♏14'47	2°46'57
min. Earth dist.	-3541 Nov 28 j 20:17	7°♏21'06	0.65796 AU
morning rise	-3541 Dec 02 j 21:08	2°♏54'28	
direct	-3541 Dec 09 j 06:02	0°♏07'59	
morning max el	-3541 Dec 21 j 22:40	7°♏34'41	26°19'32
desc. node	-3541 Dec 30 j 11:21	17°♏26'34	
	-3540 Jan 08 j 11:38	0°♐	
	-3540 Jan 26 j 10:18	0°♑	
morning set	-3540 Jan 27 j 01:29	1°♑10'51	
max. Earth dist.	-3540 Jan 31 j 04:07	9°♑03'35	1.35221 AU
superior conj	-3540 Feb 04 j 21:59	18°♑34'33	-1°24'34
minimum elong	-3540 Feb 05 j 01:11	18°♑50'54	1°24'15
	-3540 Feb 10 j 10:24	0°♒	
evening rise	-3540 Feb 12 j 14:53	4°♒31'29	
asc. node	-3540 Feb 14 j 06:25	7°♒53'06	
	-3540 Feb 27 j 03:56	0°♓	
evening max el	-3540 Mar 02 j 10:07	4°♓47'26	20°38'28
retrograde	-3540 Mar 13 j 11:03	10°♓03'00	
evening set	-3540 Mar 15 j 18:26	9°♓50'08	
inferior conj	-3540 Mar 24 j 20:08	5°♓52'18	0°43'02
minimum elong	-3540 Mar 24 j 22:04	5°♓49'30	0°42'19
min. Earth dist.	-3540 Mar 26 j 03:19	5°♓07'06	0.55305 AU
desc. node	-3540 Mar 27 j 10:20	4°♓23'10	
morning rise	-3540 Apr 03 j 00:28	1°♓36'12	
direct	-3540 Apr 06 j 09:30	1°♓11'22	
morning max el	-3540 Apr 19 j 17:10	7°♓40'52	23°02'40
	-3540 May 05 j 13:35	0°♈	
asc. node	-3540 May 12 j 05:58	13°♈10'47	
morning set	-3540 May 12 j 12:30	13°♈44'56	
superior conj	-3540 May 19 j 16:17	28°♈59'35	1°10'26
minimum elong	-3540 May 19 j 13:44	28°♈45'58	1°10'05
	-3540 May 20 j 03:39	0°♉	
max. Earth dist.	-3540 May 22 j 04:50	4°♉19'35	1.33941 AU
evening rise	-3540 May 27 j 08:53	14°♉52'12	
	-3540 Jun 04 j 10:58	0°♊	
desc. node	-3540 Jun 23 j 09:12	28°♊30'44	
	-3540 Jun 24 j 14:35	0°♋	
evening max el	-3540 Jun 30 j 13:05	6°♋25'55	27°19'24
retrograde	-3540 Jul 14 j 01:20	13°♋49'42	
evening set	-3540 Jul 21 j 03:19	11°♋04'02	
min. Earth dist.	-3540 Jul 24 j 19:48	7°♋36'44	0.64380 AU
inferior conj	-3540 Jul 27 j 03:38	5°♋05'17	-3°27'45
minimum elong	-3540 Jul 27 j 07:32	4°♋54'42	3°26'40
	-3540 Aug 01 j 20:01	30°℞♊	
morning rise	-3540 Aug 02 j 12:25	29°♊38'43	
direct	-3540 Aug 05 j 05:59	29°♊00'04	
asc. node	-3540 Aug 08 j 05:18	29°♊45'38	
	-3540 Aug 08 j 15:58	0°♋	
morning max el	-3540 Aug 11 j 18:22	2°♋28'20	18°04'25
morning set	-3540 Aug 29 j 11:18	29°♋30'02	
	-3540 Aug 29 j 18:22	0°♌	
superior conj	-3540 Sep 11 j 19:44	21°♌40'09	0°47'00
minimum elong	-3540 Sep 12 j 00:44	22°♌00'19	0°46'28
max. Earth dist.	-3540 Sep 16 j 12:17	29°♌11'07	1.44351 AU
	-3540 Sep 17 j 00:35	0°♍	
desc. node	-3540 Sep 19 j 08:41	3°♍41'45	
evening rise	-3540 Sep 28 j 06:34	17°♍35'42	
	-3540 Oct 06 j 08:33	0°♎	
greatest brilliancy	-3540 Oct 12 j 00:40	8°♎32'03	-0.6m
evening max el	-3540 Oct 24 j 17:04	25°♎22'43	20°07'17
retrograde	-3540 Nov 01 j 10:10	29°♎54'05	
asc. node	-3540 Nov 04 j 04:17	29°♎10'04	
evening set	-3540 Nov 05 j 01:14	28°♎37'31	
inferior conj	-3540 Nov 10 j 12:51	22°♎34'18	2°03'37
minimum elong	-3540 Nov 10 j 10:18	22°♎42'49	2°02'39
min. Earth dist.	-3540 Nov 11 j 09:03	21°♎26'54	0.66674 AU
morning rise	-3540 Nov 15 j 19:09	16°♎20'08	
direct	-3540 Nov 21 j 13:50	13°♎48'05	
morning max el	-3540 Dec 03 j 07:25	20°♎46'37	25°04'14
	-3540 Dec 11 j 07:06	0°♏	
desc. node	-3540 Dec 16 j 08:24	6°♏43'53	
	-3540 Dec 31 j 16:27	0°♐	
morning set	-3539 Jan 08 j 11:50	13°♐23'15	
max. Earth dist.	-3539 Jan 12 j 04:56	20°♐08'49	1.36949 AU
	-3539 Jan 17 j 09:09	0°♑	
superior conj	-3539 Jan 18 j 11:16	2°♑07'53	-1°42'21
minimum elong	-3539 Jan 18 j 14:15	2°♑22'30	1°42'14
evening rise	-3539 Jan 26 j 18:02	18°♑44'04	
asc. node	-3539 Jan 31 j 03:27	27°♑21'55	
	-3539 Feb 01 j 13:12	0°♒	
evening max el	-3539 Feb 13 j 00:04	16°♒34'29	19°31'16
retrograde	-3539 Feb 22 j 08:34	21°♒01'14	
evening set	-3539 Feb 24 j 16:05	20°♒46'11	
inferior conj	-3539 Mar 05 j 01:55	16°♒40'44	2°23'40
minimum elong	-3539 Mar 05 j 06:47	16°♒32'51	2°22'13
min. Earth dist.	-3539 Mar 07 j 18:06	14°♒57'33	0.56296 AU
morning rise	-3539 Mar 13 j 18:51	11°♒55'24	
desc. node	-3539 Mar 14 j 07:28	11°♒45'25	
direct	-3539 Mar 18 j 07:16	11°♒09'08	
morning max el	-3539 Apr 01 j 08:30	18°♒16'20	24°41'40
	-3539 Apr 11 j 01:03	0°♓	
morning set	-3539 Apr 27 j 00:42	28°♓46'53	
	-3539 Apr 27 j 14:34	0°♈	
asc. node	-3539 Apr 29 j 02:59	3°♈13'55	
superior conj	-3539 May 04 j 01:19	13°♈54'33	0°49'26
minimum elong	-3539 May 03 j 23:19	13°♈43'40	0°49'05
max. Earth dist.	-3539 May 05 j 11:26	16°♈58'55	1.33128 AU
evening rise	-3539 May 11 j 08:14	29°♈18'50	
	-3539 May 11 j 16:20	0°♉	
	-3539 May 28 j 13:58	0°♊	
desc. node	-3539 Jun 10 j 06:17	16°♊35'38	
evening max el	-3539 Jun 12 j 22:18	19°♊18'27	27°23'00
retrograde	-3539 Jun 26 j 17:49	26°♊41'24	
evening set	-3539 Jul 03 j 21:09	24°♊10'53	
min. Earth dist.	-3539 Jul 07 j 11:07	21°♊12'30	0.62708 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3539 Jul	10 j 08:17	18°♊24'42	-4°01'50
minimum elong	-3539 Jul	10 j 11:32	18°♊16'47	4°01'11
morning rise	-3539 Jul	17 j 03:03	13°♊16'50	
direct	-3539 Jul	19 j 17:25	12°♊45'40	
asc. node	-3539 Jul	26 j 02:24	15°♊53'31	
morning max el	-3539 Jul	26 j 09:15	16°♊10'03	17°55'55
	-3539 Aug	05 j 02:42	0°♋	
morning set	-3539 Aug	11 j 19:54	11°♋47'59	
	-3539 Aug	22 j 05:51	0°♌	
superior conj	-3539 Aug	23 j 06:57	1°♌46'22	1°21'29
minimum elong	-3539 Aug	23 j 12:21	2°♌09'12	1°21'03
max. Earth dist.	-3539 Aug	30 j 02:12	13°♌02'11	1.43208 AU
desc. node	-3539 Sep	06 j 05:38	24°♌25'01	
evening rise	-3539 Sep	07 j 10:56	26°♌19'21	
	-3539 Sep	09 j 19:56	0°♍	
	-3539 Sep	30 j 08:24	0°♎	
evening max el	-3539 Oct	07 j 16:24	8°♎49'14	21°14'57
retrograde	-3539 Oct	16 j 07:01	13°♎55'20	
evening set	-3539 Oct	20 j 08:57	12°♎21'45	
asc. node	-3539 Oct	22 j 01:25	10°♎48'40	
inferior conj	-3539 Oct	25 j 17:46	6°♎09'49	1°14'22
minimum elong	-3539 Oct	25 j 16:06	6°♎15'30	1°13'41
min. Earth dist.	-3539 Oct	26 j 02:41	5°♎39'10	0.67215 AU
morning rise	-3539 Oct	30 j 23:05	29°♍54'46	
	-3539 Oct	30 j 20:42	30°℞♍	
direct	-3539 Nov	05 j 02:33	27°♍42'46	
	-3539 Nov	11 j 01:16	0°♎	
morning max el	-3539 Nov	15 j 16:19	4°♎01'26	23°39'04
desc. node	-3539 Dec	03 j 05:25	26°♎31'43	
	-3539 Dec	05 j 14:05	0°♏	
morning set	-3539 Dec	20 j 22:20	24°♏21'43	
	-3539 Dec	24 j 05:00	0°♐	
max. Earth dist.	-3539 Dec	25 j 00:41	1°♐26'12	1.38969 AU
superior conj	-3538 Jan	01 j 11:19	14°♐58'03	-1°53'30
minimum elong	-3538 Jan	01 j 12:52	15°♐05'18	1°53'35
	-3538 Jan	09 j 07:05	0°♑	
evening rise	-3538 Jan	10 j 13:52	2°♑29'42	
asc. node	-3538 Jan	18 j 00:30	16°♑25'28	
evening max el	-3538 Jan	26 j 23:44	28°♑56'10	18°43'29
	-3538 Jan	28 j 04:19	0°♒	
retrograde	-3538 Feb	03 j 23:28	2°♒48'10	
evening set	-3538 Feb	06 j 10:23	2°♒27'40	
	-3538 Feb	11 j 10:12	30°℞♑	
inferior conj	-3538 Feb	14 j 02:42	28°♑04'14	3°28'45
minimum elong	-3538 Feb	14 j 06:39	27°♑56'49	3°27'57
min. Earth dist.	-3538 Feb	17 j 10:30	25°♑35'49	0.57953 AU
morning rise	-3538 Feb	22 j 00:27	22°♑50'33	
direct	-3538 Feb	27 j 17:56	21°♑29'52	
desc. node	-3538 Mar	01 j 04:36	21°♑35'01	
morning max el	-3538 Mar	14 j 00:18	28°♑57'43	26°09'54
	-3538 Mar	15 j 01:21	0°♒	
	-3538 Apr	04 j 13:47	0°♓	
morning set	-3538 Apr	11 j 12:19	13°♓47'38	
asc. node	-3538 Apr	16 j 00:00	23°♓24'44	
superior conj	-3538 Apr	18 j 12:36	28°♓55'47	0°26'10
minimum elong	-3538 Apr	18 j 11:28	28°♓49'35	0°25'55
max. Earth dist.	-3538 Apr	18 j 23:27	29°♓55'10	1.32670 AU
	-3538 Apr	19 j 00:20	0°♈	
evening rise	-3538 Apr	25 j 13:54	14°♈04'18	
	-3538 May	03 j 17:55	0°♉	
	-3538 May	24 j 13:04	0°♊	
evening max el	-3538 May	26 j 02:57	1°♊34'08	26°53'44
desc. node	-3538 May	28 j 03:22	3°♊23'30	
retrograde	-3538 Jun	09 j 02:49	8°♊53'56	
evening set	-3538 Jun	15 j 21:26	6°♊52'05	
min. Earth dist.	-3538 Jun	19 j 16:28	4°♊09'39	0.60761 AU
inferior conj	-3538 Jun	22 j 23:28	1°♊21'42	-4°20'37
minimum elong	-3538 Jun	23 j 00:40	1°♊19'08	4°20'27
	-3538 Jun	24 j 14:28	30°℞♉	
morning rise	-3538 Jun	30 j 05:39	26°♉35'02	
direct	-3538 Jul	02 j 18:32	26°♉09'34	
morning max el	-3538 Jul	09 j 21:52	29°♉39'41	18°06'24
	-3538 Jul	10 j 06:08	0°♊	
asc. node	-3538 Jul	12 j 23:29	3°♊08'55	
morning set	-3538 Jul	25 j 21:48	24°♊56'35	
	-3538 Jul	28 j 15:04	0°♋	
superior conj	-3538 Aug	04 j 21:21	13°♋13'44	1°41'29
minimum elong	-3538 Aug	05 j 00:29	13°♋27'40	1°41'26
max. Earth dist.	-3538 Aug	12 j 10:58	26°♋18'28	1.41563 AU
	-3538 Aug	14 j 16:13	0°♌	
evening rise	-3538 Aug	18 j 02:51	5°♌36'34	
desc. node	-3538 Aug	24 j 02:36	15°♌03'03	
	-3538 Sep	03 j 02:40	0°♍	
evening max el	-3538 Sep	20 j 09:42	22°♍15'10	22°31'46
retrograde	-3538 Sep	30 j 01:53	27°♍59'46	
evening set	-3538 Oct	04 j 16:44	26°♍07'10	
asc. node	-3538 Oct	08 j 22:32	21°♍18'15	
inferior conj	-3538 Oct	10 j 00:17	19°♍49'52	0°22'03
minimum elong	-3538 Oct	09 j 23:46	19°♍51'38	0°21'52
min. Earth dist.	-3538 Oct	09 j 22:45	19°♍55'08	0.67446 AU
morning rise	-3538 Oct	15 j 06:41	13°♍36'34	
direct	-3538 Oct	19 j 19:18	11°♍46'27	
morning max el	-3538 Oct	29 j 04:25	17°♍20'39	22°13'12
	-3538 Nov	08 j 12:38	0°♎	
desc. node	-3538 Nov	20 j 02:22	16°♎40'53	
	-3538 Nov	28 j 17:15	0°♏	
morning set	-3538 Dec	01 j 04:13	3°♏55'49	
max. Earth dist.	-3538 Dec	06 j 23:10	13°♏27'32	1.41029 AU
superior conj	-3538 Dec	14 j 16:55	26°♏50'40	-1°54'42
minimum elong	-3538 Dec	14 j 15:31	26°♏44'28	1°54'47
	-3538 Dec	16 j 11:12	0°♐	
evening rise	-3538 Dec	24 j 23:11	15°♐40'09	
	-3537 Jan	01 j 20:39	0°♑	
asc. node	-3537 Jan	04 j 21:35	4°♑54'45	
evening max el	-3537 Jan	10 j 06:31	11°♑43'57	18°15'48
retrograde	-3537 Jan	17 j 08:49	15°♑17'02	
evening set	-3537 Jan	19 j 22:55	14°♑49'42	
inferior conj	-3537 Jan	26 j 23:52	10°♑04'52	3°58'05
minimum elong	-3537 Jan	27 j 01:08	10°♑02'06	3°57'52
min. Earth dist.	-3537 Jan	30 j 07:32	7°♑12'20	0.59934 AU
morning rise	-3537 Feb	03 j 01:34	4°♑29'42	
direct	-3537 Feb	09 j 16:17	2°♑30'15	
desc. node	-3537 Feb	16 j 01:42	4°♑13'03	
morning max el	-3537 Feb	23 j 21:23	10°♑09'06	27°13'00
	-3537 Mar	11 j 05:51	0°♒	
morning set	-3537 Mar	26 j 21:33	28°♒39'39	
	-3537 Mar	27 j 12:58	0°♓	
max. Earth dist.	-3537 Apr	02 j 12:56	12°♓53'55	1.32547 AU
asc. node	-3537 Apr	02 j 21:00	13°♓38'01	
superior conj	-3537 Apr	03 j 00:19	13°♓56'11	0°01'27
minimum elong	-3537 Apr	03 j 00:15	13°♓55'50	0°01'24
behind sun begin	-3537 Apr	02 j 19:15	13°♓28'30	
behind sun end	-3537 Apr	03 j 05:14	14°♓23'10	
evening rise	-3537 Apr	09 j 23:24	28°♓59'06	
	-3537 Apr	10 j 11:02	0°♈	
	-3537 Apr	27 j 06:17	0°♉	
evening max el	-3537 May	08 j 01:02	13°♉05'54	25°53'13
desc. node	-3537 May	15 j 00:29	18°♉22'39	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3537 May 22 j 02:59	20°♉20'59	
evening set	-3537 May 28 j 00:33	18°♉56'48	
min. Earth dist.	-3537 Jun 01 j 13:29	16°♉13'19	0.58716 AU
inferior conj	-3537 Jun 04 j 21:27	13°♉46'04	-4°15'36
minimum elong	-3537 Jun 04 j 19:14	13°♉50'12	4°15'21
morning rise	-3537 Jun 12 j 16:33	9°♉21'31	
direct	-3537 Jun 15 j 04:46	9°♉00'43	
morning max el	-3537 Jun 23 j 05:23	12°♉48'46	18°36'47
asc. node	-3537 Jun 29 j 20:31	21°♉16'49	
	-3537 Jul 04 j 22:02	0°♊	
morning set	-3537 Jul 09 j 12:19	8°♊43'28	
superior conj	-3537 Jul 18 j 10:06	25°♊49'03	1°48'50
minimum elong	-3537 Jul 18 j 10:38	25°♊51'33	1°48'58
	-3537 Jul 20 j 16:14	0°♋	
max. Earth dist.	-3537 Jul 25 j 14:19	8°♋50'15	1.39635 AU
evening rise	-3537 Jul 29 j 18:54	16°♋02'59	
	-3537 Aug 07 j 09:11	0°♌	
desc. node	-3537 Aug 10 j 23:35	5°♌32'00	
	-3537 Aug 28 j 18:28	0°♍	
evening max el	-3537 Sep 02 j 22:26	5°♍42'39	23°52'26
retrograde	-3537 Sep 13 j 17:39	12°♍04'49	
evening set	-3537 Sep 18 j 22:53	9°♍52'44	
inferior conj	-3537 Sep 24 j 06:42	3°♍33'27	-0°31'35
minimum elong	-3537 Sep 24 j 07:27	3°♍30'56	0°31'12
min. Earth dist.	-3537 Sep 23 j 18:54	4°♍13'39	0.67371 AU
asc. node	-3537 Sep 25 j 19:37	1°♍29'56	
	-3537 Sep 27 j 00:35	30°℞♌	
morning rise	-3537 Sep 29 j 15:59	27°♌24'45	
direct	-3537 Oct 03 j 15:16	25°♌55'31	
	-3537 Oct 11 j 03:13	0°♍	
morning max el	-3537 Oct 11 j 22:41	0°♍48'07	20°54'03
	-3537 Nov 02 j 07:47	0°♎	
desc. node	-3537 Nov 06 j 23:19	7°♎05'26	
morning set	-3537 Nov 10 j 09:21	12°♎23'09	
max. Earth dist.	-3537 Nov 19 j 04:24	26°♎22'17	1.42836 AU
	-3537 Nov 21 j 09:42	0°♏	
superior conj	-3537 Nov 25 j 22:27	7°♏32'41	-1°42'04
minimum elong	-3537 Nov 25 j 17:13	7°♏10'36	1°41'46
evening rise	-3537 Dec 07 j 18:14	28°♏07'45	
	-3537 Dec 08 j 19:26	0°♐	
asc. node	-3537 Dec 22 j 18:38	22°♐39'28	
evening max el	-3537 Dec 24 j 17:38	24°♐50'28	18°07'56
retrograde	-3537 Dec 31 j 09:00	28°♐18'16	
evening set	-3536 Jan 03 j 02:12	27°♐43'09	
inferior conj	-3536 Jan 09 j 14:46	22°♐37'10	3°59'37
minimum elong	-3536 Jan 09 j 13:36	22°♐40'04	3°59'24
min. Earth dist.	-3536 Jan 12 j 12:31	19°♐43'59	0.61923 AU
morning rise	-3536 Jan 15 j 23:54	16°♐47'21	
direct	-3536 Jan 23 j 00:31	14°♐16'09	
desc. node	-3536 Feb 02 j 22:47	19°♐13'23	
morning max el	-3536 Feb 06 j 00:45	22°♐00'59	27°41'44
	-3536 Feb 13 j 02:13	0°♑	
	-3536 Mar 03 j 06:42	0°♒	
morning set	-3536 Mar 10 j 02:23	13°♒15'50	
max. Earth dist.	-3536 Mar 15 j 23:58	25°♒41'10	1.32772 AU
superior conj	-3536 Mar 17 j 10:50	28°♒50'00	-0°23'52
minimum elong	-3536 Mar 17 j 11:55	28°♒55'52	0°23'43
	-3536 Mar 17 j 23:43	0°♓	
asc. node	-3536 Mar 19 j 18:00	3°♓50'03	
evening rise	-3536 Mar 24 j 10:46	13°♓56'19	
	-3536 Apr 01 j 14:10	0°♈	
evening max el	-3536 Apr 18 j 17:47	24°♈01'37	24°29'28
	-3536 Apr 27 j 09:44	0°♉	
desc. node	-3536 Apr 30 j 21:36	0°♉56'24	
retrograde	-3536 May 02 j 16:20	1°♉03'43	
evening set	-3536 May 07 j 06:41	0°♉15'59	
	-3536 May 08 j 00:18	30°℞♈	
min. Earth dist.	-3536 May 13 j 05:41	27°♈15'53	0.56875 AU
inferior conj	-3536 May 15 j 23:35	25°♈30'10	-3°36'15
minimum elong	-3536 May 15 j 18:05	25°♈39'02	3°35'06
morning rise	-3536 May 24 j 08:38	21°♈24'13	
direct	-3536 May 26 j 20:22	21°♈07'09	
morning max el	-3536 Jun 05 j 04:57	25°♈27'59	19°27'34
	-3536 Jun 09 j 06:00	0°♉	
asc. node	-3536 Jun 15 j 17:31	10°♉04'56	
morning set	-3536 Jun 22 j 11:47	22°♉59'04	
	-3536 Jun 25 j 23:42	0°♊	
superior conj	-3536 Jun 30 j 15:27	9°♊15'36	1°46'18
minimum elong	-3536 Jun 30 j 14:05	9°♊08'54	1°46'23
max. Earth dist.	-3536 Jul 06 j 16:07	20°♊45'39	1.37696 AU
evening rise	-3536 Jul 10 j 12:34	27°♊44'42	
	-3536 Jul 11 j 19:15	0°♋	
desc. node	-3536 Jul 27 j 20:36	25°♋46'21	
	-3536 Jul 30 j 19:05	0°♌	
evening max el	-3536 Aug 15 j 09:12	19°♌12'56	25°10'02
retrograde	-3536 Aug 27 j 05:22	26°♌05'31	
evening set	-3536 Sep 02 j 01:31	23°♌35'43	
min. Earth dist.	-3536 Sep 06 j 12:41	18°♌32'14	0.66986 AU
inferior conj	-3536 Sep 07 j 11:17	17°♌18'03	-1°24'59
minimum elong	-3536 Sep 07 j 13:17	17°♌11'29	1°24'05
asc. node	-3536 Sep 11 j 16:42	12°♌21'38	
morning rise	-3536 Sep 13 j 01:08	11°♌16'52	
direct	-3536 Sep 16 j 13:08	10°♌05'52	
morning max el	-3536 Sep 24 j 00:10	14°♌23'53	19°46'35
	-3536 Oct 05 j 19:36	0°♍	
morning set	-3536 Oct 19 j 07:55	20°♍38'30	
desc. node	-3536 Oct 23 j 20:15	27°♍40'05	
	-3536 Oct 25 j 08:02	0°♎	
max. Earth dist.	-3536 Oct 31 j 16:18	10°♎00'33	1.44149 AU
superior conj	-3536 Nov 05 j 00:28	16°♎57'31	-1°12'36
minimum elong	-3536 Nov 04 j 17:20	16°♎28'45	1°11'52
	-3536 Nov 12 j 23:37	0°♏	
evening rise	-3536 Nov 18 j 18:22	9°♏42'36	
	-3536 Dec 01 j 00:39	0°♐	
evening max el	-3536 Dec 07 j 06:17	8°♐08'30	18°19'09
asc. node	-3536 Dec 08 j 15:41	9°♐26'16	
retrograde	-3536 Dec 13 j 19:28	11°♐42'11	
evening set	-3536 Dec 16 j 16:38	10°♐58'00	
inferior conj	-3536 Dec 22 j 19:30	5°♐32'31	3°41'36
minimum elong	-3536 Dec 22 j 16:53	5°♐39'49	3°41'04
min. Earth dist.	-3536 Dec 25 j 03:05	2°♐57'58	0.63698 AU
	-3536 Dec 28 j 03:21	30°℞♏	
morning rise	-3536 Dec 28 j 16:31	29°♏32'39	
direct	-3535 Jan 04 j 16:42	26°♏43'57	
	-3535 Jan 13 j 03:11	0°♐	
morning max el	-3535 Jan 18 j 08:28	4°♐28'49	27°34'15
desc. node	-3535 Jan 19 j 19:49	5°♐59'08	
	-3535 Feb 06 j 16:07	0°♑	
morning set	-3535 Feb 22 j 00:20	27°♑27'21	
	-3535 Feb 23 j 06:49	0°♒	
max. Earth dist.	-3535 Feb 27 j 04:34	8°♒03'09	1.33379 AU
superior conj	-3535 Mar 01 j 18:27	13°♒31'08	-0°48'50
minimum elong	-3535 Mar 01 j 20:36	13°♒42'38	0°48'31
asc. node	-3535 Mar 06 j 15:01	23°♒56'29	
evening rise	-3535 Mar 08 j 22:15	28°♒49'27	
	-3535 Mar 09 j 11:44	0°♓	
	-3535 Mar 27 j 02:12	0°♈	
evening max el	-3535 Mar 31 j 10:06	4°♈44'01	22°55'34

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3535 Apr 13 j 16:50	11°♈15'59		
evening set	-3535 Apr 17 j 00:02	10°♈52'10		
desc. node	-3535 Apr 17 j 18:42	10°♈39'57		
min. Earth dist.	-3535 Apr 24 j 20:09	7°♈24'11	0.55590 AU	
inferior conj	-3535 Apr 26 j 06:53	6°♈33'53	-2°16'03	
minimum elong	-3535 Apr 26 j 01:22	6°♈41'54	2°14'22	
morning rise	-3535 May 05 j 04:57	2°♈36'50		
direct	-3535 May 07 j 18:22	2°♈21'16		
morning max el	-3535 May 18 j 18:18	7°♈28'55	20°38'23	
asc. node	-3535 Jun 02 j 14:32	29°♈23'46		
	-3535 Jun 02 j 22:03	0°♉		
morning set	-3535 Jun 06 j 17:31	7°♉36'39		
superior conj	-3535 Jun 14 j 08:42	23°♉20'11	1°36'25	
minimum elong	-3535 Jun 14 j 06:18	23°♉07'59	1°36'18	
	-3535 Jun 17 j 16:14	0°♊		
max. Earth dist.	-3535 Jun 18 j 23:15	2°♊32'34	1.35973 AU	
evening rise	-3535 Jun 23 j 03:37	10°♊31'32		
	-3535 Jul 04 j 08:36	0°♋		
desc. node	-3535 Jul 14 j 17:39	15°♋39'30		
	-3535 Jul 26 j 04:06	0°♌		
evening max el	-3535 Jul 28 j 20:17	2°♌45'15	26°16'26	
retrograde	-3535 Aug 10 j 12:18	9°♌57'00		
evening set	-3535 Aug 16 j 22:38	7°♌14'12		
min. Earth dist.	-3535 Aug 21 j 01:45	2°♌48'27	0.66269 AU	
inferior conj	-3535 Aug 22 j 12:14	1°♌01'36	-2°16'21	
minimum elong	-3535 Aug 22 j 15:19	0°♌52'00	2°15'08	
	-3535 Aug 23 j 08:14	30°℞♋		
morning rise	-3535 Aug 28 j 08:13	25°♋11'11		
asc. node	-3535 Aug 29 j 13:46	24°♋35'46		
direct	-3535 Aug 31 j 11:18	24°♋15'08		
morning max el	-3535 Sep 07 j 08:13	28°♋06'53	18°53'49	
	-3535 Sep 09 j 01:23	0°♌		
morning set	-3535 Sep 28 j 23:02	29°♌47'01		
	-3535 Sep 29 j 02:18	0°♍		
desc. node	-3535 Oct 10 j 17:12	18°♍21'22		
max. Earth dist.	-3535 Oct 14 j 09:02	24°♍07'16	1.44804 AU	
superior conj	-3535 Oct 15 j 04:38	25°♍24'31	-0°28'14	
minimum elong	-3535 Oct 15 j 00:58	25°♍10'03	0°27'45	
	-3535 Oct 18 j 02:26	0°♎		
evening rise	-3535 Oct 30 j 19:18	20°♎17'00		
	-3535 Nov 05 j 19:36	0°♏		
evening max el	-3535 Nov 20 j 17:52	21°♏33'03	18°48'21	
asc. node	-3535 Nov 25 j 12:45	25°♏00'30		
retrograde	-3535 Nov 27 j 12:29	25°♏22'23		
evening set	-3535 Nov 30 j 15:07	24°♏27'18		
inferior conj	-3535 Dec 06 j 10:32	18°♏44'40	3°10'17	
minimum elong	-3535 Dec 06 j 07:25	18°♏54'10	3°09'24	
min. Earth dist.	-3535 Dec 08 j 03:19	16°♏40'39	0.65140 AU	
morning rise	-3535 Dec 11 j 23:23	12°♏37'35		
direct	-3535 Dec 18 j 15:25	9°♏46'39		
morning max el	-3535 Dec 31 j 17:55	17°♏22'32	26°54'20	
desc. node	-3534 Jan 06 j 16:50	24°♏00'12		
	-3534 Jan 11 j 08:58	0°♐		
	-3534 Jan 30 j 12:38	0°♑		
morning set	-3534 Feb 05 j 12:06	11°♑03'23		
max. Earth dist.	-3534 Feb 09 j 23:19	19°♑51'13	1.34422 AU	
superior conj	-3534 Feb 13 j 21:05	27°♑52'25	-1°12'18	
minimum elong	-3534 Feb 14 j 00:03	28°♑07'50	1°11'57	
	-3534 Feb 14 j 21:30	0°♒		
evening rise	-3534 Feb 21 j 08:05	13°♒32'03		
asc. node	-3534 Feb 21 j 12:02	13°♒52'33		
	-3534 Mar 01 j 20:20	0°♓		
evening max el	-3534 Mar 13 j 08:03	15°♓38'46	21°24'57	
retrograde	-3534 Mar 25 j 07:16	21°♓23'56		

evening set	-3534 Mar 27 j 19:23	21°♓09'40		
desc. node	-3534 Apr 04 j 15:49	17°♓58'24		
inferior conj	-3534 Apr 06 j 02:50	17°♓09'29	-0°24'23	
minimum elong	-3534 Apr 06 j 01:41	17°♓11'06	0°24'02	
min. Earth dist.	-3534 Apr 06 j 10:00	16°♓59'23	0.55142 AU	
morning rise	-3534 Apr 15 j 08:07	13°♓05'48		
direct	-3534 Apr 18 j 06:49	12°♓46'46		
morning max el	-3534 Apr 30 j 20:42	18°♓47'18	22°06'36	
	-3534 May 09 j 22:06	0°♈		
asc. node	-3534 May 20 j 11:34	19°♈04'43		
morning set	-3534 May 22 j 03:14	22°♈28'38		
	-3534 May 25 j 17:04	0°♉		
superior conj	-3534 May 29 j 10:10	7°♉50'58	1°21'07	
minimum elong	-3534 May 29 j 07:29	7°♉36'57	1°20'50	
max. Earth dist.	-3534 Jun 01 j 15:54	14°♉34'41	1.34581 AU	
evening rise	-3534 Jun 06 j 10:37	24°♉07'14		
	-3534 Jun 09 j 12:50	0°♊		
	-3534 Jun 27 j 21:47	0°♋		
desc. node	-3534 Jul 01 j 14:43	5°♋01'35		
evening max el	-3534 Jul 11 j 07:53	16°♋11'11	27°03'41	
retrograde	-3534 Jul 24 j 13:54	23°♋31'56		
evening set	-3534 Jul 31 j 11:43	20°♋44'09		
min. Earth dist.	-3534 Aug 04 j 07:37	16°♋56'29	0.65184 AU	
inferior conj	-3534 Aug 06 j 07:22	14°♋39'46	-3°03'34	
minimum elong	-3534 Aug 06 j 11:10	14°♋28'54	3°02'20	
morning rise	-3534 Aug 12 j 11:03	9°♋03'34		
direct	-3534 Aug 15 j 07:33	8°♋19'17		
asc. node	-3534 Aug 16 j 10:51	8°♋26'18		
morning max el	-3534 Aug 21 j 20:57	11°♋53'23	18°17'29	
	-3534 Sep 03 j 12:09	0°♌		
morning set	-3534 Sep 09 j 17:19	10°♌15'14		
	-3534 Sep 21 j 20:42	0°♍		
superior conj	-3534 Sep 24 j 05:50	3°♍47'44	0°21'16	
minimum elong	-3534 Sep 24 j 08:29	3°♍58'15	0°20'59	
max. Earth dist.	-3534 Sep 27 j 03:36	8°♍24'07	1.44724 AU	
desc. node	-3534 Sep 27 j 14:11	9°♍05'54		
evening rise	-3534 Oct 10 j 19:44	29°♍49'32		
	-3534 Oct 10 j 22:25	0°♎		
greatest brilliancy	-3534 Oct 22 j 09:32	17°♎45'11	-0.7m	
	-3534 Oct 30 j 21:04	0°♏		
evening max el	-3534 Nov 04 j 01:59	5°♏00'04	19°34'10	
retrograde	-3534 Nov 11 j 08:57	9°♏13'46		
asc. node	-3534 Nov 12 j 09:50	9°♏07'33		
evening set	-3534 Nov 14 j 18:55	8°♏05'35		
inferior conj	-3534 Nov 20 j 08:52	2°♏08'47	2°29'52	
minimum elong	-3534 Nov 20 j 05:57	2°♏18'15	2°28'52	
min. Earth dist.	-3534 Nov 21 j 12:02	0°♏40'33	0.66212 AU	
	-3534 Nov 22 j 00:43	30°℞♎		
morning rise	-3534 Nov 25 j 16:46	25°♎56'39		
direct	-3534 Dec 01 j 19:54	23°♎15'35		
	-3534 Dec 13 j 14:43	0°♏		
morning max el	-3534 Dec 14 j 03:18	0°♏31'10	25°49'27	
desc. node	-3534 Dec 24 j 13:52	12°♏54'24		
	-3533 Jan 05 j 08:12	0°♐		
morning set	-3533 Jan 19 j 09:22	23°♐51'05		
	-3533 Jan 22 j 16:14	0°♑		
max. Earth dist.	-3533 Jan 23 j 06:39	1°♑08'52	1.35914 AU	
superior conj	-3533 Jan 28 j 16:12	11°♑46'13	-1°32'43	
minimum elong	-3533 Jan 28 j 19:25	12°♑02'26	1°32'30	
evening rise	-3533 Feb 05 j 14:21	27°♑58'00		
	-3533 Feb 06 j 14:24	0°♒		
asc. node	-3533 Feb 08 j 09:05	3°♒33'18		
evening max el	-3533 Feb 23 j 15:46	27°♒04'35	20°07'32	
	-3533 Feb 27 j 09:38	0°♓		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3533 Mar 05 j 22:55	1°♓58'18	
evening set	-3533 Mar 08 j 05:41	1°♓44'56	
	-3533 Mar 13 j 01:55	30°♑℞	
inferior conj	-3533 Mar 17 j 01:11	27°♒45'11	1°29'19
minimum elong	-3533 Mar 17 j 04:52	27°♒39'38	1°28'03
min. Earth dist.	-3533 Mar 19 j 00:02	26°♒34'49	0.55631 AU
desc. node	-3533 Mar 22 j 12:55	24°♒39'13	
morning rise	-3533 Mar 26 j 02:09	23°♒17'46	
direct	-3533 Mar 29 j 21:51	22°♒45'45	
morning max el	-3533 Apr 12 j 14:41	29°♒32'34	23°45'07
	-3533 Apr 13 j 02:04	0°♓	
	-3533 May 02 j 23:09	0°♈	
morning set	-3533 May 06 j 15:02	7°♈28'54	
asc. node	-3533 May 07 j 08:38	9°♈01'26	
superior conj	-3533 May 13 j 17:06	22°♈39'18	1°01'52
minimum elong	-3533 May 13 j 14:44	22°♈26'34	1°01'30
max. Earth dist.	-3533 May 15 j 18:08	27°♈01'14	1.33556 AU
	-3533 May 17 j 04:00	0°♉	
evening rise	-3533 May 21 j 05:03	8°♉18'21	
	-3533 Jun 01 j 23:55	0°♊	
desc. node	-3533 Jun 18 j 11:47	23°♊39'30	
evening max el	-3533 Jun 23 j 18:26	29°♊18'44	27°24'41
	-3533 Jun 24 j 11:58	0°♋	
retrograde	-3533 Jul 07 j 09:48	6°♋42'09	
evening set	-3533 Jul 14 j 13:38	4°♋00'59	
min. Earth dist.	-3533 Jul 18 j 04:24	0°♋47'29	0.63717 AU
	-3533 Jul 18 j 23:01	30°♑♊	
inferior conj	-3533 Jul 20 j 18:09	28°♊07'32	-3°43'40
minimum elong	-3533 Jul 20 j 21:55	27°♊57'44	3°42'44
morning rise	-3533 Jul 27 j 07:02	22°♊48'45	
direct	-3533 Jul 29 j 23:05	22°♊13'29	
asc. node	-3533 Aug 03 j 07:58	23°♊47'53	
morning max el	-3533 Aug 05 j 11:52	25°♊38'36	17°58'35
	-3533 Aug 09 j 03:33	0°♋	
morning set	-3533 Aug 22 j 13:23	21°♋56'51	
	-3533 Aug 27 j 05:37	0°♌	
superior conj	-3533 Sep 04 j 01:28	13°♌07'28	1°03'25
minimum elong	-3533 Sep 04 j 07:09	13°♌30'48	1°02'51
max. Earth dist.	-3533 Sep 09 j 20:05	22°♌29'40	1.43935 AU
desc. node	-3533 Sep 14 j 11:09	29°♌50'15	
	-3533 Sep 14 j 13:38	0°♍	
evening rise	-3533 Sep 20 j 02:32	8°♍37'47	
	-3533 Oct 04 j 05:41	0°♎	
evening max el	-3533 Oct 18 j 04:41	18°♎26'07	20°34'40
retrograde	-3533 Oct 26 j 06:19	23°♎11'53	
evening set	-3533 Oct 30 j 01:46	21°♎48'12	
asc. node	-3533 Oct 30 j 06:57	21°♎38'25	
inferior conj	-3533 Nov 04 j 11:58	15°♎40'35	1°43'12
minimum elong	-3533 Nov 04 j 09:45	15°♎48'04	1°42'20
min. Earth dist.	-3533 Nov 05 j 03:08	14°♎49'11	0.66936 AU
morning rise	-3533 Nov 09 j 17:34	9°♎25'44	
direct	-3533 Nov 15 j 05:41	7°♎02'03	
morning max el	-3533 Nov 26 j 12:03	13°♎44'56	24°28'48
	-3533 Dec 09 j 17:22	0°♏	
desc. node	-3533 Dec 11 j 10:52	2°♏25'29	
	-3533 Dec 29 j 04:40	0°♐	
morning set	-3532 Jan 01 j 10:20	5°♐33'47	
max. Earth dist.	-3532 Jan 05 j 04:41	12°♐15'44	1.37783 AU
superior conj	-3532 Jan 12 j 00:21	25°♐02'03	-1°48'04
minimum elong	-3532 Jan 12 j 02:54	25°♐14'19	1°48'03
	-3532 Jan 14 j 13:32	0°♑	
evening rise	-3532 Jan 20 j 14:44	11°♑59'52	
asc. node	-3532 Jan 26 j 06:07	22°♑52'09	
	-3532 Jan 30 j 09:12	0°♒	

evening max el	-3532 Feb 06 j 09:58	9°♒06'17	19°08'26
retrograde	-3532 Feb 15 j 03:32	13°♒16'48	
evening set	-3532 Feb 17 j 12:12	12°♒59'48	
inferior conj	-3532 Feb 25 j 14:28	8°♒47'16	2°55'55
minimum elong	-3532 Feb 25 j 19:20	8°♒38'53	2°54'41
min. Earth dist.	-3532 Feb 28 j 15:20	6°♒42'43	0.56937 AU
morning rise	-3532 Mar 04 j 23:44	3°♒48'52	
desc. node	-3532 Mar 08 j 10:02	2°♒55'36	
direct	-3532 Mar 10 j 00:38	2°♒49'27	
morning max el	-3532 Mar 24 j 05:41	10°♒07'28	25°21'28
	-3532 Apr 08 j 06:01	0°♓	
morning set	-3532 Apr 20 j 03:12	22°♓31'02	
asc. node	-3532 Apr 23 j 05:40	29°♓08'17	
	-3532 Apr 23 j 15:13	0°♈	
superior conj	-3532 Apr 27 j 03:19	7°♈37'40	0°39'47
minimum elong	-3532 Apr 27 j 01:39	7°♈28'35	0°39'28
max. Earth dist.	-3532 Apr 28 j 03:21	9°♈48'21	1.32888 AU
evening rise	-3532 May 04 j 07:23	22°♈53'42	
	-3532 May 07 j 20:28	0°♉	
	-3532 May 25 j 21:28	0°♊	
desc. node	-3532 Jun 04 j 08:51	11°♊14'51	
evening max el	-3532 Jun 05 j 01:46	11°♊55'58	27°14'31
retrograde	-3532 Jun 18 j 23:29	19°♊18'33	
evening set	-3532 Jun 26 j 00:36	16°♊58'20	
min. Earth dist.	-3532 Jun 29 j 15:17	14°♊08'54	0.61903 AU
inferior conj	-3532 Jul 02 j 17:30	11°♊18'20	-4°12'07
minimum elong	-3532 Jul 02 j 20:05	11°♊12'23	4°11'43
morning rise	-3532 Jul 09 j 17:01	6°♊19'37	
direct	-3532 Jul 12 j 06:30	5°♊51'10	
morning max el	-3532 Jul 19 j 02:14	9°♊16'39	17°58'02
asc. node	-3532 Jul 20 j 05:04	10°♊26'34	
	-3532 Aug 01 j 16:36	0°♋	
morning set	-3532 Aug 04 j 05:59	4°♋37'56	
superior conj	-3532 Aug 15 j 00:41	23°♋49'42	1°31'40
minimum elong	-3532 Aug 15 j 05:17	24°♋09'34	1°31'25
	-3532 Aug 18 j 15:32	0°♌	
max. Earth dist.	-3532 Aug 22 j 07:36	6°♌06'15	1.42551 AU
evening rise	-3532 Aug 29 j 09:31	17°♌29'14	
desc. node	-3532 Aug 31 j 08:08	20°♌31'45	
	-3532 Sep 06 j 12:22	0°♍	
	-3532 Sep 28 j 07:26	0°♎	
evening max el	-3532 Sep 30 j 01:14	1°♎51'40	21°46'46
retrograde	-3532 Oct 09 j 02:36	7°♎14'36	
evening set	-3532 Oct 13 j 09:43	5°♎33'12	
asc. node	-3532 Oct 16 j 04:04	2°♎43'06	
	-3532 Oct 18 j 05:42	30°♑♍	
inferior conj	-3532 Oct 18 j 17:47	29°♍18'21	0°52'28
minimum elong	-3532 Oct 18 j 16:35	29°♍22'28	0°51'58
min. Earth dist.	-3532 Oct 18 j 22:13	29°♍03'04	0.67344 AU
morning rise	-3532 Oct 23 j 23:18	23°♍03'27	
direct	-3532 Oct 28 j 20:14	21°♍00'45	
morning max el	-3532 Nov 07 j 21:56	27°♍01'18	23°02'06
	-3532 Nov 10 j 16:06	0°♎	
desc. node	-3532 Nov 27 j 07:51	22°♎22'58	
	-3532 Dec 02 j 09:09	0°♏	
morning set	-3532 Dec 12 j 08:57	15°♏56'27	
max. Earth dist.	-3532 Dec 17 j 00:15	23°♏46'31	1.39853 AU
	-3532 Dec 20 j 13:43	0°♐	
superior conj	-3532 Dec 24 j 17:10	7°♐28'45	-1°55'28
minimum elong	-3532 Dec 24 j 17:39	7°♐30'58	1°55'35
evening rise	-3531 Jan 03 j 06:28	25°♐30'49	
	-3531 Jan 05 j 15:00	0°♑	
asc. node	-3531 Jan 12 j 03:09	11°♑41'55	
evening max el	-3531 Jan 19 j 12:59	21°♑39'45	18°29'18

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3531 Jan 27 j 02:19	25°♑21'48	
evening set	-3531 Jan 29 j 14:33	24°♑58'37	
inferior conj	-3531 Feb 06 j 00:02	20°♑26'36	3°45'08
minimum elong	-3531 Feb 06 j 02:55	20°♑20'50	3°44'39
min. Earth dist.	-3531 Feb 09 j 09:36	17°♑44'38	0.58775 AU
morning rise	-3531 Feb 13 j 12:59	15°♑02'34	
direct	-3531 Feb 19 j 16:52	13°♑24'53	
desc. node	-3531 Feb 23 j 07:08	13°♑57'17	
morning max el	-3531 Mar 05 j 23:20	20°♑59'08	26°40'26
	-3531 Mar 13 j 19:11	0°♒	
	-3531 Mar 31 j 21:54	0°♓	
morning set	-3531 Apr 04 j 14:00	7°♓28'31	
asc. node	-3531 Apr 10 j 02:39	19°♓20'26	
superior conj	-3531 Apr 11 j 14:58	22°♓39'12	0°15'48
minimum elong	-3531 Apr 11 j 14:16	22°♓35'23	0°15'38
behind sun begin	-3531 Apr 11 j 13:40	22°♓32'02	
behind sun end	-3531 Apr 11 j 14:53	22°♓38'43	
max. Earth dist.	-3531 Apr 11 j 16:14	22°♓46'07	1.32571 AU
	-3531 Apr 14 j 23:48	0°♈	
evening rise	-3531 Apr 18 j 14:54	7°♈43'49	
	-3531 Apr 30 j 08:36	0°♉	
evening max el	-3531 May 18 j 03:43	23°♉53'04	26°31'35
desc. node	-3531 May 22 j 05:58	27°♉20'45	
	-3531 May 26 j 19:02	0°♊	
retrograde	-3531 Jun 01 j 05:20	1°♊11'54	
	-3531 Jun 06 j 12:22	30°℞♉	
evening set	-3531 Jun 07 j 16:14	29°♉25'36	
min. Earth dist.	-3531 Jun 11 j 17:01	26°♉44'35	0.59880 AU
inferior conj	-3531 Jun 15 j 01:49	24°♉02'38	-4°22'03
minimum elong	-3531 Jun 15 j 01:41	24°♉02'53	4°21'57
morning rise	-3531 Jun 22 j 13:19	19°♉25'24	
direct	-3531 Jun 25 j 01:41	19°♉02'09	
morning max el	-3531 Jul 02 j 13:04	22°♉38'43	18°16'49
asc. node	-3531 Jul 07 j 02:07	28°♉05'52	
	-3531 Jul 08 j 09:03	0°♊	
morning set	-3531 Jul 18 j 13:47	18°♊03'59	
	-3531 Jul 24 j 21:44	0°♋	
superior conj	-3531 Jul 28 j 01:18	5°♋47'44	1°45'59
minimum elong	-3531 Jul 28 j 03:17	5°♋56'45	1°46'02
max. Earth dist.	-3531 Aug 04 j 13:26	19°♋02'05	1.40761 AU
evening rise	-3531 Aug 09 j 10:54	27°♋13'35	
	-3531 Aug 11 j 03:47	0°♌	
desc. node	-3531 Aug 18 j 05:07	11°♌06'25	
	-3531 Aug 31 j 04:34	0°♍	
evening max el	-3531 Sep 12 j 16:22	15°♍17'56	23°06'02
retrograde	-3531 Sep 22 j 20:15	21°♍19'04	
evening set	-3531 Sep 27 j 16:58	19°♍18'24	
inferior conj	-3531 Oct 03 j 00:27	12°♍59'55	-0°00'36
minimum elong	-3531 Oct 03 j 00:28	12°♍59'52	0°00'34
transit middle	-3531 Oct 03 j 00:28	12°♍59'52	0°00'34
transit begin	-3531 Oct 02 j 21:46	13°♍09'10	
transit end	-3531 Oct 03 j 03:10	12°♍50'34	
min. Earth dist.	-3531 Oct 02 j 18:40	13°♍19'50	0.67452 AU
asc. node	-3531 Oct 03 j 01:09	12°♍57'31	
morning rise	-3531 Oct 08 j 07:51	6°♍47'58	
direct	-3531 Oct 12 j 14:38	5°♍06'45	
morning max el	-3531 Oct 21 j 12:12	10°♍22'44	21°38'14
	-3531 Nov 05 j 16:19	0°♎	
desc. node	-3531 Nov 14 j 04:49	12°♎39'03	
morning set	-3531 Nov 22 j 02:54	24°♎56'55	
	-3531 Nov 25 j 06:38	0°♏	
max. Earth dist.	-3531 Nov 29 j 00:52	6°♏08'33	1.41844 AU
superior conj	-3531 Dec 06 j 13:11	18°♏52'44	-1°51'16
minimum elong	-3531 Dec 06 j 10:10	18°♏39'37	1°51'14
	-3531 Dec 12 j 19:38	0°♐	
evening rise	-3531 Dec 17 j 10:09	8°♐23'25	
asc. node	-3531 Dec 30 j 00:10	29°♐53'30	
	-3531 Dec 30 j 02:02	0°♑	
evening max el	-3530 Jan 02 j 22:02	4°♑36'47	18°10'10
retrograde	-3530 Jan 09 j 18:19	8°♑05'42	
evening set	-3530 Jan 12 j 09:49	7°♑35'05	
inferior conj	-3530 Jan 19 j 05:09	2°♑41'18	4°01'35
minimum elong	-3530 Jan 19 j 05:17	2°♑40'59	4°01'26
	-3530 Jan 22 j 03:08	30°℞♐	
min. Earth dist.	-3530 Jan 22 j 09:34	29°♐45'46	0.60795 AU
morning rise	-3530 Jan 25 j 23:19	26°♐59'33	
direct	-3530 Feb 01 j 19:54	24°♐44'57	
desc. node	-3530 Feb 10 j 04:13	27°♐40'09	
	-3530 Feb 13 j 06:34	0°♑	
morning max el	-3530 Feb 15 j 22:54	2°♑26'36	27°29'41
	-3530 Mar 08 j 02:42	0°♒	
morning set	-3530 Mar 19 j 21:37	22°♒14'55	
	-3530 Mar 23 j 13:55	0°♓	
max. Earth dist.	-3530 Mar 26 j 05:08	5°♓41'58	1.32598 AU
superior conj	-3530 Mar 27 j 02:24	7°♓38'01	-0°09'16
minimum elong	-3530 Mar 27 j 02:49	7°♓40'18	0°09'13
behind sun begin	-3530 Mar 26 j 22:42	7°♓17'47	
behind sun end	-3530 Mar 27 j 06:57	8°♓02'50	
asc. node	-3530 Mar 27 j 23:37	9°♓33'57	
evening rise	-3530 Apr 03 j 01:28	22°♓41'07	
	-3530 Apr 06 j 14:58	0°♈	
	-3530 Apr 25 j 05:12	0°♉	
evening max el	-3530 Apr 29 j 23:28	5°♉09'03	25°19'52
desc. node	-3530 May 09 j 03:03	11°♉23'00	
retrograde	-3530 May 14 j 00:57	12°♉19'21	
evening set	-3530 May 19 j 10:00	11°♉11'51	
min. Earth dist.	-3530 May 24 j 11:46	8°♉22'47	0.57892 AU
inferior conj	-3530 May 27 j 15:38	6°♉11'17	-4°03'45
minimum elong	-3530 May 27 j 11:51	6°♉17'54	4°03'12
morning rise	-3530 Jun 04 j 16:32	1°♉54'54	
direct	-3530 Jun 07 j 04:34	1°♉35'46	
morning max el	-3530 Jun 15 j 17:27	5°♉36'03	18°55'47
asc. node	-3530 Jun 23 j 23:09	16°♉32'21	
	-3530 Jul 01 j 07:05	0°♊	
morning set	-3530 Jul 02 j 08:32	2°♊04'21	
superior conj	-3530 Jul 10 j 21:47	18°♊46'28	1°48'48
minimum elong	-3530 Jul 10 j 21:24	18°♊44'39	1°48'56
	-3530 Jul 16 j 22:35	0°♋	
max. Earth dist.	-3530 Jul 17 j 15:44	1°♋17'15	1.38807 AU
evening rise	-3530 Jul 21 j 14:14	8°♋12'54	
	-3530 Aug 04 j 02:13	0°♌	
desc. node	-3530 Aug 05 j 02:08	1°♌29'46	
evening max el	-3530 Aug 26 j 04:08	28°♌46'59	24°26'17
	-3530 Aug 27 j 10:32	0°♍	
retrograde	-3530 Sep 06 j 10:12	5°♍22'26	
evening set	-3530 Sep 11 j 21:49	3°♍02'36	
	-3530 Sep 14 j 18:24	30°℞♌	
min. Earth dist.	-3530 Sep 16 j 14:04	27°♌38'22	0.67255 AU
inferior conj	-3530 Sep 17 j 06:19	26°♌43'51	-0°54'21
minimum elong	-3530 Sep 17 j 07:35	26°♌39'32	0°53'45
asc. node	-3530 Sep 19 j 22:15	23°♌19'10	
morning rise	-3530 Sep 22 j 17:20	20°♌37'59	
direct	-3530 Sep 26 j 11:39	19°♌16'42	
morning max el	-3530 Oct 04 j 09:25	23°♌53'03	20°23'38
	-3530 Oct 09 j 14:03	0°♍	
	-3530 Oct 30 j 01:04	0°♎	
morning set	-3530 Nov 01 j 02:13	3°♎09'55	
desc. node	-3530 Nov 01 j 01:46	3°♎08'13	
max. Earth dist.	-3530 Nov 11 j 09:30	19°♎24'47	1.43472 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3530 Nov 17 j 07:05	29°♎01'29	-1°31'40
minimum elong	-3530 Nov 17 j 00:33	28°♎34'29	1°31'09
	-3530 Nov 17 j 21:14	0°♏	
evening rise	-3530 Nov 29 j 21:41	20°♏29'16	
	-3530 Dec 05 j 08:56	0°♐	
asc. node	-3530 Dec 16 j 21:14	17°♐15'02	
evening max el	-3530 Dec 17 j 10:08	17°♐48'38	18°10'27
retrograde	-3530 Dec 23 j 23:25	21°♐17'31	
evening set	-3530 Dec 26 j 18:17	20°♐38'33	
inferior conj	-3529 Jan 02 j 02:22	15°♐23'47	3°53'56
minimum elong	-3529 Jan 02 j 00:27	15°♐28'47	3°53'36
min. Earth dist.	-3529 Jan 04 j 18:14	12°♐36'57	0.62713 AU
morning rise	-3529 Jan 08 j 05:50	9°♐29'29	
direct	-3529 Jan 15 j 07:24	6°♐49'15	
desc. node	-3529 Jan 28 j 01:15	13°♐29'10	
morning max el	-3529 Jan 29 j 04:20	14°♐34'03	27°43'01
	-3529 Feb 10 j 18:18	0°♑	
	-3529 Feb 28 j 14:32	0°♒	
morning set	-3529 Mar 03 j 23:50	6°♒41'20	
max. Earth dist.	-3529 Mar 09 j 14:05	18°♒20'38	1.32983 AU
superior conj	-3529 Mar 11 j 11:53	22°♒26'49	-0°34'33
minimum elong	-3529 Mar 11 j 13:26	22°♒35'12	0°34'19
asc. node	-3529 Mar 14 j 20:36	29°♒43'50	
	-3529 Mar 14 j 23:36	0°♓	
evening rise	-3529 Mar 18 j 13:05	7°♓37'18	
	-3529 Mar 30 j 09:18	0°♈	
evening max el	-3529 Apr 11 j 15:16	15°♈55'22	23°49'54
retrograde	-3529 Apr 25 j 08:27	22°♈46'37	
desc. node	-3529 Apr 26 j 00:09	22°♈45'38	
evening set	-3529 Apr 29 j 09:07	22°♈10'45	
min. Earth dist.	-3529 May 06 j 02:33	19°♈00'27	0.56249 AU
inferior conj	-3529 May 08 j 09:16	17°♈37'08	-3°07'12
minimum elong	-3529 May 08 j 03:11	17°♈46'27	3°05'39
morning rise	-3529 May 17 j 00:11	13°♈36'44	
direct	-3529 May 19 j 12:26	13°♈20'33	
morning max el	-3529 May 29 j 12:49	17°♈59'15	19°55'19
	-3529 Jun 07 j 16:03	0°♉	
asc. node	-3529 Jun 10 j 20:10	5°♉34'24	
morning set	-3529 Jun 16 j 10:58	16°♉30'10	
	-3529 Jun 23 j 02:38	0°♊	
superior conj	-3529 Jun 24 j 08:42	2°♊30'35	1°42'53
minimum elong	-3529 Jun 24 j 06:48	2°♊21'05	1°42'53
max. Earth dist.	-3529 Jun 29 j 19:24	13°♊06'47	1.36932 AU
evening rise	-3529 Jul 03 j 17:37	20°♊23'35	
	-3529 Jul 09 j 04:51	0°♋	
desc. node	-3529 Jul 22 j 23:09	21°♋36'02	
	-3529 Jul 29 j 01:26	0°♌	
evening max el	-3529 Aug 08 j 14:53	12°♌18'38	25°40'04
retrograde	-3529 Aug 20 j 19:53	19°♌20'19	
evening set	-3529 Aug 26 j 22:25	16°♌43'59	
min. Earth dist.	-3529 Aug 31 j 06:02	11°♌56'41	0.66728 AU
inferior conj	-3529 Sep 01 j 09:35	10°♌28'14	-1°47'09
minimum elong	-3529 Sep 01 j 12:05	10°♌20'15	1°46'04
asc. node	-3529 Sep 06 j 19:21	4°♌42'26	
morning rise	-3529 Sep 07 j 01:53	4°♌31'33	
direct	-3529 Sep 10 j 09:51	3°♌27'20	
morning max el	-3529 Sep 17 j 13:59	7°♌32'46	19°22'16
	-3529 Oct 03 j 16:59	0°♍	
morning set	-3529 Oct 11 j 05:40	11°♍42'37	
desc. node	-3529 Oct 18 j 22:45	23°♍46'24	
	-3529 Oct 22 j 21:48	0°♎	
max. Earth dist.	-3529 Oct 25 j 00:25	3°♎19'46	1.44515 AU
superior conj	-3529 Oct 27 j 22:20	7°♎57'13	-0°55'12
minimum elong	-3529 Oct 27 j 15:58	7°♎31'50	0°54'27

	-3529 Nov 10 j 12:21	0°♏	
evening rise	-3529 Nov 11 j 12:31	1°♏40'02	
	-3529 Nov 29 j 20:50	0°♐	
evening max el	-3529 Nov 30 j 22:37	1°♐09'48	18°29'22
asc. node	-3529 Dec 03 j 18:18	3°♐33'01	
retrograde	-3529 Dec 07 j 13:17	4°♐49'19	
evening set	-3529 Dec 10 j 12:32	4°♐00'44	
	-3529 Dec 15 j 03:29	30°℞♏	
inferior conj	-3529 Dec 16 j 11:57	28°♏27'20	3°29'39
minimum elong	-3529 Dec 16 j 09:01	28°♏35'52	3°28'58
min. Earth dist.	-3529 Dec 18 j 13:03	26°♏04'54	0.64352 AU
morning rise	-3529 Dec 22 j 05:01	22°♏23'54	
direct	-3529 Dec 29 j 02:19	19°♏32'50	
morning max el	-3528 Jan 11 j 13:24	27°♏15'17	27°20'56
	-3528 Jan 14 j 04:18	0°♐	
desc. node	-3528 Jan 14 j 22:19	0°♐50'12	
	-3528 Feb 04 j 09:34	0°♑	
morning set	-3528 Feb 15 j 17:55	20°♑38'55	
	-3528 Feb 20 j 09:23	0°♒	
max. Earth dist.	-3528 Feb 20 j 15:04	0°♒29'21	1.33770 AU
superior conj	-3528 Feb 23 j 17:38	6°♒59'44	-0°59'03
minimum elong	-3528 Feb 23 j 20:10	7°♒13'12	0°58'42
asc. node	-3528 Feb 29 j 17:37	19°♒45'59	
evening rise	-3528 Mar 02 j 00:05	22°♒26'16	
	-3528 Mar 05 j 16:57	0°♓	
evening max el	-3528 Mar 23 j 09:01	26°♓38'34	22°15'49
	-3528 Mar 27 j 12:27	0°♈	
retrograde	-3528 Apr 05 j 04:14	2°♈52'54	
evening set	-3528 Apr 08 j 01:23	2°♈34'33	
desc. node	-3528 Apr 11 j 21:15	1°♈19'15	
	-3528 Apr 14 j 14:09	30°℞♓	
min. Earth dist.	-3528 Apr 16 j 16:28	28°♓50'30	0.55285 AU
inferior conj	-3528 Apr 17 j 10:14	28°♓25'21	-1°31'05
minimum elong	-3528 Apr 17 j 06:10	28°♓31'07	1°29'44
morning rise	-3528 Apr 26 j 12:32	24°♓28'02	
direct	-3528 Apr 29 j 04:24	24°♓11'58	
morning max el	-3528 May 10 j 21:30	29°♓41'47	21°14'11
	-3528 May 11 j 05:13	0°♈	
asc. node	-3528 May 27 j 17:12	25°♈03'10	
	-3528 May 30 j 04:09	0°♉	
morning set	-3528 May 30 j 18:37	1°♉14'18	
superior conj	-3528 Jun 07 j 05:49	16°♉47'26	1°30'30
minimum elong	-3528 Jun 07 j 03:14	16°♉34'03	1°30'18
max. Earth dist.	-3528 Jun 11 j 06:04	24°♉56'45	1.35331 AU
	-3528 Jun 13 j 19:42	0°♊	
evening rise	-3528 Jun 15 j 16:01	3°♊32'29	
	-3528 Jul 01 j 01:52	0°♋	
desc. node	-3528 Jul 08 j 20:12	11°♋17'16	
evening max el	-3528 Jul 21 j 01:59	25°♋48'23	26°39'18
	-3528 Jul 26 j 00:56	0°♌	
retrograde	-3528 Aug 03 j 00:44	3°♌05'49	
evening set	-3528 Aug 09 j 16:29	0°♌19'21	
	-3528 Aug 10 j 01:26	30°℞♋	
min. Earth dist.	-3528 Aug 13 j 16:15	26°♋10'11	0.65850 AU
inferior conj	-3528 Aug 15 j 08:20	24°♋09'43	-2°37'06
minimum elong	-3528 Aug 15 j 11:48	23°♋59'20	2°35'49
morning rise	-3528 Aug 21 j 07:27	18°♋25'12	
asc. node	-3528 Aug 23 j 16:28	17°♋36'54	
direct	-3528 Aug 24 j 07:21	17°♋34'44	
morning max el	-3528 Aug 31 j 00:24	21°♋18'04	18°36'18
	-3528 Sep 06 j 19:01	0°♌	
morning set	-3528 Sep 20 j 07:51	21°♌23'44	
	-3528 Sep 25 j 16:30	0°♍	
desc. node	-3528 Oct 04 j 19:43	14°♍29'25	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3528 Oct 05 j 22:20	16°♍14'21	-0°07'05
minimum elong	-3528 Oct 05 j 21:25	16°♍10'41	0°06'55
behind sun begin	-3528 Oct 05 j 11:00	15°♍29'40	
behind sun end	-3528 Oct 06 j 07:49	16°♍51'42	
max. Earth dist.	-3528 Oct 06 j 18:01	17°♍31'51	1.44855 AU
	-3528 Oct 14 j 16:03	0°♎	
evening rise	-3528 Oct 22 j 02:50	11°♎47'14	
greatest brilliancy	-3528 Oct 30 j 10:35	24°♎59'08	-0.8m
	-3528 Nov 02 j 15:44	0°♏	
evening max el	-3528 Nov 13 j 08:55	14°♏35'16	19°05'53
asc. node	-3528 Nov 19 j 15:25	18°♏31'36	
retrograde	-3528 Nov 20 j 08:11	18°♏34'22	
evening set	-3528 Nov 23 j 13:34	17°♏34'11	
inferior conj	-3528 Nov 29 j 06:27	11°♏45'08	2°54'03
minimum elong	-3528 Nov 29 j 03:21	11°♏54'53	2°53'05
min. Earth dist.	-3528 Nov 30 j 17:17	9°♏55'45	0.65640 AU
morning rise	-3528 Dec 04 j 16:48	5°♏35'19	
direct	-3528 Dec 11 j 03:41	2°♏47'12	
morning max el	-3528 Dec 23 j 23:06	10°♏16'55	26°29'11
desc. node	-3528 Dec 31 j 19:21	19°♏15'59	
	-3527 Jan 08 j 15:49	0°♐	
	-3527 Jan 26 j 21:24	0°♑	
morning set	-3527 Jan 29 j 00:08	3°♑56'08	
max. Earth dist.	-3527 Feb 02 j 04:47	12°♑01'57	1.34999 AU
superior conj	-3527 Feb 06 j 17:24	21°♑10'00	-1°21'27
minimum elong	-3527 Feb 06 j 20:34	21°♑26'14	1°21'08
	-3527 Feb 10 j 23:28	0°♒	
evening rise	-3527 Feb 14 j 08:38	7°♒02'05	
asc. node	-3527 Feb 15 j 14:40	9°♒35'55	
	-3527 Feb 27 j 00:25	0°♓	
evening max el	-3527 Mar 05 j 10:49	7°♓45'05	20°50'03
retrograde	-3527 Mar 16 j 17:47	13°♓08'17	
evening set	-3527 Mar 19 j 01:53	12°♓55'19	
inferior conj	-3527 Mar 28 j 05:27	8°♓57'34	0°25'38
minimum elong	-3527 Mar 28 j 06:37	8°♓55'54	0°25'10
min. Earth dist.	-3527 Mar 29 j 06:44	8°♓21'19	0.55229 AU
desc. node	-3527 Mar 29 j 18:21	8°♓04'47	
morning rise	-3527 Apr 06 j 10:24	4°♓45'04	
direct	-3527 Apr 09 j 16:21	4°♓22'05	
morning max el	-3527 Apr 22 j 19:56	10°♓44'43	22°47'57
	-3527 May 06 j 21:51	0°♈	
asc. node	-3527 May 14 j 14:14	14°♈51'36	
morning set	-3527 May 15 j 05:27	16°♈10'43	
	-3527 May 21 j 17:33	0°♉	
superior conj	-3527 May 22 j 09:57	1°♉27'12	1°13'22
minimum elong	-3527 May 22 j 07:21	1°♉13'23	1°13'02
max. Earth dist.	-3527 May 25 j 02:45	7°♉08'11	1.34093 AU
evening rise	-3527 May 30 j 04:24	17°♉25'24	
	-3527 Jun 05 j 20:51	0°♊	
	-3527 Jun 25 j 09:58	0°♋	
desc. node	-3527 Jun 25 j 17:16	0°♋23'00	
evening max el	-3527 Jul 03 j 13:23	9°♋08'35	27°16'14
retrograde	-3527 Jul 17 j 00:16	16°♋31'47	
evening set	-3527 Jul 24 j 01:18	13°♋45'15	
min. Earth dist.	-3527 Jul 27 j 18:36	10°♋12'44	0.64601 AU
inferior conj	-3527 Jul 30 j 00:18	7°♋44'53	-3°21'42
minimum elong	-3527 Jul 30 j 04:12	7°♋34'08	3°20'33
morning rise	-3527 Aug 05 j 07:43	2°♋15'36	
direct	-3527 Aug 08 j 01:58	1°♋35'34	
asc. node	-3527 Aug 10 j 13:34	2°♋07'52	
morning max el	-3527 Aug 14 j 14:24	5°♋05'11	18°07'11
	-3527 Aug 31 j 03:15	0°♌	
morning set	-3527 Sep 01 j 13:41	2°♌25'01	
superior conj	-3527 Sep 15 j 05:23	24°♌56'23	0°40'36
minimum elong	-3527 Sep 15 j 09:55	25°♌14'36	0°40'06
	-3527 Sep 18 j 09:18	0°♍	
max. Earth dist.	-3527 Sep 19 j 11:33	1°♍44'18	1.44473 AU
desc. node	-3527 Sep 21 j 16:42	5°♍14'27	
evening rise	-3527 Oct 01 j 18:11	20°♍56'39	
	-3527 Oct 07 j 15:09	0°♎	
greatest brilliancy	-3527 Oct 15 j 03:43	11°♎24'44	-0.7m
evening max el	-3527 Oct 27 j 14:57	28°♎02'15	19°58'18
	-3527 Oct 29 j 17:19	0°♏	
retrograde	-3527 Nov 04 j 05:13	2°♏28'41	
asc. node	-3527 Nov 06 j 12:32	1°♏57'53	
evening set	-3527 Nov 07 j 18:55	1°♏14'22	
	-3527 Nov 09 j 06:47	30°℞♎	
inferior conj	-3527 Nov 13 j 07:05	25°♎12'48	2°10'42
minimum elong	-3527 Nov 13 j 04:26	25°♎21'37	2°09'42
min. Earth dist.	-3527 Nov 14 j 05:04	23°♎59'56	0.66567 AU
morning rise	-3527 Nov 18 j 13:43	18°♎59'09	
direct	-3527 Nov 24 j 10:42	16°♎24'28	
morning max el	-3527 Dec 06 j 07:55	23°♎27'41	25°16'18
	-3527 Dec 12 j 04:05	0°♏	
desc. node	-3527 Dec 18 j 16:22	8°♏27'28	
	-3526 Jan 02 j 00:47	0°♐	
morning set	-3526 Jan 11 j 13:30	16°♐18'08	
max. Earth dist.	-3526 Jan 15 j 07:06	23°♐09'17	1.36669 AU
	-3526 Jan 18 j 21:19	0°♑	
superior conj	-3526 Jan 21 j 08:20	4°♑49'04	-1°40'02
minimum elong	-3526 Jan 21 j 11:24	5°♑04'16	1°39'53
evening rise	-3526 Jan 29 j 12:41	21°♑18'21	
asc. node	-3526 Feb 02 j 11:42	29°♑08'01	
	-3526 Feb 02 j 22:33	0°♒	
evening max el	-3526 Feb 15 j 23:13	19°♒26'47	19°40'03
retrograde	-3526 Feb 25 j 13:16	23°♒59'57	
evening set	-3526 Feb 27 j 20:31	23°♒45'25	
inferior conj	-3526 Mar 08 j 08:57	19°♒41'53	2°10'29
minimum elong	-3526 Mar 08 j 13:39	19°♒34'26	2°09'02
min. Earth dist.	-3526 Mar 10 j 21:12	18°♒06'55	0.56099 AU
desc. node	-3526 Mar 16 j 15:28	15°♒12'06	
morning rise	-3526 Mar 17 j 04:18	15°♒01'21	
direct	-3526 Mar 21 j 12:19	14°♒19'13	
morning max el	-3526 Apr 04 j 11:41	21°♒21'34	24°27'16
	-3526 Apr 11 j 22:54	0°♓	
	-3526 Apr 29 j 03:47	0°♈	
morning set	-3526 Apr 29 j 17:36	1°♈12'18	
asc. node	-3526 May 01 j 11:15	4°♈53'00	
superior conj	-3526 May 06 j 18:30	16°♈20'30	0°52'48
minimum elong	-3526 May 06 j 16:24	16°♈09'03	0°52'26
max. Earth dist.	-3526 May 08 j 08:22	19°♈44'37	1.33228 AU
	-3526 May 13 j 05:21	0°♉	
evening rise	-3526 May 14 j 02:35	1°♉48'17	
	-3526 May 29 j 18:37	0°♊	
desc. node	-3526 Jun 12 j 14:20	18°♊37'09	
evening max el	-3526 Jun 15 j 23:06	22°♊05'34	27°24'29
retrograde	-3526 Jun 29 j 17:32	29°♊28'22	
evening set	-3526 Jul 06 j 21:20	26°♊54'45	
min. Earth dist.	-3526 Jul 10 j 11:21	23°♊52'46	0.62982 AU
inferior conj	-3526 Jul 13 j 06:38	21°♊06'40	-3°57'30
minimum elong	-3526 Jul 13 j 10:03	20°♊58'10	3°56'48
morning rise	-3526 Jul 19 j 23:49	15°♊55'47	
direct	-3526 Jul 22 j 14:35	15°♊23'34	
asc. node	-3526 Jul 28 j 10:39	18°♊03'59	
morning max el	-3526 Jul 29 j 05:20	18°♊47'48	17°56'00
	-3526 Aug 06 j 09:16	0°♋	
morning set	-3526 Aug 14 j 19:14	14°♋34'17	
	-3526 Aug 23 j 15:48	0°♌	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3526	Aug	26	j 12:27	4°♌50'16	1°17'12	superior conj	-3525	Aug	07	j 23:00	16°♋06'08	1°39'20
minimum elong	-3526	Aug	26	j 18:02	5°♌13'41	1°16'44	minimum elong	-3525	Aug	08	j 02:32	16°♋21'45	1°39'14
max. Earth dist.	-3526	Sep	02	j 02:24	15°♌40'29	1.43417 AU	max. Earth dist.	-3525	Aug	15	j 11:58	29°♋02'39	1.41827 AU
desc. node	-3526	Sep	08	j 13:41	25°♌58'18			-3525	Aug	16	j 01:45	0°♌	
evening rise	-3526	Sep	10	j 22:35	29°♌40'12		evening rise	-3525	Aug	21	j 11:36	8°♌49'04	
	-3526	Sep	11	j 03:41	0°♍		desc. node	-3525	Aug	26	j 10:39	16°♌37'25	
	-3526	Oct	01	j 09:03	0°♎			-3525	Sep	04	j 07:44	0°♍	
evening max el	-3526	Oct	10	j 15:11	11°♎28'57	21°04'11	evening max el	-3525	Sep	23	j 09:13	24°♍54'35	22°19'55
retrograde	-3526	Oct	19	j 02:13	16°♎29'28			-3525	Sep	30	j 04:40	0°♎	
evening set	-3526	Oct	23	j 02:27	14°♎58'27		retrograde	-3525	Oct	02	j 21:29	0°♎33'41	
asc. node	-3526	Oct	24	j 09:38	13°♎49'52			-3525	Oct	05	j 10:27	30°℞♍	
inferior conj	-3526	Oct	28	j 11:34	8°♎47'33	1°22'05	evening set	-3525	Oct	07	j 10:18	28°♍43'55	
minimum elong	-3526	Oct	28	j 09:45	8°♎53'44	1°21'20	asc. node	-3525	Oct	11	j 06:43	24°♍27'16	
min. Earth dist.	-3526	Oct	28	j 22:03	8°♎11'38	0.67155 AU	inferior conj	-3525	Oct	12	j 17:56	22°♍27'04	0°30'08
morning rise	-3526	Nov	02	j 16:54	2°♎32'34		minimum elong	-3525	Oct	12	j 17:14	22°♍29'29	0°29'51
direct	-3526	Nov	07	j 22:37	0°♎17'29		min. Earth dist.	-3525	Oct	12	j 17:54	22°♍27'10	0.67428 AU
morning max el	-3526	Nov	18	j 16:41	6°♎42'23	23°52'03	morning rise	-3525	Oct	18	j 00:03	16°♍13'19	
desc. node	-3526	Dec	05	j 13:22	28°♎11'19		direct	-3525	Oct	22	j 14:45	14°♍20'03	
	-3526	Dec	06	j 19:16	0°♏		morning max el	-3525	Nov	01	j 04:09	20°♍01'03	22°25'44
morning set	-3526	Dec	24	j 03:56	27°♏28'33			-3525	Nov	09	j 13:15	0°♎	
	-3526	Dec	25	j 15:10	0°♐		desc. node	-3525	Nov	22	j 10:20	18°♎17'41	
max. Earth dist.	-3526	Dec	28	j 03:20	4°♐23'30	1.38659 AU		-3525	Nov	30	j 01:15	0°♏	
							morning set	-3525	Dec	04	j 14:08	7°♏15'07	
superior conj	-3525	Jan	04	j 10:37	17°♐46'24	-1°52'24	max. Earth dist.	-3525	Dec	10	j 00:57	16°♏16'49	1.40731 AU
minimum elong	-3525	Jan	04	j 12:28	17°♐55'11	1°52'26							
	-3525	Jan	10	j 18:43	0°♑		superior conj	-3525	Dec	17	j 19:15	29°♏48'06	-1°55'21
evening rise	-3525	Jan	13	j 09:46	5°♑08'35		minimum elong	-3525	Dec	17	j 18:24	29°♏44'16	1°55'26
asc. node	-3525	Jan	20	j 08:44	18°♑15'55			-3525	Dec	17	j 21:54	0°♐	
	-3525	Jan	28	j 06:06	0°♒		evening rise	-3525	Dec	27	j 20:50	18°♐24'34	
evening max el	-3525	Jan	29	j 21:31	1°♒43'24	18°49'16		-3524	Jan	03	j 03:41	0°♑	
retrograde	-3525	Feb	07	j 01:29	5°♒39'43		asc. node	-3524	Jan	07	j 05:46	6°♑50'53	
evening set	-3525	Feb	09	j 11:50	5°♒20'10		evening max el	-3524	Jan	13	j 03:21	14°♑27'29	18°18'39
inferior conj	-3525	Feb	17	j 06:40	0°♒59'33	3°21'20	retrograde	-3524	Jan	20	j 08:15	18°♑02'36	
minimum elong	-3525	Feb	17	j 10:55	0°♒51'43	3°20'24	evening set	-3524	Jan	22	j 21:49	17°♑36'25	
	-3525	Feb	18	j 14:58	30°℞♑		inferior conj	-3524	Jan	30	j 00:53	12°♑54'53	3°55'36
min. Earth dist.	-3525	Feb	20	j 13:08	28°♑36'48	0.57678 AU	minimum elong	-3524	Jan	30	j 02:34	12°♑51'16	3°55'21
morning rise	-3525	Feb	25	j 07:28	25°♑49'39		min. Earth dist.	-3524	Feb	02	j 09:24	10°♑04'16	0.59631 AU
direct	-3525	Mar	02	j 20:50	24°♑34'50		morning rise	-3524	Feb	06	j 05:24	7°♑22'13	
desc. node	-3525	Mar	03	j 12:34	24°♑35'53		direct	-3524	Feb	12	j 17:33	5°♑28'18	
	-3525	Mar	14	j 22:03	0°♒		desc. node	-3524	Feb	18	j 09:38	6°♑49'10	
morning max el	-3525	Mar	17	j 03:05	2°♒00'14	25°58'04	morning max el	-3524	Feb	26	j 23:18	13°♑06'19	27°05'37
	-3525	Apr	05	j 23:15	0°♓			-3524	Mar	11	j 09:17	0°♒	
morning set	-3525	Apr	14	j 05:22	16°♓13'15			-3524	Mar	28	j 02:07	0°♓	
asc. node	-3525	Apr	18	j 08:15	25°♓02'37		morning set	-3524	Mar	28	j 15:03	1°♓06'59	
	-3525	Apr	20	j 14:45	0°♈		asc. node	-3524	Apr	04	j 05:14	15°♓15'50	
superior conj	-3525	Apr	21	j 05:31	1°♈20'43	0°29'48	superior conj	-3524	Apr	04	j 17:15	16°♓21'36	0°05'16
minimum elong	-3525	Apr	21	j 04:14	1°♈13'43	0°29'32	minimum elong	-3524	Apr	04	j 17:00	16°♓20'18	0°05'11
max. Earth dist.	-3525	Apr	21	j 19:47	2°♈38'39	1.32718 AU	behind sun begin	-3524	Apr	04	j 12:15	15°♓54'17	
evening rise	-3525	Apr	28	j 07:25	16°♈30'55		behind sun end	-3524	Apr	04	j 21:46	16°♓46'20	
	-3525	May	05	j 03:53	0°♉		max. Earth dist.	-3524	Apr	04	j 09:12	15°♓37'33	1.32541 AU
	-3525	May	24	j 23:20	0°♊			-3524	Apr	11	j 00:22	0°♈	
evening max el	-3525	May	29	j 04:25	4°♊26'24	27°00'07	evening rise	-3524	Apr	11	j 16:27	1°♈24'41	
desc. node	-3525	May	30	j 11:25	5°♊37'56			-3524	Apr	27	j 07:56	0°♉	
retrograde	-3525	Jun	12	j 03:40	11°♊46'53		evening max el	-3524	May	10	j 03:26	16°♉04'34	26°04'00
evening set	-3525	Jun	19	j 00:27	9°♊39'51		desc. node	-3524	May	16	j 08:29	20°♉55'48	
min. Earth dist.	-3525	Jun	22	j 17:57	6°♊56'14	0.61062 AU	retrograde	-3524	May	24	j 05:29	23°♉21'06	
inferior conj	-3525	Jun	25	j 23:58	4°♊06'58	-4°19'07	evening set	-3524	May	30	j 06:54	21°♉51'01	
minimum elong	-3525	Jun	26	j 01:35	4°♊03'27	4°18'54	min. Earth dist.	-3524	Jun	03	j 16:04	19°♉08'46	0.59011 AU
	-3525	Jul	01	j 12:59	30°℞♉		inferior conj	-3524	Jun	07	j 00:45	16°♉36'54	-4°18'25
morning rise	-3525	Jul	03	j 04:24	29°♉17'14		minimum elong	-3524	Jun	06	j 23:06	16°♉40'02	4°18'13
direct	-3525	Jul	05	j 17:27	28°♉51'00		morning rise	-3524	Jun	14	j 17:51	12°♉09'15	
	-3525	Jul	09	j 18:12	0°♊		direct	-3524	Jun	17	j 06:03	11°♉47'53	
morning max el	-3525	Jul	12	j 18:27	2°♊19'26	18°03'39	morning max el	-3524	Jun	25	j 02:58	15°♉32'31	18°31'00
asc. node	-3525	Jul	15	j 07:42	5°♊09'52		asc. node	-3524	Jul	01	j 04:44	23°♉10'51	
morning set	-3525	Jul	28	j 18:50	27°♊35'52			-3524	Jul	05	j 06:52	0°♊	
	-3525	Jul	30	j 02:01	0°♋		morning set	-3524	Jul	11	j 07:43	11°♊17'44	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3524 Jul 20 j 08:49	28°♊32'35	1°48'26
minimum elong	-3524 Jul 20 j 09:43	28°♊36'43	1°48'32
	-3524 Jul 21 j 03:42	0°♋	
max. Earth dist.	-3524 Jul 27 j 15:46	11°♋40'18	1.39925 AU
evening rise	-3524 Jul 31 j 23:45	19°♋04'20	
	-3524 Aug 07 j 17:03	0°♌	
desc. node	-3524 Aug 12 j 07:40	7°♌08'11	
	-3524 Aug 28 j 15:04	0°♍	
evening max el	-3524 Sep 04 j 22:28	8°♍21'38	23°40'26
retrograde	-3524 Sep 15 j 13:51	14°♍38'49	
evening set	-3524 Sep 20 j 16:47	12°♍29'42	
min. Earth dist.	-3524 Sep 25 j 14:13	6°♍45'25	0.67400 AU
inferior conj	-3524 Sep 26 j 00:28	6°♍10'24	-0°23'25
minimum elong	-3524 Sep 26 j 01:01	6°♍08'31	0°23'07
asc. node	-3524 Sep 27 j 03:48	4°♍37'56	
morning rise	-3524 Oct 01 j 09:12	0°♍00'41	
	-3524 Oct 01 j 09:34	30°℞♌	
direct	-3524 Oct 05 j 10:20	28°♌28'28	
	-3524 Oct 09 j 19:49	0°♍	
morning max el	-3524 Oct 13 j 21:20	3°♍27'06	21°05'08
	-3524 Nov 02 j 14:03	0°♎	
desc. node	-3524 Nov 08 j 07:19	8°♎40'22	
morning set	-3524 Nov 12 j 22:05	15°♎49'35	
max. Earth dist.	-3524 Nov 21 j 04:47	29°♎02'40	1.42595 AU
	-3524 Nov 21 j 18:49	0°♏	
superior conj	-3524 Nov 28 j 04:41	10°♏41'19	-1°45'01
minimum elong	-3524 Nov 27 j 24:00	10°♏21'25	1°44'48
	-3524 Dec 09 j 05:08	0°♐	
evening rise	-3524 Dec 09 j 18:15	0°♐58'52	
asc. node	-3524 Dec 24 j 02:48	24°♐43'02	
evening max el	-3524 Dec 26 j 14:02	27°♐31'45	18°07'54
	-3524 Dec 29 j 17:43	0°♑	
retrograde	-3523 Jan 02 j 06:23	0°♑59'24	
evening set	-3523 Jan 04 j 23:07	0°♑25'32	
	-3523 Jan 05 j 20:43	30°℞♐	
inferior conj	-3523 Jan 11 j 13:21	25°♐22'47	4°00'44
minimum elong	-3523 Jan 11 j 12:30	25°♐24'53	4°00'34
min. Earth dist.	-3523 Jan 14 j 13:04	22°♐28'11	0.61638 AU
morning rise	-3523 Jan 18 j 00:41	19°♐34'51	
direct	-3523 Jan 25 j 00:39	17°♐07'23	
desc. node	-3523 Feb 04 j 06:42	21°♐30'09	
morning max el	-3523 Feb 08 j 01:43	24°♐51'50	27°39'45
	-3523 Feb 12 j 19:20	0°♑	
	-3523 Mar 04 j 16:40	0°♒	
morning set	-3523 Mar 12 j 20:41	15°♒46'08	
max. Earth dist.	-3523 Mar 18 j 20:46	28°♒27'09	1.32712 AU
	-3523 Mar 19 j 13:53	0°♓	
superior conj	-3523 Mar 20 j 04:04	1°♓17'04	-0°20'02
minimum elong	-3523 Mar 20 j 04:59	1°♓22'00	0°19'54
asc. node	-3523 Mar 22 j 02:13	5°♓28'26	
evening rise	-3523 Mar 27 j 03:40	16°♓22'09	
	-3523 Apr 02 j 23:22	0°♈	
evening max el	-3523 Apr 21 j 20:52	27°♈05'10	24°43'01
	-3523 Apr 25 j 06:17	0°♉	
desc. node	-3523 May 03 j 05:34	3°♉53'58	
retrograde	-3523 May 05 j 20:40	4°♉10'00	
evening set	-3523 May 10 j 15:53	3°♉17'33	
min. Earth dist.	-3523 May 16 j 08:58	0°♉20'37	0.57121 AU
	-3523 May 16 j 21:50	30°℞♈	
inferior conj	-3523 May 19 j 05:57	28°♈27'42	-3°44'53
minimum elong	-3523 May 19 j 00:50	28°♈36'10	3°43'53
morning rise	-3523 May 27 j 12:52	24°♈19'14	
direct	-3523 May 30 j 00:36	24°♈01'43	
morning max el	-3523 Jun 08 j 03:53	28°♈16'56	19°18'41
	-3523 Jun 09 j 20:30	0°♉	
asc. node	-3523 Jun 18 j 01:46	11°♉53'47	
morning set	-3523 Jun 25 j 06:05	25°♉29'42	
	-3523 Jun 27 j 12:16	0°♊	
superior conj	-3523 Jul 03 j 12:02	11°♊52'24	1°47'14
minimum elong	-3523 Jul 03 j 10:54	11°♊46'52	1°47'18
max. Earth dist.	-3523 Jul 09 j 17:23	23°♊39'34	1.37978 AU
	-3523 Jul 13 j 05:48	0°♋	
evening rise	-3523 Jul 13 j 13:52	0°♋35'32	
desc. node	-3523 Jul 30 j 04:41	27°♋25'03	
	-3523 Jul 31 j 23:10	0°♌	
evening max el	-3523 Aug 18 j 09:27	21°♌51'45	24°59'01
retrograde	-3523 Aug 30 j 02:11	28°♌40'16	
evening set	-3523 Sep 04 j 20:05	26°♌13'03	
min. Earth dist.	-3523 Sep 09 j 08:35	21°♌04'00	0.67065 AU
inferior conj	-3523 Sep 10 j 05:28	19°♌54'59	-1°16'59
minimum elong	-3523 Sep 10 j 07:17	19°♌49'00	1°16'09
asc. node	-3523 Sep 14 j 00:54	15°♌20'11	
morning rise	-3523 Sep 15 j 18:31	13°♌52'23	
direct	-3523 Sep 19 j 08:05	12°♌38'47	
morning max el	-3523 Sep 26 j 21:42	17°♌01'21	19°55'43
	-3523 Oct 06 j 23:23	0°♍	
morning set	-3523 Oct 22 j 20:05	24°♍02'10	
desc. node	-3523 Oct 26 j 04:19	29°♍13'59	
	-3523 Oct 26 j 16:07	0°♎	
max. Earth dist.	-3523 Nov 03 j 15:46	12°♎35'20	1.43993 AU
superior conj	-3523 Nov 08 j 10:51	20°♎17'49	-1°18'10
minimum elong	-3523 Nov 08 j 03:42	19°♎48'50	1°17'28
	-3523 Nov 14 j 08:42	0°♏	
evening rise	-3523 Nov 21 j 21:32	12°♏42'24	
	-3523 Dec 02 j 04:13	0°♐	
evening max el	-3523 Dec 10 j 02:42	10°♐49'07	18°16'20
asc. node	-3523 Dec 10 j 23:52	11°♐39'58	
retrograde	-3523 Dec 16 j 15:36	14°♐21'07	
evening set	-3523 Dec 19 j 12:09	13°♐38'18	
inferior conj	-3523 Dec 25 j 16:18	8°♐15'36	3°45'17
minimum elong	-3523 Dec 25 j 13:50	8°♐22'22	3°44'48
min. Earth dist.	-3523 Dec 28 j 02:06	5°♐37'26	0.63453 AU
morning rise	-3523 Dec 31 j 14:52	2°♐17'12	
	-3522 Jan 04 j 15:32	30°℞♏	
direct	-3522 Jan 07 j 15:45	29°♏30'08	
	-3522 Jan 10 j 19:22	0°♐	
morning max el	-3522 Jan 21 j 08:53	7°♐15'04	27°37'37
desc. node	-3522 Jan 22 j 03:47	8°♐02'38	
	-3522 Feb 07 j 21:35	0°♑	
morning set	-3522 Feb 24 j 19:54	0°♒02'30	
	-3522 Feb 24 j 19:24	0°♒	
max. Earth dist.	-3522 Mar 02 j 02:40	10°♒54'28	1.33263 AU
superior conj	-3522 Mar 04 j 12:18	16°♒01'10	-0°45'06
minimum elong	-3522 Mar 04 j 14:18	16°♒11'53	0°44'48
asc. node	-3522 Mar 08 j 23:14	25°♒36'21	
	-3522 Mar 11 j 00:42	0°♓	
evening rise	-3522 Mar 11 j 15:19	1°♓17'02	
	-3522 Mar 27 j 19:43	0°♈	
evening max el	-3522 Apr 03 j 12:58	7°♈48'27	23°09'38
retrograde	-3522 Apr 16 j 22:51	14°♈25'45	
evening set	-3522 Apr 20 j 10:16	13°♈59'20	
desc. node	-3522 Apr 20 j 02:39	14°♈03'52	
min. Earth dist.	-3522 Apr 27 j 23:30	10°♈36'24	0.55739 AU
inferior conj	-3522 Apr 29 j 15:49	9°♈37'24	-2°30'44
minimum elong	-3522 Apr 29 j 09:59	9°♈45'58	2°29'01
morning rise	-3522 May 08 j 12:08	5°♈39'51	
direct	-3522 May 11 j 01:10	5°♈24'11	
morning max el	-3522 May 21 j 18:50	10°♈24'01	20°26'34
	-3522 Jun 04 j 08:16	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3522 Jun 04 j 22:50	1°♉08'48	
morning set	-3522 Jun 09 j 11:04	10°♉04'38	
superior conj	-3522 Jun 17 j 03:47	25°♉52'03	1°38'18
minimum elong	-3522 Jun 17 j 01:30	25°♉40'27	1°38'13
	-3522 Jun 19 j 05:06	0°♊	
max. Earth dist.	-3522 Jun 21 j 23:32	5°♊26'38	1.36216 AU
evening rise	-3522 Jun 26 j 02:05	13°♊13'33	
	-3522 Jul 05 j 16:50	0°♋	
desc. node	-3522 Jul 17 j 01:41	17°♋21'40	
	-3522 Jul 26 j 19:52	0°♌	
evening max el	-3522 Jul 31 j 20:31	5°♌24'12	26°07'35
retrograde	-3522 Aug 13 j 09:48	12°♌33'21	
evening set	-3522 Aug 19 j 18:10	9°♌52'06	
min. Earth dist.	-3522 Aug 23 j 22:28	5°♌20'43	0.66400 AU
inferior conj	-3522 Aug 25 j 07:05	3°♌38'39	-2°08'49
minimum elong	-3522 Aug 25 j 10:02	3°♌29'26	2°07'37
	-3522 Aug 28 j 09:48	30°℞♋	
morning rise	-3522 Aug 31 j 02:04	27°♋46'30	
asc. node	-3522 Aug 31 j 22:02	27°♋20'05	
direct	-3522 Sep 03 j 06:23	26°♋48'23	
	-3522 Sep 09 j 11:15	0°♌	
morning max el	-3522 Sep 10 j 04:53	0°♌43'17	19°00'40
	-3522 Sep 30 j 10:04	0°♍	
morning set	-3522 Oct 02 j 07:41	3°♍00'02	
desc. node	-3522 Oct 13 j 01:17	19°♍54'30	
max. Earth dist.	-3522 Oct 17 j 08:20	26°♍40'16	1.44750 AU
superior conj	-3522 Oct 18 j 17:19	28°♍50'27	-0°35'35
minimum elong	-3522 Oct 18 j 12:47	28°♍32'33	0°35'00
	-3522 Oct 19 j 10:55	0°♎	
evening rise	-3522 Nov 03 j 02:09	23°♎26'18	
	-3522 Nov 07 j 02:55	0°♏	
evening max el	-3522 Nov 23 j 14:37	24°♏13'09	18°42'55
asc. node	-3522 Nov 27 j 20:58	27°♏26'31	
retrograde	-3522 Nov 30 j 07:56	27°♏59'34	
evening set	-3522 Dec 03 j 09:40	27°♏06'11	
inferior conj	-3522 Dec 09 j 06:03	21°♏25'49	3°15'43
minimum elong	-3522 Dec 09 j 02:57	21°♏35'08	3°14'52
min. Earth dist.	-3522 Dec 11 j 00:55	19°♏16'56	0.64945 AU
morning rise	-3522 Dec 14 j 19:53	15°♏19'41	
direct	-3522 Dec 21 j 13:27	12°♏28'26	
morning max el	-3521 Jan 03 j 18:19	20°♏06'07	27°02'10
desc. node	-3521 Jan 09 j 00:51	25°♏54'09	
	-3521 Jan 12 j 07:48	0°♐	
	-3521 Jan 31 j 22:21	0°♑	
morning set	-3521 Feb 08 j 09:27	13°♑44'41	
max. Earth dist.	-3521 Feb 12 j 23:14	22°♑48'42	1.34241 AU
	-3521 Feb 16 j 10:52	0°♒	
superior conj	-3521 Feb 16 j 15:50	0°♒25'56	-1°08'53
minimum elong	-3521 Feb 16 j 18:42	0°♒40'55	1°08'32
asc. node	-3521 Feb 23 j 20:15	15°♒34'21	
evening rise	-3521 Feb 24 j 01:32	16°♒01'49	
	-3521 Mar 03 j 03:45	0°♓	
evening max el	-3521 Mar 16 j 09:39	18°♓39'34	21°37'43
retrograde	-3521 Mar 28 j 14:19	24°♓32'33	
evening set	-3521 Mar 31 j 04:22	24°♓17'30	
desc. node	-3521 Apr 06 j 23:46	21°♓39'22	
inferior conj	-3521 Apr 09 j 12:38	20°♓15'28	-0°42'18
minimum elong	-3521 Apr 09 j 10:40	20°♓18'15	0°41'38
min. Earth dist.	-3521 Apr 09 j 13:14	20°♓14'38	0.55153 AU
morning rise	-3521 Apr 18 j 17:30	16°♓14'10	
direct	-3521 Apr 21 j 14:07	15°♓56'09	
morning max el	-3521 May 03 j 22:48	21°♓48'32	21°52'35
	-3521 May 10 j 22:05	0°♈	
asc. node	-3521 May 22 j 19:52	20°♈46'55	
morning set	-3521 May 24 j 20:20	24°♈55'05	
	-3521 May 27 j 06:38	0°♉	
superior conj	-3521 Jun 01 j 04:14	10°♉19'44	1°23'42
minimum elong	-3521 Jun 01 j 01:34	10°♉05'47	1°23'28
max. Earth dist.	-3521 Jun 04 j 14:44	17°♉25'53	1.34765 AU
evening rise	-3521 Jun 09 j 07:01	26°♉42'52	
	-3521 Jun 11 j 00:20	0°♊	
	-3521 Jun 29 j 00:37	0°♋	
desc. node	-3521 Jul 03 j 22:43	6°♋49'17	
evening max el	-3521 Jul 14 j 08:01	18°♋51'43	26°58'08
retrograde	-3521 Jul 27 j 12:12	26°♋11'43	
evening set	-3521 Aug 03 j 08:39	23°♋23'50	
min. Earth dist.	-3521 Aug 07 j 05:30	19°♋30'48	0.65370 AU
inferior conj	-3521 Aug 09 j 03:16	17°♋18'07	-2°56'50
minimum elong	-3521 Aug 09 j 06:59	17°♋07'18	2°55'34
morning rise	-3521 Aug 15 j 05:44	11°♋39'44	
direct	-3521 Aug 18 j 03:03	10°♋53'56	
asc. node	-3521 Aug 18 j 19:10	10°♋56'24	
morning max el	-3521 Aug 24 j 17:08	14°♋30'02	18°21'49
	-3521 Sep 04 j 18:55	0°♌	
morning set	-3521 Sep 12 j 21:48	13°♌16'20	
	-3521 Sep 23 j 05:23	0°♍	
superior conj	-3521 Sep 27 j 17:24	7°♍09'54	0°14'01
minimum elong	-3521 Sep 27 j 19:12	7°♍16'59	0°13'50
behind sun begin	-3521 Sep 27 j 13:14	6°♍53'20	
behind sun end	-3521 Sep 28 j 01:10	7°♍40'38	
desc. node	-3521 Sep 29 j 22:15	10°♍38'48	
max. Earth dist.	-3521 Sep 30 j 02:55	10°♍57'13	1.44780 AU
	-3521 Oct 12 j 06:07	0°♎	
evening rise	-3521 Oct 14 j 06:02	3°♎07'36	
greatest brilliancy	-3521 Oct 25 j 02:09	20°♎00'24	-0.7m
	-3521 Oct 31 j 19:57	0°♏	
evening max el	-3521 Nov 06 j 23:20	7°♏39'38	19°26'22
retrograde	-3521 Nov 14 j 04:07	11°♏49'27	
asc. node	-3521 Nov 14 j 18:05	11°♏47'29	
evening set	-3521 Nov 17 j 12:50	10°♏43'23	
inferior conj	-3521 Nov 23 j 03:27	4°♏48'22	2°36'29
minimum elong	-3521 Nov 23 j 00:29	4°♏57'58	2°35'27
min. Earth dist.	-3521 Nov 24 j 08:32	3°♏14'42	0.66073 AU
	-3521 Nov 27 j 01:55	30°℞♎	
morning rise	-3521 Nov 28 j 11:54	28°♎36'44	
direct	-3521 Dec 04 j 17:04	25°♎53'39	
	-3521 Dec 13 j 15:14	0°♏	
morning max el	-3521 Dec 17 j 03:52	3°♏13'25	26°00'22
desc. node	-3521 Dec 26 j 21:53	14°♏41'25	
	-3520 Jan 06 j 14:27	0°♐	
morning set	-3520 Jan 22 j 09:10	26°♐40'24	
	-3520 Jan 24 j 03:54	0°♑	
max. Earth dist.	-3520 Jan 26 j 08:14	4°♑09'51	1.35664 AU
superior conj	-3520 Jan 31 j 12:13	14°♑24'01	-1°29'55
minimum elong	-3520 Jan 31 j 15:27	14°♑40'23	1°29'39
evening rise	-3520 Feb 08 j 08:26	0°♒30'25	
	-3520 Feb 08 j 02:29	0°♒	
asc. node	-3520 Feb 10 j 17:16	5°♒17'34	
evening max el	-3520 Feb 26 j 15:42	29°♒59'45	20°17'56
	-3520 Feb 26 j 15:48	0°♓	
retrograde	-3520 Mar 08 j 05:07	5°♓01'06	
evening set	-3520 Mar 10 j 11:52	4°♓48'02	
inferior conj	-3520 Mar 19 j 09:41	0°♓49'10	1°13'20
minimum elong	-3520 Mar 19 j 12:48	0°♓44'31	1°12'13
	-3520 Mar 20 j 18:48	30°℞♒	
min. Earth dist.	-3520 Mar 21 j 03:16	29°♒47'33	0.55500 AU
desc. node	-3520 Mar 23 j 20:54	28°♒16'28	
morning rise	-3520 Mar 28 j 12:04	26°♒25'55	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3520 Apr 01 j 03:47	25°♒56'45		
	-3520 Apr 11 j 15:43	0°♓		
morning max el	-3520 Apr 14 j 17:48	2°♓37'47	23°30'17	
	-3520 May 03 j 10:11	0°♈		
morning set	-3520 May 08 j 07:55	9°♈54'33		
asc. node	-3520 May 08 j 16:51	10°♈41'29		
superior conj	-3520 May 15 j 10:30	25°♈06'10	1°04'59	
minimum elong	-3520 May 15 j 08:03	24°♈53'05	1°04'38	
max. Earth dist.	-3520 May 17 j 15:30	29°♈48'15	1.33681 AU	
	-3520 May 17 j 17:43	0°♉		
evening rise	-3520 May 22 j 23:58	10°♉49'37		
	-3520 Jun 02 j 08:07	0°♊		
desc. node	-3520 Jun 19 j 19:46	25°♊35'15		
	-3520 Jun 23 j 17:54	0°♋		
evening max el	-3520 Jun 25 j 18:45	2°♋02'45	27°23'27	
retrograde	-3520 Jul 09 j 09:06	9°♋26'32		
evening set	-3520 Jul 16 j 12:29	6°♋43'26		
min. Earth dist.	-3520 Jul 20 j 03:43	3°♋25'22	0.63956 AU	
inferior conj	-3520 Jul 22 j 15:27	0°♋48'03	-3°38'15	
minimum elong	-3520 Jul 22 j 19:17	0°♋37'54	3°37'16	
	-3520 Jul 23 j 09:47	30°℞♊		
morning rise	-3520 Jul 29 j 02:54	25°♊26'36		
direct	-3520 Jul 31 j 19:25	24°♊50'13		
asc. node	-3520 Aug 04 j 16:15	26°♊05'20		
morning max el	-3520 Aug 07 j 07:55	28°♊16'14	18°00'13	
	-3520 Aug 08 j 22:02	0°♋		
morning set	-3520 Aug 24 j 14:19	24°♋48'02		
	-3520 Aug 27 j 15:08	0°♌		
superior conj	-3520 Sep 06 j 09:24	16°♌19'01	0°57'51	
minimum elong	-3520 Sep 06 j 14:56	16°♌41'37	0°57'18	
max. Earth dist.	-3520 Sep 11 j 19:36	25°♌04'41	1.44093 AU	
	-3520 Sep 14 j 22:01	0°♍		
desc. node	-3520 Sep 15 j 19:12	1°♍23'30		
evening rise	-3520 Sep 22 j 14:31	11°♍59'56		
	-3520 Oct 04 j 10:33	0°♎		
evening max el	-3520 Oct 20 j 02:52	21°♎05'41	20°24'51	
retrograde	-3520 Oct 28 j 01:27	25°♎46'27		
evening set	-3520 Oct 31 j 19:19	24°♎25'20		
asc. node	-3520 Oct 31 j 15:12	24°♎32'36		
inferior conj	-3520 Nov 06 j 05:58	18°♎19'07	1°50'36	
minimum elong	-3520 Nov 06 j 03:37	18°♎27'01	1°49'41	
min. Earth dist.	-3520 Nov 06 j 22:52	17°♎22'07	0.66850 AU	
morning rise	-3520 Nov 11 j 11:44	12°♎04'24		
direct	-3520 Nov 17 j 02:09	9°♎37'42		
morning max el	-3520 Nov 28 j 12:35	16°♎26'29	24°41'20	
	-3520 Dec 09 j 19:01	0°♏		
desc. node	-3520 Dec 12 j 18:53	4°♏07'39		
	-3520 Dec 29 j 13:49	0°♐		
morning set	-3519 Jan 03 j 13:33	8°♐33'50		
max. Earth dist.	-3519 Jan 07 j 07:01	15°♐15'06	1.37482 AU	
superior conj	-3519 Jan 13 j 22:13	27°♐46'07	-1°46'13	
minimum elong	-3519 Jan 14 j 00:56	27°♐59'21	1°46'09	
	-3519 Jan 15 j 01:39	0°♑		
evening rise	-3519 Jan 22 j 09:48	14°♑36'09		
asc. node	-3519 Jan 27 j 14:18	24°♑40'17		
	-3519 Jan 30 j 13:44	0°♒		
evening max el	-3519 Feb 08 j 08:27	11°♒56'43	19°16'03	
retrograde	-3519 Feb 17 j 07:07	16°♒12'41		
evening set	-3519 Feb 19 j 15:17	15°♒56'27		
inferior conj	-3519 Feb 27 j 20:13	11°♒46'39	2°45'13	
minimum elong	-3519 Feb 28 j 01:10	11°♒38'20	2°43'51	
min. Earth dist.	-3519 Mar 02 j 18:26	9°♒49'14	0.56695 AU	
morning rise	-3519 Mar 08 j 08:17	6°♒52'40		
desc. node	-3519 Mar 10 j 17:59	6°♒12'13		
direct	-3519 Mar 13 j 04:47	5°♒58'08		
morning max el	-3519 Mar 27 j 08:49	13°♒12'56	25°07'50	
	-3519 Apr 09 j 10:31	0°♓		
morning set	-3519 Apr 22 j 20:07	24°♓57'11		
	-3519 Apr 25 j 05:03	0°♈		
asc. node	-3519 Apr 25 j 13:50	0°♈47'18		
superior conj	-3519 Apr 29 j 20:21	10°♈04'04	0°43'18	
minimum elong	-3519 Apr 29 j 18:34	9°♈54'18	0°42'58	
max. Earth dist.	-3519 Apr 30 j 23:51	12°♈33'14	1.32964 AU	
evening rise	-3519 May 07 j 01:19	25°♈22'37		
	-3519 May 09 j 08:21	0°♉		
	-3519 May 26 j 21:26	0°♊		
desc. node	-3519 Jun 06 j 16:50	13°♊22'01		
evening max el	-3519 Jun 08 j 02:47	14°♊45'57	27°18'08	
retrograde	-3519 Jun 21 j 23:51	22°♊08'50		
evening set	-3519 Jun 29 j 01:56	19°♊44'41		
min. Earth dist.	-3519 Jul 02 j 16:11	16°♊52'23	0.62192 AU	
inferior conj	-3519 Jul 05 j 16:43	14°♊02'23	-4°08'52	
minimum elong	-3519 Jul 05 j 19:34	13°♊55'41	4°08'23	
morning rise	-3519 Jul 12 j 14:33	9°♊00'24		
direct	-3519 Jul 15 j 04:15	8°♊31'05		
morning max el	-3519 Jul 21 j 22:31	11°♊56'05	17°56'52	
asc. node	-3519 Jul 22 j 13:18	12°♊33'36		
	-3519 Aug 03 j 01:45	0°♋		
morning set	-3519 Aug 07 j 04:16	7°♋21'38		
superior conj	-3519 Aug 18 j 04:29	26°♋49'07	1°28'19	
minimum elong	-3519 Aug 18 j 09:24	27°♋10'13	1°28'01	
	-3519 Aug 20 j 01:19	0°♌		
max. Earth dist.	-3519 Aug 25 j 07:53	8°♌46'27	1.42794 AU	
evening rise	-3519 Sep 01 j 20:12	20°♌47'52		
desc. node	-3519 Sep 02 j 16:10	22°♌05'55		
	-3519 Sep 07 j 19:13	0°♍		
	-3519 Sep 28 j 24:00	0°♎		
evening max el	-3519 Oct 03 j 00:21	4°♎31'32	21°35'28	
retrograde	-3519 Oct 11 j 21:56	9°♎48'33		
evening set	-3519 Oct 16 j 03:10	8°♎09'58		
asc. node	-3519 Oct 18 j 12:18	5°♎48'34		
inferior conj	-3519 Oct 21 j 11:28	1°♎56'06	1°00'19	
minimum elong	-3519 Oct 21 j 10:06	2°♎00'47	0°59'46	
min. Earth dist.	-3519 Oct 21 j 17:28	1°♎35'24	0.67307 AU	
	-3519 Oct 22 j 21:28	30°℞♍		
morning rise	-3519 Oct 26 j 16:52	25°♍41'02		
direct	-3519 Oct 31 j 16:05	23°♍34'58		
morning max el	-3519 Nov 10 j 21:59	29°♍42'00	23°14'57	
	-3519 Nov 11 j 05:03	0°♎		
desc. node	-3519 Nov 29 j 15:52	24°♎01'46		
	-3519 Dec 03 j 15:47	0°♏		
morning set	-3519 Dec 15 j 16:20	19°♏08'49		
max. Earth dist.	-3519 Dec 20 j 02:16	26°♏39'33	1.39541 AU	
	-3519 Dec 22 j 00:07	0°♐		
superior conj	-3519 Dec 27 j 17:36	10°♐21'00	-1°55'01	
minimum elong	-3519 Dec 27 j 18:30	10°♐25'09	1°55'08	
evening rise	-3518 Jan 06 j 02:59	28°♐12'00		
	-3518 Jan 07 j 01:28	0°♑		
asc. node	-3518 Jan 14 j 11:20	13°♑35'06		
evening max el	-3518 Jan 22 j 10:20	24°♑26'07	18°33'55	
retrograde	-3518 Jan 30 j 03:03	28°♑11'14		
evening set	-3518 Feb 01 j 14:51	27°♑49'01		
inferior conj	-3518 Feb 09 j 02:40	23°♑20'10	3°39'59	
minimum elong	-3518 Feb 09 j 05:57	23°♑13'44	3°39'24	
min. Earth dist.	-3518 Feb 12 j 11:58	20°♑42'26	0.58478 AU	
morning rise	-3518 Feb 16 j 18:41	17°♑59'39		
direct	-3518 Feb 22 j 19:10	16°♑27'55		
desc. node	-3518 Feb 25 j 15:05	16°♑47'53		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3518 Mar 09 j 01:40	24°♉00'10	26°30'22
	-3518 Mar 14 j 12:28	0°♒	
	-3518 Apr 02 j 09:10	0°♓	
morning set	-3518 Apr 07 j 07:12	9°♓55'51	
asc. node	-3518 Apr 12 j 10:48	20°♓59'00	
superior conj	-3518 Apr 14 j 07:53	25°♓05'34	0°19'34
minimum elong	-3518 Apr 14 j 07:01	25°♓00'52	0°19'21
max. Earth dist.	-3518 Apr 14 j 12:27	25°♓30'39	1.32599 AU
	-3518 Apr 16 j 13:46	0°♈	
evening rise	-3518 Apr 21 j 08:13	10°♈11'18	
	-3518 May 01 j 15:54	0°♉	
evening max el	-3518 May 21 j 05:43	26°♉49'48	26°39'58
desc. node	-3518 May 24 j 13:55	29°♉43'36	
	-3518 May 24 j 22:31	0°♊	
retrograde	-3518 Jun 04 j 06:47	4°♊08'52	
evening set	-3518 Jun 10 j 20:39	2°♊17'03	
	-3518 Jun 14 j 06:40	30°℞♉	
min. Earth dist.	-3518 Jun 14 j 19:11	29°♉35'49	0.60193 AU
inferior conj	-3518 Jun 18 j 03:30	26°♉51'23	-4°22'10
minimum elong	-3518 Jun 18 j 03:52	26°♉50'36	4°22'04
morning rise	-3518 Jun 25 j 13:07	22°♉10'45	
direct	-3518 Jun 28 j 01:38	21°♉46'45	
morning max el	-3518 Jul 05 j 10:00	25°♉20'50	18°12'43
asc. node	-3518 Jul 09 j 10:19	0°♊04'34	
	-3518 Jul 09 j 08:59	0°♊	
morning set	-3518 Jul 21 j 10:05	20°♊41'55	
	-3518 Jul 26 j 09:00	0°♋	
superior conj	-3518 Jul 31 j 01:37	8°♋36'43	1°44'38
minimum elong	-3518 Jul 31 j 04:00	8°♋47'30	1°44'38
max. Earth dist.	-3518 Aug 07 j 14:42	21°♋49'34	1.41049 AU
evening rise	-3518 Aug 12 j 18:06	0°♌22'24	
	-3518 Aug 12 j 12:36	0°♌	
desc. node	-3518 Aug 20 j 13:10	12°♌42'06	
	-3518 Sep 01 j 07:14	0°♍	
evening max el	-3518 Sep 15 j 16:15	17°♍58'12	22°54'01
retrograde	-3518 Sep 25 j 16:00	23°♍53'28	
evening set	-3518 Sep 30 j 10:39	21°♍55'40	
asc. node	-3518 Oct 05 j 09:23	16°♍07'45	
inferior conj	-3518 Oct 05 j 18:08	15°♍37'35	0°07'31
minimum elong	-3518 Oct 05 j 17:58	15°♍38'12	0°07'29
transit middle	-3518 Oct 05 j 17:58	15°♍38'12	0°07'29
transit begin	-3518 Oct 05 j 15:34	15°♍46'29	
transit end	-3518 Oct 05 j 20:22	15°♍29'56	
min. Earth dist.	-3518 Oct 05 j 13:51	15°♍52'22	0.67457 AU
morning rise	-3518 Oct 11 j 01:09	9°♍25'09	
direct	-3518 Oct 15 j 09:59	7°♍40'48	
morning max el	-3518 Oct 24 j 11:26	13°♍02'53	21°50'17
	-3518 Nov 06 j 19:59	0°♎	
desc. node	-3518 Nov 16 j 12:52	14°♎15'56	
morning set	-3518 Nov 25 j 14:21	28°♎20'54	
	-3518 Nov 26 j 15:08	0°♏	
max. Earth dist.	-3518 Dec 02 j 02:10	8°♏54'56	1.41567 AU
superior conj	-3518 Dec 09 j 17:08	21°♏55'41	-1°52'49
minimum elong	-3518 Dec 09 j 14:42	21°♏45'03	1°52'51
	-3518 Dec 14 j 05:59	0°♐	
evening rise	-3518 Dec 20 j 08:44	11°♐11'15	
	-3518 Dec 31 j 02:03	0°♑	
asc. node	-3517 Jan 01 j 08:24	1°♑53'22	
evening max el	-3517 Jan 05 j 18:41	7°♑20'10	18°11'45
retrograde	-3517 Jan 12 j 16:49	10°♑50'13	
evening set	-3517 Jan 15 j 07:51	10°♑20'43	
inferior conj	-3517 Jan 22 j 05:04	5°♑30'00	4°00'47
minimum elong	-3517 Jan 22 j 05:36	5°♑28'48	4°00'39
min. Earth dist.	-3517 Jan 25 j 10:47	2°♑35'05	0.60495 AU
	-3517 Jan 28 j 19:51	30°℞♐	
morning rise	-3517 Jan 29 j 01:49	29°♐50'30	
direct	-3517 Feb 04 j 20:35	27°♐41'03	
	-3517 Feb 12 j 06:39	0°♑	
desc. node	-3517 Feb 12 j 12:10	0°♑08'17	
morning max el	-3517 Feb 19 j 00:19	5°♑21'36	27°24'37
	-3517 Mar 09 j 09:27	0°♒	
morning set	-3517 Mar 22 j 15:25	24°♒44'07	
	-3517 Mar 25 j 03:37	0°♓	
max. Earth dist.	-3517 Mar 29 j 01:40	8°♓27'44	1.32573 AU
superior conj	-3517 Mar 29 j 19:26	10°♓04'48	-0°05'25
minimum elong	-3517 Mar 29 j 19:41	10°♓06'09	0°05'25
behind sun begin	-3517 Mar 29 j 14:56	9°♓40'11	
behind sun end	-3517 Mar 30 j 00:26	10°♓32'08	
asc. node	-3517 Mar 30 j 07:49	11°♓12'31	
evening rise	-3517 Apr 05 j 18:26	25°♓07'42	
	-3517 Apr 08 j 02:54	0°♈	
	-3517 Apr 25 j 21:48	0°♉	
evening max el	-3517 May 03 j 02:18	8°♉11'05	25°31'59
desc. node	-3517 May 11 j 11:00	14°♉06'52	
retrograde	-3517 May 17 j 04:00	15°♉23'04	
evening set	-3517 May 22 j 17:40	14°♉09'48	
min. Earth dist.	-3517 May 27 j 14:35	11°♉23'03	0.58178 AU
inferior conj	-3517 May 30 j 20:14	9°♉05'39	-4°08'49
minimum elong	-3517 May 30 j 16:59	9°♉11'26	4°08'23
morning rise	-3517 Jun 07 j 19:04	4°♉46'28	
direct	-3517 Jun 10 j 07:13	4°♉26'43	
morning max el	-3517 Jun 18 j 15:32	8°♉22'20	18°48'40
asc. node	-3517 Jun 26 j 07:20	18°♉24'31	
	-3517 Jul 02 j 18:03	0°♊	
morning set	-3517 Jul 05 j 03:24	4°♊37'42	
superior conj	-3517 Jul 13 j 19:29	21°♊27'28	1°49'01
minimum elong	-3517 Jul 13 j 19:25	21°♊27'07	1°49'08
	-3517 Jul 18 j 09:42	0°♋	
max. Earth dist.	-3517 Jul 20 j 17:25	4°♋10'49	1.39097 AU
evening rise	-3517 Jul 24 j 17:28	11°♋10'02	
	-3517 Aug 05 j 08:41	0°♌	
desc. node	-3517 Aug 07 j 10:10	3°♌07'33	
	-3517 Aug 27 j 18:33	0°♍	
evening max el	-3517 Aug 29 j 04:20	1°♍26'43	24°14'33
retrograde	-3517 Sep 09 j 06:37	7°♍57'35	
evening set	-3517 Sep 14 j 16:01	5°♍40'22	
min. Earth dist.	-3517 Sep 19 j 09:32	0°♍11'00	0.67303 AU
	-3517 Sep 19 j 12:48	30°℞♌	
inferior conj	-3517 Sep 20 j 00:14	29°♌21'25	-0°46'15
minimum elong	-3517 Sep 20 j 01:20	29°♌17'43	0°45'42
asc. node	-3517 Sep 22 j 06:30	26°♌24'38	
morning rise	-3517 Sep 25 j 10:38	23°♌14'34	
direct	-3517 Sep 29 j 06:38	21°♌50'35	
morning max el	-3517 Oct 07 j 07:38	26°♌32'20	20°34'01
	-3517 Oct 10 j 09:50	0°♍	
	-3517 Oct 31 j 08:05	0°♎	
desc. node	-3517 Nov 03 j 09:51	4°♎43'43	
morning set	-3517 Nov 04 j 15:16	6°♎37'39	
max. Earth dist.	-3517 Nov 14 j 09:52	22°♎04'51	1.43263 AU
	-3517 Nov 19 j 06:19	0°♏	
superior conj	-3517 Nov 20 j 15:11	2°♏16'13	-1°35'45
minimum elong	-3517 Nov 20 j 09:02	1°♏50'40	1°35'18
evening rise	-3517 Dec 02 j 23:02	23°♏25'04	
	-3517 Dec 06 j 17:01	0°♐	
asc. node	-3517 Dec 19 j 05:30	19°♐23'27	
evening max el	-3517 Dec 20 j 06:30	20°♐30'12	18°09'08
retrograde	-3517 Dec 26 j 20:19	23°♐58'30	
evening set	-3517 Dec 29 j 14:35	23°♐20'54	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3516 Jan 05 j 00:10	18°♐09'05	3°56'15
minimum elong	-3516 Jan 04 j 22:30	18°♐13'22	3°55'59
min. Earth dist.	-3516 Jan 07 j 18:08	15°♐19'41	0.62443 AU
morning rise	-3516 Jan 11 j 05:32	12°♐16'12	
direct	-3516 Jan 18 j 06:55	9°♐38'55	
desc. node	-3516 Jan 30 j 09:15	15°♐40'38	
morning max el	-3516 Feb 01 j 05:09	17°♐23'50	27°43'20
	-3516 Feb 11 j 18:36	0°♑	
	-3516 Mar 01 j 01:45	0°♒	
morning set	-3516 Mar 05 j 18:38	9°♒14'02	
max. Earth dist.	-3516 Mar 11 j 11:28	21°♒09'35	1.32899 AU
superior conj	-3516 Mar 13 j 05:21	24°♒55'20	-0°30'45
minimum elong	-3516 Mar 13 j 06:44	25°♒02'50	0°30'32
	-3516 Mar 15 j 13:31	0°♓	
asc. node	-3516 Mar 16 j 04:51	1°♓23'13	
evening rise	-3516 Mar 20 j 06:02	10°♓04'15	
	-3516 Mar 30 j 14:31	0°♈	
evening max el	-3516 Apr 13 j 18:18	19°♈00'04	24°03'55
desc. node	-3516 Apr 27 j 08:05	25°♈55'33	
retrograde	-3516 Apr 27 j 13:38	25°♈55'41	
evening set	-3516 May 01 j 19:05	25°♈15'53	
min. Earth dist.	-3516 May 08 j 05:47	22°♈09'28	0.56452 AU
inferior conj	-3516 May 10 j 16:50	20°♈38'00	-3°18'30
minimum elong	-3516 May 10 j 10:52	20°♈47'17	3°17'05
morning rise	-3516 May 19 j 05:44	16°♈36'00	
direct	-3516 May 21 j 17:44	16°♈19'35	
morning max el	-3516 May 31 j 12:27	20°♈51'38	19°45'14
	-3516 Jun 07 j 19:51	0°♉	
asc. node	-3516 Jun 12 j 04:24	7°♉22'06	
morning set	-3516 Jun 18 j 04:56	19°♉00'34	
	-3516 Jun 23 j 15:21	0°♊	
superior conj	-3516 Jun 26 j 04:37	5°♊06'16	1°44'15
minimum elong	-3516 Jun 26 j 02:53	4°♊57'42	1°44'17
max. Earth dist.	-3516 Jul 01 j 20:25	16°♊02'36	1.37194 AU
evening rise	-3516 Jul 05 j 17:37	23°♊11'19	
	-3516 Jul 09 j 14:27	0°♋	
desc. node	-3516 Jul 24 j 07:10	23°♋16'59	
	-3516 Jul 29 j 02:02	0°♌	
evening max el	-3516 Aug 10 j 15:02	14°♌58'01	25°29'46
retrograde	-3516 Aug 22 j 17:04	21°♌56'52	
evening set	-3516 Aug 28 j 17:23	19°♌22'39	
min. Earth dist.	-3516 Sep 02 j 02:13	14°♌29'40	0.66828 AU
inferior conj	-3516 Sep 03 j 04:02	13°♌06'06	-1°39'16
minimum elong	-3516 Sep 03 j 06:22	12°♌58'36	1°38'16
asc. node	-3516 Sep 08 j 03:36	7°♌36'07	
morning rise	-3516 Sep 08 j 19:27	7°♌07'49	
direct	-3516 Sep 12 j 04:45	6°♌01'22	
morning max el	-3516 Sep 19 j 11:12	10°♌11'01	19°30'26
	-3516 Oct 03 j 22:54	0°♍	
morning set	-3516 Oct 13 j 16:33	15°♍03'04	
desc. node	-3516 Oct 20 j 06:50	25°♍20'52	
	-3516 Oct 23 j 05:59	0°♎	
max. Earth dist.	-3516 Oct 26 j 23:42	5°♎54'02	1.44402 AU
superior conj	-3516 Oct 30 j 10:02	11°♎21'35	-1°01'41
minimum elong	-3516 Oct 30 j 03:16	10°♎54'30	1°00'55
	-3516 Nov 10 j 20:51	0°♏	
evening rise	-3516 Nov 13 j 17:14	4°♏44'32	
	-3516 Nov 29 j 13:25	0°♐	
evening max el	-3516 Dec 02 j 19:05	3°♐50'21	18°25'24
asc. node	-3516 Dec 05 j 02:35	5°♐52'02	
retrograde	-3516 Dec 09 j 09:08	7°♐27'43	
evening set	-3516 Dec 12 j 07:35	6°♐40'45	
inferior conj	-3516 Dec 18 j 08:09	1°♐10'03	3°34'09
minimum elong	-3516 Dec 18 j 05:19	1°♐18'11	3°33'30
	-3516 Dec 19 j 08:29	30°℞♏	
min. Earth dist.	-3516 Dec 20 j 11:32	28°♏43'06	0.64132 AU
morning rise	-3516 Dec 24 j 02:31	25°♏07'43	
direct	-3516 Dec 31 j 00:57	22°♏17'07	
morning max el	-3515 Jan 13 j 13:51	0°♐00'49	27°26'14
	-3515 Jan 13 j 13:31	0°♐	
desc. node	-3515 Jan 16 j 06:21	2°♐49'51	
	-3515 Feb 04 j 17:12	0°♑	
morning set	-3515 Feb 17 j 14:10	23°♑16'49	
	-3515 Feb 20 j 22:26	0°♒	
max. Earth dist.	-3515 Feb 22 j 13:47	3°♒23'00	1.33622 AU
superior conj	-3515 Feb 25 j 11:48	9°♒31'16	-0°55'27
minimum elong	-3515 Feb 25 j 14:13	9°♒44'04	0°55'06
asc. node	-3515 Mar 03 j 01:53	21°♒26'57	
evening rise	-3515 Mar 04 j 17:16	24°♒54'47	
	-3515 Mar 07 j 04:25	0°♓	
evening max el	-3515 Mar 26 j 11:22	29°♓42'07	22°29'35
	-3515 Mar 26 j 18:56	0°♈	
retrograde	-3515 Apr 08 j 11:03	6°♈03'10	
evening set	-3515 Apr 11 j 11:20	5°♈43'13	
desc. node	-3515 Apr 14 j 05:12	4°♈53'05	
min. Earth dist.	-3515 Apr 19 j 19:55	2°♈05'05	0.55367 AU
inferior conj	-3515 Apr 20 j 19:48	1°♈31'03	-1°47'43
minimum elong	-3515 Apr 20 j 15:07	1°♈37'44	1°46'12
	-3515 Apr 23 j 13:22	30°℞♓	
morning rise	-3515 Apr 29 j 20:44	27°♓34'14	
direct	-3515 May 02 j 11:31	27°♓18'28	
	-3515 May 10 j 14:24	0°♈	
morning max el	-3515 May 13 j 22:48	2°♈40'36	21°01'23
asc. node	-3515 May 30 j 01:26	26°♈47'22	
	-3515 May 31 j 16:14	0°♉	
morning set	-3515 Jun 02 j 11:58	3°♉42'26	
superior conj	-3515 Jun 10 j 00:28	19°♉19'03	1°32'43
minimum elong	-3515 Jun 09 j 21:56	19°♉06'02	1°32'34
max. Earth dist.	-3515 Jun 14 j 05:38	27°♉50'21	1.35545 AU
	-3515 Jun 15 j 07:58	0°♊	
evening rise	-3515 Jun 18 j 13:33	6°♊12'46	
	-3515 Jul 02 j 08:10	0°♋	
desc. node	-3515 Jul 11 j 04:11	13°♋02'37	
evening max el	-3515 Jul 24 j 02:07	28°♋28'51	26°31'43
	-3515 Jul 25 j 17:09	0°♌	
retrograde	-3515 Aug 05 j 22:43	5°♌44'39	
evening set	-3515 Aug 12 j 12:35	2°♌59'18	
	-3515 Aug 15 j 11:43	30°℞♋	
min. Earth dist.	-3515 Aug 16 j 13:30	28°♋44'19	0.66006 AU
inferior conj	-3515 Aug 18 j 03:37	26°♋48'29	-2°29'47
minimum elong	-3515 Aug 18 j 06:57	26°♋38'20	2°28'32
morning rise	-3515 Aug 24 j 01:36	21°♋01'48	
asc. node	-3515 Aug 26 j 00:42	20°♋16'03	
direct	-3515 Aug 27 j 02:33	20°♋09'29	
morning max el	-3515 Sep 02 j 20:50	23°♋55'40	18°42'01
	-3515 Sep 07 j 19:49	0°♌	
morning set	-3515 Sep 23 j 14:42	24°♌32'19	
	-3515 Sep 27 j 00:40	0°♍	
desc. node	-3515 Oct 07 j 03:47	16°♍03'15	
superior conj	-3515 Oct 09 j 11:01	19°♍40'51	-0°14'38
minimum elong	-3515 Oct 09 j 09:06	19°♍33'14	0°14'22
behind sun begin	-3515 Oct 09 j 03:36	19°♍11'37	
behind sun end	-3515 Oct 09 j 14:35	19°♍54'51	
max. Earth dist.	-3515 Oct 09 j 16:52	20°♍03'51	1.44854 AU
	-3515 Oct 16 j 00:10	0°♎	
evening rise	-3515 Oct 25 j 11:14	15°♎01'01	
	-3515 Nov 03 j 20:56	0°♏	
evening max el	-3515 Nov 16 j 05:53	17°♏15'43	18°59'27

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3515 Nov 21 j 23:40	21°♏03'43	
retrograde	-3515 Nov 23 j 03:24	21°♏11'13	
evening set	-3515 Nov 26 j 07:47	20°♏12'53	
inferior conj	-3515 Dec 02 j 01:31	14°♏26'08	3°00'03
minimum elong	-3515 Dec 01 j 22:24	14°♏35'50	2°59'05
min. Earth dist.	-3515 Dec 03 j 14:27	12°♏31'27	0.65471 AU
morning rise	-3515 Dec 07 j 12:40	8°♏17'14	
direct	-3515 Dec 14 j 01:27	5°♏27'48	
morning max el	-3515 Dec 26 j 23:30	13°♏00'06	26°38'29
desc. node	-3514 Jan 03 j 03:25	21°♏07'37	
	-3514 Jan 09 j 18:36	0°♐	
	-3514 Jan 28 j 07:59	0°♑	
morning set	-3514 Jan 31 j 22:27	6°♑41'23	
max. Earth dist.	-3514 Feb 05 j 05:17	15°♑01'17	1.34785 AU
superior conj	-3514 Feb 09 j 12:40	23°♑46'03	-1°18'16
minimum elong	-3514 Feb 09 j 15:46	24°♑02'04	1°17'56
	-3514 Feb 12 j 12:30	0°♒	
evening rise	-3514 Feb 17 j 02:19	9°♒33'27	
asc. node	-3514 Feb 17 j 22:54	11°♒19'23	
	-3514 Feb 28 j 01:09	0°♓	
evening max el	-3514 Mar 08 j 11:49	10°♓44'42	21°01'56
retrograde	-3514 Mar 20 j 00:36	16°♓15'29	
evening set	-3514 Mar 22 j 09:48	16°♓02'14	
inferior conj	-3514 Mar 31 j 14:59	12°♓04'06	0°07'54
minimum elong	-3514 Mar 31 j 15:21	12°♓03'35	0°07'44
transit middle	-3514 Mar 31 j 15:21	12°♓03'35	0°07'44
transit begin	-3514 Mar 31 j 11:47	12°♓08'39	
transit end	-3514 Mar 31 j 18:55	11°♓58'30	
desc. node	-3514 Apr 01 j 02:20	11°♓47'58	
min. Earth dist.	-3514 Apr 01 j 10:05	11°♓36'56	0.55179 AU
morning rise	-3514 Apr 09 j 20:18	7°♓54'57	
direct	-3514 Apr 12 j 23:31	7°♓33'31	
morning max el	-3514 Apr 25 j 22:32	13°♓48'44	22°33'18
	-3514 May 08 j 04:20	0°♈	
asc. node	-3514 May 16 j 22:27	16°♈33'06	
morning set	-3514 May 17 j 22:25	18°♈37'11	
	-3514 May 23 j 07:20	0°♉	
superior conj	-3514 May 25 j 03:42	3°♉55'36	1°16'13
minimum elong	-3514 May 25 j 01:04	3°♉41'39	1°15'54
max. Earth dist.	-3514 May 28 j 00:52	9°♉58'05	1.34256 AU
evening rise	-3514 Jun 02 j 00:08	19°♉59'45	
	-3514 Jun 07 j 07:07	0°♊	
	-3514 Jun 26 j 07:56	0°♋	
desc. node	-3514 Jun 28 j 01:12	2°♋14'10	
evening max el	-3514 Jul 06 j 13:39	11°♋51'15	27°12'26
retrograde	-3514 Jul 19 j 22:57	19°♋13'37	
evening set	-3514 Jul 26 j 22:57	16°♋26'29	
min. Earth dist.	-3514 Jul 30 j 17:09	12°♋48'41	0.64814 AU
inferior conj	-3514 Aug 01 j 20:43	10°♋24'38	-3°15'26
minimum elong	-3514 Aug 02 j 00:36	10°♋13'47	3°14'15
morning rise	-3514 Aug 08 j 02:48	4°♋52'47	
direct	-3514 Aug 10 j 21:47	4°♋11'18	
asc. node	-3514 Aug 12 j 21:47	4°♋32'33	
morning max el	-3514 Aug 17 j 10:24	7°♋42'21	18°10'22
	-3514 Sep 01 j 11:32	0°♌	
morning set	-3514 Sep 04 j 16:32	5°♌22'09	
superior conj	-3514 Sep 18 j 15:33	28°♌14'52	0°33'56
minimum elong	-3514 Sep 18 j 19:31	28°♌30'43	0°33'30
	-3514 Sep 19 j 17:52	0°♍	
max. Earth dist.	-3514 Sep 22 j 10:52	4°♍18'18	1.44578 AU
desc. node	-3514 Sep 24 j 00:43	6°♍47'53	
evening rise	-3514 Oct 05 j 05:30	24°♍17'45	
	-3514 Oct 08 j 21:55	0°♎	
greatest brilliancy	-3514 Oct 18 j 01:29	13°♎59'09	-0.7m
	-3514 Oct 29 j 20:36	0°♏	
evening max el	-3514 Oct 30 j 12:40	0°♏42'34	19°49'37
retrograde	-3514 Nov 07 j 00:13	5°♏04'17	
asc. node	-3514 Nov 08 j 20:45	4°♏44'20	
evening set	-3514 Nov 10 j 12:35	3°♏52'09	
	-3514 Nov 14 j 09:42	30°℞♎	
inferior conj	-3514 Nov 16 j 01:21	27°♎52'13	2°17'39
minimum elong	-3514 Nov 15 j 22:35	28°♎01'18	2°16'39
min. Earth dist.	-3514 Nov 17 j 01:07	26°♎33'59	0.66451 AU
morning rise	-3514 Nov 21 j 08:22	21°♎39'08	
direct	-3514 Nov 27 j 07:35	19°♎02'03	
morning max el	-3514 Dec 09 j 08:24	26°♎09'44	25°28'10
	-3514 Dec 12 j 21:51	0°♏	
desc. node	-3514 Dec 21 j 00:25	10°♏12'59	
	-3513 Jan 03 j 08:24	0°♐	
morning set	-3513 Jan 14 j 14:37	19°♐12'14	
max. Earth dist.	-3513 Jan 18 j 09:12	26°♐11'10	1.36397 AU
	-3513 Jan 20 j 09:12	0°♑	
superior conj	-3513 Jan 24 j 05:04	7°♑30'08	-1°37'34
minimum elong	-3513 Jan 24 j 08:13	7°♑45'49	1°37'23
evening rise	-3513 Feb 01 j 07:08	23°♑52'57	
	-3513 Feb 04 j 08:44	0°♒	
asc. node	-3513 Feb 04 j 19:55	0°♒54'33	
evening max el	-3513 Feb 18 j 22:33	22°♒20'37	19°49'17
retrograde	-3513 Feb 28 j 18:25	27°♒00'39	
evening set	-3513 Mar 03 j 01:25	26°♒46'35	
inferior conj	-3513 Mar 11 j 16:25	22°♒44'35	1°56'30
minimum elong	-3513 Mar 11 j 20:50	22°♒37'42	1°55'04
min. Earth dist.	-3513 Mar 14 j 00:18	21°♒18'07	0.55922 AU
desc. node	-3513 Mar 18 j 23:27	18°♒42'48	
morning rise	-3513 Mar 20 j 13:57	18°♒08'48	
direct	-3513 Mar 24 j 17:36	17°♒30'30	
morning max el	-3513 Apr 07 j 14:51	24°♒27'33	24°12'37
	-3513 Apr 12 j 16:17	0°♓	
	-3513 Apr 30 j 16:23	0°♈	
morning set	-3513 May 02 j 10:26	3°♈38'09	
asc. node	-3513 May 03 j 19:27	6°♈32'38	
superior conj	-3513 May 09 j 11:41	18°♈46'57	0°56'06
minimum elong	-3513 May 09 j 09:28	18°♈35'00	0°55'44
max. Earth dist.	-3513 May 11 j 05:23	22°♈31'05	1.33337 AU
	-3513 May 14 j 18:31	0°♉	
evening rise	-3513 May 16 j 21:02	4°♉18'29	
	-3513 May 31 j 00:20	0°♊	
desc. node	-3513 Jun 14 j 22:16	20°♊37'05	
evening max el	-3513 Jun 18 j 23:44	24°♊52'10	27°25'15
	-3513 Jun 25 j 12:37	0°♋	
retrograde	-3513 Jul 02 j 17:03	2°♋15'03	
	-3513 Jul 09 j 08:49	30°℞♊	
evening set	-3513 Jul 09 j 21:06	29°♊38'31	
min. Earth dist.	-3513 Jul 13 j 11:17	26°♊32'45	0.63244 AU
inferior conj	-3513 Jul 16 j 04:39	23°♊48'36	-3°52'55
minimum elong	-3513 Jul 16 j 08:14	23°♊39'35	3°52'08
morning rise	-3513 Jul 22 j 20:18	18°♊34'53	
direct	-3513 Jul 25 j 11:31	18°♊01'36	
asc. node	-3513 Jul 30 j 18:50	20°♊16'35	
morning max el	-3513 Aug 01 j 01:22	21°♊25'54	17°56'32
	-3513 Aug 07 j 13:54	0°♋	
morning set	-3513 Aug 17 j 18:56	17°♋22'23	
	-3513 Aug 25 j 01:31	0°♌	
superior conj	-3513 Aug 29 j 18:33	7°♌56'48	1°12'35
minimum elong	-3513 Aug 30 j 00:15	8°♌20'30	1°12'05
max. Earth dist.	-3513 Sep 05 j 02:31	18°♌18'58	1.43611 AU
desc. node	-3513 Sep 10 j 21:40	27°♌32'00	
	-3513 Sep 12 j 11:29	0°♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3513 Sep 14 j 10:25	3°♍02'23	
	-3513 Oct 02 j 11:04	0°♎	
evening max el	-3513 Oct 13 j 13:47	14°♎09'11	20°53'35
retrograde	-3513 Oct 21 j 21:21	19°♎04'22	
evening set	-3513 Oct 25 j 19:54	17°♎35'53	
asc. node	-3513 Oct 26 j 17:51	16°♎49'58	
inferior conj	-3513 Oct 31 j 05:22	11°♎26'02	1°29'41
minimum elong	-3513 Oct 31 j 03:25	11°♎32'43	1°28'54
min. Earth dist.	-3513 Oct 31 j 17:27	10°♎44'49	0.67089 AU
morning rise	-3513 Nov 05 j 10:46	5°♎11'06	
direct	-3513 Nov 10 j 18:42	2°♎53'00	
morning max el	-3513 Nov 21 j 17:06	9°♎24'08	24°04'57
desc. node	-3513 Dec 07 j 21:24	29°♎52'22	
	-3513 Dec 07 j 23:32	0°♏	
morning set	-3513 Dec 27 j 08:49	0°♐33'50	
	-3513 Dec 27 j 00:56	0°♐	
max. Earth dist.	-3513 Dec 31 j 05:56	7°♐22'06	1.38353 AU
superior conj	-3512 Jan 07 j 09:27	20°♐33'46	-1°51'03
minimum elong	-3512 Jan 07 j 11:35	20°♐43'56	1°51'05
	-3512 Jan 12 j 06:26	0°♑	
evening rise	-3512 Jan 16 j 05:23	7°♑47'03	
asc. node	-3512 Jan 22 j 16:57	20°♑06'15	
	-3512 Jan 28 j 21:50	0°♒	
evening max el	-3512 Feb 01 j 19:24	4°♒31'34	18°55'33
retrograde	-3512 Feb 10 j 03:55	8°♒32'38	
evening set	-3512 Feb 12 j 13:39	8°♒14'01	
inferior conj	-3512 Feb 20 j 11:03	3°♒56'15	3°13'03
minimum elong	-3512 Feb 20 j 15:35	3°♒48'06	3°12'00
min. Earth dist.	-3512 Feb 23 j 15:52	1°♒39'31	0.57409 AU
	-3512 Feb 26 j 06:48	30°℞♑	
morning rise	-3512 Feb 28 j 14:53	28°♑50'12	
direct	-3512 Mar 04 j 23:56	27°♑41'03	
desc. node	-3512 Mar 04 j 20:34	27°♑41'06	
	-3512 Mar 12 j 17:52	0°♒	
morning max el	-3512 Mar 19 j 05:59	5°♒04'02	25°45'44
	-3512 Apr 06 j 07:33	0°♓	
morning set	-3512 Apr 15 j 22:22	18°♓39'28	
asc. node	-3512 Apr 19 j 16:26	26°♓41'08	
	-3512 Apr 21 j 04:58	0°♈	
superior conj	-3512 Apr 22 j 22:26	3°♈46'25	0°33'25
minimum elong	-3512 Apr 22 j 21:01	3°♈38'38	0°33'07
max. Earth dist.	-3512 Apr 23 j 16:07	5°♈22'54	1.32770 AU
evening rise	-3512 Apr 30 j 01:02	18°♈58'28	
	-3512 May 05 j 14:24	0°♉	
	-3512 May 24 j 14:58	0°♊	
evening max el	-3512 May 31 j 05:45	7°♊18'31	27°05'49
desc. node	-3512 May 31 j 19:22	7°♊50'35	
retrograde	-3512 Jun 14 j 04:26	14°♊39'46	
evening set	-3512 Jun 21 j 03:02	12°♊27'46	
min. Earth dist.	-3512 Jun 24 j 19:16	9°♊42'34	0.61359 AU
inferior conj	-3512 Jun 28 j 00:08	6°♊52'24	-4°17'09
minimum elong	-3512 Jun 28 j 02:08	6°♊47'58	4°16'52
morning rise	-3512 Jul 05 j 02:49	1°♊59'34	
direct	-3512 Jul 07 j 16:01	1°♊32'35	
morning max el	-3512 Jul 14 j 14:59	4°♊59'43	18°01'20
asc. node	-3512 Jul 16 j 15:53	7°♊12'46	
morning set	-3512 Jul 30 j 16:11	0°♋16'48	
	-3512 Jul 30 j 12:32	0°♋	
superior conj	-3512 Aug 10 j 01:14	19°♋00'58	1°36'53
minimum elong	-3512 Aug 10 j 05:10	19°♋18'11	1°36'43
	-3512 Aug 16 j 11:16	0°♌	
max. Earth dist.	-3512 Aug 17 j 12:49	1°♌46'21	1.42085 AU
evening rise	-3512 Aug 23 j 20:58	12°♌03'55	
desc. node	-3512 Aug 27 j 18:38	18°♌11'52	
	-3512 Sep 04 j 13:16	0°♍	
evening max el	-3512 Sep 25 j 08:39	27°♍34'35	22°08'09
	-3512 Sep 27 j 23:18	0°♎	
retrograde	-3512 Oct 04 j 17:04	3°♎08'06	
evening set	-3512 Oct 09 j 03:51	1°♎21'17	
	-3512 Oct 10 j 14:35	30°℞♍	
asc. node	-3512 Oct 12 j 14:56	27°♍36'14	
inferior conj	-3512 Oct 14 j 11:35	25°♍04'57	0°38'08
minimum elong	-3512 Oct 14 j 10:43	25°♍07'59	0°37'47
min. Earth dist.	-3512 Oct 14 j 13:05	24°♍59'47	0.67406 AU
morning rise	-3512 Oct 19 j 17:27	18°♍50'44	
direct	-3512 Oct 24 j 10:18	16°♍54'14	
morning max el	-3512 Nov 03 j 04:01	22°♍42'08	22°38'21
	-3512 Nov 09 j 11:46	0°♎	
desc. node	-3512 Nov 23 j 18:23	19°♎55'36	
	-3512 Nov 30 j 08:50	0°♏	
morning set	-3512 Dec 06 j 23:25	10°♏33'05	
max. Earth dist.	-3512 Dec 12 j 02:45	19°♏07'09	1.40428 AU
	-3512 Dec 18 j 08:30	0°♐	
superior conj	-3512 Dec 19 j 21:04	2°♐44'23	-1°55'40
minimum elong	-3512 Dec 19 j 20:43	2°♐42'49	1°55'47
evening rise	-3512 Dec 29 j 18:11	21°♐08'24	
	-3511 Jan 03 j 11:58	0°♑	
asc. node	-3511 Jan 08 j 14:00	8°♑46'41	
evening max el	-3511 Jan 15 j 00:18	17°♑11'59	18°21'57
retrograde	-3511 Jan 22 j 07:59	20°♑49'17	
evening set	-3511 Jan 24 j 21:03	20°♑24'14	
inferior conj	-3511 Feb 01 j 02:18	15°♑46'05	3°52'28
minimum elong	-3511 Feb 01 j 04:25	15°♑41'40	3°52'09
min. Earth dist.	-3511 Feb 04 j 11:27	12°♑57'55	0.59325 AU
morning rise	-3511 Feb 08 j 09:42	10°♑16'12	
direct	-3511 Feb 14 j 19:09	8°♑27'53	
desc. node	-3511 Feb 19 j 17:39	9°♑29'14	
morning max el	-3511 Mar 01 j 01:21	16°♑05'02	26°57'33
	-3511 Mar 12 j 10:37	0°♒	
	-3511 Mar 29 j 14:46	0°♓	
morning set	-3511 Mar 31 j 08:31	3°♓35'00	
asc. node	-3511 Apr 06 j 13:27	16°♓54'21	
superior conj	-3511 Apr 07 j 10:13	18°♓48'00	0°09'04
minimum elong	-3511 Apr 07 j 09:48	18°♓45'48	0°08'57
behind sun begin	-3511 Apr 07 j 05:40	18°♓23'05	
behind sun end	-3511 Apr 07 j 13:57	19°♓08'30	
max. Earth dist.	-3511 Apr 07 j 05:27	18°♓21'58	1.32541 AU
	-3511 Apr 12 j 13:53	0°♈	
evening rise	-3511 Apr 14 j 09:36	3°♈51'23	
	-3511 Apr 28 j 11:28	0°♉	
evening max el	-3511 May 13 j 05:47	19°♉03'29	26°14'13
desc. node	-3511 May 18 j 16:28	23°♉26'36	
retrograde	-3511 May 27 j 07:50	26°♉21'07	
evening set	-3511 Jun 02 j 12:49	24°♉45'13	
min. Earth dist.	-3511 Jun 06 j 18:40	22°♉03'44	0.59314 AU
inferior conj	-3511 Jun 10 j 03:40	19°♉27'49	-4°20'26
minimum elong	-3511 Jun 10 j 02:35	19°♉29'56	4°20'18
morning rise	-3511 Jun 17 j 18:48	14°♉56'52	
direct	-3511 Jun 20 j 07:00	14°♉34'54	
morning max el	-3511 Jun 28 j 00:25	18°♉16'27	18°25'37
asc. node	-3511 Jul 03 j 12:56	25°♉06'25	
	-3511 Jul 06 j 14:08	0°♊	
morning set	-3511 Jul 14 j 03:23	13°♊53'17	
	-3511 Jul 22 j 15:09	0°♋	
superior conj	-3511 Jul 23 j 07:58	1°♋17'49	1°47'46
minimum elong	-3511 Jul 23 j 09:15	1°♋23'40	1°47'52
max. Earth dist.	-3511 Jul 30 j 17:07	14°♋29'33	1.40220 AU
evening rise	-3511 Aug 04 j 05:16	22°♋07'59	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3511 Aug 09 j 01:14	0°♌	
desc. node	-3511 Aug 14 j 15:38	8°♌43'55	
	-3511 Aug 29 j 13:55	0°♍	
evening max el	-3511 Sep 07 j 22:30	11°♍01'04	23°28'25
retrograde	-3511 Sep 18 j 09:57	17°♍12'56	
evening set	-3511 Sep 23 j 10:40	15°♍06'47	
inferior conj	-3511 Sep 28 j 18:15	8°♍47'39	-0°15'15
minimum elong	-3511 Sep 28 j 18:36	8°♍46'26	0°15'03
transit middle	-3511 Sep 28 j 18:36	8°♍46'26	0°15'03
transit begin	-3511 Sep 28 j 17:33	8°♍50'03	
transit end	-3511 Sep 28 j 19:40	8°♍42'49	
min. Earth dist.	-3511 Sep 28 j 09:35	9°♍17'23	0.67424 AU
asc. node	-3511 Sep 29 j 12:02	7°♍46'56	
morning rise	-3511 Oct 04 j 02:28	2°♍37'01	
direct	-3511 Oct 08 j 05:31	1°♍01'41	
morning max el	-3511 Oct 16 j 20:09	6°♍06'23	21°16'29
	-3511 Nov 03 j 19:46	0°♎	
desc. node	-3511 Nov 10 j 15:21	10°♎15'53	
morning set	-3511 Nov 16 j 10:38	19°♎15'47	
	-3511 Nov 23 j 03:47	0°♏	
max. Earth dist.	-3511 Nov 24 j 05:18	1°♏44'10	1.42341 AU
superior conj	-3511 Dec 01 j 10:21	13°♏48'42	-1°47'37
minimum elong	-3511 Dec 01 j 06:15	13°♏31'08	1°47'28
	-3511 Dec 10 j 15:05	0°♐	
evening rise	-3511 Dec 12 j 17:55	3°♐49'18	
asc. node	-3511 Dec 26 j 11:04	26°♐46'06	
	-3511 Dec 29 j 04:57	0°♑	
evening max el	-3511 Dec 29 j 10:31	0°♑14'00	18°08'18
retrograde	-3510 Jan 05 j 04:03	3°♑41'46	
evening set	-3510 Jan 07 j 20:20	3°♑09'04	
	-3510 Jan 12 j 12:47	30°℞♐	
inferior conj	-3510 Jan 14 j 12:18	28°♐09'32	4°01'26
minimum elong	-3510 Jan 14 j 11:47	28°♐10'47	4°01'18
min. Earth dist.	-3510 Jan 17 j 13:50	25°♐14'03	0.61346 AU
morning rise	-3510 Jan 21 j 01:56	22°♐23'39	
direct	-3510 Jan 28 j 00:59	20°♐00'19	
desc. node	-3510 Feb 06 j 14:45	23°♐50'14	
morning max el	-3510 Feb 11 j 02:46	27°♐44'02	27°37'00
	-3510 Feb 13 j 07:32	0°♑	
	-3510 Mar 06 j 01:50	0°♒	
morning set	-3510 Mar 15 j 14:54	18°♒16'38	
	-3510 Mar 21 j 03:56	0°♓	
max. Earth dist.	-3510 Mar 21 j 17:30	1°♓13'30	1.32661 AU
superior conj	-3510 Mar 22 j 21:18	3°♓44'39	-0°16'10
minimum elong	-3510 Mar 22 j 22:02	3°♓48'39	0°16'05
asc. node	-3510 Mar 24 j 10:28	7°♓07'20	
evening rise	-3510 Mar 29 j 20:38	18°♓48'45	
	-3510 Apr 04 j 09:26	0°♈	
	-3510 Apr 24 j 20:12	0°♉	
evening max el	-3510 Apr 24 j 24:00	0°♉09'07	24°56'17
desc. node	-3510 May 05 j 13:35	6°♉48'18	
retrograde	-3510 May 09 j 00:40	7°♉16'10	
evening set	-3510 May 14 j 00:47	6°♉18'43	
min. Earth dist.	-3510 May 19 j 12:14	3°♉24'46	0.57382 AU
inferior conj	-3510 May 22 j 11:58	1°♉25'00	-3°52'32
minimum elong	-3510 May 22 j 07:16	1°♉32'55	3°51'43
	-3510 May 24 j 15:57	30°℞♈	
morning rise	-3510 May 30 j 16:45	27°♈13'50	
direct	-3510 Jun 02 j 04:34	26°♈55'47	
	-3510 Jun 09 j 20:30	0°♉	
morning max el	-3510 Jun 11 j 02:38	1°♉05'33	19°10'11
asc. node	-3510 Jun 20 j 10:00	13°♉43'39	
morning set	-3510 Jun 28 j 00:33	28°♉01'16	
	-3510 Jun 29 j 00:31	0°♊	

superior conj	-3510 Jul 06 j 08:56	14°♊30'21	1°47'56
minimum elong	-3510 Jul 06 j 08:03	14°♊26'05	1°48'03
max. Earth dist.	-3510 Jul 12 j 18:48	26°♊33'39	1.38267 AU
	-3510 Jul 14 j 16:34	0°♋	
evening rise	-3510 Jul 16 j 15:40	3°♋28'07	
desc. node	-3510 Aug 01 j 12:39	29°♋03'04	
	-3510 Aug 02 j 04:05	0°♌	
evening max el	-3510 Aug 21 j 09:47	24°♌30'59	24°47'48
	-3510 Aug 28 j 10:21	0°♍	
retrograde	-3510 Sep 01 j 22:55	1°♍15'03	
	-3510 Sep 06 j 01:24	30°℞♌	
evening set	-3510 Sep 07 j 14:34	28°♌50'27	
min. Earth dist.	-3510 Sep 12 j 04:24	23°♌36'00	0.67135 AU
inferior conj	-3510 Sep 12 j 23:37	22°♌32'06	-1°08'54
minimum elong	-3510 Sep 13 j 01:14	22°♌26'41	1°08'10
asc. node	-3510 Sep 16 j 09:09	18°♌20'52	
morning rise	-3510 Sep 18 j 11:54	16°♌28'15	
direct	-3510 Sep 22 j 03:07	15°♌11'58	
morning max el	-3510 Sep 29 j 19:24	19°♌39'10	20°05'11
	-3510 Oct 08 j 01:47	0°♍	
morning set	-3510 Oct 26 j 08:36	27°♍27'11	
	-3510 Oct 27 j 23:59	0°♎	
desc. node	-3510 Oct 28 j 12:20	0°♎48'01	
max. Earth dist.	-3510 Nov 06 j 15:35	15°♎11'51	1.43822 AU
superior conj	-3510 Nov 11 j 20:41	23°♎36'50	-1°23'21
minimum elong	-3510 Nov 11 j 13:39	23°♎08'08	1°22'42
	-3510 Nov 15 j 17:49	0°♏	
evening rise	-3510 Nov 25 j 00:14	15°♏41'09	
	-3510 Dec 03 j 09:38	0°♐	
evening max el	-3510 Dec 12 j 23:07	13°♐30'04	18°13'52
asc. node	-3510 Dec 13 j 08:10	13°♐52'26	
retrograde	-3510 Dec 19 j 11:56	17°♐00'37	
evening set	-3510 Dec 22 j 07:54	16°♐19'08	
inferior conj	-3510 Dec 28 j 13:22	10°♐59'11	3°48'39
minimum elong	-3510 Dec 28 j 11:05	11°♐05'21	3°48'13
min. Earth dist.	-3510 Dec 31 j 01:19	8°♐17'42	0.63204 AU
morning rise	-3509 Jan 03 j 13:35	5°♐02'12	
direct	-3509 Jan 10 j 14:56	2°♐17'13	
desc. node	-3509 Jan 24 j 11:49	10°♐08'06	
morning max el	-3509 Jan 24 j 09:22	10°♐02'01	27°40'10
	-3509 Feb 09 j 01:57	0°♑	
	-3509 Feb 26 j 07:43	0°♒	
morning set	-3509 Feb 27 j 15:13	2°♒36'33	
max. Earth dist.	-3509 Mar 05 j 00:34	13°♒44'54	1.33160 AU
superior conj	-3509 Mar 07 j 06:01	18°♒30'23	-0°41'21
minimum elong	-3509 Mar 07 j 07:52	18°♒40'18	0°41'04
asc. node	-3509 Mar 11 j 07:30	27°♒16'02	
	-3509 Mar 12 j 14:04	0°♓	
evening rise	-3509 Mar 14 j 08:19	3°♓44'08	
	-3509 Mar 28 j 18:00	0°♈	
evening max el	-3509 Apr 06 j 15:52	10°♈52'34	23°23'42
retrograde	-3509 Apr 20 j 04:34	17°♈34'57	
desc. node	-3509 Apr 22 j 10:41	17°♈23'40	
evening set	-3509 Apr 23 j 20:27	17°♈05'34	
min. Earth dist.	-3509 May 01 j 02:44	13°♈47'21	0.55903 AU
inferior conj	-3509 May 03 j 00:22	12°♈39'44	-2°44'35
minimum elong	-3509 May 02 j 18:21	12°♈48'42	2°42'53
morning rise	-3509 May 11 j 18:52	8°♈41'29	
direct	-3509 May 14 j 07:36	8°♈25'40	
morning max el	-3509 May 24 j 19:05	13°♈17'50	20°15'15
	-3509 Jun 05 j 17:20	0°♉	
asc. node	-3509 Jun 07 j 07:02	2°♉54'00	
morning set	-3509 Jun 12 j 04:42	12°♉32'58	
superior conj	-3509 Jun 19 j 23:03	28°♉24'34	1°40'03

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3509 Jun 19 j 20:53	28°♉13'38	1°40'01
	-3509 Jun 20 j 18:03	0°♊	
max. Earth dist.	-3509 Jun 25 j 00:06	8°♊21'24	1.36461 AU
evening rise	-3509 Jun 29 j 00:54	15°♊56'39	
	-3509 Jul 07 j 01:33	0°♋	
desc. node	-3509 Jul 19 j 09:40	19°♋03'12	
	-3509 Jul 27 j 15:10	0°♌	
evening max el	-3509 Aug 03 j 20:44	8°♌03'09	25°58'20
retrograde	-3509 Aug 16 j 07:09	15°♌09'42	
evening set	-3509 Aug 22 j 13:34	12°♌30'02	
min. Earth dist.	-3509 Aug 26 j 19:01	7°♌53'06	0.66523 AU
inferior conj	-3509 Aug 28 j 01:50	6°♌15'49	-2°01'09
minimum elong	-3509 Aug 28 j 04:38	6°♌07'00	2°00'00
morning rise	-3509 Sep 02 j 19:51	0°♌22'01	
asc. node	-3509 Sep 03 j 06:16	0°♌06'57	
	-3509 Sep 03 j 11:39	30°℞♋	
direct	-3509 Sep 06 j 01:24	29°♋21'48	
	-3509 Sep 08 j 17:10	0°♌	
morning max el	-3509 Sep 13 j 01:41	3°♌20'04	19°07'52
	-3509 Oct 01 j 17:28	0°♍	
morning set	-3509 Oct 05 j 16:57	6°♍14'53	
desc. node	-3509 Oct 15 j 09:16	21°♍27'24	
max. Earth dist.	-3509 Oct 20 j 07:43	29°♍13'45	1.44682 AU
	-3509 Oct 20 j 19:26	0°♎	
superior conj	-3509 Oct 22 j 05:50	2°♎16'00	-0°42'45
minimum elong	-3509 Oct 22 j 00:32	1°♎55'01	0°42'06
evening rise	-3509 Nov 06 j 08:26	26°♎34'08	
	-3509 Nov 08 j 10:43	0°♏	
evening max el	-3509 Nov 26 j 11:15	26°♏52'50	18°37'49
asc. node	-3509 Nov 30 j 05:15	29°♏50'13	
	-3509 Nov 30 j 13:15	0°♐	
retrograde	-3509 Dec 03 j 03:28	0°♐36'39	
	-3509 Dec 05 j 16:42	30°℞♏	
evening set	-3509 Dec 06 j 04:19	29°♏44'55	
inferior conj	-3509 Dec 12 j 01:41	24°♏06'52	3°20'53
minimum elong	-3509 Dec 11 j 22:38	24°♏15'57	3°20'05
min. Earth dist.	-3509 Dec 13 j 22:41	21°♏53'12	0.64746 AU
morning rise	-3509 Dec 17 j 16:35	18°♏01'38	
direct	-3509 Dec 24 j 11:34	15°♏10'16	
morning max el	-3508 Jan 06 j 18:43	22°♏49'42	27°09'20
desc. node	-3508 Jan 11 j 08:52	27°♏49'03	
	-3508 Jan 13 j 04:27	0°♐	
	-3508 Feb 02 j 07:39	0°♑	
morning set	-3508 Feb 11 j 06:25	16°♑24'16	
max. Earth dist.	-3508 Feb 15 j 22:47	25°♑44'29	1.34070 AU
	-3508 Feb 18 j 00:19	0°♒	
superior conj	-3508 Feb 19 j 10:21	2°♒58'04	-1°05'26
minimum elong	-3508 Feb 19 j 13:07	3°♒12'34	1°05'04
asc. node	-3508 Feb 26 j 04:31	17°♒15'35	
evening rise	-3508 Feb 26 j 18:51	18°♒30'30	
	-3508 Mar 03 j 12:45	0°♓	
evening max el	-3508 Mar 18 j 11:21	21°♓40'09	21°50'44
retrograde	-3508 Mar 30 j 21:19	27°♓40'54	
evening set	-3508 Apr 02 j 13:34	27°♓24'53	
desc. node	-3508 Apr 08 j 07:47	25°♓18'04	
inferior conj	-3508 Apr 11 j 22:20	23°♓20'39	-0°59'58
minimum elong	-3508 Apr 11 j 19:34	23°♓24'33	0°59'01
min. Earth dist.	-3508 Apr 11 j 16:25	23°♓28'58	0.55179 AU
morning rise	-3508 Apr 21 j 02:31	19°♓21'15	
direct	-3508 Apr 23 j 21:13	19°♓04'05	
morning max el	-3508 May 06 j 00:38	24°♓48'28	21°38'57
	-3508 May 10 j 17:42	0°♈	
asc. node	-3508 May 24 j 04:04	22°♈29'00	
morning set	-3508 May 26 j 13:26	27°♈21'30	
	-3508 May 27 j 19:56	0°♉	

superior conj	-3508 Jun 02 j 22:25	12°♉48'49	1°26'14
minimum elong	-3508 Jun 02 j 19:46	12°♉35'01	1°26'00
max. Earth dist.	-3508 Jun 06 j 13:42	20°♉17'20	1.34953 AU
evening rise	-3508 Jun 11 j 03:39	29°♉19'13	
	-3508 Jun 11 j 12:10	0°♊	
	-3508 Jun 29 j 04:39	0°♋	
desc. node	-3508 Jul 05 j 06:41	8°♋36'05	
evening max el	-3508 Jul 16 j 08:03	21°♋31'41	26°52'01
retrograde	-3508 Jul 29 j 10:24	28°♋50'59	
evening set	-3508 Aug 05 j 05:20	26°♋03'18	
min. Earth dist.	-3508 Aug 09 j 03:09	22°♋04'45	0.65548 AU
inferior conj	-3508 Aug 10 j 22:56	19°♋56'11	-2°49'56
minimum elong	-3508 Aug 11 j 02:35	19°♋45'27	2°48'40
morning rise	-3508 Aug 17 j 00:13	14°♋15'40	
direct	-3508 Aug 19 j 22:23	13°♋28'18	
asc. node	-3508 Aug 20 j 03:20	13°♋28'33	
morning max el	-3508 Aug 26 j 13:21	17°♋06'41	18°26'31
	-3508 Sep 05 j 00:43	0°♌	
morning set	-3508 Sep 15 j 02:52	16°♌18'57	
	-3508 Sep 23 j 14:04	0°♍	
superior conj	-3508 Sep 30 j 05:22	10°♍33'08	0°06'37
minimum elong	-3508 Sep 30 j 06:14	10°♍36'33	0°06'33
behind sun begin	-3508 Sep 29 j 19:50	9°♍55'25	
behind sun end	-3508 Sep 30 j 16:38	11°♍17'39	
desc. node	-3508 Oct 01 j 06:13	12°♍11'15	
max. Earth dist.	-3508 Oct 02 j 02:01	13°♍29'17	1.44823 AU
	-3508 Oct 12 j 14:08	0°♎	
evening rise	-3508 Oct 16 j 15:53	6°♎24'09	
greatest brilliancy	-3508 Oct 26 j 17:10	22°♎09'17	-0.8m
	-3508 Oct 31 j 21:33	0°♏	
evening max el	-3508 Nov 08 j 20:30	10°♏18'34	19°18'53
retrograde	-3508 Nov 15 j 23:15	14°♏24'36	
asc. node	-3508 Nov 16 j 02:19	14°♏24'30	
evening set	-3508 Nov 19 j 06:45	13°♏20'38	
inferior conj	-3508 Nov 24 j 22:07	7°♏27'34	2°42'53
minimum elong	-3508 Nov 24 j 19:05	7°♏37'16	2°41'53
min. Earth dist.	-3508 Nov 26 j 05:10	5°♏48'21	0.65927 AU
morning rise	-3508 Nov 30 j 07:10	1°♏16'28	
	-3508 Dec 01 j 22:53	30°℞♎	
direct	-3508 Dec 06 j 14:20	28°♎31'27	
	-3508 Dec 11 j 17:30	0°♏	
morning max el	-3508 Dec 19 j 04:22	5°♏55'08	26°10'52
desc. node	-3508 Dec 28 j 05:54	16°♏28'48	
	-3507 Jan 06 j 20:07	0°♐	
morning set	-3507 Jan 24 j 08:31	29°♐27'48	
	-3507 Jan 24 j 15:25	0°♑	
max. Earth dist.	-3507 Jan 28 j 09:27	7°♑09'32	1.35420 AU
superior conj	-3507 Feb 02 j 07:57	17°♑00'26	-1°27'00
minimum elong	-3507 Feb 02 j 11:11	17°♑16'51	1°26'43
	-3507 Feb 08 j 15:04	0°♒	
evening rise	-3507 Feb 10 j 02:21	3°♒01'42	
asc. node	-3507 Feb 12 j 01:32	7°♒01'19	
	-3507 Feb 25 j 22:04	0°♓	
evening max el	-3507 Feb 28 j 15:51	2°♓55'25	20°28'48
retrograde	-3507 Mar 11 j 11:31	8°♓04'29	
evening set	-3507 Mar 13 j 18:28	7°♓51'35	
inferior conj	-3507 Mar 22 j 18:28	3°♓53'24	0°56'47
minimum elong	-3507 Mar 22 j 20:58	3°♓49'45	0°55'52
min. Earth dist.	-3507 Mar 24 j 06:33	3°♓00'36	0.55384 AU
desc. node	-3507 Mar 26 j 04:54	1°♓55'22	
	-3507 Mar 30 j 11:04	30°℞♒	
morning rise	-3507 Mar 31 j 22:00	29°♒34'06	
direct	-3507 Apr 04 j 10:00	29°♒07'25	
	-3507 Apr 09 j 06:03	0°♓	
morning max el	-3507 Apr 17 j 20:48	5°♓42'25	23°15'26

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3507 May 04 j 20:21	0°♈	
morning set	-3507 May 11 j 00:46	12°♈19'54	
asc. node	-3507 May 11 j 01:03	12°♈21'25	
superior conj	-3507 May 18 j 03:57	27°♈33'03	1°08'04
minimum elong	-3507 May 18 j 01:27	27°♈19'39	1°07'42
	-3507 May 19 j 07:33	0°♉	
max. Earth dist.	-3507 May 20 j 12:58	2°♉35'25	1.33815 AU
evening rise	-3507 May 25 j 19:03	13°♉21'13	
	-3507 Jun 03 j 17:04	0°♊	
desc. node	-3507 Jun 22 j 03:45	27°♊29'27	
	-3507 Jun 24 j 06:41	0°♋	
evening max el	-3507 Jun 28 j 19:00	4°♋45'57	27°21'32
retrograde	-3507 Jul 12 j 08:16	12°♋09'51	
evening set	-3507 Jul 19 j 10:58	9°♋25'11	
min. Earth dist.	-3507 Jul 23 j 02:49	6°♋02'16	0.64189 AU
inferior conj	-3507 Jul 25 j 12:28	3°♋27'58	-3°32'37
minimum elong	-3507 Jul 25 j 16:21	3°♋17'33	3°31'34
	-3507 Jul 29 j 00:34	30°℞♊	
morning rise	-3507 Jul 31 j 22:30	28°♊03'45	
direct	-3507 Aug 03 j 15:32	27°♊26'12	
asc. node	-3507 Aug 07 j 00:24	28°♊24'04	
	-3507 Aug 09 j 05:15	0°♋	
morning max el	-3507 Aug 10 j 03:55	0°♋53'23	18°02'17
morning set	-3507 Aug 27 j 15:45	27°♋40'20	
	-3507 Aug 29 j 00:31	0°♌	
superior conj	-3507 Sep 09 j 17:58	19°♌32'12	0°51'59
minimum elong	-3507 Sep 09 j 23:14	19°♌53'36	0°51'25
max. Earth dist.	-3507 Sep 14 j 18:57	27°♌38'36	1.44241 AU
	-3507 Sep 16 j 06:34	0°♍	
desc. node	-3507 Sep 18 j 03:10	2°♍56'10	
evening rise	-3507 Sep 26 j 02:27	15°♍21'40	
	-3507 Oct 05 j 16:13	0°♎	
evening max el	-3507 Oct 23 j 00:54	23°♎44'58	20°15'19
retrograde	-3507 Oct 30 j 20:32	28°♎20'40	
asc. node	-3507 Nov 02 j 23:23	27°♎24'18	
evening set	-3507 Nov 03 j 12:52	27°♎02'02	
inferior conj	-3507 Nov 09 j 00:01	20°♎57'25	1°57'52
minimum elong	-3507 Nov 08 j 21:33	21°♎05'39	1°56'55
min. Earth dist.	-3507 Nov 09 j 18:41	19°♎54'46	0.66756 AU
morning rise	-3507 Nov 14 j 06:02	14°♎42'56	
direct	-3507 Nov 19 j 22:45	12°♎13'17	
morning max el	-3507 Dec 01 j 13:07	19°♎07'36	24°53'46
	-3507 Dec 10 j 19:17	0°♏	
desc. node	-3507 Dec 15 j 02:54	5°♏50'07	
	-3507 Dec 30 j 22:45	0°♐	
morning set	-3506 Jan 06 j 16:11	11°♐31'50	
max. Earth dist.	-3506 Jan 10 j 09:16	18°♐14'31	1.37186 AU
superior conj	-3506 Jan 16 j 19:46	0°♑28'54	-1°44'10
minimum elong	-3506 Jan 16 j 22:38	0°♑42'58	1°44'05
	-3506 Jan 16 j 13:51	0°♑	
evening rise	-3506 Jan 25 j 04:42	17°♑11'24	
asc. node	-3506 Jan 29 j 22:33	26°♑27'40	
	-3506 Jan 31 j 20:38	0°♒	
evening max el	-3506 Feb 11 j 07:11	14°♒47'40	19°24'08
retrograde	-3506 Feb 20 j 11:07	19°♒09'20	
evening set	-3506 Feb 22 j 18:52	18°♒53'47	
inferior conj	-3506 Mar 03 j 02:28	14°♒46'28	2°33'32
minimum elong	-3506 Mar 03 j 07:24	14°♒38'20	2°32'07
min. Earth dist.	-3506 Mar 05 j 21:34	12°♒56'38	0.56471 AU
morning rise	-3506 Mar 11 j 17:14	9°♒57'06	
desc. node	-3506 Mar 13 j 02:01	9°♒32'25	
direct	-3506 Mar 16 j 09:22	9°♒07'09	
morning max el	-3506 Mar 30 j 12:00	16°♒18'03	24°53'49
	-3506 Apr 10 j 13:04	0°♓	

morning set	-3506 Apr 25 j 12:59	27°♓22'26	
	-3506 Apr 26 j 18:46	0°♈	
asc. node	-3506 Apr 27 j 22:04	2°♈26'01	
superior conj	-3506 May 02 j 13:25	12°♈29'40	0°46'46
minimum elong	-3506 May 02 j 11:30	12°♈19'16	0°46'24
max. Earth dist.	-3506 May 03 j 20:26	15°♈17'40	1.33053 AU
evening rise	-3506 May 09 j 19:23	27°♈51'07	
	-3506 May 10 j 20:49	0°♉	
	-3506 May 27 j 23:40	0°♊	
desc. node	-3506 Jun 09 j 00:50	15°♊26'21	
evening max el	-3506 Jun 11 j 03:41	17°♊34'07	27°21'00
retrograde	-3506 Jun 24 j 23:57	24°♊57'00	
evening set	-3506 Jul 02 j 02:48	22°♊29'19	
min. Earth dist.	-3506 Jul 05 j 16:51	19°♊33'47	0.62476 AU
inferior conj	-3506 Jul 08 j 15:34	16°♊44'52	-4°05'14
minimum elong	-3506 Jul 08 j 18:40	16°♊37'28	4°04'40
morning rise	-3506 Jul 15 j 11:45	11°♊39'40	
direct	-3506 Jul 18 j 01:46	11°♊09'23	
asc. node	-3506 Jul 24 j 21:27	14°♊40'54	
morning max el	-3506 Jul 24 j 18:40	14°♊34'00	17°56'08
	-3506 Aug 04 j 10:15	0°♋	
morning set	-3506 Aug 10 j 02:51	10°♋05'27	
superior conj	-3506 Aug 21 j 08:47	29°♋49'16	1°24'40
minimum elong	-3506 Aug 21 j 14:00	0°♌11'24	1°24'17
	-3506 Aug 21 j 11:19	0°♌	
max. Earth dist.	-3506 Aug 28 j 08:03	11°♌25'06	1.43023 AU
evening rise	-3506 Sep 05 j 07:14	24°♌06'45	
desc. node	-3506 Sep 05 j 00:09	23°♌39'04	
	-3506 Sep 09 j 02:33	0°♍	
	-3506 Sep 29 j 20:40	0°♎	
evening max el	-3506 Oct 05 j 23:23	7°♎11'08	21°24'22
retrograde	-3506 Oct 14 j 17:11	12°♎22'16	
evening set	-3506 Oct 18 j 20:38	10°♎46'25	
asc. node	-3506 Oct 20 j 20:29	8°♎52'30	
inferior conj	-3506 Oct 24 j 05:12	4°♎33'34	1°08'10
minimum elong	-3506 Oct 24 j 03:40	4°♎38'49	1°07'32
min. Earth dist.	-3506 Oct 24 j 12:47	4°♎07'31	0.67261 AU
	-3506 Oct 27 j 17:55	30°℞♍	
morning rise	-3506 Oct 29 j 10:32	28°♍18'30	
direct	-3506 Nov 03 j 12:03	26°♍09'10	
	-3506 Nov 11 j 09:30	0°♎	
morning max el	-3506 Nov 13 j 22:09	2°♎22'28	23°27'53
desc. node	-3506 Dec 01 j 23:53	25°♎40'38	
	-3506 Dec 04 j 21:59	0°♏	
morning set	-3506 Dec 18 j 23:07	22°♏19'03	
max. Earth dist.	-3506 Dec 23 j 04:34	29°♏34'02	1.39231 AU
	-3506 Dec 23 j 10:30	0°♐	
superior conj	-3506 Dec 30 j 17:40	13°♐11'40	-1°54'19
minimum elong	-3506 Dec 30 j 18:57	13°♐17'36	1°54'25
evening rise	-3505 Jan 08 j 23:18	0°♑52'06	
	-3505 Jan 08 j 12:32	0°♑	
asc. node	-3505 Jan 16 j 19:36	15°♑27'04	
evening max el	-3505 Jan 25 j 07:52	27°♑12'28	18°38'55
	-3505 Jan 29 j 02:44	0°♒	
retrograde	-3505 Feb 02 j 04:14	1°♒01'07	
evening set	-3505 Feb 04 j 15:35	0°♒39'50	
	-3505 Feb 06 j 10:29	30°℞♑	
inferior conj	-3505 Feb 12 j 05:48	26°♑13'56	3°34'00
minimum elong	-3505 Feb 12 j 09:27	26°♑06'56	3°33'19
min. Earth dist.	-3505 Feb 15 j 14:27	23°♑41'02	0.58190 AU
morning rise	-3505 Feb 20 j 00:54	20°♑57'04	
direct	-3505 Feb 25 j 21:42	19°♑31'19	
desc. node	-3505 Feb 27 j 23:07	19°♑41'50	
morning max el	-3505 Mar 12 j 04:09	27°♑01'15	26°19'38

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3505 Mar 15 j 00:53	0°♒	
	-3505 Apr 03 j 19:58	0°♓	
morning set	-3505 Apr 10 j 00:22	12°♓21'59	
asc. node	-3505 Apr 14 j 19:05	22°♓37'09	
superior conj	-3505 Apr 17 j 00:49	27°♓30'51	0°23'16
minimum elong	-3505 Apr 16 j 23:48	27°♓25'18	0°23'02
max. Earth dist.	-3505 Apr 17 j 08:44	28°♓14'14	1.32635 AU
	-3505 Apr 18 j 04:05	0°♈	
evening rise	-3505 Apr 24 j 01:38	12°♈37'57	
	-3505 May 03 j 00:29	0°♉	
evening max el	-3505 May 24 j 07:36	29°♉44'30	26°47'39
	-3505 May 24 j 14:08	0°♊	
desc. node	-3505 May 26 j 21:55	2°♊02'47	
retrograde	-3505 Jun 07 j 08:01	7°♊03'51	
evening set	-3505 Jun 14 j 00:35	5°♊06'34	
min. Earth dist.	-3505 Jun 17 j 21:07	2°♊24'50	0.60501 AU
	-3505 Jun 20 j 18:32	30°℞♉	
inferior conj	-3505 Jun 21 j 04:47	29°♉38'21	-4°21'41
minimum elong	-3505 Jun 21 j 05:38	29°♉36'34	4°21'33
morning rise	-3505 Jun 28 j 12:32	24°♉54'26	
direct	-3505 Jul 01 j 01:15	24°♉29'38	
morning max el	-3505 Jul 08 j 06:49	28°♉01'29	18°09'07
	-3505 Jul 10 j 03:13	0°♊	
asc. node	-3505 Jul 11 j 18:32	2°♊03'25	
morning set	-3505 Jul 24 j 06:39	23°♊19'48	
	-3505 Jul 27 j 20:19	0°♋	
superior conj	-3505 Aug 03 j 02:23	11°♋26'17	1°42'59
minimum elong	-3505 Aug 03 j 05:11	11°♋38'49	1°42'58
max. Earth dist.	-3505 Aug 10 j 16:00	24°♋35'50	1.41327 AU
	-3505 Aug 13 j 21:51	0°♌	
evening rise	-3505 Aug 16 j 01:51	3°♌32'01	
desc. node	-3505 Aug 22 j 21:08	14°♌16'32	
	-3505 Sep 02 j 11:06	0°♍	
evening max el	-3505 Sep 18 j 16:04	20°♍37'51	22°42'01
retrograde	-3505 Sep 28 j 11:43	26°♍27'19	
evening set	-3505 Oct 03 j 04:19	24°♍32'21	
asc. node	-3505 Oct 07 j 17:35	19°♍17'27	
inferior conj	-3505 Oct 08 j 11:49	18°♍14'41	0°15'39
minimum elong	-3505 Oct 08 j 11:28	18°♍15'56	0°15'31
transit middle	-3505 Oct 08 j 11:28	18°♍15'56	0°15'31
transit begin	-3505 Oct 08 j 10:36	18°♍18'54	
transit end	-3505 Oct 08 j 12:19	18°♍12'59	
min. Earth dist.	-3505 Oct 08 j 09:01	18°♍24'22	0.67455 AU
morning rise	-3505 Oct 13 j 18:29	12°♍01'47	
direct	-3505 Oct 18 j 05:21	10°♍14'20	
morning max el	-3505 Oct 27 j 10:52	15°♍42'47	22°02'32
	-3505 Nov 07 j 22:50	0°♎	
desc. node	-3505 Nov 18 j 20:53	15°♎52'21	
	-3505 Nov 27 j 23:34	0°♏	
morning set	-3505 Nov 29 j 01:21	1°♏43'01	
max. Earth dist.	-3505 Dec 05 j 03:48	11°♏42'28	1.41284 AU
superior conj	-3505 Dec 12 j 20:33	24°♏56'20	-1°54'03
minimum elong	-3505 Dec 12 j 18:42	24°♏48'09	1°54'06
	-3505 Dec 15 j 16:37	0°♐	
evening rise	-3505 Dec 23 j 07:03	13°♐57'33	
	-3504 Jan 01 j 05:47	0°♑	
asc. node	-3504 Jan 03 j 16:40	3°♑51'21	
evening max el	-3504 Jan 08 j 15:24	10°♑03'00	18°13'42
retrograde	-3504 Jan 15 j 15:38	13°♑34'32	
evening set	-3504 Jan 18 j 06:11	13°♑06'11	
inferior conj	-3504 Jan 25 j 05:22	8°♑18'36	3°59'28
minimum elong	-3504 Jan 25 j 06:18	8°♑16'32	3°59'18
min. Earth dist.	-3504 Jan 28 j 12:14	5°♑24'43	0.60194 AU
morning rise	-3504 Feb 01 j 04:46	2°♑41'19	
direct	-3504 Feb 07 j 21:27	0°♑37'14	
desc. node	-3504 Feb 14 j 20:14	2°♑38'46	
morning max el	-3504 Feb 22 j 01:57	8°♑16'53	27°18'46
	-3504 Mar 09 j 15:15	0°♒	
morning set	-3504 Mar 24 j 09:10	27°♒12'10	
	-3504 Mar 25 j 17:18	0°♓	
max. Earth dist.	-3504 Mar 30 j 22:09	11°♓12'18	1.32553 AU
superior conj	-3504 Mar 31 j 12:28	12°♓30'35	-0°01'36
minimum elong	-3504 Mar 31 j 12:33	12°♓30'59	0°01'37
behind sun begin	-3504 Mar 31 j 07:33	12°♓03'38	
behind sun end	-3504 Mar 31 j 17:32	12°♓58'19	
asc. node	-3504 Mar 31 j 16:09	12°♓50'40	
evening rise	-3504 Apr 07 j 11:29	27°♓33'25	
	-3504 Apr 08 j 15:35	0°♈	
	-3504 Apr 25 j 18:51	0°♉	
evening max el	-3504 May 05 j 05:01	11°♉11'31	25°43'40
desc. node	-3504 May 12 j 19:02	16°♉46'28	
retrograde	-3504 May 19 j 06:51	18°♉25'12	
evening set	-3504 May 25 j 00:55	17°♉06'02	
min. Earth dist.	-3504 May 29 j 17:19	14°♉21'16	0.58465 AU
inferior conj	-3504 Jun 02 j 00:24	11°♉58'22	-4°13'04
minimum elong	-3504 Jun 01 j 21:44	12°♉03'15	4°12'45
morning rise	-3504 Jun 09 j 21:13	7°♉36'20	
direct	-3504 Jun 12 j 09:25	7°♉16'01	
morning max el	-3504 Jun 20 j 13:28	11°♉07'23	18°42'04
asc. node	-3504 Jun 27 j 15:37	20°♉17'03	
	-3504 Jul 03 j 04:28	0°♊	
morning set	-3504 Jul 06 j 22:31	7°♊11'06	
superior conj	-3504 Jul 15 j 17:35	24°♊09'04	1°48'59
minimum elong	-3504 Jul 15 j 17:50	24°♊10'16	1°49'07
	-3504 Jul 18 j 21:05	0°♋	
max. Earth dist.	-3504 Jul 22 j 19:08	7°♋03'12	1.39387 AU
evening rise	-3504 Jul 26 j 21:18	14°♋08'16	
	-3504 Aug 05 j 15:51	0°♌	
desc. node	-3504 Aug 08 j 18:08	4°♌44'01	
	-3504 Aug 27 j 09:20	0°♍	
evening max el	-3504 Aug 31 j 04:28	4°♍05'36	24°02'41
retrograde	-3504 Sep 11 j 02:58	10°♍31'53	
evening set	-3504 Sep 16 j 10:07	8°♍17'22	
min. Earth dist.	-3504 Sep 21 j 04:58	2°♍42'48	0.67345 AU
inferior conj	-3504 Sep 21 j 18:07	1°♍58'12	-0°38'05
minimum elong	-3504 Sep 21 j 19:01	1°♍55'09	0°37'39
	-3504 Sep 23 j 05:33	30°℞♌	
asc. node	-3504 Sep 23 j 14:42	29°♌30'41	
morning rise	-3504 Sep 27 j 03:54	25°♌50'22	
direct	-3504 Oct 01 j 01:38	24°♌23'36	
morning max el	-3504 Oct 09 j 06:01	29°♌11'05	20°44'38
	-3504 Oct 10 j 00:44	0°♍	
	-3504 Oct 31 j 15:01	0°♎	
desc. node	-3504 Nov 04 j 17:50	6°♎18'18	
morning set	-3504 Nov 07 j 04:16	10°♎04'37	
max. Earth dist.	-3504 Nov 16 j 10:11	24°♎44'15	1.43041 AU
	-3504 Nov 19 j 15:34	0°♏	
superior conj	-3504 Nov 22 j 22:37	5°♏28'15	-1°39'25
minimum elong	-3504 Nov 22 j 16:57	5°♏04'29	1°39'04
evening rise	-3504 Dec 04 j 23:54	26°♏18'44	
	-3504 Dec 07 j 01:55	0°♐	
asc. node	-3504 Dec 20 j 13:43	21°♐29'34	
evening max el	-3504 Dec 22 j 02:51	23°♐11'07	18°08'17
retrograde	-3504 Dec 28 j 17:25	26°♐39'04	
evening set	-3504 Dec 31 j 11:06	26°♐02'49	
inferior conj	-3503 Jan 06 j 22:15	20°♐54'06	3°58'14
minimum elong	-3503 Jan 06 j 20:51	20°♐57'38	3°57'59
min. Earth dist.	-3503 Jan 09 j 18:17	18°♐02'28	0.62165 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3503 Jan 13 j 05:36	15°♐02'47	
direct	-3503 Jan 20 j 06:39	12°♐28'38	
desc. node	-3503 Jan 31 j 17:18	17°♐53'45	
morning max el	-3503 Feb 03 j 06:03	20°♐13'43	27°42'55
	-3503 Feb 11 j 16:50	0°♑	
	-3503 Mar 02 j 12:36	0°♒	
morning set	-3503 Mar 08 j 13:18	11°♒45'49	
max. Earth dist.	-3503 Mar 14 j 08:40	23°♒57'22	1.32821 AU
superior conj	-3503 Mar 15 j 22:45	27°♒23'11	-0°26'56
minimum elong	-3503 Mar 15 j 23:58	27°♒29'47	0°26'44
	-3503 Mar 17 j 03:38	0°♓	
asc. node	-3503 Mar 18 j 13:08	3°♓02'08	
evening rise	-3503 Mar 22 j 23:00	12°♓30'38	
	-3503 Mar 31 j 21:33	0°♈	
evening max el	-3503 Apr 16 j 21:21	22°♈04'14	24°17'50
desc. node	-3503 Apr 29 j 16:08	29°♈00'55	
retrograde	-3503 Apr 30 j 18:35	29°♈03'43	
evening set	-3503 May 05 j 04:51	28°♈19'44	
min. Earth dist.	-3503 May 11 j 09:05	25°♈16'53	0.56671 AU
inferior conj	-3503 May 14 j 00:02	23°♈37'33	-3°28'54
minimum elong	-3503 May 13 j 18:17	23°♈46'41	3°27'37
morning rise	-3503 May 22 j 10:51	19°♈33'36	
direct	-3503 May 24 j 22:41	19°♈16'51	
morning max el	-3503 Jun 03 j 11:53	23°♈42'41	19°35'31
	-3503 Jun 08 j 20:22	0°♉	
asc. node	-3503 Jun 14 j 12:40	9°♉09'56	
morning set	-3503 Jun 20 j 23:00	21°♉30'40	
	-3503 Jun 25 j 04:08	0°♊	
superior conj	-3503 Jun 29 j 00:46	7°♊42'00	1°45'27
minimum elong	-3503 Jun 28 j 23:14	7°♊34'26	1°45'30
max. Earth dist.	-3503 Jul 04 j 21:26	18°♊57'03	1.37464 AU
evening rise	-3503 Jul 08 j 18:03	25°♊59'42	
	-3503 Jul 11 j 00:32	0°♋	
desc. node	-3503 Jul 26 j 15:09	24°♋56'31	
	-3503 Jul 30 j 04:16	0°♌	
evening max el	-3503 Aug 13 j 15:11	17°♌36'34	25°19'12
retrograde	-3503 Aug 25 j 14:07	24°♌32'11	
evening set	-3503 Aug 31 j 12:12	22°♌00'18	
min. Earth dist.	-3503 Sep 04 j 22:17	17°♌01'38	0.66921 AU
inferior conj	-3503 Sep 05 j 22:23	15°♌43'03	-1°31'22
minimum elong	-3503 Sep 06 j 00:31	15°♌36'03	1°30'25
asc. node	-3503 Sep 10 j 11:48	10°♌30'59	
morning rise	-3503 Sep 11 j 12:56	9°♌43'11	
direct	-3503 Sep 14 j 23:39	8°♌34'22	
morning max el	-3503 Sep 22 j 08:29	12°♌48'22	19°38'52
	-3503 Oct 05 j 04:19	0°♍	
morning set	-3503 Oct 17 j 03:49	18°♍23'49	
desc. node	-3503 Oct 22 j 14:46	26°♍54'03	
	-3503 Oct 24 j 14:15	0°♎	
max. Earth dist.	-3503 Oct 29 j 22:51	8°♎27'12	1.44273 AU
superior conj	-3503 Nov 02 j 21:13	14°♎43'46	-1°07'51
minimum elong	-3503 Nov 02 j 14:11	14°♎15'30	1°07'06
	-3503 Nov 12 j 05:43	0°♏	
evening rise	-3503 Nov 16 j 21:18	7°♏46'29	
	-3503 Nov 30 j 12:02	0°♐	
evening max el	-3503 Dec 05 j 15:29	6°♐30'21	18°21'53
asc. node	-3503 Dec 07 j 10:47	8°♐08'34	
retrograde	-3503 Dec 12 j 05:01	10°♐05'40	
evening set	-3503 Dec 15 j 02:45	9°♐20'13	
inferior conj	-3503 Dec 21 j 04:31	3°♐52'21	3°38'21
minimum elong	-3503 Dec 21 j 01:48	4°♐00'03	3°37'46
min. Earth dist.	-3503 Dec 23 j 10:11	1°♐21'08	0.63900 AU
	-3503 Dec 24 j 16:39	30°℞♏	
morning rise	-3503 Dec 27 j 00:16	27°♏51'18	

direct	-3502 Jan 02 j 23:42	25°♏01'33	
	-3502 Jan 13 j 13:53	0°♐	
morning max el	-3502 Jan 16 j 14:13	2°♐46'07	27°30'53
desc. node	-3502 Jan 18 j 14:20	4°♐50'28	
	-3502 Feb 06 j 00:09	0°♑	
morning set	-3502 Feb 20 j 10:08	25°♑53'30	
	-3502 Feb 22 j 11:20	0°♒	
max. Earth dist.	-3502 Feb 25 j 12:14	6°♒15'38	1.33485 AU
superior conj	-3502 Feb 28 j 05:50	12°♒02'03	-0°51'47
minimum elong	-3502 Feb 28 j 08:06	12°♒14'09	0°51'28
asc. node	-3502 Mar 05 j 10:07	23°♒07'23	
evening rise	-3502 Mar 07 j 10:22	27°♒22'41	
	-3502 Mar 08 j 16:34	0°♓	
	-3502 Mar 26 j 22:14	0°♈	
evening max el	-3502 Mar 29 j 13:55	2°♈45'59	22°43'32
retrograde	-3502 Apr 11 j 17:36	9°♈13'10	
evening set	-3502 Apr 14 j 21:27	8°♈51'18	
desc. node	-3502 Apr 16 j 13:16	8°♈23'22	
min. Earth dist.	-3502 Apr 22 j 23:21	5°♈18'49	0.55477 AU
inferior conj	-3502 Apr 24 j 05:11	4°♈35'57	-2°03'44
minimum elong	-3502 Apr 23 j 23:59	4°♈43'26	2°02'06
morning rise	-3502 May 03 j 04:36	0°♈39'11	
direct	-3502 May 05 j 18:35	0°♈23'34	
morning max el	-3502 May 16 j 23:49	5°♈37'56	20°48'51
asc. node	-3502 Jun 01 j 09:41	28°♈31'32	
	-3502 Jun 02 j 03:47	0°♉	
morning set	-3502 Jun 05 j 05:20	6°♉10'04	
superior conj	-3502 Jun 12 j 19:14	21°♉50'19	1°34'50
minimum elong	-3502 Jun 12 j 16:46	21°♉37'43	1°34'41
	-3502 Jun 16 j 20:32	0°♊	
max. Earth dist.	-3502 Jun 17 j 05:24	0°♊43'41	1.35772 AU
evening rise	-3502 Jun 21 j 11:23	8°♊53'16	
	-3502 Jul 03 j 15:22	0°♋	
desc. node	-3502 Jul 13 j 12:12	14°♋46'29	
	-3502 Jul 25 j 22:50	0°♌	
evening max el	-3502 Jul 27 j 02:17	1°♌08'26	26°23'41
retrograde	-3502 Aug 08 j 20:30	8°♌22'09	
evening set	-3502 Aug 15 j 08:28	5°♌38'07	
min. Earth dist.	-3502 Aug 19 j 10:34	1°♌17'19	0.66152 AU
	-3502 Aug 20 j 11:46	30°℞♋	
inferior conj	-3502 Aug 20 j 22:42	29°♋26'17	-2°22'25
minimum elong	-3502 Aug 21 j 01:55	29°♋16'25	2°21'10
morning rise	-3502 Aug 26 j 19:37	23°♋37'32	
asc. node	-3502 Aug 28 j 08:53	22°♋56'38	
direct	-3502 Aug 29 j 21:40	22°♋43'14	
morning max el	-3502 Sep 05 j 17:18	26°♋32'23	18°48'09
	-3502 Sep 08 j 17:22	0°♌	
morning set	-3502 Sep 26 j 22:09	27°♌42'09	
	-3502 Sep 28 j 08:47	0°♍	
desc. node	-3502 Oct 09 j 11:44	17°♍36'07	
superior conj	-3502 Oct 12 j 23:46	23°♍07'06	-0°22'11
minimum elong	-3502 Oct 12 j 20:51	22°♍55'38	0°21'46
max. Earth dist.	-3502 Oct 12 j 15:52	22°♍36'02	1.44834 AU
	-3502 Oct 17 j 08:28	0°♎	
evening rise	-3502 Oct 28 j 19:04	18°♎12'58	
	-3502 Nov 05 j 03:08	0°♏	
evening max el	-3502 Nov 19 j 02:44	19°♏55'41	18°53'20
asc. node	-3502 Nov 24 j 07:51	23°♏33'12	
retrograde	-3502 Nov 25 j 22:38	23°♏47'45	
evening set	-3502 Nov 29 j 02:03	22°♏51'11	
inferior conj	-3502 Dec 04 j 20:40	17°♏06'40	3°05'46
minimum elong	-3502 Dec 04 j 17:33	17°♏16'16	3°04'52
min. Earth dist.	-3502 Dec 06 j 11:40	15°♏06'53	0.65297 AU
morning rise	-3502 Dec 10 j 08:42	10°♏58'44	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3502 Dec 16 j 23:18	8°♏08'21	
morning max el	-3502 Dec 29 j 23:47	15°♏42'45	26°47'14
desc. node	-3501 Jan 05 j 11:21	22°♏59'20	
	-3501 Jan 10 j 20:11	0°♐	
	-3501 Jan 29 j 18:19	0°♑	
morning set	-3501 Feb 03 j 20:18	9°♑24'25	
max. Earth dist.	-3501 Feb 08 j 05:27	17°♑59'06	1.34588 AU
superior conj	-3501 Feb 12 j 07:38	26°♑20'30	-1°14'59
minimum elong	-3501 Feb 12 j 10:40	26°♑36'13	1°14'39
	-3501 Feb 14 j 01:44	0°♒	
evening rise	-3501 Feb 19 j 19:50	12°♒03'35	
asc. node	-3501 Feb 20 j 07:08	13°♒01'57	
	-3501 Mar 01 j 05:11	0°♓	
evening max el	-3501 Mar 11 j 12:58	13°♓44'06	21°14'08
retrograde	-3501 Mar 23 j 07:26	19°♓22'33	
evening set	-3501 Mar 25 j 18:01	19°♓08'51	
desc. node	-3501 Apr 03 j 10:21	15°♓29'50	
inferior conj	-3501 Apr 04 j 00:34	15°♓09'47	-0°09'55
minimum elong	-3501 Apr 04 j 00:06	15°♓10'26	0°09'48
transit middle	-3501 Apr 04 j 00:06	15°♓10'26	0°09'48
transit begin	-3501 Apr 03 j 20:53	15°♓14'59	
transit end	-3501 Apr 04 j 03:19	15°♓05'53	
min. Earth dist.	-3501 Apr 04 j 13:19	14°♓51'47	0.55153 AU
morning rise	-3501 Apr 13 j 05:57	11°♓03'44	
direct	-3501 Apr 16 j 06:41	10°♓43'38	
morning max el	-3501 Apr 29 j 00:52	16°♓51'00	22°18'53
	-3501 May 09 j 08:57	0°♈	
asc. node	-3501 May 19 j 06:41	18°♈14'28	
morning set	-3501 May 20 j 15:22	21°♈03'06	
	-3501 May 24 j 21:08	0°♉	
superior conj	-3501 May 27 j 21:30	6°♉23'32	1°18'59
minimum elong	-3501 May 27 j 18:51	6°♉09'32	1°18'41
max. Earth dist.	-3501 May 30 j 23:13	12°♉48'00	1.34427 AU
evening rise	-3501 Jun 04 j 20:02	22°♉34'05	
	-3501 Jun 08 j 17:57	0°♊	
	-3501 Jun 27 j 08:11	0°♋	
desc. node	-3501 Jun 30 j 09:16	4°♋04'04	
evening max el	-3501 Jul 09 j 13:51	14°♋32'55	27°08'02
retrograde	-3501 Jul 22 j 21:25	21°♋54'25	
evening set	-3501 Jul 29 j 20:18	19°♋06'53	
min. Earth dist.	-3501 Aug 02 j 15:25	15°♋23'47	0.65014 AU
inferior conj	-3501 Aug 04 j 16:55	13°♋03'40	-3°09'01
minimum elong	-3501 Aug 04 j 20:45	12°♋52'46	3°07'47
morning rise	-3501 Aug 10 j 21:42	7°♋29'25	
direct	-3501 Aug 13 j 17:28	6°♋46'27	
asc. node	-3501 Aug 15 j 05:58	6°♋58'53	
morning max el	-3501 Aug 20 j 06:26	10°♋19'03	18°14'02
	-3501 Sep 02 j 19:23	0°♌	
morning set	-3501 Sep 07 j 20:00	8°♌20'46	
	-3501 Sep 21 j 02:32	0°♍	
superior conj	-3501 Sep 22 j 02:19	1°♍34'56	0°27'02
minimum elong	-3501 Sep 22 j 05:35	1°♍47'59	0°26'40
max. Earth dist.	-3501 Sep 25 j 10:15	6°♍52'13	1.44665 AU
desc. node	-3501 Sep 26 j 08:41	8°♍20'53	
evening rise	-3501 Oct 08 j 16:34	27°♍38'10	
	-3501 Oct 10 j 05:04	0°♎	
greatest brilliancy	-3501 Oct 20 j 20:49	16°♎24'38	-0.7m
	-3501 Oct 30 j 11:31	0°♏	
evening max el	-3501 Nov 02 j 10:14	3°♏22'37	19°41'09
retrograde	-3501 Nov 09 j 19:15	7°♏39'54	
asc. node	-3501 Nov 11 j 04:56	7°♏28'30	
evening set	-3501 Nov 13 j 06:20	6°♏29'53	
inferior conj	-3501 Nov 18 j 19:42	0°♏31'36	2°24'28
minimum elong	-3501 Nov 18 j 16:52	0°♏40'54	2°23'27
	-3501 Nov 19 j 05:21	30°℞♎	
min. Earth dist.	-3501 Nov 19 j 21:17	29°♎08'01	0.66330 AU
morning rise	-3501 Nov 24 j 03:11	24°♎19'03	
direct	-3501 Nov 30 j 04:32	21°♎39'45	
morning max el	-3501 Dec 12 j 08:53	28°♎51'40	25°39'43
	-3501 Dec 13 j 11:29	0°♏	
desc. node	-3501 Dec 23 j 08:21	11°♏58'28	
	-3500 Jan 04 j 15:34	0°♐	
morning set	-3500 Jan 17 j 15:13	22°♐04'11	
max. Earth dist.	-3500 Jan 21 j 11:07	29°♐12'36	1.36135 AU
	-3500 Jan 21 j 21:04	0°♑	
superior conj	-3500 Jan 27 j 01:30	10°♑09'37	-1°34'58
minimum elong	-3500 Jan 27 j 04:42	10°♑25'40	1°34'45
evening rise	-3500 Feb 04 j 01:25	26°♑26'23	
	-3500 Feb 05 j 19:48	0°♒	
asc. node	-3500 Feb 07 j 04:08	2°♒40'07	
evening max el	-3500 Feb 21 j 22:02	25°♒14'23	19°58'54
	-3500 Mar 02 j 04:54	0°♓	
retrograde	-3500 Mar 02 j 23:55	0°♓01'43	
	-3500 Mar 03 j 19:07	30°℞♒	
evening set	-3500 Mar 05 j 06:44	29°♒48'03	
inferior conj	-3500 Mar 14 j 00:12	25°♒47'22	1°41'45
minimum elong	-3500 Mar 14 j 04:15	25°♒41'10	1°40'24
min. Earth dist.	-3500 Mar 16 j 03:22	24°♒29'30	0.55757 AU
desc. node	-3500 Mar 20 j 07:26	22°♒15'35	
morning rise	-3500 Mar 22 j 23:41	21°♒16'10	
direct	-3500 Mar 26 j 22:59	20°♒41'24	
morning max el	-3500 Apr 09 j 18:00	27°♒33'02	23°57'56
	-3500 Apr 12 j 03:33	0°♓	
	-3500 May 01 j 04:29	0°♈	
morning set	-3500 May 04 j 03:17	6°♈03'56	
asc. node	-3500 May 05 j 03:42	8°♈12'39	
superior conj	-3500 May 11 j 04:57	21°♈13'32	0°59'21
minimum elong	-3500 May 11 j 02:38	21°♈01'08	0°58'59
max. Earth dist.	-3500 May 13 j 02:33	25°♈17'54	1.33448 AU
	-3500 May 15 j 07:58	0°♉	
evening rise	-3500 May 18 j 15:38	6°♉49'01	
	-3500 May 31 j 07:04	0°♊	
desc. node	-3500 Jun 16 j 06:20	22°♊35'47	
evening max el	-3500 Jun 21 j 00:15	27°♊37'57	27°25'18
	-3500 Jun 23 j 15:49	0°♋	
retrograde	-3500 Jul 04 j 16:31	5°♋01'06	
evening set	-3500 Jul 11 j 20:33	2°♋21'56	
	-3500 Jul 14 j 15:16	30°℞♊	
min. Earth dist.	-3500 Jul 15 j 10:59	29°♊12'10	0.63500 AU
inferior conj	-3500 Jul 18 j 02:25	26°♊30'10	-3°48'00
minimum elong	-3500 Jul 18 j 06:07	26°♊20'40	3°47'08
morning rise	-3500 Jul 24 j 16:35	21°♊13'42	
direct	-3500 Jul 27 j 08:14	20°♊39'22	
asc. node	-3500 Aug 01 j 03:03	22°♊31'00	
morning max el	-3500 Aug 02 j 21:26	24°♊04'01	17°57'30
	-3500 Aug 07 j 16:01	0°♋	
morning set	-3500 Aug 19 j 19:06	20°♋11'44	
	-3500 Aug 25 j 11:11	0°♌	
superior conj	-3500 Sep 01 j 01:22	11°♌05'22	1°07'38
minimum elong	-3500 Sep 01 j 07:05	11°♌28'59	1°07'05
max. Earth dist.	-3500 Sep 07 j 02:31	20°♌56'33	1.43793 AU
desc. node	-3500 Sep 12 j 05:41	29°♌05'38	
	-3500 Sep 12 j 19:32	0°♍	
evening rise	-3500 Sep 16 j 22:25	6°♍24'57	
	-3500 Oct 02 j 14:21	0°♎	
evening max el	-3500 Oct 15 j 12:15	16°♎49'20	20°43'14
retrograde	-3500 Oct 23 j 16:33	21°♎39'21	
evening set	-3500 Oct 27 j 13:26	20°♎13'27	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3500 Oct 28 j 02:02	19°♎48'29	
inferior conj	-3500 Nov 01 j 23:17	14°♎04'44	1°37'15
minimum elong	-3500 Nov 01 j 21:11	14°♎11'52	1°36'24
min. Earth dist.	-3500 Nov 02 j 13:00	13°♎18'05	0.67014 AU
morning rise	-3500 Nov 07 j 04:46	7°♎49'49	
direct	-3500 Nov 12 j 14:57	5°♎28'43	
morning max el	-3500 Nov 23 j 17:39	12°♎06'09	24°17'45
	-3500 Dec 08 j 02:57	0°♏	
desc. node	-3500 Dec 09 j 05:22	1°♏33'31	
	-3500 Dec 27 j 10:30	0°♐	
morning set	-3500 Dec 29 j 13:09	3°♐37'26	
max. Earth dist.	-3499 Jan 02 j 08:33	10°♐21'21	1.38046 AU
superior conj	-3499 Jan 09 j 07:57	23°♐20'02	-1°49'31
minimum elong	-3499 Jan 09 j 10:20	23°♐31'26	1°49'31
	-3499 Jan 12 j 18:21	0°♑	
evening rise	-3499 Jan 18 j 00:51	10°♑24'51	
asc. node	-3499 Jan 24 j 01:11	21°♑55'57	
	-3499 Jan 28 j 20:25	0°♒	
evening max el	-3499 Feb 03 j 17:30	7°♒20'32	19°02'18
retrograde	-3499 Feb 12 j 06:48	11°♒26'38	
evening set	-3499 Feb 14 j 15:56	11°♒08'55	
inferior conj	-3499 Feb 22 j 15:57	6°♒54'02	3°03'53
minimum elong	-3499 Feb 22 j 20:41	6°♒45'42	3°02'44
min. Earth dist.	-3499 Feb 25 j 18:47	4°♒43'41	0.57146 AU
morning rise	-3499 Mar 02 j 22:44	1°♒52'01	
desc. node	-3499 Mar 07 j 04:33	0°♒50'26	
direct	-3499 Mar 08 j 03:24	0°♒48'16	
morning max el	-3499 Mar 22 j 09:04	8°♒08'47	25°32'56
	-3499 Apr 07 j 14:36	0°♓	
morning set	-3499 Apr 18 j 15:21	21°♓06'00	
asc. node	-3499 Apr 22 j 00:42	28°♓20'30	
	-3499 Apr 22 j 19:03	0°♈	
superior conj	-3499 Apr 25 j 15:25	6°♈12'40	0°36'59
minimum elong	-3499 Apr 25 j 13:51	6°♈04'09	0°36'41
max. Earth dist.	-3499 Apr 26 j 12:33	8°♈07'42	1.32828 AU
evening rise	-3499 May 02 j 18:46	21°♈26'46	
	-3499 May 07 j 01:30	0°♉	
	-3499 May 25 j 10:25	0°♊	
desc. node	-3499 Jun 03 j 03:25	10°♊01'42	
evening max el	-3499 Jun 03 j 06:58	10°♊10'12	27°10'49
retrograde	-3499 Jun 17 j 05:08	17°♊32'14	
evening set	-3499 Jun 24 j 05:14	15°♊15'36	
min. Earth dist.	-3499 Jun 27 j 20:31	12°♊28'19	0.61654 AU
inferior conj	-3499 Jul 01 j 00:02	9°♊37'45	-4°14'39
minimum elong	-3499 Jul 01 j 02:22	9°♊32'27	4°14'19
morning rise	-3499 Jul 08 j 01:00	4°♊41'47	
direct	-3499 Jul 10 j 14:19	4°♊14'02	
morning max el	-3499 Jul 17 j 11:29	7°♊40'10	17°59'23
asc. node	-3499 Jul 19 j 00:08	9°♊17'34	
	-3499 Jul 31 j 22:37	0°♋	
morning set	-3499 Aug 02 j 13:52	2°♋58'55	
superior conj	-3499 Aug 13 j 04:01	21°♋57'41	1°34'07
minimum elong	-3499 Aug 13 j 08:20	22°♋16'24	1°33'54
	-3499 Aug 17 j 20:52	0°♌	
max. Earth dist.	-3499 Aug 20 j 13:26	4°♌28'50	1.42340 AU
evening rise	-3499 Aug 27 j 06:51	15°♌20'27	
desc. node	-3499 Aug 30 j 02:42	19°♌46'32	
	-3499 Sep 05 j 19:20	0°♍	
	-3499 Sep 28 j 02:13	0°♎	
evening max el	-3499 Sep 28 j 08:01	0°♎14'50	21°56'34
retrograde	-3499 Oct 07 j 12:39	5°♎42'45	
evening set	-3499 Oct 11 j 21:25	3°♎58'52	
asc. node	-3499 Oct 14 j 23:08	0°♎44'53	
	-3499 Oct 15 j 13:04	30°℞♍	

inferior conj	-3499 Oct 17 j 05:19	27°♍43'15	0°46'10
minimum elong	-3499 Oct 17 j 04:16	27°♍46'54	0°45'43
min. Earth dist.	-3499 Oct 17 j 08:23	27°♍32'41	0.67376 AU
morning rise	-3499 Oct 22 j 10:58	21°♍28'38	
direct	-3499 Oct 27 j 06:00	19°♍28'47	
morning max el	-3499 Nov 06 j 04:02	25°♍23'36	22°51'05
	-3499 Nov 10 j 07:33	0°♎	
desc. node	-3499 Nov 26 j 02:23	21°♎34'00	
	-3499 Dec 01 j 16:00	0°♏	
morning set	-3499 Dec 10 j 08:10	13°♏50'02	
max. Earth dist.	-3499 Dec 15 j 04:39	21°♏58'57	1.40118 AU
	-3499 Dec 19 j 18:57	0°♐	
superior conj	-3499 Dec 22 j 22:30	5°♐40'04	-1°55'43
minimum elong	-3499 Dec 22 j 22:37	5°♐40'39	1°55'50
evening rise	-3498 Jan 01 j 15:20	23°♐52'08	
	-3498 Jan 04 j 21:10	0°♑	
asc. node	-3498 Jan 10 j 22:14	10°♑42'05	
evening max el	-3498 Jan 17 j 21:29	19°♑57'58	18°25'44
retrograde	-3498 Jan 25 j 08:08	23°♑37'41	
evening set	-3498 Jan 27 j 20:43	23°♑13'41	
inferior conj	-3498 Feb 04 j 04:13	18°♑38'53	3°48'38
minimum elong	-3498 Feb 04 j 06:45	18°♑33'42	3°48'14
min. Earth dist.	-3498 Feb 07 j 13:43	15°♑53'47	0.59024 AU
morning rise	-3498 Feb 11 j 14:36	13°♑12'03	
direct	-3498 Feb 17 j 21:08	11°♑29'26	
desc. node	-3498 Feb 22 j 01:38	12°♑13'31	
morning max el	-3498 Mar 04 j 03:33	19°♑05'13	26°48'40
	-3498 Mar 13 j 09:25	0°♒	
	-3498 Mar 31 j 02:53	0°♓	
morning set	-3498 Apr 03 j 01:54	6°♓03'04	
asc. node	-3498 Apr 08 j 21:44	18°♓33'33	
superior conj	-3498 Apr 10 j 03:11	21°♓14'44	0°12'50
minimum elong	-3498 Apr 10 j 02:37	21°♓11'37	0°12'42
behind sun begin	-3498 Apr 09 j 23:38	20°♓55'18	
behind sun end	-3498 Apr 10 j 05:35	21°♓27'56	
max. Earth dist.	-3498 Apr 10 j 01:40	21°♓06'26	1.32554 AU
	-3498 Apr 14 j 03:36	0°♈	
evening rise	-3498 Apr 17 j 02:49	6°♈18'36	
	-3498 Apr 29 j 16:39	0°♉	
evening max el	-3498 May 16 j 08:01	22°♉01'46	26°23'48
desc. node	-3498 May 21 j 00:29	25°♉54'37	
retrograde	-3498 May 30 j 09:54	29°♉20'06	
evening set	-3498 Jun 05 j 18:12	27°♉38'32	
min. Earth dist.	-3498 Jun 09 j 21:10	24°♉57'26	0.59623 AU
inferior conj	-3498 Jun 13 j 06:09	22°♉18'03	-4°21'46
minimum elong	-3498 Jun 13 j 05:37	22°♉19'08	4°21'39
morning rise	-3498 Jun 20 j 19:20	17°♉43'43	
direct	-3498 Jun 23 j 07:36	17°♉21'05	
morning max el	-3498 Jun 30 j 21:41	20°♉59'50	18°20'38
asc. node	-3498 Jul 05 j 21:13	27°♉03'29	
	-3498 Jul 07 j 19:21	0°♊	
morning set	-3498 Jul 16 j 23:15	16°♊29'39	
	-3498 Jul 24 j 02:34	0°♋	
superior conj	-3498 Jul 26 j 07:29	4°♋04'16	1°46'52
minimum elong	-3498 Jul 26 j 09:08	4°♋11'51	1°46'57
max. Earth dist.	-3498 Aug 02 j 18:21	17°♋17'57	1.40513 AU
evening rise	-3498 Aug 07 j 11:19	25°♋13'26	
	-3498 Aug 10 j 09:39	0°♌	
desc. node	-3498 Aug 16 j 23:41	10°♌19'56	
	-3498 Aug 30 j 14:28	0°♍	
evening max el	-3498 Sep 10 j 22:31	13°♍41'05	23°16'26
retrograde	-3498 Sep 21 j 05:57	19°♍47'19	
evening set	-3498 Sep 26 j 04:29	17°♍44'10	
min. Earth dist.	-3498 Oct 01 j 04:54	11°♍49'48	0.67439 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

inferior conj	-3498 Oct 01 j 12:00	11°♍25'21	-0°07'05
minimum elong	-3498 Oct 01 j 12:10	11°♍24'47	0°06'59
transit middle	-3498 Oct 01 j 12:10	11°♍24'47	0°06'59
transit begin	-3498 Oct 01 j 09:44	11°♍33'12	
transit end	-3498 Oct 01 j 14:37	11°♍16'23	
asc. node	-3498 Oct 01 j 20:16	10°♍57'00	
morning rise	-3498 Oct 06 j 19:45	5°♍13'58	
direct	-3498 Oct 11 j 00:47	3°♍35'28	
morning max el	-3498 Oct 19 j 19:06	8°♍46'13	21°28'06
	-3498 Nov 05 j 00:41	0°♎	
desc. node	-3498 Nov 12 j 23:22	11°♎52'07	
morning set	-3498 Nov 19 j 22:54	22°♎42'00	
	-3498 Nov 24 j 12:28	0°♏	
max. Earth dist.	-3498 Nov 27 j 06:07	4°♏27'56	1.42076 AU
superior conj	-3498 Dec 04 j 15:29	16°♏55'16	-1°49'49
minimum elong	-3498 Dec 04 j 11:58	16°♏40'08	1°49'45
	-3498 Dec 12 j 01:08	0°♐	
evening rise	-3498 Dec 15 j 17:15	6°♐39'30	
asc. node	-3498 Dec 28 j 19:17	28°♐48'28	
	-3498 Dec 29 j 16:54	0°♑	
evening max el	-3497 Jan 01 j 07:06	2°♑57'26	18°09'05
retrograde	-3497 Jan 08 j 01:59	6°♑25'38	
evening set	-3497 Jan 10 j 17:52	5°♑54'02	
inferior conj	-3497 Jan 17 j 11:36	0°♑57'38	4°01'39
minimum elong	-3497 Jan 17 j 11:26	0°♑58'01	4°01'30
	-3497 Jan 18 j 11:57	30°℞♐	
min. Earth dist.	-3497 Jan 20 j 14:47	28°♐01'51	0.61053 AU
morning rise	-3497 Jan 24 j 03:39	25°♐13'54	
direct	-3497 Jan 31 j 01:29	22°♐55'08	
desc. node	-3497 Feb 08 j 22:43	26°♐13'33	
	-3497 Feb 13 j 12:16	0°♑	
morning max el	-3497 Feb 14 j 03:56	0°♑37'46	27°33'24
	-3497 Mar 07 j 10:05	0°♒	
morning set	-3497 Mar 18 j 08:58	20°♒47'04	
	-3497 Mar 22 j 17:49	0°♓	
max. Earth dist.	-3497 Mar 24 j 14:10	4°♓00'00	1.32624 AU
superior conj	-3497 Mar 25 j 14:28	6°♓12'21	-0°12'19
minimum elong	-3497 Mar 25 j 15:01	6°♓15'24	0°12'15
behind sun begin	-3497 Mar 25 j 11:48	5°♓57'51	
behind sun end	-3497 Mar 25 j 18:14	6°♓32'57	
asc. node	-3497 Mar 26 j 18:44	8°♓46'40	
evening rise	-3497 Apr 01 j 13:36	21°♓15'45	
	-3497 Apr 05 j 20:17	0°♈	
	-3497 Apr 25 j 00:56	0°♉	
evening max el	-3497 Apr 28 j 03:02	3°♉12'41	25°09'06
desc. node	-3497 May 07 j 21:34	9°♉38'53	
retrograde	-3497 May 12 j 04:15	10°♉21'31	
evening set	-3497 May 17 j 09:13	9°♉18'46	
min. Earth dist.	-3497 May 22 j 15:18	6°♉27'35	0.57654 AU
inferior conj	-3497 May 25 j 17:25	4°♉21'21	-3°59'17
minimum elong	-3497 May 25 j 13:12	4°♉28'36	3°58'36
morning rise	-3497 Jun 02 j 20:05	0°♉07'25	
	-3497 Jun 03 j 09:43	30°℞♈	
direct	-3497 Jun 05 j 08:01	29°♈48'47	
	-3497 Jun 07 j 05:22	0°♉	
morning max el	-3497 Jun 14 j 01:05	3°♉53'22	19°02'13
asc. node	-3497 Jun 22 j 18:16	15°♉34'55	
morning set	-3497 Jun 30 j 19:09	0°♊33'45	
	-3497 Jun 30 j 12:17	0°♊	
superior conj	-3497 Jul 09 j 06:04	17°♊09'36	1°48'29
minimum elong	-3497 Jul 09 j 05:27	17°♊06'39	1°48'36
max. Earth dist.	-3497 Jul 15 j 20:24	29°♊28'20	1.38556 AU
	-3497 Jul 16 j 03:25	0°♋	
evening rise	-3497 Jul 19 j 17:57	6°♋22'35	
	-3497 Aug 03 j 09:32	0°♌	
desc. node	-3497 Aug 03 j 20:40	0°♌41'32	
evening max el	-3497 Aug 24 j 10:04	27°♌10'47	24°36'21
	-3497 Aug 27 j 12:30	0°♍	
retrograde	-3497 Sep 04 j 19:26	3°♍50'15	
evening set	-3497 Sep 10 j 08:54	1°♍28'13	
	-3497 Sep 11 j 21:01	30°℞♌	
min. Earth dist.	-3497 Sep 15 j 00:02	26°♌08'30	0.67202 AU
inferior conj	-3497 Sep 15 j 17:38	25°♌09'38	-1°00'51
minimum elong	-3497 Sep 15 j 19:05	25°♌04'50	1°00'10
asc. node	-3497 Sep 18 j 17:23	21°♌23'41	
morning rise	-3497 Sep 21 j 05:14	19°♌04'41	
direct	-3497 Sep 24 j 22:06	17°♌45'43	
morning max el	-3497 Oct 02 j 17:15	22°♌17'44	20°14'58
	-3497 Oct 09 j 02:15	0°♍	
	-3497 Oct 29 j 07:30	0°♎	
morning set	-3497 Oct 29 j 21:19	0°♎53'29	
desc. node	-3497 Oct 30 j 20:19	2°♎22'42	
max. Earth dist.	-3497 Nov 09 j 15:35	17°♎49'52	1.43640 AU
superior conj	-3497 Nov 15 j 05:52	26°♎54'29	-1°28'08
minimum elong	-3497 Nov 14 j 23:03	26°♎26'31	1°27'34
	-3497 Nov 17 j 02:51	0°♏	
evening rise	-3497 Nov 28 j 02:23	18°♏38'56	
	-3497 Dec 04 j 16:16	0°♐	
asc. node	-3497 Dec 15 j 16:21	16°♐03'23	
evening max el	-3497 Dec 15 j 19:28	16°♐11'21	18°11'49
retrograde	-3497 Dec 22 j 08:25	19°♐40'49	
evening set	-3497 Dec 25 j 03:48	19°♐00'41	
inferior conj	-3497 Dec 31 j 10:38	13°♐43'28	3°51'38
minimum elong	-3497 Dec 31 j 08:33	13°♐49'00	3°51'16
min. Earth dist.	-3496 Jan 03 j 00:42	10°♐58'59	0.62945 AU
morning rise	-3496 Jan 06 j 12:34	7°♐47'54	
direct	-3496 Jan 13 j 14:09	5°♐05'21	
desc. node	-3496 Jan 26 j 19:47	12°♐15'46	
morning max el	-3496 Jan 27 j 09:55	12°♐50'07	27°42'01
	-3496 Feb 10 j 04:53	0°♑	
	-3496 Feb 27 j 19:34	0°♒	
morning set	-3496 Mar 01 j 10:19	5°♒10'25	
max. Earth dist.	-3496 Mar 06 j 22:16	16°♒35'15	1.33063 AU
superior conj	-3496 Mar 08 j 23:36	20°♒59'42	-0°37'34
minimum elong	-3496 Mar 09 j 01:18	21°♒08'48	0°37'19
asc. node	-3496 Mar 12 j 15:43	28°♒55'51	
	-3496 Mar 13 j 03:37	0°♓	
evening rise	-3496 Mar 16 j 01:17	6°♓11'33	
	-3496 Mar 28 j 19:26	0°♈	
evening max el	-3496 Apr 08 j 18:47	13°♈57'18	23°37'46
retrograde	-3496 Apr 22 j 10:00	20°♈44'35	
desc. node	-3496 Apr 23 j 18:40	20°♈40'25	
evening set	-3496 Apr 26 j 06:35	20°♈11'51	
min. Earth dist.	-3496 May 03 j 05:54	16°♈58'03	0.56081 AU
inferior conj	-3496 May 05 j 08:34	15°♈41'56	-2°57'32
minimum elong	-3496 May 05 j 02:27	15°♈51'10	2°55'55
morning rise	-3496 May 14 j 01:09	11°♈42'42	
direct	-3496 May 16 j 13:37	11°♈26'42	
morning max el	-3496 May 26 j 19:04	16°♈11'27	20°04'23
	-3496 Jun 06 j 00:42	0°♉	
asc. node	-3496 Jun 08 j 15:17	4°♉40'46	
morning set	-3496 Jun 13 j 22:24	15°♉02'28	
	-3496 Jun 21 j 06:50	0°♊	
superior conj	-3496 Jun 21 j 18:30	0°♊58'35	1°41'41
minimum elong	-3496 Jun 21 j 16:29	0°♊48'25	1°41'39
max. Earth dist.	-3496 Jun 27 j 00:50	11°♊17'13	1.36710 AU
evening rise	-3496 Jul 01 j 00:05	18°♊41'43	
	-3496 Jul 07 j 10:30	0°♋	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

desc. node	-3496 Jul 20 j 17:41	20°♋45'12		
	-3496 Jul 27 j 12:47	0°♌		
evening max el	-3496 Aug 05 j 20:51	10°♌42'34	25°48'38	
retrograde	-3496 Aug 18 j 04:22	17°♌46'33		
evening set	-3496 Aug 24 j 08:44	15°♌08'37		
min. Earth dist.	-3496 Aug 28 j 15:22	10°♌26'07	0.66639 AU	
inferior conj	-3496 Aug 29 j 20:25	8°♌53'34	-1°53'27	
minimum elong	-3496 Aug 29 j 23:03	8°♌45'11	1°52'20	
morning rise	-3496 Sep 04 j 13:30	2°♌58'12		
asc. node	-3496 Sep 04 j 14:28	2°♌56'41		
direct	-3496 Sep 07 j 20:19	1°♌55'53		
morning max el	-3496 Sep 14 j 22:36	5°♌57'49	19°15'25	
	-3496 Oct 02 j 00:17	0°♍		
morning set	-3496 Oct 08 j 02:45	9°♍32'05		
desc. node	-3496 Oct 16 j 17:16	23°♍01'10		
	-3496 Oct 21 j 03:44	0°♎		
max. Earth dist.	-3496 Oct 22 j 07:00	1°♎47'40	1.44601 AU	
superior conj	-3496 Oct 24 j 18:03	5°♎41'28	-0°49'44	
minimum elong	-3496 Oct 24 j 12:06	5°♎17'51	0°48'59	
evening rise	-3496 Nov 08 j 14:05	29°♎40'54		
	-3496 Nov 08 j 18:43	0°♏		
evening max el	-3496 Nov 28 j 07:45	29°♏32'51	18°33'08	
	-3496 Nov 28 j 18:37	0°♐		
asc. node	-3496 Dec 01 j 13:25	2°♐12'13		
retrograde	-3496 Dec 04 j 23:05	3°♐14'19		
evening set	-3496 Dec 07 j 23:04	2°♐24'16		
	-3496 Dec 11 j 00:20	30°℞♏		
inferior conj	-3496 Dec 13 j 21:29	26°♏48'39	3°25'48	
minimum elong	-3496 Dec 13 j 18:30	26°♏57'26	3°25'04	
min. Earth dist.	-3496 Dec 15 j 20:41	24°♏30'12	0.64536 AU	
morning rise	-3496 Dec 19 j 13:31	20°♏44'22		
direct	-3496 Dec 26 j 09:46	17°♏53'02		
morning max el	-3495 Jan 08 j 19:08	25°♏34'14	27°15'54	
desc. node	-3495 Jan 12 j 16:49	29°♏45'42		
	-3495 Jan 12 j 21:47	0°♐		
	-3495 Feb 02 j 16:14	0°♑		
morning set	-3495 Feb 13 j 03:07	19°♑03'49		
max. Earth dist.	-3495 Feb 17 j 22:05	28°♑40'23	1.33901 AU	
	-3495 Feb 18 j 13:31	0°♒		
superior conj	-3495 Feb 21 j 04:44	5°♒30'30	-1°01'54	
minimum elong	-3495 Feb 21 j 07:22	5°♒44'27	1°01'34	
asc. node	-3495 Feb 27 j 12:43	18°♒57'04		
evening rise	-3495 Feb 28 j 12:06	20°♒59'44		
	-3495 Mar 04 j 22:41	0°♓		
evening max el	-3495 Mar 21 j 13:19	24°♓42'47	22°04'10	
	-3495 Mar 29 j 11:55	0°♈		
retrograde	-3495 Apr 03 j 04:24	0°♈51'07		
evening set	-3495 Apr 05 j 23:10	0°♈33'56		
	-3495 Apr 08 j 01:16	30°℞♓		
desc. node	-3495 Apr 10 j 15:46	28°♓56'38		
inferior conj	-3495 Apr 15 j 08:07	26°♓27'07	-1°17'23	
minimum elong	-3495 Apr 15 j 04:36	26°♓32'05	1°16'13	
min. Earth dist.	-3495 Apr 14 j 19:44	26°♓44'36	0.55225 AU	
morning rise	-3495 Apr 24 j 11:21	22°♓29'06		
direct	-3495 Apr 27 j 04:27	22°♓12'35		
morning max el	-3495 May 09 j 02:22	27°♓49'03	21°25'30	
	-3495 May 11 j 06:05	0°♈		
asc. node	-3495 May 26 j 12:17	24°♈12'31		
morning set	-3495 May 29 j 06:36	29°♈49'06		
	-3495 May 29 j 08:43	0°♉		
superior conj	-3495 Jun 05 j 16:44	15°♉19'24	1°28'40	
minimum elong	-3495 Jun 05 j 14:07	15°♉05'48	1°28'27	
max. Earth dist.	-3495 Jun 09 j 12:51	23°♉10'00	1.35152 AU	
	-3495 Jun 13 j 00:05	0°♊		
evening rise	-3495 Jun 14 j 00:35	1°♊57'27		
	-3495 Jun 30 j 09:33	0°♋		
desc. node	-3495 Jul 07 j 14:44	10°♋23'03		
evening max el	-3495 Jul 19 j 08:05	24°♋12'05	26°45'19	
	-3495 Jul 26 j 21:46	0°♌		
retrograde	-3495 Aug 01 j 08:32	1°♌30'26		
	-3495 Aug 06 j 07:45	30°℞♋		
evening set	-3495 Aug 08 j 01:47	28°♋43'17		
min. Earth dist.	-3495 Aug 12 j 00:37	24°♋39'03	0.65719 AU	
inferior conj	-3495 Aug 13 j 18:26	22°♋34'45	-2°42'54	
minimum elong	-3495 Aug 13 j 21:59	22°♋24'11	2°41'37	
morning rise	-3495 Aug 19 j 18:33	16°♋52'05		
asc. node	-3495 Aug 22 j 11:33	16°♋03'28		
direct	-3495 Aug 22 j 17:37	16°♋03'06		
morning max el	-3495 Aug 29 j 09:38	19°♋44'02	18°31'34	
	-3495 Sep 06 j 04:58	0°♌		
morning set	-3495 Sep 18 j 08:30	19°♌23'52		
	-3495 Sep 24 j 22:29	0°♍		
superior conj	-3495 Oct 03 j 17:37	13°♍58'00	-0°00'55	
minimum elong	-3495 Oct 03 j 17:30	13°♍57'32	0°00'51	
behind sun begin	-3495 Oct 03 j 06:11	13°♍12'53		
behind sun end	-3495 Oct 04 j 04:49	14°♍42'10		
desc. node	-3495 Oct 03 j 14:14	13°♍44'37		
max. Earth dist.	-3495 Oct 05 j 00:58	16°♍01'30	1.44851 AU	
	-3495 Oct 13 j 22:07	0°♎		
evening rise	-3495 Oct 20 j 01:12	9°♎39'59		
greatest brilliancy	-3495 Oct 29 j 06:00	24°♎10'24	-0.8m	
	-3495 Nov 02 j 00:45	0°♏		
evening max el	-3495 Nov 11 j 17:33	12°♏58'14	19°11'46	
asc. node	-3495 Nov 18 j 10:31	16°♏59'53		
retrograde	-3495 Nov 18 j 18:24	17°♏00'30		
evening set	-3495 Nov 22 j 00:45	15°♏58'36		
inferior conj	-3495 Nov 27 j 16:54	10°♏07'40	2°49'08	
minimum elong	-3495 Nov 27 j 13:49	10°♏17'25	2°48'09	
min. Earth dist.	-3495 Nov 29 j 01:59	8°♏22'55	0.65774 AU	
morning rise	-3495 Dec 03 j 02:37	3°♏57'12		
direct	-3495 Dec 09 j 11:48	1°♏10'26		
morning max el	-3495 Dec 22 j 04:51	8°♏37'40	26°20'56	
desc. node	-3495 Dec 30 j 13:51	18°♏17'42		
	-3494 Jan 08 j 00:46	0°♐		
	-3494 Jan 26 j 02:31	0°♑		
morning set	-3494 Jan 27 j 07:28	2°♑14'44		
max. Earth dist.	-3494 Jan 31 j 10:23	10°♑09'19	1.35185 AU	
superior conj	-3494 Feb 05 j 03:30	19°♑37'02	-1°23'59	
minimum elong	-3494 Feb 05 j 06:42	19°♑53'24	1°23'41	
	-3494 Feb 10 j 03:49	0°♒		
evening rise	-3494 Feb 12 j 20:10	5°♒33'20		
asc. node	-3494 Feb 14 j 09:44	8°♒45'06		
	-3494 Feb 26 j 14:18	0°♓		
evening max el	-3494 Mar 03 j 16:21	5°♓53'10	20°40'08	
retrograde	-3494 Mar 14 j 18:11	11°♓09'54		
evening set	-3494 Mar 17 j 01:37	10°♓57'03		
inferior conj	-3494 Mar 26 j 03:38	6°♓59'15	0°39'39	
minimum elong	-3494 Mar 26 j 05:25	6°♓56'40	0°38'59	
min. Earth dist.	-3494 Mar 27 j 09:57	6°♓15'24	0.55291 AU	
desc. node	-3494 Mar 28 j 12:53	5°♓37'09		
morning rise	-3494 Apr 04 j 08:02	2°♓43'43		
direct	-3494 Apr 07 j 16:39	2°♓19'09		
morning max el	-3494 Apr 20 j 23:43	8°♓47'39	23°00'34	
	-3494 May 06 j 05:15	0°♈		
asc. node	-3494 May 13 j 09:18	14°♈02'31		
morning set	-3494 May 13 j 17:40	14°♈46'12		
superior conj	-3494 May 20 j 21:33	0°♉01'04	1°11'04	
minimum elong	-3494 May 20 j 18:59	29°♈47'25	1°10'43	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3494 May 20 j 21:21	0°♉	
max. Earth dist.	-3494 May 23 j 10:42	5°♉24'04	1.33963 AU
evening rise	-3494 May 28 j 14:24	15°♉54'25	
	-3494 Jun 05 j 02:32	0°♊	
desc. node	-3494 Jun 24 j 11:49	29°♊23'07	
	-3494 Jun 24 j 23:47	0°♋	
evening max el	-3494 Jul 01 j 19:16	7°♋29'18	27°18'56
retrograde	-3494 Jul 15 j 07:19	14°♋52'54	
evening set	-3494 Jul 22 j 09:10	12°♋07'06	
min. Earth dist.	-3494 Jul 26 j 01:47	8°♋39'02	0.64415 AU
inferior conj	-3494 Jul 28 j 09:18	6°♋08'08	-3°26'43
minimum elong	-3494 Jul 28 j 13:12	5°♋57'30	3°25'37
morning rise	-3494 Aug 03 j 17:55	0°♋41'09	
direct	-3494 Aug 06 j 11:33	0°♋02'20	
asc. node	-3494 Aug 09 j 08:38	0°♋45'12	
morning max el	-3494 Aug 12 j 23:56	3°♋30'48	18°04'45
	-3494 Aug 30 j 09:30	0°♌	
morning set	-3494 Aug 30 j 17:41	0°♌34'39	
superior conj	-3494 Sep 13 j 03:09	22°♌47'46	0°45'49
minimum elong	-3494 Sep 13 j 08:04	23°♌07'35	0°45'16
	-3494 Sep 17 j 15:03	0°♍	
max. Earth dist.	-3494 Sep 17 j 18:15	0°♍12'41	1.44372 AU
desc. node	-3494 Sep 20 j 11:15	4°♍29'50	
evening rise	-3494 Sep 29 j 14:16	18°♍43'56	
	-3494 Oct 06 j 22:17	0°♎	
greatest brilliancy	-3494 Oct 13 j 07:43	9°♎38'18	-0.6m
evening max el	-3494 Oct 25 j 22:53	26°♎25'12	20°06'02
	-3494 Oct 30 j 08:55	0°♏	
retrograde	-3494 Nov 02 j 15:35	0°♏55'53	
asc. node	-3494 Nov 05 j 07:36	0°♏14'38	
	-3494 Nov 05 j 18:01	30°℞♎	
evening set	-3494 Nov 06 j 06:28	29°♎39'37	
inferior conj	-3494 Nov 11 j 18:09	23°♎36'37	2°05'04
minimum elong	-3494 Nov 11 j 15:35	23°♎45'13	2°04'04
min. Earth dist.	-3494 Nov 12 j 14:36	22°♎28'28	0.66658 AU
morning rise	-3494 Nov 17 j 00:28	17°♎22'35	
direct	-3494 Nov 22 j 19:31	14°♎50'05	
morning max el	-3494 Dec 04 j 13:37	21°♎49'22	25°05'59
	-3494 Dec 11 j 17:27	0°♏	
desc. node	-3494 Dec 17 j 10:53	7°♏33'48	
	-3493 Jan 01 j 07:11	0°♐	
morning set	-3493 Jan 09 j 18:16	14°♐28'30	
max. Earth dist.	-3493 Jan 13 j 11:24	21°♐14'42	1.36904 AU
	-3493 Jan 18 j 01:56	0°♑	
superior conj	-3493 Jan 19 j 17:02	3°♑11'09	-1°41'59
minimum elong	-3493 Jan 19 j 20:02	3°♑25'55	1°41'50
evening rise	-3493 Jan 27 j 23:27	19°♑46'25	
asc. node	-3493 Feb 01 j 06:47	28°♑14'34	
	-3493 Feb 02 j 05:07	0°♒	
evening max el	-3493 Feb 14 j 06:07	17°♒39'27	19°32'31
retrograde	-3493 Feb 23 j 15:26	22°♒07'09	
evening set	-3493 Feb 25 j 22:51	21°♒52'11	
inferior conj	-3493 Mar 06 j 09:06	17°♒47'01	2°21'04
minimum elong	-3493 Mar 06 j 13:56	17°♒39'13	2°19'37
min. Earth dist.	-3493 Mar 09 j 00:41	16°♒05'04	0.56265 AU
morning rise	-3493 Mar 15 j 02:24	13°♒02'25	
desc. node	-3493 Mar 15 j 09:58	12°♒56'20	
direct	-3493 Mar 19 j 14:10	12°♒16'46	
morning max el	-3493 Apr 02 j 15:07	19°♒23'13	24°39'37
	-3493 Apr 11 j 12:55	0°♓	
morning set	-3493 Apr 28 j 05:52	29°♓47'57	
	-3493 Apr 28 j 08:09	0°♈	
asc. node	-3493 Apr 30 j 06:20	4°♈05'11	
superior conj	-3493 May 05 j 06:32	14°♈55'39	0°50'09
minimum elong	-3493 May 05 j 04:30	14°♈44'39	0°49'48
max. Earth dist.	-3493 May 06 j 17:10	18°♈02'47	1.33146 AU
	-3493 May 12 j 09:35	0°♉	
evening rise	-3493 May 12 j 13:35	0°♉20'21	
	-3493 May 29 j 03:24	0°♊	
desc. node	-3493 Jun 11 j 08:53	17°♊29'32	
evening max el	-3493 Jun 14 j 04:34	20°♊22'11	27°23'11
retrograde	-3493 Jun 27 j 23:52	27°♊44'57	
evening set	-3493 Jul 05 j 03:19	25°♊13'59	
min. Earth dist.	-3493 Jul 08 j 17:18	22°♊15'04	0.62750 AU
inferior conj	-3493 Jul 11 j 14:11	19°♊27'33	-4°01'12
minimum elong	-3493 Jul 11 j 17:28	19°♊19'30	4°00'34
morning rise	-3493 Jul 18 j 08:45	14°♊19'14	
direct	-3493 Jul 20 j 23:09	13°♊47'56	
asc. node	-3493 Jul 27 j 05:44	16°♊50'28	
morning max el	-3493 Jul 27 j 14:49	17°♊12'17	17°55'52
	-3493 Aug 05 j 17:34	0°♋	
morning set	-3493 Aug 13 j 01:51	12°♋51'12	
	-3493 Aug 22 j 21:13	0°♌	
superior conj	-3493 Aug 24 j 13:46	2°♌52'00	1°20'40
minimum elong	-3493 Aug 24 j 19:12	3°♌14'57	1°20'15
max. Earth dist.	-3493 Aug 31 j 08:17	14°♌04'17	1.43238 AU
desc. node	-3493 Sep 07 j 08:14	25°♌13'09	
evening rise	-3493 Sep 08 j 18:39	27°♌27'27	
	-3493 Sep 10 j 10:00	0°♍	
	-3493 Sep 30 j 19:51	0°♎	
evening max el	-3493 Oct 08 j 22:20	9°♎51'37	21°13'26
retrograde	-3493 Oct 17 j 12:26	14°♎56'57	
evening set	-3493 Oct 21 j 14:08	13°♎23'43	
asc. node	-3493 Oct 23 j 04:43	11°♎55'40	
inferior conj	-3493 Oct 26 j 22:59	7°♎11'55	1°15'57
minimum elong	-3493 Oct 26 j 21:18	7°♎17'42	1°15'14
min. Earth dist.	-3493 Oct 27 j 08:08	6°♎40'34	0.67209 AU
morning rise	-3493 Nov 01 j 04:18	0°♎56'54	
	-3493 Nov 02 j 10:02	30°℞♍	
direct	-3493 Nov 06 j 08:05	28°♍44'25	
	-3493 Nov 10 j 15:37	0°♎	
morning max el	-3493 Nov 16 j 22:26	5°♎03'53	23°40'52
desc. node	-3493 Dec 04 j 07:54	27°♎20'37	
	-3493 Dec 06 j 03:26	0°♏	
morning set	-3493 Dec 22 j 05:16	25°♏27'57	
	-3493 Dec 24 j 20:38	0°♐	
max. Earth dist.	-3493 Dec 26 j 07:08	2°♐30'50	1.38926 AU
superior conj	-3492 Jan 02 j 17:19	16°♐01'33	-1°53'24
minimum elong	-3492 Jan 02 j 18:56	16°♐09'08	1°53'27
	-3492 Jan 09 j 23:53	0°♑	
evening rise	-3492 Jan 11 j 19:24	3°♑31'55	
asc. node	-3492 Jan 19 j 03:49	17°♑18'21	
evening max el	-3492 Jan 28 j 05:30	29°♑59'23	18°44'16
	-3492 Jan 28 j 05:46	0°♒	
retrograde	-3492 Feb 05 j 05:49	3°♒51'59	
evening set	-3492 Feb 07 j 16:38	3°♒31'38	
	-3492 Feb 14 j 05:28	30°℞♑	
inferior conj	-3492 Feb 15 j 09:19	29°♑08'36	3°27'17
minimum elong	-3492 Feb 15 j 13:19	29°♑01'06	3°26'27
min. Earth dist.	-3492 Feb 18 j 16:58	26°♑40'56	0.57912 AU
morning rise	-3492 Feb 23 j 07:31	23°♑55'25	
direct	-3492 Feb 29 j 00:24	22°♑35'37	
desc. node	-3492 Mar 01 j 07:04	22°♑39'38	
	-3492 Mar 14 j 05:28	0°♒	
morning max el	-3492 Mar 14 j 06:47	0°♒03'11	26°08'21
	-3492 Apr 04 j 05:55	0°♓	
morning set	-3492 Apr 11 j 17:30	14°♓48'10	
asc. node	-3492 Apr 16 j 03:21	24°♓15'25	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3492 Apr 18 j 17:44	29°♓56'15	0°26'55
minimum elong	-3492 Apr 18 j 16:34	29°♓49'53	0°26'41
	-3492 Apr 18 j 18:25	0°♈	
max. Earth dist.	-3492 Apr 19 j 05:04	0°♈58'10	1.32672 AU
evening rise	-3492 Apr 25 j 19:06	15°♈04'55	
	-3492 May 03 j 09:52	0°♉	
	-3492 May 23 j 18:58	0°♊	
evening max el	-3492 May 26 j 09:20	2°♊38'43	26°54'44
desc. node	-3492 May 28 j 05:55	4°♊19'57	
retrograde	-3492 Jun 09 j 09:06	9°♊58'35	
evening set	-3492 Jun 16 j 04:06	7°♊55'55	
min. Earth dist.	-3492 Jun 19 j 22:50	5°♊13'24	0.60804 AU
inferior conj	-3492 Jun 23 j 05:43	2°♊25'14	-4°20'39
minimum elong	-3492 Jun 23 j 07:00	2°♊22'28	4°20'28
	-3492 Jun 26 j 05:15	30°℞♉	
morning rise	-3492 Jun 30 j 11:40	27°♉38'09	
direct	-3492 Jul 03 j 00:33	27°♉12'34	
	-3492 Jul 09 j 09:00	0°♊	
morning max el	-3492 Jul 10 j 03:33	0°♊42'27	18°05'57
asc. node	-3492 Jul 13 j 02:49	4°♊04'12	
morning set	-3492 Jul 26 j 03:29	25°♊59'09	
	-3492 Jul 28 j 07:19	0°♋	
superior conj	-3492 Aug 05 j 03:39	14°♋18'03	1°41'04
minimum elong	-3492 Aug 05 j 06:52	14°♋32'18	1°41'00
max. Earth dist.	-3492 Aug 12 j 17:17	27°♋22'00	1.41601 AU
	-3492 Aug 14 j 07:12	0°♌	
evening rise	-3492 Aug 18 j 10:12	6°♌43'50	
desc. node	-3492 Aug 24 j 05:13	15°♌51'35	
	-3492 Sep 02 j 15:38	0°♍	
evening max el	-3492 Sep 20 j 15:46	23°♍17'43	22°30'04
retrograde	-3492 Sep 30 j 07:23	29°♍01'34	
evening set	-3492 Oct 04 j 21:57	27°♍09'22	
asc. node	-3492 Oct 09 j 01:50	22°♍27'00	
inferior conj	-3492 Oct 10 j 05:30	20°♍52'05	0°23'43
minimum elong	-3492 Oct 10 j 04:57	20°♍53'59	0°23'30
min. Earth dist.	-3492 Oct 10 j 04:10	20°♍56'42	0.67447 AU
morning rise	-3492 Oct 15 j 11:51	14°♍38'45	
direct	-3492 Oct 20 j 00:47	12°♍48'11	
morning max el	-3492 Oct 29 j 10:28	18°♍23'15	22°14'54
	-3492 Nov 08 j 00:21	0°♎	
desc. node	-3492 Nov 20 j 04:54	17°♎29'25	
	-3492 Nov 28 j 07:41	0°♏	
morning set	-3492 Dec 01 j 11:45	5°♏03'49	
max. Earth dist.	-3492 Dec 07 j 05:31	14°♏31'10	1.40991 AU
superior conj	-3492 Dec 14 j 23:21	27°♏55'24	-1°54'56
minimum elong	-3492 Dec 14 j 22:04	27°♏49'39	1°55'01
	-3492 Dec 16 j 03:13	0°♐	
evening rise	-3492 Dec 25 j 04:59	16°♐43'03	
	-3491 Jan 01 j 11:41	0°♑	
asc. node	-3491 Jan 05 j 00:52	5°♑48'30	
evening max el	-3491 Jan 10 j 12:09	12°♑46'26	18°16'08
retrograde	-3491 Jan 17 j 14:47	16°♑19'44	
evening set	-3491 Jan 20 j 04:48	15°♑52'34	
inferior conj	-3491 Jan 27 j 06:02	11°♑08'11	3°57'30
minimum elong	-3491 Jan 27 j 07:23	11°♑05'16	3°57'18
min. Earth dist.	-3491 Jan 30 j 13:52	8°♑15'49	0.59891 AU
morning rise	-3491 Feb 03 j 08:09	5°♑33'17	
direct	-3491 Feb 09 j 22:30	3°♑34'39	
desc. node	-3491 Feb 16 j 04:10	5°♑12'32	
morning max el	-3491 Feb 24 j 03:44	11°♑13'30	27°12'07
	-3491 Mar 10 j 19:36	0°♒	
morning set	-3491 Mar 27 j 02:46	29°♒40'12	
	-3491 Mar 27 j 06:35	0°♓	
superior conj	-3491 Apr 03 j 05:27	14°♓56'31	0°02'15
minimum elong	-3491 Apr 03 j 05:21	14°♓55'58	0°02'11
behind sun begin	-3491 Apr 03 j 00:22	14°♓28'46	
behind sun end	-3491 Apr 03 j 10:19	15°♓23'11	
max. Earth dist.	-3491 Apr 02 j 18:31	13°♓56'43	1.32540 AU
asc. node	-3491 Apr 03 j 00:20	14°♓28'31	
evening rise	-3491 Apr 10 j 04:31	29°♓59'24	
	-3491 Apr 10 j 04:38	0°♈	
	-3491 Apr 26 j 18:51	0°♉	
evening max el	-3491 May 08 j 07:33	14°♉11'23	25°54'52
desc. node	-3491 May 15 j 03:00	19°♉22'48	
retrograde	-3491 May 22 j 09:31	21°♉26'44	
evening set	-3491 May 28 j 07:43	20°♉01'37	
min. Earth dist.	-3491 Jun 01 j 20:01	17°♉18'26	0.58757 AU
inferior conj	-3491 Jun 05 j 04:07	14°♉50'28	-4°16'32
minimum elong	-3491 Jun 05 j 02:01	14°♉54'24	4°16'17
morning rise	-3491 Jun 12 j 22:56	10°♉25'30	
direct	-3491 Jun 15 j 11:08	10°♉04'38	
morning max el	-3491 Jun 23 j 11:13	13°♉52'09	18°35'54
asc. node	-3491 Jun 29 j 23:51	22°♉10'46	
	-3491 Jul 04 j 13:56	0°♊	
morning set	-3491 Jul 09 j 17:47	9°♊45'19	
superior conj	-3491 Jul 18 j 16:01	26°♊52'04	1°48'45
minimum elong	-3491 Jul 18 j 16:37	26°♊54'53	1°48'52
	-3491 Jul 20 j 08:30	0°♋	
max. Earth dist.	-3491 Jul 25 j 20:42	9°♋54'34	1.39680 AU
evening rise	-3491 Jul 30 j 01:41	17°♋08'31	
	-3491 Aug 06 j 23:26	0°♌	
desc. node	-3491 Aug 11 j 02:11	6°♌20'39	
	-3491 Aug 28 j 04:05	0°♍	
evening max el	-3491 Sep 03 j 04:32	6°♍44'39	23°50'43
retrograde	-3491 Sep 13 j 23:14	13°♍06'08	
evening set	-3491 Sep 19 j 04:07	10°♍54'29	
inferior conj	-3491 Sep 24 j 11:56	4°♍35'10	-0°29'57
minimum elong	-3491 Sep 24 j 12:39	4°♍32'45	0°29'35
min. Earth dist.	-3491 Sep 24 j 00:21	5°♍14'39	0.67380 AU
asc. node	-3491 Sep 25 j 22:56	2°♍37'49	
	-3491 Sep 28 j 03:53	30°℞♌	
morning rise	-3491 Sep 29 j 21:08	28°♌26'18	
direct	-3491 Oct 03 j 20:40	26°♌56'40	
	-3491 Oct 10 j 05:54	0°♍	
morning max el	-3491 Oct 12 j 04:33	1°♍50'02	20°55'29
	-3491 Nov 01 j 21:32	0°♎	
desc. node	-3491 Nov 07 j 01:53	7°♎53'25	
morning set	-3491 Nov 10 j 17:11	13°♎31'36	
max. Earth dist.	-3491 Nov 19 j 10:27	27°♎24'00	1.42802 AU
	-3491 Nov 21 j 00:41	0°♏	
superior conj	-3491 Nov 26 j 05:25	8°♏38'45	-1°42'42
minimum elong	-3491 Nov 26 j 00:16	8°♏17'00	1°42'26
evening rise	-3491 Dec 08 j 00:20	29°♏11'25	
	-3491 Dec 08 j 11:14	0°♐	
asc. node	-3491 Dec 22 j 21:54	23°♐34'45	
evening max el	-3491 Dec 24 j 23:13	25°♐52'48	18°07'55
retrograde	-3491 Dec 31 j 14:42	29°♐20'32	
evening set	-3490 Jan 03 j 07:51	28°♐45'36	
inferior conj	-3490 Jan 09 j 20:37	23°♐40'05	3°59'44
minimum elong	-3490 Jan 09 j 19:30	23°♐42'50	3°59'33
min. Earth dist.	-3490 Jan 12 j 18:41	20°♐46'37	0.61879 AU
morning rise	-3490 Jan 16 j 06:04	17°♐50'30	
direct	-3490 Jan 23 j 06:35	15°♐19'48	
desc. node	-3490 Feb 03 j 01:15	20°♐09'25	
morning max el	-3490 Feb 06 j 06:59	23°♐04'44	27°41'37
	-3490 Feb 12 j 12:01	0°♑	
	-3490 Mar 03 j 22:47	0°♒	
morning set	-3490 Mar 11 j 07:44	14°♒17'10	
max. Earth dist.	-3490 Mar 17 j 05:39	26°♒44'41	1.32758 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3490 Mar 18 j 16:03	29°♒50'57	-0°23'04
minimum elong	-3490 Mar 18 j 17:05	29°♒56'37	0°22'55
	-3490 Mar 18 j 17:43	0°♓	
asc. node	-3490 Mar 20 j 21:19	4°♓40'46	
evening rise	-3490 Mar 25 j 15:55	14°♓57'02	
	-3490 Apr 02 j 05:58	0°♈	
evening max el	-3490 Apr 20 j 00:23	25°♈07'59	24°31'28
	-3490 Apr 26 j 08:56	0°♉	
desc. node	-3490 May 02 j 00:04	2°♉01'41	
retrograde	-3490 May 03 j 23:09	2°♉10'35	
evening set	-3490 May 08 j 14:15	1°♉22'09	
	-3490 May 11 j 17:17	30°℞♈	
min. Earth dist.	-3490 May 14 j 12:19	28°♈22'35	0.56910 AU
inferior conj	-3490 May 17 j 06:43	26°♈35'45	-3°38'15
minimum elong	-3490 May 17 j 01:16	26°♈44'34	3°37'08
morning rise	-3490 May 25 j 15:26	22°♈29'28	
direct	-3490 May 28 j 03:12	22°♈12'20	
morning max el	-3490 Jun 06 j 11:00	26°♈32'19	19°26'15
	-3490 Jun 09 j 15:43	0°♉	
asc. node	-3490 Jun 16 j 20:53	10°♉58'02	
morning set	-3490 Jun 23 j 17:09	24°♉00'39	
	-3490 Jun 26 j 16:51	0°♊	
superior conj	-3490 Jul 01 j 21:07	10°♊17'56	1°46'29
minimum elong	-3490 Jul 01 j 19:48	10°♊11'28	1°46'34
max. Earth dist.	-3490 Jul 07 j 22:28	21°♊50'30	1.37741 AU
evening rise	-3490 Jul 11 j 18:54	28°♊49'01	
	-3490 Jul 12 j 10:58	0°♋	
desc. node	-3490 Jul 28 j 23:10	26°♋35'22	
	-3490 Jul 31 j 07:45	0°♌	
evening max el	-3490 Aug 16 j 15:22	20°♌15'04	25°08'26
retrograde	-3490 Aug 28 j 11:03	27°♌07'00	
evening set	-3490 Sep 03 j 06:52	24°♌37'37	
min. Earth dist.	-3490 Sep 07 j 18:15	19°♌33'20	0.67002 AU
inferior conj	-3490 Sep 08 j 16:36	18°♌19'50	-1°23'26
minimum elong	-3490 Sep 08 j 18:34	18°♌13'23	1°22'32
asc. node	-3490 Sep 12 j 20:03	13°♌27'39	
morning rise	-3490 Sep 14 j 06:20	12°♌18'27	
direct	-3490 Sep 17 j 18:33	11°♌07'07	
morning max el	-3490 Sep 25 j 05:54	15°♌25'40	19°47'44
	-3490 Oct 06 j 08:48	0°♍	
morning set	-3490 Oct 20 j 15:37	21°♍46'20	
desc. node	-3490 Oct 24 j 22:50	28°♍27'50	
	-3490 Oct 25 j 22:25	0°♎	
max. Earth dist.	-3490 Nov 01 j 22:13	11°♎01'26	1.44127 AU
superior conj	-3490 Nov 06 j 08:01	18°♎05'09	-1°13'43
minimum elong	-3490 Nov 06 j 00:51	17°♎36'15	1°12'58
	-3490 Nov 13 j 14:42	0°♏	
evening rise	-3490 Nov 20 j 00:54	10°♏47'23	
	-3490 Dec 01 j 14:04	0°♐	
evening max el	-3490 Dec 08 j 11:54	9°♐10'49	18°18'45
asc. node	-3490 Dec 09 j 18:59	10°♐23'39	
retrograde	-3490 Dec 15 j 01:01	12°♐44'14	
evening set	-3490 Dec 17 j 22:07	12°♐00'13	
inferior conj	-3490 Dec 24 j 01:08	6°♐35'11	3°42'16
minimum elong	-3490 Dec 23 j 22:33	6°♐42'22	3°41'45
min. Earth dist.	-3490 Dec 26 j 09:03	4°♐00'02	0.63661 AU
morning rise	-3490 Dec 29 j 22:21	0°♐35'30	
	-3490 Dec 30 j 17:02	30°℞♏	
direct	-3489 Jan 05 j 22:38	27°♏47'01	
	-3489 Jan 12 j 18:59	0°♐	
morning max el	-3489 Jan 19 j 14:37	5°♐31'59	27°34'50
desc. node	-3489 Jan 20 j 22:18	6°♐52'41	
	-3489 Feb 07 j 06:13	0°♑	
morning set	-3489 Feb 23 j 05:50	28°♑29'13	
	-3489 Feb 24 j 00:01	0°♒	
max. Earth dist.	-3489 Feb 28 j 10:28	9°♒07'22	1.33362 AU
superior conj	-3489 Mar 02 j 23:43	14°♒32'18	-0°48'05
minimum elong	-3489 Mar 03 j 01:51	14°♒43'39	0°47'46
asc. node	-3489 Mar 07 j 18:18	24°♒47'13	
evening rise	-3489 Mar 10 j 03:24	29°♒50'13	
	-3489 Mar 10 j 05:16	0°♓	
	-3489 Mar 27 j 11:39	0°♈	
evening max el	-3489 Apr 01 j 16:36	5°♈49'51	22°57'31
retrograde	-3489 Apr 14 j 23:48	12°♈22'36	
evening set	-3489 Apr 18 j 07:35	11°♈58'26	
desc. node	-3489 Apr 18 j 21:11	11°♈49'42	
min. Earth dist.	-3489 Apr 26 j 02:43	8°♈31'12	0.55612 AU
inferior conj	-3489 Apr 27 j 14:16	7°♈39'38	-2°19'01
minimum elong	-3489 Apr 27 j 08:40	7°♈47'46	2°17'20
morning rise	-3489 May 06 j 12:02	3°♈42'33	
direct	-3489 May 09 j 01:28	3°♈26'55	
morning max el	-3489 May 20 j 00:30	8°♈33'26	20°36'44
asc. node	-3489 Jun 03 j 17:54	0°♉15'39	
	-3489 Jun 03 j 14:38	0°♉	
morning set	-3489 Jun 07 j 22:46	8°♉37'25	
superior conj	-3489 Jun 15 j 14:08	24°♉21'26	1°36'48
minimum elong	-3489 Jun 15 j 11:46	24°♉09'22	1°36'42
	-3489 Jun 18 j 09:23	0°♊	
max. Earth dist.	-3489 Jun 20 j 05:25	3°♊37'00	1.36006 AU
evening rise	-3489 Jun 24 j 09:31	11°♊34'12	
	-3489 Jul 04 j 23:17	0°♋	
desc. node	-3489 Jul 15 j 20:12	16°♋29'07	
	-3489 Jul 26 j 11:37	0°♌	
evening max el	-3489 Jul 30 j 02:28	3°♌47'33	26°15'14
retrograde	-3489 Aug 11 j 18:06	10°♌58'55	
evening set	-3489 Aug 18 j 04:09	8°♌16'22	
min. Earth dist.	-3489 Aug 22 j 07:27	3°♌49'49	0.66288 AU
inferior conj	-3489 Aug 23 j 17:40	2°♌03'38	-2°14'55
minimum elong	-3489 Aug 23 j 20:44	1°♌54'07	2°13'42
	-3489 Aug 25 j 10:26	30°℞♋	
morning rise	-3489 Aug 29 j 13:31	26°♋12'59	
asc. node	-3489 Aug 30 j 17:09	25°♋39'15	
direct	-3489 Sep 01 j 16:46	25°♋16'40	
morning max el	-3489 Sep 08 j 13:53	29°♋08'50	18°54'44
	-3489 Sep 09 j 09:13	0°♌	
	-3489 Sep 29 j 16:44	0°♍	
morning set	-3489 Sep 30 j 06:18	0°♍53'46	
desc. node	-3489 Oct 11 j 19:47	19°♍09'10	
max. Earth dist.	-3489 Oct 15 j 15:04	25°♍08'35	1.44799 AU
superior conj	-3489 Oct 16 j 12:32	26°♍33'16	-0°29'38
minimum elong	-3489 Oct 16 j 08:42	26°♍18'07	0°29'07
	-3489 Oct 18 j 16:55	0°♎	
evening rise	-3489 Nov 01 j 02:23	21°♎23'22	
	-3489 Nov 06 j 10:07	0°♏	
evening max el	-3489 Nov 21 j 23:33	22°♏35'24	18°47'34
asc. node	-3489 Nov 26 j 16:05	26°♏00'26	
retrograde	-3489 Nov 28 j 17:58	26°♏24'16	
evening set	-3489 Dec 01 j 20:28	25°♏29'24	
inferior conj	-3489 Dec 07 j 16:01	19°♏47'06	3°11'21
minimum elong	-3489 Dec 07 j 12:54	19°♏56'33	3°10'28
min. Earth dist.	-3489 Dec 09 j 09:05	17°♏42'23	0.65115 AU
morning rise	-3489 Dec 13 j 05:00	13°♏40'08	
direct	-3489 Dec 19 j 21:16	10°♏49'09	
morning max el	-3488 Jan 02 j 00:06	18°♏25'20	26°55'28
desc. node	-3488 Jan 07 j 19:22	24°♏51'54	
	-3488 Jan 11 j 20:20	0°♐	
	-3488 Jan 31 j 04:24	0°♑	
morning set	-3488 Feb 06 j 17:51	12°♑05'55	
max. Earth dist.	-3488 Feb 11 j 05:26	20°♑56'01	1.34397 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3488 Feb 15 j 02:28	28°♓53'52	-1°11'39
minimum elong	-3488 Feb 15 j 05:25	29°♓09'13	1°11'18
	-3488 Feb 15 j 15:08	0°♒	
evening rise	-3488 Feb 22 j 13:17	14°♒32'57	
asc. node	-3488 Feb 22 j 15:19	14°♒43'30	
	-3488 Mar 01 j 11:37	0°♓	
evening max el	-3488 Mar 13 j 14:21	16°♓43'49	21°26'41
retrograde	-3488 Mar 25 j 14:20	22°♓30'07	
evening set	-3488 Mar 28 j 02:41	22°♓15'45	
desc. node	-3488 Apr 04 j 18:18	19°♓11'03	
inferior conj	-3488 Apr 06 j 10:18	18°♓15'18	-0°27'51
minimum elong	-3488 Apr 06 j 08:59	18°♓17'08	0°27'25
min. Earth dist.	-3488 Apr 06 j 16:32	18°♓06'31	0.55143 AU
morning rise	-3488 Apr 15 j 15:29	14°♓11'59	
direct	-3488 Apr 18 j 13:56	13°♓53'05	
morning max el	-3488 May 01 j 03:04	19°♓52'22	22°04'40
	-3488 May 09 j 11:04	0°♈	
asc. node	-3488 May 20 j 14:53	19°♈55'47	
morning set	-3488 May 22 j 08:23	23°♈29'00	
	-3488 May 25 j 10:51	0°♉	
superior conj	-3488 May 29 j 15:26	8°♉51'37	1°21'39
minimum elong	-3488 May 29 j 12:46	8°♉37'37	1°21'23
max. Earth dist.	-3488 Jun 01 j 21:50	15°♉38'29	1.34604 AU
evening rise	-3488 Jun 06 j 16:12	25°♉08'49	
	-3488 Jun 09 j 05:17	0°♊	
	-3488 Jun 27 j 10:13	0°♋	
desc. node	-3488 Jul 01 j 17:15	5°♋52'19	
evening max el	-3488 Jul 11 j 14:03	17°♋13'44	27°02'59
retrograde	-3488 Jul 24 j 19:48	24°♋34'25	
evening set	-3488 Jul 31 j 17:26	21°♋46'38	
min. Earth dist.	-3488 Aug 04 j 13:29	17°♋58'14	0.65209 AU
inferior conj	-3488 Aug 06 j 12:57	15°♋42'05	-3°02'22
minimum elong	-3488 Aug 06 j 16:44	15°♋31'12	3°01'07
morning rise	-3488 Aug 12 j 16:29	10°♋05'35	
direct	-3488 Aug 15 j 13:04	9°♋21'06	
asc. node	-3488 Aug 16 j 14:14	9°♋27'05	
morning max el	-3488 Aug 22 j 02:33	12°♋55'28	18°18'03
	-3488 Sep 03 j 02:43	0°♌	
morning set	-3488 Sep 10 j 00:01	11°♌20'28	
	-3488 Sep 21 j 11:19	0°♍	
superior conj	-3488 Sep 24 j 13:34	4°♍55'57	0°19'55
minimum elong	-3488 Sep 24 j 16:03	5°♍05'50	0°19'38
max. Earth dist.	-3488 Sep 27 j 09:39	9°♍25'34	1.44737 AU
desc. node	-3488 Sep 27 j 16:46	9°♍53'39	
	-3488 Oct 10 j 12:39	0°♎	
evening rise	-3488 Oct 11 j 03:18	0°♎57'07	
greatest brilliancy	-3488 Oct 22 j 14:37	18°♎43'53	-0.7m
	-3488 Oct 30 j 08:14	0°♏	
evening max el	-3488 Nov 04 j 07:43	6°♏02'03	19°33'01
retrograde	-3488 Nov 11 j 14:22	10°♏15'12	
asc. node	-3488 Nov 12 j 13:12	10°♏09'58	
evening set	-3488 Nov 15 j 00:11	9°♏07'17	
inferior conj	-3488 Nov 20 j 14:13	3°♏10'43	2°31'11
minimum elong	-3488 Nov 20 j 11:17	3°♏20'12	2°30'09
min. Earth dist.	-3488 Nov 21 j 17:39	1°♏41'43	0.66199 AU
	-3488 Nov 23 j 02:03	30°℞♎	
morning rise	-3488 Nov 25 j 22:11	26°♎58'38	
direct	-3488 Dec 02 j 01:36	24°♎17'15	
	-3488 Dec 12 j 18:43	0°♏	
morning max el	-3488 Dec 14 j 09:28	1°♏33'24	25°50'56
desc. node	-3488 Dec 24 j 16:25	13°♏44'30	
	-3487 Jan 04 j 22:19	0°♐	
morning set	-3487 Jan 19 j 15:26	24°♐54'25	
	-3487 Jan 22 j 08:54	0°♑	
max. Earth dist.	-3487 Jan 23 j 12:56	2°♑13'39	1.35875 AU
superior conj	-3487 Jan 28 j 21:44	12°♑47'57	-1°32'15
minimum elong	-3487 Jan 29 j 00:58	13°♑04'14	1°32'00
evening rise	-3487 Feb 05 j 19:38	28°♑59'04	
	-3487 Feb 06 j 07:37	0°♒	
asc. node	-3487 Feb 08 j 12:22	4°♒24'43	
evening max el	-3487 Feb 23 j 21:50	28°♒08'55	20°09'01
	-3487 Feb 26 j 01:52	0°♓	
retrograde	-3487 Mar 06 j 05:55	3°♓03'51	
evening set	-3487 Mar 08 j 12:37	2°♓50'33	
	-3487 Mar 15 j 09:43	30°℞♒	
inferior conj	-3487 Mar 17 j 08:29	28°♒50'58	1°26'16
minimum elong	-3487 Mar 17 j 12:03	28°♒45'35	1°25'02
min. Earth dist.	-3487 Mar 19 j 06:35	27°♒41'52	0.55605 AU
desc. node	-3487 Mar 22 j 15:25	25°♒51'15	
morning rise	-3487 Mar 26 j 09:38	24°♒24'12	
direct	-3487 Mar 30 j 04:45	23°♒52'38	
	-3487 Apr 12 j 04:35	0°♓	
morning max el	-3487 Apr 12 j 21:14	0°♓38'41	23°43'06
	-3487 May 02 j 15:58	0°♈	
morning set	-3487 May 06 j 20:11	8°♈29'41	
asc. node	-3487 May 07 j 11:55	9°♈52'23	
superior conj	-3487 May 13 j 22:18	23°♈40'15	1°02'32
minimum elong	-3487 May 13 j 19:55	23°♈27'26	1°02'10
max. Earth dist.	-3487 May 15 j 23:55	28°♈05'07	1.33569 AU
	-3487 May 16 j 21:38	0°♉	
evening rise	-3487 May 21 j 10:27	9°♉19'53	
	-3487 Jun 01 j 14:49	0°♊	
desc. node	-3487 Jun 18 j 14:19	24°♊32'17	
	-3487 Jun 23 j 15:26	0°♋	
evening max el	-3487 Jun 24 j 00:40	0°♋22'23	27°24'34
retrograde	-3487 Jul 07 j 15:53	7°♋45'49	
evening set	-3487 Jul 14 j 19:40	5°♋04'19	
min. Earth dist.	-3487 Jul 18 j 10:29	1°♋50'12	0.63752 AU
	-3487 Jul 20 j 05:05	30°℞♊	
inferior conj	-3487 Jul 20 j 23:56	29°♊10'37	-3°42'46
minimum elong	-3487 Jul 21 j 03:44	29°♊00'44	3°41'51
morning rise	-3487 Jul 27 j 12:38	23°♊51'27	
direct	-3487 Jul 30 j 04:44	23°♊16'03	
asc. node	-3487 Aug 03 j 11:18	24°♊46'33	
morning max el	-3487 Aug 05 j 17:29	26°♊41'19	17°58'46
	-3487 Aug 08 j 14:19	0°♋	
morning set	-3487 Aug 22 j 19:38	23°♋01'15	
	-3487 Aug 26 j 20:56	0°♌	
superior conj	-3487 Sep 04 j 08:44	14°♌14'45	1°02'21
minimum elong	-3487 Sep 04 j 14:24	14°♌37'57	1°01'48
max. Earth dist.	-3487 Sep 10 j 02:13	23°♌31'55	1.43964 AU
	-3487 Sep 14 j 03:59	0°♍	
desc. node	-3487 Sep 14 j 13:45	0°♍38'25	
evening rise	-3487 Sep 20 j 10:25	9°♍46'33	
	-3487 Oct 03 j 18:50	0°♎	
evening max el	-3487 Oct 18 j 10:34	19°♎28'29	20°33'12
retrograde	-3487 Oct 26 j 11:46	24°♎13'31	
evening set	-3487 Oct 30 j 06:59	22°♎50'13	
asc. node	-3487 Oct 30 j 10:19	22°♎44'00	
inferior conj	-3487 Nov 04 j 17:15	16°♎42'44	1°44'42
minimum elong	-3487 Nov 04 j 15:01	16°♎50'19	1°43'49
min. Earth dist.	-3487 Nov 05 j 08:39	15°♎50'35	0.66931 AU
morning rise	-3487 Nov 09 j 22:51	10°♎27'55	
direct	-3487 Nov 15 j 11:19	8°♎03'46	
morning max el	-3487 Nov 26 j 18:15	14°♎47'29	24°30'29
	-3487 Dec 09 j 05:30	0°♏	
desc. node	-3487 Dec 11 j 13:26	3°♏14'57	
	-3487 Dec 28 j 19:55	0°♐	
morning set	-3486 Jan 01 j 16:56	6°♐38'55	
max. Earth dist.	-3486 Jan 05 j 11:04	13°♐20'24	1.37740 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3486 Jan 12 j 06:10	26°♐04'52	-1°47'48
minimum elong	-3486 Jan 12 j 08:45	26°♐17'22	1°47'45
	-3486 Jan 14 j 06:30	0°♑	
evening rise	-3486 Jan 20 j 20:10	13°♑01'40	
asc. node	-3486 Jan 26 j 09:26	23°♑44'31	
	-3486 Jan 29 j 23:15	0°♒	
evening max el	-3486 Feb 06 j 15:50	10°♒10'02	19°09'30
retrograde	-3486 Feb 15 j 10:09	14°♒21'21	
evening set	-3486 Feb 17 j 18:41	14°♒04'30	
inferior conj	-3486 Feb 25 j 21:21	9°♒52'26	2°53'52
minimum elong	-3486 Feb 26 j 02:13	9°♒44'03	2°52'36
min. Earth dist.	-3486 Feb 28 j 21:52	7°♒48'53	0.56895 AU
morning rise	-3486 Mar 06 j 07:02	4°♒54'40	
desc. node	-3486 Mar 09 j 12:32	4°♒03'32	
direct	-3486 Mar 11 j 07:16	3°♒56'00	
morning max el	-3486 Mar 25 j 12:13	11°♒13'42	25°19'39
	-3486 Apr 08 j 20:18	0°♓	
morning set	-3486 Apr 21 j 08:20	23°♓31'58	
asc. node	-3486 Apr 24 j 08:55	29°♓59'06	
	-3486 Apr 24 j 09:05	0°♈	
superior conj	-3486 Apr 28 j 08:28	8°♈38'38	0°40'33
minimum elong	-3486 Apr 28 j 06:46	8°♈29'23	0°40'13
max. Earth dist.	-3486 Apr 29 j 09:00	10°♈52'02	1.32897 AU
evening rise	-3486 May 05 j 12:38	23°♈54'56	
	-3486 May 08 j 13:14	0°♉	
	-3486 May 26 j 09:02	0°♊	
desc. node	-3486 Jun 05 j 11:22	12°♊09'45	
evening max el	-3486 Jun 06 j 08:02	13°♊00'12	27°15'03
retrograde	-3486 Jun 20 j 05:38	20°♊22'46	
evening set	-3486 Jun 27 j 06:57	18°♊01'55	
min. Earth dist.	-3486 Jun 30 j 21:34	15°♊12'04	0.61948 AU
inferior conj	-3486 Jul 03 j 23:32	12°♊21'37	-4°11'46
minimum elong	-3486 Jul 04 j 02:10	12°♊15'30	4°11'20
morning rise	-3486 Jul 10 j 22:49	7°♊22'24	
direct	-3486 Jul 13 j 12:18	6°♊53'52	
morning max el	-3486 Jul 20 j 07:50	10°♊19'16	17°57'48
asc. node	-3486 Jul 21 j 08:22	11°♊22'51	
	-3486 Aug 02 j 08:21	0°♋	
morning set	-3486 Aug 05 j 11:49	5°♋40'54	
superior conj	-3486 Aug 16 j 07:17	24°♋54'52	1°31'02
minimum elong	-3486 Aug 16 j 11:57	25°♋14'57	1°30'46
	-3486 Aug 19 j 06:46	0°♌	
max. Earth dist.	-3486 Aug 23 j 13:43	7°♌08'43	1.42587 AU
evening rise	-3486 Aug 30 j 17:07	18°♌37'12	
desc. node	-3486 Sep 01 j 10:43	21°♌20'04	
	-3486 Sep 07 j 02:05	0°♍	
	-3486 Sep 28 j 15:25	0°♎	
evening max el	-3486 Oct 01 j 07:14	2°♎54'16	21°45'11
retrograde	-3486 Oct 10 j 08:05	8°♎16'27	
evening set	-3486 Oct 14 j 14:55	6°♎35'27	
asc. node	-3486 Oct 17 j 07:24	3°♎51'12	
inferior conj	-3486 Oct 19 j 23:01	0°♎20'45	0°54'04
minimum elong	-3486 Oct 19 j 21:47	0°♎24'59	0°53'34
min. Earth dist.	-3486 Oct 20 j 03:40	0°♎04'43	0.67339 AU
	-3486 Oct 20 j 05:02	30°℞♍	
morning rise	-3486 Oct 25 j 04:30	24°♍05'50	
direct	-3486 Oct 30 j 01:46	22°♍02'38	
morning max el	-3486 Nov 09 j 04:04	28°♍04'07	23°03'56
	-3486 Nov 10 j 23:50	0°♎	
desc. node	-3486 Nov 28 j 10:26	23°♎12'16	
	-3486 Dec 02 j 22:58	0°♏	
morning set	-3486 Dec 13 j 16:13	17°♏04'10	
max. Earth dist.	-3486 Dec 18 j 06:39	24°♏51'02	1.39808 AU
	-3486 Dec 21 j 05:28	0°♐	

superior conj	-3486 Dec 25 j 23:25	8°♐33'29	-1°55'29
minimum elong	-3486 Dec 25 j 23:59	8°♐36'06	1°55'36
evening rise	-3485 Jan 04 j 12:09	26°♐34'00	
	-3485 Jan 06 j 07:19	0°♑	
asc. node	-3485 Jan 13 j 06:29	12°♑35'49	
evening max el	-3485 Jan 20 j 18:44	22°♑43'28	18°29'54
retrograde	-3485 Jan 28 j 08:32	26°♑25'54	
evening set	-3485 Jan 30 j 20:41	26°♑02'53	
inferior conj	-3485 Feb 07 j 06:30	21°♑31'20	3°44'02
minimum elong	-3485 Feb 07 j 09:27	21°♑25'26	3°43'33
min. Earth dist.	-3485 Feb 10 j 16:04	18°♑49'55	0.58731 AU
morning rise	-3485 Feb 14 j 19:55	16°♑07'47	
direct	-3485 Feb 20 j 23:17	14°♑31'00	
desc. node	-3485 Feb 24 j 09:38	15°♑00'30	
morning max el	-3485 Mar 07 j 05:47	22°♑05'00	26°39'05
	-3485 Mar 14 j 05:23	0°♒	
	-3485 Apr 01 j 14:41	0°♓	
morning set	-3485 Apr 05 j 19:11	8°♓29'43	
asc. node	-3485 Apr 11 j 05:56	20°♓11'23	
superior conj	-3485 Apr 12 j 20:06	23°♓40'17	0°16'37
minimum elong	-3485 Apr 12 j 19:22	23°♓36'17	0°16'25
max. Earth dist.	-3485 Apr 12 j 21:49	23°♓49'41	1.32574 AU
	-3485 Apr 15 j 17:40	0°♈	
evening rise	-3485 Apr 19 j 20:04	8°♈44'57	
	-3485 Apr 30 j 23:26	0°♉	
evening max el	-3485 May 19 j 10:07	24°♉58'22	26°32'47
desc. node	-3485 May 23 j 08:26	28°♉18'47	
	-3485 May 25 j 21:45	0°♊	
retrograde	-3485 Jun 02 j 11:39	2°♊17'08	
evening set	-3485 Jun 08 j 23:03	0°♊30'00	
	-3485 Jun 09 j 20:01	30°℞♉	
min. Earth dist.	-3485 Jun 12 j 23:27	27°♉49'00	0.59929 AU
inferior conj	-3485 Jun 16 j 08:11	25°♉06'40	-4°22'25
minimum elong	-3485 Jun 16 j 08:10	25°♉06'43	4°22'19
morning rise	-3485 Jun 23 j 19:26	20°♉28'56	
direct	-3485 Jun 26 j 07:49	20°♉05'35	
morning max el	-3485 Jul 03 j 18:45	23°♉41'47	18°16'09
asc. node	-3485 Jul 08 j 05:24	29°♉00'38	
	-3485 Jul 08 j 21:51	0°♊	
morning set	-3485 Jul 19 j 19:19	19°♊06'11	
	-3485 Jul 25 j 14:03	0°♋	
superior conj	-3485 Jul 29 j 07:22	6°♋51'20	1°45'44
minimum elong	-3485 Jul 29 j 09:26	7°♋00'41	1°45'46
max. Earth dist.	-3485 Aug 05 j 19:38	20°♋05'31	1.40802 AU
evening rise	-3485 Aug 10 j 17:56	28°♋20'01	
	-3485 Aug 11 j 18:27	0°♌	
desc. node	-3485 Aug 19 j 07:40	11°♌54'57	
	-3485 Aug 31 j 16:35	0°♍	
evening max el	-3485 Sep 13 j 22:27	16°♍20'37	23°04'25
retrograde	-3485 Sep 24 j 01:47	22°♍20'59	
evening set	-3485 Sep 28 j 22:12	20°♍20'45	
inferior conj	-3485 Oct 04 j 05:41	14°♍02'18	0°01'01
minimum elong	-3485 Oct 04 j 05:40	14°♍02'24	0°01'04
transit middle	-3485 Oct 04 j 05:40	14°♍02'24	0°01'04
transit begin	-3485 Oct 04 j 02:58	14°♍11'41	
transit end	-3485 Oct 04 j 08:21	13°♍53'07	
min. Earth dist.	-3485 Oct 04 j 00:06	14°♍21'34	0.67451 AU
asc. node	-3485 Oct 04 j 04:30	14°♍06'23	
morning rise	-3485 Oct 09 j 13:00	7°♍50'20	
direct	-3485 Oct 13 j 20:05	6°♍08'40	
morning max el	-3485 Oct 22 j 18:10	11°♍25'27	21°39'56
	-3485 Nov 06 j 05:02	0°♎	
desc. node	-3485 Nov 15 j 07:23	13°♎28'02	
morning set	-3485 Nov 23 j 10:41	26°♎06'12	
	-3485 Nov 25 j 21:12	0°♏	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3485 Nov 30 j 07:12	7°♏12'28	1.41806 AU
	-3485 Dec 07 j 19:54	19°♏59'01	-1°51'41
superior conj	-3485 Dec 07 j 16:59	19°♏46'20	1°51'39
minimum elong	-3485 Dec 13 j 11:30	0°♐	
	-3485 Dec 18 j 16:07	9°♐27'33	
evening rise	-3485 Dec 30 j 13:55	0°♑	
	-3485 Dec 31 j 03:32	0°♑48'49	
asc. node	-3484 Jan 04 j 03:41	5°♑40'04	18°10'19
evening max el	-3484 Jan 11 j 00:11	9°♑09'03	
retrograde	-3484 Jan 13 j 15:38	8°♑38'34	
evening set	-3484 Jan 20 j 11:13	3°♑45'14	4°01'17
inferior conj	-3484 Jan 20 j 11:26	3°♑44'44	4°01'10
minimum elong	-3484 Jan 23 j 15:50	0°♑49'42	0.60756 AU
min. Earth dist.	-3484 Jan 24 j 15:06	30°℞♐	
	-3484 Jan 27 j 05:46	28°♐03'43	
morning rise	-3484 Feb 03 j 02:05	25°♐49'52	
direct	-3484 Feb 11 j 06:43	28°♐38'49	
desc. node	-3484 Feb 13 j 04:37	0°♑	
	-3484 Feb 17 j 05:13	3°♑31'23	27°29'00
morning max el	-3484 Mar 07 j 17:35	0°♒	
	-3484 Mar 20 j 02:52	23°♒16'03	
morning set	-3484 Mar 23 j 07:44	0°♓	
	-3484 Mar 26 j 10:44	6°♓45'17	1.32593 AU
max. Earth dist.	-3484 Mar 27 j 07:33	8°♓38'50	-0°08'28
superior conj	-3484 Mar 27 j 07:56	8°♓40'56	0°08'27
minimum elong	-3484 Mar 27 j 03:38	8°♓17'30	
behind sun begin	-3484 Mar 27 j 12:13	9°♓04'23	
behind sun end	-3484 Mar 28 j 02:56	10°♓24'47	
asc. node	-3484 Apr 03 j 06:34	23°♓41'51	
evening rise	-3484 Apr 06 j 07:58	0°♈	
	-3484 Apr 24 j 14:06	0°♉	
evening max el	-3484 Apr 30 j 06:00	6°♉15'06	25°21'38
desc. node	-3484 May 09 j 05:31	12°♉25'20	
retrograde	-3484 May 14 j 07:32	13°♉25'40	
evening set	-3484 May 19 j 17:17	12°♉17'19	
min. Earth dist.	-3484 May 24 j 18:16	9°♉28'42	0.57930 AU
inferior conj	-3484 May 27 j 22:26	7°♉16'20	-4°05'05
minimum elong	-3484 May 27 j 18:44	7°♉22'49	4°04'33
morning rise	-3484 Jun 04 j 23:01	2°♉59'37	
direct	-3484 Jun 07 j 11:04	2°♉40'23	
morning max el	-3484 Jun 15 j 23:19	6°♉40'00	18°54'45
asc. node	-3484 Jun 24 j 02:27	17°♉26'09	
	-3484 Jun 30 j 23:40	0°♊	
morning set	-3484 Jul 02 j 13:55	3°♊06'32	
	-3484 Jul 11 j 03:32	19°♊49'36	1°48'51
superior conj	-3484 Jul 11 j 03:13	19°♊48'05	1°48'58
minimum elong	-3484 Jul 16 j 14:32	0°♋	
	-3484 Jul 17 j 22:10	2°♋22'40	1.38847 AU
max. Earth dist.	-3484 Jul 21 j 20:47	9°♋18'23	
evening rise	-3484 Aug 03 j 15:44	0°♌	
	-3484 Aug 05 j 04:39	2°♌19'06	
desc. node	-3484 Aug 26 j 10:17	29°♌50'02	24°24'38
evening max el	-3484 Aug 26 j 14:19	0°♍	
	-3484 Sep 06 j 15:50	6°♍24'50	
retrograde	-3484 Sep 12 j 03:07	4°♍05'23	
evening set	-3484 Sep 15 j 19:30	30°℞♌	
	-3484 Sep 17 j 11:35	27°♌46'35	-0°52'44
inferior conj	-3484 Sep 17 j 12:50	27°♌42'24	0°52'08
minimum elong	-3484 Sep 16 j 19:33	28°♌40'28	0.67263 AU
min. Earth dist.	-3484 Sep 20 j 01:35	24°♌27'27	
asc. node	-3484 Sep 22 j 22:31	21°♌40'36	
morning rise	-3484 Sep 26 j 17:04	20°♌18'57	
direct	-3484 Oct 04 j 15:15	24°♌55'59	20°25'02
morning max el	-3484 Oct 09 j 00:22	0°♍	
	-3484 Oct 29 j 14:54	0°♎	
morning set	-3484 Nov 01 j 10:09	4°♎19'35	
desc. node	-3484 Nov 01 j 04:21	3°♎57'06	
max. Earth dist.	-3484 Nov 11 j 15:40	20°♎27'49	1.43445 AU
	-3484 Nov 17 j 14:22	0°♏09'26	-1°32'32
superior conj	-3484 Nov 17 j 07:52	29°♎42'38	1°32'01
minimum elong	-3484 Nov 17 j 12:05	0°♏	
evening rise	-3484 Nov 30 j 04:00	21°♏34'32	
	-3484 Dec 05 j 00:01	0°♐	
asc. node	-3484 Dec 17 j 00:36	18°♐12'12	
evening max el	-3484 Dec 17 j 15:46	18°♐51'53	18°10'14
retrograde	-3484 Dec 24 j 05:06	22°♐20'38	
evening set	-3484 Dec 26 j 23:53	21°♐41'50	
inferior conj	-3483 Jan 02 j 08:09	16°♐27'29	3°54'18
minimum elong	-3483 Jan 02 j 06:18	16°♐32'20	3°53'59
min. Earth dist.	-3483 Jan 05 j 00:20	13°♐40'13	0.62676 AU
morning rise	-3483 Jan 08 j 11:54	10°♐33'19	
direct	-3483 Jan 15 j 13:27	7°♐53'31	
desc. node	-3483 Jan 28 j 03:48	14°♐24'55	
morning max el	-3483 Jan 29 j 10:34	15°♐38'23	27°43'07
	-3483 Feb 10 j 06:25	0°♑	
	-3483 Feb 28 j 07:05	0°♒	
morning set	-3483 Mar 04 j 05:15	7°♒43'19	
max. Earth dist.	-3483 Mar 09 j 19:50	19°♒24'47	1.32970 AU
superior conj	-3483 Mar 11 j 17:07	23°♒28'17	-0°33'47
minimum elong	-3483 Mar 11 j 18:39	23°♒36'30	0°33'33
asc. node	-3483 Mar 14 j 23:56	0°♓35'06	
	-3483 Mar 14 j 17:27	0°♓	
evening rise	-3483 Mar 18 j 18:15	8°♓38'30	
	-3483 Mar 29 j 23:26	0°♈	
evening max el	-3483 Apr 11 j 21:49	17°♈01'57	23°51'52
retrograde	-3483 Apr 25 j 15:19	23°♈53'56	
desc. node	-3483 Apr 26 j 02:38	23°♈53'25	
evening set	-3483 Apr 29 j 16:42	23°♈17'31	
min. Earth dist.	-3483 May 06 j 09:08	20°♈07'50	0.56275 AU
inferior conj	-3483 May 08 j 16:29	18°♈43'20	-3°09'37
minimum elong	-3483 May 08 j 10:25	18°♈52'40	3°08'06
morning rise	-3483 May 17 j 07:05	14°♈42'48	
direct	-3483 May 19 j 19:20	14°♈26'34	
morning max el	-3483 May 29 j 18:55	19°♈04'18	19°53'54
	-3483 Jun 07 j 06:09	0°♉	
asc. node	-3483 Jun 10 j 23:28	6°♉27'26	
morning set	-3483 Jun 16 j 16:17	17°♉32'17	
	-3483 Jun 22 j 19:42	0°♊	
superior conj	-3483 Jun 24 j 14:15	3°♊33'20	1°43'10
minimum elong	-3483 Jun 24 j 12:23	3°♊24'02	1°43'10
max. Earth dist.	-3483 Jun 30 j 01:44	14°♊12'44	1.36968 AU
evening rise	-3483 Jul 03 j 23:45	21°♊28'03	
	-3483 Jul 08 j 20:00	0°♋	
desc. node	-3483 Jul 23 j 01:41	22°♋26'11	
	-3483 Jul 28 j 12:30	0°♌	
evening max el	-3483 Aug 08 j 21:01	13°♌21'42	25°38'34
retrograde	-3483 Aug 21 j 01:36	20°♌22'58	
evening set	-3483 Aug 27 j 03:49	17°♌46'58	
min. Earth dist.	-3483 Aug 31 j 11:37	12°♌58'50	0.66748 AU
inferior conj	-3483 Sep 01 j 14:56	11°♌31'03	-1°45'36
minimum elong	-3483 Sep 01 j 17:24	11°♌23'08	1°44'33
asc. node	-3483 Sep 06 j 22:40	5°♌48'24	
morning rise	-3483 Sep 07 j 07:07	5°♌34'08	
direct	-3483 Sep 10 j 15:15	4°♌29'38	
morning max el	-3483 Sep 17 j 19:41	8°♌35'33	19°23'18
	-3483 Oct 03 j 06:43	0°♍	
morning set	-3483 Oct 11 j 13:11	12°♍50'46	
desc. node	-3483 Oct 19 j 01:19	24°♍35'00	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3483 Oct 22 j 12:04	0°♎	
max. Earth dist.	-3483 Oct 25 j 06:17	4°♎21'18	1.44501 AU
superior conj	-3483 Oct 28 j 06:02	9°♎06'05	-0°56'26
minimum elong	-3483 Oct 27 j 23:34	8°♎40'20	0°55'41
	-3483 Nov 10 j 03:07	0°♏	
evening rise	-3483 Nov 11 j 19:14	2°♏46'07	
	-3483 Nov 29 j 05:07	0°♐	
evening max el	-3483 Dec 01 j 04:14	2°♐12'51	18°28'51
asc. node	-3483 Dec 03 j 21:39	4°♐32'16	
retrograde	-3483 Dec 07 j 18:49	5°♐52'06	
evening set	-3483 Dec 10 j 17:58	5°♐03'43	
	-3483 Dec 16 j 07:23	30℞♏	
inferior conj	-3483 Dec 16 j 17:31	29°♏30'44	3°30'32
minimum elong	-3483 Dec 16 j 14:36	29°♏39'10	3°29'50
min. Earth dist.	-3483 Dec 18 j 18:58	27°♏07'34	0.64316 AU
morning rise	-3483 Dec 22 j 10:45	23°♏27'27	
direct	-3483 Dec 29 j 08:11	20°♏36'24	
morning max el	-3482 Jan 11 j 19:36	28°♏19'14	27°21'51
	-3482 Jan 13 j 10:49	0°♐	
desc. node	-3482 Jan 15 j 00:52	1°♐43'57	
	-3482 Feb 04 j 00:16	0°♑	
morning set	-3482 Feb 15 j 23:35	21°♑42'27	
	-3482 Feb 20 j 02:39	0°♒	
max. Earth dist.	-3482 Feb 20 j 21:08	1°♒35'17	1.33744 AU
superior conj	-3482 Feb 23 j 23:00	8°♒02'23	-0°58'21
minimum elong	-3482 Feb 24 j 01:32	8°♒15'43	0°57'59
asc. node	-3482 Mar 01 j 20:58	20°♒38'14	
evening rise	-3482 Mar 03 j 05:19	23°♒28'31	
	-3482 Mar 06 j 09:40	0°♓	
evening max el	-3482 Mar 24 j 15:32	27°♓45'51	22°17'47
	-3482 Mar 27 j 05:28	0°♈	
retrograde	-3482 Apr 06 j 11:26	4°♈01'16	
evening set	-3482 Apr 09 j 09:01	3°♈42'43	
desc. node	-3482 Apr 12 j 23:45	2°♈32'42	
	-3482 Apr 17 j 22:50	30℞♓	
min. Earth dist.	-3482 Apr 17 j 23:08	29°♓59'35	0.55297 AU
inferior conj	-3482 Apr 18 j 17:51	29°♓33'04	-1°34'29
minimum elong	-3482 Apr 18 j 13:38	29°♓39'01	1°33'06
morning rise	-3482 Apr 27 j 19:54	25°♓35'53	
direct	-3482 Apr 30 j 11:40	25°♓19'49	
	-3482 May 11 j 06:17	0°♈	
morning max el	-3482 May 12 j 03:54	0°♈48'29	21°12'19
asc. node	-3482 May 28 j 20:31	25°♈55'53	
	-3482 May 30 j 21:12	0°♉	
morning set	-3482 May 31 j 23:52	2°♉16'26	
superior conj	-3482 Jun 08 j 11:15	17°♉50'01	1°30'57
minimum elong	-3482 Jun 08 j 08:40	17°♉36'43	1°30'47
max. Earth dist.	-3482 Jun 12 j 12:11	26°♉02'27	1.35364 AU
	-3482 Jun 14 j 12:22	0°♊	
evening rise	-3482 Jun 16 j 21:50	4°♊36'14	
	-3482 Jul 01 j 15:32	0°♋	
desc. node	-3482 Jul 09 j 22:43	12°♋08'22	
evening max el	-3482 Jul 22 j 08:10	26°♋51'53	26°38'11
	-3482 Jul 25 j 21:12	0°♌	
retrograde	-3482 Aug 04 j 06:36	4°♌09'01	
evening set	-3482 Aug 10 j 22:04	1°♌22'44	
	-3482 Aug 12 j 09:43	30℞♋	
min. Earth dist.	-3482 Aug 14 j 22:00	27°♋12'43	0.65877 AU
inferior conj	-3482 Aug 16 j 13:49	25°♋12'55	-2°35'42
minimum elong	-3482 Aug 16 j 17:15	25°♋02'33	2°34'26
morning rise	-3482 Aug 22 j 12:47	19°♋28'04	
asc. node	-3482 Aug 24 j 19:46	18°♋40'12	
direct	-3482 Aug 25 j 12:49	18°♋37'22	
morning max el	-3482 Sep 01 j 06:01	22°♋21'05	18°37'01
	-3482 Sep 07 j 07:26	0°♌	
morning set	-3482 Sep 21 j 14:50	22°♌30'35	
	-3482 Sep 26 j 06:51	0°♍	
desc. node	-3482 Oct 05 j 22:17	15°♍18'04	
superior conj	-3482 Oct 07 j 06:12	17°♍23'50	-0°08'29
minimum elong	-3482 Oct 07 j 05:05	17°♍19'25	0°08'18
behind sun begin	-3482 Oct 06 j 19:11	16°♍40'23	
behind sun end	-3482 Oct 07 j 14:59	17°♍58'27	
max. Earth dist.	-3482 Oct 07 j 23:54	18°♍33'32	1.44859 AU
	-3482 Oct 15 j 06:16	0°♎	
evening rise	-3482 Oct 23 j 10:06	12°♎54'50	
greatest brilliancy	-3482 Oct 31 j 14:13	25°♎53'06	-0.8m
	-3482 Nov 03 j 05:17	0°♏	
evening max el	-3482 Nov 14 j 14:36	15°♏38'19	19°05'00
asc. node	-3482 Nov 20 j 18:45	19°♏33'24	
retrograde	-3482 Nov 21 j 13:37	19°♏36'53	
evening set	-3482 Nov 24 j 18:52	18°♏36'57	
inferior conj	-3482 Nov 30 j 11:50	12°♏48'15	2°55'15
minimum elong	-3482 Nov 30 j 08:44	12°♏57'59	2°54'16
min. Earth dist.	-3482 Dec 01 j 22:59	10°♏58'05	0.65614 AU
morning rise	-3482 Dec 05 j 22:18	6°♏38'34	
direct	-3482 Dec 12 j 09:28	3°♏50'13	
morning max el	-3482 Dec 25 j 05:17	11°♏20'28	26°30'36
desc. node	-3481 Jan 01 j 21:55	20°♏08'09	
	-3481 Jan 09 j 04:23	0°♐	
	-3481 Jan 27 j 13:21	0°♑	
morning set	-3481 Jan 30 j 06:04	5°♑00'28	
max. Earth dist.	-3481 Feb 03 j 11:02	13°♑08'21	1.34963 AU
superior conj	-3481 Feb 07 j 22:53	22°♑13'02	-1°20'52
minimum elong	-3481 Feb 08 j 02:02	22°♑29'15	1°20'32
	-3481 Feb 11 j 16:49	0°♒	
evening rise	-3481 Feb 15 j 13:54	8°♒04'28	
asc. node	-3481 Feb 16 j 18:00	10°♒28'35	
	-3481 Feb 27 j 12:35	0°♓	
evening max el	-3481 Mar 06 j 17:06	8°♓51'33	20°51'45
retrograde	-3481 Mar 18 j 00:57	14°♓15'53	
evening set	-3481 Mar 20 j 09:09	14°♓02'54	
inferior conj	-3481 Mar 29 j 13:00	10°♓05'06	0°22'11
minimum elong	-3481 Mar 29 j 14:01	10°♓03'39	0°21'46
min. Earth dist.	-3481 Mar 30 j 13:21	9°♓30'14	0.55222 AU
desc. node	-3481 Mar 30 j 20:53	9°♓19'30	
morning rise	-3481 Apr 07 j 17:59	5°♓53'07	
direct	-3481 Apr 10 j 23:33	5°♓30'21	
morning max el	-3481 Apr 24 j 02:28	11°♓51'51	22°45'49
	-3481 May 07 j 12:51	0°♈	
asc. node	-3481 May 15 j 17:33	15°♈43'38	
morning set	-3481 May 16 j 10:37	17°♈12'17	
	-3481 May 22 j 11:12	0°♉	
superior conj	-3481 May 23 j 15:13	2°♉29'00	1°13'58
minimum elong	-3481 May 23 j 12:36	2°♉15'09	1°13'39
max. Earth dist.	-3481 May 26 j 08:37	8°♉12'58	1.34118 AU
evening rise	-3481 May 31 j 09:56	18°♉27'57	
	-3481 Jun 06 j 12:35	0°♊	
	-3481 Jun 25 j 20:11	0°♋	
desc. node	-3481 Jun 26 j 19:46	1°♋15'08	
evening max el	-3481 Jul 04 j 19:33	10°♋12'14	27°15'44
retrograde	-3481 Jul 18 j 06:13	17°♋35'17	
evening set	-3481 Jul 25 j 07:07	14°♋48'41	
min. Earth dist.	-3481 Jul 29 j 00:34	11°♋15'24	0.64631 AU
inferior conj	-3481 Jul 31 j 05:56	8°♋48'08	-3°20'38
minimum elong	-3481 Jul 31 j 09:51	8°♋37'20	3°19'29
morning rise	-3481 Aug 06 j 13:11	3°♋18'29	
direct	-3481 Aug 09 j 07:30	2°♋38'17	
asc. node	-3481 Aug 11 j 16:52	3°♋08'16	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3481 Aug 15 j 19:58	6°♋08'06	18°07'35
	-3481 Aug 31 j 18:07	0°♌	
morning set	-3481 Sep 02 j 20:08	3°♌30'33	
superior conj	-3481 Sep 16 j 12:54	26°♌05'02	0°39'21
minimum elong	-3481 Sep 16 j 17:20	26°♌22'50	0°38'52
	-3481 Sep 18 j 23:37	0°♍	
max. Earth dist.	-3481 Sep 20 j 17:33	2°♍46'45	1.44489 AU
desc. node	-3481 Sep 22 j 19:15	6°♍03'13	
evening rise	-3481 Oct 03 j 01:54	22°♍05'48	
	-3481 Oct 08 j 04:49	0°♎	
greatest brilliancy	-3481 Oct 16 j 09:45	12°♎28'09	-0.7m
evening max el	-3481 Oct 28 j 20:45	29°♎05'37	19°57'02
	-3481 Oct 29 j 18:40	0°♏	
retrograde	-3481 Nov 05 j 10:37	3°♏31'23	
asc. node	-3481 Nov 07 j 15:51	3°♏02'52	
evening set	-3481 Nov 09 j 00:08	2°♏17'22	
	-3481 Nov 11 j 12:26	30°℞♎	
inferior conj	-3481 Nov 14 j 12:23	26°♎16'02	2°12'05
minimum elong	-3481 Nov 14 j 09:42	26°♎24'54	2°11'06
min. Earth dist.	-3481 Nov 15 j 10:36	25°♎02'25	0.66554 AU
morning rise	-3481 Nov 19 j 19:03	20°♎02'29	
direct	-3481 Nov 25 j 16:22	17°♎27'23	
morning max el	-3481 Dec 07 j 14:05	24°♎31'13	25°17'58
	-3481 Dec 12 j 13:10	0°♏	
desc. node	-3481 Dec 19 j 18:57	9°♏18'38	
	-3480 Jan 02 j 15:10	0°♐	
morning set	-3480 Jan 12 j 19:48	17°♐23'30	
max. Earth dist.	-3480 Jan 16 j 13:30	24°♐15'31	1.36630 AU
	-3480 Jan 19 j 13:55	0°♑	
superior conj	-3480 Jan 22 j 13:59	5°♑52'30	-1°39'37
minimum elong	-3480 Jan 22 j 17:05	6°♑07'51	1°39'27
evening rise	-3480 Jan 30 j 18:01	22°♑20'54	
asc. node	-3480 Feb 03 j 15:02	0°♒01'05	
	-3480 Feb 03 j 14:48	0°♒	
evening max el	-3480 Feb 17 j 05:13	20°♒31'56	19°41'20
retrograde	-3480 Feb 26 j 20:06	25°♒06'07	
evening set	-3480 Feb 29 j 03:16	24°♒51'40	
inferior conj	-3480 Mar 08 j 16:06	20°♒48'22	2°07'48
minimum elong	-3480 Mar 08 j 20:45	20°♒41'01	2°06'21
min. Earth dist.	-3480 Mar 11 j 03:45	19°♒14'36	0.56071 AU
desc. node	-3480 Mar 16 j 18:00	16°♒23'37	
morning rise	-3480 Mar 17 j 11:46	16°♒08'32	
direct	-3480 Mar 21 j 19:09	15°♒26'58	
morning max el	-3480 Apr 04 j 18:14	22°♒28'32	24°25'15
	-3480 Apr 11 j 09:15	0°♓	
	-3480 Apr 28 j 21:05	0°♈	
morning set	-3480 Apr 29 j 22:43	2°♈13'41	
asc. node	-3480 May 01 j 14:33	5°♈44'41	
superior conj	-3480 May 06 j 23:40	17°♈21'57	0°53'30
minimum elong	-3480 May 06 j 21:32	17°♈10'25	0°53'08
max. Earth dist.	-3480 May 08 j 14:04	20°♈48'52	1.33243 AU
	-3480 May 12 j 22:37	0°♉	
evening rise	-3480 May 14 j 07:54	2°♉50'13	
	-3480 May 29 j 08:22	0°♊	
desc. node	-3480 Jun 12 j 16:49	19°♊31'07	
evening max el	-3480 Jun 16 j 05:21	23°♊09'56	27°24'39
	-3480 Jun 26 j 12:51	0°♋	
retrograde	-3480 Jun 29 j 23:36	0°♋32'40	
	-3480 Jul 03 j 07:11	30°℞♊	
evening set	-3480 Jul 07 j 03:28	27°♊58'35	
min. Earth dist.	-3480 Jul 10 j 17:30	24°♊56'07	0.63021 AU
inferior conj	-3480 Jul 13 j 12:30	22°♊10'18	-3°56'53
minimum elong	-3480 Jul 13 j 15:59	22°♊01'40	3°56'08
morning rise	-3480 Jul 20 j 05:30	16°♊59'00	

direct	-3480 Jul 22 j 20:19	16°♊26'39	
asc. node	-3480 Jul 28 j 13:57	19°♊02'02	
morning max el	-3480 Jul 29 j 10:55	19°♊50'53	17°56'00
	-3480 Aug 05 j 23:20	0°♋	
morning set	-3480 Aug 15 j 01:14	15°♋38'29	
	-3480 Aug 23 j 06:59	0°♌	
superior conj	-3480 Aug 26 j 19:20	5°♌57'00	1°16'20
minimum elong	-3480 Aug 27 j 00:57	6°♌20'28	1°15'51
max. Earth dist.	-3480 Sep 02 j 08:32	16°♌43'34	1.43447 AU
desc. node	-3480 Sep 08 j 16:11	26°♌46'54	
	-3480 Sep 10 j 17:39	0°♍	
evening rise	-3480 Sep 11 j 06:20	0°♍49'14	
	-3480 Sep 30 j 20:55	0°♎	
evening max el	-3480 Oct 10 j 21:06	12°♎32'03	21°02'39
retrograde	-3480 Oct 19 j 07:37	17°♎31'48	
evening set	-3480 Oct 23 j 07:37	16°♎01'08	
asc. node	-3480 Oct 24 j 12:57	14°♎57'13	
inferior conj	-3480 Oct 28 j 16:47	9°♎50'21	1°23'36
minimum elong	-3480 Oct 28 j 14:57	9°♎56'39	1°22'51
min. Earth dist.	-3480 Oct 29 j 03:29	9°♎13'45	0.67151 AU
morning rise	-3480 Nov 02 j 22:06	3°♎35'24	
direct	-3480 Nov 08 j 04:09	1°♎19'53	
morning max el	-3480 Nov 18 j 22:48	7°♎45'34	23°53'47
desc. node	-3480 Dec 05 j 15:56	29°♎01'23	
	-3480 Dec 06 j 08:08	0°♏	
morning set	-3480 Dec 24 j 10:43	28°♏35'00	
	-3480 Dec 25 j 06:31	0°♐	
max. Earth dist.	-3480 Dec 28 j 09:43	5°♐28'43	1.38618 AU
superior conj	-3479 Jan 04 j 16:32	18°♐50'16	-1°52'13
minimum elong	-3479 Jan 04 j 18:27	18°♐59'21	1°52'17
	-3479 Jan 10 j 11:26	0°♑	
evening rise	-3479 Jan 13 j 15:15	6°♑11'15	
asc. node	-3479 Jan 20 j 12:03	19°♑09'27	
	-3479 Jan 27 j 14:14	0°♒	
evening max el	-3479 Jan 30 j 03:16	2°♒47'19	18°50'08
retrograde	-3479 Feb 07 j 07:52	6°♒44'19	
evening set	-3479 Feb 09 j 18:06	6°♒24'55	
inferior conj	-3479 Feb 17 j 13:17	2°♒04'44	3°19'42
minimum elong	-3479 Feb 17 j 17:36	1°♒56'50	3°18'45
	-3479 Feb 20 j 09:45	30°℞♑	
min. Earth dist.	-3479 Feb 20 j 19:34	29°♑42'46	0.57633 AU
morning rise	-3479 Feb 25 j 14:32	26°♑55'22	
direct	-3479 Mar 03 j 03:16	25°♑41'24	
desc. node	-3479 Mar 03 j 15:06	25°♑42'00	
	-3479 Mar 13 j 19:34	0°♒	
morning max el	-3479 Mar 17 j 09:34	3°♒06'38	25°56'32
	-3479 Apr 05 j 14:46	0°♓	
morning set	-3479 Apr 14 j 10:32	17°♓14'59	
asc. node	-3479 Apr 18 j 11:33	25°♓54'18	
	-3479 Apr 20 j 08:36	0°♈	
superior conj	-3479 Apr 21 j 10:39	2°♈22'24	0°30'35
minimum elong	-3479 Apr 21 j 09:21	2°♈15'13	0°30'18
max. Earth dist.	-3479 Apr 22 j 01:26	3°♈43'04	1.32718 AU
evening rise	-3479 Apr 28 j 12:38	17°♈32'49	
	-3479 May 04 j 19:52	0°♉	
	-3479 May 24 j 07:08	0°♊	
evening max el	-3479 May 29 j 10:49	5°♊32'17	27°01'02
desc. node	-3479 May 30 j 13:53	6°♊35'04	
retrograde	-3479 Jun 12 j 09:57	12°♊52'50	
evening set	-3479 Jun 19 j 07:05	10°♊44'58	
min. Earth dist.	-3479 Jun 23 j 00:20	8°♊01'14	0.61107 AU
inferior conj	-3479 Jun 26 j 06:13	5°♊11'48	-4°19'03
minimum elong	-3479 Jun 26 j 07:55	5°♊08'05	4°18'49
morning rise	-3479 Jul 03 j 10:24	0°♊21'36	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3479 Jul 04 j 21:49	30°℞♉	
direct	-3479 Jul 05 j 23:27	29°♉55'16	
	-3479 Jul 07 j 00:51	0°♊	
morning max el	-3479 Jul 13 j 00:10	3°♊23'29	18°03'14
asc. node	-3479 Jul 15 j 11:00	6°♊06'29	
morning set	-3479 Jul 29 j 00:35	28°♊39'40	
	-3479 Jul 29 j 17:59	0°♋	
superior conj	-3479 Aug 08 j 05:26	17°♋11'47	1°38'52
minimum elong	-3479 Aug 08 j 09:03	17°♋27'42	1°38'44
	-3479 Aug 15 j 16:37	0°♌	
max. Earth dist.	-3479 Aug 15 j 18:17	0°♌06'57	1.41871 AU
evening rise	-3479 Aug 21 j 19:05	9°♌57'32	
desc. node	-3479 Aug 26 j 13:09	17°♌26'13	
	-3479 Sep 03 j 20:45	0°♍	
evening max el	-3479 Sep 23 j 15:15	25°♍57'39	22°18'12
	-3479 Sep 28 j 10:24	0°♎	
retrograde	-3479 Oct 03 j 02:59	1°♎35'58	
	-3479 Oct 07 j 08:45	30°℞♍	
evening set	-3479 Oct 07 j 15:30	29°♍46'37	
asc. node	-3479 Oct 11 j 10:03	25°♍36'18	
inferior conj	-3479 Oct 12 j 23:09	23°♍29'48	0°31'44
minimum elong	-3479 Oct 12 j 22:25	23°♍32'20	0°31'27
min. Earth dist.	-3479 Oct 12 j 23:19	23°♍29'12	0.67431 AU
morning rise	-3479 Oct 18 j 05:13	17°♍16'00	
direct	-3479 Oct 22 j 20:14	15°♍22'15	
morning max el	-3479 Nov 01 j 10:12	21°♍04'10	22°27'24
	-3479 Nov 09 j 00:07	0°♎	
desc. node	-3479 Nov 22 j 12:54	19°♎07'03	
	-3479 Nov 29 j 15:23	0°♏	
morning set	-3479 Dec 04 j 21:33	8°♏23'23	
max. Earth dist.	-3479 Dec 10 j 07:13	17°♏20'50	1.40689 AU
	-3479 Dec 17 j 13:43	0°♐	
superior conj	-3479 Dec 18 j 01:37	0°♐53'17	-1°55'31
minimum elong	-3479 Dec 18 j 00:51	0°♐49'52	1°55'37
evening rise	-3479 Dec 28 j 02:35	19°♐28'04	
	-3478 Jan 02 j 19:05	0°♑	
asc. node	-3478 Jan 07 j 09:06	7°♑45'31	
evening max el	-3478 Jan 13 j 09:00	15°♑30'58	18°19'05
retrograde	-3478 Jan 20 j 14:16	19°♑06'21	
evening set	-3478 Jan 23 j 03:45	18°♑40'20	
inferior conj	-3478 Jan 30 j 07:06	13°♑59'18	3°54'55
minimum elong	-3478 Jan 30 j 08:52	13°♑55'32	3°54'40
min. Earth dist.	-3478 Feb 02 j 15:45	11°♑08'55	0.59583 AU
morning rise	-3478 Feb 06 j 12:03	8°♑26'58	
direct	-3478 Feb 12 j 23:48	6°♑33'51	
desc. node	-3478 Feb 18 j 12:12	7°♑50'29	
morning max el	-3478 Feb 27 j 05:39	14°♑11'55	27°04'40
	-3478 Mar 11 j 22:04	0°♒	
	-3478 Mar 28 j 19:21	0°♓	
morning set	-3478 Mar 29 j 20:17	2°♓08'47	
asc. node	-3478 Apr 05 j 08:32	16°♓07'23	
superior conj	-3478 Apr 05 j 22:23	17°♓23'11	0°06'04
minimum elong	-3478 Apr 05 j 22:07	17°♓21'43	0°05'58
behind sun begin	-3478 Apr 05 j 17:28	16°♓56'13	
behind sun end	-3478 Apr 06 j 02:47	17°♓47'14	
max. Earth dist.	-3478 Apr 05 j 14:48	16°♓41'38	1.32534 AU
	-3478 Apr 11 j 17:54	0°♈	
evening rise	-3478 Apr 12 j 21:36	2°♈26'14	
	-3478 Apr 27 j 21:03	0°♉	
evening max el	-3478 May 11 j 09:55	17°♉11'00	26°05'31
desc. node	-3478 May 17 j 11:00	21°♉56'22	
retrograde	-3478 May 25 j 11:58	24°♉27'43	
evening set	-3478 May 31 j 13:59	22°♉56'44	
min. Earth dist.	-3478 Jun 04 j 22:36	20°♉14'40	0.59056 AU
inferior conj	-3478 Jun 08 j 07:21	17°♉42'10	-4°19'08
minimum elong	-3478 Jun 08 j 05:48	17°♉45'06	4°18'58
morning rise	-3478 Jun 16 j 00:10	13°♉14'03	
direct	-3478 Jun 18 j 12:23	12°♉52'36	
morning max el	-3478 Jun 26 j 08:47	16°♉36'46	18°30'10
asc. node	-3478 Jul 02 j 08:02	24°♉05'44	
	-3478 Jul 05 j 22:04	0°♊	
morning set	-3478 Jul 12 j 13:15	12°♊20'34	
superior conj	-3478 Jul 21 j 14:49	29°♊36'38	1°48'17
minimum elong	-3478 Jul 21 j 15:47	29°♊41'07	1°48'24
	-3478 Jul 21 j 19:51	0°♋	
max. Earth dist.	-3478 Jul 28 j 22:04	12°♋44'55	1.39972 AU
evening rise	-3478 Aug 02 j 06:39	20°♋10'58	
	-3478 Aug 08 j 07:17	0°♌	
desc. node	-3478 Aug 13 j 10:08	7°♌57'04	
	-3478 Aug 29 j 01:23	0°♍	
evening max el	-3478 Sep 06 j 04:34	9°♍24'32	23°38'45
retrograde	-3478 Sep 16 j 19:26	15°♍40'59	
evening set	-3478 Sep 21 j 22:03	13°♍32'19	
inferior conj	-3478 Sep 27 j 05:44	7°♍13'00	-0°21'46
minimum elong	-3478 Sep 27 j 06:15	7°♍11'15	0°21'30
min. Earth dist.	-3478 Sep 26 j 19:42	7°♍47'19	0.67406 AU
asc. node	-3478 Sep 28 j 07:08	5°♍46'53	
morning rise	-3478 Oct 02 j 14:24	1°♍03'10	
	-3478 Oct 04 j 08:25	30°℞♌	
direct	-3478 Oct 06 j 15:47	29°♌30'32	
	-3478 Oct 09 j 02:01	0°♍	
morning max el	-3478 Oct 15 j 03:16	4°♍29'56	21°06'39
	-3478 Nov 03 j 03:25	0°♎	
desc. node	-3478 Nov 09 j 09:51	9°♎29'09	
morning set	-3478 Nov 14 j 05:58	16°♎59'01	
	-3478 Nov 22 j 09:32	0°♏	
max. Earth dist.	-3478 Nov 22 j 10:54	0°♏05'35	1.42557 AU
superior conj	-3478 Nov 29 j 11:37	11°♏48'14	-1°45'37
minimum elong	-3478 Nov 29 j 07:01	11°♏28'43	1°45'24
	-3478 Dec 09 j 20:50	0°♐	
evening rise	-3478 Dec 11 j 00:20	2°♐03'28	
asc. node	-3478 Dec 25 j 06:10	25°♐39'21	
evening max el	-3478 Dec 27 j 19:40	28°♐35'16	18°07'57
	-3478 Dec 29 j 09:38	0°♑	
retrograde	-3477 Jan 03 j 12:10	2°♑02'55	
evening set	-3477 Jan 06 j 04:51	1°♑29'11	
	-3477 Jan 08 j 18:41	30°℞♐	
inferior conj	-3477 Jan 12 j 19:18	26°♐26'56	4°00'48
minimum elong	-3477 Jan 12 j 18:31	26°♐28'51	4°00'38
min. Earth dist.	-3477 Jan 15 j 19:19	23°♐32'07	0.61595 AU
morning rise	-3477 Jan 19 j 06:58	20°♐39'14	
direct	-3477 Jan 26 j 06:47	18°♐12'22	
desc. node	-3477 Feb 05 j 09:16	22°♐27'55	
morning max el	-3477 Feb 09 j 07:59	25°♐56'48	27°39'27
	-3477 Feb 13 j 03:16	0°♑	
	-3477 Mar 05 j 08:18	0°♒	
morning set	-3477 Mar 14 j 02:01	16°♒48'10	
max. Earth dist.	-3477 Mar 20 j 02:27	29°♒31'24	1.32703 AU
	-3477 Mar 20 j 07:44	0°♓	
superior conj	-3477 Mar 21 j 09:16	2°♓18'43	-0°19'14
minimum elong	-3477 Mar 21 j 10:08	2°♓23'27	0°19'07
asc. node	-3477 Mar 23 j 05:33	6°♓19'59	
evening rise	-3477 Mar 28 j 08:49	17°♓23'35	
	-3477 Apr 03 j 15:27	0°♈	
evening max el	-3477 Apr 23 j 03:26	28°♈11'55	24°44'54
	-3477 Apr 25 j 03:28	0°♉	
desc. node	-3477 May 04 j 08:07	4°♉58'50	
retrograde	-3477 May 07 j 03:23	5°♉17'03	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3477 May 11 j 23:20	4°♉23'53	
min. Earth dist.	-3477 May 17 j 15:33	1°♉27'25	0.57159 AU
	-3477 May 19 j 20:58	30°℞♈	
inferior conj	-3477 May 20 j 12:58	29°♈33'30	-3°46'39
minimum elong	-3477 May 20 j 07:54	29°♈41'53	3°45'42
morning rise	-3477 May 28 j 19:33	25°♈24'39	
direct	-3477 May 31 j 07:19	25°♈07'02	
morning max el	-3477 Jun 09 j 09:52	29°♈21'28	19°17'28
	-3477 Jun 10 j 01:50	0°♉	
asc. node	-3477 Jun 19 j 05:04	12°♉47'15	
morning set	-3477 Jun 26 j 11:26	26°♉31'47	
	-3477 Jun 28 j 05:14	0°♊	
superior conj	-3477 Jul 04 j 17:43	12°♊55'18	1°47'22
minimum elong	-3477 Jul 04 j 16:38	12°♊50'01	1°47'27
max. Earth dist.	-3477 Jul 10 j 23:44	24°♊44'54	1.38020 AU
	-3477 Jul 13 j 21:30	0°♋	
evening rise	-3477 Jul 14 j 20:14	1°♋40'30	
desc. node	-3477 Jul 31 j 07:10	28°♋14'24	
	-3477 Aug 01 j 11:59	0°♌	
evening max el	-3477 Aug 19 j 15:39	22°♌54'45	24°57'27
retrograde	-3477 Aug 31 j 07:53	29°♌42'37	
evening set	-3477 Sep 06 j 01:26	27°♌15'48	
min. Earth dist.	-3477 Sep 10 j 14:08	22°♌06'00	0.67076 AU
inferior conj	-3477 Sep 11 j 10:48	20°♌57'40	-1°15'22
minimum elong	-3477 Sep 11 j 12:35	20°♌51'47	1°14'34
asc. node	-3477 Sep 15 j 04:14	16°♌27'35	
morning rise	-3477 Sep 16 j 23:44	14°♌54'53	
direct	-3477 Sep 20 j 13:32	13°♌40'55	
morning max el	-3477 Sep 28 j 03:29	18°♌04'04	19°56'57
	-3477 Oct 07 j 11:55	0°♍	
morning set	-3477 Oct 24 j 03:52	25°♍11'05	
desc. node	-3477 Oct 27 j 06:48	0°♎02'13	
	-3477 Oct 27 j 06:14	0°♎	
max. Earth dist.	-3477 Nov 04 j 21:51	13°♎37'38	1.43972 AU
superior conj	-3477 Nov 09 j 18:20	21°♎26'03	-1°19'12
minimum elong	-3477 Nov 09 j 11:10	20°♎57'02	1°18'31
	-3477 Nov 14 j 23:38	0°♏	
evening rise	-3477 Nov 23 j 04:01	13°♏47'45	
	-3477 Dec 02 j 18:16	0°♐	
evening max el	-3477 Dec 11 j 08:19	11°♐51'59	18°15'57
asc. node	-3477 Dec 12 j 03:16	12°♐37'44	
retrograde	-3477 Dec 17 j 21:11	15°♐23'42	
evening set	-3477 Dec 20 j 17:41	14°♐41'03	
inferior conj	-3477 Dec 26 j 21:59	9°♐18'44	3°45'51
minimum elong	-3477 Dec 26 j 19:33	9°♐25'23	3°45'23
min. Earth dist.	-3477 Dec 29 j 08:05	6°♐40'03	0.63422 AU
morning rise	-3476 Jan 01 j 20:47	3°♐20'29	
direct	-3476 Jan 08 j 21:44	0°♐33'43	
morning max el	-3476 Jan 22 j 15:03	8°♐18'40	27°37'59
desc. node	-3476 Jan 23 j 06:20	8°♐57'00	
	-3476 Feb 08 j 11:12	0°♑	
	-3476 Feb 25 j 12:25	0°♒	
morning set	-3476 Feb 26 j 01:20	1°♒04'14	
max. Earth dist.	-3476 Mar 02 j 08:27	11°♒58'22	1.33249 AU
superior conj	-3476 Mar 04 j 17:32	17°♒02'18	-0°44'22
minimum elong	-3476 Mar 04 j 19:30	17°♒12'52	0°44'04
asc. node	-3476 Mar 09 j 02:36	26°♒27'38	
	-3476 Mar 10 j 18:21	0°♓	
evening rise	-3476 Mar 11 j 20:26	2°♓17'50	
	-3476 Mar 27 j 07:02	0°♈	
evening max el	-3476 Apr 03 j 19:27	8°♈54'26	23°11'35
retrograde	-3476 Apr 17 j 05:45	15°♈32'31	
desc. node	-3476 Apr 20 j 05:13	15°♈13'01	
evening set	-3476 Apr 20 j 17:47	15°♈05'42	
min. Earth dist.	-3476 Apr 28 j 06:02	11°♈43'28	0.55758 AU
inferior conj	-3476 Apr 29 j 23:07	10°♈43'15	-2°33'35
minimum elong	-3476 Apr 29 j 17:13	10°♈51'55	2°31'52
morning rise	-3476 May 08 j 19:07	6°♈45'40	
direct	-3476 May 11 j 08:09	6°♈29'58	
morning max el	-3476 May 22 j 00:58	11°♈28'42	20°25'03
	-3476 Jun 04 j 00:18	0°♉	
asc. node	-3476 Jun 05 j 02:07	2°♉01'04	
morning set	-3476 Jun 09 j 16:19	11°♉06'05	
superior conj	-3476 Jun 17 j 09:14	26°♉54'02	1°38'40
minimum elong	-3476 Jun 17 j 06:58	26°♉42'34	1°38'36
	-3476 Jun 18 j 22:11	0°♊	
max. Earth dist.	-3476 Jun 22 j 05:46	6°♊32'02	1.36245 AU
evening rise	-3476 Jun 26 j 08:02	14°♊17'05	
	-3476 Jul 05 j 07:33	0°♋	
desc. node	-3476 Jul 17 j 04:13	18°♋11'57	
	-3476 Jul 26 j 04:37	0°♌	
evening max el	-3476 Aug 01 j 02:42	6°♌27'23	26°06'19
retrograde	-3476 Aug 13 j 15:34	13°♌36'12	
evening set	-3476 Aug 19 j 23:40	10°♌55'12	
min. Earth dist.	-3476 Aug 24 j 04:09	6°♌23'02	0.66418 AU
inferior conj	-3476 Aug 25 j 12:31	4°♌41'38	-2°07'19
minimum elong	-3476 Aug 25 j 15:26	4°♌32'29	2°06'08
	-3476 Aug 29 j 17:26	30°℞♋	
morning rise	-3476 Aug 31 j 07:22	28°♋49'14	
asc. node	-3476 Sep 01 j 01:19	28°♋25'04	
direct	-3476 Sep 03 j 11:51	27°♋50'51	
	-3476 Sep 08 j 12:13	0°♌	
morning max el	-3476 Sep 10 j 10:34	1°♌46'09	19°01'39
	-3476 Sep 30 j 00:13	0°♍	
morning set	-3476 Oct 02 j 15:05	4°♍07'55	
desc. node	-3476 Oct 13 j 03:48	20°♍42'40	
max. Earth dist.	-3476 Oct 17 j 14:23	27°♍42'21	1.44748 AU
superior conj	-3476 Oct 19 j 01:15	29°♍59'56	-0°36'57
minimum elong	-3476 Oct 18 j 20:33	29°♍41'24	0°36'21
	-3476 Oct 19 j 01:16	0°♎	
evening rise	-3476 Nov 03 j 09:11	24°♎33'06	
	-3476 Nov 06 j 17:28	0°♏	
evening max el	-3476 Nov 23 j 20:16	25°♏15'42	18°42'07
asc. node	-3476 Nov 28 j 00:20	28°♏26'17	
retrograde	-3476 Nov 30 j 13:24	29°♏01'42	
evening set	-3476 Dec 03 j 15:01	28°♏08'30	
inferior conj	-3476 Dec 09 j 11:31	22°♏28'26	3°16'40
minimum elong	-3476 Dec 09 j 08:27	22°♏37'42	3°15'50
min. Earth dist.	-3476 Dec 11 j 06:42	20°♏18'50	0.64924 AU
morning rise	-3476 Dec 15 j 01:31	16°♏22'24	
direct	-3476 Dec 21 j 19:17	13°♏31'05	
morning max el	-3475 Jan 04 j 00:28	21°♏09'00	27°03'09
desc. node	-3475 Jan 09 j 03:23	26°♏46'14	
	-3475 Jan 11 j 18:21	0°♐	
	-3475 Jan 31 j 13:53	0°♑	
morning set	-3475 Feb 08 j 15:08	14°♑47'03	
max. Earth dist.	-3475 Feb 13 j 05:15	23°♑53'11	1.34216 AU
	-3475 Feb 16 j 04:28	0°♒	
superior conj	-3475 Feb 16 j 21:10	1°♒27'17	-1°08'14
minimum elong	-3475 Feb 17 j 00:01	1°♒42'12	1°07'52
asc. node	-3475 Feb 23 j 23:37	16°♒25'49	
evening rise	-3475 Feb 24 j 06:42	17°♒02'42	
	-3475 Mar 02 j 19:36	0°♓	
evening max el	-3475 Mar 16 j 15:57	19°♓44'51	21°39'31
retrograde	-3475 Mar 28 j 21:23	25°♓39'04	
evening set	-3475 Mar 31 j 11:42	25°♓23'54	
desc. node	-3475 Apr 07 j 02:20	22°♓51'58	
inferior conj	-3475 Apr 09 j 20:05	21°♓21'35	-0°45'42

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3475 Apr 09 j 17:57	21°♓24'35	0°44'59
min. Earth dist.	-3475 Apr 09 j 19:45	21°♓22'05	0.55152 AU
morning rise	-3475 Apr 19 j 00:49	17°♓20'39	
direct	-3475 Apr 21 j 21:11	17°♓02'45	
morning max el	-3475 May 04 j 05:09	22°♓53'59	21°50'44
	-3475 May 10 j 09:25	0°♈	
asc. node	-3475 May 22 j 23:09	21°♈38'29	
morning set	-3475 May 25 j 01:29	25°♈56'03	
	-3475 May 27 j 00:13	0°♉	
superior conj	-3475 Jun 01 j 09:31	11°♉21'02	1°24'15
minimum elong	-3475 Jun 01 j 06:52	11°♉07'07	1°23'59
max. Earth dist.	-3475 Jun 04 j 20:42	18°♉30'27	1.34787 AU
evening rise	-3475 Jun 09 j 12:38	27°♉45'10	
	-3475 Jun 10 j 16:49	0°♊	
	-3475 Jun 28 j 13:23	0°♋	
desc. node	-3475 Jul 04 j 01:16	7°♋40'28	
evening max el	-3475 Jul 14 j 14:10	19°♋54'44	26°57'19
retrograde	-3475 Jul 27 j 18:05	27°♋14'37	
evening set	-3475 Aug 03 j 14:19	24°♋26'45	
min. Earth dist.	-3475 Aug 07 j 11:18	20°♋32'57	0.65396 AU
inferior conj	-3475 Aug 09 j 08:47	18°♋20'51	-2°55'35
minimum elong	-3475 Aug 09 j 12:30	18°♋10'01	2°54'19
morning rise	-3475 Aug 15 j 11:06	12°♋42'09	
direct	-3475 Aug 18 j 08:31	11°♋56'09	
asc. node	-3475 Aug 18 j 22:24	11°♋57'59	
morning max el	-3475 Aug 24 j 22:43	15°♋32'34	18°22'27
	-3475 Sep 04 j 09:04	0°♌	
morning set	-3475 Sep 13 j 04:35	14°♌22'14	
	-3475 Sep 22 j 19:55	0°♍	
superior conj	-3475 Sep 28 j 01:13	8°♍18'47	0°12'38
minimum elong	-3475 Sep 28 j 02:50	8°♍25'12	0°12'28
behind sun begin	-3475 Sep 27 j 19:33	7°♍56'22	
behind sun end	-3475 Sep 28 j 10:07	8°♍54'01	
desc. node	-3475 Sep 30 j 00:46	11°♍26'44	
max. Earth dist.	-3475 Sep 30 j 08:55	11°♍58'53	1.44790 AU
	-3475 Oct 11 j 20:20	0°♎	
evening rise	-3475 Oct 14 j 13:33	4°♎15'27	
greatest brilliancy	-3475 Oct 25 j 07:08	20°♎59'11	-0.8m
	-3475 Oct 31 j 08:06	0°♏	
evening max el	-3475 Nov 07 j 05:03	8°♏42'05	19°25'16
retrograde	-3475 Nov 14 j 09:32	12°♏51'20	
asc. node	-3475 Nov 14 j 21:23	12°♏49'56	
evening set	-3475 Nov 17 j 18:06	11°♏45'33	
inferior conj	-3475 Nov 23 j 08:49	5°♏50'48	2°37'44
minimum elong	-3475 Nov 23 j 05:49	6°♏00'25	2°36'44
min. Earth dist.	-3475 Nov 24 j 14:10	4°♏16'19	0.66054 AU
	-3475 Nov 28 j 08:14	30°℞♎	
morning rise	-3475 Nov 28 j 17:19	29°♎39'14	
direct	-3475 Dec 04 j 22:47	26°♎55'51	
	-3475 Dec 12 j 13:02	0°♏	
morning max el	-3475 Dec 17 j 10:05	4°♏16'14	26°01'53
desc. node	-3475 Dec 27 j 00:26	15°♏32'08	
	-3474 Jan 06 j 04:11	0°♐	
morning set	-3474 Jan 22 j 15:15	27°♐44'17	
	-3474 Jan 23 j 20:22	0°♑	
max. Earth dist.	-3474 Jan 26 j 14:33	5°♑15'22	1.35625 AU
superior conj	-3474 Jan 31 j 17:46	15°♑26'18	-1°29'23
minimum elong	-3474 Jan 31 j 21:00	15°♑42'43	1°29'07
	-3474 Feb 07 j 19:46	0°♒	
evening rise	-3474 Feb 08 j 13:43	1°♒32'01	
asc. node	-3474 Feb 10 j 20:39	6°♒09'45	
	-3474 Feb 25 j 19:52	0°♓	
evening max el	-3474 Feb 26 j 21:50	1°♓04'50	20°19'29
retrograde	-3474 Mar 09 j 12:12	6°♓07'23	
evening set	-3474 Mar 11 j 18:54	5°♓54'23	
inferior conj	-3474 Mar 20 j 17:05	1°♓55'39	1°10'07
minimum elong	-3474 Mar 20 j 20:05	1°♓51'11	1°09'03
min. Earth dist.	-3474 Mar 22 j 09:51	0°♓55'22	0.55478 AU
	-3474 Mar 24 j 00:43	30°℞♒	
desc. node	-3474 Mar 24 j 23:26	29°♒29'34	
morning rise	-3474 Mar 29 j 19:38	27°♒33'03	
direct	-3474 Apr 02 j 10:48	27°♒04'16	
	-3474 Apr 11 j 08:11	0°♓	
morning max el	-3474 Apr 16 j 00:23	3°♓44'27	23°28'10
	-3474 May 04 j 02:35	0°♈	
morning set	-3474 May 09 j 13:03	10°♈55'32	
asc. node	-3474 May 09 j 20:11	11°♈32'59	
superior conj	-3474 May 16 j 15:42	26°♈07'20	1°05'39
minimum elong	-3474 May 16 j 13:15	25°♈54'10	1°05'18
	-3474 May 18 j 11:23	0°♉	
max. Earth dist.	-3474 May 18 j 21:18	0°♉52'27	1.33701 AU
evening rise	-3474 May 24 j 05:23	11°♉51'21	
	-3474 Jun 02 j 23:18	0°♊	
desc. node	-3474 Jun 20 j 22:18	26°♊27'39	
	-3474 Jun 24 j 00:23	0°♋	
evening max el	-3474 Jun 27 j 00:55	3°♋06'01	27°23'11
retrograde	-3474 Jul 10 j 15:06	10°♋29'44	
evening set	-3474 Jul 17 j 18:25	7°♋46'22	
min. Earth dist.	-3474 Jul 21 j 09:44	4°♋27'35	0.63993 AU
inferior conj	-3474 Jul 23 j 21:09	1°♋50'44	-3°37'21
minimum elong	-3474 Jul 24 j 01:01	1°♋40'31	3°36'21
	-3474 Jul 25 j 16:08	30°℞♊	
morning rise	-3474 Jul 30 j 08:25	26°♊28'51	
direct	-3474 Aug 02 j 00:59	25°♊52'21	
asc. node	-3474 Aug 05 j 19:30	27°♊03'55	
morning max el	-3474 Aug 08 j 13:28	29°♊18'31	18°00'27
	-3474 Aug 09 j 05:27	0°♋	
morning set	-3474 Aug 25 j 20:33	25°♋52'06	
	-3474 Aug 28 j 06:25	0°♌	
superior conj	-3474 Sep 07 j 16:39	17°♌26'05	0°56'46
minimum elong	-3474 Sep 07 j 22:08	17°♌48'27	0°56'12
max. Earth dist.	-3474 Sep 13 j 01:35	26°♌06'15	1.44116 AU
	-3474 Sep 15 j 12:26	0°♍	
desc. node	-3474 Sep 16 j 21:42	2°♍11'17	
evening rise	-3474 Sep 23 j 22:17	13°♍08'16	
	-3474 Oct 04 j 23:57	0°♎	
evening max el	-3474 Oct 21 j 08:41	22°♎08'06	20°23'30
retrograde	-3474 Oct 29 j 06:53	26°♎48'12	
asc. node	-3474 Nov 01 j 18:28	25°♎38'00	
evening set	-3474 Nov 02 j 00:31	25°♎27'25	
inferior conj	-3474 Nov 07 j 11:14	19°♎21'26	1°52'04
minimum elong	-3474 Nov 07 j 08:52	19°♎29'23	1°51'09
min. Earth dist.	-3474 Nov 08 j 04:22	18°♎23'38	0.66837 AU
morning rise	-3474 Nov 12 j 17:01	13°♎06'45	
direct	-3474 Nov 18 j 07:46	10°♎39'34	
morning max el	-3474 Nov 29 j 18:47	17°♎29'12	24°43'07
	-3474 Dec 10 j 06:33	0°♏	
desc. node	-3474 Dec 13 j 21:25	4°♏57'21	
	-3474 Dec 30 j 04:51	0°♐	
morning set	-3473 Jan 04 j 20:06	9°♐39'11	
max. Earth dist.	-3473 Jan 08 j 13:28	16°♐20'26	1.37439 AU
superior conj	-3473 Jan 15 j 04:01	28°♐49'11	-1°45'53
minimum elong	-3473 Jan 15 j 06:47	29°♐02'37	1°45'49
	-3473 Jan 15 j 18:33	0°♑	
evening rise	-3473 Jan 23 j 15:14	15°♑38'12	
asc. node	-3473 Jan 28 j 17:40	25°♑32'56	
	-3473 Jan 31 j 04:43	0°♒	
evening max el	-3473 Feb 09 j 14:22	13°♒00'45	19°17'09

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3473 Feb 18 j 13:48	17°♒17'30	
evening set	-3473 Feb 20 j 21:51	17°♒01'24	
inferior conj	-3473 Mar 01 j 03:12	12°♒51'57	2°42'54
minimum elong	-3473 Mar 01 j 08:08	12°♒43'40	2°41'33
min. Earth dist.	-3473 Mar 04 j 01:00	10°♒55'36	0.56662 AU
morning rise	-3473 Mar 09 j 15:40	7°♒58'37	
desc. node	-3473 Mar 11 j 20:33	7°♒20'54	
direct	-3473 Mar 14 j 11:31	7°♒04'46	
morning max el	-3473 Mar 28 j 15:23	14°♒19'01	25°05'53
	-3473 Apr 10 j 00:09	0°♓	
morning set	-3473 Apr 24 j 01:14	25°♓57'35	
	-3473 Apr 25 j 22:54	0°♈	
asc. node	-3473 Apr 26 j 17:12	1°♈38'13	
superior conj	-3473 May 01 j 01:30	11°♈04'30	0°44'02
minimum elong	-3473 Apr 30 j 23:40	10°♈54'35	0°43'42
max. Earth dist.	-3473 May 02 j 05:27	13°♈36'11	1.32977 AU
evening rise	-3473 May 08 j 06:35	26°♈23'21	
	-3473 May 10 j 01:26	0°♉	
	-3473 May 27 j 09:57	0°♊	
desc. node	-3473 Jun 07 j 19:22	14°♊16'01	
evening max el	-3473 Jun 09 j 09:01	15°♊49'27	27°18'35
retrograde	-3473 Jun 23 j 05:59	23°♊12'17	
evening set	-3473 Jun 30 j 08:12	20°♊47'36	
min. Earth dist.	-3473 Jul 03 j 22:24	17°♊54'52	0.62233 AU
inferior conj	-3473 Jul 06 j 22:41	15°♊05'02	-4°08'27
minimum elong	-3473 Jul 07 j 01:35	14°♊58'11	4°07'56
morning rise	-3473 Jul 13 j 20:18	10°♊02'35	
direct	-3473 Jul 16 j 10:02	9°♊33'09	
morning max el	-3473 Jul 23 j 04:05	12°♊58'07	17°56'42
asc. node	-3473 Jul 23 j 16:35	13°♊29'41	
	-3473 Aug 03 j 17:19	0°♋	
morning set	-3473 Aug 08 j 10:06	8°♋24'16	
superior conj	-3473 Aug 19 j 11:06	27°♋53'59	1°27'38
minimum elong	-3473 Aug 19 j 16:04	28°♋15'17	1°27'19
	-3473 Aug 20 j 16:39	0°♌	
max. Earth dist.	-3473 Aug 26 j 13:56	9°♌48'22	1.42825 AU
evening rise	-3473 Sep 03 j 03:48	21°♌55'30	
desc. node	-3473 Sep 03 j 18:39	22°♌53'36	
	-3473 Sep 08 j 09:07	0°♍	
	-3473 Sep 29 j 09:46	0°♎	
evening max el	-3473 Oct 04 j 06:20	5°♎34'02	21°33'56
retrograde	-3473 Oct 13 j 03:23	10°♎50'17	
evening set	-3473 Oct 17 j 08:22	9°♎12'06	
asc. node	-3473 Oct 19 j 15:34	6°♎56'29	
inferior conj	-3473 Oct 22 j 16:42	2°♎58'22	1°01'57
minimum elong	-3473 Oct 22 j 15:18	3°♎03'11	1°01'22
min. Earth dist.	-3473 Oct 22 j 22:55	2°♎36'57	0.67299 AU
	-3473 Oct 24 j 21:44	30°℞♍	
morning rise	-3473 Oct 27 j 22:04	26°♍43'20	
direct	-3473 Nov 01 j 21:38	24°♍36'46	
	-3473 Nov 11 j 10:06	0°♎	
morning max el	-3473 Nov 12 j 04:07	0°♎44'40	23°16'48
desc. node	-3473 Nov 30 j 18:23	24°♎50'49	
	-3473 Dec 04 j 05:26	0°♏	
morning set	-3473 Dec 16 j 23:31	20°♏16'08	
max. Earth dist.	-3473 Dec 21 j 08:47	27°♏44'31	1.39498 AU
	-3473 Dec 22 j 15:49	0°♐	
superior conj	-3473 Dec 28 j 23:47	11°♐25'22	-1°54'59
minimum elong	-3473 Dec 29 j 00:46	11°♐29'53	1°55'05
evening rise	-3472 Jan 07 j 08:38	29°♐14'52	
	-3472 Jan 07 j 18:01	0°♑	
asc. node	-3472 Jan 15 j 14:41	14°♑28'34	
evening max el	-3472 Jan 23 j 16:07	25°♑29'33	18°34'33
retrograde	-3472 Jan 31 j 09:18	29°♑15'06	

evening set	-3472 Feb 02 j 21:02	28°♑53'00	
inferior conj	-3472 Feb 10 j 09:12	24°♑24'33	3°38'44
minimum elong	-3472 Feb 10 j 12:33	24°♑18'00	3°38'08
min. Earth dist.	-3472 Feb 13 j 18:26	21°♑47'27	0.58439 AU
morning rise	-3472 Feb 18 j 01:41	19°♑04'29	
direct	-3472 Feb 24 j 01:38	17°♑33'37	
desc. node	-3472 Feb 26 j 17:39	17°♑51'21	
morning max el	-3472 Mar 09 j 08:08	25°♑05'31	26°28'53
	-3472 Mar 13 j 21:13	0°♒	
	-3472 Apr 02 j 01:51	0°♓	
morning set	-3472 Apr 07 j 12:23	10°♓56'12	
asc. node	-3472 Apr 12 j 14:11	21°♓49'39	
superior conj	-3472 Apr 14 j 13:01	26°♓05'50	0°20'20
minimum elong	-3472 Apr 14 j 12:08	26°♓00'57	0°20'08
max. Earth dist.	-3472 Apr 14 j 18:02	26°♓33'16	1.32603 AU
	-3472 Apr 16 j 07:52	0°♈	
evening rise	-3472 Apr 21 j 13:24	11°♈11'39	
	-3472 May 01 j 07:21	0°♉	
evening max el	-3472 May 21 j 12:08	27°♉54'17	26°41'06
	-3472 May 23 j 20:23	0°♊	
desc. node	-3472 May 24 j 16:28	0°♊40'32	
retrograde	-3472 Jun 04 j 13:06	5°♊13'19	
evening set	-3472 Jun 11 j 03:24	3°♊20'40	
min. Earth dist.	-3472 Jun 15 j 01:35	0°♊39'26	0.60236 AU
	-3472 Jun 15 j 21:19	30°℞♉	
inferior conj	-3472 Jun 18 j 09:49	27°♉54'44	-4°22'24
minimum elong	-3472 Jun 18 j 10:17	27°♉53'45	4°22'18
morning rise	-3472 Jun 25 j 19:11	23°♉13'37	
direct	-3472 Jun 28 j 07:43	22°♉49'31	
morning max el	-3472 Jul 05 j 15:41	26°♉23'18	18°12'10
	-3472 Jul 08 j 19:59	0°♊	
asc. node	-3472 Jul 09 j 13:39	0°♊59'05	
morning set	-3472 Jul 21 j 15:41	21°♊43'53	
	-3472 Jul 26 j 01:25	0°♋	
superior conj	-3472 Jul 31 j 07:47	9°♋40'11	1°44'18
minimum elong	-3472 Jul 31 j 10:15	9°♋51'17	1°44'19
max. Earth dist.	-3472 Aug 07 j 21:02	22°♋52'58	1.41090 AU
	-3472 Aug 12 j 03:31	0°♌	
evening rise	-3472 Aug 13 j 01:15	1°♌28'43	
desc. node	-3472 Aug 20 j 15:39	13°♌29'53	
	-3472 Aug 31 j 19:48	0°♍	
evening max el	-3472 Sep 15 j 22:20	19°♍00'17	22°52'20
retrograde	-3472 Sep 25 j 21:31	24°♍54'45	
evening set	-3472 Sep 30 j 15:52	22°♍57'21	
inferior conj	-3472 Oct 05 j 23:22	16°♍39'18	0°09'10
minimum elong	-3472 Oct 05 j 23:09	16°♍40'03	0°09'06
transit middle	-3472 Oct 05 j 23:09	16°♍40'03	0°09'06
transit begin	-3472 Oct 05 j 20:54	16°♍47'46	
transit end	-3472 Oct 06 j 01:23	16°♍32'19	
asc. node	-3472 Oct 05 j 12:41	17°♍16'05	
min. Earth dist.	-3472 Oct 05 j 19:16	16°♍53'25	0.67460 AU
morning rise	-3472 Oct 11 j 06:18	10°♍26'50	
direct	-3472 Oct 15 j 15:26	8°♍42'01	
morning max el	-3472 Oct 24 j 17:25	14°♍04'57	21°51'56
	-3472 Nov 06 j 08:34	0°♎	
desc. node	-3472 Nov 16 j 15:21	15°♎03'56	
morning set	-3472 Nov 25 j 22:01	29°♎28'58	
	-3472 Nov 26 j 05:47	0°♏	
max. Earth dist.	-3472 Dec 02 j 08:28	9°♏57'59	1.41527 AU
superior conj	-3472 Dec 09 j 23:43	23°♏00'44	-1°53'10
minimum elong	-3472 Dec 09 j 21:24	22°♏50'33	1°53'11
	-3472 Dec 13 j 22:02	0°♐	
evening rise	-3472 Dec 20 j 14:37	12°♐14'20	
	-3472 Dec 30 j 15:40	0°♑	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3471 Jan 01 j 11:44	2°♑47'38	
evening max el	-3471 Jan 06 j 00:20	8°♑22'46	18°12'01
retrograde	-3471 Jan 12 j 22:44	11°♑52'59	
evening set	-3471 Jan 15 j 13:43	11°♑23'39	
inferior conj	-3471 Jan 22 j 11:11	6°♑33'23	4°00'29
minimum elong	-3471 Jan 22 j 11:47	6°♑32'01	4°00'19
min. Earth dist.	-3471 Jan 25 j 17:05	3°♑38'32	0.60449 AU
morning rise	-3471 Jan 29 j 08:19	0°♑54'08	
	-3471 Jan 30 j 23:21	30°℞♐	
direct	-3471 Feb 05 j 02:47	28°♐45'29	
	-3471 Feb 10 j 11:31	0°♑	
desc. node	-3471 Feb 12 j 14:44	1°♑07'04	
morning max el	-3471 Feb 19 j 06:40	6°♑26'01	27°23'56
	-3471 Mar 08 j 24:00	0°♒	
morning set	-3471 Mar 22 j 20:43	25°♒45'02	
	-3471 Mar 24 j 21:25	0°♓	
max. Earth dist.	-3471 Mar 29 j 07:19	9°♓30'55	1.32566 AU
superior conj	-3471 Mar 30 j 00:38	11°♓05'28	-0°04'38
minimum elong	-3471 Mar 30 j 00:50	11°♓06'37	0°04'38
behind sun begin	-3471 Mar 29 j 20:00	10°♓40'11	
behind sun end	-3471 Mar 30 j 05:40	11°♓33'02	
asc. node	-3471 Mar 30 j 11:12	12°♓03'16	
evening rise	-3471 Apr 05 j 23:37	26°♓08'17	
	-3471 Apr 07 j 20:13	0°♈	
	-3471 Apr 25 j 08:31	0°♉	
evening max el	-3471 May 03 j 08:53	9°♉16'53	25°33'42
desc. node	-3471 May 11 j 13:35	15°♉08'25	
retrograde	-3471 May 17 j 10:35	16°♉29'08	
evening set	-3471 May 23 j 00:58	15°♉14'58	
min. Earth dist.	-3471 May 27 j 21:09	12°♉28'35	0.58218 AU
inferior conj	-3471 May 31 j 03:02	10°♉10'23	-4°10'00
minimum elong	-3471 May 30 j 23:53	10°♉16'00	4°09'36
morning rise	-3471 Jun 08 j 01:34	5°♉50'50	
direct	-3471 Jun 10 j 13:45	5°♉30'59	
morning max el	-3471 Jun 18 j 21:26	9°♉25'58	18°47'43
asc. node	-3471 Jun 26 j 10:42	19°♉18'13	
	-3471 Jul 02 j 10:31	0°♊	
morning set	-3471 Jul 05 j 08:54	5°♊39'42	
superior conj	-3471 Jul 14 j 01:22	22°♊30'30	1°48'59
minimum elong	-3471 Jul 14 j 01:22	22°♊30'28	1°49'07
	-3471 Jul 18 j 01:53	0°♋	
max. Earth dist.	-3471 Jul 20 j 23:54	5°♋15'45	1.39142 AU
evening rise	-3471 Jul 25 j 00:11	12°♋15'28	
	-3471 Aug 04 j 22:37	0°♌	
desc. node	-3471 Aug 07 j 12:41	3°♌56'04	
	-3471 Aug 27 j 01:37	0°♍	
evening max el	-3471 Aug 29 j 10:29	2°♍28'53	24°12'48
retrograde	-3471 Sep 09 j 12:12	8°♍59'05	
evening set	-3471 Sep 14 j 21:17	6°♍42'16	
min. Earth dist.	-3471 Sep 19 j 15:01	1°♍12'09	0.67315 AU
inferior conj	-3471 Sep 20 j 05:31	0°♍23'13	-0°44'36
minimum elong	-3471 Sep 20 j 06:34	0°♍19'40	0°44'05
	-3471 Sep 20 j 12:24	30°℞♌	
asc. node	-3471 Sep 22 j 09:48	27°♌32'21	
morning rise	-3471 Sep 25 j 15:49	24°♌16'14	
direct	-3471 Sep 29 j 12:04	22°♌51'53	
morning max el	-3471 Oct 07 j 13:29	27°♌34'18	20°35'23
	-3471 Oct 09 j 18:47	0°♍	
	-3471 Oct 30 j 22:05	0°♎	
desc. node	-3471 Nov 03 j 12:19	5°♎31'13	
morning set	-3471 Nov 04 j 23:07	7°♎45'59	
max. Earth dist.	-3471 Nov 14 j 15:53	23°♎06'13	1.43233 AU
	-3471 Nov 18 j 21:23	0°♏	
superior conj	-3471 Nov 20 j 22:18	3°♏22'32	-1°36'31
minimum elong	-3471 Nov 20 j 16:13	2°♏57'15	1°36'06
evening rise	-3471 Dec 03 j 05:13	24°♏28'51	
	-3471 Dec 06 j 08:34	0°♐	
asc. node	-3471 Dec 19 j 08:48	20°♐19'12	
evening max el	-3471 Dec 20 j 12:05	21°♐32'24	18°09'03
retrograde	-3471 Dec 27 j 02:01	25°♐00'41	
evening set	-3471 Dec 29 j 20:13	24°♐23'15	
inferior conj	-3470 Jan 05 j 05:59	19°♐11'53	3°56'35
minimum elong	-3470 Jan 05 j 04:22	19°♐16'02	3°56'19
min. Earth dist.	-3470 Jan 08 j 00:16	16°♐22'05	0.62398 AU
morning rise	-3470 Jan 11 j 11:37	13°♐19'12	
direct	-3470 Jan 18 j 12:56	10°♐42'20	
desc. node	-3470 Jan 30 j 11:48	16°♐36'02	
morning max el	-3470 Feb 01 j 11:23	18°♐27'28	27°43'27
	-3470 Feb 11 j 06:08	0°♑	
	-3470 Mar 01 j 18:12	0°♒	
morning set	-3470 Mar 07 j 00:03	10°♒15'39	
max. Earth dist.	-3470 Mar 12 j 17:16	22°♒13'38	1.32884 AU
superior conj	-3470 Mar 14 j 10:35	25°♒56'25	-0°29'57
minimum elong	-3470 Mar 14 j 11:56	26°♒03'45	0°29'45
	-3470 Mar 16 j 07:29	0°♓	
asc. node	-3470 Mar 17 j 08:11	2°♓14'08	
evening rise	-3470 Mar 21 j 11:12	11°♓05'07	
	-3470 Mar 31 j 05:26	0°♈	
evening max el	-3470 Apr 15 j 00:53	20°♈06'25	24°05'55
desc. node	-3470 Apr 28 j 10:42	27°♈02'16	
retrograde	-3470 Apr 28 j 20:31	27°♈02'39	
evening set	-3470 May 03 j 02:43	26°♈22'14	
min. Earth dist.	-3470 May 09 j 12:24	23°♈16'23	0.56486 AU
inferior conj	-3470 May 12 j 00:04	21°♈43'42	-3°20'48
minimum elong	-3470 May 11 j 18:08	21°♈52'59	3°19'24
morning rise	-3470 May 20 j 12:38	17°♈41'28	
direct	-3470 May 23 j 00:40	17°♈24'58	
morning max el	-3470 Jun 01 j 18:34	21°♈56'03	19°43'47
	-3470 Jun 08 j 08:57	0°♉	
asc. node	-3470 Jun 13 j 07:44	8°♉14'38	
morning set	-3470 Jun 19 j 10:15	20°♉01'50	
	-3470 Jun 24 j 08:36	0°♊	
superior conj	-3470 Jun 27 j 10:13	6°♊08'13	1°44'30
minimum elong	-3470 Jun 27 j 08:31	5°♊59'51	1°44'31
max. Earth dist.	-3470 Jul 03 j 02:41	17°♊07'10	1.37235 AU
evening rise	-3470 Jul 06 j 23:49	24°♊15'01	
	-3470 Jul 10 j 05:59	0°♋	
desc. node	-3470 Jul 25 j 09:44	24°♋06'10	
	-3470 Jul 29 j 13:59	0°♌	
evening max el	-3470 Aug 11 j 21:11	16°♌00'08	25°28'16
retrograde	-3470 Aug 23 j 22:48	22°♌58'31	
evening set	-3470 Aug 29 j 22:47	20°♌24'40	
min. Earth dist.	-3470 Sep 03 j 07:48	15°♌30'53	0.66843 AU
inferior conj	-3470 Sep 04 j 09:23	14°♌07'59	-1°37'44
minimum elong	-3470 Sep 04 j 11:40	14°♌00'34	1°36'44
asc. node	-3470 Sep 09 j 06:54	8°♌41'38	
morning rise	-3470 Sep 10 j 00:41	8°♌09'30	
direct	-3470 Sep 13 j 10:10	7°♌02'44	
morning max el	-3470 Sep 20 j 16:56	11°♌12'57	19°31'32
	-3470 Oct 04 j 12:38	0°♍	
morning set	-3470 Oct 15 j 00:09	16°♍10'42	
desc. node	-3470 Oct 21 j 09:19	26°♍08'17	
	-3470 Oct 23 j 20:24	0°♎	
max. Earth dist.	-3470 Oct 28 j 05:38	6°♎55'02	1.44385 AU
superior conj	-3470 Oct 31 j 17:43	12°♎29'39	-1°02'53
minimum elong	-3470 Oct 31 j 10:52	12°♎02'15	1°02'07
	-3470 Nov 11 j 11:52	0°♏	
evening rise	-3470 Nov 14 j 23:54	5°♏49'43	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3470 Nov 30 j 00:39	0°♐	
evening max el	-3470 Dec 04 j 00:42	4°♐52'37	18°24'54
asc. node	-3470 Dec 06 j 05:53	6°♐50'02	
retrograde	-3470 Dec 10 j 14:39	8°♐29'40	
evening set	-3470 Dec 13 j 13:01	7°♐42'54	
inferior conj	-3470 Dec 19 j 13:44	2°♐12'39	3°34'55
minimum elong	-3470 Dec 19 j 10:55	2°♐20'42	3°34'17
min. Earth dist.	-3470 Dec 21 j 17:27	29°♏45'00	0.64096 AU
	-3470 Dec 21 j 12:06	30°℞♏	
morning rise	-3470 Dec 25 j 08:17	26°♏10'29	
direct	-3469 Jan 01 j 06:51	23°♏19'59	
	-3469 Jan 13 j 17:32	0°♐	
morning max el	-3469 Jan 14 j 20:02	1°♐03'59	27°27'01
desc. node	-3469 Jan 17 j 08:50	3°♐42'51	
	-3469 Feb 05 j 07:49	0°♑	
morning set	-3469 Feb 18 j 19:45	24°♑19'10	
	-3469 Feb 21 j 15:45	0°♒	
max. Earth dist.	-3469 Feb 23 j 19:45	4°♒27'46	1.33599 AU
superior conj	-3469 Feb 26 j 17:06	10°♒32'47	-0°54'43
minimum elong	-3469 Feb 26 j 19:30	10°♒45'28	0°54'23
asc. node	-3469 Mar 04 j 05:13	22°♒18'14	
evening rise	-3469 Mar 05 j 22:26	25°♒55'52	
	-3469 Mar 07 j 21:34	0°♓	
	-3469 Mar 26 j 22:11	0°♈	
evening max el	-3469 Mar 27 j 17:52	0°♈48'25	22°31'35
retrograde	-3469 Apr 09 j 18:11	7°♈10'24	
evening set	-3469 Apr 12 j 18:57	6°♈50'11	
desc. node	-3469 Apr 15 j 07:47	6°♈04'39	
min. Earth dist.	-3469 Apr 21 j 02:32	3°♈12'55	0.55385 AU
inferior conj	-3469 Apr 22 j 03:20	2°♈37'33	-1°50'57
minimum elong	-3469 Apr 21 j 22:32	2°♈44'24	1°49'25
	-3469 Apr 27 j 03:14	30°℞♓	
morning rise	-3469 May 01 j 04:00	28°♓40'44	
direct	-3469 May 03 j 18:43	28°♓24'58	
	-3469 May 10 j 00:11	0°♈	
morning max el	-3469 May 15 j 05:06	3°♈45'53	20°59'32
asc. node	-3469 May 31 j 04:46	27°♈39'12	
	-3469 Jun 01 j 09:16	0°♉	
morning set	-3469 Jun 03 j 17:09	4°♉43'15	
superior conj	-3469 Jun 11 j 05:51	20°♉20'18	1°33'10
minimum elong	-3469 Jun 11 j 03:20	20°♉07'22	1°33'00
max. Earth dist.	-3469 Jun 15 j 11:43	28°♉54'43	1.35580 AU
	-3469 Jun 16 j 00:57	0°♊	
evening rise	-3469 Jun 19 j 19:22	7°♊15'17	
	-3469 Jul 02 j 22:26	0°♋	
desc. node	-3469 Jul 12 j 06:47	13°♋52'41	
evening max el	-3469 Jul 25 j 08:16	29°♋31'05	26°30'36
	-3469 Jul 25 j 20:19	0°♌	
retrograde	-3469 Aug 07 j 04:32	6°♌46'35	
evening set	-3469 Aug 13 j 18:08	4°♌01'26	
	-3469 Aug 17 j 14:25	30°℞♋	
min. Earth dist.	-3469 Aug 17 j 19:14	29°♋45'36	0.66027 AU
inferior conj	-3469 Aug 19 j 09:03	27°♋50'28	-2°28'26
minimum elong	-3469 Aug 19 j 12:22	27°♋40'22	2°27'10
morning rise	-3469 Aug 25 j 06:54	22°♋03'29	
asc. node	-3469 Aug 27 j 04:00	21°♋18'37	
direct	-3469 Aug 28 j 07:58	21°♋10'55	
morning max el	-3469 Sep 04 j 02:26	24°♋57'31	18°42'50
	-3469 Sep 08 j 07:22	0°♌	
morning set	-3469 Sep 24 j 21:46	25°♌38'32	
	-3469 Sep 27 j 15:12	0°♍	
desc. node	-3469 Oct 08 j 06:17	16°♍50'46	
superior conj	-3469 Oct 10 j 18:55	20°♍49'38	-0°16'04
minimum elong	-3469 Oct 10 j 16:48	20°♍41'17	0°15'45
behind sun begin	-3469 Oct 10 j 13:46	20°♍29'19	
behind sun end	-3469 Oct 10 j 19:50	20°♍53'14	
max. Earth dist.	-3469 Oct 10 j 22:50	21°♍05'01	1.44853 AU
	-3469 Oct 16 j 14:37	0°♎	
evening rise	-3469 Oct 26 j 18:27	16°♎07'47	
	-3469 Nov 04 j 11:02	0°♏	
evening max el	-3469 Nov 17 j 11:32	18°♏17'52	18°58'32
asc. node	-3469 Nov 23 j 02:57	22°♏04'10	
retrograde	-3469 Nov 24 j 08:48	22°♏12'51	
evening set	-3469 Nov 27 j 13:04	21°♏14'45	
inferior conj	-3469 Dec 03 j 06:54	15°♏28'17	3°01'07
minimum elong	-3469 Dec 03 j 03:47	15°♏37'58	3°00'11
min. Earth dist.	-3469 Dec 04 j 20:07	13°♏32'52	0.65451 AU
morning rise	-3469 Dec 08 j 18:10	9°♏19'32	
direct	-3469 Dec 15 j 07:14	6°♏29'55	
morning max el	-3469 Dec 28 j 05:37	14°♏02'31	26°39'42
desc. node	-3468 Jan 04 j 05:51	21°♏58'33	
	-3468 Jan 10 j 06:59	0°♐	
	-3468 Jan 29 j 00:02	0°♑	
morning set	-3468 Feb 02 j 04:14	7°♑43'55	
max. Earth dist.	-3468 Feb 06 j 11:21	16°♑05'37	1.34757 AU
superior conj	-3468 Feb 10 j 18:02	24°♑47'23	-1°17'40
minimum elong	-3468 Feb 10 j 21:08	25°♑03'22	1°17'19
	-3468 Feb 13 j 06:07	0°♒	
evening rise	-3468 Feb 18 j 07:30	10°♒34'11	
asc. node	-3468 Feb 19 j 02:13	12°♒10'39	
	-3468 Feb 28 j 15:00	0°♓	
evening max el	-3468 Mar 08 j 18:01	11°♓49'31	21°03'39
retrograde	-3468 Mar 20 j 07:39	17°♓21'29	
evening set	-3468 Mar 22 j 16:58	17°♓08'13	
inferior conj	-3468 Mar 31 j 22:25	13°♓10'01	0°04'29
minimum elong	-3468 Mar 31 j 22:37	13°♓09'43	0°04'23
transit middle	-3468 Mar 31 j 22:37	13°♓09'43	0°04'23
transit begin	-3468 Mar 31 j 18:41	13°♓15'18	
transit end	-3468 Apr 01 j 02:33	13°♓04'08	
desc. node	-3468 Apr 01 j 04:51	13°♓00'52	
min. Earth dist.	-3468 Apr 01 j 16:37	12°♓44'10	0.55170 AU
morning rise	-3468 Apr 10 j 03:42	9°♓01'23	
direct	-3468 Apr 13 j 06:34	8°♓40'09	
morning max el	-3468 Apr 26 j 04:57	14°♓54'16	22°31'19
	-3468 May 07 j 18:50	0°♈	
asc. node	-3468 May 17 j 01:48	17°♈24'32	
morning set	-3468 May 18 j 03:33	19°♈37'52	
	-3468 May 23 j 01:06	0°♉	
superior conj	-3468 May 25 j 08:56	4°♉56'32	1°16'48
minimum elong	-3468 May 25 j 06:18	4°♉42'34	1°16'30
max. Earth dist.	-3468 May 28 j 06:46	11°♉02'12	1.34277 AU
evening rise	-3468 Jun 02 j 05:39	21°♉01'35	
	-3468 Jun 06 j 23:11	0°♊	
	-3468 Jun 25 j 19:12	0°♋	
desc. node	-3468 Jun 28 j 03:48	3°♋05'50	
evening max el	-3468 Jul 06 j 19:50	12°♋54'20	27°11'52
retrograde	-3468 Jul 20 j 04:54	20°♋16'32	
evening set	-3468 Jul 27 j 04:44	17°♋29'21	
min. Earth dist.	-3468 Jul 30 j 23:04	13°♋50'48	0.64843 AU
inferior conj	-3468 Aug 02 j 02:20	11°♋27'20	-3°14'19
minimum elong	-3468 Aug 02 j 06:13	11°♋16'26	3°13'07
morning rise	-3468 Aug 08 j 08:15	5°♋55'07	
direct	-3468 Aug 11 j 03:20	5°♋13'27	
asc. node	-3468 Aug 13 j 01:05	5°♋32'47	
morning max el	-3468 Aug 17 j 15:59	8°♋44'42	18°10'50
	-3468 Sep 01 j 02:25	0°♌	
morning set	-3468 Sep 04 j 23:06	6°♌27'21	
superior conj	-3468 Sep 18 j 23:11	29°♌23'11	0°32'39

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3468 Sep 19 j 03:01	29°♌38'31	0°32'13	
	-3468 Sep 19 j 08:24	0°♍		
max. Earth dist.	-3468 Sep 22 j 16:54	5°♍20'08	1.44594 AU	
desc. node	-3468 Sep 24 j 03:15	7°♍35'52		
evening rise	-3468 Oct 05 j 13:13	25°♍26'10		
	-3468 Oct 08 j 11:55	0°♎		
greatest brilliancy	-3468 Oct 18 j 07:13	15°♎00'39	-0.7m	
	-3468 Oct 29 j 04:06	0°♏		
evening max el	-3468 Oct 30 j 18:27	1°♏45'06	19°48'20	
retrograde	-3468 Nov 07 j 05:37	6°♏06'09		
asc. node	-3468 Nov 09 j 00:02	5°♏48'04		
evening set	-3468 Nov 10 j 17:49	4°♏54'18		
	-3468 Nov 15 j 10:38	30°℞♎		
inferior conj	-3468 Nov 16 j 06:39	28°♎54'35	2°19'01	
minimum elong	-3468 Nov 16 j 03:53	29°♎03'43	2°18'00	
min. Earth dist.	-3468 Nov 17 j 06:40	27°♎35'36	0.66441 AU	
morning rise	-3468 Nov 21 j 13:44	22°♎41'35		
direct	-3468 Nov 27 j 13:15	20°♎04'08		
morning max el	-3468 Dec 09 j 14:33	27°♎12'21	25°29'44	
	-3468 Dec 12 j 05:49	0°♏		
desc. node	-3468 Dec 21 j 02:53	11°♏02'58		
	-3467 Jan 02 j 22:49	0°♐		
morning set	-3467 Jan 14 j 20:49	20°♐16'12		
max. Earth dist.	-3467 Jan 18 j 15:32	27°♐16'12	1.36361 AU	
	-3467 Jan 20 j 01:57	0°♑		
superior conj	-3467 Jan 24 j 10:40	8°♑32'18	-1°37'07	
minimum elong	-3467 Jan 24 j 13:50	8°♑48'05	1°36'56	
evening rise	-3467 Feb 01 j 12:26	24°♑54'16		
	-3467 Feb 04 j 01:31	0°♒		
asc. node	-3467 Feb 04 j 23:14	1°♒46'23		
evening max el	-3467 Feb 19 j 04:31	23°♒24'35	19°50'34	
retrograde	-3467 Mar 01 j 01:13	28°♒05'43		
evening set	-3467 Mar 03 j 08:09	27°♒51'44		
inferior conj	-3467 Mar 11 j 23:32	23°♒49'59	1°53'41	
minimum elong	-3467 Mar 12 j 03:53	23°♒43'13	1°52'17	
min. Earth dist.	-3467 Mar 14 j 06:46	22°♒24'42	0.55891 AU	
desc. node	-3467 Mar 19 j 01:57	19°♒53'38		
morning rise	-3467 Mar 20 j 21:20	19°♒14'54		
direct	-3467 Mar 25 j 00:21	18°♒37'09		
morning max el	-3467 Apr 07 j 21:22	25°♒33'31	24°10'42	
	-3467 Apr 12 j 00:55	0°♓		
	-3467 Apr 30 j 09:36	0°♈		
morning set	-3467 May 02 j 15:34	4°♈38'59		
asc. node	-3467 May 03 j 22:47	7°♈23'59		
superior conj	-3467 May 09 j 16:51	19°♈47'55	0°56'47	
minimum elong	-3467 May 09 j 14:37	19°♈35'52	0°56'25	
max. Earth dist.	-3467 May 11 j 11:07	23°♈35'03	1.33346 AU	
	-3467 May 14 j 12:00	0°♉		
evening rise	-3467 May 17 j 02:21	5°♉19'57		
	-3467 May 30 j 14:36	0°♊		
desc. node	-3467 Jun 15 j 00:51	21°♊30'42		
evening max el	-3467 Jun 19 j 05:58	25°♊56'08	27°25'20	
	-3467 Jun 24 j 03:06	0°♋		
retrograde	-3467 Jul 02 j 23:07	3°♋18'59		
evening set	-3467 Jul 10 j 03:12	0°♋42'01		
	-3467 Jul 11 j 01:10	30°℞♊		
min. Earth dist.	-3467 Jul 13 j 17:24	27°♊35'43	0.63284 AU	
inferior conj	-3467 Jul 16 j 10:30	24°♊51'53	-3°52'09	
minimum elong	-3467 Jul 16 j 14:07	24°♊42'45	3°51'21	
morning rise	-3467 Jul 23 j 01:58	19°♊37'44		
direct	-3467 Jul 25 j 17:12	19°♊04'21		
asc. node	-3467 Jul 30 j 22:10	21°♊14'40		
morning max el	-3467 Aug 01 j 06:58	22°♊28'40	17°56'35	
	-3467 Aug 07 j 03:13	0°♋		
morning set	-3467 Aug 18 j 01:01	18°♋26'19		
	-3467 Aug 24 j 16:50	0°♌		
superior conj	-3467 Aug 30 j 01:34	9°♌03'19	1°11'39	
minimum elong	-3467 Aug 30 j 07:16	9°♌27'00	1°11'08	
max. Earth dist.	-3467 Sep 05 j 08:39	19°♌21'19	1.43643 AU	
desc. node	-3467 Sep 11 j 00:13	28°♌20'08		
	-3467 Sep 12 j 01:42	0°♍		
evening rise	-3467 Sep 14 j 18:11	4°♍10'50		
	-3467 Oct 01 j 23:37	0°♎		
evening max el	-3467 Oct 13 j 19:40	15°♎11'39	20°52'08	
retrograde	-3467 Oct 22 j 02:48	20°♎06'08		
evening set	-3467 Oct 26 j 01:07	18°♎38'01		
asc. node	-3467 Oct 26 j 21:08	17°♎56'32		
inferior conj	-3467 Oct 31 j 10:38	12°♎28'18	1°31'15	
minimum elong	-3467 Oct 31 j 08:39	12°♎35'04	1°30'25	
min. Earth dist.	-3467 Oct 31 j 22:56	11°♎46'21	0.67080 AU	
morning rise	-3467 Nov 05 j 16:01	6°♎13'24		
direct	-3467 Nov 11 j 00:17	3°♎54'51		
morning max el	-3467 Nov 21 j 23:17	10°♎26'55	24°06'44	
desc. node	-3467 Dec 07 j 23:54	0°♏41'45		
	-3467 Dec 07 j 12:13	0°♏		
	-3467 Dec 26 j 16:17	0°♐		
morning set	-3467 Dec 27 j 15:36	1°♐40'03		
max. Earth dist.	-3467 Dec 31 j 12:26	8°♐27'25	1.38306 AU	
superior conj	-3466 Jan 07 j 15:23	21°♐37'28	-1°50'51	
minimum elong	-3466 Jan 07 j 17:35	21°♐47'55	1°50'52	
	-3466 Jan 11 j 23:16	0°♑		
evening rise	-3466 Jan 16 j 10:54	8°♑49'38		
asc. node	-3466 Jan 22 j 20:16	20°♑59'22		
	-3466 Jan 28 j 09:10	0°♒		
evening max el	-3466 Feb 02 j 01:15	5°♒35'40	18°56'29	
retrograde	-3466 Feb 10 j 10:27	9°♒37'28		
evening set	-3466 Feb 12 j 20:04	9°♒19'00		
inferior conj	-3466 Feb 20 j 17:50	5°♒01'40	3°11'14	
minimum elong	-3466 Feb 20 j 22:24	4°♒53'29	3°10'10	
min. Earth dist.	-3466 Feb 23 j 22:24	2°♒45'49	0.57366 AU	
morning rise	-3466 Feb 28 j 22:07	29°♑56'12		
	-3466 Feb 28 j 18:31	30°℞♑		
desc. node	-3466 Mar 05 j 23:03	28°♑48'06		
direct	-3466 Mar 06 j 06:30	28°♑47'52		
	-3466 Mar 11 j 19:23	0°♒		
morning max el	-3466 Mar 20 j 12:33	6°♒10'37	25°44'02	
	-3466 Apr 06 j 22:41	0°♓		
morning set	-3466 Apr 17 j 03:32	19°♓40'56		
asc. node	-3466 Apr 20 j 19:48	27°♓32'47		
	-3466 Apr 21 j 22:52	0°♈		
superior conj	-3466 Apr 24 j 03:36	4°♈47'51	0°34'10	
minimum elong	-3466 Apr 24 j 02:09	4°♈39'54	0°33'53	
max. Earth dist.	-3466 Apr 24 j 21:47	6°♈27'00	1.32775 AU	
evening rise	-3466 May 01 j 06:17	20°♈00'07		
	-3466 May 06 j 06:45	0°♉		
	-3466 May 25 j 00:34	0°♊		
evening max el	-3466 Jun 01 j 12:05	8°♊23'39	27°06'34	
desc. node	-3466 Jun 01 j 21:55	8°♊46'53		
retrograde	-3466 Jun 15 j 10:41	15°♊44'59		
evening set	-3466 Jun 22 j 09:34	13°♊32'14		
min. Earth dist.	-3466 Jun 26 j 01:38	10°♊46'47	0.61406 AU	
inferior conj	-3466 Jun 29 j 06:19	7°♊56'32	-4°16'57	
minimum elong	-3466 Jun 29 j 08:23	7°♊51'55	4°16'39	
morning rise	-3466 Jul 06 j 08:47	3°♊03'16		
direct	-3466 Jul 08 j 21:58	2°♊36'11		
morning max el	-3466 Jul 15 j 20:40	6°♊03'08	18°00'58	
asc. node	-3466 Jul 17 j 19:14	8°♊09'17		
	-3466 Jul 31 j 04:30	0°♋		
morning set	-3466 Jul 31 j 21:58	1°♋20'05		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3466 Aug 11 j 07:42	20°♋06'11	1°36'20
minimum elong	-3466 Aug 11 j 11:42	20°♋23'41	1°36'11
	-3466 Aug 17 j 02:20	0°♌	
max. Earth dist.	-3466 Aug 18 j 19:00	2°♌49'33	1.42128 AU
evening rise	-3466 Aug 25 j 04:27	13°♌11'53	
desc. node	-3466 Aug 28 j 21:12	19°♌00'25	
	-3466 Sep 05 j 02:38	0°♍	
evening max el	-3466 Sep 26 j 14:40	28°♍37'14	22°06'32
	-3466 Sep 28 j 00:47	0°♎	
retrograde	-3466 Oct 05 j 22:35	4°♎10'02	
evening set	-3466 Oct 10 j 09:04	2°♎23'37	
	-3466 Oct 12 j 18:05	30°℞♍	
asc. node	-3466 Oct 13 j 18:16	28°♍44'54	
inferior conj	-3466 Oct 15 j 16:51	26°♍07'21	0°39'47
minimum elong	-3466 Oct 15 j 15:56	26°♍10'31	0°39'24
min. Earth dist.	-3466 Oct 15 j 18:33	26°♍01'28	0.67404 AU
morning rise	-3466 Oct 20 j 22:40	19°♍53'06	
direct	-3466 Oct 25 j 15:49	17°♍56'07	
morning max el	-3466 Nov 04 j 10:07	23°♍44'58	22°40'04
	-3466 Nov 09 j 21:50	0°♎	
desc. node	-3466 Nov 24 j 20:53	20°♎44'34	
	-3466 Nov 30 j 22:53	0°♏	
morning set	-3466 Dec 08 j 06:49	11°♏41'14	
max. Earth dist.	-3466 Dec 13 j 09:06	20°♏11'27	1.40382 AU
	-3466 Dec 19 j 00:18	0°♐	
superior conj	-3466 Dec 21 j 03:25	3°♐49'30	-1°55'47
minimum elong	-3466 Dec 21 j 03:10	3°♐48'21	1°55'54
evening rise	-3466 Dec 30 j 23:57	22°♐11'58	
	-3465 Jan 04 j 03:47	0°♑	
asc. node	-3465 Jan 09 j 17:19	9°♑41'04	
evening max el	-3465 Jan 16 j 06:03	18°♑15'49	18°22'28
retrograde	-3465 Jan 23 j 14:08	21°♑53'27	
evening set	-3465 Jan 26 j 03:07	21°♑28'33	
inferior conj	-3465 Feb 02 j 08:41	16°♑50'53	3°51'39
minimum elong	-3465 Feb 02 j 10:52	16°♑46'19	3°51'18
min. Earth dist.	-3465 Feb 05 j 17:54	14°♑03'05	0.59281 AU
morning rise	-3465 Feb 09 j 16:32	11°♑21'23	
direct	-3465 Feb 16 j 01:31	9°♑33'54	
desc. node	-3465 Feb 20 j 20:09	10°♑31'20	
morning max el	-3465 Mar 02 j 07:47	17°♑10'54	26°56'21
	-3465 Mar 12 j 22:38	0°♒	
	-3465 Mar 30 j 07:52	0°♓	
morning set	-3465 Apr 01 j 13:43	4°♓36'21	
asc. node	-3465 Apr 07 j 16:48	17°♓45'41	
superior conj	-3465 Apr 08 j 15:22	19°♓49'12	0°09'51
minimum elong	-3465 Apr 08 j 14:56	19°♓46'47	0°09'44
behind sun begin	-3465 Apr 08 j 10:58	19°♓25'06	
behind sun end	-3465 Apr 08 j 18:53	20°♓08'29	
max. Earth dist.	-3465 Apr 08 j 11:03	19°♓25'31	1.32543 AU
	-3465 Apr 13 j 07:38	0°♈	
evening rise	-3465 Apr 15 j 14:46	4°♈52'32	
	-3465 Apr 29 j 01:25	0°♉	
evening max el	-3465 May 14 j 12:14	20°♉09'06	26°15'35
desc. node	-3465 May 19 j 19:00	24°♉25'54	
retrograde	-3465 May 28 j 14:17	27°♉26'49	
evening set	-3465 Jun 03 j 19:46	25°♉50'04	
min. Earth dist.	-3465 Jun 08 j 01:09	23°♉08'42	0.59358 AU
inferior conj	-3465 Jun 11 j 10:10	20°♉32'18	-4°21'03
minimum elong	-3465 Jun 11 j 09:11	20°♉34'13	4°20'55
morning rise	-3465 Jun 19 j 01:01	16°♉00'53	
direct	-3465 Jun 21 j 13:13	15°♉38'49	
morning max el	-3465 Jun 29 j 06:11	19°♉20'01	18°24'53
asc. node	-3465 Jul 04 j 16:18	26°♉01'18	
	-3465 Jul 07 j 04:42	0°♊	
morning set	-3465 Jul 15 j 08:56	14°♊55'52	
	-3465 Jul 23 j 07:23	0°♋	
superior conj	-3465 Jul 24 j 14:00	2°♋21'45	1°47'35
minimum elong	-3465 Jul 24 j 15:21	2°♋27'56	1°47'41
max. Earth dist.	-3465 Jul 31 j 23:25	15°♋33'58	1.40261 AU
evening rise	-3465 Aug 05 j 12:14	23°♋14'40	
	-3465 Aug 09 j 15:37	0°♌	
desc. node	-3465 Aug 15 j 18:13	9°♌33'03	
	-3465 Aug 30 j 00:57	0°♍	
evening max el	-3465 Sep 09 j 04:38	12°♍04'12	23°26'44
retrograde	-3465 Sep 19 j 15:33	18°♍15'17	
evening set	-3465 Sep 24 j 15:56	16°♍09'37	
inferior conj	-3465 Sep 29 j 23:31	9°♍50'29	-0°13'36
minimum elong	-3465 Sep 29 j 23:50	9°♍49'24	0°13'25
transit middle	-3465 Sep 29 j 23:50	9°♍49'24	0°13'25
transit begin	-3465 Sep 29 j 22:17	9°♍54'42	
transit end	-3465 Sep 30 j 01:23	9°♍44'06	
min. Earth dist.	-3465 Sep 29 j 15:03	10°♍19'32	0.67427 AU
asc. node	-3465 Sep 30 j 15:22	8°♍56'20	
morning rise	-3465 Oct 05 j 07:40	3°♍39'46	
direct	-3465 Oct 09 j 11:00	2°♍03'59	
morning max el	-3465 Oct 18 j 02:07	7°♍09'29	21°18'04
	-3465 Nov 04 j 08:52	0°♎	
desc. node	-3465 Nov 11 j 17:53	11°♎04'49	
morning set	-3465 Nov 17 j 18:31	20°♎25'27	
	-3465 Nov 23 j 18:24	0°♏	
max. Earth dist.	-3465 Nov 25 j 11:32	2°♏47'44	1.42305 AU
superior conj	-3465 Dec 02 j 17:14	14°♏55'35	-1°48'08
minimum elong	-3465 Dec 02 j 13:14	14°♏38'26	1°48'00
	-3465 Dec 11 j 06:51	0°♐	
evening rise	-3465 Dec 13 j 23:59	4°♐53'53	
asc. node	-3465 Dec 27 j 14:23	27°♐41'56	
	-3465 Dec 29 j 11:04	0°♑	
evening max el	-3465 Dec 30 j 16:11	1°♑17'33	18°08'22
retrograde	-3464 Jan 06 j 09:51	4°♑45'18	
evening set	-3464 Jan 09 j 02:06	4°♑12'45	
	-3464 Jan 14 j 22:47	30°℞♐	
inferior conj	-3464 Jan 15 j 18:18	29°♐13'41	4°01'22
minimum elong	-3464 Jan 15 j 17:51	29°♐14'45	4°01'14
min. Earth dist.	-3464 Jan 18 j 20:06	26°♐18'05	0.61306 AU
morning rise	-3464 Jan 22 j 08:18	23°♐28'02	
direct	-3464 Jan 29 j 07:10	21°♐05'22	
desc. node	-3464 Feb 07 j 17:15	24°♐48'13	
morning max el	-3464 Feb 12 j 09:04	28°♐48'59	27°36'33
	-3464 Feb 13 j 13:15	0°♑	
	-3464 Mar 05 j 17:13	0°♒	
morning set	-3464 Mar 15 j 20:12	19°♒18'17	
	-3464 Mar 20 j 21:47	0°♓	
max. Earth dist.	-3464 Mar 21 j 23:09	2°♓17'17	1.32656 AU
superior conj	-3464 Mar 23 j 02:29	4°♓45'58	-0°15'23
minimum elong	-3464 Mar 23 j 03:11	4°♓49'46	0°15'17
behind sun begin	-3464 Mar 23 j 01:54	4°♓42'45	
behind sun end	-3464 Mar 23 j 04:28	4°♓56'46	
asc. node	-3464 Mar 24 j 13:48	7°♓58'38	
evening rise	-3464 Mar 30 j 01:46	19°♓49'52	
	-3464 Apr 04 j 01:56	0°♈	
	-3464 Apr 24 j 00:08	0°♉	
evening max el	-3464 Apr 25 j 06:32	1°♉15'24	24°58'04
desc. node	-3464 May 05 j 16:07	7°♉52'00	
retrograde	-3464 May 09 j 07:17	8°♉22'40	
evening set	-3464 May 14 j 08:08	7°♉24'27	
min. Earth dist.	-3464 May 19 j 18:46	4°♉30'56	0.57419 AU
inferior conj	-3464 May 22 j 18:50	2°♉30'17	-3°54'10
minimum elong	-3464 May 22 j 14:13	2°♉38'05	3°53'22
	-3464 May 26 j 18:57	30°℞♈	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3464 May 30 j 23:18	28°♈18'45	
direct	-3464 Jun 02 j 11:09	28°♈00'35	
	-3464 Jun 08 j 15:11	0°♉	
morning max el	-3464 Jun 11 j 08:32	2°♉09'38	19°09'05
asc. node	-3464 Jun 20 j 13:20	14°♉37'26	
morning set	-3464 Jun 28 j 05:55	29°♉03'23	
	-3464 Jun 28 j 17:22	0°♊	
superior conj	-3464 Jul 06 j 14:37	15°♊33'20	1°48'04
minimum elong	-3464 Jul 06 j 13:47	15°♊29'20	1°48'10
max. Earth dist.	-3464 Jul 13 j 01:11	27°♊39'11	1.38306 AU
	-3464 Jul 14 j 08:21	0°♋	
evening rise	-3464 Jul 16 j 22:05	4°♋33'20	
desc. node	-3464 Aug 01 j 15:14	29°♋52'54	
	-3464 Aug 01 j 17:09	0°♌	
evening max el	-3464 Aug 21 j 15:56	25°♌34'10	24°46'11
	-3464 Aug 26 j 22:08	0°♍	
retrograde	-3464 Sep 02 j 04:32	2°♍17'37	
evening set	-3464 Sep 07 j 19:53	29°♌53'24	
	-3464 Sep 07 j 16:48	30°℞♌	
min. Earth dist.	-3464 Sep 12 j 09:54	24°♌38'13	0.67148 AU
inferior conj	-3464 Sep 13 j 04:54	23°♌35'00	-1°07'19
minimum elong	-3464 Sep 13 j 06:29	23°♌29'42	1°06'35
asc. node	-3464 Sep 16 j 12:28	19°♌28'49	
morning rise	-3464 Sep 18 j 17:05	17°♌31'00	
direct	-3464 Sep 22 j 08:32	16°♌14'21	
morning max el	-3464 Sep 30 j 01:12	20°♌42'08	20°06'29
	-3464 Oct 07 j 13:39	0°♍	
morning set	-3464 Oct 26 j 16:26	28°♍36'28	
	-3464 Oct 27 j 13:59	0°♎	
desc. node	-3464 Oct 28 j 14:52	1°♎36'40	
max. Earth dist.	-3464 Nov 06 j 21:38	16°♎14'15	1.43803 AU
superior conj	-3464 Nov 12 j 04:04	24°♎44'57	-1°24'19
minimum elong	-3464 Nov 11 j 21:02	24°♎16'17	1°23'41
	-3464 Nov 15 j 08:41	0°♏	
evening rise	-3464 Nov 25 j 06:37	16°♏46'21	
	-3464 Dec 03 j 00:11	0°♐	
evening max el	-3464 Dec 13 j 04:41	14°♐32'53	18°13'34
asc. node	-3464 Dec 13 j 11:27	14°♐49'41	
retrograde	-3464 Dec 19 j 17:30	18°♐03'15	
evening set	-3464 Dec 22 j 13:24	17°♐21'56	
inferior conj	-3464 Dec 28 j 19:02	12°♐02'21	3°49'08
minimum elong	-3464 Dec 28 j 16:48	12°♐08'23	3°48'44
min. Earth dist.	-3464 Dec 31 j 07:19	9°♐20'22	0.63168 AU
morning rise	-3463 Jan 03 j 19:30	6°♐05'33	
direct	-3463 Jan 10 j 20:53	3°♐20'53	
morning max el	-3463 Jan 24 j 15:31	11°♐05'46	27°40'33
desc. node	-3463 Jan 24 j 14:19	11°♐02'47	
	-3463 Feb 08 j 15:02	0°♑	
	-3463 Feb 26 j 00:31	0°♒	
morning set	-3463 Feb 27 j 20:40	3°♒38'48	
max. Earth dist.	-3463 Mar 05 j 06:21	14°♒49'24	1.33140 AU
superior conj	-3463 Mar 07 j 11:15	19°♒32'05	-0°40'35
minimum elong	-3463 Mar 07 j 13:04	19°♒41'51	0°40'19
asc. node	-3463 Mar 11 j 10:48	28°♒07'33	
	-3463 Mar 12 j 07:44	0°♓	
evening rise	-3463 Mar 14 j 13:27	4°♓45'32	
	-3463 Mar 28 j 06:30	0°♈	
evening max el	-3463 Apr 06 j 22:25	11°♈59'35	23°25'46
retrograde	-3463 Apr 20 j 11:31	18°♈42'47	
desc. node	-3463 Apr 22 j 13:12	18°♈33'16	
evening set	-3463 Apr 24 j 04:05	18°♈12'56	
min. Earth dist.	-3463 May 01 j 09:19	14°♈55'27	0.55925 AU
inferior conj	-3463 May 03 j 07:44	13°♈46'34	-2°47'18
minimum elong	-3463 May 03 j 01:40	13°♈55'37	2°45'38
morning rise	-3463 May 12 j 01:54	9°♈48'15	
direct	-3463 May 14 j 14:39	9°♈32'22	
morning max el	-3463 May 25 j 01:14	14°♈23'26	20°13'41
	-3463 Jun 05 j 08:38	0°♉	
asc. node	-3463 Jun 07 j 10:22	3°♉47'21	
morning set	-3463 Jun 12 j 09:57	13°♉35'12	
superior conj	-3463 Jun 20 j 04:32	29°♉27'20	1°40'24
minimum elong	-3463 Jun 20 j 02:24	29°♉16'34	1°40'21
	-3463 Jun 20 j 11:02	0°♊	
max. Earth dist.	-3463 Jun 25 j 06:22	9°♊27'34	1.36495 AU
evening rise	-3463 Jun 29 j 06:55	17°♊01'01	
	-3463 Jul 06 j 16:20	0°♋	
desc. node	-3463 Jul 19 j 12:15	19°♋54'01	
	-3463 Jul 27 j 00:53	0°♌	
evening max el	-3463 Aug 04 j 02:53	9°♌06'39	25°56'55
retrograde	-3463 Aug 16 j 12:54	16°♌12'48	
evening set	-3463 Aug 22 j 19:00	13°♌33'26	
min. Earth dist.	-3463 Aug 27 j 00:38	8°♌55'42	0.66544 AU
inferior conj	-3463 Aug 28 j 07:12	7°♌19'02	-1°59'40
minimum elong	-3463 Aug 28 j 09:58	7°♌10'18	1°58'31
morning rise	-3463 Sep 03 j 01:06	1°♌25'02	
asc. node	-3463 Sep 03 j 09:34	1°♌12'36	
direct	-3463 Sep 06 j 06:49	0°♌24'33	
morning max el	-3463 Sep 13 j 07:21	4°♌23'15	19°08'52
	-3463 Oct 01 j 07:23	0°♍	
morning set	-3463 Oct 06 j 00:22	7°♍23'13	
desc. node	-3463 Oct 15 j 11:49	22°♍16'13	
	-3463 Oct 20 j 09:38	0°♎	
max. Earth dist.	-3463 Oct 20 j 13:41	0°♎15'57	1.44677 AU
superior conj	-3463 Oct 22 j 13:40	3°♎25'36	-0°44'06
minimum elong	-3463 Oct 22 j 08:13	3°♎04'04	0°43'25
evening rise	-3463 Nov 06 j 15:19	27°♎40'57	
	-3463 Nov 08 j 01:16	0°♏	
evening max el	-3463 Nov 26 j 16:51	27°♏55'47	18°37'07
	-3463 Nov 29 j 00:56	0°♐	
asc. node	-3463 Nov 30 j 08:31	0°♐49'58	
retrograde	-3463 Dec 03 j 08:55	1°♐39'13	
evening set	-3463 Dec 06 j 09:40	0°♐47'42	
	-3463 Dec 07 j 14:29	30°℞♏	
inferior conj	-3463 Dec 12 j 07:10	25°♏09'59	3°21'48
minimum elong	-3463 Dec 12 j 04:08	25°♏19'01	3°21'01
min. Earth dist.	-3463 Dec 14 j 04:29	22°♏55'34	0.64718 AU
morning rise	-3463 Dec 17 j 22:13	19°♏04'52	
direct	-3463 Dec 24 j 17:22	16°♏13'28	
morning max el	-3462 Jan 07 j 00:52	23°♏53'14	27°10'19
desc. node	-3462 Jan 11 j 11:21	28°♏41'51	
	-3462 Jan 12 j 13:43	0°♐	
	-3462 Feb 01 j 22:48	0°♑	
morning set	-3462 Feb 11 j 12:05	17°♑27'26	
max. Earth dist.	-3462 Feb 16 j 04:49	26°♑50'00	1.34041 AU
	-3462 Feb 17 j 17:42	0°♒	
superior conj	-3462 Feb 19 j 15:41	4°♒00'17	-1°04'45
minimum elong	-3462 Feb 19 j 18:26	4°♒14'42	1°04'24
asc. node	-3462 Feb 26 j 07:48	18°♒07'30	
evening rise	-3462 Feb 27 j 00:01	19°♒32'16	
	-3462 Mar 04 j 04:52	0°♓	
evening max el	-3462 Mar 19 j 17:45	22°♓46'52	21°52'41
retrograde	-3462 Apr 01 j 04:31	28°♓48'52	
evening set	-3462 Apr 03 j 21:04	28°♓32'42	
desc. node	-3462 Apr 09 j 10:17	26°♓31'56	
inferior conj	-3462 Apr 13 j 05:55	24°♓28'06	-1°03'25
minimum elong	-3462 Apr 13 j 02:59	24°♓32'13	1°02'25
min. Earth dist.	-3462 Apr 12 j 22:59	24°♓37'50	0.55182 AU
morning rise	-3462 Apr 22 j 09:55	20°♓29'00	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3462 Apr 25 j 04:25	20°♓11'55	
morning max el	-3462 May 07 j 07:03	25°♓55'07	21°37'00
	-3462 May 11 j 02:31	0°♈	
asc. node	-3462 May 25 j 07:23	23°♈21'38	
morning set	-3462 May 27 j 18:36	28°♈23'20	
	-3462 May 28 j 13:15	0°♉	
superior conj	-3462 Jun 04 j 03:43	13°♉50'59	1°26'44
minimum elong	-3462 Jun 04 j 01:05	13°♉37'13	1°26'31
max. Earth dist.	-3462 Jun 07 j 19:44	21°♉22'47	1.34983 AU
evening rise	-3462 Jun 12 j 09:19	0°♊22'24	
	-3462 Jun 12 j 04:39	0°♊	
	-3462 Jun 29 j 17:44	0°♋	
desc. node	-3462 Jul 06 j 09:16	9°♋27'41	
evening max el	-3462 Jul 17 j 14:11	22°♋35'02	26°51'04
retrograde	-3462 Jul 30 j 16:15	29°♋54'10	
evening set	-3462 Aug 06 j 10:57	27°♋06'33	
min. Earth dist.	-3462 Aug 10 j 08:56	23°♋07'11	0.65574 AU
inferior conj	-3462 Aug 12 j 04:25	20°♋59'14	-2°48'39
minimum elong	-3462 Aug 12 j 08:03	20°♋48'32	2°47'23
morning rise	-3462 Aug 18 j 05:33	15°♋18'25	
direct	-3462 Aug 21 j 03:49	14°♋30'52	
asc. node	-3462 Aug 21 j 06:39	14°♋30'56	
morning max el	-3462 Aug 27 j 18:56	18°♋09'36	18°27'10
	-3462 Sep 05 j 14:16	0°♌	
morning set	-3462 Sep 16 j 09:40	17°♌25'27	
	-3462 Sep 24 j 04:25	0°♍	
superior conj	-3462 Oct 01 j 13:11	11°♍42'42	0°05'14
minimum elong	-3462 Oct 01 j 13:52	11°♍45'23	0°05'10
behind sun begin	-3462 Oct 01 j 03:05	11°♍02'48	
behind sun end	-3462 Oct 02 j 00:38	12°♍27'56	
desc. node	-3462 Oct 02 j 08:47	13°♍00'06	
max. Earth dist.	-3462 Oct 03 j 07:57	14°♍31'27	1.44827 AU
	-3462 Oct 13 j 04:12	0°♎	
evening rise	-3462 Oct 17 j 23:19	7°♎32'32	
greatest brilliancy	-3462 Oct 27 j 22:06	23°♎08'41	-0.8m
	-3462 Nov 01 j 10:12	0°♏	
evening max el	-3462 Nov 10 j 02:12	11°♏21'57	19°17'51
retrograde	-3462 Nov 17 j 04:41	15°♏27'27	
asc. node	-3462 Nov 17 j 05:36	15°♏27'27	
evening set	-3462 Nov 20 j 12:01	14°♏23'47	
inferior conj	-3462 Nov 26 j 03:29	8°♏31'01	2°44'09
minimum elong	-3462 Nov 26 j 00:26	8°♏40'43	2°43'08
min. Earth dist.	-3462 Nov 27 j 10:49	6°♏51'00	0.65906 AU
morning rise	-3462 Dec 01 j 12:36	2°♏20'01	
	-3462 Dec 05 j 07:32	30°℞♎	
direct	-3462 Dec 07 j 20:05	29°♎34'42	
	-3462 Dec 10 j 12:02	0°♏	
morning max el	-3462 Dec 20 j 10:34	6°♏58'59	26°12'20
desc. node	-3462 Dec 29 j 08:23	17°♏20'34	
	-3461 Jan 07 j 09:16	0°♐	
	-3461 Jan 25 j 07:34	0°♑	
morning set	-3461 Jan 25 j 14:32	0°♑32'25	
max. Earth dist.	-3461 Jan 29 j 15:44	8°♑15'56	1.35387 AU
superior conj	-3461 Feb 03 j 13:29	18°♑03'32	-1°26'28
minimum elong	-3461 Feb 03 j 16:42	18°♑19'59	1°26'09
	-3461 Feb 09 j 08:18	0°♒	
evening rise	-3461 Feb 11 j 07:38	4°♒04'08	
asc. node	-3461 Feb 13 j 04:49	7°♒53'51	
	-3461 Feb 26 j 06:33	0°♓	
evening max el	-3461 Mar 01 j 22:02	4°♓01'20	20°30'22
retrograde	-3461 Mar 12 j 18:36	9°♓11'31	
evening set	-3461 Mar 15 j 01:33	8°♓58'40	
inferior conj	-3461 Mar 24 j 01:53	5°♓00'33	0°53'27
minimum elong	-3461 Mar 24 j 04:15	4°♓57'06	0°52'36
min. Earth dist.	-3461 Mar 25 j 13:09	4°♓09'03	0.55370 AU
desc. node	-3461 Mar 27 j 07:23	3°♓09'27	
morning rise	-3461 Apr 02 j 05:32	0°♓41'49	
direct	-3461 Apr 05 j 17:03	0°♓15'26	
morning max el	-3461 Apr 19 j 03:20	6°♓49'30	23°13'21
	-3461 May 05 j 12:14	0°♈	
morning set	-3461 May 12 j 05:54	13°♈21'27	
asc. node	-3461 May 12 j 04:24	13°♈13'33	
superior conj	-3461 May 19 j 09:11	28°♈34'47	1°08'41
minimum elong	-3461 May 19 j 06:40	28°♈21'20	1°08'21
	-3461 May 20 j 01:11	0°♉	
max. Earth dist.	-3461 May 21 j 18:46	3°♉40'01	1.33837 AU
evening rise	-3461 May 27 j 00:30	14°♉23'35	
	-3461 Jun 04 j 08:26	0°♊	
desc. node	-3461 Jun 23 j 06:18	28°♊22'12	
	-3461 Jun 24 j 14:53	0°♋	
evening max el	-3461 Jun 30 j 01:09	5°♋49'36	27°21'12
retrograde	-3461 Jul 13 j 14:15	13°♋13'25	
evening set	-3461 Jul 20 j 16:51	10°♋28'35	
min. Earth dist.	-3461 Jul 24 j 08:49	7°♋04'54	0.64222 AU
inferior conj	-3461 Jul 26 j 18:09	4°♋31'06	-3°31'38
minimum elong	-3461 Jul 26 j 22:03	4°♋20'37	3°30'35
	-3461 Jul 31 j 14:44	30°℞♊	
morning rise	-3461 Aug 02 j 04:00	29°♊06'29	
direct	-3461 Aug 04 j 21:06	28°♊28'48	
asc. node	-3461 Aug 08 j 03:45	29°♊23'41	
	-3461 Aug 09 j 03:03	0°♋	
morning max el	-3461 Aug 11 j 09:28	1°♋56'09	18°02'33
morning set	-3461 Aug 28 j 22:02	28°♋45'08	
	-3461 Aug 29 j 15:36	0°♌	
superior conj	-3461 Sep 11 j 01:16	20°♌40'01	0°50'51
minimum elong	-3461 Sep 11 j 06:29	21°♌01'09	0°50'18
max. Earth dist.	-3461 Sep 16 j 00:53	28°♌40'38	1.44259 AU
	-3461 Sep 16 j 20:51	0°♍	
desc. node	-3461 Sep 19 j 05:45	3°♍44'55	
evening rise	-3461 Sep 27 j 10:10	16°♍30'36	
	-3461 Oct 06 j 05:39	0°♎	
evening max el	-3461 Oct 24 j 06:44	24°♎48'15	20°14'01
retrograde	-3461 Nov 01 j 01:57	29°♎23'17	
asc. node	-3461 Nov 04 j 02:43	28°♎30'01	
evening set	-3461 Nov 04 j 18:05	28°♎04'58	
inferior conj	-3461 Nov 10 j 05:18	22°♎00'35	1°59'20
minimum elong	-3461 Nov 10 j 02:49	22°♎08'54	1°58'22
min. Earth dist.	-3461 Nov 11 j 00:12	20°♎57'11	0.66743 AU
morning rise	-3461 Nov 15 j 11:19	15°♎46'12	
direct	-3461 Nov 21 j 04:23	13°♎16'05	
morning max el	-3461 Dec 02 j 19:17	20°♎11'06	24°55'29
	-3461 Dec 11 j 05:53	0°♏	
desc. node	-3461 Dec 16 j 05:24	6°♏40'43	
	-3461 Dec 31 j 13:26	0°♐	
morning set	-3460 Jan 07 j 22:38	12°♐37'35	
max. Earth dist.	-3460 Jan 11 j 15:41	19°♐20'39	1.37149 AU
	-3460 Jan 17 j 06:33	0°♑	
superior conj	-3460 Jan 18 j 01:30	1°♑32'29	-1°43'49
minimum elong	-3460 Jan 18 j 04:25	1°♑46'44	1°43'42
evening rise	-3460 Jan 26 j 10:06	18°♑13'58	
asc. node	-3460 Jan 31 j 01:51	27°♑20'34	
	-3460 Feb 01 j 12:10	0°♒	
evening max el	-3460 Feb 12 j 13:05	15°♒52'12	19°25'12
retrograde	-3460 Feb 21 j 17:45	20°♒14'39	
evening set	-3460 Feb 24 j 01:25	19°♒59'13	
inferior conj	-3460 Mar 03 j 09:26	15°♒52'12	2°31'09
minimum elong	-3460 Mar 03 j 14:21	15°♒44'07	2°29'44
min. Earth dist.	-3460 Mar 06 j 04:05	14°♒03'25	0.56442 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3460 Mar 12 j 00:34	11°♒03'30	
desc. node	-3460 Mar 13 j 04:29	10°♒42'08	
direct	-3460 Mar 16 j 16:05	10°♒14'10	
morning max el	-3460 Mar 30 j 18:30	17°♒24'29	24°51'56
	-3460 Apr 10 j 01:38	0°♓	
morning set	-3460 Apr 25 j 18:07	28°♓23'36	
	-3460 Apr 26 j 12:24	0°♈	
asc. node	-3460 Apr 28 j 01:24	3°♈17'31	
superior conj	-3460 May 02 j 18:35	13°♈30'56	0°47'28
minimum elong	-3460 May 02 j 16:38	13°♈20'24	0°47'08
max. Earth dist.	-3460 May 04 j 02:04	16°♈21'25	1.33061 AU
evening rise	-3460 May 10 j 00:40	28°♈52'45	
	-3460 May 10 j 13:54	0°♉	
	-3460 May 27 j 12:35	0°♊	
desc. node	-3460 Jun 09 j 03:22	16°♊21'11	
evening max el	-3460 Jun 11 j 09:59	18°♊38'53	27°21'26
retrograde	-3460 Jun 25 j 06:08	26°♊01'44	
evening set	-3460 Jul 02 j 09:05	23°♊33'31	
min. Earth dist.	-3460 Jul 05 j 23:06	20°♊37'35	0.62512 AU
inferior conj	-3460 Jul 08 j 21:34	17°♊48'52	-4°04'42
minimum elong	-3460 Jul 09 j 00:42	17°♊41'19	4°04'08
morning rise	-3460 Jul 15 j 17:32	12°♊43'12	
direct	-3460 Jul 18 j 07:35	12°♊12'48	
morning max el	-3460 Jul 25 j 00:18	15°♊37'25	17°56'04
asc. node	-3460 Jul 25 j 00:50	15°♊38'43	
	-3460 Aug 04 j 01:13	0°♋	
morning set	-3460 Aug 10 j 08:50	11°♋09'44	
	-3460 Aug 21 j 02:28	0°♌	
superior conj	-3460 Aug 21 j 15:36	0°♌55'51	1°23'54
minimum elong	-3460 Aug 21 j 20:51	1°♌18'09	1°23'31
max. Earth dist.	-3460 Aug 28 j 14:16	12°♌28'38	1.43056 AU
desc. node	-3460 Sep 05 j 02:44	24°♌28'07	
evening rise	-3460 Sep 05 j 14:58	25°♌15'55	
	-3460 Sep 08 j 16:19	0°♍	
	-3460 Sep 29 j 07:19	0°♎	
evening max el	-3460 Oct 06 j 05:22	8°♎14'33	21°22'49
retrograde	-3460 Oct 14 j 22:40	13°♎24'52	
evening set	-3460 Oct 19 j 01:51	11°♎49'23	
asc. node	-3460 Oct 20 j 23:50	10°♎00'46	
inferior conj	-3460 Oct 24 j 10:28	5°♎36'40	1°09'45
minimum elong	-3460 Oct 24 j 08:54	5°♎42'01	1°09'06
min. Earth dist.	-3460 Oct 24 j 18:15	5°♎09'54	0.67257 AU
	-3460 Oct 28 j 23:09	30°℞♍	
morning rise	-3460 Oct 29 j 15:46	29°♍21'38	
direct	-3460 Nov 03 j 17:38	27°♍11'49	
	-3460 Nov 10 j 08:26	0°♎	
morning max el	-3460 Nov 14 j 04:19	3°♎25'56	23°29'40
desc. node	-3460 Dec 02 j 02:25	26°♎30'32	
	-3460 Dec 04 j 11:14	0°♏	
morning set	-3460 Dec 19 j 06:09	23°♏26'31	
	-3460 Dec 23 j 01:59	0°♐	
max. Earth dist.	-3460 Dec 23 j 11:03	0°♐39'37	1.39189 AU
superior conj	-3460 Dec 30 j 23:45	14°♐16'21	-1°54'15
minimum elong	-3460 Dec 31 j 01:06	14°♐22'38	1°54'20
	-3459 Jan 08 j 05:05	0°♑	
evening rise	-3459 Jan 09 j 04:54	1°♑55'23	
asc. node	-3459 Jan 16 j 22:55	16°♑20'53	
evening max el	-3459 Jan 25 j 13:39	28°♑16'34	18°39'38
	-3459 Jan 27 j 14:43	0°♒	
retrograde	-3459 Feb 02 j 10:32	2°♒05'43	
evening set	-3459 Feb 04 j 21:47	1°♒44'34	
	-3459 Feb 08 j 17:01	30°℞♑	
inferior conj	-3459 Feb 12 j 12:22	27°♑19'05	3°32'39
minimum elong	-3459 Feb 12 j 16:05	27°♑11'58	3°31'56
min. Earth dist.	-3459 Feb 15 j 20:53	24°♑46'52	0.58150 AU
morning rise	-3459 Feb 20 j 07:56	22°♑02'41	
direct	-3459 Feb 26 j 04:11	20°♑37'49	
desc. node	-3459 Feb 28 j 01:36	20°♑46'42	
morning max el	-3459 Mar 12 j 10:37	28°♑07'26	26°18'08
	-3459 Mar 14 j 06:58	0°♒	
	-3459 Apr 03 j 12:08	0°♓	
morning set	-3459 Apr 10 j 05:32	13°♓23'17	
asc. node	-3459 Apr 14 j 22:24	23°♓28'21	
superior conj	-3459 Apr 17 j 05:57	28°♓32'05	0°24'02
minimum elong	-3459 Apr 17 j 04:55	28°♓26'22	0°23'48
max. Earth dist.	-3459 Apr 17 j 14:20	29°♓17'58	1.32638 AU
	-3459 Apr 17 j 22:02	0°♈	
evening rise	-3459 Apr 24 j 06:50	13°♈39'20	
	-3459 May 02 j 16:04	0°♉	
	-3459 May 23 j 17:30	0°♊	
evening max el	-3459 May 24 j 14:01	0°♊50'05	26°48'44
desc. node	-3459 May 27 j 00:28	3°♊00'25	
retrograde	-3459 Jun 07 j 14:19	8°♊09'28	
evening set	-3459 Jun 14 j 07:19	6°♊11'21	
min. Earth dist.	-3459 Jun 18 j 03:32	3°♊29'35	0.60544 AU
inferior conj	-3459 Jun 21 j 11:06	0°♊42'52	-4°21'49
minimum elong	-3459 Jun 21 j 12:02	0°♊40'53	4°21'40
	-3459 Jun 22 j 07:35	30°℞♉	
morning rise	-3459 Jun 28 j 18:37	25°♉58'30	
direct	-3459 Jul 01 j 07:20	25°♉33'36	
morning max el	-3459 Jul 08 j 12:32	29°♉05'10	18°08'38
	-3459 Jul 09 j 10:10	0°♊	
asc. node	-3459 Jul 11 j 21:53	2°♊59'21	
morning set	-3459 Jul 24 j 12:20	24°♊23'09	
	-3459 Jul 27 j 12:29	0°♋	
superior conj	-3459 Aug 03 j 08:41	12°♋31'15	1°42'37
minimum elong	-3459 Aug 03 j 11:33	12°♋44'06	1°42'35
max. Earth dist.	-3459 Aug 10 j 22:23	25°♋40'19	1.41371 AU
	-3459 Aug 13 j 12:39	0°♌	
evening rise	-3459 Aug 16 j 09:10	4°♌39'48	
desc. node	-3459 Aug 22 j 23:44	15°♌05'38	
	-3459 Sep 01 j 23:45	0°♍	
evening max el	-3459 Sep 18 j 22:09	21°♍40'46	22°40'19
retrograde	-3459 Sep 28 j 17:14	27°♍29'27	
evening set	-3459 Oct 03 j 09:32	25°♍34'52	
asc. node	-3459 Oct 07 j 20:57	20°♍26'25	
inferior conj	-3459 Oct 08 j 17:04	19°♍17'12	0°17'16
minimum elong	-3459 Oct 08 j 16:40	19°♍18'36	0°17'07
min. Earth dist.	-3459 Oct 08 j 14:27	19°♍26'14	0.67458 AU
morning rise	-3459 Oct 13 j 23:40	13°♍04'16	
direct	-3459 Oct 18 j 10:50	11°♍16'22	
morning max el	-3459 Oct 27 j 16:54	16°♍45'39	22°04'11
	-3459 Nov 07 j 10:46	0°♎	
desc. node	-3459 Nov 18 j 23:26	16°♎41'26	
	-3459 Nov 27 j 13:55	0°♏	
morning set	-3459 Nov 29 j 08:56	2°♏51'42	
max. Earth dist.	-3459 Dec 05 j 10:04	12°♏46'13	1.41239 AU
superior conj	-3459 Dec 13 j 03:03	26°♏01'59	-1°54'19
minimum elong	-3459 Dec 13 j 01:19	25°♏54'15	1°54'23
	-3459 Dec 15 j 08:27	0°♐	
evening rise	-3459 Dec 23 j 12:52	15°♐01'23	
	-3459 Dec 31 j 20:07	0°♑	
asc. node	-3458 Jan 03 j 19:58	4°♑46'25	
evening max el	-3458 Jan 08 j 21:04	11°♑06'46	18°14'06
retrograde	-3458 Jan 15 j 21:40	14°♑38'34	
evening set	-3458 Jan 18 j 12:08	14°♑10'24	
inferior conj	-3458 Jan 25 j 11:34	9°♑23'18	3°58'59
minimum elong	-3458 Jan 25 j 12:35	9°♑21'03	3°58'49

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3458 Jan 28 j 18:36	6°♑29'35	0.60144 AU
morning rise	-3458 Feb 01 j 11:22	3°♑46'21	
direct	-3458 Feb 08 j 03:41	1°♑43'05	
desc. node	-3458 Feb 14 j 22:42	3°♑39'17	
morning max el	-3458 Feb 22 j 08:20	9°♑22'43	27°17'57
	-3458 Mar 10 j 05:00	0°♒	
morning set	-3458 Mar 25 j 14:25	28°♒14'13	
	-3458 Mar 26 j 10:44	0°♓	
max. Earth dist.	-3458 Apr 01 j 03:50	12°♓16'48	1.32550 AU
superior conj	-3458 Apr 01 j 17:39	13°♓32'22	-0°00'47
minimum elong	-3458 Apr 01 j 17:41	13°♓32'34	0°00'49
behind sun begin	-3458 Apr 01 j 12:40	13°♓05'10	
behind sun end	-3458 Apr 01 j 22:41	13°♓59'58	
asc. node	-3458 Apr 01 j 19:24	13°♓42'01	
evening rise	-3458 Apr 08 j 16:39	28°♓35'09	
	-3458 Apr 09 j 08:52	0°♈	
	-3458 Apr 26 j 06:31	0°♉	
evening max el	-3458 May 06 j 11:33	12°♉18'04	25°45'15
desc. node	-3458 May 13 j 21:32	17°♉48'04	
retrograde	-3458 May 20 j 13:23	19°♉31'56	
evening set	-3458 May 26 j 08:08	18°♉11'50	
min. Earth dist.	-3458 May 30 j 23:52	15°♉27'20	0.58512 AU
inferior conj	-3458 Jun 03 j 07:07	13°♉03'40	-4°14'05
minimum elong	-3458 Jun 03 j 04:33	13°♉08'23	4°13'46
morning rise	-3458 Jun 11 j 03:39	8°♉41'13	
direct	-3458 Jun 13 j 15:52	8°♉20'48	
morning max el	-3458 Jun 21 j 19:19	12°♉11'33	18°41'07
asc. node	-3458 Jun 28 j 18:55	21°♉11'25	
	-3458 Jul 03 j 20:29	0°♊	
morning set	-3458 Jul 08 j 03:59	8°♊13'35	
superior conj	-3458 Jul 16 j 23:29	25°♊12'41	1°48'57
minimum elong	-3458 Jul 16 j 23:48	25°♊14'13	1°49'04
	-3458 Jul 19 j 13:13	0°♋	
max. Earth dist.	-3458 Jul 24 j 01:30	8°♋08'01	1.39433 AU
evening rise	-3458 Jul 28 j 04:03	15°♋14'20	
	-3458 Aug 06 j 05:50	0°♌	
desc. node	-3458 Aug 09 j 20:44	5°♌33'19	
	-3458 Aug 27 j 17:56	0°♍	
evening max el	-3458 Sep 01 j 10:36	5°♍08'26	24°00'58
retrograde	-3458 Sep 12 j 08:34	11°♍34'01	
evening set	-3458 Sep 17 j 15:23	9°♍19'56	
inferior conj	-3458 Sep 22 j 23:23	3°♍00'41	-0°36'28
minimum elong	-3458 Sep 23 j 00:15	2°♍57'46	0°36'02
min. Earth dist.	-3458 Sep 22 j 10:26	3°♍44'38	0.67352 AU
asc. node	-3458 Sep 24 j 18:03	0°♍39'10	
	-3458 Sep 25 j 06:35	30°℞♌	
morning rise	-3458 Sep 28 j 09:04	26°♌52'44	
direct	-3458 Oct 02 j 07:04	25°♌25'34	
	-3458 Oct 10 j 06:27	0°♍	
morning max el	-3458 Oct 10 j 11:55	0°♍13'47	20°46'05
	-3458 Nov 01 j 04:41	0°♎	
desc. node	-3458 Nov 05 j 20:25	7°♎07'01	
morning set	-3458 Nov 08 j 12:11	11°♎13'58	
max. Earth dist.	-3458 Nov 17 j 16:16	25°♎46'46	1.43006 AU
	-3458 Nov 20 j 06:24	0°♏	
superior conj	-3458 Nov 24 j 05:42	6°♏35'23	-1°40'08
minimum elong	-3458 Nov 24 j 00:06	6°♏11'55	1°39'48
evening rise	-3458 Dec 06 j 06:05	27°♏23'23	
	-3458 Dec 07 j 17:26	0°♐	
asc. node	-3458 Dec 21 j 17:02	22°♐26'00	
evening max el	-3458 Dec 23 j 08:28	24°♐14'19	18°08'14
retrograde	-3458 Dec 29 j 23:08	27°♐42'12	
evening set	-3457 Jan 01 j 16:45	27°♐06'08	
inferior conj	-3457 Jan 08 j 04:06	21°♐57'55	3°58'26
minimum elong	-3457 Jan 08 j 02:46	22°♐01'17	3°58'13
min. Earth dist.	-3457 Jan 11 j 00:27	19°♐05'54	0.62120 AU
morning rise	-3457 Jan 14 j 11:45	16°♐06'47	
direct	-3457 Jan 21 j 12:42	13°♐33'08	
desc. node	-3457 Feb 01 j 19:47	18°♐50'21	
morning max el	-3457 Feb 04 j 12:18	21°♐18'21	27°42'51
	-3457 Feb 12 j 03:08	0°♑	
	-3457 Mar 03 j 04:39	0°♒	
morning set	-3457 Mar 09 j 18:39	12°♒47'53	
max. Earth dist.	-3457 Mar 15 j 14:25	25°♒01'52	1.32811 AU
superior conj	-3457 Mar 17 j 03:56	28°♒24'45	-0°26'08
minimum elong	-3457 Mar 17 j 05:07	28°♒31'10	0°25'57
	-3457 Mar 17 j 21:29	0°♓	
asc. node	-3457 Mar 19 j 16:24	3°♓53'22	
evening rise	-3457 Mar 24 j 04:07	13°♓31'57	
	-3457 Apr 01 j 12:56	0°♈	
evening max el	-3457 Apr 18 j 03:54	23°♈10'46	24°19'44
	-3457 Apr 29 j 21:44	0°♉	
desc. node	-3457 Apr 30 j 18:36	0°♉06'53	
retrograde	-3457 May 02 j 01:22	0°♉10'40	
	-3457 May 04 j 05:13	30°℞♈	
evening set	-3457 May 06 j 12:21	29°♈26'02	
min. Earth dist.	-3457 May 12 j 15:39	26°♈23'41	0.56710 AU
inferior conj	-3457 May 15 j 07:07	24°♈43'13	-3°30'57
minimum elong	-3457 May 15 j 01:25	24°♈52'19	3°29'43
morning rise	-3457 May 23 j 17:37	20°♈38'56	
direct	-3457 May 26 j 05:29	20°♈22'07	
morning max el	-3457 Jun 04 j 17:53	24°♈47'03	19°34'09
	-3457 Jun 09 j 07:36	0°♉	
asc. node	-3457 Jun 15 j 15:57	10°♉02'46	
morning set	-3457 Jun 22 j 04:16	22°♉32'05	
	-3457 Jun 25 j 21:17	0°♊	
superior conj	-3457 Jun 30 j 06:20	8°♊44'10	1°45'40
minimum elong	-3457 Jun 30 j 04:51	8°♊36'50	1°45'43
max. Earth dist.	-3457 Jul 06 j 03:40	20°♊01'42	1.37505 AU
evening rise	-3457 Jul 10 j 00:15	27°♊03'46	
	-3457 Jul 11 j 16:07	0°♋	
desc. node	-3457 Jul 27 j 17:42	25°♋45'59	
	-3457 Jul 30 j 16:34	0°♌	
evening max el	-3457 Aug 14 j 21:20	18°♌39'10	25°17'43
retrograde	-3457 Aug 26 j 19:50	25°♌34'19	
evening set	-3457 Sep 01 j 17:34	23°♌02'50	
min. Earth dist.	-3457 Sep 06 j 03:51	18°♌03'22	0.66930 AU
inferior conj	-3457 Sep 07 j 03:42	16°♌45'29	-1°29'48
minimum elong	-3457 Sep 07 j 05:48	16°♌38'35	1°28'52
asc. node	-3457 Sep 11 j 15:08	11°♌37'21	
morning rise	-3457 Sep 12 j 18:08	10°♌45'24	
direct	-3457 Sep 16 j 05:02	9°♌36'14	
morning max el	-3457 Sep 23 j 14:14	13°♌50'54	19°40'07
	-3457 Oct 05 j 17:34	0°♍	
morning set	-3457 Oct 18 j 11:36	19°♍32'43	
desc. node	-3457 Oct 23 j 17:23	27°♍42'40	
	-3457 Oct 25 j 04:28	0°♎	
max. Earth dist.	-3457 Oct 31 j 04:54	9°♎29'21	1.44253 AU
superior conj	-3457 Nov 04 j 04:56	15°♎52'43	-1°09'01
minimum elong	-3457 Nov 03 j 21:50	15°♎24'15	1°08'16
	-3457 Nov 12 j 20:37	0°♏	
evening rise	-3457 Nov 18 j 03:59	8°♏52'26	
	-3457 Dec 01 j 00:38	0°♐	
evening max el	-3457 Dec 06 j 21:06	7°♐33'14	18°21'23
asc. node	-3457 Dec 08 j 14:06	9°♐06'49	
retrograde	-3457 Dec 13 j 10:33	11°♐08'13	
evening set	-3457 Dec 16 j 08:13	10°♐22'57	
inferior conj	-3457 Dec 22 j 10:08	4°♐55'30	3°39'04

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3457 Dec 22 j 07:26	5°♐03'05	3°38'29
min. Earth dist.	-3457 Dec 24 j 16:08	2°♐23'38	0.63869 AU
	-3457 Dec 27 j 00:10	30℞♏	
morning rise	-3457 Dec 28 j 06:05	28°♏54'35	
direct	-3456 Jan 04 j 05:40	26°♏04'58	
	-3456 Jan 13 j 12:27	0°♐	
morning max el	-3456 Jan 17 j 20:24	3°♐49'40	27°31'30
desc. node	-3456 Jan 19 j 16:52	5°♐44'12	
	-3456 Feb 06 j 14:23	0°♑	
morning set	-3456 Feb 21 j 15:39	26°♑55'40	
	-3456 Feb 23 j 04:32	0°♒	
max. Earth dist.	-3456 Feb 26 j 18:05	7°♒19'54	1.33465 AU
superior conj	-3456 Feb 29 j 11:05	13°♒03'27	-0°51'04
minimum elong	-3456 Feb 29 j 13:20	13°♒15'25	0°50'44
asc. node	-3456 Mar 05 j 13:24	23°♒58'28	
evening rise	-3456 Mar 07 j 15:29	28°♒23'39	
	-3456 Mar 08 j 09:56	0°♓	
	-3456 Mar 26 j 05:50	0°♈	
evening max el	-3456 Mar 29 j 20:22	3°♈52'04	22°45'30
retrograde	-3456 Apr 12 j 00:36	10°♈20'07	
evening set	-3456 Apr 15 j 04:59	9°♈57'56	
desc. node	-3456 Apr 16 j 15:42	9°♈34'02	
min. Earth dist.	-3456 Apr 23 j 05:56	6°♈26'15	0.55495 AU
inferior conj	-3456 Apr 24 j 12:36	5°♈42'08	-2°06'51
minimum elong	-3456 Apr 24 j 07:18	5°♈49'45	2°05'12
morning rise	-3456 May 03 j 11:44	1°♈45'21	
direct	-3456 May 06 j 01:41	1°♈29'43	
morning max el	-3456 May 17 j 06:01	6°♈42'54	20°47'06
asc. node	-3456 Jun 01 j 12:58	29°♈23'30	
	-3456 Jun 01 j 20:29	0°♉	
morning set	-3456 Jun 05 j 10:30	7°♉11'01	
superior conj	-3456 Jun 13 j 00:35	22°♉51'42	1°35'14
minimum elong	-3456 Jun 12 j 22:09	22°♉39'13	1°35'07
	-3456 Jun 16 j 13:33	0°♊	
max. Earth dist.	-3456 Jun 17 j 11:30	1°♊48'18	1.35805 AU
evening rise	-3456 Jun 21 j 17:11	9°♊56'02	
	-3456 Jul 03 j 05:48	0°♋	
desc. node	-3456 Jul 13 j 14:42	15°♋36'27	
	-3456 Jul 25 j 04:58	0°♌	
evening max el	-3456 Jul 27 j 08:24	2°♌10'53	26°22'31
retrograde	-3456 Aug 09 j 02:17	9°♌24'16	
evening set	-3456 Aug 15 j 13:57	6°♌40'29	
min. Earth dist.	-3456 Aug 19 j 16:15	2°♌18'51	0.66172 AU
inferior conj	-3456 Aug 21 j 04:07	0°♌28'29	-2°21'00
minimum elong	-3456 Aug 21 j 07:18	0°♌18'41	2°19'46
	-3456 Aug 21 j 13:23	30℞♋	
morning rise	-3456 Aug 27 j 00:53	24°♋39'28	
asc. node	-3456 Aug 28 j 12:13	23°♋59'54	
direct	-3456 Aug 30 j 03:05	23°♋44'55	
morning max el	-3456 Sep 05 j 22:55	27°♋34'26	18°49'01
	-3456 Sep 08 j 02:57	0°♌	
morning set	-3456 Sep 27 j 05:18	28°♌48'46	
	-3456 Sep 27 j 23:13	0°♍	
desc. node	-3456 Oct 09 j 14:19	18°♍24'09	
superior conj	-3456 Oct 13 j 07:38	24°♍15'56	-0°23'34
minimum elong	-3456 Oct 13 j 04:32	24°♍03'45	0°23'09
max. Earth dist.	-3456 Oct 12 j 21:49	23°♍37'16	1.44832 AU
	-3456 Oct 16 j 22:53	0°♎	
evening rise	-3456 Oct 29 j 02:11	19°♎19'32	
	-3456 Nov 04 j 17:28	0°♏	
evening max el	-3456 Nov 19 j 08:24	20°♏57'57	18°52'30
asc. node	-3456 Nov 24 j 11:12	24°♏33'25	
retrograde	-3456 Nov 26 j 04:03	24°♏49'32	
evening set	-3456 Nov 29 j 07:22	23°♏53'10	
inferior conj	-3456 Dec 05 j 02:06	18°♏08'58	3°06'51
minimum elong	-3456 Dec 04 j 22:59	18°♏18'32	3°05'56
min. Earth dist.	-3456 Dec 06 j 17:24	16°♏08'26	0.65274 AU
morning rise	-3456 Dec 10 j 14:15	12°♏01'09	
direct	-3456 Dec 17 j 05:06	9°♏10'38	
morning max el	-3456 Dec 30 j 05:55	16°♏45'17	26°48'26
desc. node	-3455 Jan 05 j 13:55	23°♏50'53	
	-3455 Jan 10 j 07:59	0°♐	
	-3455 Jan 29 j 10:12	0°♑	
morning set	-3455 Feb 04 j 02:06	10°♑27'09	
max. Earth dist.	-3455 Feb 08 j 11:33	19°♑03'46	1.34555 AU
superior conj	-3455 Feb 12 j 13:03	27°♑22'05	-1°14'22
minimum elong	-3455 Feb 12 j 16:04	27°♑37'46	1°14'01
	-3455 Feb 13 j 19:21	0°♒	
evening rise	-3455 Feb 20 j 01:02	13°♒04'36	
asc. node	-3455 Feb 20 j 10:26	13°♒53'13	
	-3455 Feb 28 j 19:56	0°♓	
evening max el	-3455 Mar 11 j 19:16	14°♓49'36	21°15'58
retrograde	-3455 Mar 23 j 14:34	20°♓29'20	
evening set	-3455 Mar 26 j 01:21	20°♓15'34	
desc. node	-3455 Apr 03 j 12:50	16°♓43'32	
inferior conj	-3455 Apr 04 j 08:07	16°♓16'23	-0°13'27
minimum elong	-3455 Apr 04 j 07:29	16°♓17'17	0°13'15
transit middle	-3455 Apr 04 j 07:29	16°♓17'17	0°13'15
transit begin	-3455 Apr 04 j 05:14	16°♓20'27	
transit end	-3455 Apr 04 j 09:43	16°♓14'07	
min. Earth dist.	-3455 Apr 04 j 19:53	15°♓59'46	0.55143 AU
morning rise	-3455 Apr 13 j 13:26	12°♓10'51	
direct	-3455 Apr 16 j 13:52	11°♓50'56	
morning max el	-3455 Apr 29 j 07:20	17°♓57'10	22°16'54
	-3455 May 08 j 22:25	0°♈	
asc. node	-3455 May 19 j 09:59	19°♈06'09	
morning set	-3455 May 20 j 20:33	22°♈04'24	
	-3455 May 24 j 14:48	0°♉	
superior conj	-3455 May 28 j 02:47	7°♉25'06	1°19'33
minimum elong	-3455 May 28 j 00:08	7°♉11'05	1°19'16
max. Earth dist.	-3455 May 31 j 05:14	13°♉53'04	1.34450 AU
evening rise	-3455 Jun 05 j 01:38	23°♉36'33	
	-3455 Jun 08 j 10:08	0°♊	
	-3455 Jun 26 j 20:05	0°♋	
desc. node	-3455 Jun 30 j 11:44	4°♋55'22	
evening max el	-3455 Jul 09 j 20:03	15°♋36'10	27°07'16
retrograde	-3455 Jul 23 j 03:20	22°♋57'25	
evening set	-3455 Jul 30 j 02:03	20°♋09'49	
min. Earth dist.	-3455 Aug 02 j 21:19	16°♋25'58	0.65050 AU
inferior conj	-3455 Aug 04 j 22:31	14°♋06'25	-3°07'48
minimum elong	-3455 Aug 05 j 02:21	13°♋55'30	3°06'35
morning rise	-3455 Aug 11 j 03:09	8°♋31'48	
direct	-3455 Aug 13 j 23:01	7°♋48'40	
asc. node	-3455 Aug 15 j 09:19	7°♋59'39	
morning max el	-3455 Aug 20 j 12:01	11°♋21'26	18°14'28
	-3455 Sep 02 j 10:05	0°♌	
morning set	-3455 Sep 08 j 02:35	9°♌25'46	
	-3455 Sep 20 j 17:08	0°♍	
superior conj	-3455 Sep 22 j 09:56	2°♍42'53	0°25'43
minimum elong	-3455 Sep 22 j 13:04	2°♍55'22	0°25'22
max. Earth dist.	-3455 Sep 25 j 16:14	7°♍53'33	1.44683 AU
desc. node	-3455 Sep 26 j 11:15	9°♍08'41	
evening rise	-3455 Oct 09 j 00:09	28°♍45'46	
	-3455 Oct 09 j 19:14	0°♎	
greatest brilliancy	-3455 Oct 21 j 02:13	17°♎24'33	-0.7m
	-3455 Oct 29 j 21:42	0°♏	
evening max el	-3455 Nov 02 j 16:00	4°♏24'43	19°40'01
retrograde	-3455 Nov 10 j 00:40	8°♏41'25	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

asc. node	-3455 Nov 11 j 08:18	8°♏31'22				-3454 Oct 03 j 03:23	0°♎		
evening set	-3455 Nov 13 j 11:35	7°♏31'40			evening max el	-3454 Oct 16 j 18:07	17°♎51'20	20°41'50	
inferior conj	-3455 Nov 19 j 01:02	1°♏33'37	2°25'48		retrograde	-3454 Oct 24 j 22:00	22°♎40'44		
minimum elong	-3455 Nov 18 j 22:11	1°♏42'57	2°24'47		evening set	-3454 Oct 28 j 18:39	21°♎15'10		
min. Earth dist.	-3455 Nov 20 j 02:52	0°♏09'17	0.66313 AU		asc. node	-3454 Oct 29 j 05:24	20°♎54'04		
	-3455 Nov 20 j 05:44	30°℞♎			inferior conj	-3454 Nov 03 j 04:33	15°♎06'36	1°38'45	
morning rise	-3455 Nov 24 j 08:34	25°♎21'08			minimum elong	-3454 Nov 03 j 02:25	15°♎13'50	1°37'54	
direct	-3455 Nov 30 j 10:13	22°♎41'30			min. Earth dist.	-3454 Nov 03 j 18:30	14°♎19'12	0.67003 AU	
morning max el	-3455 Dec 12 j 15:05	29°♎54'04	25°41'18		morning rise	-3454 Nov 08 j 10:01	8°♎51'44		
	-3455 Dec 12 j 17:27	0°♏			direct	-3454 Nov 13 j 20:32	6°♎30'10		
desc. node	-3455 Dec 23 j 10:56	12°♏48'44			morning max el	-3454 Nov 24 j 23:51	13°♎08'32	24°19'33	
	-3454 Jan 04 j 05:48	0°♐				-3454 Dec 08 j 15:22	0°♏		
morning set	-3454 Jan 17 j 21:25	23°♐08'07			desc. node	-3454 Dec 10 j 07:57	2°♏22'55		
max. Earth dist.	-3454 Jan 21 j 17:30	0°♑17'53	1.36094 AU			-3454 Dec 28 j 01:48	0°♐		
	-3454 Jan 21 j 13:45	0°♑			morning set	-3454 Dec 30 j 19:53	4°♐43'10		
					max. Earth dist.	-3453 Jan 03 j 15:04	11°♐26'32	1.37999 AU	
superior conj	-3454 Jan 27 j 07:07	11°♑11'54	-1°34'30						
minimum elong	-3454 Jan 27 j 10:20	11°♑28'01	1°34'16		superior conj	-3453 Jan 10 j 13:53	24°♐23'20	-1°49'16	
evening rise	-3454 Feb 04 j 06:45	27°♑27'55			minimum elong	-3453 Jan 10 j 16:18	24°♐35'00	1°49'15	
	-3454 Feb 05 j 12:51	0°♒				-3453 Jan 13 j 11:17	0°♑		
asc. node	-3454 Feb 07 j 07:29	3°♒31'58			evening rise	-3453 Jan 19 j 06:22	11°♑27'08		
evening max el	-3454 Feb 22 j 04:08	26°♒19'00	20°00'20		asc. node	-3453 Jan 25 j 04:32	22°♑48'44		
	-3454 Feb 27 j 08:50	0°♓				-3453 Jan 29 j 09:40	0°♒		
retrograde	-3454 Mar 04 j 06:55	1°♓07'28			evening max el	-3453 Feb 04 j 23:24	8°♒24'28	19°03'17	
evening set	-3454 Mar 06 j 13:39	0°♓53'54			retrograde	-3453 Feb 13 j 13:25	12°♒31'19		
	-3454 Mar 09 j 12:13	30°℞♒			evening set	-3453 Feb 15 j 22:26	12°♒13'45		
inferior conj	-3454 Mar 15 j 07:30	26°♒53'23	1°38'48		inferior conj	-3453 Feb 23 j 22:50	7°♒59'16	3°01'55	
minimum elong	-3454 Mar 15 j 11:27	26°♒47'20	1°37'28		minimum elong	-3453 Feb 24 j 03:36	7°♒50'55	3°00'44	
min. Earth dist.	-3454 Mar 17 j 09:56	25°♒36'49	0.55728 AU		min. Earth dist.	-3453 Feb 27 j 01:22	5°♒49'51	0.57108 AU	
desc. node	-3454 Mar 21 j 09:58	23°♒27'36			morning rise	-3453 Mar 04 j 06:03	2°♒57'49		
morning rise	-3454 Mar 24 j 07:12	22°♒22'53			desc. node	-3453 Mar 08 j 07:05	1°♒57'51		
direct	-3454 Mar 28 j 05:55	21°♒48'36			direct	-3453 Mar 09 j 10:02	1°♒54'49		
morning max el	-3454 Apr 11 j 00:36	28°♒39'28	23°55'55		morning max el	-3453 Mar 23 j 15:39	9°♒14'58	25°31'07	
	-3454 Apr 12 j 09:05	0°♓				-3453 Apr 08 j 05:21	0°♓		
	-3454 May 01 j 21:27	0°♈			morning set	-3453 Apr 19 j 20:32	22°♓06'43		
morning set	-3454 May 05 j 08:28	7°♈04'55			asc. node	-3453 Apr 23 j 04:01	29°♓11'05		
asc. node	-3454 May 06 j 07:00	9°♈03'40				-3453 Apr 23 j 13:03	0°♈		
superior conj	-3454 May 12 j 10:10	22°♈14'37	1°00'02		superior conj	-3453 Apr 26 j 20:37	7°♈13'23	0°37'46	
minimum elong	-3454 May 12 j 07:51	22°♈02'08	0°59'40		minimum elong	-3453 Apr 26 j 19:01	7°♈04'43	0°37'26	
max. Earth dist.	-3454 May 14 j 08:22	26°♈22'04	1.33464 AU		max. Earth dist.	-3453 Apr 27 j 18:11	9°♈10'52	1.32837 AU	
	-3454 May 16 j 01:34	0°♉			evening rise	-3453 May 04 j 00:03	22°♈27'40		
evening rise	-3454 May 19 j 21:03	7°♉50'37				-3453 May 07 j 18:16	0°♉		
	-3454 May 31 j 21:47	0°♊				-3453 May 25 j 21:30	0°♊		
desc. node	-3454 Jun 17 j 08:49	23°♊28'30			desc. node	-3453 Jun 04 j 05:55	10°♊56'31		
evening max el	-3454 Jun 22 j 06:28	28°♊41'23	27°25'11		evening max el	-3453 Jun 04 j 13:16	11°♊14'14	27°11'27	
	-3454 Jun 23 j 16:28	0°♋			retrograde	-3453 Jun 18 j 11:20	18°♊36'17		
retrograde	-3454 Jul 05 j 22:33	6°♋04'30			evening set	-3453 Jun 25 j 11:40	16°♊19'00		
evening set	-3454 Jul 13 j 02:36	3°♋24'57			min. Earth dist.	-3453 Jun 29 j 02:49	13°♊31'24	0.61697 AU	
min. Earth dist.	-3454 Jul 16 j 17:05	0°♋14'33	0.63541 AU		inferior conj	-3453 Jul 02 j 06:06	10°♊40'50	-4°14'24	
	-3454 Jul 16 j 22:55	30°℞♊			minimum elong	-3453 Jul 02 j 08:30	10°♊35'22	4°14'02	
inferior conj	-3454 Jul 19 j 08:14	27°♊32'55	-3°47'11		morning rise	-3453 Jul 09 j 06:51	5°♊44'24		
minimum elong	-3454 Jul 19 j 11:58	27°♊23'20	3°46'18		direct	-3453 Jul 11 j 20:11	5°♊16'33		
morning rise	-3454 Jul 25 j 22:12	22°♊16'04			morning max el	-3453 Jul 18 j 17:07	8°♊42'37	17°59'06	
direct	-3454 Jul 28 j 13:54	21°♊41'36			asc. node	-3453 Jul 20 j 03:26	10°♊13'23		
asc. node	-3454 Aug 02 j 06:23	23°♊29'00				-3453 Aug 01 j 14:35	0°♋		
morning max el	-3454 Aug 04 j 03:01	25°♊06'18	17°57'34		morning set	-3453 Aug 03 j 19:41	4°♋01'33		
	-3454 Aug 08 j 04:05	0°♋							
morning set	-3454 Aug 21 j 01:13	21°♋15'16			superior conj	-3453 Aug 14 j 10:33	23°♋02'22	1°33'32	
	-3454 Aug 26 j 02:36	0°♌			minimum elong	-3453 Aug 14 j 14:55	23°♋21'20	1°33'18	
						-3453 Aug 18 j 12:09	0°♌		
superior conj	-3454 Sep 02 j 08:27	12°♌11'37	1°06'38		max. Earth dist.	-3453 Aug 21 j 19:36	5°♌31'13	1.42378 AU	
minimum elong	-3454 Sep 02 j 14:09	12°♌35'09	1°06'06		evening rise	-3453 Aug 28 j 14:23	16°♌27'55		
max. Earth dist.	-3454 Sep 08 j 08:32	21°♌58'00	1.43823 AU		desc. node	-3453 Aug 31 j 05:13	20°♌34'16		
desc. node	-3454 Sep 13 j 08:14	29°♌53'14				-3453 Sep 06 j 09:02	0°♍		
	-3454 Sep 13 j 09:57	0°♍				-3453 Sep 28 j 08:46	0°♎		
evening rise	-3454 Sep 18 j 06:11	7°♍32'54			evening max el	-3453 Sep 29 j 14:00	1°♎16'54	21°54'57	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3453 Oct 08 j 18:07	6°♎44'01	
evening set	-3453 Oct 13 j 02:36	5°♎00'34	
asc. node	-3453 Oct 16 j 02:30	1°♎52'30	
	-3453 Oct 17 j 12:44	30°℞♍	
inferior conj	-3453 Oct 18 j 10:32	28°♍45'02	0°47'44
minimum elong	-3453 Oct 18 j 09:27	28°♍48'48	0°47'18
min. Earth dist.	-3453 Oct 18 j 13:48	28°♍33'45	0.67374 AU
morning rise	-3453 Oct 23 j 16:09	22°♍30'24	
direct	-3453 Oct 28 j 11:31	20°♍30'03	
morning max el	-3453 Nov 07 j 10:07	26°♍25'44	22°52'49
	-3453 Nov 10 j 16:34	0°♎	
desc. node	-3453 Nov 27 j 04:55	22°♎22'29	
	-3453 Dec 02 j 06:06	0°♏	
morning set	-3453 Dec 11 j 15:24	14°♏56'52	
max. Earth dist.	-3453 Dec 16 j 11:00	23°♏02'31	1.40076 AU
	-3453 Dec 20 j 10:52	0°♐	
superior conj	-3453 Dec 24 j 04:42	6°♐43'53	-1°55'46
minimum elong	-3453 Dec 24 j 04:55	6°♐44'52	1°55'53
evening rise	-3452 Jan 02 j 20:59	24°♐54'24	
	-3452 Jan 05 j 13:29	0°♑	
asc. node	-3452 Jan 12 j 01:35	11°♑35'28	
evening max el	-3452 Jan 19 j 03:11	21°♑00'37	18°26'17
retrograde	-3452 Jan 26 j 14:14	24°♑40'40	
evening set	-3452 Jan 29 j 02:46	24°♑16'49	
inferior conj	-3452 Feb 05 j 10:35	19°♑42'30	3°47'38
minimum elong	-3452 Feb 05 j 13:12	19°♑37'10	3°47'14
min. Earth dist.	-3452 Feb 08 j 20:08	16°♑57'50	0.58982 AU
morning rise	-3452 Feb 12 j 21:25	14°♑16'03	
direct	-3452 Feb 19 j 03:30	12°♑34'17	
desc. node	-3452 Feb 23 j 04:11	13°♑15'05	
morning max el	-3452 Mar 04 j 09:57	20°♑09'55	26°47'26
	-3452 Mar 12 j 20:42	0°♒	
	-3452 Mar 30 j 19:59	0°♓	
morning set	-3452 Apr 03 j 07:05	7°♓03'21	
asc. node	-3452 Apr 09 j 01:02	19°♓23'43	
superior conj	-3452 Apr 10 j 08:19	22°♓14'55	0°13'38
minimum elong	-3452 Apr 10 j 07:43	22°♓11'36	0°13'29
behind sun begin	-3452 Apr 10 j 05:06	21°♓57'19	
behind sun end	-3452 Apr 10 j 10:19	22°♓25'54	
max. Earth dist.	-3452 Apr 10 j 07:13	22°♓08'56	1.32552 AU
	-3452 Apr 13 j 21:35	0°♈	
evening rise	-3452 Apr 17 j 07:59	7°♈18'48	
	-3452 Apr 29 j 07:22	0°♉	
evening max el	-3452 May 16 j 14:29	23°♉06'44	26°25'12
desc. node	-3452 May 21 j 03:00	26°♉52'41	
	-3452 May 27 j 11:50	0°♊	
retrograde	-3452 May 30 j 16:19	0°♊25'09	
	-3452 Jun 02 j 19:41	30°℞♉	
evening set	-3452 Jun 06 j 01:07	28°♉42'43	
min. Earth dist.	-3452 Jun 10 j 03:39	26°♉01'44	0.59662 AU
inferior conj	-3452 Jun 13 j 12:37	23°♉21'56	-4°22'15
minimum elong	-3452 Jun 13 j 12:10	23°♉22'48	4°22'08
morning rise	-3452 Jun 21 j 01:31	18°♉47'07	
direct	-3452 Jun 23 j 13:47	18°♉24'23	
morning max el	-3452 Jul 01 j 03:26	22°♉02'50	18°20'00
asc. node	-3452 Jul 06 j 00:29	27°♉57'43	
	-3452 Jul 07 j 09:03	0°♊	
morning set	-3452 Jul 17 j 04:50	17°♊31'58	
	-3452 Jul 23 j 18:56	0°♋	
superior conj	-3452 Jul 26 j 13:35	5°♋08'01	1°46'39
minimum elong	-3452 Jul 26 j 15:19	5°♋15'58	1°46'42
max. Earth dist.	-3452 Aug 03 j 00:46	18°♋22'16	1.40554 AU
evening rise	-3452 Aug 07 j 18:25	26°♋20'06	
	-3452 Aug 10 j 00:17	0°♌	
desc. node	-3452 Aug 17 j 02:12	11°♌08'20	
	-3452 Aug 30 j 02:14	0°♍	
evening max el	-3452 Sep 11 j 04:38	14°♍43'41	23°14'40
retrograde	-3452 Sep 21 j 11:30	20°♍49'04	
evening set	-3452 Sep 26 j 09:43	18°♍46'22	
inferior conj	-3452 Oct 01 j 17:15	12°♍27'33	-0°05'26
minimum elong	-3452 Oct 01 j 17:22	12°♍27'08	0°05'20
transit middle	-3452 Oct 01 j 17:22	12°♍27'08	0°05'20
transit begin	-3452 Oct 01 j 14:49	12°♍35'55	
transit end	-3452 Oct 01 j 19:56	12°♍18'21	
min. Earth dist.	-3452 Oct 01 j 10:20	12°♍51'20	0.67447 AU
asc. node	-3452 Oct 01 j 23:34	12°♍05'50	
morning rise	-3452 Oct 07 j 00:55	6°♍16'06	
direct	-3452 Oct 11 j 06:15	4°♍37'08	
morning max el	-3452 Oct 20 j 01:04	9°♍48'37	21°29'39
	-3452 Nov 04 j 13:44	0°♎	
desc. node	-3452 Nov 13 j 01:55	12°♎40'22	
morning set	-3452 Nov 20 j 06:38	23°♎50'20	
	-3452 Nov 24 j 03:14	0°♏	
max. Earth dist.	-3452 Nov 27 j 12:18	5°♏30'24	1.42045 AU
superior conj	-3452 Dec 04 j 22:11	18°♏00'35	-1°50'17
minimum elong	-3452 Dec 04 j 18:46	17°♏45'52	1°50'12
	-3452 Dec 11 j 17:09	0°♐	
evening rise	-3452 Dec 15 j 23:10	7°♐42'34	
asc. node	-3452 Dec 28 j 22:38	29°♐43'01	
	-3452 Dec 29 j 03:36	0°♑	
evening max el	-3451 Jan 01 j 12:42	3°♑59'35	18°09'13
retrograde	-3451 Jan 08 j 07:46	7°♑27'49	
evening set	-3451 Jan 10 j 23:36	6°♑56'23	
inferior conj	-3451 Jan 17 j 17:35	2°♑00'24	4°01'28
minimum elong	-3451 Jan 17 j 17:29	2°♑00'37	4°01'21
	-3451 Jan 19 j 20:43	30°℞♐	
min. Earth dist.	-3451 Jan 20 j 21:00	29°♐04'34	0.61011 AU
morning rise	-3451 Jan 24 j 10:00	26°♐16'57	
direct	-3451 Jan 31 j 07:37	23°♐58'53	
desc. node	-3451 Feb 09 j 01:15	27°♐10'54	
	-3451 Feb 12 j 14:47	0°♑	
morning max el	-3451 Feb 14 j 10:11	1°♑41'26	27°32'54
	-3451 Mar 07 j 01:20	0°♒	
morning set	-3451 Mar 18 j 14:13	21°♒47'39	
	-3451 Mar 22 j 11:46	0°♓	
max. Earth dist.	-3451 Mar 24 j 19:46	5°♓02'48	1.32614 AU
superior conj	-3451 Mar 25 j 19:36	7°♓12'41	-0°11'32
minimum elong	-3451 Mar 25 j 20:08	7°♓15'32	0°11'28
behind sun begin	-3451 Mar 25 j 16:38	6°♓56'25	
behind sun end	-3451 Mar 25 j 23:38	7°♓34'39	
asc. node	-3451 Mar 26 j 22:02	9°♓36'59	
evening rise	-3451 Apr 01 j 18:43	22°♓15'59	
	-3451 Apr 05 j 13:13	0°♈	
	-3451 Apr 24 j 08:30	0°♉	
evening max el	-3451 Apr 28 j 09:36	4°♉18'31	25°10'59
desc. node	-3451 May 08 j 00:05	10°♉41'31	
retrograde	-3451 May 12 j 10:52	11°♉27'38	
evening set	-3451 May 17 j 16:36	10°♉24'03	
min. Earth dist.	-3451 May 22 j 21:53	7°♉33'20	0.57690 AU
inferior conj	-3451 May 26 j 00:18	5°♉26'11	-4°00'43
minimum elong	-3451 May 25 j 20:11	5°♉33'18	4°00'05
morning rise	-3451 Jun 03 j 02:39	1°♉11'52	
direct	-3451 Jun 05 j 14:38	0°♉53'08	
morning max el	-3451 Jun 14 j 06:59	4°♉56'59	19°01'08
asc. node	-3451 Jun 22 j 21:31	16°♉27'55	
	-3451 Jun 30 j 05:06	0°♊	
morning set	-3451 Jul 01 j 00:33	1°♊35'26	
superior conj	-3451 Jul 09 j 11:49	18°♊12'12	1°48'34

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

minimum elong	-3451 Jul	09 j 11:16	18°♊09'33	1°48'41
	-3451 Jul	15 j 19:27	0°♋	
max. Earth dist.	-3451 Jul	16 j 02:49	0°♋33'18	1.38598 AU
evening rise	-3451 Jul	20 j 00:28	7°♋27'31	
	-3451 Aug	02 j 23:05	0°♌	
desc. node	-3451 Aug	03 j 23:12	1°♌30'22	
evening max el	-3451 Aug	24 j 16:14	28°♌13'13	24°34'39
	-3451 Aug	26 j 13:30	0°♍	
retrograde	-3451 Sep	05 j 01:03	4°♍52'00	
evening set	-3451 Sep	10 j 14:12	2°♍30'23	
	-3451 Sep	13 j 00:12	30°℞♌	
min. Earth dist.	-3451 Sep	15 j 05:31	27°♌09'56	0.67214 AU
inferior conj	-3451 Sep	15 j 22:55	26°♌11'44	-0°59'12
minimum elong	-3451 Sep	16 j 00:19	26°♌07'03	0°58'33
asc. node	-3451 Sep	18 j 20:39	22°♌31'14	
morning rise	-3451 Sep	21 j 10:24	20°♌06'39	
direct	-3451 Sep	25 j 03:31	18°♌47'19	
morning max el	-3451 Oct	02 j 23:03	23°♌19'55	20°16'19
	-3451 Oct	08 j 13:29	0°♍	
	-3451 Oct	28 j 21:35	0°♎	
morning set	-3451 Oct	30 j 05:12	2°♎02'12	
desc. node	-3451 Oct	30 j 22:53	3°♎10'47	
max. Earth dist.	-3451 Nov	09 j 21:39	18°♎51'39	1.43615 AU
superior conj	-3451 Nov	15 j 13:11	28°♎01'45	-1°29'03
minimum elong	-3451 Nov	15 j 06:25	27°♎33'55	1°28'29
	-3451 Nov	16 j 17:53	0°♏	
evening rise	-3451 Nov	28 j 08:43	19°♏43'24	
	-3451 Dec	04 j 07:20	0°♐	
asc. node	-3451 Dec	15 j 19:40	16°♐59'54	
evening max el	-3451 Dec	16 j 01:02	17°♐13'38	18°11'34
retrograde	-3451 Dec	22 j 14:00	20°♐42'58	
evening set	-3451 Dec	25 j 09:19	20°♐03'00	
inferior conj	-3451 Dec	31 j 16:20	14°♐46'13	3°52'07
minimum elong	-3451 Dec	31 j 14:18	14°♐51'37	3°51'45
min. Earth dist.	-3450 Jan	03 j 06:44	12°♐01'14	0.62906 AU
morning rise	-3450 Jan	06 j 18:32	8°♐50'49	
direct	-3450 Jan	13 j 20:05	6°♐08'40	
desc. node	-3450 Jan	26 j 22:20	13°♐10'29	
morning max el	-3450 Jan	27 j 16:06	13°♐53'33	27°42'18
	-3450 Feb	09 j 17:32	0°♑	
	-3450 Feb	27 j 12:17	0°♒	
morning set	-3450 Mar	02 j 15:45	6°♒12'07	
max. Earth dist.	-3450 Mar	08 j 04:05	17°♒39'25	1.33046 AU
superior conj	-3450 Mar	10 j 04:50	22°♒00'51	-0°36'49
minimum elong	-3450 Mar	10 j 06:29	22°♒09'45	0°36'33
asc. node	-3450 Mar	13 j 19:02	29°♒46'55	
	-3450 Mar	13 j 21:28	0°♓	
evening rise	-3450 Mar	17 j 06:25	7°♓12'28	
	-3450 Mar	29 j 09:06	0°♈	
evening max el	-3450 Apr	10 j 01:23	15°♈03'50	23°39'50
retrograde	-3450 Apr	23 j 16:57	21°♈51'52	
desc. node	-3450 Apr	24 j 21:09	21°♈48'46	
evening set	-3450 Apr	27 j 14:15	21°♈18'37	
min. Earth dist.	-3450 May	04 j 12:30	18°♈05'29	0.56109 AU
inferior conj	-3450 May	06 j 15:55	16°♈48'05	-3°00'10
minimum elong	-3450 May	06 j 09:47	16°♈57'21	2°58'32
morning rise	-3450 May	15 j 08:10	12°♈48'42	
direct	-3450 May	17 j 20:40	12°♈32'38	
morning max el	-3450 May	28 j 01:14	17°♈16'18	20°02'49
	-3450 Jun	06 j 15:29	0°♉	
asc. node	-3450 Jun	09 j 18:34	5°♉33'09	
morning set	-3450 Jun	15 j 03:41	16°♉03'52	
	-3450 Jun	22 j 00:02	0°♊	
superior conj	-3450 Jun	23 j 00:02	2°♊00'34	1°41'59
minimum elong	-3450 Jun	22 j 22:02	1°♊50'35	1°41'58
max. Earth dist.	-3450 Jun	28 j 07:07	12°♊22'20	1.36750 AU
evening rise	-3450 Jul	02 j 06:10	19°♊45'19	
	-3450 Jul	08 j 01:44	0°♋	
desc. node	-3450 Jul	21 j 20:11	21°♋34'34	
	-3450 Jul	27 j 23:41	0°♌	
evening max el	-3450 Aug	07 j 03:02	11°♌45'01	25°47'13
retrograde	-3450 Aug	19 j 10:08	18°♌48'35	
evening set	-3450 Aug	25 j 14:10	16°♌10'56	
min. Earth dist.	-3450 Aug	29 j 20:58	11°♌27'38	0.66656 AU
inferior conj	-3450 Aug	31 j 01:47	9°♌55'44	-1°51'54
minimum elong	-3450 Aug	31 j 04:23	9°♌47'26	1°50'49
morning rise	-3450 Sep	05 j 18:44	4°♌00'10	
asc. node	-3450 Sep	05 j 17:45	4°♌01'44	
direct	-3450 Sep	09 j 01:44	2°♌57'33	
morning max el	-3450 Sep	16 j 04:17	7°♌00'01	19°16'29
	-3450 Oct	02 j 14:17	0°♍	
morning set	-3450 Oct	09 j 10:17	10°♍39'52	
desc. node	-3450 Oct	17 j 19:50	23°♍49'15	
	-3450 Oct	21 j 18:07	0°♎	
max. Earth dist.	-3450 Oct	23 j 13:02	2°♎49'18	1.44586 AU
superior conj	-3450 Oct	26 j 01:54	6°♎50'24	-0°51'01
minimum elong	-3450 Oct	25 j 19:50	6°♎26'19	0°50'18
	-3450 Nov	09 j 09:32	0°♏	
evening rise	-3450 Nov	09 j 20:58	0°♏47'07	
	-3450 Nov	28 j 23:57	0°♐	
evening max el	-3450 Nov	29 j 13:23	0°♐35'28	18°32'29
asc. node	-3450 Dec	02 j 16:45	3°♐11'17	
retrograde	-3450 Dec	06 j 04:35	4°♐16'35	
evening set	-3450 Dec	09 j 04:27	3°♐26'46	
	-3450 Dec	13 j 05:55	30°℞♏	
inferior conj	-3450 Dec	15 j 03:01	27°♏51'32	3°26'43
minimum elong	-3450 Dec	15 j 00:03	28°♏00'15	3°25'59
min. Earth dist.	-3450 Dec	17 j 02:32	25°♏32'23	0.64506 AU
morning rise	-3450 Dec	20 j 19:13	21°♏47'22	
direct	-3450 Dec	27 j 15:38	18°♏56'03	
morning max el	-3449 Jan	10 j 01:19	26°♏37'35	27°16'48
	-3449 Jan	13 j 05:45	0°♐	
desc. node	-3449 Jan	13 j 19:23	0°♐38'38	
	-3449 Feb	03 j 07:16	0°♑	
morning set	-3449 Feb	14 j 08:45	20°♑06'17	
max. Earth dist.	-3449 Feb	19 j 04:05	29°♑45'09	1.33880 AU
	-3449 Feb	19 j 06:58	0°♒	
superior conj	-3449 Feb	22 j 10:03	6°♒32'01	-1°01'14
minimum elong	-3449 Feb	22 j 12:41	6°♒45'52	1°00'51
asc. node	-3449 Feb	28 j 16:03	19°♒48'26	
evening rise	-3449 Mar	01 j 17:16	22°♒00'46	
	-3449 Mar	05 j 15:23	0°♓	
evening max el	-3449 Mar	22 j 19:42	25°♓48'27	22°06'01
	-3449 Mar	28 j 08:43	0°♈	
retrograde	-3449 Apr	04 j 11:32	1°♈57'52	
evening set	-3449 Apr	07 j 06:37	1°♈40'32	
desc. node	-3449 Apr	11 j 18:17	0°♈08'45	
	-3449 Apr	12 j 01:47	30°℞♓	
min. Earth dist.	-3449 Apr	16 j 02:17	27°♓52'06	0.55235 AU
inferior conj	-3449 Apr	16 j 15:36	27°♓33'19	-1°20'47
minimum elong	-3449 Apr	16 j 11:57	27°♓38'30	1°19'33
morning rise	-3449 Apr	25 j 18:38	23°♓35'28	
direct	-3449 Apr	28 j 11:33	23°♓19'01	
morning max el	-3449 May	10 j 08:42	28°♓54'20	21°23'39
	-3449 May	11 j 11:39	0°♈	
asc. node	-3449 May	27 j 15:37	25°♈04'10	
morning set	-3449 May	30 j 11:48	0°♉49'54	
	-3449 May	30 j 02:06	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3449 Jun 06 j 22:05	16°♉20'35	1°29'08
minimum elong	-3449 Jun 06 j 19:28	16°♉07'03	1°28'56
max. Earth dist.	-3449 Jun 10 j 18:52	24°♉14'17	1.35181 AU
	-3449 Jun 13 j 16:54	0°♊	
evening rise	-3449 Jun 15 j 06:17	2°♊59'44	
	-3449 Jun 30 j 23:16	0°♋	
desc. node	-3449 Jul 08 j 17:12	11°♋13'14	
evening max el	-3449 Jul 20 j 14:13	25°♋14'35	26°44'23
	-3449 Jul 26 j 09:15	0°♌	
retrograde	-3449 Aug 02 j 14:24	2°♌32'50	
evening set	-3449 Aug 09 j 07:25	29°♋45'49	
	-3449 Aug 09 j 00:30	30°℞♋	
min. Earth dist.	-3449 Aug 13 j 06:25	25°♋40'45	0.65739 AU
inferior conj	-3449 Aug 14 j 23:56	23°♋37'06	-2°41'35
minimum elong	-3449 Aug 15 j 03:28	23°♋26'33	2°40'18
morning rise	-3449 Aug 20 j 23:54	17°♋54'08	
direct	-3449 Aug 23 j 23:05	17°♋04'57	
asc. node	-3449 Aug 23 j 14:53	17°♋05'36	
morning max el	-3449 Aug 30 j 15:15	20°♋46'16	18°32'18
	-3449 Sep 06 j 18:06	0°♌	
morning set	-3449 Sep 19 j 15:27	20°♌30'06	
	-3449 Sep 25 j 13:00	0°♍	
desc. node	-3449 Oct 04 j 16:45	14°♍32'36	
superior conj	-3449 Oct 05 j 01:32	15°♍07'14	-0°02'21
minimum elong	-3449 Oct 05 j 01:13	15°♍06'00	0°02'16
behind sun begin	-3449 Oct 04 j 13:57	14°♍21'34	
behind sun end	-3449 Oct 05 j 12:29	15°♍50'26	
max. Earth dist.	-3449 Oct 06 j 06:55	17°♍03'02	1.44850 AU
	-3449 Oct 14 j 12:25	0°♎	
evening rise	-3449 Oct 21 j 08:36	10°♎47'45	
greatest brilliancy	-3449 Oct 30 j 10:39	25°♎08'06	-0.8m
	-3449 Nov 02 j 14:06	0°♏	
evening max el	-3449 Nov 12 j 23:18	14°♏01'14	19°10'47
retrograde	-3449 Nov 19 j 23:53	18°♏03'00	
asc. node	-3449 Nov 19 j 13:51	18°♏02'00	
evening set	-3449 Nov 23 j 06:05	17°♏01'21	
inferior conj	-3449 Nov 28 j 22:19	11°♏10'45	2°50'21
minimum elong	-3449 Nov 28 j 19:15	11°♏20'29	2°49'22
min. Earth dist.	-3449 Nov 30 j 07:42	9°♏25'12	0.65753 AU
morning rise	-3449 Dec 04 j 08:07	5°♏00'24	
direct	-3449 Dec 10 j 17:36	2°♏13'20	
morning max el	-3449 Dec 23 j 11:03	9°♏41'02	26°22'20
desc. node	-3449 Dec 31 j 16:26	19°♏09'27	
	-3448 Jan 08 j 13:42	0°♐	
	-3448 Jan 26 j 18:41	0°♑	
morning set	-3448 Jan 28 j 13:26	3°♑18'30	
max. Earth dist.	-3448 Feb 01 j 16:39	11°♑14'58	1.35156 AU
superior conj	-3448 Feb 06 j 09:01	20°♑39'21	-1°23'24
minimum elong	-3448 Feb 06 j 12:12	20°♑55'43	1°23'06
	-3448 Feb 10 j 21:17	0°♒	
evening rise	-3448 Feb 14 j 01:26	6°♒34'57	
asc. node	-3448 Feb 15 j 13:05	9°♒37'01	
	-3448 Feb 27 j 01:39	0°♓	
evening max el	-3448 Mar 03 j 22:31	6°♓58'11	20°41'39
retrograde	-3448 Mar 15 j 01:12	12°♓15'59	
evening set	-3448 Mar 17 j 08:41	12°♓03'09	
inferior conj	-3448 Mar 26 j 11:01	8°♓05'23	0°36'21
minimum elong	-3448 Mar 26 j 12:40	8°♓03'01	0°35'43
min. Earth dist.	-3448 Mar 27 j 16:31	7°♓22'46	0.55281 AU
desc. node	-3448 Mar 28 j 15:26	6°♓50'12	
morning rise	-3448 Apr 04 j 15:29	3°♓50'22	
direct	-3448 Apr 07 j 23:42	3°♓26'03	
morning max el	-3448 Apr 21 j 06:12	9°♓53'34	22°58'32
	-3448 May 05 j 20:49	0°♈	
morning set	-3448 May 13 j 22:48	15°♈46'52	
asc. node	-3448 May 13 j 12:38	14°♈53'48	
	-3448 May 20 j 15:08	0°♉	
superior conj	-3448 May 21 j 02:46	1°♉01'59	1°11'41
minimum elong	-3448 May 21 j 00:12	0°♉48'18	1°11'20
max. Earth dist.	-3448 May 23 j 16:29	6°♉27'47	1.33982 AU
evening rise	-3448 May 28 j 19:51	16°♉56'03	
	-3448 Jun 04 j 18:17	0°♊	
	-3448 Jun 24 j 09:31	0°♋	
desc. node	-3448 Jun 24 j 14:17	0°♋14'54	
evening max el	-3448 Jul 02 j 01:27	8°♋32'33	27°18'34
retrograde	-3448 Jul 15 j 13:20	15°♋56'05	
evening set	-3448 Jul 22 j 15:03	13°♋10'09	
min. Earth dist.	-3448 Jul 26 j 07:47	9°♋41'23	0.64445 AU
inferior conj	-3448 Jul 28 j 14:59	7°♋10'59	-3°25'44
minimum elong	-3448 Jul 28 j 18:54	7°♋00'17	3°24'36
morning rise	-3448 Aug 03 j 23:26	1°♋43'36	
direct	-3448 Aug 06 j 17:08	1°♋04'37	
asc. node	-3448 Aug 09 j 11:58	1°♋44'50	
morning max el	-3448 Aug 13 j 05:31	4°♋33'17	18°05'04
	-3448 Aug 30 j 00:37	0°♌	
morning set	-3448 Aug 31 j 00:05	1°♌39'21	
superior conj	-3448 Sep 13 j 10:34	23°♌55'25	0°44'37
minimum elong	-3448 Sep 13 j 15:23	24°♌14'53	0°44'06
	-3448 Sep 17 j 05:32	0°♍	
max. Earth dist.	-3448 Sep 18 j 00:15	1°♍14'27	1.44391 AU
desc. node	-3448 Sep 20 j 13:44	5°♍17'40	
evening rise	-3448 Sep 29 j 21:58	19°♍52'14	
	-3448 Oct 06 j 12:03	0°♎	
greatest brilliancy	-3448 Oct 13 j 14:46	10°♎44'39	-0.6m
evening max el	-3448 Oct 26 j 04:42	27°♎27'51	20°04'47
	-3448 Oct 29 j 00:19	0°♏	
retrograde	-3448 Nov 02 j 21:00	1°♏57'50	
asc. node	-3448 Nov 05 j 10:58	1°♏19'13	
evening set	-3448 Nov 06 j 11:43	0°♏41'52	
	-3448 Nov 07 j 09:04	30°℞♎	
inferior conj	-3448 Nov 11 j 23:28	24°♎39'07	2°06'26
minimum elong	-3448 Nov 11 j 20:52	24°♎47'45	2°05'28
min. Earth dist.	-3448 Nov 12 j 20:09	23°♎30'12	0.66646 AU
morning rise	-3448 Nov 17 j 05:48	18°♎25'09	
direct	-3448 Nov 23 j 01:11	15°♎52'15	
morning max el	-3448 Dec 04 j 19:48	22°♎52'12	25°07'39
	-3448 Dec 11 j 03:25	0°♏	
desc. node	-3448 Dec 17 j 13:26	8°♏24'07	
	-3448 Dec 31 j 21:50	0°♐	
morning set	-3447 Jan 10 j 00:39	15°♐33'31	
max. Earth dist.	-3447 Jan 13 j 17:49	22°♐20'21	1.36862 AU
	-3447 Jan 17 j 18:41	0°♑	
superior conj	-3447 Jan 19 j 22:45	4°♑14'13	-1°41'34
minimum elong	-3447 Jan 20 j 01:46	4°♑29'08	1°41'27
evening rise	-3447 Jan 28 j 04:50	20°♑48'34	
asc. node	-3447 Feb 01 j 10:08	29°♑07'16	
	-3447 Feb 01 j 21:13	0°♒	
evening max el	-3447 Feb 14 j 12:06	18°♒44'08	19°33'46
retrograde	-3447 Feb 23 j 22:12	23°♒12'46	
evening set	-3447 Feb 26 j 05:33	22°♒57'55	
inferior conj	-3447 Mar 06 j 16:11	18°♒53'03	2°18'30
minimum elong	-3447 Mar 06 j 20:59	18°♒45'20	2°17'03
min. Earth dist.	-3447 Mar 09 j 07:14	17°♒12'17	0.56232 AU
morning rise	-3447 Mar 15 j 09:50	14°♒09'10	
desc. node	-3447 Mar 15 j 12:33	14°♒06'58	
direct	-3447 Mar 19 j 20:59	13°♒24'08	
morning max el	-3447 Apr 02 j 21:41	20°♒29'56	24°37'40
	-3447 Apr 11 j 00:17	0°♓	
morning set	-3447 Apr 28 j 11:01	0°♈49'16	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3447 Apr 28 j 01:37	0°♈	
asc. node	-3447 Apr 30 j 09:38	4°♈56'39	
superior conj	-3447 May 05 j 11:43	15°♈57'05	0°50'53
minimum elong	-3447 May 05 j 09:40	15°♈45'57	0°50'31
max. Earth dist.	-3447 May 06 j 22:54	19°♈07'04	1.33157 AU
	-3447 May 12 j 02:49	0°♉	
evening rise	-3447 May 12 j 18:55	1°♉22'14	
	-3447 May 28 j 16:53	0°♊	
desc. node	-3447 Jun 11 j 11:23	18°♊23'55	
evening max el	-3447 Jun 14 j 10:52	21°♊26'51	27°23'26
retrograde	-3447 Jun 28 j 06:00	28°♊49'33	
evening set	-3447 Jul 05 j 09:33	26°♊18'05	
min. Earth dist.	-3447 Jul 08 j 23:32	23°♊18'41	0.62792 AU
inferior conj	-3447 Jul 11 j 20:08	20°♊31'27	-4°00'37
minimum elong	-3447 Jul 11 j 23:28	20°♊23'16	3°59'57
morning rise	-3447 Jul 18 j 14:29	15°♊22'40	
direct	-3447 Jul 21 j 04:56	14°♊51'15	
asc. node	-3447 Jul 27 j 09:02	17°♊48'20	
morning max el	-3447 Jul 27 j 20:26	18°♊15'35	17°55'49
	-3447 Aug 05 j 08:04	0°♋	
morning set	-3447 Aug 13 j 07:53	13°♋55'26	
	-3447 Aug 22 j 12:27	0°♌	
superior conj	-3447 Aug 24 j 20:40	3°♌58'37	1°19'51
minimum elong	-3447 Aug 25 j 02:08	4°♌21'39	1°19'24
max. Earth dist.	-3447 Aug 31 j 14:29	15°♌07'23	1.43276 AU
desc. node	-3447 Sep 07 j 10:42	26°♌01'22	
evening rise	-3447 Sep 09 j 02:26	28°♌36'25	
	-3447 Sep 09 j 23:59	0°♍	
	-3447 Sep 30 j 07:27	0°♎	
evening max el	-3447 Oct 09 j 04:16	10°♎54'21	21°11'52
retrograde	-3447 Oct 17 j 17:52	15°♎58'53	
evening set	-3447 Oct 21 j 19:20	14°♎26'00	
asc. node	-3447 Oct 23 j 08:03	13°♎02'54	
inferior conj	-3447 Oct 27 j 04:14	8°♎14'19	1°17'28
minimum elong	-3447 Oct 27 j 02:31	8°♎20'12	1°16'46
min. Earth dist.	-3447 Oct 27 j 13:35	7°♎42'15	0.67206 AU
morning rise	-3447 Nov 01 j 09:32	1°♎59'20	
	-3447 Nov 04 j 20:57	30°℞♍	
direct	-3447 Nov 06 j 13:39	29°♍46'23	
	-3447 Nov 08 j 08:05	0°♎	
morning max el	-3447 Nov 17 j 04:35	6°♎06'41	23°42'37
desc. node	-3447 Dec 04 j 10:26	28°♎10'05	
	-3447 Dec 05 j 16:34	0°♏	
morning set	-3447 Dec 22 j 12:11	26°♏34'36	
	-3447 Dec 24 j 12:06	0°♐	
max. Earth dist.	-3447 Dec 26 j 13:31	3°♐35'42	1.38878 AU
superior conj	-3446 Jan 02 j 23:20	17°♐05'36	-1°53'16
minimum elong	-3446 Jan 03 j 01:01	17°♐13'31	1°53'20
	-3446 Jan 09 j 16:34	0°♑	
evening rise	-3446 Jan 12 j 00:57	4°♑34'46	
asc. node	-3446 Jan 19 j 07:10	18°♑12'05	
	-3446 Jan 27 j 10:21	0°♒	
evening max el	-3446 Jan 28 j 11:19	1°♒03'36	18°45'08
retrograde	-3446 Feb 05 j 12:15	4°♒56'51	
evening set	-3446 Feb 07 j 22:57	4°♒36'39	
inferior conj	-3446 Feb 15 j 15:59	0°♒14'02	3°25'44
minimum elong	-3446 Feb 15 j 20:02	0°♒06'27	3°24'55
	-3446 Feb 15 j 23:29	30°℞♑	
min. Earth dist.	-3446 Feb 18 j 23:27	27°♑47'12	0.57864 AU
morning rise	-3446 Feb 23 j 14:38	25°♑01'25	
direct	-3446 Mar 01 j 06:52	23°♑42'31	
desc. node	-3446 Mar 02 j 09:39	23°♑45'35	
	-3446 Mar 14 j 07:25	0°♒	
morning max el	-3446 Mar 15 j 13:17	1°♒09'48	26°06'47
	-3446 Apr 04 j 21:40	0°♓	
morning set	-3446 Apr 12 j 22:39	15°♓49'48	
asc. node	-3446 Apr 17 j 06:38	25°♓06'54	
superior conj	-3446 Apr 19 j 22:53	0°♈57'49	0°27'43
minimum elong	-3446 Apr 19 j 21:41	0°♈51'16	0°27'27
	-3446 Apr 19 j 12:19	0°♈	
max. Earth dist.	-3446 Apr 20 j 10:42	2°♈02'27	1.32679 AU
evening rise	-3446 Apr 27 j 00:19	16°♈06'39	
	-3446 May 04 j 01:44	0°♉	
	-3446 May 24 j 01:34	0°♊	
evening max el	-3446 May 27 j 15:40	3°♊43'59	26°55'35
desc. node	-3446 May 29 j 08:28	5°♊17'01	
retrograde	-3446 Jun 10 j 15:19	11°♊03'50	
evening set	-3446 Jun 17 j 10:41	9°♊00'22	
min. Earth dist.	-3446 Jun 21 j 05:11	6°♊17'42	0.60853 AU
inferior conj	-3446 Jun 24 j 11:55	3°♊29'22	-4°20'37
minimum elong	-3446 Jun 24 j 13:17	3°♊26'25	4°20'26
	-3446 Jun 29 j 00:46	30°℞♉	
morning rise	-3446 Jul 01 j 17:38	28°♉41'49	
direct	-3446 Jul 04 j 06:32	28°♉16'09	
	-3446 Jul 09 j 06:11	0°♊	
morning max el	-3446 Jul 11 j 09:12	1°♊45'47	18°05'30
asc. node	-3446 Jul 14 j 06:04	4°♊59'56	
morning set	-3446 Jul 27 j 09:10	27°♊02'14	
	-3446 Jul 28 j 23:27	0°♋	
superior conj	-3446 Aug 06 j 09:59	15°♋22'54	1°40'39
minimum elong	-3446 Aug 06 j 13:16	15°♋37'28	1°40'34
max. Earth dist.	-3446 Aug 13 j 23:30	28°♋25'37	1.41643 AU
	-3446 Aug 14 j 22:07	0°♌	
evening rise	-3446 Aug 19 j 17:32	7°♌51'33	
desc. node	-3446 Aug 25 j 07:42	16°♌40'07	
	-3446 Sep 03 j 04:34	0°♍	
evening max el	-3446 Sep 21 j 21:47	24°♍20'37	22°28'24
	-3446 Sep 30 j 15:45	0°♎	
retrograde	-3446 Oct 01 j 12:52	0°♎03'43	
	-3446 Oct 02 j 09:34	30°℞♍	
evening set	-3446 Oct 06 j 03:09	28°♍11'57	
asc. node	-3446 Oct 10 j 05:07	23°♍36'07	
inferior conj	-3446 Oct 11 j 10:44	21°♍54'42	0°25'22
minimum elong	-3446 Oct 11 j 10:08	21°♍56'44	0°25'07
min. Earth dist.	-3446 Oct 11 j 09:35	21°♍58'38	0.67446 AU
morning rise	-3446 Oct 16 j 17:01	15°♍41'20	
direct	-3446 Oct 21 j 06:15	13°♍50'18	
morning max el	-3446 Oct 30 j 16:32	19°♍26'17	22°16'38
	-3446 Nov 08 j 11:41	0°♎	
desc. node	-3446 Nov 21 j 07:24	18°♎18'31	
	-3446 Nov 28 j 21:52	0°♏	
morning set	-3446 Dec 02 j 19:18	6°♏12'36	
max. Earth dist.	-3446 Dec 08 j 11:51	15°♏35'24	1.40946 AU
superior conj	-3446 Dec 16 j 05:49	29°♏01'04	-1°55'10
minimum elong	-3446 Dec 16 j 04:38	28°♏55'45	1°55'14
	-3446 Dec 16 j 19:00	0°♐	
evening rise	-3446 Dec 26 j 10:47	17°♐46'57	
	-3445 Jan 02 j 02:42	0°♑	
asc. node	-3445 Jan 06 j 04:13	6°♑43'35	
evening max el	-3445 Jan 11 j 17:50	13°♑50'18	18°16'33
retrograde	-3445 Jan 18 j 20:49	17°♑23'54	
evening set	-3445 Jan 21 j 10:46	16°♑56'54	
inferior conj	-3445 Jan 28 j 12:17	12°♑13'03	3°56'56
minimum elong	-3445 Jan 28 j 13:42	12°♑09'57	3°56'43
min. Earth dist.	-3445 Jan 31 j 20:16	9°♑20'52	0.59841 AU
morning rise	-3445 Feb 04 j 14:50	6°♑38'27	
direct	-3445 Feb 11 j 04:45	4°♑40'40	
desc. node	-3445 Feb 17 j 06:43	6°♑13'50	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3445 Feb 25 j 10:08	12°♉19'32	27°11'10	
	-3445 Mar 11 j 08:45	0°♒		
	-3445 Mar 27 j 23:52	0°♓		
morning set	-3445 Mar 28 j 08:00	0°♓42'10		
superior conj	-3445 Apr 04 j 10:35	15°♓58'11	0°03'03	
minimum elong	-3445 Apr 04 j 10:27	15°♓57'27	0°03'00	
behind sun begin	-3445 Apr 04 j 05:31	15°♓30'27		
behind sun end	-3445 Apr 04 j 15:23	16°♓24'28		
max. Earth dist.	-3445 Apr 04 j 00:09	15°♓01'06	1.32538 AU	
asc. node	-3445 Apr 04 j 03:39	15°♓20'12		
	-3445 Apr 10 j 22:04	0°♈		
evening rise	-3445 Apr 11 j 09:40	1°♈01'02		
	-3445 Apr 27 j 07:29	0°♉		
evening max el	-3445 May 09 j 14:01	15°♉17'38	25°56'23	
desc. node	-3445 May 16 j 05:33	20°♉23'39		
retrograde	-3445 May 23 j 15:58	22°♉33'06		
evening set	-3445 May 29 j 14:47	21°♉07'04		
min. Earth dist.	-3445 Jun 03 j 02:29	18°♉24'06	0.58805 AU	
inferior conj	-3445 Jun 06 j 10:43	15°♉55'27	-4°17'20	
minimum elong	-3445 Jun 06 j 08:43	15°♉59'12	4°17'07	
morning rise	-3445 Jun 14 j 05:14	11°♉30'01		
direct	-3445 Jun 16 j 17:27	11°♉09'04		
morning max el	-3445 Jun 24 j 17:00	14°♉56'04	18°35'00	
asc. node	-3445 Jul 01 j 03:07	23°♉05'09		
	-3445 Jul 05 j 05:29	0°♊		
morning set	-3445 Jul 10 j 23:13	10°♊47'40		
superior conj	-3445 Jul 19 j 21:54	27°♊55'38	1°48'39	
minimum elong	-3445 Jul 19 j 22:34	27°♊58'47	1°48'47	
	-3445 Jul 21 j 00:38	0°♋		
max. Earth dist.	-3445 Jul 27 j 02:59	10°♋59'05	1.39723 AU	
evening rise	-3445 Jul 31 j 08:26	18°♋14'37		
	-3445 Aug 07 j 13:33	0°♌		
desc. node	-3445 Aug 12 j 04:41	7°♌09'40		
	-3445 Aug 28 j 13:47	0°♍		
evening max el	-3445 Sep 04 j 10:38	7°♍47'38	23°49'04	
retrograde	-3445 Sep 15 j 04:49	14°♍08'30		
evening set	-3445 Sep 20 j 09:22	11°♍57'18		
min. Earth dist.	-3445 Sep 25 j 05:47	6°♍16'46	0.67384 AU	
inferior conj	-3445 Sep 25 j 17:11	5°♍37'56	-0°28'17	
minimum elong	-3445 Sep 25 j 17:51	5°♍35'40	0°27'57	
asc. node	-3445 Sep 27 j 02:12	3°♍46'57		
	-3445 Sep 30 j 11:05	30°℞♌		
morning rise	-3445 Oct 01 j 02:17	29°♌28'59		
direct	-3445 Oct 05 j 02:05	27°♌58'55		
	-3445 Oct 10 j 04:14	0°♍		
morning max el	-3445 Oct 13 j 10:27	2°♍53'07	20°57'01	
	-3445 Nov 02 j 10:57	0°♎		
desc. node	-3445 Nov 08 j 04:21	8°♎42'11		
morning set	-3445 Nov 12 j 01:05	14°♎41'20		
max. Earth dist.	-3445 Nov 20 j 16:37	28°♎27'18	1.42771 AU	
	-3445 Nov 21 j 15:22	0°♏		
superior conj	-3445 Nov 27 j 12:24	9°♏45'56	-1°43'22	
minimum elong	-3445 Nov 27 j 07:21	9°♏24'33	1°43'05	
evening rise	-3445 Dec 09 j 06:27	0°♐16'08		
	-3445 Dec 09 j 02:50	0°♐		
asc. node	-3445 Dec 24 j 01:16	24°♐31'04		
evening max el	-3445 Dec 26 j 04:49	26°♐55'58	18°07'52	
	-3445 Dec 30 j 15:29	0°♑		
retrograde	-3444 Jan 01 j 20:25	0°♑23'36		
	-3444 Jan 04 j 01:52	30°℞♐		
evening set	-3444 Jan 04 j 13:29	29°♐48'50		
inferior conj	-3444 Jan 11 j 02:28	24°♐43'48	3°59'52	
minimum elong	-3444 Jan 11 j 01:26	24°♐46'23	3°59'40	
min. Earth dist.	-3444 Jan 14 j 00:51	21°♐50'02	0.61841 AU	
morning rise	-3444 Jan 17 j 12:15	18°♐54'25		
direct	-3444 Jan 24 j 12:41	16°♐24'14		
desc. node	-3444 Feb 04 j 03:47	21°♐06'24		
morning max el	-3444 Feb 07 j 13:13	24°♐09'13	27°41'24	
	-3444 Feb 12 j 21:06	0°♑		
	-3444 Mar 03 j 14:38	0°♒		
morning set	-3444 Mar 11 j 13:03	15°♒18'54		
max. Earth dist.	-3444 Mar 17 j 11:17	27°♒48'27	1.32745 AU	
	-3444 Mar 18 j 11:35	0°♓		
superior conj	-3444 Mar 18 j 21:12	0°♓52'16	-0°22'19	
minimum elong	-3444 Mar 18 j 22:13	0°♓57'46	0°22'09	
asc. node	-3444 Mar 21 j 00:40	5°♓32'22		
evening rise	-3444 Mar 25 j 21:00	15°♓58'07		
	-3444 Apr 01 j 21:49	0°♈		
evening max el	-3444 Apr 20 j 06:56	26°♈14'45	24°33'27	
	-3444 Apr 24 j 20:28	0°♉		
desc. node	-3444 May 02 j 02:38	3°♉07'16		
retrograde	-3444 May 04 j 05:55	3°♉17'50		
evening set	-3444 May 08 j 21:45	2°♉28'43		
	-3444 May 13 j 23:15	30°℞♈		
min. Earth dist.	-3444 May 14 j 18:55	29°♈29'41	0.56942 AU	
inferior conj	-3444 May 17 j 13:46	27°♈41'48	-3°40'13	
minimum elong	-3444 May 17 j 08:23	27°♈50'33	3°39'07	
morning rise	-3444 May 25 j 22:09	23°♈35'12		
direct	-3444 May 28 j 09:56	23°♈17'59		
morning max el	-3444 Jun 06 j 16:59	27°♈37'10	19°24'58	
	-3444 Jun 08 j 23:52	0°♉		
asc. node	-3444 Jun 17 j 00:10	11°♉51'40		
morning set	-3444 Jun 23 j 22:28	25°♉02'57		
	-3444 Jun 26 j 09:48	0°♊		
superior conj	-3444 Jul 02 j 02:44	11°♊21'01	1°46'40	
minimum elong	-3444 Jul 02 j 01:27	11°♊14'48	1°46'45	
max. Earth dist.	-3444 Jul 08 j 04:49	22°♊56'20	1.37781 AU	
evening rise	-3444 Jul 12 j 01:11	29°♊54'09		
	-3444 Jul 12 j 02:31	0°♋		
desc. node	-3444 Jul 29 j 01:42	27°♋25'22		
	-3444 Jul 30 j 20:14	0°♌		
evening max el	-3444 Aug 16 j 21:32	21°♌18'26	25°06'52	
retrograde	-3444 Aug 28 j 16:44	28°♌09'49		
evening set	-3444 Sep 03 j 12:13	25°♌40'51		
min. Earth dist.	-3444 Sep 07 j 23:47	20°♌35'45	0.67016 AU	
inferior conj	-3444 Sep 08 j 21:55	19°♌22'59	-1°21'48	
minimum elong	-3444 Sep 08 j 23:51	19°♌16'38	1°20'57	
asc. node	-3444 Sep 12 j 23:18	14°♌35'17		
morning rise	-3444 Sep 14 j 11:32	13°♌21'23		
direct	-3444 Sep 17 j 23:58	12°♌09'42		
morning max el	-3444 Sep 25 j 11:39	16°♌28'49	19°48'57	
	-3444 Oct 05 j 21:31	0°♍		
morning set	-3444 Oct 20 j 23:24	22°♍55'40		
desc. node	-3444 Oct 25 j 01:19	29°♍16'32		
	-3444 Oct 25 j 12:27	0°♎		
max. Earth dist.	-3444 Nov 02 j 04:13	12°♎03'52	1.44110 AU	
superior conj	-3444 Nov 06 j 15:35	19°♎14'07	-1°14'47	
minimum elong	-3444 Nov 06 j 08:24	18°♎45'06	1°14'04	
	-3444 Nov 13 j 05:31	0°♏		
evening rise	-3444 Nov 20 j 07:27	11°♏53'22		
	-3444 Dec 01 j 03:33	0°♐		
evening max el	-3444 Dec 08 j 17:30	10°♐13'57	18°18'18	
asc. node	-3444 Dec 09 j 22:19	11°♐21'52		
retrograde	-3444 Dec 15 j 06:33	13°♐47'04		
evening set	-3444 Dec 18 j 03:35	13°♐03'12		
inferior conj	-3444 Dec 24 j 06:45	7°♐38'32	3°42'54	
minimum elong	-3444 Dec 24 j 04:12	7°♐45'37	3°42'23	
min. Earth dist.	-3444 Dec 26 j 15:00	5°♐02'49	0.63632 AU	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3444 Dec 30 j 04:12	1°♐39'02	
	-3443 Jan 01 j 16:01	30°℞♏	
direct	-3443 Jan 06 j 04:36	28°♏50'44	
	-3443 Jan 11 j 01:03	0°♐	
morning max el	-3443 Jan 19 j 20:46	6°♐35'43	27°35'19
desc. node	-3443 Jan 21 j 00:51	7°♐47'00	
	-3443 Feb 06 j 20:01	0°♑	
morning set	-3443 Feb 23 j 11:20	29°♑31'33	
	-3443 Feb 23 j 17:03	0°♒	
max. Earth dist.	-3443 Feb 28 j 16:16	10°♒11'42	1.33342 AU
superior conj	-3443 Mar 03 j 04:59	15°♒33'59	-0°47'21
minimum elong	-3443 Mar 03 j 07:05	15°♒45'12	0°47'02
asc. node	-3443 Mar 07 j 21:41	25°♒39'05	
	-3443 Mar 09 j 22:45	0°♓	
evening rise	-3443 Mar 10 j 08:33	0°♓51'33	
	-3443 Mar 26 j 21:38	0°♈	
evening max el	-3443 Apr 01 j 23:07	6°♈56'39	22°59'33
retrograde	-3443 Apr 15 j 06:50	13°♈30'18	
evening set	-3443 Apr 18 j 15:11	13°♈05'49	
desc. node	-3443 Apr 18 j 23:45	13°♈00'25	
min. Earth dist.	-3443 Apr 26 j 09:18	9°♈39'24	0.55625 AU
inferior conj	-3443 Apr 27 j 21:41	8°♈46'33	-2°22'03
minimum elong	-3443 Apr 27 j 16:01	8°♈54'49	2°20'20
morning rise	-3443 May 06 j 19:09	4°♈49'30	
direct	-3443 May 09 j 08:35	4°♈33'50	
morning max el	-3443 May 20 j 06:44	9°♈39'16	20°35'06
	-3443 Jun 03 j 06:47	0°♉	
asc. node	-3443 Jun 03 j 21:13	1°♉08'45	
morning set	-3443 Jun 08 j 04:01	9°♉39'37	
superior conj	-3443 Jun 15 j 19:35	25°♉24'06	1°37'12
minimum elong	-3443 Jun 15 j 17:14	25°♉12'09	1°37'06
	-3443 Jun 18 j 02:17	0°♊	
max. Earth dist.	-3443 Jun 20 j 11:40	4°♊43'10	1.36039 AU
evening rise	-3443 Jun 24 j 15:26	12°♊38'19	
	-3443 Jul 04 j 13:44	0°♋	
desc. node	-3443 Jul 15 j 22:44	17°♋20'00	
	-3443 Jul 25 j 19:22	0°♌	
evening max el	-3443 Jul 30 j 08:39	4°♌51'03	26°13'56
retrograde	-3443 Aug 11 j 23:53	12°♌01'57	
evening set	-3443 Aug 18 j 09:38	9°♌19'39	
min. Earth dist.	-3443 Aug 22 j 13:07	4°♌52'18	0.66312 AU
inferior conj	-3443 Aug 23 j 23:05	3°♌06'46	-2°13'29
minimum elong	-3443 Aug 24 j 02:07	2°♌57'18	2°12'16
	-3443 Aug 26 j 14:14	30°℞♋	
morning rise	-3443 Aug 29 j 18:48	27°♋15'51	
asc. node	-3443 Aug 30 j 20:25	26°♋43'58	
direct	-3443 Sep 01 j 22:13	26°♋19'16	
	-3443 Sep 08 j 14:51	0°♌	
morning max el	-3443 Sep 08 j 19:31	0°♌11'47	18°55'35
	-3443 Sep 29 j 06:53	0°♍	
morning set	-3443 Sep 30 j 13:32	2°♍01'18	
desc. node	-3443 Oct 11 j 22:18	19°♍57'37	
max. Earth dist.	-3443 Oct 15 j 21:00	26°♍10'30	1.44795 AU
superior conj	-3443 Oct 16 j 20:23	27°♍42'44	-0°31'00
minimum elong	-3443 Oct 16 j 16:23	27°♍26'56	0°30'29
	-3443 Oct 18 j 07:10	0°♎	
evening rise	-3443 Nov 01 j 09:25	22°♎30'27	
	-3443 Nov 06 j 00:26	0°♏	
evening max el	-3443 Nov 22 j 05:12	23°♏38'36	18°46'48
asc. node	-3443 Nov 26 j 19:24	27°♏01'09	
retrograde	-3443 Nov 28 j 23:25	27°♏27'03	
evening set	-3443 Dec 02 j 01:50	26°♏32'23	
inferior conj	-3443 Dec 07 j 21:29	20°♏50'25	3°12'22
minimum elong	-3443 Dec 07 j 18:22	20°♏59'50	3°11'30
min. Earth dist.	-3443 Dec 09 j 14:51	18°♏44'58	0.65086 AU
morning rise	-3443 Dec 13 j 10:35	14°♏43'36	
direct	-3443 Dec 20 j 03:04	11°♏52'32	
morning max el	-3442 Jan 02 j 06:17	19°♏29'05	26°56'39
desc. node	-3442 Jan 07 j 21:54	25°♏44'37	
	-3442 Jan 11 j 07:08	0°♐	
	-3442 Jan 30 j 19:51	0°♑	
morning set	-3442 Feb 06 j 23:40	13°♑09'46	
max. Earth dist.	-3442 Feb 11 j 11:36	22°♑02'08	1.34368 AU
superior conj	-3442 Feb 15 j 07:55	29°♑56'40	-1°10'59
minimum elong	-3442 Feb 15 j 10:51	0°♒11'58	1°10'38
	-3442 Feb 15 j 08:33	0°♒	
evening rise	-3442 Feb 22 j 18:33	15°♒35'15	
asc. node	-3442 Feb 22 j 18:43	15°♒36'08	
	-3442 Mar 02 j 02:52	0°♓	
evening max el	-3442 Mar 14 j 20:44	17°♓50'33	21°28'30
retrograde	-3442 Mar 26 j 21:33	23°♓38'05	
evening set	-3442 Mar 29 j 10:06	23°♓23'38	
desc. node	-3442 Apr 05 j 20:52	20°♓25'31	
inferior conj	-3442 Apr 07 j 17:53	19°♓22'56	-0°31'21
minimum elong	-3442 Apr 07 j 16:24	19°♓25'00	0°30'53
min. Earth dist.	-3442 Apr 07 j 23:08	19°♓15'33	0.55141 AU
morning rise	-3442 Apr 16 j 22:58	15°♓20'03	
direct	-3442 Apr 19 j 21:09	15°♓01'17	
morning max el	-3442 May 02 j 09:33	20°♓59'22	22°02'43
	-3442 May 09 j 23:05	0°♈	
asc. node	-3442 May 21 j 18:16	20°♈48'38	
morning set	-3442 May 23 j 13:36	24°♈31'10	
	-3442 May 26 j 04:20	0°♉	
superior conj	-3442 May 30 j 20:47	9°♉54'02	1°22'13
minimum elong	-3442 May 30 j 18:07	9°♉40'03	1°21'56
max. Earth dist.	-3442 Jun 03 j 03:54	16°♉44'20	1.34630 AU
evening rise	-3442 Jun 07 j 21:51	26°♉12'10	
	-3442 Jun 09 j 21:31	0°♊	
	-3442 Jun 27 j 22:30	0°♋	
desc. node	-3442 Jul 02 j 19:48	6°♋44'18	
evening max el	-3442 Jul 12 j 20:13	18°♋17'33	27°02'09
retrograde	-3442 Jul 26 j 01:41	25°♋38'01	
evening set	-3442 Aug 01 j 23:09	22°♋50'12	
min. Earth dist.	-3442 Aug 05 j 19:21	19°♋01'01	0.65241 AU
inferior conj	-3442 Aug 07 j 18:31	16°♋45'27	-3°01'10
minimum elong	-3442 Aug 07 j 22:18	16°♋34'34	2°59'54
morning rise	-3442 Aug 13 j 21:54	11°♋08'37	
direct	-3442 Aug 16 j 18:35	10°♋23'58	
asc. node	-3442 Aug 17 j 17:32	10°♋28'56	
morning max el	-3442 Aug 23 j 08:09	13°♋58'33	18°18'34
	-3442 Sep 03 j 16:58	0°♌	
morning set	-3442 Sep 11 j 06:41	12°♌26'27	
	-3442 Sep 22 j 01:44	0°♍	
superior conj	-3442 Sep 25 j 21:14	6°♍04'53	0°18'34
minimum elong	-3442 Sep 25 j 23:34	6°♍14'08	0°18'19
max. Earth dist.	-3442 Sep 28 j 15:36	10°♍27'33	1.44749 AU
desc. node	-3442 Sep 28 j 19:16	10°♍42'01	
	-3442 Oct 11 j 02:41	0°♎	
evening rise	-3442 Oct 12 j 10:48	2°♎05'23	
greatest brilliancy	-3442 Oct 23 j 19:50	19°♎44'05	-0.7m
	-3442 Oct 30 j 19:35	0°♏	
evening max el	-3442 Nov 05 j 13:26	7°♏05'04	19°31'57
retrograde	-3442 Nov 12 j 19:47	11°♏17'42	
asc. node	-3442 Nov 13 j 16:30	11°♏13'25	
evening set	-3442 Nov 16 j 05:26	10°♏10'04	
inferior conj	-3442 Nov 21 j 19:33	4°♏13'44	2°32'28
minimum elong	-3442 Nov 21 j 16:37	4°♏23'15	2°31'27
min. Earth dist.	-3442 Nov 22 j 23:15	2°♏43'58	0.66179 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3442 Nov 25 j 04:58	30°℞♎	
morning rise	-3442 Nov 27 j 03:34	28°♎01'45	
direct	-3442 Dec 03 j 07:17	25°♎20'03	
	-3442 Dec 12 j 20:28	0°♏	
morning max el	-3442 Dec 15 j 15:40	2°♏36'52	25°52'31
desc. node	-3442 Dec 25 j 18:55	14°♏35'44	
	-3441 Jan 05 j 12:00	0°♐	
morning set	-3441 Jan 20 j 21:34	25°♐59'13	
	-3441 Jan 23 j 01:16	0°♑	
max. Earth dist.	-3441 Jan 24 j 19:20	3°♑20'10	1.35839 AU
superior conj	-3441 Jan 30 j 03:19	13°♑51'05	-1°31'44
minimum elong	-3441 Jan 30 j 06:34	14°♑07'26	1°31'29
evening rise	-3441 Feb 07 j 00:57	0°♒01'30	
	-3441 Feb 07 j 00:39	0°♒	
asc. node	-3441 Feb 09 j 15:44	5°♒17'34	
evening max el	-3441 Feb 25 j 03:56	29°♒14'22	20°10'27
	-3441 Feb 25 j 23:53	0°♓	
retrograde	-3441 Mar 07 j 12:56	4°♓10'25	
evening set	-3441 Mar 09 j 19:33	3°♓57'11	
inferior conj	-3441 Mar 18 j 15:48	29°♒57'42	1°23'10
minimum elong	-3441 Mar 18 j 19:16	29°♒52'30	1°21'58
	-3441 Mar 18 j 14:16	30°℞♒	
min. Earth dist.	-3441 Mar 20 j 13:09	28°♒49'52	0.55587 AU
desc. node	-3441 Mar 23 j 17:59	27°♒04'15	
morning rise	-3441 Mar 27 j 17:09	25°♒31'32	
direct	-3441 Mar 31 j 11:42	25°♒00'22	
	-3441 Apr 12 j 04:19	0°♓	
morning max el	-3441 Apr 14 j 03:47	1°♓45'32	23°41'02
	-3441 May 03 j 08:32	0°♈	
morning set	-3441 May 08 j 01:19	9°♈30'57	
asc. node	-3441 May 08 j 15:17	10°♈44'20	
superior conj	-3441 May 15 j 03:31	24°♈41'40	1°03'12
minimum elong	-3441 May 15 j 01:07	24°♈28'47	1°02'50
max. Earth dist.	-3441 May 17 j 05:39	29°♈09'14	1.33585 AU
	-3441 May 17 j 15:14	0°♉	
evening rise	-3441 May 22 j 15:51	10°♉21'50	
	-3441 Jun 02 j 05:45	0°♊	
desc. node	-3441 Jun 19 j 16:52	25°♊25'30	
	-3441 Jun 23 j 20:04	0°♋	
evening max el	-3441 Jun 25 j 06:51	1°♋26'16	27°24'27
retrograde	-3441 Jul 08 j 21:56	8°♋49'46	
evening set	-3441 Jul 16 j 01:40	6°♋07'59	
min. Earth dist.	-3441 Jul 19 j 16:31	2°♋53'14	0.63784 AU
inferior conj	-3441 Jul 22 j 05:42	0°♋14'02	-3°41'56
minimum elong	-3441 Jul 22 j 09:31	0°♋04'03	3°40'59
	-3441 Jul 22 j 11:05	30°℞♊	
morning rise	-3441 Jul 28 j 18:13	24°♊54'30	
direct	-3441 Jul 31 j 10:21	24°♊18'58	
asc. node	-3441 Aug 04 j 14:37	25°♊45'39	
morning max el	-3441 Aug 06 j 23:04	27°♊44'23	17°58'59
	-3441 Aug 08 j 23:51	0°♋	
morning set	-3441 Aug 24 j 01:51	24°♋06'03	
	-3441 Aug 27 j 12:05	0°♌	
superior conj	-3441 Sep 05 j 15:57	15°♌22'27	1°01'18
minimum elong	-3441 Sep 05 j 21:34	15°♌45'30	1°00'44
max. Earth dist.	-3441 Sep 11 j 08:16	24°♌34'32	1.43986 AU
	-3441 Sep 14 j 18:11	0°♍	
desc. node	-3441 Sep 15 j 16:15	1°♍26'57	
evening rise	-3441 Sep 21 j 18:13	10°♍55'47	
	-3441 Oct 04 j 07:51	0°♎	
evening max el	-3441 Oct 19 j 16:24	20°♎31'41	20°31'48
retrograde	-3441 Oct 27 j 17:11	25°♎16'02	
evening set	-3441 Oct 31 j 12:11	23°♎53'04	
asc. node	-3441 Oct 31 j 13:35	23°♎50'31	
inferior conj	-3441 Nov 05 j 22:30	17°♎45'48	1°46'12
minimum elong	-3441 Nov 05 j 20:15	17°♎53'27	1°45'19
min. Earth dist.	-3441 Nov 06 j 14:09	16°♎52'51	0.66921 AU
morning rise	-3441 Nov 11 j 04:07	11°♎30'59	
direct	-3441 Nov 16 j 16:55	9°♎06'23	
morning max el	-3441 Nov 28 j 00:26	15°♎50'54	24°32'13
	-3441 Dec 09 j 17:10	0°♏	
desc. node	-3441 Dec 12 j 15:55	4°♏05'07	
	-3441 Dec 29 j 10:51	0°♐	
morning set	-3440 Jan 02 j 23:30	7°♐44'59	
max. Earth dist.	-3440 Jan 06 j 17:32	14°♐26'24	1.37698 AU
superior conj	-3440 Jan 13 j 11:58	27°♐08'34	-1°47'30
minimum elong	-3440 Jan 13 j 14:36	27°♐21'17	1°47'28
	-3440 Jan 14 j 23:14	0°♑	
evening rise	-3440 Jan 22 j 01:35	14°♑04'19	
asc. node	-3440 Jan 27 j 12:44	24°♑37'43	
	-3440 Jan 30 j 13:31	0°♒	
evening max el	-3440 Feb 07 j 21:43	11°♒14'30	19°10'33
retrograde	-3440 Feb 16 j 16:43	15°♒26'34	
evening set	-3440 Feb 19 j 01:10	15°♒09'51	
inferior conj	-3440 Feb 27 j 04:15	10°♒58'09	2°51'43
minimum elong	-3440 Feb 27 j 09:08	10°♒49'47	2°50'26
min. Earth dist.	-3440 Mar 01 j 04:23	8°♒55'36	0.56861 AU
morning rise	-3440 Mar 06 j 14:20	6°♒00'59	
desc. node	-3440 Mar 09 j 15:04	5°♒12'04	
direct	-3440 Mar 11 j 13:57	5°♒03'02	
morning max el	-3440 Mar 25 j 18:46	12°♒20'16	25°17'45
	-3440 Apr 08 j 10:16	0°♓	
morning set	-3440 Apr 21 j 13:27	24°♓32'55	
	-3440 Apr 24 j 02:54	0°♈	
asc. node	-3440 Apr 24 j 12:16	0°♈50'34	
superior conj	-3440 Apr 28 j 13:36	9°♈39'38	0°41'16
minimum elong	-3440 Apr 28 j 11:53	9°♈30'15	0°40'57
max. Earth dist.	-3440 Apr 29 j 14:35	11°♈55'28	1.32906 AU
evening rise	-3440 May 05 j 17:52	24°♈56'13	
	-3440 May 08 j 06:06	0°♉	
	-3440 May 25 j 20:53	0°♊	
desc. node	-3440 Jun 05 j 13:57	13°♊05'01	
evening max el	-3440 Jun 06 j 14:19	14°♊04'44	27°15'39
retrograde	-3440 Jun 20 j 11:50	21°♊27'19	
evening set	-3440 Jun 27 j 13:19	19°♊05'52	
min. Earth dist.	-3440 Jul 01 j 03:51	16°♊15'40	0.61986 AU
inferior conj	-3440 Jul 04 j 05:33	13°♊25'19	-4°11'23
minimum elong	-3440 Jul 04 j 08:15	13°♊19'02	4°10'58
morning rise	-3440 Jul 11 j 04:37	8°♊25'38	
direct	-3440 Jul 13 j 18:06	7°♊56'59	
morning max el	-3440 Jul 20 j 13:27	11°♊22'24	17°57'38
asc. node	-3440 Jul 21 j 11:40	12°♊19'42	
	-3440 Aug 01 j 23:55	0°♋	
morning set	-3440 Aug 05 j 17:41	6°♋44'37	
superior conj	-3440 Aug 16 j 13:55	26°♋00'46	1°30'23
minimum elong	-3440 Aug 16 j 18:38	26°♋21'05	1°30'06
	-3440 Aug 18 j 21:54	0°♌	
max. Earth dist.	-3440 Aug 23 j 19:56	8°♌12'15	1.42622 AU
evening rise	-3440 Aug 31 j 00:45	19°♌45'55	
desc. node	-3440 Sep 01 j 13:14	22°♌08'44	
	-3440 Sep 06 j 15:42	0°♍	
	-3440 Sep 28 j 00:00	0°♎	
evening max el	-3440 Oct 01 j 13:13	3°♎57'17	21°43'32
retrograde	-3440 Oct 10 j 13:32	9°♎18'36	
evening set	-3440 Oct 14 j 20:05	7°♎38'01	
asc. node	-3440 Oct 17 j 10:40	4°♎59'42	
inferior conj	-3440 Oct 20 j 04:14	1°♎23'24	0°55'42
minimum elong	-3440 Oct 20 j 02:58	1°♎27'45	0°55'10

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3440 Oct 20 j 09:05	1°♎06'40	0.67340 AU	
	-3440 Oct 21 j 04:30	30°℞♍		
morning rise	-3440 Oct 25 j 09:41	25°♍08'29		
direct	-3440 Oct 30 j 07:18	23°♍04'45		
morning max el	-3440 Nov 09 j 10:09	29°♍07'04	23°05'38	
	-3440 Nov 10 j 06:36	0°♎		
desc. node	-3440 Nov 28 j 12:54	24°♎01'20		
	-3440 Dec 02 j 12:41	0°♏		
morning set	-3440 Dec 13 j 23:19	18°♏11'18		
max. Earth dist.	-3440 Dec 18 j 12:55	25°♏55'08	1.39766 AU	
	-3440 Dec 20 j 21:08	0°♐		
superior conj	-3440 Dec 26 j 05:31	9°♐37'40	-1°55'30	
minimum elong	-3440 Dec 26 j 06:10	9°♐40'41	1°55'36	
evening rise	-3439 Jan 04 j 17:44	27°♐36'43		
	-3439 Jan 05 j 23:42	0°♑		
asc. node	-3439 Jan 13 j 09:45	13°♑29'27		
evening max el	-3439 Jan 21 j 00:26	23°♑46'53	18°30'33	
retrograde	-3439 Jan 28 j 14:41	27°♑29'43		
evening set	-3439 Jan 31 j 02:46	27°♑06'51		
inferior conj	-3439 Feb 07 j 12:54	22°♑35'47	3°42'59	
minimum elong	-3439 Feb 07 j 15:56	22°♑29'45	3°42'28	
min. Earth dist.	-3439 Feb 10 j 22:27	19°♑54'54	0.58684 AU	
morning rise	-3439 Feb 15 j 02:46	17°♑12'43		
direct	-3439 Feb 21 j 05:39	15°♑36'47		
desc. node	-3439 Feb 24 j 12:08	16°♑03'36		
morning max el	-3439 Mar 07 j 12:11	23°♑10'38	26°37'49	
	-3439 Mar 13 j 15:01	0°♒		
	-3439 Apr 01 j 07:20	0°♓		
morning set	-3439 Apr 06 j 00:21	9°♓31'01		
asc. node	-3439 Apr 11 j 09:16	21°♓02'49		
superior conj	-3439 Apr 13 j 01:14	24°♓41'32	0°17'23	
minimum elong	-3439 Apr 13 j 00:28	24°♓37'20	0°17'13	
max. Earth dist.	-3439 Apr 13 j 03:25	24°♓53'26	1.32574 AU	
	-3439 Apr 15 j 11:31	0°♈		
evening rise	-3439 Apr 20 j 01:14	9°♈46'17		
	-3439 Apr 30 j 14:23	0°♉		
evening max el	-3439 May 19 j 16:35	26°♉04'13	26°34'03	
desc. node	-3439 May 23 j 11:00	29°♉17'25		
	-3439 May 24 j 10:41	0°♊		
retrograde	-3439 Jun 02 j 18:01	3°♊22'59		
evening set	-3439 Jun 09 j 05:55	1°♊34'59		
	-3439 Jun 11 j 18:20	30°℞♉		
min. Earth dist.	-3439 Jun 13 j 05:57	28°♉54'00	0.59974 AU	
inferior conj	-3439 Jun 16 j 14:36	26°♉11'21	-4°22'44	
minimum elong	-3439 Jun 16 j 14:41	26°♉11'11	4°22'39	
morning rise	-3439 Jun 24 j 01:35	21°♉33'06		
direct	-3439 Jun 26 j 14:00	21°♉09'39		
morning max el	-3439 Jul 04 j 00:29	24°♉45'29	18°15'32	
asc. node	-3439 Jul 08 j 08:44	29°♉56'01		
	-3439 Jul 08 j 09:52	0°♊		
morning set	-3439 Jul 20 j 00:57	20°♊09'15		
	-3439 Jul 25 j 06:17	0°♋		
superior conj	-3439 Jul 29 j 13:33	7°♋55'54	1°45'26	
minimum elong	-3439 Jul 29 j 15:41	8°♋05'35	1°45'29	
max. Earth dist.	-3439 Aug 06 j 02:01	21°♋10'03	1.40847 AU	
evening rise	-3439 Aug 11 j 01:09	29°♋27'30		
	-3439 Aug 11 j 09:06	0°♌		
desc. node	-3439 Aug 19 j 10:13	12°♌43'56		
	-3439 Aug 31 j 04:40	0°♍		
evening max el	-3439 Sep 14 j 04:34	17°♍23'39	23°02'39	
retrograde	-3439 Sep 24 j 07:18	23°♍23'09		
evening set	-3439 Sep 29 j 03:25	21°♍23'21		
inferior conj	-3439 Oct 04 j 10:55	15°♍04'55	0°02'43	
minimum elong	-3439 Oct 04 j 10:51	15°♍05'09	0°02'43	
transit middle	-3439 Oct 04 j 10:51	15°♍05'09	0°02'43	
transit begin	-3439 Oct 04 j 08:12	15°♍14'19		
transit end	-3439 Oct 04 j 13:31	14°♍55'59		
min. Earth dist.	-3439 Oct 04 j 05:32	15°♍23'29	0.67457 AU	
asc. node	-3439 Oct 04 j 07:46	15°♍15'47		
morning rise	-3439 Oct 09 j 18:11	8°♍52'53		
direct	-3439 Oct 14 j 01:33	7°♍10'45		
morning max el	-3439 Oct 23 j 00:09	12°♍28'16	21°41'33	
	-3439 Nov 05 j 17:40	0°♎		
desc. node	-3439 Nov 15 j 09:53	14°♎16'39		
morning set	-3439 Nov 23 j 18:25	27°♎15'02		
	-3439 Nov 25 j 11:45	0°♏		
max. Earth dist.	-3439 Nov 30 j 13:24	8°♏15'36	1.41768 AU	
superior conj	-3439 Dec 08 j 02:34	21°♏04'49	-1°52'04	
minimum elong	-3439 Dec 07 j 23:45	20°♏52'35	1°52'03	
	-3439 Dec 13 j 03:24	0°♐		
evening rise	-3439 Dec 18 j 22:01	10°♐31'13		
	-3439 Dec 30 j 02:32	0°♑		
asc. node	-3439 Dec 31 j 06:48	1°♑43'37		
evening max el	-3438 Jan 04 j 09:18	6°♑43'01	18°10'31	
retrograde	-3438 Jan 11 j 06:02	10°♑12'08		
evening set	-3438 Jan 13 j 21:25	9°♑41'49		
inferior conj	-3438 Jan 20 j 17:14	4°♑48'55	4°01'04	
minimum elong	-3438 Jan 20 j 17:32	4°♑48'15	4°00'56	
min. Earth dist.	-3438 Jan 23 j 22:06	1°♑53'22	0.60709 AU	
	-3438 Jan 26 j 05:53	30°℞♐		
morning rise	-3438 Jan 27 j 12:10	29°♐07'41		
direct	-3438 Feb 03 j 08:13	26°♐54'36		
desc. node	-3438 Feb 11 j 09:13	29°♐37'31		
	-3438 Feb 11 j 22:56	0°♑		
morning max el	-3438 Feb 17 j 11:29	4°♑36'04	27°28'27	
	-3438 Mar 08 j 08:14	0°♒		
morning set	-3438 Mar 21 j 08:08	24°♒17'34		
	-3438 Mar 24 j 01:25	0°♓		
max. Earth dist.	-3438 Mar 27 j 16:23	7°♓49'15	1.32585 AU	
superior conj	-3438 Mar 28 j 12:42	9°♓40'04	-0°07'41	
minimum elong	-3438 Mar 28 j 13:02	9°♓41'58	0°07'39	
behind sun begin	-3438 Mar 28 j 08:36	9°♓17'43		
behind sun end	-3438 Mar 28 j 17:29	10°♓06'14		
asc. node	-3438 Mar 29 j 06:15	11°♓16'02		
evening rise	-3438 Apr 04 j 11:42	24°♓43'00		
	-3438 Apr 07 j 00:59	0°♈		
	-3438 Apr 24 j 23:36	0°♉		
evening max el	-3438 May 01 j 12:33	7°♉21'28	25°23'24	
desc. node	-3438 May 10 j 08:06	13°♉27'54		
retrograde	-3438 May 15 j 14:06	14°♉32'15		
evening set	-3438 May 21 j 00:36	13°♉23'00		
min. Earth dist.	-3438 May 26 j 00:48	10°♉34'47	0.57975 AU	
inferior conj	-3438 May 29 j 05:16	8°♉21'31	-4°06'23	
minimum elong	-3438 May 29 j 01:40	8°♉27'51	4°05'52	
morning rise	-3438 Jun 06 j 05:33	4°♉04'23		
direct	-3438 Jun 08 j 17:39	3°♉45'02		
morning max el	-3438 Jun 17 j 05:13	7°♉43'57	18°53'40	
asc. node	-3438 Jun 25 j 05:47	18°♉19'58		
	-3438 Jul 01 j 16:14	0°♊		
morning set	-3438 Jul 03 j 19:19	4°♊08'26		
superior conj	-3438 Jul 12 j 09:19	20°♊52'26	1°48'53	
minimum elong	-3438 Jul 12 j 09:03	20°♊51'13	1°49'00	
	-3438 Jul 17 j 06:38	0°♋		
max. Earth dist.	-3438 Jul 19 j 04:30	3°♋27'16	1.38892 AU	
evening rise	-3438 Jul 23 j 03:21	10°♋23'29		
	-3438 Aug 04 j 05:29	0°♌		
desc. node	-3438 Aug 06 j 07:13	3°♌08'07		
	-3438 Aug 26 j 19:40	0°♍		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3438 Aug 27 j 16:27	0°♍52'37	24°23'01
retrograde	-3438 Sep 07 j 21:28	7°♍26'49	
evening set	-3438 Sep 13 j 08:26	5°♍07'45	
	-3438 Sep 17 j 19:42	30°℞♌	
min. Earth dist.	-3438 Sep 18 j 01:03	29°♌42'08	0.67269 AU
inferior conj	-3438 Sep 18 j 16:53	28°♌48'53	-0°51'06
minimum elong	-3438 Sep 18 j 18:05	28°♌44'50	0°50'32
asc. node	-3438 Sep 21 j 04:53	25°♌35'30	
morning rise	-3438 Sep 24 j 03:42	22°♌42'49	
direct	-3438 Sep 27 j 22:30	21°♌20'46	
morning max el	-3438 Oct 05 j 21:07	25°♌58'33	20°26'28
	-3438 Oct 09 j 10:15	0°♍	
	-3438 Oct 30 j 04:47	0°♎	
desc. node	-3438 Nov 02 j 06:51	4°♎45'25	
morning set	-3438 Nov 02 j 18:09	5°♎29'10	
max. Earth dist.	-3438 Nov 12 j 21:52	21°♎30'39	1.43413 AU
	-3438 Nov 18 j 02:59	0°♏	
superior conj	-3438 Nov 18 j 21:42	1°♏17'19	-1°33'22
minimum elong	-3438 Nov 18 j 15:16	0°♏50'42	1°32'54
evening rise	-3438 Dec 01 j 10:22	22°♏39'43	
	-3438 Dec 05 j 15:14	0°♐	
asc. node	-3438 Dec 18 j 03:53	19°♐08'59	
evening max el	-3438 Dec 18 j 21:24	19°♐55'01	18°10'01
retrograde	-3438 Dec 25 j 10:47	23°♐23'38	
evening set	-3438 Dec 28 j 05:30	22°♐45'01	
inferior conj	-3437 Jan 03 j 13:57	17°♐31'06	3°54'40
minimum elong	-3437 Jan 03 j 12:09	17°♐35'48	3°54'22
min. Earth dist.	-3437 Jan 06 j 06:27	14°♐43'24	0.62637 AU
morning rise	-3437 Jan 09 j 17:58	11°♐37'05	
direct	-3437 Jan 16 j 19:29	8°♐57'42	
desc. node	-3437 Jan 29 j 06:17	15°♐20'33	
morning max el	-3437 Jan 30 j 16:51	16°♐42'41	27°43'14
	-3437 Feb 10 j 18:17	0°♑	
	-3437 Feb 28 j 23:34	0°♒	
morning set	-3437 Mar 05 j 10:40	8°♒45'13	
max. Earth dist.	-3437 Mar 11 j 01:38	20°♒29'02	1.32958 AU
superior conj	-3437 Mar 12 j 22:21	24°♒29'35	-0°33'00
minimum elong	-3437 Mar 12 j 23:50	24°♒37'37	0°32'46
	-3437 Mar 15 j 11:20	0°♓	
asc. node	-3437 Mar 16 j 03:16	1°♓26'18	
evening rise	-3437 Mar 19 j 23:23	9°♓39'31	
	-3437 Mar 30 j 13:54	0°♈	
evening max el	-3437 Apr 13 j 04:22	18°♈08'17	23°53'51
retrograde	-3437 Apr 26 j 22:12	25°♈00'54	
desc. node	-3437 Apr 27 j 05:12	25°♈00'42	
evening set	-3437 May 01 j 00:17	24°♈23'54	
min. Earth dist.	-3437 May 07 j 15:42	21°♈14'49	0.56306 AU
inferior conj	-3437 May 09 j 23:43	19°♈49'06	-3°12'02
minimum elong	-3437 May 09 j 17:39	19°♈58'27	3°10'32
morning rise	-3437 May 18 j 14:00	15°♈48'21	
direct	-3437 May 21 j 02:15	15°♈32'04	
morning max el	-3437 May 31 j 01:00	20°♈08'46	19°52'25
	-3437 Jun 07 j 19:59	0°♉	
asc. node	-3437 Jun 12 j 02:50	7°♉20'10	
morning set	-3437 Jun 17 j 21:32	18°♉33'27	
	-3437 Jun 23 j 12:55	0°♊	
superior conj	-3437 Jun 25 j 19:46	4°♊35'08	1°43'27
minimum elong	-3437 Jun 25 j 17:56	4°♊26'02	1°43'27
max. Earth dist.	-3437 Jul 01 j 07:59	15°♊17'26	1.37008 AU
evening rise	-3437 Jul 05 j 05:50	22°♊31'31	
	-3437 Jul 09 j 11:25	0°♋	
desc. node	-3437 Jul 24 j 04:15	23°♋15'35	
	-3437 Jul 29 j 00:04	0°♌	
evening max el	-3437 Aug 10 j 03:09	14°♌23'54	25°37'10
retrograde	-3437 Aug 22 j 07:21	21°♌24'49	
evening set	-3437 Aug 28 j 09:15	18°♌49'08	
min. Earth dist.	-3437 Sep 01 j 17:13	14°♌00'13	0.66760 AU
inferior conj	-3437 Sep 02 j 20:18	12°♌33'05	-1°44'07
minimum elong	-3437 Sep 02 j 22:44	12°♌25'16	1°43'03
asc. node	-3437 Sep 08 j 02:01	6°♌53'39	
morning rise	-3437 Sep 08 j 12:22	6°♌35'58	
direct	-3437 Sep 11 j 20:40	5°♌31'11	
morning max el	-3437 Sep 19 j 01:24	9°♌37'40	19°24'24
	-3437 Oct 03 j 20:32	0°♍	
morning set	-3437 Oct 12 j 20:46	13°♍58'39	
desc. node	-3437 Oct 20 j 03:49	25°♍22'47	
	-3437 Oct 23 j 02:26	0°♎	
max. Earth dist.	-3437 Oct 26 j 12:19	5°♎22'58	1.44484 AU
superior conj	-3437 Oct 29 j 13:49	10°♎14'48	-0°57'42
minimum elong	-3437 Oct 29 j 07:15	9°♎48'39	0°56'56
	-3437 Nov 10 j 18:00	0°♏	
evening rise	-3437 Nov 13 j 02:02	3°♏52'05	
	-3437 Nov 29 j 14:50	0°♐	
evening max el	-3437 Dec 02 j 09:53	3°♐15'28	18°28'15
asc. node	-3437 Dec 05 j 01:00	5°♐30'54	
retrograde	-3437 Dec 09 j 00:22	6°♐54'23	
evening set	-3437 Dec 11 j 23:25	6°♐06'12	
inferior conj	-3437 Dec 17 j 23:05	0°♐33'36	3°31'18
minimum elong	-3437 Dec 17 j 20:12	0°♐41'57	3°30'39
	-3437 Dec 18 j 10:39	30°℞♏	
min. Earth dist.	-3437 Dec 20 j 00:52	28°♏09'46	0.64288 AU
morning rise	-3437 Dec 23 j 16:31	24°♏30'26	
direct	-3437 Dec 30 j 14:07	21°♏39'25	
morning max el	-3436 Jan 13 j 01:47	29°♏22'27	27°22'35
	-3436 Jan 13 j 16:43	0°♐	
desc. node	-3436 Jan 16 j 03:20	2°♐36'44	
	-3436 Feb 04 j 15:05	0°♑	
morning set	-3436 Feb 17 j 05:11	22°♑44'26	
	-3436 Feb 20 j 20:05	0°♒	
max. Earth dist.	-3436 Feb 22 j 03:02	2°♒39'19	1.33724 AU
superior conj	-3436 Feb 25 j 04:19	9°♒03'28	-0°57'38
minimum elong	-3436 Feb 25 j 06:48	9°♒16'42	0°57'17
asc. node	-3436 Mar 02 j 00:18	21°♒29'09	
evening rise	-3436 Mar 03 j 10:29	24°♒29'08	
	-3436 Mar 06 j 02:45	0°♓	
evening max el	-3436 Mar 24 j 21:55	28°♓51'14	22°19'40
	-3436 Mar 26 j 04:03	0°♈	
retrograde	-3436 Apr 06 j 18:30	5°♈07'42	
evening set	-3436 Apr 09 j 16:28	4°♈48'56	
desc. node	-3436 Apr 13 j 02:17	3°♈43'54	
min. Earth dist.	-3436 Apr 18 j 05:42	1°♈06'41	0.55304 AU
inferior conj	-3436 Apr 19 j 01:16	0°♈38'55	-1°37'43
minimum elong	-3436 Apr 18 j 20:57	0°♈45'04	1°36'18
	-3436 Apr 20 j 04:51	30°℞♓	
morning rise	-3436 Apr 28 j 03:05	26°♓41'51	
direct	-3436 Apr 30 j 18:44	26°♓25'50	
	-3436 May 10 j 04:31	0°♈	
morning max el	-3436 May 12 j 10:10	1°♈53'25	21°10'34
asc. node	-3436 May 28 j 23:52	26°♈47'44	
	-3436 May 30 j 14:23	0°♉	
morning set	-3436 Jun 01 j 05:04	3°♉17'21	
superior conj	-3436 Jun 08 j 16:36	18°♉51'22	1°31'26
minimum elong	-3436 Jun 08 j 14:03	18°♉38'08	1°31'15
max. Earth dist.	-3436 Jun 12 j 18:16	27°♉07'02	1.35390 AU
	-3436 Jun 14 j 05:16	0°♊	
evening rise	-3436 Jun 17 j 03:36	5°♊38'48	
	-3436 Jul 01 j 05:32	0°♋	
desc. node	-3436 Jul 10 j 01:18	12°♋58'58	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3436 Jul 22 j 14:19	27°♋54'37	26°37'08
	-3436 Jul 24 j 21:00	0°♌	
retrograde	-3436 Aug 04 j 12:29	5°♌11'31	
evening set	-3436 Aug 11 j 03:40	2°♌25'25	
	-3436 Aug 13 j 15:03	30°℞♋	
min. Earth dist.	-3436 Aug 15 j 03:46	28°♋14'35	0.65900 AU
inferior conj	-3436 Aug 16 j 19:19	26°♋15'24	-2°34'22
minimum elong	-3436 Aug 16 j 22:44	26°♋05'05	2°33'05
morning rise	-3436 Aug 22 j 18:08	20°♋30'15	
asc. node	-3436 Aug 24 j 23:07	19°♋42'55	
direct	-3436 Aug 25 j 18:18	19°♋39'19	
morning max el	-3436 Sep 01 j 11:39	23°♋23'24	18°37'46
	-3436 Sep 06 j 19:39	0°♌	
morning set	-3436 Sep 21 j 21:52	23°♌36'51	
	-3436 Sep 25 j 21:23	0°♍	
desc. node	-3436 Oct 06 j 00:49	16°♍05'49	
superior conj	-3436 Oct 07 j 14:06	18°♍32'44	-0°09'54
minimum elong	-3436 Oct 07 j 12:48	18°♍27'35	0°09'42
behind sun begin	-3436 Oct 07 j 03:32	17°♍51'06	
behind sun end	-3436 Oct 07 j 22:03	19°♍04'04	
max. Earth dist.	-3436 Oct 08 j 05:50	19°♍34'41	1.44862 AU
	-3436 Oct 14 j 20:40	0°♎	
evening rise	-3436 Oct 23 j 17:24	14°♎01'51	
greatest brilliancy	-3436 Oct 31 j 17:40	26°♎45'35	-0.8m
	-3436 Nov 02 j 19:11	0°♏	
evening max el	-3436 Nov 14 j 20:18	16°♏40'39	19°04'03
asc. node	-3436 Nov 20 j 22:05	20°♏34'23	
retrograde	-3436 Nov 21 j 19:03	20°♏38'42	
evening set	-3436 Nov 25 j 00:11	19°♏38'59	
inferior conj	-3436 Nov 30 j 17:16	13°♏50'37	2°56'22
minimum elong	-3436 Nov 30 j 14:10	14°♏00'21	2°55'25
min. Earth dist.	-3436 Dec 02 j 04:43	11°♏59'39	0.65594 AU
morning rise	-3436 Dec 06 j 03:49	7°♏41'03	
direct	-3436 Dec 12 j 15:16	4°♏52'28	
morning max el	-3436 Dec 25 j 11:28	12°♏23'06	26°31'53
desc. node	-3435 Jan 02 j 00:23	20°♏59'03	
	-3435 Jan 08 j 17:02	0°♐	
	-3435 Jan 27 j 05:29	0°♑	
morning set	-3435 Jan 30 j 11:58	6°♑03'29	
max. Earth dist.	-3435 Feb 03 j 17:13	14°♑13'12	1.34932 AU
superior conj	-3435 Feb 08 j 04:21	23°♑14'45	-1°20'16
minimum elong	-3435 Feb 08 j 07:30	23°♑30'57	1°19'56
	-3435 Feb 11 j 10:25	0°♒	
evening rise	-3435 Feb 15 j 19:09	9°♒05'32	
asc. node	-3435 Feb 16 j 21:19	11°♒19'52	
	-3435 Feb 27 j 01:40	0°♓	
evening max el	-3435 Mar 06 j 23:20	9°♓56'27	20°53'23
retrograde	-3435 Mar 18 j 08:00	15°♓21'54	
evening set	-3435 Mar 20 j 16:18	15°♓08'55	
inferior conj	-3435 Mar 29 j 20:25	11°♓11'06	0°18'46
minimum elong	-3435 Mar 29 j 21:17	11°♓09'52	0°18'25
desc. node	-3435 Mar 30 j 23:24	10°♓32'33	
min. Earth dist.	-3435 Mar 30 j 19:53	10°♓37'32	0.55210 AU
morning rise	-3435 Apr 08 j 01:25	6°♓59'39	
direct	-3435 Apr 11 j 06:40	6°♓37'05	
morning max el	-3435 Apr 24 j 08:56	12°♓57'33	22°43'50
	-3435 May 07 j 03:48	0°♈	
asc. node	-3435 May 15 j 20:52	16°♈34'51	
morning set	-3435 May 16 j 15:45	18°♈12'57	
	-3435 May 22 j 05:00	0°♉	
superior conj	-3435 May 23 j 20:27	3°♉29'56	1°14'35
minimum elong	-3435 May 23 j 17:50	3°♉16'04	1°14'15
max. Earth dist.	-3435 May 26 j 14:29	9°♉17'03	1.34137 AU
evening rise	-3435 May 31 j 15:26	19°♉29'42	

	-3435 Jun 06 j 04:33	0°♊	
	-3435 Jun 25 j 06:58	0°♋	
desc. node	-3435 Jun 26 j 22:21	2°♋06'56	
evening max el	-3435 Jul 05 j 01:44	11°♋15'17	27°15'13
retrograde	-3435 Jul 18 j 12:10	18°♋38'10	
evening set	-3435 Jul 25 j 12:55	15°♋51'28	
min. Earth dist.	-3435 Jul 29 j 06:31	12°♋17'25	0.64665 AU
inferior conj	-3435 Jul 31 j 11:34	9°♋50'43	-3°19'31
minimum elong	-3435 Jul 31 j 15:29	9°♋39'53	3°18'22
morning rise	-3435 Aug 06 j 18:39	4°♋20'39	
direct	-3435 Aug 09 j 13:03	3°♋40'17	
asc. node	-3435 Aug 11 j 20:11	4°♋08'02	
morning max el	-3435 Aug 16 j 01:32	7°♋10'17	18°07'58
	-3435 Aug 31 j 09:10	0°♌	
morning set	-3435 Sep 03 j 02:36	4°♌35'08	
superior conj	-3435 Sep 16 j 20:25	27°♌12'34	0°38'07
minimum elong	-3435 Sep 17 j 00:44	27°♌29'55	0°37'37
	-3435 Sep 18 j 14:14	0°♍	
max. Earth dist.	-3435 Sep 20 j 23:32	3°♍47'57	1.44510 AU
desc. node	-3435 Sep 22 j 21:48	6°♍50'55	
evening rise	-3435 Oct 03 j 09:34	23°♍13'32	
	-3435 Oct 07 j 18:50	0°♎	
greatest brilliancy	-3435 Oct 16 j 15:33	13°♎29'27	-0.7m
	-3435 Oct 28 j 23:34	0°♏	
evening max el	-3435 Oct 29 j 02:31	0°♏07'38	19°55'50
retrograde	-3435 Nov 05 j 16:01	4°♏32'45	
asc. node	-3435 Nov 07 j 19:09	4°♏06'27	
evening set	-3435 Nov 09 j 05:21	3°♏19'01	
	-3435 Nov 12 j 15:03	30°℞♎	
inferior conj	-3435 Nov 14 j 17:41	27°♎17'53	2°13'30
minimum elong	-3435 Nov 14 j 14:59	27°♎26'49	2°12'29
min. Earth dist.	-3435 Nov 15 j 16:09	26°♎03'32	0.66539 AU
morning rise	-3435 Nov 20 j 00:23	21°♎04'28	
direct	-3435 Nov 25 j 22:02	18°♎28'59	
morning max el	-3435 Dec 07 j 20:16	25°♎33'32	25°19'41
	-3435 Dec 11 j 22:11	0°♏	
desc. node	-3435 Dec 19 j 21:25	10°♏08'16	
	-3434 Jan 02 j 05:43	0°♐	
morning set	-3434 Jan 13 j 02:09	18°♐28'03	
max. Earth dist.	-3434 Jan 16 j 19:55	25°♐20'58	1.36584 AU
	-3434 Jan 19 j 06:41	0°♑	
superior conj	-3434 Jan 22 j 19:41	6°♑55'13	-1°39'12
minimum elong	-3434 Jan 22 j 22:48	7°♑10'41	1°39'01
evening rise	-3434 Jan 30 j 23:23	23°♑22'45	
	-3434 Feb 03 j 07:21	0°♒	
asc. node	-3434 Feb 03 j 18:20	0°♒53'13	
evening max el	-3434 Feb 17 j 11:16	21°♒36'41	19°42'42
retrograde	-3434 Feb 27 j 03:01	26°♒11'56	
evening set	-3434 Mar 01 j 10:06	25°♒57'34	
inferior conj	-3434 Mar 09 j 23:20	21°♒54'30	2°05'01
minimum elong	-3434 Mar 10 j 03:56	21°♒47'16	2°03'35
min. Earth dist.	-3434 Mar 12 j 10:20	20°♒22'03	0.56040 AU
desc. node	-3434 Mar 17 j 20:28	17°♒35'05	
morning rise	-3434 Mar 18 j 19:19	17°♒15'25	
direct	-3434 Mar 23 j 02:03	16°♒34'27	
morning max el	-3434 Apr 06 j 00:50	23°♒35'13	24°23'10
	-3434 Apr 11 j 19:06	0°♓	
	-3434 Apr 29 j 14:25	0°♈	
morning set	-3434 May 01 j 03:52	3°♈14'37	
asc. node	-3434 May 02 j 17:52	6°♈35'51	
superior conj	-3434 May 08 j 04:51	18°♈22'57	0°54'12
minimum elong	-3434 May 08 j 02:42	18°♈11'17	0°53'51
max. Earth dist.	-3434 May 09 j 19:49	21°♈52'48	1.33259 AU
	-3434 May 13 j 16:03	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening rise	-3434 May 15 j 13:15	3°♉51'40	
	-3434 May 29 j 22:29	0°♊	
desc. node	-3434 Jun 13 j 19:23	20°♊24'33	
evening max el	-3434 Jun 17 j 11:35	24°♊13'32	27°24'43
	-3434 Jun 25 j 04:58	0°♋	
retrograde	-3434 Jul 01 j 05:38	1°♋36'08	
	-3434 Jul 06 j 21:16	30°℞♊	
evening set	-3434 Jul 08 j 09:35	29°♊01'37	
min. Earth dist.	-3434 Jul 11 j 23:38	25°♊58'34	0.63063 AU
inferior conj	-3434 Jul 14 j 18:21	23°♊13'05	-3°56'08
minimum elong	-3434 Jul 14 j 21:52	23°♊04'20	3°55'25
morning rise	-3434 Jul 21 j 11:09	18°♊01'21	
direct	-3434 Jul 24 j 02:00	17°♊28'53	
asc. node	-3434 Jul 29 j 17:15	19°♊59'18	
morning max el	-3434 Jul 30 j 16:28	20°♊53'06	17°56'00
	-3434 Aug 06 j 13:19	0°♋	
morning set	-3434 Aug 16 j 07:16	16°♋41'50	
	-3434 Aug 23 j 22:24	0°♌	
superior conj	-3434 Aug 28 j 02:16	7°♌02'53	1°15'27
minimum elong	-3434 Aug 28 j 07:54	7°♌26'24	1°14'58
max. Earth dist.	-3434 Sep 03 j 14:37	17°♌45'27	1.43479 AU
desc. node	-3434 Sep 09 j 18:46	27°♌34'49	
	-3434 Sep 11 j 07:54	0°♍	
evening rise	-3434 Sep 12 j 14:05	1°♍57'19	
	-3434 Oct 01 j 09:16	0°♎	
evening max el	-3434 Oct 12 j 02:59	13°♎34'09	21°01'09
retrograde	-3434 Oct 20 j 13:02	18°♎33'11	
evening set	-3434 Oct 24 j 12:48	17°♎02'52	
asc. node	-3434 Oct 25 j 16:13	16°♎03'38	
inferior conj	-3434 Oct 29 j 22:01	10°♎52'13	1°25'11
minimum elong	-3434 Oct 29 j 20:09	10°♎58'36	1°24'24
min. Earth dist.	-3434 Oct 30 j 08:56	10°♎14'53	0.67142 AU
morning rise	-3434 Nov 04 j 03:20	4°♎37'17	
direct	-3434 Nov 09 j 09:42	2°♎21'18	
morning max el	-3434 Nov 20 j 04:58	8°♎47'52	23°55'36
desc. node	-3434 Dec 06 j 18:25	29°♎50'15	
	-3434 Dec 06 j 21:08	0°♏	
morning set	-3434 Dec 25 j 17:34	29°♏41'01	
	-3434 Dec 25 j 22:00	0°♐	
max. Earth dist.	-3434 Dec 29 j 16:13	6°♐33'38	1.38571 AU
superior conj	-3433 Jan 05 j 22:30	19°♐53'40	-1°52'04
minimum elong	-3433 Jan 06 j 00:29	20°♐03'03	1°52'05
	-3433 Jan 11 j 04:17	0°♑	
evening rise	-3433 Jan 14 j 20:46	7°♑13'29	
asc. node	-3433 Jan 21 j 15:21	20°♑02'13	
	-3433 Jan 27 j 23:59	0°♒	
evening max el	-3433 Jan 31 j 09:06	3°♒50'56	18°51'02
retrograde	-3433 Feb 08 j 14:22	7°♒48'40	
evening set	-3433 Feb 11 j 00:29	7°♒29'25	
inferior conj	-3433 Feb 18 j 20:03	3°♒09'39	3°18'01
minimum elong	-3433 Feb 19 j 00:24	3°♒01'42	3°17'03
min. Earth dist.	-3433 Feb 22 j 02:06	0°♒48'33	0.57591 AU
	-3433 Feb 23 j 06:59	30°℞♑	
morning rise	-3433 Feb 26 j 21:46	28°♑00'49	
direct	-3433 Mar 04 j 09:49	26°♑47'44	
desc. node	-3433 Mar 04 j 17:34	26°♑47'59	
	-3433 Mar 13 j 13:21	0°♒	
morning max el	-3433 Mar 18 j 16:07	4°♒12'38	25°54'48
	-3433 Apr 06 j 06:19	0°♓	
morning set	-3433 Apr 15 j 15:41	18°♓15'32	
asc. node	-3433 Apr 19 j 14:53	26°♓44'59	
	-3433 Apr 21 j 02:40	0°♈	
superior conj	-3433 Apr 22 j 15:47	3°♈22'53	0°31'20
minimum elong	-3433 Apr 22 j 14:27	3°♈15'32	0°31'04
max. Earth dist.	-3433 Apr 23 j 07:02	4°♈46'09	1.32726 AU
evening rise	-3433 Apr 29 j 17:51	18°♈33'28	
	-3433 May 05 j 12:15	0°♉	
	-3433 May 24 j 16:09	0°♊	
evening max el	-3433 May 30 j 17:08	6°♊36'22	27°01'50
desc. node	-3433 May 31 j 16:26	7°♊30'37	
retrograde	-3433 Jun 13 j 16:10	13°♊56'57	
evening set	-3433 Jun 20 j 13:36	11°♊48'18	
min. Earth dist.	-3433 Jun 24 j 06:39	9°♊04'22	0.61152 AU
inferior conj	-3433 Jun 27 j 12:22	6°♊14'50	-4°18'57
minimum elong	-3433 Jun 27 j 14:08	6°♊10'55	4°18'42
morning rise	-3433 Jul 04 j 16:19	1°♊24'11	
direct	-3433 Jul 07 j 05:22	0°♊57'45	
morning max el	-3433 Jul 14 j 05:47	4°♊25'49	18°02'51
asc. node	-3433 Jul 16 j 14:19	7°♊01'45	
morning set	-3433 Jul 30 j 06:17	29°♊41'57	
	-3433 Jul 30 j 10:12	0°♋	
superior conj	-3433 Aug 09 j 11:48	18°♋15'58	1°38'23
minimum elong	-3433 Aug 09 j 15:29	18°♋32'11	1°38'15
	-3433 Aug 16 j 07:47	0°♌	
max. Earth dist.	-3433 Aug 17 j 00:30	1°♌09'46	1.41907 AU
evening rise	-3433 Aug 23 j 02:28	11°♌04'39	
desc. node	-3433 Aug 27 j 15:45	18°♌14'26	
	-3433 Sep 04 j 10:05	0°♍	
evening max el	-3433 Sep 24 j 21:17	27°♍00'03	22°16'34
	-3433 Sep 28 j 05:05	0°♎	
retrograde	-3433 Oct 04 j 08:30	2°♎37'39	
evening set	-3433 Oct 08 j 20:42	0°♎48'44	
	-3433 Oct 09 j 18:29	30°℞♍	
asc. node	-3433 Oct 12 j 13:19	26°♍44'55	
inferior conj	-3433 Oct 14 j 04:23	24°♍31'56	0°33'25
minimum elong	-3433 Oct 14 j 03:36	24°♍34'37	0°33'05
min. Earth dist.	-3433 Oct 14 j 04:44	24°♍30'41	0.67428 AU
morning rise	-3433 Oct 19 j 10:23	18°♍18'07	
direct	-3433 Oct 24 j 01:43	16°♍23'53	
morning max el	-3433 Nov 02 j 16:18	22°♍06'47	22°29'10
	-3433 Nov 09 j 10:53	0°♎	
desc. node	-3433 Nov 23 j 15:26	19°♎55'44	
	-3433 Nov 30 j 05:36	0°♏	
morning set	-3433 Dec 06 j 05:02	9°♏31'24	
max. Earth dist.	-3433 Dec 11 j 13:38	18°♏24'53	1.40648 AU
	-3433 Dec 18 j 05:38	0°♐	
superior conj	-3433 Dec 19 j 08:01	1°♐58'03	-1°55'40
minimum elong	-3433 Dec 19 j 07:21	1°♐55'06	1°55'46
evening rise	-3433 Dec 29 j 08:22	20°♐31'08	
	-3432 Jan 03 j 10:47	0°♑	
asc. node	-3432 Jan 08 j 12:23	8°♑39'15	
evening max el	-3432 Jan 14 j 14:42	16°♑33'54	18°19'30
retrograde	-3432 Jan 21 j 20:20	20°♑09'32	
evening set	-3432 Jan 24 j 09:44	19°♑43'41	
inferior conj	-3432 Jan 31 j 13:24	15°♑03'09	3°54'12
minimum elong	-3432 Jan 31 j 15:15	14°♑59'13	3°53'55
min. Earth dist.	-3432 Feb 03 j 22:09	12°♑13'03	0.59541 AU
morning rise	-3432 Feb 07 j 18:47	9°♑31'09	
direct	-3432 Feb 14 j 06:08	7°♑38'51	
desc. node	-3432 Feb 19 j 14:40	8°♑51'08	
morning max el	-3432 Feb 28 j 12:05	15°♑16'53	27°03'35
	-3432 Mar 11 j 10:50	0°♒	
	-3432 Mar 28 j 12:43	0°♓	
morning set	-3432 Mar 30 j 01:30	3°♓09'26	
asc. node	-3432 Apr 05 j 11:53	16°♓57'54	
superior conj	-3432 Apr 06 j 03:33	18°♓23'40	0°06'51
minimum elong	-3432 Apr 06 j 03:14	18°♓21'59	0°06'46
behind sun begin	-3432 Apr 05 j 22:41	17°♓57'05	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

behind sun end	-3432 Apr 06 j 07:47	18°♓46'54	
max. Earth dist.	-3432 Apr 05 j 20:24	17°♓44'30	1.32533 AU
	-3432 Apr 11 j 11:43	0°♈	
evening rise	-3432 Apr 13 j 02:45	3°♈26'40	
	-3432 Apr 27 j 10:46	0°♉	
evening max el	-3432 May 11 j 16:24	18°♉16'09	26°07'01
desc. node	-3432 May 17 j 13:30	22°♉55'31	
retrograde	-3432 May 25 j 18:27	25°♉33'02	
evening set	-3432 May 31 j 21:01	24°♉01'09	
min. Earth dist.	-3432 Jun 05 j 05:07	21°♉19'16	0.59099 AU
inferior conj	-3432 Jun 08 j 13:55	18°♉46'11	-4°19'54
minimum elong	-3432 Jun 08 j 12:28	18°♉48'56	4°19'43
morning rise	-3432 Jun 16 j 06:27	14°♉17'37	
direct	-3432 Jun 18 j 18:39	13°♉56'05	
morning max el	-3432 Jun 26 j 14:34	17°♉39'49	18°29'22
asc. node	-3432 Jul 02 j 11:23	24°♉59'50	
	-3432 Jul 05 j 13:14	0°♊	
morning set	-3432 Jul 12 j 18:44	13°♊22'21	
superior conj	-3432 Jul 21 j 20:46	0°♋39'42	1°48'09
minimum elong	-3432 Jul 21 j 21:49	0°♋44'31	1°48'15
	-3432 Jul 21 j 12:13	0°♋	
max. Earth dist.	-3432 Jul 29 j 04:24	13°♋48'49	1.40014 AU
evening rise	-3432 Aug 02 j 13:31	21°♋16'41	
	-3432 Aug 07 j 21:46	0°♌	
desc. node	-3432 Aug 13 j 12:43	8°♌45'35	
	-3432 Aug 28 j 12:13	0°♍	
evening max el	-3432 Sep 06 j 10:41	10°♍26'43	23°37'03
retrograde	-3432 Sep 17 j 01:00	16°♍42'28	
evening set	-3432 Sep 22 j 03:18	14°♍34'15	
inferior conj	-3432 Sep 27 j 10:59	8°♍14'55	-0°20'08
minimum elong	-3432 Sep 27 j 11:27	8°♍13'18	0°19'53
min. Earth dist.	-3432 Sep 27 j 01:09	8°♍48'32	0.67412 AU
asc. node	-3432 Sep 28 j 10:28	6°♍55'11	
morning rise	-3432 Oct 02 j 19:33	2°♍04'58	
direct	-3432 Oct 06 j 21:12	0°♍31'53	
morning max el	-3432 Oct 15 j 09:10	5°♍32'05	21°08'10
	-3432 Nov 02 j 16:53	0°♎	
desc. node	-3432 Nov 09 j 12:25	10°♎17'19	
morning set	-3432 Nov 14 j 13:48	18°♎07'38	
	-3432 Nov 22 j 00:23	0°♏	
max. Earth dist.	-3432 Nov 22 j 17:00	1°♏07'40	1.42525 AU
superior conj	-3432 Nov 29 j 18:30	12°♏54'11	-1°46'11
minimum elong	-3432 Nov 29 j 14:01	12°♏35'03	1°46'00
	-3432 Dec 09 j 12:44	0°♐	
evening rise	-3432 Dec 11 j 06:24	3°♐07'04	
asc. node	-3432 Dec 25 j 09:27	26°♐34'20	
evening max el	-3432 Dec 28 j 01:16	29°♐37'38	18°07'58
	-3432 Dec 28 j 10:29	0°♑	
retrograde	-3431 Jan 03 j 17:54	3°♑05'14	
evening set	-3431 Jan 06 j 10:32	2°♑31'41	
	-3431 Jan 10 j 08:13	30°℞♐	
inferior conj	-3431 Jan 13 j 01:12	27°♐29'53	4°00'49
minimum elong	-3431 Jan 13 j 00:29	27°♐31'38	4°00'40
min. Earth dist.	-3431 Jan 16 j 01:30	24°♐34'51	0.61553 AU
morning rise	-3431 Jan 19 j 13:12	21°♐42'26	
direct	-3431 Jan 26 j 12:53	19°♐16'09	
desc. node	-3431 Feb 05 j 11:46	23°♐24'31	
morning max el	-3431 Feb 09 j 14:14	27°♐00'37	27°39'13
	-3431 Feb 12 j 10:50	0°♑	
	-3431 Mar 05 j 00:01	0°♒	
morning set	-3431 Mar 14 j 07:22	17°♒49'28	
	-3431 Mar 20 j 01:42	0°♓	
max. Earth dist.	-3431 Mar 20 j 08:07	0°♓34'48	1.32689 AU
superior conj	-3431 Mar 21 j 14:29	3°♓19'41	-0°18'26
minimum elong	-3431 Mar 21 j 15:19	3°♓24'15	0°18'19
asc. node	-3431 Mar 23 j 08:53	7°♓10'44	
evening rise	-3431 Mar 28 j 13:58	18°♓24'22	
	-3431 Apr 03 j 07:49	0°♈	
evening max el	-3431 Apr 23 j 10:04	29°♈18'28	24°46'53
	-3431 Apr 24 j 03:48	0°♉	
desc. node	-3431 May 04 j 10:36	6°♉03'24	
retrograde	-3431 May 07 j 10:11	6°♉24'02	
evening set	-3431 May 12 j 06:53	5°♉30'08	
min. Earth dist.	-3431 May 17 j 22:12	2°♉34'12	0.57193 AU
inferior conj	-3431 May 20 j 20:03	0°♉39'14	-3°48'29
minimum elong	-3431 May 20 j 15:03	0°♉47'32	3°47'33
	-3431 May 21 j 19:57	30°℞♈	
morning rise	-3431 May 29 j 02:18	26°♈30'03	
direct	-3431 May 31 j 14:07	26°♈12'20	
	-3431 Jun 09 j 04:28	0°♉	
morning max el	-3431 Jun 09 j 15:54	0°♉26'00	19°16'12
asc. node	-3431 Jun 19 j 08:27	13°♉40'53	
morning set	-3431 Jun 26 j 16:51	27°♉33'51	
	-3431 Jun 27 j 22:13	0°♊	
superior conj	-3431 Jul 04 j 23:26	13°♊58'08	1°47'30
minimum elong	-3431 Jul 04 j 22:24	13°♊53'07	1°47'36
max. Earth dist.	-3431 Jul 11 j 06:09	25°♊50'19	1.38065 AU
	-3431 Jul 13 j 13:20	0°♋	
evening rise	-3431 Jul 15 j 02:40	2°♋45'28	
desc. node	-3431 Jul 31 j 09:43	29°♋03'37	
	-3431 Aug 01 j 01:02	0°♌	
evening max el	-3431 Aug 19 j 21:50	23°♌57'19	24°55'47
	-3431 Aug 28 j 02:46	0°♍	
retrograde	-3431 Aug 31 j 13:33	0°♍44'28	
	-3431 Sep 03 j 18:18	30°℞♌	
evening set	-3431 Sep 06 j 06:47	28°♌18'04	
min. Earth dist.	-3431 Sep 10 j 19:40	23°♌07'29	0.67093 AU
inferior conj	-3431 Sep 11 j 16:07	21°♌59'50	-1°13'48
minimum elong	-3431 Sep 11 j 17:51	21°♌54'04	1°12'59
asc. node	-3431 Sep 15 j 07:36	17°♌34'26	
morning rise	-3431 Sep 17 j 04:57	15°♌56'53	
direct	-3431 Sep 20 j 18:59	14°♌42'32	
morning max el	-3431 Sep 28 j 09:15	19°♌06'13	19°58'10
	-3431 Oct 07 j 00:24	0°♍	
morning set	-3431 Oct 24 j 11:38	26°♍19'22	
	-3431 Oct 26 j 20:28	0°♎	
desc. node	-3431 Oct 27 j 09:23	0°♎50'14	
max. Earth dist.	-3431 Nov 05 j 03:48	14°♎38'59	1.43951 AU
superior conj	-3431 Nov 10 j 01:47	22°♎33'38	-1°20'14
minimum elong	-3431 Nov 09 j 18:37	22°♎04'35	1°19'32
	-3431 Nov 14 j 14:39	0°♏	
evening rise	-3431 Nov 23 j 10:28	14°♏52'28	
	-3431 Dec 02 j 08:38	0°♐	
evening max el	-3431 Dec 11 j 13:55	12°♐54'24	18°15'37
asc. node	-3431 Dec 12 j 06:33	13°♐34'49	
retrograde	-3431 Dec 18 j 02:44	16°♐25'53	
evening set	-3431 Dec 20 j 23:11	15°♐43'23	
inferior conj	-3431 Dec 27 j 03:38	10°♐21'30	3°46'26
minimum elong	-3431 Dec 27 j 01:15	10°♐28'01	3°45'59
min. Earth dist.	-3431 Dec 29 j 14:04	7°♐42'15	0.63383 AU
morning rise	-3430 Jan 02 j 02:40	4°♐23'26	
direct	-3430 Jan 09 j 03:41	1°♐36'56	
morning max el	-3430 Jan 22 j 21:12	9°♐22'00	27°38'29
desc. node	-3430 Jan 23 j 08:51	9°♐51'05	
	-3430 Feb 08 j 00:40	0°♑	
	-3430 Feb 25 j 05:23	0°♒	
morning set	-3430 Feb 26 j 06:50	2°♒06'18	
max. Earth dist.	-3430 Mar 03 j 14:19	13°♒02'47	1.33229 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3430 Mar 05 j 22:48	18°♒03'44	-0°43'36
minimum elong	-3430 Mar 06 j 00:45	18°♒14'09	0°43'19
asc. node	-3430 Mar 10 j 05:53	27°♒18'38	
	-3430 Mar 11 j 12:02	0°♓	
evening rise	-3430 Mar 13 j 01:36	3°♓18'57	
	-3430 Mar 27 j 18:51	0°♈	
evening max el	-3430 Apr 05 j 02:01	10°♈01'04	23°13'38
retrograde	-3430 Apr 18 j 12:47	16°♈39'58	
desc. node	-3430 Apr 21 j 07:44	16°♈22'48	
evening set	-3430 Apr 22 j 01:27	16°♈12'44	
min. Earth dist.	-3430 Apr 29 j 12:39	12°♈51'16	0.55781 AU
inferior conj	-3430 May 01 j 06:33	11°♈49'45	-2°36'25
minimum elong	-3430 May 01 j 00:36	11°♈58'31	2°34'43
morning rise	-3430 May 10 j 02:15	7°♈52'08	
direct	-3430 May 12 j 15:17	7°♈36'22	
morning max el	-3430 May 23 j 07:11	12°♈33'58	20°23'24
	-3430 Jun 04 j 16:07	0°♉	
asc. node	-3430 Jun 06 j 05:28	2°♉53'43	
morning set	-3430 Jun 10 j 21:35	12°♉07'39	
superior conj	-3430 Jun 18 j 14:43	27°♉56'05	1°39'02
minimum elong	-3430 Jun 18 j 12:29	27°♉44'47	1°38'57
	-3430 Jun 19 j 15:18	0°♊	
max. Earth dist.	-3430 Jun 23 j 12:03	7°♊37'29	1.36283 AU
evening rise	-3430 Jun 27 j 14:01	15°♊20'37	
	-3430 Jul 05 j 22:25	0°♋	
desc. node	-3430 Jul 18 j 06:46	19°♋01'53	
	-3430 Jul 26 j 13:59	0°♌	
evening max el	-3430 Aug 02 j 08:53	7°♌30'04	26°04'58
retrograde	-3430 Aug 14 j 21:20	14°♌38'26	
evening set	-3430 Aug 21 j 05:09	11°♌57'41	
min. Earth dist.	-3430 Aug 25 j 09:48	7°♌24'44	0.66440 AU
inferior conj	-3430 Aug 26 j 17:55	5°♌44'00	-2°05'52
minimum elong	-3430 Aug 26 j 20:49	5°♌34'55	2°04'41
	-3430 Sep 01 j 07:10	30°℞♋	
morning rise	-3430 Sep 01 j 12:39	29°♋51'23	
asc. node	-3430 Sep 02 j 04:42	29°♋29'24	
direct	-3430 Sep 04 j 17:17	28°♋52'43	
	-3430 Sep 08 j 06:40	0°♌	
morning max el	-3430 Sep 11 j 16:14	2°♌48'26	19°02'33
	-3430 Sep 30 j 14:25	0°♍	
morning set	-3430 Oct 03 j 22:23	5°♍15'03	
desc. node	-3430 Oct 14 j 06:21	21°♍30'43	
max. Earth dist.	-3430 Oct 18 j 20:20	28°♍43'46	1.44739 AU
	-3430 Oct 19 j 15:39	0°♎	
superior conj	-3430 Oct 20 j 09:03	1°♎08'44	-0°38'19
minimum elong	-3430 Oct 20 j 04:13	0°♎49'36	0°37'41
evening rise	-3430 Nov 04 j 16:07	25°♎39'24	
	-3430 Nov 07 j 08:05	0°♏	
evening max el	-3430 Nov 25 j 01:54	26°♏18'20	18°41'26
asc. node	-3430 Nov 29 j 03:39	29°♏26'05	
	-3430 Nov 30 j 22:39	0°♐	
retrograde	-3430 Dec 01 j 18:52	0°♐03'58	
	-3430 Dec 02 j 14:58	30°℞♏	
evening set	-3430 Dec 04 j 20:23	29°♏10'59	
inferior conj	-3430 Dec 10 j 17:00	23°♏31'15	3°17'40
minimum elong	-3430 Dec 10 j 13:56	23°♏40'28	3°16'50
min. Earth dist.	-3430 Dec 12 j 12:29	21°♏20'57	0.64893 AU
morning rise	-3430 Dec 16 j 07:07	17°♏25'21	
direct	-3430 Dec 23 j 01:06	14°♏34'01	
morning max el	-3429 Jan 05 j 06:39	22°♏12'18	27°04'15
desc. node	-3429 Jan 10 j 05:53	27°♏38'38	
	-3429 Jan 12 j 04:23	0°♐	
	-3429 Feb 01 j 05:13	0°♑	
morning set	-3429 Feb 09 j 20:50	15°♑50'05	
max. Earth dist.	-3429 Feb 14 j 11:21	24°♑58'38	1.34190 AU
	-3429 Feb 16 j 21:56	0°♒	
superior conj	-3429 Feb 18 j 02:32	2°♒29'17	-1°07'34
minimum elong	-3429 Feb 18 j 05:22	2°♒44'08	1°07'12
evening rise	-3429 Feb 25 j 11:54	18°♒04'14	
asc. node	-3429 Feb 25 j 02:54	17°♒17'18	
	-3429 Mar 03 j 11:32	0°♓	
evening max el	-3429 Mar 17 j 22:18	20°♓50'50	21°41'20
retrograde	-3429 Mar 30 j 04:31	26°♓46'13	
evening set	-3429 Apr 01 j 19:07	26°♓30'55	
desc. node	-3429 Apr 08 j 04:50	24°♓05'16	
inferior conj	-3429 Apr 11 j 03:37	22°♓28'17	-0°49'11
minimum elong	-3429 Apr 11 j 01:19	22°♓31'30	0°48'24
min. Earth dist.	-3429 Apr 11 j 02:18	22°♓30'07	0.55156 AU
morning rise	-3429 Apr 20 j 08:12	18°♓27'38	
direct	-3429 Apr 23 j 04:20	18°♓09'50	
morning max el	-3429 May 05 j 11:32	23°♓59'50	21°48'48
	-3429 May 10 j 19:57	0°♈	
asc. node	-3429 May 24 j 02:27	22°♈30'17	
morning set	-3429 May 26 j 06:39	26°♈57'11	
	-3429 May 27 j 17:45	0°♉	
superior conj	-3429 Jun 02 j 14:50	12°♉22'29	1°24'46
minimum elong	-3429 Jun 02 j 12:11	12°♉08'36	1°24'31
max. Earth dist.	-3429 Jun 06 j 02:41	19°♉35'02	1.34815 AU
evening rise	-3429 Jun 10 j 18:17	28°♉47'36	
	-3429 Jun 11 j 09:22	0°♊	
	-3429 Jun 29 j 02:22	0°♋	
desc. node	-3429 Jul 05 j 03:49	8°♋31'31	
evening max el	-3429 Jul 15 j 20:18	20°♋57'37	26°56'27
retrograde	-3429 Jul 28 j 23:57	28°♋17'24	
evening set	-3429 Aug 04 j 19:59	25°♋29'35	
min. Earth dist.	-3429 Aug 08 j 17:07	21°♋35'00	0.65422 AU
inferior conj	-3429 Aug 10 j 14:19	19°♋23'29	-2°54'19
minimum elong	-3429 Aug 10 j 18:01	19°♋12'39	2°53'04
morning rise	-3429 Aug 16 j 16:28	13°♋44'30	
direct	-3429 Aug 19 j 14:00	12°♋58'19	
asc. node	-3429 Aug 20 j 01:46	12°♋59'38	
morning max el	-3429 Aug 26 j 04:18	16°♋35'01	18°23'03
	-3429 Sep 04 j 23:04	0°♌	
morning set	-3429 Sep 14 j 11:20	15°♌28'00	
	-3429 Sep 23 j 10:25	0°♍	
superior conj	-3429 Sep 29 j 08:58	9°♍27'33	0°11'15
minimum elong	-3429 Sep 29 j 10:25	9°♍33'17	0°11'06
behind sun begin	-3429 Sep 29 j 02:08	9°♍00'30	
behind sun end	-3429 Sep 29 j 18:41	10°♍06'03	
desc. node	-3429 Oct 01 j 03:19	12°♍14'55	
max. Earth dist.	-3429 Oct 01 j 14:52	13°♍00'30	1.44799 AU
	-3429 Oct 12 j 10:32	0°♎	
evening rise	-3429 Oct 15 j 21:01	5°♎23'15	
greatest brilliancy	-3429 Oct 26 j 12:07	21°♎58'07	-0.8m
	-3429 Oct 31 j 20:31	0°♏	
evening max el	-3429 Nov 08 j 10:44	9°♏44'33	19°24'11
retrograde	-3429 Nov 15 j 14:55	13°♏53'16	
asc. node	-3429 Nov 16 j 00:44	13°♏52'19	
evening set	-3429 Nov 18 j 23:19	12°♏47'45	
inferior conj	-3429 Nov 24 j 14:08	6°♏53'17	2°38'59
minimum elong	-3429 Nov 24 j 11:08	7°♏02'55	2°37'59
min. Earth dist.	-3429 Nov 25 j 19:46	5°♏18'00	0.66038 AU
morning rise	-3429 Nov 29 j 22:43	0°♏41'47	
	-3429 Nov 30 j 18:53	30°℞♎	
direct	-3429 Dec 06 j 04:27	27°♎58'05	
	-3429 Dec 12 j 06:03	0°♏	
morning max el	-3429 Dec 18 j 16:13	5°♏19'01	26°03'19
desc. node	-3429 Dec 28 j 02:54	16°♏22'54	
	-3428 Jan 06 j 17:44	0°♐	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3428 Jan 23 j 21:13	28°♐47'51		
	-3428 Jan 24 j 12:44	0°♑		
max. Earth dist.	-3428 Jan 27 j 20:47	6°♑20'38	1.35592 AU	
superior conj	-3428 Feb 01 j 23:14	16°♑28'20	-1°28'53	
minimum elong	-3428 Feb 02 j 02:28	16°♑44'47	1°28'36	
	-3428 Feb 08 j 13:04	0°♒		
evening rise	-3428 Feb 09 j 18:57	2°♒33'24		
asc. node	-3428 Feb 11 j 23:55	7°♒01'30		
	-3428 Feb 26 j 02:08	0°♓		
evening max el	-3428 Feb 28 j 03:53	2°♓09'29	20°20'59	
retrograde	-3428 Mar 09 j 19:09	7°♓13'12		
evening set	-3428 Mar 12 j 01:49	7°♓00'15		
inferior conj	-3428 Mar 21 j 00:21	3°♓01'38	1°06'58	
minimum elong	-3428 Mar 21 j 03:14	2°♓57'22	1°05'56	
min. Earth dist.	-3428 Mar 22 j 16:21	2°♓02'35	0.55458 AU	
desc. node	-3428 Mar 25 j 01:54	0°♓42'08		
	-3428 Mar 26 j 11:46	30°♓℞		
morning rise	-3428 Mar 30 j 03:02	28°♒39'37		
direct	-3428 Apr 02 j 17:42	28°♒11'11		
	-3428 Apr 09 j 17:03	0°♓		
morning max el	-3428 Apr 16 j 06:51	4°♓50'34	23°26'12	
	-3428 May 03 j 18:51	0°♈		
morning set	-3428 May 09 j 18:09	11°♈56'29		
asc. node	-3428 May 09 j 23:27	12°♈24'14		
superior conj	-3428 May 16 j 20:54	27°♈08'31	1°06'18	
minimum elong	-3428 May 16 j 18:26	26°♈55'18	1°05'56	
	-3428 May 18 j 05:03	0°♉		
max. Earth dist.	-3428 May 19 j 03:02	1°♉56'25	1.33714 AU	
evening rise	-3428 May 24 j 10:47	12°♉53'10		
	-3428 Jun 02 j 14:34	0°♊		
desc. node	-3428 Jun 21 j 00:50	27°♊20'34		
	-3428 Jun 23 j 07:29	0°♋		
evening max el	-3428 Jun 27 j 07:07	4°♋09'55	27°23'00	
retrograde	-3428 Jul 10 j 21:09	11°♋33'42		
evening set	-3428 Jul 18 j 00:22	8°♋50'05		
min. Earth dist.	-3428 Jul 21 j 15:46	5°♋30'38	0.64023 AU	
inferior conj	-3428 Jul 24 j 02:54	2°♋54'14	-3°36'24	
minimum elong	-3428 Jul 24 j 06:47	2°♋43'56	3°35'23	
	-3428 Jul 27 j 00:34	30°♋℞♊		
morning rise	-3428 Jul 30 j 13:58	27°♊31'58		
direct	-3428 Aug 02 j 06:35	26°♊55'19		
asc. node	-3428 Aug 05 j 22:49	28°♊03'30		
	-3428 Aug 08 j 10:10	0°♋		
morning max el	-3428 Aug 08 j 19:04	0°♋21'43	18°00'45	
morning set	-3428 Aug 26 j 02:54	26°♋57'23		
	-3428 Aug 27 j 21:33	0°♌		
superior conj	-3428 Sep 08 j 00:02	18°♌34'24	0°55'38	
minimum elong	-3428 Sep 08 j 05:28	18°♌56'33	0°55'04	
max. Earth dist.	-3428 Sep 13 j 07:42	27°♌09'08	1.44141 AU	
	-3428 Sep 15 j 02:41	0°♍		
desc. node	-3428 Sep 17 j 00:18	3°♍00'08		
evening rise	-3428 Sep 24 j 06:10	14°♍17'46		
	-3428 Oct 04 j 13:15	0°♎		
evening max el	-3428 Oct 21 j 14:32	23°♎11'13	20°22'04	
retrograde	-3428 Oct 29 j 12:18	27°♎50'32		
asc. node	-3428 Nov 01 j 21:49	26°♎43'47		
evening set	-3428 Nov 02 j 05:43	26°♎30'07		
inferior conj	-3428 Nov 07 j 16:30	20°♎24'19	1°53'33	
minimum elong	-3428 Nov 07 j 14:07	20°♎32'22	1°52'37	
min. Earth dist.	-3428 Nov 08 j 09:53	19°♎25'45	0.66832 AU	
morning rise	-3428 Nov 12 j 22:19	14°♎09'41		
direct	-3428 Nov 18 j 13:25	11°♎42'02		
morning max el	-3428 Nov 30 j 00:58	18°♎32'23	24°44'46	
	-3428 Dec 09 j 17:43	0°♏		
desc. node	-3428 Dec 13 j 23:56	5°♏47'32		
	-3428 Dec 29 j 19:43	0°♐		
morning set	-3427 Jan 05 j 02:33	10°♐44'29		
max. Earth dist.	-3427 Jan 08 j 19:48	17°♐25'36	1.37399 AU	
superior conj	-3427 Jan 15 j 09:45	29°♐52'15	-1°45'35	
minimum elong	-3427 Jan 15 j 12:33	0°♑05'54	1°45'29	
	-3427 Jan 15 j 11:20	0°♑		
evening rise	-3427 Jan 23 j 20:36	16°♑40'16		
asc. node	-3427 Jan 28 j 20:57	26°♑25'34		
	-3427 Jan 30 j 19:54	0°♒		
evening max el	-3427 Feb 09 j 20:14	14°♒04'55	19°18'15	
retrograde	-3427 Feb 18 j 20:25	18°♒22'28		
evening set	-3427 Feb 21 j 04:21	18°♒06'30		
inferior conj	-3427 Mar 01 j 10:06	13°♒57'27	2°40'41	
minimum elong	-3427 Mar 01 j 15:02	13°♒49'11	2°39'18	
min. Earth dist.	-3427 Mar 04 j 07:29	12°♒02'08	0.56625 AU	
morning rise	-3427 Mar 09 j 22:58	9°♒04'48		
desc. node	-3427 Mar 11 j 23:01	8°♒29'54		
direct	-3427 Mar 14 j 18:12	8°♒11'35		
morning max el	-3427 Mar 28 j 21:53	15°♒25'24	25°04'03	
	-3427 Apr 09 j 13:18	0°♓		
morning set	-3427 Apr 24 j 06:20	26°♓58'46		
	-3427 Apr 25 j 16:34	0°♈		
asc. node	-3427 Apr 26 j 20:27	2°♈29'26		
superior conj	-3427 May 01 j 06:37	12°♈05'46	0°44'46	
minimum elong	-3427 May 01 j 04:47	11°♈55'43	0°44'25	
max. Earth dist.	-3427 May 02 j 11:05	14°♈40'09	1.32984 AU	
evening rise	-3427 May 08 j 11:49	27°♈24'58		
	-3427 May 09 j 18:23	0°♉		
	-3427 May 26 j 22:28	0°♊		
desc. node	-3427 Jun 07 j 21:53	15°♊11'08		
evening max el	-3427 Jun 09 j 15:17	16°♊54'14	27°19'05	
retrograde	-3427 Jun 23 j 12:08	24°♊17'02		
evening set	-3427 Jun 30 j 14:31	21°♊51'48		
min. Earth dist.	-3427 Jul 04 j 04:41	18°♊58'38	0.62274 AU	
inferior conj	-3427 Jul 07 j 04:40	16°♊08'59	-4°07'58	
minimum elong	-3427 Jul 07 j 07:38	16°♊01'58	4°07'27	
morning rise	-3427 Jul 14 j 02:04	11°♊06'04		
direct	-3427 Jul 16 j 15:49	10°♊36'31		
morning max el	-3427 Jul 23 j 09:42	14°♊01'26	17°56'34	
asc. node	-3427 Jul 23 j 19:53	14°♊27'01		
	-3427 Aug 03 j 08:32	0°♋		
morning set	-3427 Aug 08 j 16:01	9°♋28'18		
superior conj	-3427 Aug 19 j 17:50	29°♋00'18	1°26'56	
minimum elong	-3427 Aug 19 j 22:51	29°♋21'46	1°26'35	
	-3427 Aug 20 j 07:49	0°♌		
max. Earth dist.	-3427 Aug 26 j 20:06	10°♌51'40	1.42861 AU	
evening rise	-3427 Sep 03 j 11:31	23°♌04'30		
desc. node	-3427 Sep 03 j 21:16	23°♌42'38		
	-3427 Sep 07 j 22:51	0°♍		
	-3427 Sep 28 j 19:46	0°♎		
evening max el	-3427 Oct 04 j 12:19	6°♎37'16	21°32'21	
retrograde	-3427 Oct 13 j 08:51	11°♎52'43		
evening set	-3427 Oct 17 j 13:35	10°♎14'55		
asc. node	-3427 Oct 19 j 18:54	8°♎04'50		
inferior conj	-3427 Oct 22 j 21:57	4°♎01'19	1°03'33	
minimum elong	-3427 Oct 22 j 20:32	4°♎06'15	1°02'57	
min. Earth dist.	-3427 Oct 23 j 04:23	3°♎39'10	0.67297 AU	
	-3427 Oct 25 j 23:26	30°♎℞♍		
morning rise	-3427 Oct 28 j 03:18	27°♍46'19		
direct	-3427 Nov 02 j 03:12	25°♍39'15		
	-3427 Nov 10 j 13:14	0°♎		
morning max el	-3427 Nov 12 j 10:16	1°♎47'59	23°18'35	
desc. node	-3427 Nov 30 j 20:58	25°♎40'41		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3427 Dec 03 j 18:51	0°♏	
morning set	-3427 Dec 17 j 06:38	21°♏23'49	
max. Earth dist.	-3427 Dec 21 j 15:10	28°♏49'31	1.39453 AU
	-3427 Dec 22 j 07:20	0°♐	
superior conj	-3427 Dec 29 j 05:56	12°♐30'11	-1°54'56
minimum elong	-3427 Dec 29 j 07:00	12°♐35'05	1°55'03
	-3426 Jan 07 j 10:29	0°♑	
evening rise	-3426 Jan 07 j 14:16	0°♑18'14	
asc. node	-3426 Jan 15 j 18:00	15°♑22'40	
evening max el	-3426 Jan 23 j 21:53	26°♑33'46	18°35'15
	-3426 Jan 29 j 08:21	0°♒	
retrograde	-3426 Jan 31 j 15:35	0°♒19'49	
evening set	-3426 Feb 03 j 03:13	29°♑57'53	
	-3426 Feb 03 j 00:13	30°℞♑	
inferior conj	-3426 Feb 10 j 15:44	25°♑29'53	3°37'29
minimum elong	-3426 Feb 10 j 19:09	25°♑23'13	3°36'52
min. Earth dist.	-3426 Feb 14 j 00:55	22°♑53'25	0.58393 AU
morning rise	-3426 Feb 18 j 08:42	20°♑10'20	
direct	-3426 Feb 24 j 08:05	18°♑40'23	
desc. node	-3426 Feb 26 j 20:07	18°♑55'59	
morning max el	-3426 Mar 10 j 14:36	26°♑12'02	26°27'28
	-3426 Mar 14 j 04:48	0°♒	
	-3426 Apr 02 j 18:07	0°♓	
morning set	-3426 Apr 08 j 17:33	11°♓58'02	
asc. node	-3426 Apr 13 j 17:29	22°♓41'17	
superior conj	-3426 Apr 15 j 18:10	27°♓07'35	0°21'07
minimum elong	-3426 Apr 15 j 17:15	27°♓02'31	0°20'55
max. Earth dist.	-3426 Apr 15 j 23:40	27°♓37'41	1.32605 AU
	-3426 Apr 17 j 01:41	0°♈	
evening rise	-3426 Apr 22 j 18:36	12°♈13'32	
	-3426 May 01 j 22:37	0°♉	
evening max el	-3426 May 22 j 18:34	29°♉00'18	26°42'13
	-3426 May 23 j 20:19	0°♊	
desc. node	-3426 May 25 j 18:57	1°♊38'45	
retrograde	-3426 Jun 05 j 19:25	6°♊19'16	
evening set	-3426 Jun 12 j 10:11	4°♊25'46	
min. Earth dist.	-3426 Jun 16 j 08:02	1°♊44'31	0.60285 AU
	-3426 Jun 18 j 11:10	30°℞♉	
inferior conj	-3426 Jun 19 j 16:10	28°♉59'29	-4°22'38
minimum elong	-3426 Jun 19 j 16:45	28°♉58'19	4°22'30
morning rise	-3426 Jun 27 j 01:17	24°♉17'53	
direct	-3426 Jun 29 j 13:51	23°♉53'39	
morning max el	-3426 Jul 06 j 21:24	27°♉27'06	18°11'34
	-3426 Jul 09 j 05:25	0°♊	
asc. node	-3426 Jul 10 j 16:57	1°♊54'49	
morning set	-3426 Jul 22 j 21:18	22°♊47'01	
	-3426 Jul 26 j 17:36	0°♋	
superior conj	-3426 Aug 01 j 13:58	10°♋44'51	1°43'59
minimum elong	-3426 Aug 01 j 16:31	10°♋56'17	1°43'58
max. Earth dist.	-3426 Aug 09 j 03:19	23°♋57'11	1.41132 AU
	-3426 Aug 12 j 18:14	0°♌	
evening rise	-3426 Aug 14 j 08:27	2°♌36'16	
desc. node	-3426 Aug 21 j 18:14	14°♌19'06	
	-3426 Sep 01 j 08:12	0°♍	
evening max el	-3426 Sep 17 j 04:27	20°♍03'40	22°50'41
retrograde	-3426 Sep 27 j 03:04	25°♍57'20	
evening set	-3426 Oct 01 j 21:07	24°♍00'22	
asc. node	-3426 Oct 06 j 16:02	18°♍25'42	
inferior conj	-3426 Oct 07 j 04:38	17°♍42'20	0°10'49
minimum elong	-3426 Oct 07 j 04:22	17°♍43'13	0°10'44
transit middle	-3426 Oct 07 j 04:22	17°♍43'13	0°10'44
transit begin	-3426 Oct 07 j 02:20	17°♍50'14	
transit end	-3426 Oct 07 j 06:24	17°♍36'11	
min. Earth dist.	-3426 Oct 07 j 00:43	17°♍55'48	0.67458 AU
morning rise	-3426 Oct 12 j 11:30	11°♍29'51	
direct	-3426 Oct 16 j 20:56	9°♍44'35	
morning max el	-3426 Oct 25 j 23:28	15°♍08'22	21°53'39
	-3426 Nov 06 j 20:39	0°♎	
desc. node	-3426 Nov 17 j 17:57	15°♎53'38	
	-3426 Nov 26 j 20:04	0°♏	
morning set	-3426 Nov 27 j 05:47	0°♏38'47	
max. Earth dist.	-3426 Dec 03 j 14:53	11°♏02'49	1.41485 AU
superior conj	-3426 Dec 11 j 06:24	24°♏07'29	-1°53'30
minimum elong	-3426 Dec 11 j 04:11	23°♏57'45	1°53'32
	-3426 Dec 14 j 13:46	0°♐	
evening rise	-3426 Dec 21 j 20:35	13°♐19'05	
	-3426 Dec 31 j 05:22	0°♑	
asc. node	-3425 Jan 02 j 15:05	3°♑43'21	
evening max el	-3425 Jan 07 j 06:02	9°♑26'53	18°12'14
retrograde	-3425 Jan 14 j 04:42	12°♑57'15	
evening set	-3425 Jan 16 j 19:36	12°♑28'05	
inferior conj	-3425 Jan 23 j 17:21	7°♑38'16	4°00'03
minimum elong	-3425 Jan 23 j 18:02	7°♑36'43	3°59'55
min. Earth dist.	-3425 Jan 26 j 23:26	4°♑43'31	0.60407 AU
morning rise	-3425 Jan 30 j 14:53	1°♑59'16	
	-3425 Feb 04 j 14:54	30°℞♐	
direct	-3425 Feb 06 j 09:02	29°♐51'26	
	-3425 Feb 08 j 03:48	0°♑	
desc. node	-3425 Feb 13 j 17:14	2°♑07'17	
morning max el	-3425 Feb 20 j 13:02	7°♑31'52	27°23'07
	-3425 Mar 09 j 14:04	0°♒	
morning set	-3425 Mar 24 j 01:58	26°♒46'53	
	-3425 Mar 25 j 14:57	0°♓	
max. Earth dist.	-3425 Mar 30 j 12:58	10°♓35'05	1.32565 AU
superior conj	-3425 Mar 31 j 05:47	12°♓07'01	-0°03'50
minimum elong	-3425 Mar 31 j 05:57	12°♓07'57	0°03'50
behind sun begin	-3425 Mar 31 j 01:04	11°♓41'11	
behind sun end	-3425 Mar 31 j 10:51	12°♓34'44	
asc. node	-3425 Mar 31 j 14:30	12°♓54'43	
evening rise	-3425 Apr 07 j 04:45	27°♓09'45	
	-3425 Apr 08 j 13:25	0°♈	
	-3425 Apr 25 j 19:29	0°♉	
evening max el	-3425 May 04 j 15:23	10°♉23'15	25°35'20
desc. node	-3425 May 12 j 16:02	16°♉10'16	
retrograde	-3425 May 18 j 17:05	17°♉35'42	
evening set	-3425 May 24 j 08:10	16°♉20'38	
min. Earth dist.	-3425 May 29 j 03:39	13°♉34'36	0.58261 AU
inferior conj	-3425 Jun 01 j 09:45	11°♉15'37	-4°11'09
minimum elong	-3425 Jun 01 j 06:43	11°♉21'05	4°10'45
morning rise	-3425 Jun 09 j 08:00	6°♉55'40	
direct	-3425 Jun 11 j 20:11	6°♉35'44	
morning max el	-3425 Jun 20 j 03:16	10°♉30'05	18°46'44
asc. node	-3425 Jun 27 j 14:01	20°♉12'31	
	-3425 Jul 03 j 02:42	0°♊	
morning set	-3425 Jul 06 j 14:18	6°♊42'07	
superior conj	-3425 Jul 15 j 07:10	23°♊33'58	1°48'59
minimum elong	-3425 Jul 15 j 07:14	23°♊34'15	1°49'07
	-3425 Jul 18 j 17:56	0°♋	
max. Earth dist.	-3425 Jul 22 j 06:16	6°♋20'57	1.39183 AU
evening rise	-3425 Jul 26 j 06:48	13°♋21'18	
	-3425 Aug 05 j 12:24	0°♌	
desc. node	-3425 Aug 08 j 15:12	4°♌45'31	
	-3425 Aug 27 j 09:03	0°♍	
evening max el	-3425 Aug 30 j 16:38	3°♍32'12	24°11'12
retrograde	-3425 Sep 10 j 17:51	10°♍01'49	
evening set	-3425 Sep 16 j 02:36	7°♍45'24	
inferior conj	-3425 Sep 21 j 10:48	1°♍26'19	-0°42'58
minimum elong	-3425 Sep 21 j 11:49	1°♍22'53	0°42'28

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

min. Earth dist.	-3425 Sep 20 j 20:30	2°♍14'35	0.67318 AU
	-3425 Sep 22 j 12:35	30°℞♌	
asc. node	-3425 Sep 23 j 13:09	28°♌41'18	
morning rise	-3425 Sep 26 j 21:00	25°♌19'14	
direct	-3425 Sep 30 j 17:29	23°♌54'28	
morning max el	-3425 Oct 08 j 19:23	28°♌37'42	20°36'53
	-3425 Oct 10 j 02:20	0°♍	
	-3425 Oct 31 j 11:40	0°♎	
desc. node	-3425 Nov 04 j 14:55	6°♎20'43	
morning set	-3425 Nov 06 j 07:09	8°♎56'31	
max. Earth dist.	-3425 Nov 15 j 22:07	24°♎10'03	1.43200 AU
	-3425 Nov 19 j 12:04	0°♏	
superior conj	-3425 Nov 22 j 05:34	4°♏31'04	-1°37'19
minimum elong	-3425 Nov 21 j 23:33	4°♏06'02	1°36'54
evening rise	-3425 Dec 04 j 11:33	25°♏34'47	
	-3425 Dec 06 j 23:49	0°♐	
asc. node	-3425 Dec 20 j 12:10	21°♐16'38	
evening max el	-3425 Dec 21 j 17:45	22°♐36'22	18°08'52
retrograde	-3425 Dec 28 j 07:45	26°♐04'31	
evening set	-3425 Dec 31 j 01:52	25°♐27'17	
inferior conj	-3424 Jan 06 j 11:50	20°♐16'23	3°56'51
minimum elong	-3424 Jan 06 j 10:17	20°♐20'21	3°56'36
min. Earth dist.	-3424 Jan 09 j 06:26	17°♐26'12	0.62362 AU
morning rise	-3424 Jan 12 j 17:47	14°♐23'50	
direct	-3424 Jan 19 j 19:02	11°♐47'26	
desc. node	-3424 Jan 31 j 14:20	17°♐32'57	
morning max el	-3424 Feb 02 j 17:41	19°♐32'36	27°43'23
	-3424 Feb 11 j 16:57	0°♑	
	-3424 Mar 01 j 10:21	0°♒	
morning set	-3424 Mar 07 j 05:26	11°♒17'57	
max. Earth dist.	-3424 Mar 12 j 22:59	23°♒18'01	1.32875 AU
superior conj	-3424 Mar 14 j 15:48	26°♒58'11	-0°29'11
minimum elong	-3424 Mar 14 j 17:07	27°♒05'20	0°28'59
	-3424 Mar 16 j 01:19	0°♓	
asc. node	-3424 Mar 17 j 11:31	3°♓05'42	
evening rise	-3424 Mar 21 j 16:21	12°♓06'36	
	-3424 Mar 30 j 20:28	0°♈	
evening max el	-3424 Apr 15 j 07:24	21°♈12'58	24°07'48
desc. node	-3424 Apr 28 j 13:09	28°♈08'59	
retrograde	-3424 Apr 29 j 03:18	28°♈09'46	
evening set	-3424 May 03 j 10:11	27°♈28'47	
min. Earth dist.	-3424 May 09 j 18:57	24°♈23'27	0.56515 AU
inferior conj	-3424 May 12 j 07:10	22°♈49'40	-3°23'00
minimum elong	-3424 May 12 j 01:15	22°♈58'57	3°21'38
morning rise	-3424 May 20 j 19:25	18°♈47'12	
direct	-3424 May 23 j 07:28	18°♈30'39	
morning max el	-3424 Jun 02 j 00:35	23°♈00'51	19°42'26
	-3424 Jun 07 j 21:13	0°♉	
asc. node	-3424 Jun 13 j 11:02	9°♉07'55	
morning set	-3424 Jun 19 j 15:32	21°♉03'51	
	-3424 Jun 24 j 01:39	0°♊	
superior conj	-3424 Jun 27 j 15:45	7°♊10'56	1°44'44
minimum elong	-3424 Jun 27 j 14:06	7°♊02'47	1°44'46
max. Earth dist.	-3424 Jul 03 j 08:57	18°♊12'43	1.37271 AU
evening rise	-3424 Jul 07 j 05:57	25°♊19'33	
	-3424 Jul 09 j 21:21	0°♋	
desc. node	-3424 Jul 25 j 12:13	24°♋56'07	
	-3424 Jul 29 j 01:48	0°♌	
evening max el	-3424 Aug 12 j 03:18	17°♌03'14	25°26'47
retrograde	-3424 Aug 24 j 04:29	24°♌01'12	
evening set	-3424 Aug 30 j 04:09	21°♌27'43	
min. Earth dist.	-3424 Sep 03 j 13:21	16°♌33'07	0.66858 AU
inferior conj	-3424 Sep 04 j 14:42	15°♌10'52	-1°36'11
minimum elong	-3424 Sep 04 j 16:57	15°♌03'33	1°35'12
asc. node	-3424 Sep 09 j 10:14	9°♌48'06	
morning rise	-3424 Sep 10 j 05:53	9°♌12'10	
direct	-3424 Sep 13 j 15:33	8°♌05'06	
morning max el	-3424 Sep 20 j 22:38	12°♌15'51	19°32'39
	-3424 Oct 04 j 01:59	0°♍	
morning set	-3424 Oct 15 j 07:46	17°♍19'21	
desc. node	-3424 Oct 21 j 11:52	26°♍57'03	
	-3424 Oct 23 j 10:33	0°♎	
max. Earth dist.	-3424 Oct 28 j 11:32	7°♎56'57	1.44368 AU
superior conj	-3424 Nov 01 j 01:21	13°♎38'37	-1°04'05
minimum elong	-3424 Oct 31 j 18:26	13°♎10'57	1°03'19
	-3424 Nov 11 j 02:38	0°♏	
evening rise	-3424 Nov 15 j 06:32	6°♏55'49	
	-3424 Nov 29 j 12:18	0°♐	
evening max el	-3424 Dec 04 j 06:18	5°♐55'49	18°24'26
asc. node	-3424 Dec 06 j 09:14	7°♐48'59	
retrograde	-3424 Dec 10 j 20:11	9°♐32'34	
evening set	-3424 Dec 13 j 18:28	8°♐45'59	
inferior conj	-3424 Dec 19 j 19:19	3°♐16'10	3°35'43
minimum elong	-3424 Dec 19 j 16:32	3°♐24'07	3°35'05
min. Earth dist.	-3424 Dec 21 j 23:24	0°♐47'49	0.64062 AU
	-3424 Dec 22 j 16:52	30°℞♏	
morning rise	-3424 Dec 25 j 14:03	27°♏14'09	
direct	-3423 Jan 01 j 12:46	24°♏23'45	
	-3423 Jan 12 j 19:37	0°♐	
morning max el	-3423 Jan 15 j 02:12	2°♐08'00	27°27'46
desc. node	-3423 Jan 17 j 11:24	4°♐37'02	
	-3423 Feb 04 j 22:05	0°♑	
morning set	-3423 Feb 19 j 01:21	25°♑22'23	
	-3423 Feb 21 j 08:52	0°♒	
max. Earth dist.	-3423 Feb 24 j 01:42	5°♒33'14	1.33575 AU
superior conj	-3423 Feb 26 j 22:26	11°♒35'12	-0°54'00
minimum elong	-3423 Feb 27 j 00:48	11°♒47'45	0°53'39
asc. node	-3423 Mar 04 j 08:31	23°♒10'15	
evening rise	-3423 Mar 06 j 03:37	26°♒57'52	
	-3423 Mar 07 j 14:39	0°♓	
	-3423 Mar 26 j 03:00	0°♈	
evening max el	-3423 Mar 28 j 00:23	1°♈55'37	22°33'35
retrograde	-3423 Apr 10 j 01:18	8°♈18'35	
evening set	-3423 Apr 13 j 02:34	7°♈58'08	
desc. node	-3423 Apr 15 j 10:17	7°♈17'09	
min. Earth dist.	-3423 Apr 21 j 09:10	4°♈21'45	0.55398 AU
inferior conj	-3423 Apr 22 j 10:51	3°♈45'03	-1°54'13
minimum elong	-3423 Apr 22 j 05:57	3°♈52'04	1°52'38
	-3423 Apr 30 j 14:44	30°℞♓	
morning rise	-3423 May 01 j 11:16	29°♓48'18	
direct	-3423 May 04 j 01:55	29°♓32'32	
	-3423 May 07 j 10:32	0°♈	
morning max el	-3423 May 15 j 11:25	4°♈52'19	20°57'44
asc. node	-3423 May 31 j 08:03	28°♈32'03	
	-3423 Jun 01 j 01:57	0°♉	
morning set	-3423 Jun 03 j 22:22	5°♉45'26	
superior conj	-3423 Jun 11 j 11:15	21°♉22'57	1°33'36
minimum elong	-3423 Jun 11 j 08:45	21°♉10'07	1°33'27
max. Earth dist.	-3423 Jun 15 j 17:52	0°♊00'42	1.35613 AU
	-3423 Jun 15 j 17:44	0°♊	
evening rise	-3423 Jun 20 j 01:11	8°♊19'14	
	-3423 Jul 02 j 12:28	0°♋	
desc. node	-3423 Jul 12 j 09:15	14°♋43'40	
	-3423 Jul 25 j 00:19	0°♌	
evening max el	-3423 Jul 25 j 14:26	0°♌34'42	26°29'24
retrograde	-3423 Aug 07 j 10:21	7°♌49'49	
evening set	-3423 Aug 13 j 23:39	5°♌04'54	
min. Earth dist.	-3423 Aug 18 j 00:57	0°♌48'12	0.66053 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3423 Aug 18 j 16:50	30°℞♋	
inferior conj	-3423 Aug 19 j 14:29	28°♋53'45	-2°27'00
minimum elong	-3423 Aug 19 j 17:47	28°♋43'41	2°25'45
morning rise	-3423 Aug 25 j 12:12	23°♋06'26	
asc. node	-3423 Aug 27 j 07:18	22°♋22'34	
direct	-3423 Aug 28 j 13:25	22°♋13'37	
morning max el	-3423 Sep 04 j 08:03	26°♋00'35	18°43'36
	-3423 Sep 07 j 17:56	0°♌	
morning set	-3423 Sep 25 j 04:49	26°♌45'38	
	-3423 Sep 27 j 05:29	0°♍	
desc. node	-3423 Oct 08 j 08:49	17°♍39'20	
superior conj	-3423 Oct 11 j 02:45	21°♍59'02	-0°17'27
minimum elong	-3423 Oct 11 j 00:27	21°♍49'57	0°17'08
max. Earth dist.	-3423 Oct 11 j 04:42	22°♍06'43	1.44856 AU
	-3423 Oct 16 j 04:50	0°♎	
evening rise	-3423 Oct 27 j 01:35	17°♎14'59	
	-3423 Nov 04 j 01:02	0°♏	
evening max el	-3423 Nov 17 j 17:11	19°♏20'46	18°57'42
asc. node	-3423 Nov 23 j 06:18	23°♏05'21	
retrograde	-3423 Nov 24 j 14:13	23°♏15'15	
evening set	-3423 Nov 27 j 18:22	22°♏17'22	
inferior conj	-3423 Dec 03 j 12:18	16°♏31'15	3°02'15
minimum elong	-3423 Dec 03 j 09:11	16°♏40'54	3°01'19
min. Earth dist.	-3423 Dec 05 j 01:49	14°♏35'04	0.65425 AU
morning rise	-3423 Dec 08 j 23:40	10°♏22'37	
direct	-3423 Dec 15 j 13:00	7°♏32'49	
morning max el	-3423 Dec 28 j 11:45	15°♏05'52	26°41'02
desc. node	-3422 Jan 04 j 08:25	22°♏50'48	
	-3422 Jan 09 j 18:53	0°♐	
	-3422 Jan 28 j 15:46	0°♑	
morning set	-3422 Feb 02 j 10:06	8°♑47'56	
max. Earth dist.	-3422 Feb 06 j 17:31	17°♑11'44	1.34721 AU
superior conj	-3422 Feb 10 j 23:29	25°♑50'13	-1°17'03
minimum elong	-3422 Feb 11 j 02:34	26°♑06'11	1°16'42
	-3422 Feb 12 j 23:30	0°♒	
evening rise	-3422 Feb 18 j 12:43	11°♒36'27	
asc. node	-3422 Feb 19 j 05:32	13°♒03'07	
	-3422 Feb 28 j 04:55	0°♓	
evening max el	-3422 Mar 10 j 00:22	12°♓56'16	21°05'27
retrograde	-3422 Mar 21 j 14:52	18°♓29'26	
evening set	-3422 Mar 24 j 00:20	18°♓16'07	
inferior conj	-3422 Apr 02 j 06:01	14°♓17'46	0°00'57
minimum elong	-3422 Apr 02 j 06:03	14°♓17'43	0°00'54
transit middle	-3422 Apr 02 j 06:03	14°♓17'43	0°00'54
transit begin	-3422 Apr 02 j 01:58	14°♓23'31	
transit end	-3422 Apr 02 j 10:09	14°♓11'55	
desc. node	-3422 Apr 02 j 07:23	14°♓15'49	
min. Earth dist.	-3422 Apr 02 j 23:13	13°♓53'22	0.55164 AU
morning rise	-3422 Apr 11 j 11:17	10°♓09'40	
direct	-3422 Apr 14 j 13:49	9°♓48'37	
morning max el	-3422 Apr 27 j 11:27	16°♓01'29	22°29'12
	-3422 May 08 j 08:42	0°♈	
asc. node	-3422 May 18 j 05:03	18°♈16'36	
morning set	-3422 May 19 j 08:42	20°♈39'38	
	-3422 May 23 j 18:42	0°♉	
superior conj	-3422 May 26 j 14:12	5°♉58'31	1°17'24
minimum elong	-3422 May 26 j 11:34	5°♉44'33	1°17'05
max. Earth dist.	-3422 May 29 j 12:42	12°♉07'26	1.34306 AU
evening rise	-3422 Jun 03 j 11:12	22°♉04'25	
	-3422 Jun 07 j 15:11	0°♊	
	-3422 Jun 26 j 06:37	0°♋	
desc. node	-3422 Jun 29 j 06:18	3°♋57'42	
evening max el	-3422 Jul 08 j 01:59	13°♋57'50	27°11'11
retrograde	-3422 Jul 21 j 10:46	21°♋19'48	

evening set	-3422 Jul 28 j 10:28	18°♋32'35	
min. Earth dist.	-3422 Aug 01 j 04:58	14°♋53'13	0.64875 AU
inferior conj	-3422 Aug 03 j 07:55	12°♋30'22	-3°13'10
minimum elong	-3422 Aug 03 j 11:48	12°♋19'27	3°11'58
morning rise	-3422 Aug 09 j 13:40	6°♋57'48	
direct	-3422 Aug 12 j 08:50	6°♋15'57	
asc. node	-3422 Aug 14 j 04:21	6°♋33'29	
morning max el	-3422 Aug 18 j 21:31	9°♋47'23	18°11'17
	-3422 Sep 01 j 17:07	0°♌	
morning set	-3422 Sep 06 j 05:37	7°♌32'47	
	-3422 Sep 19 j 22:50	0°♍	
superior conj	-3422 Sep 20 j 06:45	0°♍31'42	0°31'22
minimum elong	-3422 Sep 20 j 10:28	0°♍46'31	0°30'57
max. Earth dist.	-3422 Sep 23 j 22:51	6°♍22'04	1.44609 AU
desc. node	-3422 Sep 25 j 05:47	8°♍24'18	
evening rise	-3422 Oct 06 j 20:50	26°♍34'43	
	-3422 Oct 09 j 01:48	0°♎	
greatest brilliancy	-3422 Oct 19 j 12:46	16°♎02'04	-0.7m
	-3422 Oct 29 j 12:36	0°♏	
evening max el	-3422 Nov 01 j 00:11	2°♏48'04	19°47'09
retrograde	-3422 Nov 08 j 11:00	7°♏08'31	
asc. node	-3422 Nov 10 j 03:22	6°♏52'09	
evening set	-3422 Nov 11 j 23:02	5°♏56'56	
inferior conj	-3422 Nov 17 j 11:57	29°♎57'28	2°20'22
minimum elong	-3422 Nov 17 j 09:09	0°♏06'37	2°19'22
	-3422 Nov 17 j 11:10	30°℞♎	
min. Earth dist.	-3422 Nov 18 j 12:13	28°♎37'43	0.66423 AU
morning rise	-3422 Nov 22 j 19:04	23°♎44'33	
direct	-3422 Nov 28 j 18:54	21°♎06'44	
morning max el	-3422 Dec 10 j 20:43	28°♎15'35	25°31'26
	-3422 Dec 12 j 12:52	0°♏	
desc. node	-3422 Dec 22 j 05:26	11°♏53'59	
	-3421 Jan 03 j 12:55	0°♐	
morning set	-3421 Jan 16 j 03:04	21°♐21'20	
max. Earth dist.	-3421 Jan 19 j 21:57	28°♐22'37	1.36319 AU
	-3421 Jan 20 j 18:27	0°♑	
superior conj	-3421 Jan 25 j 16:18	9°♑35'38	-1°36'40
minimum elong	-3421 Jan 25 j 19:29	9°♑51'32	1°36'28
evening rise	-3421 Feb 02 j 17:46	25°♑56'50	
	-3421 Feb 04 j 18:12	0°♒	
asc. node	-3421 Feb 06 j 02:34	2°♒39'22	
evening max el	-3421 Feb 20 j 10:36	24°♒30'07	19°51'59
retrograde	-3421 Mar 02 j 08:12	29°♒12'23	
evening set	-3421 Mar 04 j 15:03	28°♒58'28	
inferior conj	-3421 Mar 13 j 06:49	24°♒56'54	1°50'48
minimum elong	-3421 Mar 13 j 11:06	24°♒50'17	1°49'24
min. Earth dist.	-3421 Mar 15 j 13:22	23°♒32'56	0.55865 AU
desc. node	-3421 Mar 20 j 04:29	21°♒06'15	
morning rise	-3421 Mar 22 j 04:55	20°♒22'31	
direct	-3421 Mar 26 j 07:17	19°♒45'18	
morning max el	-3421 Apr 09 j 03:58	26°♒40'50	24°08'36
	-3421 Apr 12 j 08:18	0°♓	
	-3421 May 01 j 02:36	0°♈	
morning set	-3421 May 03 j 20:43	5°♈40'30	
asc. node	-3421 May 05 j 02:05	8°♈15'36	
superior conj	-3421 May 10 j 22:04	20°♈49'30	0°57'29
minimum elong	-3421 May 10 j 19:49	20°♈37'22	0°57'07
max. Earth dist.	-3421 May 12 j 16:53	24°♈39'32	1.33366 AU
	-3421 May 15 j 05:27	0°♉	
evening rise	-3421 May 18 j 07:45	6°♉22'01	
	-3421 May 31 j 04:59	0°♊	
desc. node	-3421 Jun 16 j 03:21	22°♊24'04	
evening max el	-3421 Jun 20 j 12:11	27°♊00'05	27°25'17
	-3421 Jun 23 j 22:43	0°♋	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3421 Jul 04 j 05:09	4°♋22'49	
evening set	-3421 Jul 11 j 09:16	1°♋45'26	
	-3421 Jul 13 j 12:53	30°℞♊	
min. Earth dist.	-3421 Jul 14 j 23:30	28°♊38'34	0.63325 AU
inferior conj	-3421 Jul 17 j 16:19	25°♊55'04	-3°51'25
minimum elong	-3421 Jul 17 j 19:58	25°♊45'49	3°50'35
morning rise	-3421 Jul 24 j 07:36	20°♊40'31	
direct	-3421 Jul 26 j 22:53	20°♊07'00	
asc. node	-3421 Aug 01 j 01:27	22°♊12'44	
morning max el	-3421 Aug 02 j 12:32	23°♊31'21	17°56'39
	-3421 Aug 07 j 16:03	0°♋	
morning set	-3421 Aug 19 j 07:05	19°♋30'17	
	-3421 Aug 25 j 08:08	0°♌	
superior conj	-3421 Aug 31 j 08:34	10°♌09'59	1°10'44
minimum elong	-3421 Aug 31 j 14:16	10°♌33'38	1°10'12
max. Earth dist.	-3421 Sep 06 j 14:43	20°♌23'44	1.43670 AU
desc. node	-3421 Sep 12 j 02:45	29°♌08'24	
	-3421 Sep 12 j 15:54	0°♍	
evening rise	-3421 Sep 16 j 01:57	5°♍19'33	
	-3421 Oct 02 j 12:13	0°♎	
evening max el	-3421 Oct 15 j 01:33	16°♎14'27	20°50'39
retrograde	-3421 Oct 23 j 08:13	21°♎08'14	
evening set	-3421 Oct 27 j 06:18	19°♎40'28	
asc. node	-3421 Oct 28 j 00:28	19°♎03'12	
inferior conj	-3421 Nov 01 j 15:52	13°♎30'52	1°32'44
minimum elong	-3421 Nov 01 j 13:51	13°♎37'44	1°31'56
min. Earth dist.	-3421 Nov 02 j 04:23	12°♎48'13	0.67072 AU
morning rise	-3421 Nov 06 j 21:14	7°♎16'00	
direct	-3421 Nov 12 j 05:51	4°♎57'00	
morning max el	-3421 Nov 23 j 05:27	11°♎29'55	24°08'30
	-3421 Dec 08 j 00:43	0°♏	
desc. node	-3421 Dec 09 j 02:27	1°♏31'33	
	-3421 Dec 27 j 07:32	0°♐	
morning set	-3421 Dec 28 j 22:20	2°♐46'04	
max. Earth dist.	-3420 Jan 01 j 18:53	9°♐32'45	1.38265 AU
superior conj	-3420 Jan 08 j 21:16	22°♐40'57	-1°50'38
minimum elong	-3420 Jan 08 j 23:31	22°♐51'40	1°50'39
	-3420 Jan 12 j 16:05	0°♑	
evening rise	-3420 Jan 17 j 16:23	9°♑51'58	
asc. node	-3420 Jan 23 j 23:37	21°♑52'30	
	-3420 Jan 28 j 21:21	0°♒	
evening max el	-3420 Feb 03 j 07:03	6°♒39'21	18°57'24
retrograde	-3420 Feb 11 j 16:55	10°♒41'51	
evening set	-3420 Feb 14 j 02:24	10°♒23'33	
inferior conj	-3420 Feb 22 j 00:34	6°♒06'39	3°09'25
minimum elong	-3420 Feb 22 j 05:10	5°♒58'25	3°08'20
min. Earth dist.	-3420 Feb 25 j 04:53	3°♒51'38	0.57324 AU
morning rise	-3420 Mar 01 j 05:16	1°♒01'43	
	-3420 Mar 04 j 23:46	30°℞♑	
desc. node	-3420 Mar 06 j 01:36	29°♑54'43	
direct	-3420 Mar 06 j 13:02	29°♑54'10	
	-3420 Mar 08 j 02:24	0°♒	
morning max el	-3420 Mar 20 j 19:05	7°♒16'42	25°42'24
	-3420 Apr 06 j 13:41	0°♓	
morning set	-3420 Apr 17 j 08:43	20°♓42'05	
asc. node	-3420 Apr 20 j 23:07	28°♓23'57	
	-3420 Apr 21 j 16:49	0°♈	
superior conj	-3420 Apr 24 j 08:46	5°♈48'58	0°34'57
minimum elong	-3420 Apr 24 j 07:17	5°♈40'52	0°34'39
max. Earth dist.	-3420 Apr 25 j 03:26	7°♈30'43	1.32777 AU
evening rise	-3420 May 01 j 11:31	21°♈01'27	
	-3420 May 05 j 23:16	0°♉	
	-3420 May 24 j 10:44	0°♊	
evening max el	-3420 Jun 01 j 18:27	9°♊28'43	27°07'23
desc. node	-3420 Jun 02 j 00:25	9°♊42'54	
retrograde	-3420 Jun 15 j 16:58	16°♊50'10	
evening set	-3420 Jun 22 j 16:08	14°♊36'40	
min. Earth dist.	-3420 Jun 26 j 08:00	11°♊51'00	0.61448 AU
inferior conj	-3420 Jun 29 j 12:30	9°♊00'41	-4°16'46
minimum elong	-3420 Jun 29 j 14:38	8°♊55'53	4°16'27
morning rise	-3420 Jul 06 j 14:44	4°♊06'57	
direct	-3420 Jul 09 j 03:55	3°♊39'47	
morning max el	-3420 Jul 16 j 02:22	7°♊06'36	18°00'38
asc. node	-3420 Jul 17 j 22:32	9°♊05'42	
	-3420 Jul 30 j 20:25	0°♋	
morning set	-3420 Aug 01 j 03:46	2°♋23'34	
superior conj	-3420 Aug 11 j 14:13	21°♋11'39	1°35'48
minimum elong	-3420 Aug 11 j 18:17	21°♋29'26	1°35'37
	-3420 Aug 16 j 17:25	0°♌	
max. Earth dist.	-3420 Aug 19 j 01:17	3°♌53'15	1.42168 AU
evening rise	-3420 Aug 25 j 12:00	14°♌20'12	
desc. node	-3420 Aug 28 j 23:43	19°♌48'54	
	-3420 Sep 04 j 16:02	0°♍	
evening max el	-3420 Sep 26 j 20:42	29°♍40'05	22°04'51
	-3420 Sep 27 j 04:38	0°♎	
retrograde	-3420 Oct 06 j 04:05	5°♎12'06	
evening set	-3420 Oct 10 j 14:17	3°♎26'07	
asc. node	-3420 Oct 13 j 21:35	29°♍53'38	
	-3420 Oct 13 j 19:36	30°℞♍	
inferior conj	-3420 Oct 15 j 22:05	27°♍09'55	0°41'24
minimum elong	-3420 Oct 15 j 21:08	27°♍13'12	0°41'01
min. Earth dist.	-3420 Oct 15 j 24:00	27°♍03'19	0.67405 AU
morning rise	-3420 Oct 21 j 03:52	20°♍55'37	
direct	-3420 Oct 25 j 21:20	18°♍58'07	
morning max el	-3420 Nov 04 j 16:13	24°♍47'52	22°41'46
	-3420 Nov 09 j 07:28	0°♎	
desc. node	-3420 Nov 24 j 23:27	21°♎33'39	
	-3420 Nov 30 j 12:54	0°♏	
morning set	-3420 Dec 08 j 14:09	12°♏48'56	
max. Earth dist.	-3420 Dec 13 j 15:24	21°♏15'18	1.40342 AU
	-3420 Dec 18 j 16:07	0°♐	
superior conj	-3420 Dec 21 j 09:42	4°♐54'04	-1°55'53
minimum elong	-3420 Dec 21 j 09:33	4°♐53'20	1°56'00
evening rise	-3420 Dec 31 j 05:39	23°♐14'53	
	-3419 Jan 03 j 19:49	0°♑	
asc. node	-3419 Jan 09 j 20:41	10°♑35'02	
evening max el	-3419 Jan 16 j 11:43	19°♑18'50	18°22'58
retrograde	-3419 Jan 23 j 20:12	22°♑56'44	
evening set	-3419 Jan 26 j 09:06	22°♑32'00	
inferior conj	-3419 Feb 02 j 14:58	17°♑54'49	3°50'47
minimum elong	-3419 Feb 02 j 17:14	17°♑50'06	3°50'27
min. Earth dist.	-3419 Feb 06 j 00:18	15°♑07'20	0.59236 AU
morning rise	-3419 Feb 09 j 23:15	12°♑25'41	
direct	-3419 Feb 16 j 07:50	10°♑39'00	
desc. node	-3419 Feb 20 j 22:43	11°♑32'46	
morning max el	-3419 Mar 02 j 14:09	18°♑15'56	26°55'17
	-3419 Mar 12 j 10:26	0°♒	
	-3419 Mar 30 j 00:58	0°♓	
morning set	-3419 Apr 01 j 18:56	5°♓37'26	
asc. node	-3419 Apr 07 j 20:08	18°♓36'40	
superior conj	-3419 Apr 08 j 20:31	20°♓50'09	0°10'39
minimum elong	-3419 Apr 08 j 20:03	20°♓47'33	0°10'31
behind sun begin	-3419 Apr 08 j 16:18	20°♓27'01	
behind sun end	-3419 Apr 08 j 23:48	21°♓08'06	
max. Earth dist.	-3419 Apr 08 j 16:37	20°♓28'48	1.32535 AU
	-3419 Apr 13 j 01:27	0°♈	
evening rise	-3419 Apr 15 j 19:56	5°♈53'30	
	-3419 Apr 28 j 15:37	0°♉	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening max el	-3419 May 14 j 18:44	21°♉15'05	26°17'06
desc. node	-3419 May 19 j 21:32	25°♉25'23	
retrograde	-3419 May 28 j 20:47	28°♉32'58	
evening set	-3419 Jun 04 j 02:49	26°♉55'20	
min. Earth dist.	-3419 Jun 08 j 07:42	24°♉14'08	0.59401 AU
inferior conj	-3419 Jun 11 j 16:45	21°♉37'10	-4°21'37
minimum elong	-3419 Jun 11 j 15:52	21°♉38'53	4°21'31
morning rise	-3419 Jun 19 j 07:19	17°♉05'17	
direct	-3419 Jun 21 j 19:32	16°♉43'08	
morning max el	-3419 Jun 29 j 12:00	20°♉23'56	18°24'06
asc. node	-3419 Jul 04 j 19:36	26°♉56'06	
	-3419 Jul 06 j 18:55	0°♊	
morning set	-3419 Jul 15 j 14:30	15°♊58'34	
	-3419 Jul 22 j 23:41	0°♋	
superior conj	-3419 Jul 24 j 20:04	3°♋25'43	1°47'24
minimum elong	-3419 Jul 24 j 21:29	3°♋32'16	1°47'29
max. Earth dist.	-3419 Aug 01 j 05:47	16°♋38'23	1.40309 AU
evening rise	-3419 Aug 05 j 19:15	24°♋21'22	
	-3419 Aug 09 j 06:08	0°♌	
desc. node	-3419 Aug 15 j 20:43	10°♌21'35	
	-3419 Aug 29 j 12:21	0°♍	
evening max el	-3419 Sep 09 j 10:45	13°♍06'44	23°25'00
retrograde	-3419 Sep 19 j 21:06	19°♍16'59	
evening set	-3419 Sep 24 j 21:11	17°♍11'46	
inferior conj	-3419 Sep 30 j 04:47	10°♍52'38	-0°11'56
minimum elong	-3419 Sep 30 j 05:03	10°♍51'41	0°11'47
transit middle	-3419 Sep 30 j 05:03	10°♍51'41	0°11'47
transit begin	-3419 Sep 30 j 03:11	10°♍58'07	
transit end	-3419 Sep 30 j 06:56	10°♍45'15	
min. Earth dist.	-3419 Sep 29 j 20:31	11°♍20'59	0.67436 AU
asc. node	-3419 Sep 30 j 18:41	10°♍05'03	
morning rise	-3419 Oct 05 j 12:51	4°♍41'49	
direct	-3419 Oct 09 j 16:27	3°♍05'35	
morning max el	-3419 Oct 18 j 08:03	8°♍11'49	21°19'34
	-3419 Nov 03 j 22:04	0°♎	
desc. node	-3419 Nov 11 j 20:25	11°♎53'09	
morning set	-3419 Nov 18 j 02:18	21°♎34'08	
	-3419 Nov 23 j 09:08	0°♏	
max. Earth dist.	-3419 Nov 25 j 17:39	3°♏50'09	1.42267 AU
superior conj	-3419 Dec 03 j 00:02	16°♏01'35	-1°48'39
minimum elong	-3419 Dec 02 j 20:08	15°♏44'50	1°48'31
	-3419 Dec 10 j 22:44	0°♐	
evening rise	-3419 Dec 14 j 05:59	5°♐57'39	
asc. node	-3419 Dec 27 j 17:44	28°♐37'20	
	-3419 Dec 28 j 19:27	0°♑	
evening max el	-3419 Dec 30 j 21:49	2°♑20'29	18°08'30
retrograde	-3418 Jan 06 j 15:39	5°♑48'17	
evening set	-3418 Jan 09 j 07:52	5°♑15'52	
inferior conj	-3418 Jan 16 j 00:16	0°♑17'16	4°01'19
minimum elong	-3418 Jan 15 j 23:54	0°♑18'10	4°01'11
	-3418 Jan 16 j 07:29	30°℞♐	
min. Earth dist.	-3418 Jan 19 j 02:20	27°♐21'32	0.61260 AU
morning rise	-3418 Jan 22 j 14:37	24°♐31'53	
direct	-3418 Jan 29 j 13:18	22°♐09'53	
desc. node	-3418 Feb 07 j 19:48	25°♐45'59	
morning max el	-3418 Feb 12 j 15:19	29°♐53'28	27°36'11
	-3418 Feb 12 j 17:59	0°♑	
	-3418 Mar 06 j 08:31	0°♒	
morning set	-3418 Mar 17 j 01:30	20°♒19'53	
	-3418 Mar 21 j 15:37	0°♓	
max. Earth dist.	-3418 Mar 23 j 04:50	3°♓21'12	1.32647 AU
superior conj	-3418 Mar 24 j 07:40	5°♓47'13	-0°14'35
minimum elong	-3418 Mar 24 j 08:20	5°♓50'49	0°14'29
behind sun begin	-3418 Mar 24 j 06:18	5°♓39'43	
behind sun end	-3418 Mar 24 j 10:22	6°♓01'56	
asc. node	-3418 Mar 25 j 17:09	8°♓49'50	
evening rise	-3418 Mar 31 j 06:55	20°♓51'00	
	-3418 Apr 04 j 18:34	0°♈	
	-3418 Apr 24 j 05:29	0°♉	
evening max el	-3418 Apr 26 j 13:10	2°♉22'04	24°59'58
desc. node	-3418 May 06 j 18:38	8°♉55'54	
retrograde	-3418 May 10 j 13:59	9°♉29'36	
evening set	-3418 May 15 j 15:36	8°♉30'34	
min. Earth dist.	-3418 May 21 j 01:23	5°♉37'32	0.57459 AU
inferior conj	-3418 May 24 j 01:50	3°♉35'54	-3°55'46
minimum elong	-3418 May 23 j 21:17	3°♉43'35	3°55'00
	-3418 May 30 j 08:48	30°℞♈	
morning rise	-3418 Jun 01 j 05:57	29°♈23'57	
direct	-3418 Jun 03 j 17:52	29°♈05'41	
	-3418 Jun 07 j 21:52	0°♉	
morning max el	-3418 Jun 12 j 14:30	3°♉13'58	19°07'54
asc. node	-3418 Jun 21 j 16:38	15°♉30'53	
morning set	-3418 Jun 29 j 11:19	0°♊05'25	
	-3418 Jun 29 j 10:13	0°♊	
superior conj	-3418 Jul 07 j 20:22	16°♊36'14	1°48'09
minimum elong	-3418 Jul 07 j 19:36	16°♊32'30	1°48'16
max. Earth dist.	-3418 Jul 14 j 07:38	28°♊44'30	1.38351 AU
	-3418 Jul 15 j 00:18	0°♋	
evening rise	-3418 Jul 18 j 04:35	5°♋38'25	
	-3418 Aug 02 j 06:30	0°♌	
desc. node	-3418 Aug 02 j 17:43	0°♌41'45	
evening max el	-3418 Aug 22 j 22:08	26°♌36'44	24°44'31
	-3418 Aug 26 j 17:42	0°♍	
retrograde	-3418 Sep 03 j 10:11	3°♍19'26	
evening set	-3418 Sep 09 j 01:12	0°♍55'37	
	-3418 Sep 10 j 00:52	30°℞♌	
min. Earth dist.	-3418 Sep 13 j 15:25	25°♌39'41	0.67162 AU
inferior conj	-3418 Sep 14 j 10:12	24°♌37'09	-1°05'41
minimum elong	-3418 Sep 14 j 11:45	24°♌31'58	1°04'58
asc. node	-3418 Sep 17 j 15:46	20°♌36'09	
morning rise	-3418 Sep 19 j 22:18	18°♌33'00	
direct	-3418 Sep 23 j 13:58	17°♌15'58	
morning max el	-3418 Oct 01 j 07:00	21°♌44'20	20°07'45
	-3418 Oct 08 j 01:27	0°♍	
morning set	-3418 Oct 28 j 00:15	29°♍45'00	
	-3418 Oct 28 j 04:08	0°♎	
desc. node	-3418 Oct 29 j 17:22	2°♎24'31	
max. Earth dist.	-3418 Nov 08 j 03:41	17°♎16'01	1.43778 AU
superior conj	-3418 Nov 13 j 11:27	25°♎52'26	-1°25'17
minimum elong	-3418 Nov 13 j 04:27	25°♎23'50	1°24'39
	-3418 Nov 15 j 23:42	0°♏	
evening rise	-3418 Nov 26 j 13:01	17°♏51'04	
	-3418 Dec 03 j 14:59	0°♐	
evening max el	-3418 Dec 14 j 10:18	15°♐35'25	18°13'16
asc. node	-3418 Dec 14 j 14:48	15°♐46'40	
retrograde	-3418 Dec 20 j 23:06	19°♐05'35	
evening set	-3418 Dec 23 j 18:56	18°♐24'26	
inferior conj	-3418 Dec 30 j 00:44	13°♐05'16	3°49'39
minimum elong	-3418 Dec 29 j 22:32	13°♐11'10	3°49'15
min. Earth dist.	-3417 Jan 01 j 13:19	10°♐22'48	0.63131 AU
morning rise	-3417 Jan 05 j 01:26	7°♐08'38	
direct	-3417 Jan 12 j 02:50	4°♐24'20	
desc. node	-3417 Jan 25 j 16:51	11°♐57'22	
morning max el	-3417 Jan 25 j 21:42	12°♐09'17	27°40'52
	-3417 Feb 09 j 04:00	0°♑	
	-3417 Feb 26 j 17:20	0°♒	
morning set	-3417 Mar 01 j 02:04	4°♒40'21	
max. Earth dist.	-3417 Mar 06 j 12:08	15°♒53'17	1.33128 AU

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

superior conj	-3417 Mar 08 j 16:28	20°♒33'02	-0°39'51
minimum elong	-3417 Mar 08 j 18:15	20°♒42'38	0°39'33
asc. node	-3417 Mar 12 j 14:08	28°♒58'31	
	-3417 Mar 13 j 01:34	0°♓	
evening rise	-3417 Mar 15 j 18:34	5°♓46'11	
	-3417 Mar 28 j 19:40	0°♈	
evening max el	-3417 Apr 08 j 04:54	13°♈05'21	23°27'41
retrograde	-3417 Apr 21 j 18:20	19°♈49'15	
desc. node	-3417 Apr 23 j 15:43	19°♈41'17	
evening set	-3417 Apr 25 j 11:37	19°♈18'55	
min. Earth dist.	-3417 May 02 j 15:51	16°♈02'04	0.55950 AU
inferior conj	-3417 May 04 j 14:59	14°♈51'59	-2°50'00
minimum elong	-3417 May 04 j 08:52	15°♈01'06	2°48'19
morning rise	-3417 May 13 j 08:49	10°♈53'33	
direct	-3417 May 15 j 21:36	10°♈37'38	
morning max el	-3417 May 26 j 07:20	15°♈27'35	20°12'12
	-3417 Jun 05 j 23:57	0°♉	
asc. node	-3417 Jun 08 j 13:39	4°♉39'19	
morning set	-3417 Jun 13 j 15:12	14°♉36'11	
superior conj	-3417 Jun 21 j 10:01	0°♊28'54	1°40'44
minimum elong	-3417 Jun 21 j 07:54	0°♊18'17	1°40'41
	-3417 Jun 21 j 04:16	0°♊	
max. Earth dist.	-3417 Jun 26 j 12:37	10°♊32'20	1.36528 AU
evening rise	-3417 Jun 30 j 12:55	18°♊04'11	
	-3417 Jul 07 j 07:28	0°♋	
desc. node	-3417 Jul 20 j 14:44	20°♋43'26	
	-3417 Jul 27 j 11:17	0°♌	
evening max el	-3417 Aug 05 j 09:03	10°♌09'10	25°55'35
retrograde	-3417 Aug 17 j 18:39	17°♌14'59	
evening set	-3417 Aug 24 j 00:27	14°♌35'53	
min. Earth dist.	-3417 Aug 28 j 06:16	9°♌57'23	0.66559 AU
inferior conj	-3417 Aug 29 j 12:36	8°♌21'23	-1°58'09
minimum elong	-3417 Aug 29 j 15:20	8°♌12'43	1°57'01
morning rise	-3417 Sep 04 j 06:21	2°♌27'09	
asc. node	-3417 Sep 04 j 12:51	2°♌17'29	
direct	-3417 Sep 07 j 12:15	1°♌26'24	
morning max el	-3417 Sep 14 j 13:03	5°♌25'35	19°09'55
	-3417 Oct 01 j 21:29	0°♍	
morning set	-3417 Oct 07 j 07:51	8°♍30'56	
desc. node	-3417 Oct 16 j 14:20	23°♍03'59	
	-3417 Oct 21 j 00:03	0°♎	
max. Earth dist.	-3417 Oct 21 j 19:43	1°♎17'36	1.44668 AU
superior conj	-3417 Oct 23 j 21:33	4°♎34'37	-0°45'26
minimum elong	-3417 Oct 23 j 15:59	4°♎12'32	0°44'45
evening rise	-3417 Nov 07 j 22:16	28°♎47'12	
	-3417 Nov 08 j 16:02	0°♏	
evening max el	-3417 Nov 27 j 22:29	28°♏58'06	18°36'23
	-3417 Nov 29 j 00:07	0°♐	
asc. node	-3417 Dec 01 j 11:51	1°♐49'02	
retrograde	-3417 Dec 04 j 14:24	2°♐41'11	
evening set	-3417 Dec 07 j 15:02	1°♐49'53	
	-3417 Dec 10 j 01:17	30°℞♏	
inferior conj	-3417 Dec 13 j 12:40	26°♏12'31	3°22'43
minimum elong	-3417 Dec 13 j 09:39	26°♏21'28	3°21'57
min. Earth dist.	-3417 Dec 15 j 10:19	23°♏57'22	0.64693 AU
morning rise	-3417 Dec 19 j 03:53	20°♏07'29	
direct	-3417 Dec 25 j 23:12	17°♏16'04	
morning max el	-3416 Jan 08 j 07:02	24°♏56'06	27°11'14
desc. node	-3416 Jan 12 j 13:54	29°♏34'09	
	-3416 Jan 12 j 22:45	0°♐	
	-3416 Feb 02 j 14:02	0°♑	
morning set	-3416 Feb 12 j 17:43	18°♑29'29	
max. Earth dist.	-3416 Feb 17 j 10:49	27°♑54'19	1.34019 AU
	-3416 Feb 18 j 11:15	0°♒	

superior conj	-3416 Feb 20 j 21:00	5°♒01'19	-1°04'05
minimum elong	-3416 Feb 20 j 23:43	5°♒15'39	1°03'43
asc. node	-3416 Feb 27 j 11:09	18°♒58'32	
evening rise	-3416 Feb 28 j 05:10	20°♒32'52	
	-3416 Mar 03 j 21:25	0°♓	
evening max el	-3416 Mar 20 j 00:04	23°♓51'53	21°54'30
retrograde	-3416 Apr 01 j 11:34	29°♓55'01	
evening set	-3416 Apr 04 j 04:26	29°♓38'43	
desc. node	-3416 Apr 09 j 12:50	27°♓43'42	
min. Earth dist.	-3416 Apr 13 j 05:30	25°♓44'46	0.55187 AU
inferior conj	-3416 Apr 13 j 13:20	25°♓33'45	-1°06'47
minimum elong	-3416 Apr 13 j 10:16	25°♓38'04	1°05'45
morning rise	-3416 Apr 22 j 17:09	21°♓34'52	
direct	-3416 Apr 25 j 11:30	21°♓17'51	
morning max el	-3416 May 07 j 13:21	26°♓59'54	21°35'11
	-3416 May 10 j 10:43	0°♈	
asc. node	-3416 May 25 j 10:40	24°♈12'48	
morning set	-3416 May 27 j 23:45	29°♈23'43	
	-3416 May 28 j 06:46	0°♉	
superior conj	-3416 Jun 04 j 09:00	14°♉51'45	1°27'15
minimum elong	-3416 Jun 04 j 06:22	14°♉38'02	1°27'01
max. Earth dist.	-3416 Jun 08 j 01:41	22°♉26'38	1.35005 AU
	-3416 Jun 11 j 21:26	0°♊	
evening rise	-3416 Jun 12 j 14:57	1°♊24'13	
	-3416 Jun 29 j 07:15	0°♋	
desc. node	-3416 Jul 06 j 11:46	10°♋18'03	
evening max el	-3416 Jul 17 j 20:19	23°♋37'33	26°50'12
	-3416 Jul 26 j 15:33	0°♌	
retrograde	-3416 Jul 30 j 22:08	0°♌56'36	
	-3416 Aug 03 j 21:31	30°℞♋	
evening set	-3416 Aug 06 j 16:35	28°♋09'04	
min. Earth dist.	-3416 Aug 10 j 14:42	24°♋08'55	0.65596 AU
inferior conj	-3416 Aug 12 j 09:55	22°♋01'33	-2°47'22
minimum elong	-3416 Aug 12 j 13:33	21°♋50'51	2°46'05
morning rise	-3416 Aug 18 j 10:54	16°♋20'26	
direct	-3416 Aug 21 j 09:17	15°♋32'41	
asc. node	-3416 Aug 21 j 09:55	15°♋32'41	
morning max el	-3416 Aug 28 j 00:32	19°♋11'47	18°27'53
	-3416 Sep 05 j 03:51	0°♌	
morning set	-3416 Sep 16 j 16:34	18°♌31'20	
	-3416 Sep 23 j 19:01	0°♍	
superior conj	-3416 Oct 01 j 21:02	12°♍51'26	0°03'48
minimum elong	-3416 Oct 01 j 21:33	12°♍53'26	0°03'47
behind sun begin	-3416 Oct 01 j 10:30	12°♍09'49	
behind sun end	-3416 Oct 02 j 08:35	13°♍37'01	
desc. node	-3416 Oct 02 j 11:17	13°♍47'40	
max. Earth dist.	-3416 Oct 03 j 13:58	15°♍32'53	1.44835 AU
	-3416 Oct 12 j 18:34	0°♎	
evening rise	-3416 Oct 18 j 06:45	8°♎39'51	
greatest brilliancy	-3416 Oct 28 j 02:40	24°♎05'31	-0.8m
	-3416 Oct 31 j 23:24	0°♏	
evening max el	-3416 Nov 10 j 07:54	12°♏23'58	19°16'48
retrograde	-3416 Nov 17 j 10:06	16°♏28'54	
asc. node	-3416 Nov 17 j 08:55	16°♏28'53	
evening set	-3416 Nov 20 j 17:17	15°♏25'30	
inferior conj	-3416 Nov 26 j 08:51	9°♏33'02	2°45'20
minimum elong	-3416 Nov 26 j 05:48	9°♏42'44	2°44'21
min. Earth dist.	-3416 Nov 27 j 16:28	7°♏52'12	0.65890 AU
morning rise	-3416 Dec 01 j 18:03	3°♏22'06	
direct	-3416 Dec 08 j 01:50	0°♏36'30	
morning max el	-3416 Dec 20 j 16:46	8°♏01'19	26°13'43
desc. node	-3416 Dec 29 j 10:56	18°♏11'05	
	-3415 Jan 06 j 22:40	0°♐	
	-3415 Jan 24 j 23:56	0°♑	
morning set	-3415 Jan 25 j 20:30	1°♑35'24	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

max. Earth dist.	-3415 Jan 29 j 21:57	9°♋20'32	1.35350 AU	
	-3415 Feb 03 j 18:57	19°♋05'04	-1°25'54	
superior conj	-3415 Feb 03 j 18:57	19°♋05'04	-1°25'54	
minimum elong	-3415 Feb 03 j 22:11	19°♋21'32	1°25'36	
	-3415 Feb 09 j 01:49	0°♒		
evening rise	-3415 Feb 11 j 12:52	5°♒04'59		
asc. node	-3415 Feb 13 j 08:10	8°♒45'19		
	-3415 Feb 25 j 16:33	0°♓		
evening max el	-3415 Mar 02 j 04:11	5°♓06'01	20°32'00	
retrograde	-3415 Mar 13 j 01:42	10°♓17'25		
evening set	-3415 Mar 15 j 08:38	10°♓04'36		
inferior conj	-3415 Mar 24 j 09:18	6°♓06'36	0°50'10	
minimum elong	-3415 Mar 24 j 11:32	6°♓03'21	0°49'21	
min. Earth dist.	-3415 Mar 25 j 19:44	5°♓16'25	0.55349 AU	
desc. node	-3415 Mar 27 j 09:57	4°♓22'22		
morning rise	-3415 Apr 02 j 13:04	1°♓48'29		
direct	-3415 Apr 06 j 00:05	1°♓22'25		
morning max el	-3415 Apr 19 j 09:52	7°♓55'35	23°11'17	
	-3415 May 05 j 04:07	0°♈		
morning set	-3415 May 12 j 11:03	14°♈22'10		
asc. node	-3415 May 12 j 07:42	14°♈04'43		
	-3415 May 19 j 14:24	29°♈35'45	1°09'20	
superior conj	-3415 May 19 j 14:24	29°♈35'45	1°09'20	
minimum elong	-3415 May 19 j 11:52	29°♈22'15	1°08'59	
	-3415 May 19 j 18:57	0°♉		
max. Earth dist.	-3415 May 22 j 00:37	4°♉44'04	1.33855 AU	
evening rise	-3415 May 27 j 05:57	15°♉25'15		
	-3415 Jun 04 j 00:03	0°♊		
desc. node	-3415 Jun 23 j 08:50	29°♊14'14		
	-3415 Jun 23 j 23:51	0°♋		
evening max el	-3415 Jun 30 j 07:21	6°♋52'52	27°20'51	
retrograde	-3415 Jul 13 j 20:16	14°♋16'37		
evening set	-3415 Jul 20 j 22:46	11°♋31'35		
min. Earth dist.	-3415 Jul 24 j 14:51	8°♋07'10	0.64256 AU	
inferior conj	-3415 Jul 26 j 23:52	5°♋33'53	-3°30'40	
minimum elong	-3415 Jul 27 j 03:47	5°♋23'20	3°29'35	
morning rise	-3415 Aug 02 j 09:32	0°♋08'50		
	-3415 Aug 02 j 17:44	30°℞♊		
direct	-3415 Aug 05 j 02:40	29°♊31'00		
	-3415 Aug 07 j 11:35	0°♋		
asc. node	-3415 Aug 08 j 07:01	0°♋22'49		
morning max el	-3415 Aug 11 j 15:03	2°♋58'32	18°02'51	
morning set	-3415 Aug 29 j 04:24	29°♋49'37		
	-3415 Aug 29 j 06:51	0°♌		
superior conj	-3415 Sep 11 j 08:42	21°♌47'34	0°49'41	
minimum elong	-3415 Sep 11 j 13:50	22°♌08'23	0°49'07	
	-3415 Sep 16 j 11:23	0°♍		
max. Earth dist.	-3415 Sep 16 j 06:55	29°♌42'16	1.44282 AU	
desc. node	-3415 Sep 19 j 08:15	4°♍32'34		
evening rise	-3415 Sep 27 j 17:59	17°♍39'01		
	-3415 Oct 05 j 19:22	0°♎		
greatest brilliancy	-3415 Oct 10 j 22:56	7°♎44'42	-0.6m	
evening max el	-3415 Oct 24 j 12:34	25°♎50'33	20°12'40	
	-3415 Oct 30 j 03:31	0°♏		
retrograde	-3415 Nov 01 j 07:22	0°♏24'53		
	-3415 Nov 03 j 09:17	30°℞♎		
asc. node	-3415 Nov 04 j 06:02	29°♎34'40		
evening set	-3415 Nov 04 j 23:19	29°♎06'53		
inferior conj	-3415 Nov 10 j 10:36	23°♎02'42	2°00'45	
minimum elong	-3415 Nov 10 j 08:06	23°♎11'06	1°59'48	
min. Earth dist.	-3415 Nov 11 j 05:45	21°♎58'32	0.66734 AU	
morning rise	-3415 Nov 15 j 16:39	16°♎48'24		
direct	-3415 Nov 21 j 10:04	14°♎17'49		
morning max el	-3415 Dec 03 j 01:29	21°♎13'32	24°57'10	
	-3415 Dec 10 j 16:33	0°♏		
desc. node	-3415 Dec 16 j 07:56	7°♏30'19		
	-3415 Dec 31 j 04:19	0°♐		
morning set	-3414 Jan 08 j 05:05	13°♐42'13		
max. Earth dist.	-3414 Jan 11 j 22:04	20°♐25'23	1.37107 AU	
	-3414 Jan 16 j 23:27	0°♑		
superior conj	-3414 Jan 18 j 07:16	2°♑35'03	-1°43'27	
minimum elong	-3414 Jan 18 j 10:12	2°♑49'29	1°43'20	
evening rise	-3414 Jan 26 j 15:31	19°♑15'36		
asc. node	-3414 Jan 31 j 05:13	28°♑12'46		
	-3414 Feb 01 j 04:06	0°♒		
evening max el	-3414 Feb 12 j 19:04	16°♒56'12	19°26'24	
retrograde	-3414 Feb 22 j 00:30	21°♒19'33		
evening set	-3414 Feb 24 j 08:04	21°♒04'14		
inferior conj	-3414 Mar 04 j 16:29	16°♒57'34	2°28'41	
minimum elong	-3414 Mar 04 j 21:23	16°♒49'33	2°27'16	
min. Earth dist.	-3414 Mar 07 j 10:40	15°♒09'55	0.56407 AU	
morning rise	-3414 Mar 13 j 08:00	12°♒09'35		
desc. node	-3414 Mar 14 j 07:04	11°♒51'40		
direct	-3414 Mar 17 j 22:52	11°♒20'54		
morning max el	-3414 Apr 01 j 01:04	18°♒30'37	24°49'59	
	-3414 Apr 10 j 13:56	0°♓		
morning set	-3414 Apr 26 j 23:16	29°♓24'13		
	-3414 Apr 27 j 06:04	0°♈		
asc. node	-3414 Apr 29 j 04:44	4°♈08'25		
superior conj	-3414 May 03 j 23:45	14°♈31'37	0°48'12	
minimum elong	-3414 May 03 j 21:47	14°♈20'58	0°47'51	
max. Earth dist.	-3414 May 05 j 07:45	17°♈24'53	1.33074 AU	
evening rise	-3414 May 11 j 05:58	29°♈53'50		
	-3414 May 11 j 07:11	0°♉		
	-3414 May 28 j 01:58	0°♊		
desc. node	-3414 Jun 10 j 05:55	17°♊14'59		
evening max el	-3414 Jun 12 j 16:14	19°♊42'30	27°21'43	
retrograde	-3414 Jun 26 j 12:14	27°♊05'12		
evening set	-3414 Jul 03 j 15:19	24°♊36'30		
min. Earth dist.	-3414 Jul 07 j 05:19	21°♊40'04	0.62556 AU	
inferior conj	-3414 Jul 10 j 03:29	18°♊51'35	-4°04'10	
minimum elong	-3414 Jul 10 j 06:41	18°♊43'53	4°03'34	
morning rise	-3414 Jul 16 j 23:15	13°♊45'27		
direct	-3414 Jul 19 j 13:21	13°♊14'55		
morning max el	-3414 Jul 26 j 05:53	16°♊39'30	17°55'57	
asc. node	-3414 Jul 26 j 04:07	16°♊35'11		
	-3414 Aug 04 j 16:16	0°♋		
morning set	-3414 Aug 11 j 14:45	12°♋12'36		
	-3414 Aug 21 j 17:55	0°♌		
superior conj	-3414 Aug 22 j 22:20	2°♌01'04	1°23'09	
minimum elong	-3414 Aug 23 j 03:38	2°♌23'30	1°22'44	
max. Earth dist.	-3414 Aug 29 j 20:20	13°♌30'29	1.43087 AU	
desc. node	-3414 Sep 06 j 05:14	25°♌15'43		
evening rise	-3414 Sep 06 j 22:39	26°♌23'46		
	-3414 Sep 09 j 06:25	0°♍		
	-3414 Sep 29 j 18:34	0°♎		
evening max el	-3414 Oct 07 j 11:21	9°♎17'00	21°21'19	
retrograde	-3414 Oct 16 j 04:08	14°♎26'33		
evening set	-3414 Oct 20 j 07:05	12°♎51'26		
asc. node	-3414 Oct 22 j 03:08	11°♎08'12		
inferior conj	-3414 Oct 25 j 15:43	6°♎38'52	1°11'21	
minimum elong	-3414 Oct 25 j 14:08	6°♎44'20	1°10'41	
min. Earth dist.	-3414 Oct 25 j 23:43	6°♎11'23	0.67248 AU	
morning rise	-3414 Oct 30 j 21:00	0°♎23'53		
	-3414 Oct 31 j 08:33	30°℞♍		
direct	-3414 Nov 04 j 23:12	28°♍13'35		
	-3414 Nov 10 j 02:56	0°♎		
morning max el	-3414 Nov 15 j 10:29	4°♎28'35	23°31'33	
desc. node	-3414 Dec 03 j 04:56	27°♎19'38		
	-3414 Dec 05 j 00:36	0°♏		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning set	-3414 Dec 20 j 13:16	24°♏33'36	
	-3414 Dec 23 j 17:34	0°♐	
max. Earth dist.	-3414 Dec 24 j 17:37	1°♐44'51	1.39144 AU
superior conj	-3413 Jan 01 j 05:55	15°♐20'37	-1°54'09
minimum elong	-3413 Jan 01 j 07:20	15°♐27'15	1°54'14
	-3413 Jan 08 j 21:48	0°♑	
evening rise	-3413 Jan 10 j 10:33	2°♑58'16	
asc. node	-3413 Jan 18 j 02:16	17°♑14'17	
evening max el	-3413 Jan 26 j 19:28	29°♑20'13	18°40'19
	-3413 Jan 27 j 12:45	0°♒	
retrograde	-3413 Feb 03 j 16:53	3°♒09'54	
evening set	-3413 Feb 06 j 04:02	2°♒48'54	
	-3413 Feb 11 j 14:41	30°℞♑	
inferior conj	-3413 Feb 13 j 18:59	28°♑23'49	3°31'13
minimum elong	-3413 Feb 13 j 22:46	28°♑16'37	3°30'29
min. Earth dist.	-3413 Feb 17 j 03:23	25°♑52'20	0.58110 AU
morning rise	-3413 Feb 21 j 15:02	23°♑07'54	
direct	-3413 Feb 27 j 10:40	21°♑43'57	
desc. node	-3413 Mar 01 j 04:10	21°♑51'21	
morning max el	-3413 Mar 13 j 17:09	29°♑13'15	26°16'34
	-3413 Mar 14 j 12:04	0°♒	
	-3413 Apr 04 j 04:19	0°♓	
morning set	-3413 Apr 11 j 10:43	14°♓23'58	
asc. node	-3413 Apr 16 j 01:46	24°♓19'11	
superior conj	-3413 Apr 18 j 11:07	29°♓32'39	0°24'49
minimum elong	-3413 Apr 18 j 10:02	29°♓26'45	0°24'35
	-3413 Apr 18 j 16:06	0°♈	
max. Earth dist.	-3413 Apr 18 j 19:58	0°♈21'06	1.32643 AU
evening rise	-3413 Apr 25 j 12:02	14°♈40'02	
	-3413 May 03 j 07:58	0°♉	
	-3413 May 23 j 22:39	0°♊	
evening max el	-3413 May 25 j 20:24	1°♊54'34	26°49'43
desc. node	-3413 May 28 j 03:01	3°♊56'57	
retrograde	-3413 Jun 08 j 20:34	9°♊13'55	
evening set	-3413 Jun 15 j 13:58	7°♊14'57	
min. Earth dist.	-3413 Jun 19 j 09:54	4°♊33'08	0.60590 AU
inferior conj	-3413 Jun 22 j 17:21	1°♊46'12	-4°21'53
minimum elong	-3413 Jun 22 j 18:22	1°♊44'01	4°21'45
	-3413 Jun 24 j 21:14	30°℞♉	
morning rise	-3413 Jun 30 j 00:37	27°♉01'22	
direct	-3413 Jul 02 j 13:22	26°♉36'22	
	-3413 Jul 09 j 14:59	0°♊	
morning max el	-3413 Jul 09 j 18:11	0°♊07'39	18°08'07
asc. node	-3413 Jul 13 j 01:12	3°♊54'11	
morning set	-3413 Jul 25 j 17:57	25°♊25'12	
	-3413 Jul 28 j 04:50	0°♋	
superior conj	-3413 Aug 04 j 14:53	13°♋34'54	1°42'14
minimum elong	-3413 Aug 04 j 17:50	13°♋48'05	1°42'12
max. Earth dist.	-3413 Aug 12 j 04:38	26°♋43'22	1.41410 AU
	-3413 Aug 14 j 03:42	0°♌	
evening rise	-3413 Aug 17 j 16:22	5°♌46'20	
desc. node	-3413 Aug 24 j 02:13	15°♌53'27	
	-3413 Sep 02 j 12:42	0°♍	
evening max el	-3413 Sep 20 j 04:11	22°♍43'02	22°38'42
retrograde	-3413 Sep 29 j 22:44	28°♍31'00	
evening set	-3413 Oct 04 j 14:45	26°♍36'48	
asc. node	-3413 Oct 09 j 00:14	21°♍34'58	
inferior conj	-3413 Oct 09 j 22:17	20°♍19'11	0°18'55
minimum elong	-3413 Oct 09 j 21:51	20°♍20'42	0°18'45
min. Earth dist.	-3413 Oct 09 j 19:52	20°♍27'34	0.67455 AU
morning rise	-3413 Oct 15 j 04:50	14°♍06'14	
direct	-3413 Oct 19 j 16:18	12°♍17'52	
morning max el	-3413 Oct 28 j 22:56	17°♍48'06	22°05'55
	-3413 Nov 07 j 22:39	0°♎	
desc. node	-3413 Nov 20 j 01:53	17°♎29'45	
	-3413 Nov 28 j 04:19	0°♏	
morning set	-3413 Nov 30 j 16:34	4°♏00'07	
max. Earth dist.	-3413 Dec 06 j 16:29	13°♏50'10	1.41198 AU
superior conj	-3413 Dec 14 j 09:35	27°♏07'15	-1°54'36
minimum elong	-3413 Dec 14 j 07:57	26°♏59'59	1°54'39
	-3413 Dec 16 j 00:23	0°♐	
evening rise	-3413 Dec 24 j 18:44	16°♐04'47	
	-3412 Jan 01 j 10:56	0°♑	
asc. node	-3412 Jan 04 j 23:19	5°♑40'47	
evening max el	-3412 Jan 10 j 02:44	12°♑09'40	18°14'23
retrograde	-3412 Jan 17 j 03:37	15°♑41'40	
evening set	-3412 Jan 19 j 18:01	15°♑13'39	
inferior conj	-3412 Jan 26 j 17:45	10°♑27'00	3°58'30
minimum elong	-3412 Jan 26 j 18:50	10°♑24'35	3°58'19
min. Earth dist.	-3412 Jan 30 j 00:56	7°♑33'26	0.60103 AU
morning rise	-3412 Feb 02 j 17:58	4°♑50'18	
direct	-3412 Feb 09 j 09:55	2°♑47'50	
desc. node	-3412 Feb 16 j 01:14	4°♑38'55	
morning max el	-3412 Feb 23 j 14:42	10°♑27'25	27°17'04
	-3412 Mar 09 j 18:50	0°♒	
morning set	-3412 Mar 25 j 19:39	29°♒14'56	
	-3412 Mar 26 j 04:20	0°♓	
superior conj	-3412 Apr 01 j 22:47	14°♓32'47	0°00'00
minimum elong	-3412 Apr 01 j 22:47	14°♓32'49	0°00'01
behind sun begin	-3412 Apr 01 j 18:12	14°♓07'41	
behind sun end	-3412 Apr 02 j 03:23	14°♓57'58	
max. Earth dist.	-3412 Apr 01 j 09:24	13°♓19'37	1.32546 AU
asc. node	-3412 Apr 01 j 22:46	14°♓32'40	
evening rise	-3412 Apr 08 j 21:47	29°♓35'31	
	-3412 Apr 09 j 02:27	0°♈	
	-3412 Apr 25 j 18:52	0°♉	
evening max el	-3412 May 06 j 18:02	13°♉23'29	25°46'54
desc. node	-3412 May 14 j 00:06	18°♉48'37	
retrograde	-3412 May 20 j 19:53	20°♉37'39	
evening set	-3412 May 26 j 15:17	19°♉16'40	
min. Earth dist.	-3412 May 31 j 06:23	16°♉32'29	0.58550 AU
inferior conj	-3412 Jun 03 j 13:47	14°♉08'06	-4°15'04
minimum elong	-3412 Jun 03 j 11:19	14°♉12'38	4°14'47
morning rise	-3412 Jun 11 j 10:01	9°♉45'18	
direct	-3412 Jun 13 j 22:15	9°♉24'48	
morning max el	-3412 Jun 22 j 01:09	13°♉15'02	18°40'14
asc. node	-3412 Jun 28 j 22:14	22°♉05'19	
	-3412 Jul 03 j 12:26	0°♊	
morning set	-3412 Jul 08 j 09:26	9°♊15'39	
superior conj	-3412 Jul 17 j 05:21	26°♊15'54	1°48'53
minimum elong	-3412 Jul 17 j 05:45	26°♊17'45	1°49'00
	-3412 Jul 19 j 05:26	0°♋	
max. Earth dist.	-3412 Jul 24 j 07:54	9°♋12'49	1.39474 AU
evening rise	-3412 Jul 28 j 10:47	16°♋20'03	
	-3412 Aug 05 j 19:58	0°♌	
desc. node	-3412 Aug 09 j 23:14	6°♌22'02	
	-3412 Aug 27 j 03:07	0°♍	
evening max el	-3412 Sep 01 j 16:43	6°♍10'56	23°59'15
retrograde	-3412 Sep 12 j 14:09	12°♍35'53	
evening set	-3412 Sep 17 j 20:38	10°♍22'14	
min. Earth dist.	-3412 Sep 22 j 15:53	4°♍46'11	0.67361 AU
inferior conj	-3412 Sep 23 j 04:38	4°♍02'54	-0°34'48
minimum elong	-3412 Sep 23 j 05:27	4°♍00'07	0°34'24
asc. node	-3412 Sep 24 j 21:19	1°♍47'34	
	-3412 Sep 26 j 09:01	30°℞♌	
morning rise	-3412 Sep 28 j 14:14	27°♌54'49	
direct	-3412 Oct 02 j 12:28	26°♌27'15	
	-3412 Oct 09 j 10:18	0°♍	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3412 Oct 10 j 17:47	1°♍16'13	20°47'31	
	-3412 Oct 31 j 18:22	0°♎		
desc. node	-3412 Nov 05 j 22:51	7°♎54'57		
morning set	-3412 Nov 08 j 20:03	12°♎22'52		
max. Earth dist.	-3412 Nov 17 j 22:19	26°♎48'51	1.42975 AU	
	-3412 Nov 19 j 21:16	0°♏		
superior conj	-3412 Nov 24 j 12:43	7°♏41'58	-1°40'50	
minimum elong	-3412 Nov 24 j 07:12	7°♏18'49	1°40'30	
evening rise	-3412 Dec 06 j 12:13	28°♏27'30		
	-3412 Dec 07 j 09:04	0°♐		
asc. node	-3412 Dec 21 j 20:21	23°♐21'52		
evening max el	-3412 Dec 23 j 14:03	25°♐16'56	18°08'12	
retrograde	-3412 Dec 30 j 04:50	28°♐44'47		
evening set	-3411 Jan 01 j 22:24	28°♐08'52		
inferior conj	-3411 Jan 08 j 09:56	23°♐01'07	3°58'38	
minimum elong	-3411 Jan 08 j 08:40	23°♐04'20	3°58'26	
min. Earth dist.	-3411 Jan 11 j 06:37	20°♐08'46	0.62079 AU	
morning rise	-3411 Jan 14 j 17:54	17°♐10'11		
direct	-3411 Jan 21 j 18:45	14°♐37'01		
desc. node	-3411 Feb 01 j 22:17	19°♐46'29		
morning max el	-3411 Feb 04 j 18:32	22°♐22'19	27°42'45	
	-3411 Feb 11 j 13:11	0°♑		
	-3411 Mar 02 j 20:43	0°♒		
morning set	-3411 Mar 09 j 23:59	13°♒49'22		
max. Earth dist.	-3411 Mar 15 j 20:06	26°♒05'33	1.32798 AU	
superior conj	-3411 Mar 17 j 09:08	29°♒25'47	-0°25'21	
minimum elong	-3411 Mar 17 j 10:17	29°♒32'01	0°25'10	
	-3411 Mar 17 j 15:26	0°♓		
asc. node	-3411 Mar 19 j 19:45	4°♓44'27		
evening rise	-3411 Mar 24 j 09:15	14°♓32'47		
	-3411 Apr 01 j 04:37	0°♈		
evening max el	-3411 Apr 18 j 10:28	24°♈17'09	24°21'43	
	-3411 Apr 26 j 12:15	0°♉		
desc. node	-3411 Apr 30 j 21:12	1°♉12'40		
retrograde	-3411 May 02 j 08:12	1°♉17'34		
evening set	-3411 May 06 j 19:54	0°♉32'18		
	-3411 May 08 j 06:18	30°℞♈		
min. Earth dist.	-3411 May 12 j 22:14	27°♈30'29	0.56742 AU	
inferior conj	-3411 May 15 j 14:15	25°♈48'55	-3°33'03	
minimum elong	-3411 May 15 j 08:34	25°♈57'58	3°31'50	
morning rise	-3411 May 24 j 00:24	21°♈44'20		
direct	-3411 May 26 j 12:17	21°♈27'26		
morning max el	-3411 Jun 04 j 23:56	25°♈51'34	19°32'49	
	-3411 Jun 08 j 17:52	0°♉		
asc. node	-3411 Jun 15 j 19:15	10°♉55'48		
morning set	-3411 Jun 22 j 09:36	23°♉33'50		
	-3411 Jun 25 j 14:23	0°♊		
superior conj	-3411 Jun 30 j 11:57	9°♊46'42	1°45'53	
minimum elong	-3411 Jun 30 j 10:30	9°♊39'35	1°45'55	
max. Earth dist.	-3411 Jul 06 j 09:59	21°♊06'58	1.37545 AU	
evening rise	-3411 Jul 10 j 06:31	28°♊08'14		
	-3411 Jul 11 j 07:44	0°♋		
desc. node	-3411 Jul 27 j 20:16	26°♋35'35		
	-3411 Jul 30 j 04:59	0°♌		
evening max el	-3411 Aug 15 j 03:28	19°♌41'49	25°16'08	
retrograde	-3411 Aug 27 j 01:31	26°♌36'24		
evening set	-3411 Sep 01 j 22:55	24°♌05'19		
min. Earth dist.	-3411 Sep 06 j 09:23	19°♌05'02	0.66947 AU	
inferior conj	-3411 Sep 07 j 09:00	17°♌47'50	-1°28'13	
minimum elong	-3411 Sep 07 j 11:04	17°♌41'03	1°27'19	
asc. node	-3411 Sep 11 j 18:23	12°♌43'51		
morning rise	-3411 Sep 12 j 23:19	11°♌47'33		
direct	-3411 Sep 16 j 10:26	10°♌38'03		
morning max el	-3411 Sep 23 j 19:57	14°♌53'16	19°41'15	
	-3411 Oct 05 j 06:45	0°♍		
morning set	-3411 Oct 18 j 19:15	20°♍40'56		
desc. node	-3411 Oct 23 j 19:51	28°♍30'33		
	-3411 Oct 24 j 18:43	0°♎		
max. Earth dist.	-3411 Oct 31 j 10:47	10°♎30'40	1.44235 AU	
superior conj	-3411 Nov 04 j 12:30	17°♎00'56	-1°10'09	
minimum elong	-3411 Nov 04 j 05:22	16°♎32'16	1°09'24	
	-3411 Nov 12 j 11:32	0°♏		
evening rise	-3411 Nov 18 j 10:31	9°♏57'45		
	-3411 Nov 30 j 13:40	0°♐		
evening max el	-3411 Dec 07 j 02:42	8°♐35'59	18°20'59	
asc. node	-3411 Dec 08 j 17:23	10°♐04'51		
retrograde	-3411 Dec 13 j 16:04	12°♐10'40		
evening set	-3411 Dec 16 j 13:40	11°♐25'35		
inferior conj	-3411 Dec 22 j 15:44	5°♐58'35	3°39'46	
minimum elong	-3411 Dec 22 j 13:04	6°♐06'04	3°39'13	
min. Earth dist.	-3411 Dec 24 j 22:04	3°♐26'05	0.63830 AU	
morning rise	-3411 Dec 28 j 11:53	29°♏57'52		
	-3411 Dec 28 j 10:50	30°℞♏		
direct	-3410 Jan 04 j 11:35	27°♏08'25		
	-3410 Jan 12 j 07:20	0°♐		
morning max el	-3410 Jan 18 j 02:34	4°♐53'22	27°32'13	
desc. node	-3410 Jan 19 j 19:20	6°♐38'04		
	-3410 Feb 06 j 04:23	0°♑		
morning set	-3410 Feb 21 j 21:13	27°♑58'32		
	-3410 Feb 22 j 21:34	0°♒		
max. Earth dist.	-3410 Feb 27 j 00:01	8°♒25'11	1.33443 AU	
superior conj	-3410 Mar 01 j 16:24	14°♒05'37	-0°50'19	
minimum elong	-3410 Mar 01 j 18:37	14°♒17'26	0°49'59	
asc. node	-3410 Mar 06 j 16:45	24°♒50'25		
evening rise	-3410 Mar 08 j 20:40	29°♒25'24		
	-3410 Mar 09 j 03:16	0°♓		
	-3410 Mar 26 j 14:15	0°♈		
evening max el	-3410 Mar 31 j 02:57	4°♈59'17	22°47'33	
retrograde	-3410 Apr 13 j 07:43	11°♈28'12		
evening set	-3410 Apr 16 j 12:40	11°♈05'42		
desc. node	-3410 Apr 17 j 18:16	10°♈45'42		
min. Earth dist.	-3410 Apr 24 j 12:34	7°♈34'50	0.55516 AU	
inferior conj	-3410 Apr 25 j 20:08	6°♈49'22	-2°09'59	
minimum elong	-3410 Apr 25 j 14:45	6°♈57'08	2°08'19	
morning rise	-3410 May 04 j 18:59	2°♈52'34		
direct	-3410 May 07 j 08:54	2°♈36'54		
morning max el	-3410 May 18 j 12:19	7°♈48'51	20°45'18	
asc. node	-3410 Jun 02 j 16:18	0°♉16'13		
	-3410 Jun 02 j 12:56	0°♉		
morning set	-3410 Jun 06 j 15:45	8°♉12'46		
superior conj	-3410 Jun 14 j 06:02	23°♉53'54	1°35'39	
minimum elong	-3410 Jun 14 j 03:37	23°♉41'32	1°35'31	
	-3410 Jun 17 j 06:33	0°♊		
max. Earth dist.	-3410 Jun 18 j 17:41	2°♊53'45	1.35844 AU	
evening rise	-3410 Jun 22 j 23:06	10°♊59'37		
	-3410 Jul 03 j 20:16	0°♋		
desc. node	-3410 Jul 14 j 17:18	16°♋27'01		
	-3410 Jul 25 j 11:49	0°♌		
evening max el	-3410 Jul 28 j 14:35	3°♌13'51	26°21'16	
retrograde	-3410 Aug 10 j 08:04	10°♌26'49		
evening set	-3410 Aug 16 j 19:28	7°♌43'18		
min. Earth dist.	-3410 Aug 20 j 21:57	3°♌20'48	0.66195 AU	
inferior conj	-3410 Aug 22 j 09:32	1°♌31'10	-2°19'35	
minimum elong	-3410 Aug 22 j 12:42	1°♌21'25	2°18'21	
	-3410 Aug 23 j 15:32	30°℞♋		
morning rise	-3410 Aug 28 j 06:10	25°♋41'52		
asc. node	-3410 Aug 29 j 15:29	25°♋03'46		
direct	-3410 Aug 31 j 08:31	24°♋47'04		

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning max el	-3410 Sep 07 j 04:32	28°♋36'58	18°49'53
	-3410 Sep 08 j 11:17	0°♌	
morning set	-3410 Sep 28 j 12:29	29°♌55'54	
	-3410 Sep 28 j 13:31	0°♍	
desc. node	-3410 Oct 10 j 16:50	19°♍12'20	
max. Earth dist.	-3410 Oct 14 j 03:45	24°♍38'53	1.44830 AU
superior conj	-3410 Oct 14 j 15:32	25°♍25'19	-0°24'59
minimum elong	-3410 Oct 14 j 12:16	25°♍12'26	0°24'32
	-3410 Oct 17 j 13:12	0°♎	
evening rise	-3410 Oct 30 j 09:18	20°♎26'38	
	-3410 Nov 05 j 07:44	0°♏	
evening max el	-3410 Nov 20 j 14:03	22°♏00'49	18°51'40
asc. node	-3410 Nov 25 j 14:28	25°♏34'05	
retrograde	-3410 Nov 27 j 09:29	25°♏51'56	
evening set	-3410 Nov 30 j 12:41	24°♏55'47	
inferior conj	-3410 Dec 06 j 07:31	19°♏11'53	3°07'54
minimum elong	-3410 Dec 06 j 04:24	19°♏21'26	3°07'01
min. Earth dist.	-3410 Dec 07 j 23:07	17°♏10'38	0.65248 AU
morning rise	-3410 Dec 11 j 19:47	13°♏04'15	
direct	-3410 Dec 18 j 10:53	10°♏13'36	
morning max el	-3410 Dec 31 j 12:04	17°♏48'35	26°49'40
desc. node	-3409 Jan 06 j 16:23	24°♏42'55	
	-3409 Jan 10 j 19:19	0°♐	
	-3409 Jan 30 j 01:49	0°♑	
morning set	-3409 Feb 05 j 07:53	11°♑30'36	
max. Earth dist.	-3409 Feb 09 j 17:41	20°♑09'26	1.34526 AU
superior conj	-3409 Feb 13 j 18:27	28°♑24'24	-1°13'44
minimum elong	-3409 Feb 13 j 21:27	28°♑40'03	1°13'23
	-3409 Feb 14 j 12:48	0°♒	
evening rise	-3409 Feb 21 j 06:14	14°♒06'23	
asc. node	-3409 Feb 21 j 13:46	14°♒45'21	
	-3409 Mar 01 j 10:50	0°♓	
evening max el	-3409 Mar 13 j 01:34	15°♓55'38	21°17'44
retrograde	-3409 Mar 24 j 21:41	21°♓36'34	
evening set	-3409 Mar 27 j 08:41	21°♓22'43	
desc. node	-3409 Apr 04 j 15:21	17°♓57'26	
inferior conj	-3409 Apr 05 j 15:38	17°♓23'20	-0°16'56
minimum elong	-3409 Apr 05 j 14:50	17°♓24'28	0°16'41
min. Earth dist.	-3409 Apr 06 j 02:27	17°♓08'05	0.55141 AU
morning rise	-3409 Apr 14 j 20:53	13°♓18'15	
direct	-3409 Apr 17 j 21:02	12°♓58'29	
morning max el	-3409 Apr 30 j 13:46	19°♓03'29	22°14'53
	-3409 May 09 j 11:24	0°♈	
asc. node	-3409 May 20 j 13:21	19°♈58'20	
morning set	-3409 May 22 j 01:43	23°♈05'41	
	-3409 May 25 j 08:27	0°♉	
superior conj	-3409 May 29 j 08:04	8°♉26'38	1°20'07
minimum elong	-3409 May 29 j 05:25	8°♉12'38	1°19'49
max. Earth dist.	-3409 Jun 01 j 11:10	14°♉57'43	1.34476 AU
evening rise	-3409 Jun 06 j 07:13	24°♉38'59	
	-3409 Jun 09 j 02:25	0°♊	
	-3409 Jun 27 j 08:12	0°♋	
desc. node	-3409 Jul 01 j 14:19	5°♋47'05	
evening max el	-3409 Jul 11 j 02:14	16°♋39'30	27°06'36
retrograde	-3409 Jul 24 j 09:16	24°♋00'36	
evening set	-3409 Jul 31 j 07:48	21°♋12'59	
min. Earth dist.	-3409 Aug 04 j 03:12	17°♋28'23	0.65076 AU
inferior conj	-3409 Aug 06 j 04:06	15°♋09'25	-3°06'38
minimum elong	-3409 Aug 06 j 07:57	14°♋58'29	3°05'24
morning rise	-3409 Aug 12 j 08:34	9°♋34'30	
direct	-3409 Aug 15 j 04:32	8°♋51'10	
asc. node	-3409 Aug 16 j 12:37	9°♋00'48	
morning max el	-3409 Aug 21 j 17:36	12°♋24'12	18°15'01
	-3409 Sep 03 j 00:34	0°♌	
morning set	-3409 Sep 09 j 09:14	10°♌31'41	
	-3409 Sep 21 j 07:34	0°♍	
superior conj	-3409 Sep 23 j 17:39	3°♍51'59	0°24'23
minimum elong	-3409 Sep 23 j 20:38	4°♍03'52	0°24'02
max. Earth dist.	-3409 Sep 26 j 22:18	8°♍55'59	1.44693 AU
desc. node	-3409 Sep 27 j 13:48	9°♍57'15	
evening rise	-3409 Oct 10 j 07:48	29°♍54'39	
	-3409 Oct 10 j 09:11	0°♎	
greatest brilliancy	-3409 Oct 22 j 07:43	18°♎25'54	-0.7m
	-3409 Oct 30 j 08:10	0°♏	
evening max el	-3409 Nov 03 j 21:47	5°♏28'02	19°38'49
retrograde	-3409 Nov 11 j 06:06	9°♏44'08	
asc. node	-3409 Nov 12 j 11:34	9°♏35'26	
evening set	-3409 Nov 14 j 16:51	8°♏34'40	
inferior conj	-3409 Nov 20 j 06:23	2°♏36'51	2°27'09
minimum elong	-3409 Nov 20 j 03:30	2°♏46'14	2°26'08
min. Earth dist.	-3409 Nov 21 j 08:28	1°♏11'45	0.66298 AU
	-3409 Nov 22 j 06:57	30°℞♎	
morning rise	-3409 Nov 25 j 13:57	26°♎24'27	
direct	-3409 Dec 01 j 15:55	23°♎44'29	
	-3409 Dec 12 j 21:46	0°♏	
morning max el	-3409 Dec 13 j 21:17	0°♏57'38	25°42'53
desc. node	-3409 Dec 24 j 13:26	13°♏39'47	
	-3408 Jan 04 j 19:40	0°♐	
morning set	-3408 Jan 19 j 03:35	24°♐12'50	
	-3408 Jan 22 j 06:11	0°♑	
max. Earth dist.	-3408 Jan 22 j 23:53	1°♑24'06	1.36059 AU
superior conj	-3408 Jan 28 j 12:43	12°♑14'51	-1°34'01
minimum elong	-3408 Jan 28 j 15:56	12°♑31'04	1°33'47
evening rise	-3408 Feb 05 j 12:04	28°♑30'05	
	-3408 Feb 06 j 05:48	0°♒	
asc. node	-3408 Feb 08 j 10:47	4°♒24'29	
evening max el	-3408 Feb 23 j 10:11	27°♒24'01	20°01'42
	-3408 Feb 26 j 15:58	0°♓	
retrograde	-3408 Mar 04 j 13:51	2°♓13'36	
evening set	-3408 Mar 06 j 20:30	2°♓00'07	
	-3408 Mar 12 j 03:34	30°℞♒	
inferior conj	-3408 Mar 15 j 14:44	27°♒59'46	1°35'47
minimum elong	-3408 Mar 15 j 18:36	27°♒53'52	1°34'30
min. Earth dist.	-3408 Mar 17 j 16:27	26°♒44'26	0.55704 AU
desc. node	-3408 Mar 21 j 12:29	24°♒39'59	
morning rise	-3408 Mar 24 j 14:41	23°♒29'56	
direct	-3408 Mar 28 j 12:47	22°♒56'07	
morning max el	-3408 Apr 11 j 07:09	29°♒46'12	23°53'54
	-3408 Apr 11 j 12:54	0°♓	
	-3408 May 01 j 14:12	0°♈	
morning set	-3408 May 05 j 13:35	8°♈06'13	
asc. node	-3408 May 06 j 10:22	9°♈55'39	
superior conj	-3408 May 12 j 15:21	23°♈16'02	1°00'41
minimum elong	-3408 May 12 j 13:01	23°♈03'27	1°00'20
max. Earth dist.	-3408 May 14 j 14:07	27°♈26'25	1.33477 AU
	-3408 May 15 j 19:06	0°♉	
evening rise	-3408 May 20 j 02:25	8°♉52'33	
	-3408 May 31 j 12:30	0°♊	
desc. node	-3408 Jun 17 j 11:23	24°♊22'04	
evening max el	-3408 Jun 22 j 12:41	29°♊45'34	27°25'10
	-3408 Jun 22 j 18:45	0°♋	
retrograde	-3408 Jul 06 j 04:37	7°♋08'42	
evening set	-3408 Jul 13 j 08:40	4°♋28'47	
min. Earth dist.	-3408 Jul 16 j 23:11	1°♋17'49	0.63577 AU
	-3408 Jul 18 j 05:48	30°℞♊	
inferior conj	-3408 Jul 19 j 14:03	28°♊36'31	-3°46'21
minimum elong	-3408 Jul 19 j 17:49	28°♊26'50	3°45'28
morning rise	-3408 Jul 26 j 03:51	23°♊19'16	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

direct	-3408 Jul 28 j 19:34	22°♊44'42	
asc. node	-3408 Aug 02 j 09:44	24°♊27'58	
morning max el	-3408 Aug 04 j 08:37	26°♊09'29	17°57'41
	-3408 Aug 07 j 15:10	0°♋	
morning set	-3408 Aug 21 j 07:22	22°♋19'51	
	-3408 Aug 25 j 17:48	0°♌	
superior conj	-3408 Sep 02 j 15:33	13°♌18'57	1°05'39
minimum elong	-3408 Sep 02 j 21:15	13°♌42'25	1°05'05
max. Earth dist.	-3408 Sep 08 j 14:39	23°♌00'49	1.43850 AU
desc. node	-3408 Sep 13 j 10:47	0°♍41'53	
	-3408 Sep 13 j 00:08	0°♍	
evening rise	-3408 Sep 18 j 13:58	8°♍41'58	
	-3408 Oct 02 j 16:16	0°♎	
evening max el	-3408 Oct 16 j 23:59	18°♎54'22	20°40'24
retrograde	-3408 Oct 25 j 03:27	23°♎43'05	
evening set	-3408 Oct 28 j 23:52	22°♎17'53	
asc. node	-3408 Oct 29 j 08:42	22°♎00'45	
inferior conj	-3408 Nov 03 j 09:49	16°♎09'28	1°40'16
minimum elong	-3408 Nov 03 j 07:39	16°♎16'47	1°39'24
min. Earth dist.	-3408 Nov 03 j 23:59	15°♎21'20	0.66996 AU
morning rise	-3408 Nov 08 j 15:17	9°♎54'38	
direct	-3408 Nov 14 j 02:08	7°♎32'35	
morning max el	-3408 Nov 25 j 06:02	14°♎11'51	24°21'16
	-3408 Dec 08 j 03:22	0°♏	
desc. node	-3408 Dec 10 j 10:27	3°♏12'56	
	-3408 Dec 27 j 16:50	0°♐	
morning set	-3408 Dec 31 j 02:32	5°♐49'20	
max. Earth dist.	-3407 Jan 03 j 21:28	12°♐32'03	1.37956 AU
superior conj	-3407 Jan 10 j 19:43	25°♐27'06	-1°49'01
minimum elong	-3407 Jan 10 j 22:12	25°♐39'00	1°49'00
	-3407 Jan 13 j 04:02	0°♑	
evening rise	-3407 Jan 19 j 11:49	12°♑29'50	
asc. node	-3407 Jan 25 j 07:50	23°♑41'56	
	-3407 Jan 28 j 23:15	0°♒	
evening max el	-3407 Feb 05 j 05:15	9°♒28'54	19°04'18
retrograde	-3407 Feb 13 j 19:59	13°♒36'30	
evening set	-3407 Feb 16 j 04:51	13°♒19'05	
inferior conj	-3407 Feb 24 j 05:39	9°♒05'02	2°59'56
minimum elong	-3407 Feb 24 j 10:26	8°♒56'41	2°58'44
min. Earth dist.	-3407 Feb 27 j 07:53	6°♒56'33	0.57065 AU
morning rise	-3407 Mar 04 j 13:17	4°♒04'12	
desc. node	-3407 Mar 08 j 09:35	3°♒05'58	
direct	-3407 Mar 09 j 16:38	3°♒01'57	
morning max el	-3407 Mar 23 j 22:11	10°♒21'51	25°29'24
	-3407 Apr 07 j 19:37	0°♓	
morning set	-3407 Apr 20 j 01:42	23°♓08'33	
asc. node	-3407 Apr 23 j 07:22	0°♈03'10	
	-3407 Apr 23 j 06:47	0°♈	
superior conj	-3407 Apr 27 j 01:47	8°♈15'16	0°38'30
minimum elong	-3407 Apr 27 j 00:09	8°♈06'26	0°38'12
max. Earth dist.	-3407 Apr 27 j 23:50	10°♈15'22	1.32840 AU
evening rise	-3407 May 04 j 05:18	23°♈29'48	
	-3407 May 07 j 10:51	0°♉	
	-3407 May 25 j 08:33	0°♊	
desc. node	-3407 Jun 04 j 08:27	11°♊52'53	
evening max el	-3407 Jun 04 j 19:36	12°♊19'49	27°12'08
retrograde	-3407 Jun 18 j 17:36	19°♊41'58	
evening set	-3407 Jun 25 j 18:09	17°♊23'59	
min. Earth dist.	-3407 Jun 29 j 09:10	14°♊36'04	0.61742 AU
inferior conj	-3407 Jul 02 j 12:14	11°♊45'30	-4°14'05
minimum elong	-3407 Jul 02 j 14:43	11°♊39'51	4°13'43
morning rise	-3407 Jul 09 j 12:46	6°♊48'36	
direct	-3407 Jul 12 j 02:06	6°♊20'39	
morning max el	-3407 Jul 18 j 22:48	9°♊46'36	17°58'48
asc. node	-3407 Jul 20 j 06:48	11°♊10'51	
	-3407 Aug 01 j 06:13	0°♋	
morning set	-3407 Aug 04 j 01:31	5°♋05'36	
superior conj	-3407 Aug 14 j 17:08	24°♋08'28	1°32'54
minimum elong	-3407 Aug 14 j 21:34	24°♋27'41	1°32'41
	-3407 Aug 18 j 03:12	0°♌	
max. Earth dist.	-3407 Aug 22 j 01:46	6°♌34'50	1.42421 AU
evening rise	-3407 Aug 28 j 21:59	17°♌36'44	
desc. node	-3407 Aug 31 j 07:46	21°♌23'13	
	-3407 Sep 05 j 22:31	0°♍	
	-3407 Sep 27 j 16:01	0°♎	
evening max el	-3407 Sep 29 j 20:00	2°♎20'01	21°53'19
retrograde	-3407 Oct 08 j 23:35	7°♎46'19	
evening set	-3407 Oct 13 j 07:48	6°♎03'17	
asc. node	-3407 Oct 16 j 05:49	3°♎01'17	
inferior conj	-3407 Oct 18 j 15:47	29°♍47'51	0°49'22
minimum elong	-3407 Oct 18 j 14:39	29°♍51'44	0°48'54
	-3407 Oct 18 j 12:16	30°℞♍	
min. Earth dist.	-3407 Oct 18 j 19:16	29°♍35'49	0.67375 AU
morning rise	-3407 Oct 23 j 21:21	23°♍33'10	
direct	-3407 Oct 28 j 17:02	21°♍32'20	
morning max el	-3407 Nov 07 j 16:12	27°♍28'53	22°54'31
	-3407 Nov 10 j 00:35	0°♎	
desc. node	-3407 Nov 27 j 07:25	23°♎11'53	
	-3407 Dec 01 j 19:50	0°♏	
morning set	-3407 Dec 11 j 22:40	16°♏04'53	
max. Earth dist.	-3407 Dec 16 j 17:18	24°♏06'59	1.40030 AU
	-3407 Dec 20 j 02:29	0°♐	
superior conj	-3407 Dec 24 j 10:57	7°♐48'58	-1°55'50
minimum elong	-3407 Dec 24 j 11:15	7°♐50'22	1°55'56
evening rise	-3406 Jan 03 j 02:40	25°♐57'57	
	-3406 Jan 05 j 05:38	0°♑	
asc. node	-3406 Jan 12 j 04:52	12°♑29'47	
evening max el	-3406 Jan 19 j 08:54	22°♑04'43	18°26'52
retrograde	-3406 Jan 26 j 20:23	25°♑45'09	
evening set	-3406 Jan 29 j 08:50	25°♑21'26	
inferior conj	-3406 Feb 05 j 16:58	20°♑47'37	3°46'42
minimum elong	-3406 Feb 05 j 19:40	20°♑42'09	3°46'16
min. Earth dist.	-3406 Feb 09 j 02:35	18°♑03'24	0.58935 AU
morning rise	-3406 Feb 13 j 04:15	15°♑21'37	
direct	-3406 Feb 19 j 09:50	13°♑40'43	
desc. node	-3406 Feb 23 j 06:40	14°♑18'20	
morning max el	-3406 Mar 05 j 16:21	21°♑16'12	26°46'12
	-3406 Mar 13 j 07:03	0°♒	
	-3406 Mar 31 j 12:40	0°♓	
morning set	-3406 Apr 04 j 12:17	8°♓05'16	
asc. node	-3406 Apr 10 j 04:21	20°♓15'31	
superior conj	-3406 Apr 11 j 13:27	23°♓16'43	0°14'26
minimum elong	-3406 Apr 11 j 12:49	23°♓13'13	0°14'16
behind sun begin	-3406 Apr 11 j 10:41	23°♓01'32	
behind sun end	-3406 Apr 11 j 14:57	23°♓24'55	
max. Earth dist.	-3406 Apr 11 j 12:49	23°♓13'13	1.32552 AU
	-3406 Apr 14 j 15:20	0°♈	
evening rise	-3406 Apr 18 j 13:09	8°♈20'39	
	-3406 Apr 29 j 21:56	0°♉	
evening max el	-3406 May 17 j 20:55	24°♉12'59	26°26'29
desc. node	-3406 May 22 j 05:32	27°♉52'02	
	-3406 May 25 j 19:00	0°♊	
retrograde	-3406 May 31 j 22:43	1°♊31'23	
	-3406 Jun 06 j 22:43	30°℞♉	
evening set	-3406 Jun 07 j 08:00	29°♉48'05	
min. Earth dist.	-3406 Jun 11 j 10:07	27°♉07'09	0.59709 AU
inferior conj	-3406 Jun 14 j 19:03	24°♉26'56	-4°22'41
minimum elong	-3406 Jun 14 j 18:43	24°♉27'37	4°22'35

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

morning rise	-3406 Jun 22 j 07:41	19°♉51'36	
direct	-3406 Jun 24 j 19:58	19°♉28'47	
morning max el	-3406 Jul 02 j 09:10	23°♉06'52	18°19'19
asc. node	-3406 Jul 07 j 03:50	28°♉53'20	
	-3406 Jul 07 j 21:57	0°♊	
morning set	-3406 Jul 18 j 10:24	18°♊35'05	
	-3406 Jul 24 j 11:08	0°♋	
superior conj	-3406 Jul 27 j 19:40	6°♋12'30	1°46'24
minimum elong	-3406 Jul 27 j 21:29	6°♋20'47	1°46'28
max. Earth dist.	-3406 Aug 04 j 07:04	19°♋26'51	1.40599 AU
evening rise	-3406 Aug 09 j 01:28	27°♋27'22	
	-3406 Aug 10 j 14:48	0°♌	
desc. node	-3406 Aug 18 j 04:45	11°♌57'35	
	-3406 Aug 30 j 13:57	0°♍	
evening max el	-3406 Sep 12 j 10:45	15°♍46'56	23°12'59
retrograde	-3406 Sep 22 j 17:02	21°♍51'29	
evening set	-3406 Sep 27 j 14:56	19°♍49'13	
inferior conj	-3406 Oct 02 j 22:29	13°♍30'26	-0°03'47
minimum elong	-3406 Oct 02 j 22:34	13°♍30'08	0°03'42
transit middle	-3406 Oct 02 j 22:34	13°♍30'08	0°03'42
transit begin	-3406 Oct 02 j 19:56	13°♍39'11	
transit end	-3406 Oct 03 j 01:12	13°♍21'05	
min. Earth dist.	-3406 Oct 02 j 15:46	13°♍53'31	0.67450 AU
asc. node	-3406 Oct 03 j 02:53	13°♍15'17	
morning rise	-3406 Oct 08 j 06:05	7°♍18'55	
direct	-3406 Oct 12 j 11:44	5°♍39'29	
morning max el	-3406 Oct 21 j 07:02	10°♍51'46	21°31'16
	-3406 Nov 05 j 02:26	0°♎	
desc. node	-3406 Nov 14 j 04:24	13°♎29'24	
morning set	-3406 Nov 21 j 14:27	24°♎59'59	
	-3406 Nov 24 j 17:41	0°♏	
max. Earth dist.	-3406 Nov 28 j 18:32	6°♏34'18	1.42004 AU
superior conj	-3406 Dec 06 j 04:56	19°♏07'24	-1°50'43
minimum elong	-3406 Dec 06 j 01:38	18°♏53'08	1°50'40
	-3406 Dec 12 j 08:52	0°♐	
evening rise	-3406 Dec 17 j 05:09	8°♐47'14	
	-3406 Dec 29 j 14:50	0°♑	
asc. node	-3406 Dec 30 j 01:55	0°♑38'53	
evening max el	-3405 Jan 02 j 18:21	5°♑03'33	18°09'24
retrograde	-3405 Jan 09 j 13:38	8°♑31'52	
evening set	-3405 Jan 12 j 05:24	8°♑00'34	
inferior conj	-3405 Jan 18 j 23:37	3°♑05'04	4°01'18
minimum elong	-3405 Jan 18 j 23:37	3°♑05'06	4°01'11
min. Earth dist.	-3405 Jan 22 j 03:16	0°♑09'12	0.60967 AU
	-3405 Jan 22 j 07:25	30°℞♐	
morning rise	-3405 Jan 25 j 16:25	27°♐21'52	
direct	-3405 Feb 01 j 13:48	25°♐04'33	
desc. node	-3405 Feb 10 j 03:44	28°♐10'02	
	-3405 Feb 12 j 14:25	0°♑	
morning max el	-3405 Feb 15 j 16:29	2°♑47'01	27°32'21
	-3405 Mar 07 j 16:04	0°♒	
morning set	-3405 Mar 19 j 19:29	22°♒49'45	
	-3405 Mar 23 j 05:24	0°♓	
max. Earth dist.	-3405 Mar 26 j 01:25	6°♓07'12	1.32611 AU
superior conj	-3405 Mar 27 j 00:46	8°♓14'27	-0°10'43
minimum elong	-3405 Mar 27 j 01:15	8°♓17'07	0°10'40
behind sun begin	-3405 Mar 26 j 21:30	7°♓56'38	
behind sun end	-3405 Mar 27 j 05:00	8°♓37'36	
asc. node	-3405 Mar 28 j 01:20	10°♓28'37	
evening rise	-3405 Apr 02 j 23:50	23°♓17'36	
	-3405 Apr 06 j 06:01	0°♈	
	-3405 Apr 24 j 16:37	0°♉	
evening max el	-3405 Apr 29 j 16:08	5°♉25'12	25°12'44
desc. node	-3405 May 09 j 02:37	11°♉44'51	
retrograde	-3405 May 13 j 17:25	12°♉34'29	
evening set	-3405 May 18 j 23:53	11°♉30'03	
min. Earth dist.	-3405 May 24 j 04:24	8°♉39'44	0.57732 AU
inferior conj	-3405 May 27 j 07:08	6°♉31'44	-4°02'10
minimum elong	-3405 May 27 j 03:05	6°♉38'43	4°01'32
morning rise	-3405 Jun 04 j 09:09	2°♉17'01	
direct	-3405 Jun 06 j 21:12	1°♉58'10	
morning max el	-3405 Jun 15 j 12:51	6°♉01'17	19°00'04
asc. node	-3405 Jun 24 j 00:51	17°♉22'05	
	-3405 Jun 30 j 21:41	0°♊	
morning set	-3405 Jul 02 j 05:55	2°♊37'49	
superior conj	-3405 Jul 10 j 17:32	19°♊15'29	1°48'38
minimum elong	-3405 Jul 10 j 17:03	19°♊13'07	1°48'44
	-3405 Jul 16 j 11:22	0°♋	
max. Earth dist.	-3405 Jul 17 j 09:11	1°♋38'45	1.38639 AU
evening rise	-3405 Jul 21 j 06:57	8°♋33'04	
	-3405 Aug 03 j 12:30	0°♌	
desc. node	-3405 Aug 05 j 01:46	2°♌20'09	
evening max el	-3405 Aug 25 j 22:22	29°♌16'27	24°33'02
	-3405 Aug 26 j 16:16	0°♍	
retrograde	-3405 Sep 06 j 06:39	5°♍54'36	
evening set	-3405 Sep 11 j 19:30	3°♍33'22	
	-3405 Sep 15 j 02:00	30°℞♌	
min. Earth dist.	-3405 Sep 16 j 11:00	28°♌12'12	0.67223 AU
inferior conj	-3405 Sep 17 j 04:11	27°♌14'40	-0°57'36
minimum elong	-3405 Sep 17 j 05:33	27°♌10'07	0°56'57
asc. node	-3405 Sep 19 j 23:58	23°♌39'34	
morning rise	-3405 Sep 22 j 15:35	21°♌09'28	
direct	-3405 Sep 26 j 08:56	19°♌49'45	
morning max el	-3405 Oct 04 j 04:52	24°♌23'00	20°17'41
	-3405 Oct 09 j 00:02	0°♍	
	-3405 Oct 29 j 11:25	0°♎	
morning set	-3405 Oct 31 j 13:05	3°♎11'48	
desc. node	-3405 Nov 01 j 01:22	3°♎59'26	
max. Earth dist.	-3405 Nov 11 j 03:45	19°♎54'30	1.43591 AU
superior conj	-3405 Nov 16 j 20:29	29°♎09'47	-1°29'56
minimum elong	-3405 Nov 16 j 13:44	28°♎42'05	1°29'23
	-3405 Nov 17 j 08:40	0°♏	
evening rise	-3405 Nov 29 j 15:02	20°♏48'40	
	-3405 Dec 04 j 22:18	0°♐	
asc. node	-3405 Dec 16 j 22:59	17°♐57'05	
evening max el	-3405 Dec 17 j 06:37	18°♐16'44	18°11'19
retrograde	-3405 Dec 23 j 19:38	21°♐45'55	
evening set	-3405 Dec 26 j 14:53	21°♐06'07	
inferior conj	-3404 Jan 01 j 22:04	15°♐49'43	3°52'29
minimum elong	-3404 Jan 01 j 20:05	15°♐54'59	3°52'10
min. Earth dist.	-3404 Jan 04 j 12:47	13°♐04'17	0.62871 AU
morning rise	-3404 Jan 08 j 00:32	9°♐54'28	
direct	-3404 Jan 15 j 02:04	7°♐12'42	
desc. node	-3404 Jan 28 j 00:47	14°♐05'46	
morning max el	-3404 Jan 28 j 22:17	14°♐57'38	27°42'29
	-3404 Feb 10 j 05:47	0°♑	
	-3404 Feb 28 j 04:49	0°♒	
morning set	-3404 Mar 02 j 21:08	7°♒14'08	
max. Earth dist.	-3404 Mar 08 j 09:49	18°♒43'40	1.33030 AU
superior conj	-3404 Mar 10 j 10:02	23°♒02'18	-0°36'03
minimum elong	-3404 Mar 10 j 11:39	23°♒11'03	0°35'48
asc. node	-3404 Mar 13 j 22:21	0°♓38'18	
	-3404 Mar 13 j 15:16	0°♓	
evening rise	-3404 Mar 17 j 11:31	8°♓13'39	
	-3404 Mar 28 j 23:01	0°♈	
evening max el	-3404 Apr 10 j 07:53	16°♈10'29	23°41'51
retrograde	-3404 Apr 23 j 23:50	22°♈59'18	
desc. node	-3404 Apr 24 j 23:41	22°♈57'05	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

evening set	-3404 Apr 27 j 21:49	22°♈25'31	
min. Earth dist.	-3404 May 04 j 19:03	19°♈13'02	0.56133 AU
inferior conj	-3404 May 06 j 23:09	17°♈54'25	-3°02'41
minimum elong	-3404 May 06 j 17:01	18°♈03'44	3°01'05
morning rise	-3404 May 15 j 15:05	13°♈54'56	
direct	-3404 May 18 j 03:36	13°♈38'48	
morning max el	-3404 May 28 j 07:19	18°♈21'28	20°01'22
	-3404 Jun 06 j 05:45	0°♉	
asc. node	-3404 Jun 09 j 21:53	6°♉26'23	
morning set	-3404 Jun 15 j 08:57	17°♉06'00	
	-3404 Jun 21 j 17:05	0°♊	
superior conj	-3404 Jun 23 j 05:32	3°♊03'20	1°42'18
minimum elong	-3404 Jun 23 j 03:35	2°♊53'32	1°42'17
max. Earth dist.	-3404 Jun 28 j 13:24	13°♊28'17	1.36782 AU
evening rise	-3404 Jul 02 j 12:14	20°♊49'47	
	-3404 Jul 07 j 16:49	0°♋	
desc. node	-3404 Jul 21 j 22:47	22°♋25'22	
	-3404 Jul 27 j 10:30	0°♌	
evening max el	-3404 Aug 07 j 09:12	12°♌48'36	25°45'47
retrograde	-3404 Aug 19 j 15:53	19°♌51'48	
evening set	-3404 Aug 25 j 19:37	17°♌14'28	
min. Earth dist.	-3404 Aug 30 j 02:34	12°♌30'23	0.66673 AU
inferior conj	-3404 Aug 31 j 07:10	10°♌59'06	-1°50'23
minimum elong	-3404 Aug 31 j 09:44	10°♌50'54	1°49'17
morning rise	-3404 Sep 05 j 23:59	5°♌03'20	
asc. node	-3404 Sep 05 j 21:04	5°♌08'03	
direct	-3404 Sep 09 j 07:10	4°♌00'26	
morning max el	-3404 Sep 16 j 10:01	8°♌03'24	19°17'33
	-3404 Oct 02 j 03:59	0°♍	
morning set	-3404 Oct 09 j 17:51	11°♍48'42	
desc. node	-3404 Oct 17 j 22:22	24°♍38'05	
	-3404 Oct 21 j 08:18	0°♎	
max. Earth dist.	-3404 Oct 23 j 19:04	3°♎51'49	1.44579 AU
superior conj	-3404 Oct 26 j 09:44	8°♎00'06	-0°52'20
minimum elong	-3404 Oct 26 j 03:33	7°♎35'33	0°51'35
	-3404 Nov 09 j 00:11	0°♏	
evening rise	-3404 Nov 10 j 03:49	1°♏53'52	
	-3404 Nov 28 j 07:20	0°♐	
evening max el	-3404 Nov 29 j 19:00	1°♐38'28	18°31'49
asc. node	-3404 Dec 02 j 20:04	4°♐10'36	
retrograde	-3404 Dec 06 j 10:04	5°♐19'12	
evening set	-3404 Dec 09 j 09:51	4°♐29'35	
	-3404 Dec 14 j 10:02	30°℞♏	
inferior conj	-3404 Dec 15 j 08:33	28°♏54'43	3°27'33
minimum elong	-3404 Dec 15 j 05:36	29°♏03'22	3°26'50
min. Earth dist.	-3404 Dec 17 j 08:25	26°♏34'49	0.64480 AU
morning rise	-3404 Dec 21 j 00:55	22°♏50'38	
direct	-3404 Dec 27 j 21:31	19°♏59'20	
morning max el	-3403 Jan 10 j 07:30	27°♏41'08	27°17'38
	-3403 Jan 12 j 12:54	0°♐	
desc. node	-3403 Jan 13 j 21:51	1°♐31'34	
	-3403 Feb 02 j 22:07	0°♑	
morning set	-3403 Feb 14 j 14:22	21°♑08'59	
	-3403 Feb 19 j 00:19	0°♒	
max. Earth dist.	-3403 Feb 19 j 10:02	0°♒50'00	1.33854 AU
superior conj	-3403 Feb 22 j 15:22	7°♒33'49	-1°00'32
minimum elong	-3403 Feb 22 j 17:58	7°♒47'34	1°00'10
asc. node	-3403 Feb 28 j 19:22	20°♒40'03	
evening rise	-3403 Mar 01 j 22:26	23°♒02'09	
	-3403 Mar 05 j 08:08	0°♓	
evening max el	-3403 Mar 23 j 02:08	26°♓54'53	22°07'59
	-3403 Mar 26 j 20:07	0°♈	
retrograde	-3403 Apr 04 j 18:43	3°♈05'27	
evening set	-3403 Apr 07 j 14:09	2°♈47'57	
desc. node	-3403 Apr 11 j 20:48	1°♈21'40	
	-3403 Apr 14 j 13:59	30°℞♓	
inferior conj	-3403 Apr 16 j 23:08	28°♓40'22	-1°24'08
minimum elong	-3403 Apr 16 j 19:20	28°♓45'44	1°22'52
min. Earth dist.	-3403 Apr 16 j 08:52	29°♓00'30	0.55239 AU
morning rise	-3403 Apr 26 j 01:56	24°♓42'43	
direct	-3403 Apr 28 j 18:43	24°♓26'18	
morning max el	-3403 May 10 j 15:03	0°♈00'30	21°21'48
	-3403 May 10 j 14:50	0°♈	
asc. node	-3403 May 27 j 18:55	25°♈56'40	
	-3403 May 29 j 19:14	0°♉	
morning set	-3403 May 30 j 16:59	1°♉51'39	
superior conj	-3403 Jun 07 j 03:25	17°♉22'44	1°29'37
minimum elong	-3403 Jun 07 j 00:50	17°♉09'16	1°29'25
max. Earth dist.	-3403 Jun 11 j 00:57	25°♉19'49	1.35210 AU
	-3403 Jun 13 j 09:36	0°♊	
evening rise	-3403 Jun 15 j 12:01	4°♊03'02	
	-3403 Jun 30 j 12:53	0°♋	
desc. node	-3403 Jul 08 j 19:49	12°♋04'44	
evening max el	-3403 Jul 20 j 20:22	26°♋17'59	26°43'21
	-3403 Jul 25 j 03:09	0°♌	
retrograde	-3403 Aug 02 j 20:17	3°♌36'02	
evening set	-3403 Aug 09 j 13:01	0°♌49'08	
	-3403 Aug 10 j 11:04	30°℞♋	
min. Earth dist.	-3403 Aug 13 j 12:12	26°♋43'14	0.65764 AU
inferior conj	-3403 Aug 15 j 05:25	24°♋40'13	-2°40'14
minimum elong	-3403 Aug 15 j 08:56	24°♋29'42	2°38'58
morning rise	-3403 Aug 21 j 05:14	18°♋56'56	
asc. node	-3403 Aug 23 j 18:11	18°♋08'34	
direct	-3403 Aug 24 j 04:32	18°♋07'31	
morning max el	-3403 Aug 30 j 20:52	21°♋49'13	18°33'01
	-3403 Sep 06 j 06:44	0°♌	
morning set	-3403 Sep 19 j 22:25	21°♌36'53	
	-3403 Sep 25 j 03:23	0°♍	
desc. node	-3403 Oct 04 j 19:22	15°♍21'26	
superior conj	-3403 Oct 05 j 09:25	16°♍16'50	-0°03'45
minimum elong	-3403 Oct 05 j 08:56	16°♍14'54	0°03'41
behind sun begin	-3403 Oct 04 j 21:48	15°♍31'02	
behind sun end	-3403 Oct 05 j 20:04	16°♍58'46	
max. Earth dist.	-3403 Oct 06 j 12:51	18°♍04'55	1.44854 AU
	-3403 Oct 14 j 02:36	0°♎	
evening rise	-3403 Oct 21 j 15:59	11°♎55'46	
greatest brilliancy	-3403 Oct 30 j 15:04	26°♎05'13	-0.8m
	-3403 Nov 02 j 03:31	0°♏	
evening max el	-3403 Nov 13 j 05:00	15°♏04'20	19°09'49
asc. node	-3403 Nov 19 j 17:08	19°♏04'06	
retrograde	-3403 Nov 20 j 05:19	19°♏05'34	
evening set	-3403 Nov 23 j 11:22	18°♏04'11	
inferior conj	-3403 Nov 29 j 03:43	12°♏13'54	2°51'34
minimum elong	-3403 Nov 29 j 00:38	12°♏23'38	2°50'35
min. Earth dist.	-3403 Nov 30 j 13:24	10°♏27'33	0.65731 AU
morning rise	-3403 Dec 04 j 13:36	6°♏03'40	
direct	-3403 Dec 10 j 23:24	3°♏16'19	
morning max el	-3403 Dec 23 j 17:16	10°♏44'32	26°23'45
desc. node	-3403 Dec 31 j 18:56	20°♏01'05	
	-3402 Jan 08 j 02:25	0°♐	
	-3402 Jan 26 j 10:42	0°♑	
morning set	-3402 Jan 28 j 19:26	4°♑22'44	
max. Earth dist.	-3402 Feb 01 j 22:53	12°♑20'51	1.35121 AU
superior conj	-3402 Feb 06 j 14:32	21°♑42'10	-1°22'50
minimum elong	-3402 Feb 06 j 17:44	21°♑58'33	1°22'30
	-3402 Feb 10 j 14:41	0°♒	
evening rise	-3402 Feb 14 j 06:44	7°♒37'06	
asc. node	-3402 Feb 15 j 16:25	10°♒29'19	

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3402 Feb 26 j 13:30	0°♓			-3401 Feb 02 j 13:27	0°♒		
evening max el	-3402 Mar 05 j 04:47	8°♓04'14	20°43'19	evening max el	-3401 Feb 15 j 18:05	19°♒48'51	19°34'56
retrograde	-3402 Mar 16 j 08:22	13°♓23'13		retrograde	-3401 Feb 25 j 04:57	24°♒18'24	
evening set	-3402 Mar 18 j 15:53	13°♓10'24		evening set	-3401 Feb 27 j 12:14	24°♒03'37	
inferior conj	-3402 Mar 27 j 18:32	9°♓12'40	0°32'52	inferior conj	-3401 Mar 07 j 23:17	19°♒59'01	2°15'53
minimum elong	-3402 Mar 27 j 20:02	9°♓10'31	0°32'19	minimum elong	-3401 Mar 08 j 04:03	19°♒51'23	2°14'27
min. Earth dist.	-3402 Mar 28 j 23:10	8°♓31'24	0.55267 AU	min. Earth dist.	-3401 Mar 10 j 13:47	18°♒19'25	0.56205 AU
desc. node	-3402 Mar 29 j 17:53	8°♓04'44		morning rise	-3401 Mar 16 j 17:18	15°♒15'48	
morning rise	-3402 Apr 05 j 23:04	4°♓58'14		desc. node	-3401 Mar 16 j 15:00	15°♒17'42	
direct	-3402 Apr 09 j 06:50	4°♓34'10		direct	-3401 Mar 21 j 03:49	14°♒31'23	
morning max el	-3402 Apr 22 j 12:46	11°♓00'39	22°56'26	morning max el	-3401 Apr 04 j 04:15	21°♒36'26	24°35'39
	-3402 May 06 j 11:58	0°♈			-3401 Apr 11 j 11:13	0°♓	
asc. node	-3402 May 14 j 15:59	15°♈45'59			-3401 Apr 28 j 19:04	0°♈	
morning set	-3402 May 15 j 03:59	16°♈48'30		morning set	-3401 Apr 29 j 16:09	1°♈50'07	
	-3402 May 21 j 08:48	0°♉		asc. node	-3401 May 01 j 12:59	5°♈47'55	
superior conj	-3402 May 22 j 08:02	2°♉03'49	1°12'17	superior conj	-3401 May 06 j 16:53	16°♈57'59	0°51'34
minimum elong	-3402 May 22 j 05:27	1°♉50'06	1°11'57	minimum elong	-3401 May 06 j 14:48	16°♈46'44	0°51'13
max. Earth dist.	-3402 May 24 j 22:22	7°♉32'42	1.34005 AU	max. Earth dist.	-3401 May 08 j 04:34	20°♈10'38	1.33169 AU
evening rise	-3402 May 30 j 01:22	17°♉58'36			-3401 May 12 j 20:11	0°♉	
	-3402 Jun 05 j 09:59	0°♊		evening rise	-3401 May 14 j 00:13	2°♉23'32	
	-3402 Jun 24 j 19:32	0°♋			-3401 May 29 j 06:41	0°♊	
desc. node	-3402 Jun 25 j 16:51	1°♋07'19		desc. node	-3401 Jun 12 j 13:53	19°♊17'40	
evening max el	-3402 Jul 03 j 07:38	9°♋36'09	27°18'05	evening max el	-3401 Jun 15 j 17:07	22°♊30'50	27°23'42
retrograde	-3402 Jul 16 j 19:18	16°♋59'29		retrograde	-3401 Jun 29 j 12:06	29°♊53'26	
evening set	-3402 Jul 23 j 20:54	14°♋13'27		evening set	-3401 Jul 06 j 15:44	27°♊21'30	
min. Earth dist.	-3402 Jul 27 j 13:46	10°♋43'53	0.64480 AU	min. Earth dist.	-3401 Jul 10 j 05:43	24°♊21'37	0.62830 AU
inferior conj	-3402 Jul 29 j 20:39	8°♋14'03	-3°24'39	inferior conj	-3401 Jul 13 j 02:02	21°♊34'39	-3°59'59
minimum elong	-3402 Jul 30 j 00:34	8°♋03'18	3°23'32	minimum elong	-3401 Jul 13 j 05:25	21°♊26'20	3°59'19
morning rise	-3402 Aug 05 j 04:55	2°♋46'16		morning rise	-3401 Jul 19 j 20:12	16°♊25'26	
direct	-3402 Aug 07 j 22:42	2°♋07'07		direct	-3401 Jul 22 j 10:40	15°♊53'54	
asc. node	-3402 Aug 10 j 15:18	2°♋44'46		asc. node	-3401 Jul 28 j 12:23	18°♊45'51	
morning max el	-3402 Aug 14 j 11:05	5°♋35'56	18°05'23	morning max el	-3401 Jul 29 j 02:01	19°♊18'13	17°55'47
	-3402 Aug 30 j 15:38	0°♌			-3401 Aug 05 j 22:25	0°♋	
morning set	-3402 Sep 01 j 06:27	2°♌44'15		morning set	-3401 Aug 14 j 13:51	14°♋59'04	
					-3401 Aug 23 j 03:46	0°♌	
superior conj	-3402 Sep 14 j 18:00	25°♌03'24	0°43'25				
minimum elong	-3402 Sep 14 j 22:44	25°♌22'28	0°42'53	superior conj	-3401 Aug 26 j 03:29	5°♌04'42	1°19'01
	-3402 Sep 17 j 19:57	0°♍		minimum elong	-3401 Aug 26 j 08:59	5°♌27'49	1°18'34
max. Earth dist.	-3402 Sep 19 j 06:10	2°♍16'10	1.44409 AU	max. Earth dist.	-3401 Sep 01 j 20:38	16°♌10'06	1.43305 AU
desc. node	-3402 Sep 21 j 16:19	6°♍06'14		desc. node	-3401 Sep 08 j 13:17	26°♌49'50	
evening rise	-3402 Oct 01 j 05:42	21°♍00'54		evening rise	-3401 Sep 10 j 10:09	29°♌44'57	
	-3402 Oct 07 j 01:46	0°♎			-3401 Sep 10 j 14:02	0°♍	
greatest brilliancy	-3402 Oct 14 j 21:52	11°♎51'32	-0.6m		-3401 Sep 30 j 19:14	0°♎	
evening max el	-3402 Oct 27 j 10:31	28°♎30'55	20°03'32	evening max el	-3401 Oct 10 j 10:13	11°♎57'20	21°10'23
	-3402 Oct 28 j 23:30	0°♏		retrograde	-3401 Oct 18 j 23:19	17°♎01'07	
retrograde	-3402 Nov 04 j 02:25	3°♏00'14		evening set	-3401 Oct 23 j 00:33	15°♎28'35	
asc. node	-3402 Nov 06 j 14:16	2°♏24'13		asc. node	-3401 Oct 24 j 11:22	14°♎10'28	
evening set	-3402 Nov 07 j 16:57	1°♏44'34		inferior conj	-3401 Oct 28 j 09:29	9°♎17'02	1°19'04
	-3402 Nov 09 j 16:37	30°℞♎		minimum elong	-3401 Oct 28 j 07:44	9°♎23'01	1°18'20
inferior conj	-3402 Nov 13 j 04:46	25°♎42'03	2°07'54	min. Earth dist.	-3401 Oct 28 j 19:02	8°♎44'17	0.67197 AU
minimum elong	-3402 Nov 13 j 02:09	25°♎50'45	2°06'55	morning rise	-3401 Nov 02 j 14:45	3°♎02'06	
min. Earth dist.	-3402 Nov 14 j 01:42	24°♎32'22	0.66630 AU	direct	-3401 Nov 07 j 19:13	0°♎48'41	
morning rise	-3402 Nov 18 j 11:08	19°♎28'12		morning max el	-3401 Nov 18 j 10:45	7°♎09'52	23°44'28
direct	-3402 Nov 24 j 06:51	16°♎54'52		desc. node	-3401 Dec 05 j 12:57	28°♎59'49	
morning max el	-3402 Dec 06 j 01:59	23°♎55'29	25°09'25		-3401 Dec 06 j 05:31	0°♏	
	-3402 Dec 11 j 12:52	0°♏		morning set	-3401 Dec 23 j 19:08	27°♏41'38	
desc. node	-3402 Dec 18 j 15:57	9°♏14'41			-3401 Dec 25 j 03:29	0°♐	
	-3401 Jan 01 j 12:18	0°♐		max. Earth dist.	-3401 Dec 27 j 20:05	4°♐41'31	1.38835 AU
morning set	-3401 Jan 11 j 07:03	16°♐39'01					
max. Earth dist.	-3401 Jan 15 j 00:19	23°♐26'43	1.36823 AU	superior conj	-3400 Jan 04 j 05:22	18°♐09'54	-1°53'07
	-3401 Jan 18 j 11:19	0°♑		minimum elong	-3400 Jan 04 j 07:07	18°♐18'08	1°53'10
					-3400 Jan 10 j 09:16	0°♑	
superior conj	-3401 Jan 21 j 04:29	5°♑17'40	-1°41'11	evening rise	-3400 Jan 13 j 06:31	5°♑37'46	
minimum elong	-3401 Jan 21 j 07:32	5°♑32'44	1°41'02	asc. node	-3400 Jan 20 j 10:27	19°♑05'22	
evening rise	-3401 Jan 29 j 10:14	21°♑51'03			-3400 Jan 27 j 17:27	0°♒	
asc. node	-3401 Feb 02 j 13:26	29°♑59'54		evening max el	-3400 Jan 29 j 17:07	2°♒07'31	18°45'54

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

retrograde	-3400 Feb 06 j 18:37	6°♒01'20	
evening set	-3400 Feb 09 j 05:13	5°♒41'17	
inferior conj	-3400 Feb 16 j 22:38	1°♒19'03	3°24'12
minimum elong	-3400 Feb 17 j 02:45	1°♒11'23	3°23'20
	-3400 Feb 18 j 17:00	30°℞♑	
min. Earth dist.	-3400 Feb 20 j 05:54	28°♑52'59	0.57827 AU
morning rise	-3400 Feb 24 j 21:45	26°♑06'54	
direct	-3400 Mar 01 j 13:24	24°♑48'51	
desc. node	-3400 Mar 02 j 12:06	24°♑51'03	
	-3400 Mar 13 j 07:26	0°♒	
morning max el	-3400 Mar 15 j 19:48	2°♒15'46	26°05'08
	-3400 Apr 04 j 13:26	0°♓	
morning set	-3400 Apr 13 j 03:48	16°♓50'29	
asc. node	-3400 Apr 17 j 09:57	25°♓57'36	
	-3400 Apr 19 j 06:22	0°♈	
superior conj	-3400 Apr 20 j 04:01	1°♈58'25	0°28'29
minimum elong	-3400 Apr 20 j 02:47	1°♈51'41	0°28'13
max. Earth dist.	-3400 Apr 20 j 16:17	3°♈05'30	1.32685 AU
evening rise	-3400 Apr 27 j 05:31	17°♈07'25	
	-3400 May 03 j 17:55	0°♉	
	-3400 May 23 j 09:17	0°♊	
evening max el	-3400 May 27 j 22:01	4°♊48'37	26°56'33
desc. node	-3400 May 29 j 10:58	6°♊13'14	
retrograde	-3400 Jun 10 j 21:34	12°♊08'33	
evening set	-3400 Jun 17 j 17:18	10°♊04'17	
min. Earth dist.	-3400 Jun 21 j 11:33	7°♊21'31	0.60894 AU
inferior conj	-3400 Jun 24 j 18:08	4°♊33'01	-4°20'38
minimum elong	-3400 Jun 24 j 19:36	4°♊29'52	4°20'26
	-3400 Jul 01 j 07:32	30°℞♉	
morning rise	-3400 Jul 01 j 23:37	29°♉45'03	
direct	-3400 Jul 04 j 12:32	29°♉19'17	
	-3400 Jul 07 j 15:20	0°♊	
morning max el	-3400 Jul 11 j 14:52	2°♊48'42	18°05'06
asc. node	-3400 Jul 14 j 09:25	5°♊55'33	
morning set	-3400 Jul 27 j 14:52	28°♊05'01	
	-3400 Jul 28 j 15:39	0°♋	
superior conj	-3400 Aug 06 j 16:19	16°♋27'27	1°40'12
minimum elong	-3400 Aug 06 j 19:40	16°♋42'19	1°40'07
max. Earth dist.	-3400 Aug 14 j 05:49	29°♋29'17	1.41683 AU
	-3400 Aug 14 j 13:10	0°♌	
evening rise	-3400 Aug 20 j 00:54	8°♌58'57	
desc. node	-3400 Aug 25 j 10:15	17°♌28'32	
	-3400 Sep 02 j 17:41	0°♍	
evening max el	-3400 Sep 22 j 03:48	25°♍22'59	22°26'42
	-3400 Sep 27 j 22:11	0°♎	
retrograde	-3400 Oct 01 j 18:21	1°♎05'20	
	-3400 Oct 05 j 06:59	30°℞♍	
evening set	-3400 Oct 06 j 08:20	29°♍13'58	
asc. node	-3400 Oct 10 j 08:27	24°♍44'27	
inferior conj	-3400 Oct 11 j 15:56	22°♍56'44	0°26'58
minimum elong	-3400 Oct 11 j 15:18	22°♍58'54	0°26'44
min. Earth dist.	-3400 Oct 11 j 15:00	22°♍59'59	0.67448 AU
morning rise	-3400 Oct 16 j 22:11	16°♍43'18	
direct	-3400 Oct 21 j 11:42	14°♍51'49	
morning max el	-3400 Oct 30 j 22:33	20°♍28'42	22°18'18
	-3400 Nov 07 j 22:57	0°♎	
desc. node	-3400 Nov 21 j 09:56	19°♎07'07	
	-3400 Nov 28 j 12:10	0°♏	
morning set	-3400 Dec 03 j 02:46	7°♏20'25	
max. Earth dist.	-3400 Dec 08 j 18:05	16°♏38'40	1.40902 AU
	-3400 Dec 16 j 10:54	0°♐	
superior conj	-3400 Dec 16 j 12:12	0°♐05'47	-1°55'21
minimum elong	-3400 Dec 16 j 11:07	0°♐00'55	1°55'27
evening rise	-3400 Dec 26 j 16:32	18°♐49'59	

	-3399 Jan 01 j 18:04	0°♑	
asc. node	-3399 Jan 06 j 07:29	7°♑37'41	
evening max el	-3399 Jan 11 j 23:29	14°♑53'21	18°17'00
retrograde	-3399 Jan 19 j 02:51	18°♑27'16	
evening set	-3399 Jan 21 j 16:43	18°♑00'26	
inferior conj	-3399 Jan 28 j 18:31	13°♑17'04	3°56'19
minimum elong	-3399 Jan 28 j 20:01	13°♑13'49	3°56'06
min. Earth dist.	-3399 Feb 01 j 02:38	10°♑25'08	0.59792 AU
morning rise	-3399 Feb 04 j 21:28	7°♑42'49	
direct	-3399 Feb 11 j 10:59	5°♑45'50	
desc. node	-3399 Feb 17 j 09:11	7°♑14'20	
morning max el	-3399 Feb 25 j 16:31	13°♑24'44	27°10'14
	-3399 Mar 10 j 21:49	0°♒	
	-3399 Mar 27 j 17:12	0°♓	
morning set	-3399 Mar 28 j 13:14	1°♓43'29	
max. Earth dist.	-3399 Apr 04 j 05:47	16°♓04'45	1.32534 AU
asc. node	-3399 Apr 04 j 06:56	16°♓10'59	
superior conj	-3399 Apr 04 j 15:45	16°♓59'19	0°03'52
minimum elong	-3399 Apr 04 j 15:35	16°♓58'21	0°03'48
behind sun begin	-3399 Apr 04 j 10:42	16°♓31'38	
behind sun end	-3399 Apr 04 j 20:28	17°♓25'05	
	-3399 Apr 10 j 15:42	0°♈	
evening rise	-3399 Apr 11 j 14:50	2°♈02'06	
	-3399 Apr 26 j 20:35	0°♉	
evening max el	-3399 May 09 j 20:32	16°♉23'35	25°57'56
desc. node	-3399 May 16 j 08:02	21°♉23'57	
retrograde	-3399 May 23 j 22:30	23°♉39'14	
evening set	-3399 May 29 j 21:56	22°♉12'17	
min. Earth dist.	-3399 Jun 03 j 09:02	19°♉29'32	0.58849 AU
inferior conj	-3399 Jun 06 j 17:22	17°♉00'13	-4°18'11
minimum elong	-3399 Jun 06 j 15:28	17°♉03'47	4°17'59
morning rise	-3399 Jun 14 j 11:36	12°♉34'20	
direct	-3399 Jun 16 j 23:50	12°♉13'17	
morning max el	-3399 Jun 24 j 22:51	15°♉59'49	18°34'09
asc. node	-3399 Jul 01 j 06:27	23°♉59'26	
	-3399 Jul 04 j 20:57	0°♊	
morning set	-3399 Jul 11 j 04:45	11°♊50'02	
superior conj	-3399 Jul 20 j 03:53	28°♊59'13	1°48'34
minimum elong	-3399 Jul 20 j 04:38	29°♊02'42	1°48'40
	-3399 Jul 20 j 16:56	0°♋	
max. Earth dist.	-3399 Jul 27 j 09:22	12°♋03'37	1.39769 AU
evening rise	-3399 Jul 31 j 15:20	19°♋20'48	
	-3399 Aug 07 j 03:54	0°♌	
desc. node	-3399 Aug 12 j 07:15	7°♌58'24	
	-3399 Aug 28 j 00:03	0°♍	
evening max el	-3399 Sep 04 j 16:45	8°♍50'04	23°47'17
retrograde	-3399 Sep 15 j 10:24	15°♍10'09	
evening set	-3399 Sep 20 j 14:37	12°♍59'25	
inferior conj	-3399 Sep 25 j 22:26	6°♍40'00	-0°26'40
minimum elong	-3399 Sep 25 j 23:03	6°♍37'51	0°26'20
min. Earth dist.	-3399 Sep 25 j 11:14	7°♍18'09	0.67394 AU
asc. node	-3399 Sep 27 j 05:33	4°♍55'11	
morning rise	-3399 Oct 01 j 07:28	0°♍30'54	
	-3399 Oct 02 j 01:23	30°℞♌	
direct	-3399 Oct 05 j 07:31	29°♌00'24	
	-3399 Oct 08 j 19:16	0°♍	
morning max el	-3399 Oct 13 j 16:22	3°♍55'21	20°58'28
	-3399 Nov 02 j 00:33	0°♎	
desc. node	-3399 Nov 08 j 06:55	9°♎30'19	
morning set	-3399 Nov 12 j 08:56	15°♎49'55	
max. Earth dist.	-3399 Nov 20 j 22:40	29°♎29'08	1.42737 AU
	-3399 Nov 21 j 06:15	0°♏	
superior conj	-3399 Nov 27 j 19:21	10°♏52'02	-1°43'59
minimum elong	-3399 Nov 27 j 14:22	10°♏31'00	1°43'44

Attention, astronomical year style is used: The year -3900 in astronomical counting style is the year 3901 BCE in historical counting style.

	-3399 Dec 08 j 18:39	0°♐	
evening rise	-3399 Dec 09 j 12:31	1°♐19'48	
asc. node	-3399 Dec 24 j 04:33	25°♐26'28	
evening max el	-3399 Dec 26 j 10:25	27°♐58'31	18°07'54
	-3399 Dec 28 j 20:28	0°♑	
retrograde	-3398 Jan 02 j 02:08	1°♑26'07	
evening set	-3398 Jan 04 j 19:10	0°♑51'30	
	-3398 Jan 06 j 10:07	30°℞♐	